

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
 Data File : BF109926.D
 Acq On : 17 Oct 2018 18:06
 Operator : JU/SJ
 Sample : PB113915BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 10:39:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	272214	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1137229	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	556691	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	1053698	20.00	ng	0.00
76) Chrysene-d12	14.16	240	691312	20.00	ng	0.00
87) Perylene-d12	15.68	264	555849	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	819115	47.70	ng	0.00
7) Phenol-d6	6.59	99	1027812	48.20	ng	-0.01
23) Nitrobenzene-d5	7.54	82	881290	52.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.81	330	259474	53.84	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1778575	50.98	ng	0.00
79) Terphenyl-d14	13.09	244	1645848	49.99	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.92	88	158080	16.207	ng	90
3) Pyridine	3.67	79	453745	20.866	ng	87
4) n-Nitrosodimethylamine	3.63	42	207426	23.384	ng	# 99
6) Aniline	6.63	93	367189	12.778	ng	# 53
8) 2-Chlorophenol	6.76	128	451972	23.496	ng	97
9) Benzaldehyde	6.53	77	188474	13.601	ng	95
10) Phenol	6.60	94	537737	23.356	ng	# 60
11) bis(2-Chloroethyl)ether	6.70	93	435403	22.618	ng	93
12) 1,3-Dichlorobenzene	6.92	146	482313	22.866	ng	98
13) 1,4-Dichlorobenzene	6.99	146	485031	22.832	ng	97
14) 1,2-Dichlorobenzene	7.15	146	459393	23.484	ng	99
15) Benzyl Alcohol	7.11	79	389124	23.719	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	725591	22.965	ng	67
17) 2-Methylphenol	7.22	107	371823	23.971	ng	# 79
18) Hexachloroethane	7.49	117	178258	23.745	ng	91
19) n-Nitroso-di-n-propylamine	7.38	70	307770	22.478	ng	96
20) 3+4-Methylphenols	7.37	107	474386	24.100	ng	96
22) Acetophenone	7.38	105	629606	23.873	ng	98
24) Nitrobenzene	7.56	77	451983	24.645	ng	95
25) Isophorone	7.79	82	854225	25.752	ng	95
26) 2-Nitrophenol	7.87	139	203533	26.767	ng	# 86
27) 2,4-Dimethylphenol	7.90	122	422571	26.448	ng	96
28) bis(2-Chloroethoxy)methane	8.00	93	555689	24.410	ng	100
29) 2,4-Dichlorophenol	8.11	162	375697	24.239	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	399263	23.006	ng	96
31) Naphthalene	8.28	128	1313357	25.185	ng	99
32) Benzoic acid	7.95	122	48077	4.829	ng	91
33) 4-Chloroaniline	8.32	127	233836	9.975	ng	98
34) Hexachlorobutadiene	8.39	225	217195	22.696	ng	99
35) Caprolactam	8.68	113	74854	13.598	ng	# 89
36) 4-Chloro-3-methylphenol	8.80	107	401236	24.539	ng	93
37) 2-Methylnaphthalene	8.97	142	898100	26.596	ng	98
38) 1-Methylnaphthalene	9.07	142	854672	26.120	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	380834	22.210	ng	98

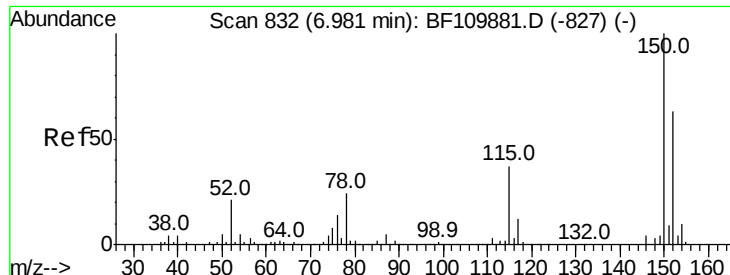
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	440929	53.278	nq	100
43) 2,4,6-Trichlorophenol	9.25	196	260522	24.299	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	276575	24.855	nq	94
46) 1,1'-Biphenyl	9.44	154	1117365	22.528	nq	99
47) 2-Chloronaphthalene	9.46	162	830812	22.741	nq	99
48) 2-Nitroaniline	9.56	65	241255	25.732	nq	92
49) Acenaphthylene	9.88	152	1321344	24.896	nq	98
50) Dimethylphthalate	9.73	163	961066	24.381	nq	100
51) 2,6-Dinitrotoluene	9.80	165	202003	26.981	nq	90
52) Acenaphthene	10.05	154	817204	24.185	nq	98
53) 3-Nitroaniline	9.96	138	138886	15.250	nq	96
54) 2,4-Dinitrophenol	10.07	184	53977	29.020	nq	93
55) Dibenzofuran	10.23	168	1160034	24.072	nq	94
56) 4-Nitrophenol	10.12	139	336805	48.467	nq	95
57) 2,4-Dinitrotoluene	10.20	165	253244	28.803	nq	96
58) Fluorene	10.57	166	909685	25.932	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	226048	25.632	nq	97
60) Diethylphthalate	10.43	149	958413	24.617	nq	98
61) 4-Chlorophenyl-phenylether	10.56	204	434975	23.804	nq	99
62) 4-Nitroaniline	10.58	138	221375	25.678	nq	92
63) Azobenzene	10.72	77	947200	23.288	nq	95
65) 4,6-Dinitro-2-methylphenol	10.60	198	58466	20.698	nq	85
66) n-Nitrosodiphenylamine	10.67	169	813525	23.181	nq	97
67) 4-Bromophenyl-phenylether	11.05	248	268682	23.529	nq	95
68) Hexachlorobenzene	11.12	284	281189	23.091	nq	# 93
69) Atrazine	11.20	200	271638	24.779	nq	100
70) Pentachlorophenol	11.31	266	216488	31.239	nq	98
71) Phenanthrene	11.54	178	1364210	25.008	nq	100
72) Anthracene	11.59	178	1403502	25.591	nq	99
73) Carbazole	11.74	167	1218273	22.603	nq	99
74) Di-n-butylphthalate	12.06	149	1508626	25.080	nq	99
75) Fluoranthene	12.73	202	1362238	24.997	nq	99
77) Benzidine	12.84	184	494062	18.640	nq	97
78) Pyrene	12.96	202	1337002	26.332	nq	99
80) Butylbenzylphthalate	13.56	149	559270	27.245	nq	97
81) Benzo(a)anthracene	14.14	228	1006011	24.706	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	131913	9.240	nq	99
83) Chrysene	14.18	228	934929	24.121	nq	100
84) Bis(2-ethylhexyl)phthalate	14.12	149	723402	26.782	nq	96
85) Di-n-octyl phthalate	14.74	149	983419	25.824	nq	99
86) Indeno(1,2,3-cd)pyrene	17.24	276	957346	30.677	nq	# 94
88) Benzo(b)fluoranthene	15.22	252	791123	24.687	nq	98
89) Benzo(k)fluoranthene	15.26	252	724173	22.927	nq	98
90) Benzo(a)pyrene	15.61	252	739782	25.100	nq	# 97
91) Dibenzo(a,h)anthracene	17.26	278	790345	30.258	nq	97
92) Benzo(g,h,i)perylene	17.72	276	823580	31.207	nq	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

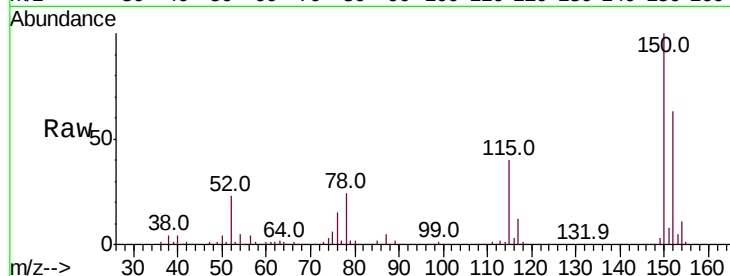


#1

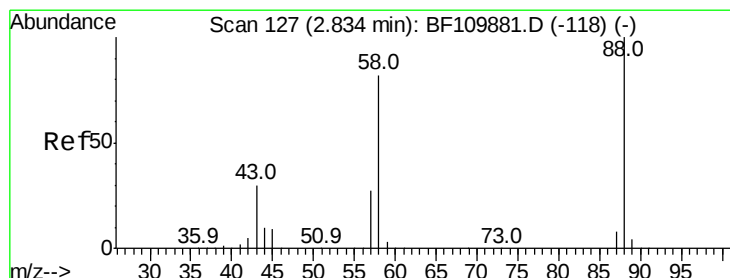
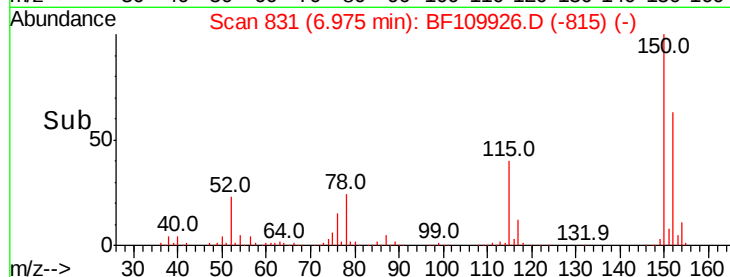
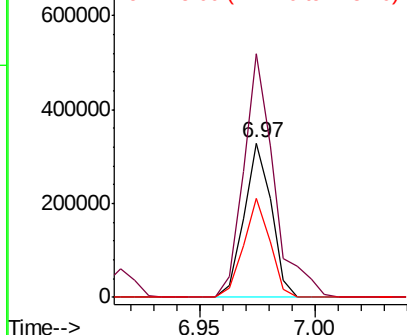
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272214
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 63.8 49.1 73.7



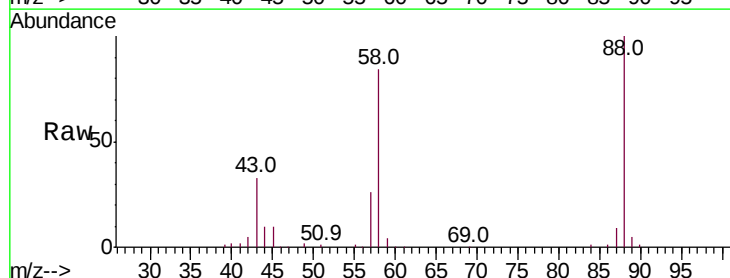
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



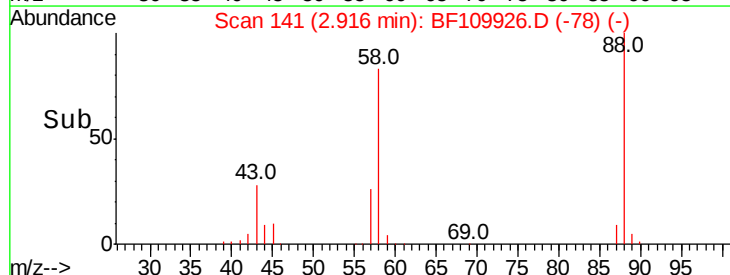
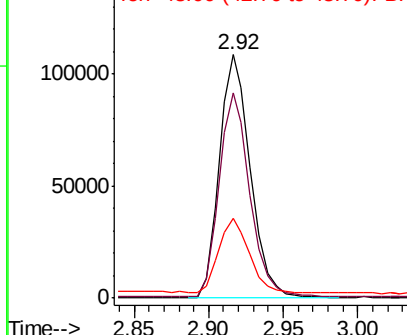
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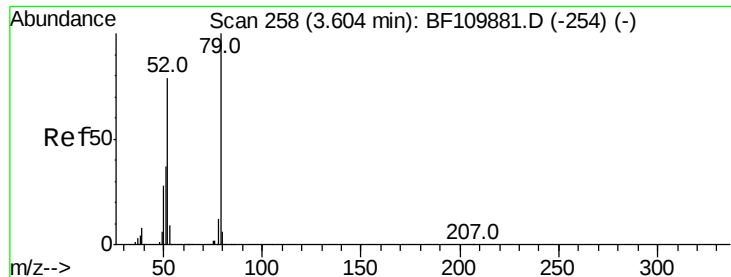
1,4-Dioxane
Concen: 16.207 ng
RT: 2.92 min Scan# 141
Delta R.T. 0.07 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion: 88 Resp: 158080
Ion Ratio Lower Upper
88 100
58 82.4 57.1 85.7
43 29.6 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 20.866 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.05 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

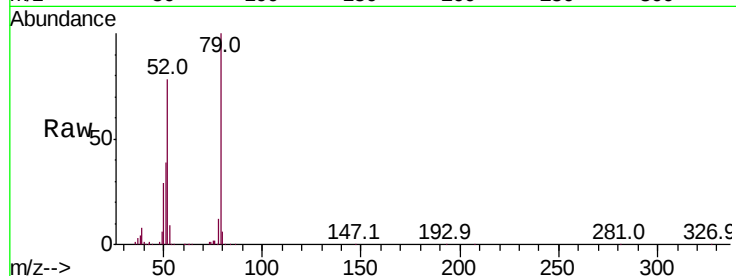
Tot Ion: 79 Resp: 453745

Ion Ratio Lower Upper

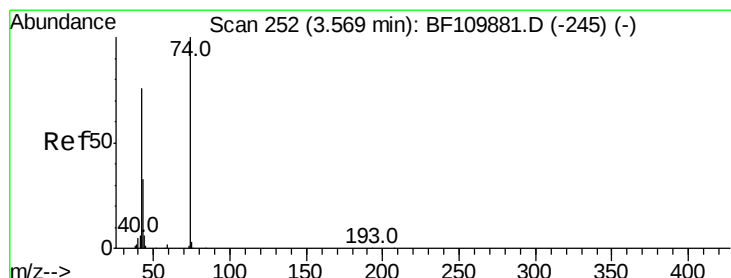
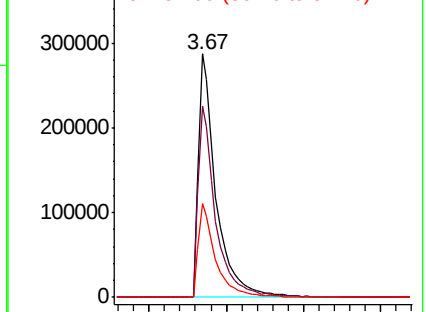
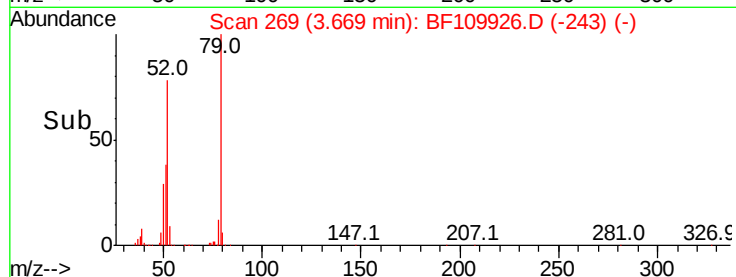
79 100

52 78.5 53.1 79.7

51 38.6 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 23.384 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.05 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

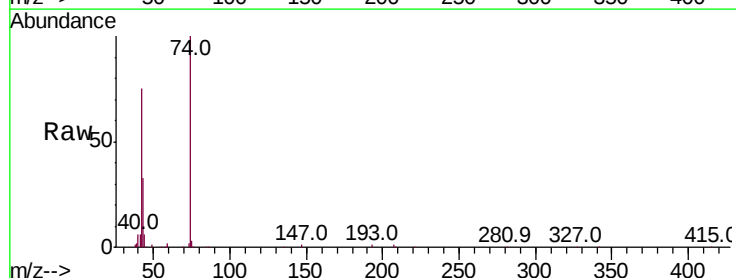
Tgt Ion: 42 Resp: 207426

Ion Ratio Lower Upper

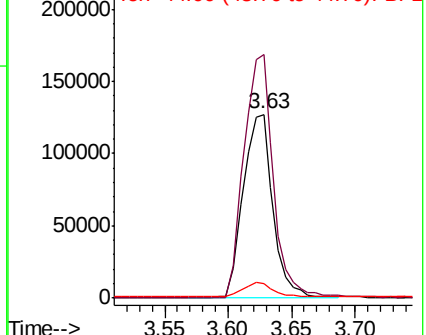
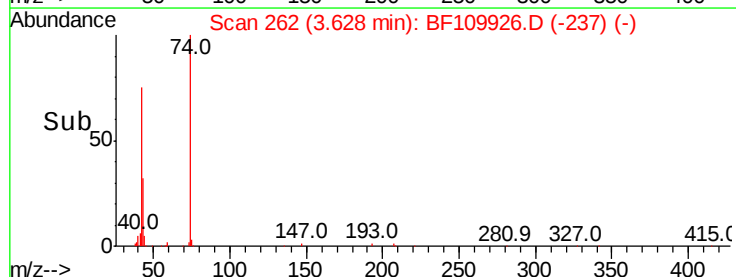
42 100

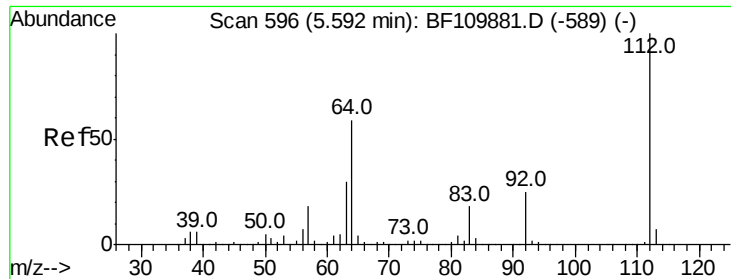
74 132.6 105.5 158.3

44 7.9 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

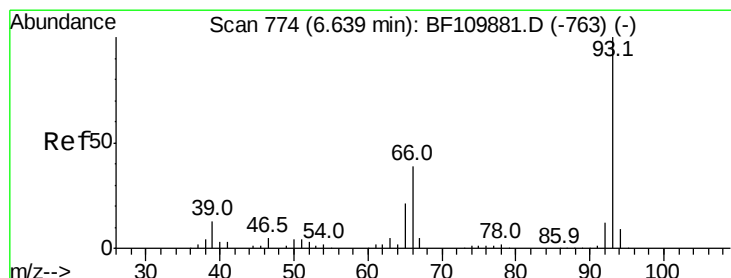
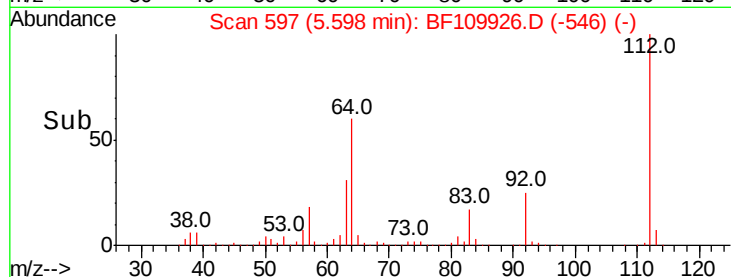
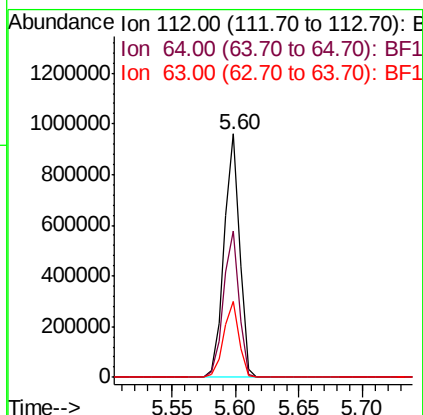
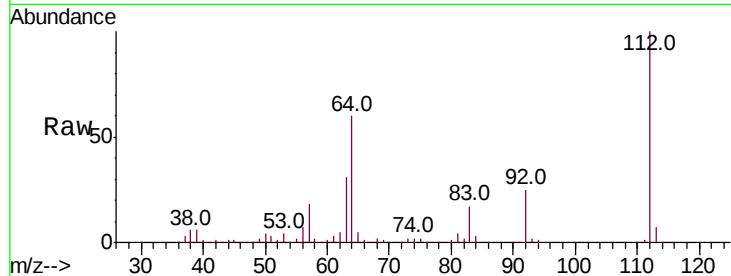




#5
2-Fluorophenol
Concen: 47.698 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

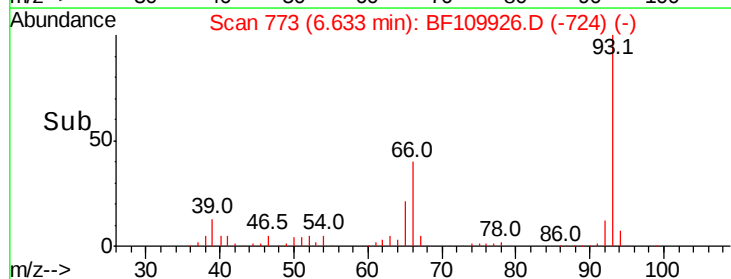
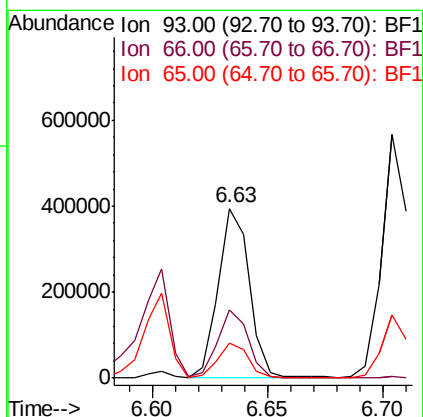
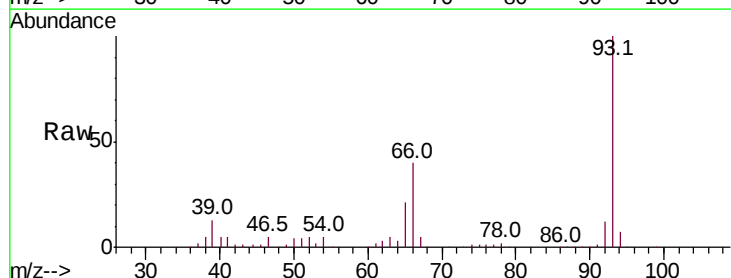
Instrument :
BNA_F
ClientSampleId :

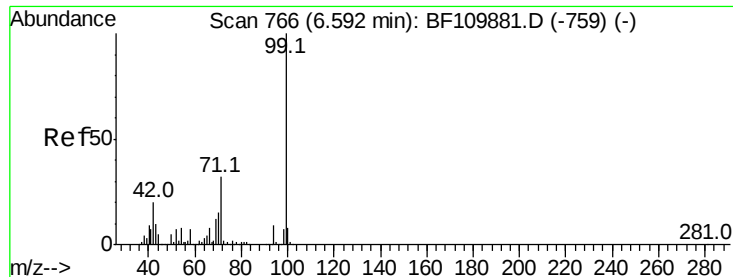
Tot Ion:112 Resp: 819115
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 31.0 23.7 35.5



#6
Aniline
Concen: 12.778 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion: 93 Resp: 367189
Ion Ratio Lower Upper
93 100
66 40.1 67.4 101.0#
65 20.6 41.0 61.4#





#7

Phenol-d6

Concen: 48.199 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

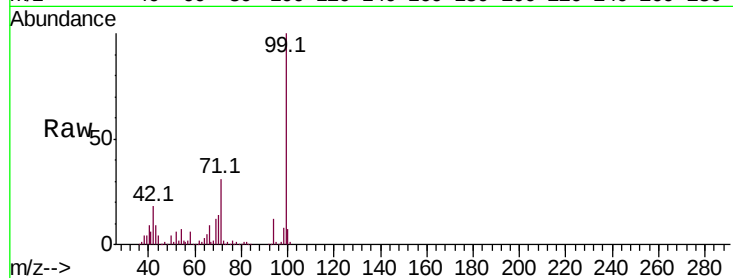
Tot Ion: 99 Resp: 1027812

Ion Ratio Lower Upper

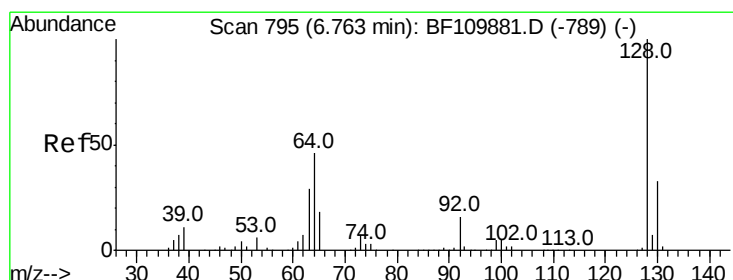
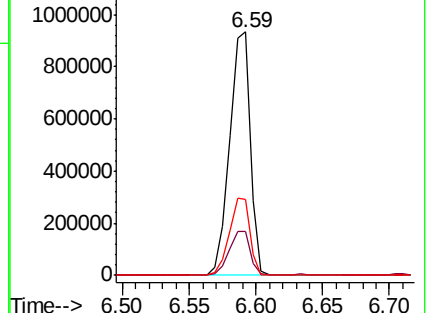
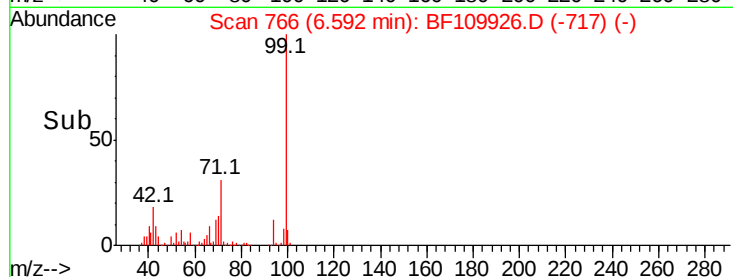
99 100

42 18.1 15.8 23.6

71 31.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 23.496 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

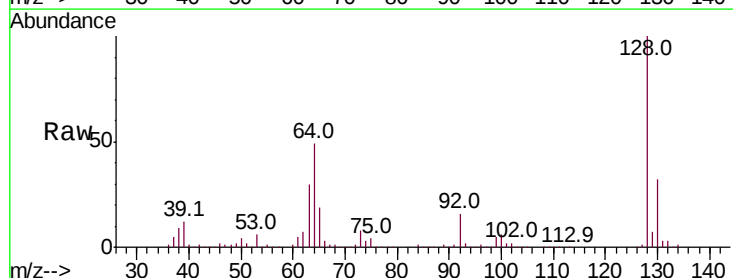
Tgt Ion: 128 Resp: 451972

Ion Ratio Lower Upper

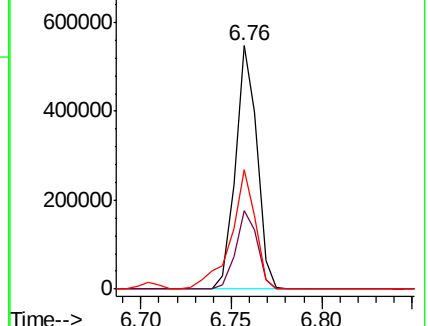
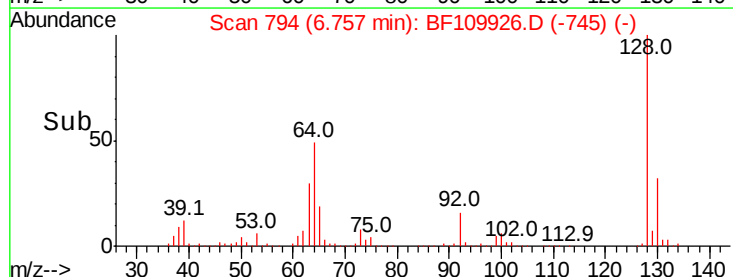
128 100

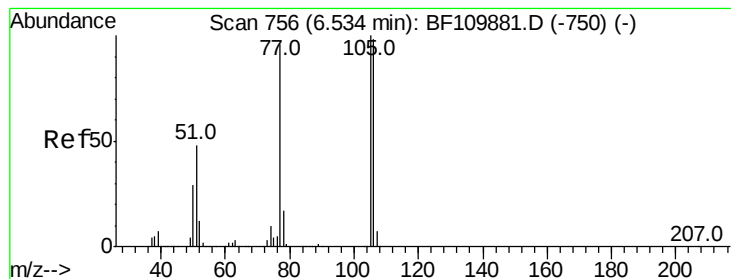
130 32.5 13.1 53.1

64 48.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.601 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

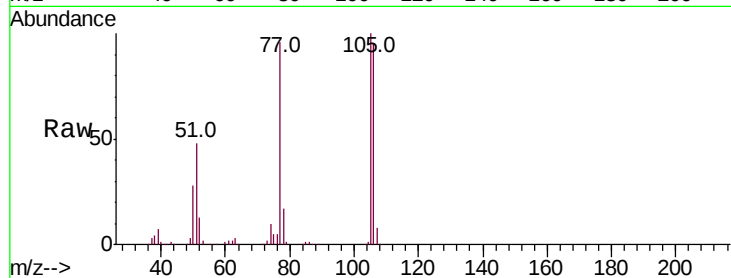
Tot Ion: 77 Resp: 188474

Ion Ratio Lower Upper

77 100

105 104.3 78.6 118.6

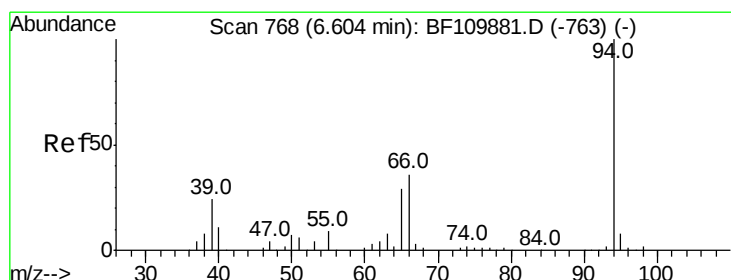
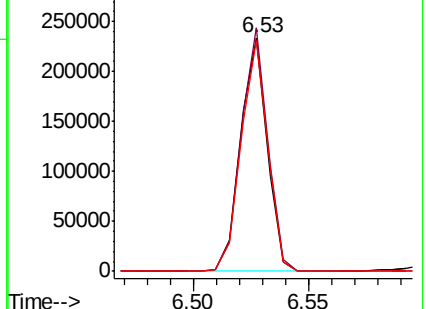
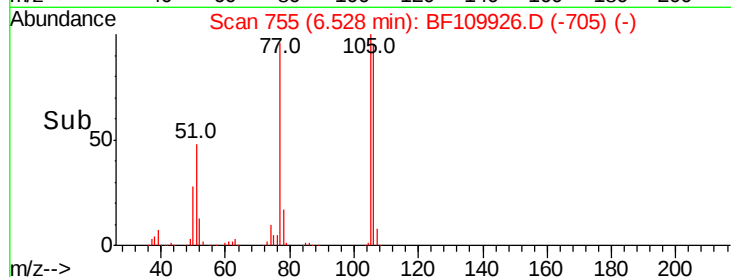
106 99.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 23.356 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

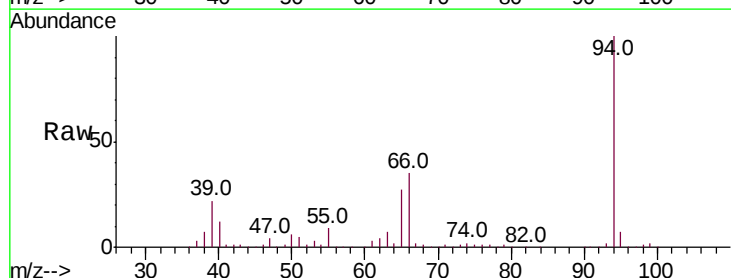
Tgt Ion: 94 Resp: 537737

Ion Ratio Lower Upper

94 100

65 27.0 25.3 65.3

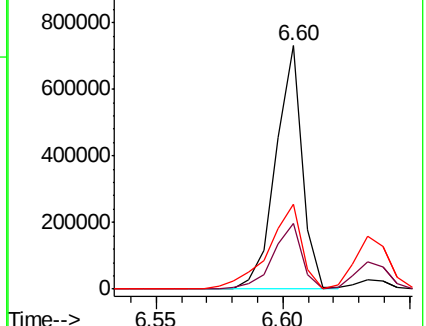
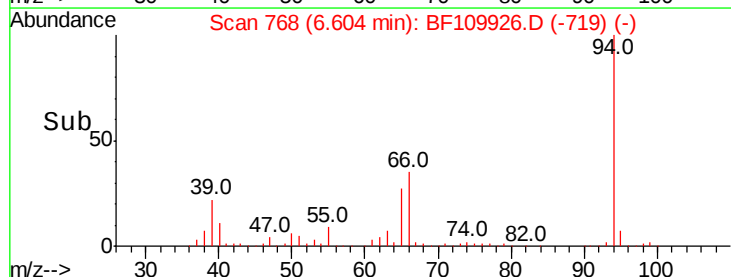
66 35.0 54.5 94.5#

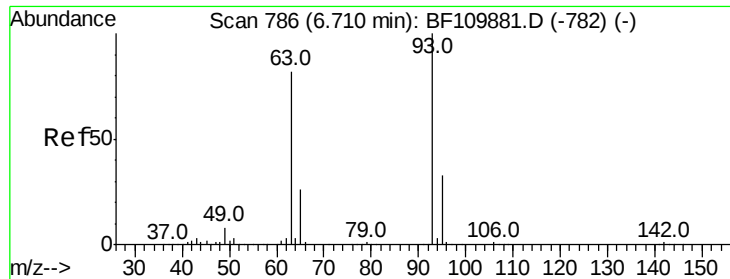


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

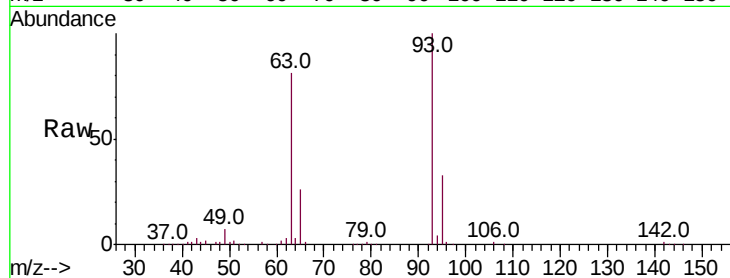




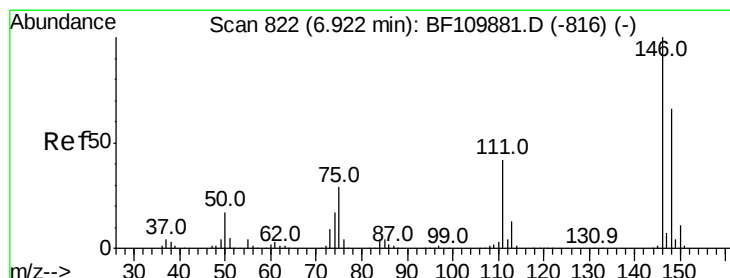
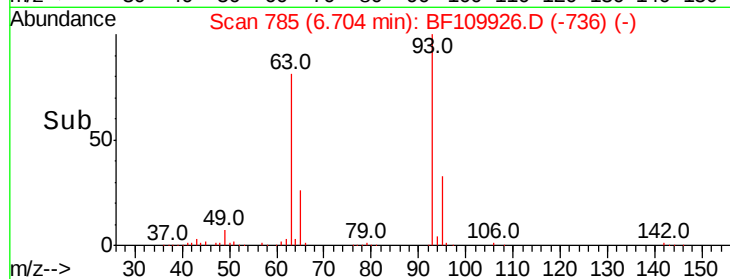
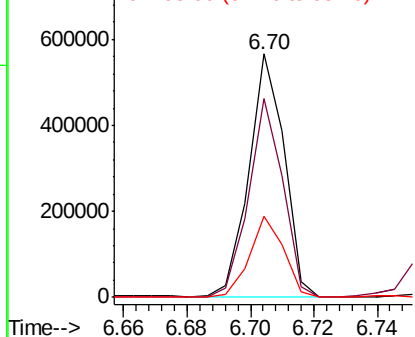
#11
bis(2-Chloroethyl)ether
Concen: 22.618 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 435403
Ion Ratio Lower Upper
93 100
63 81.4 53.4 93.4
95 33.0 12.1 52.1

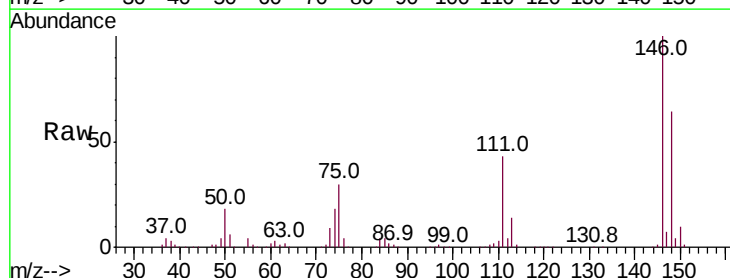


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

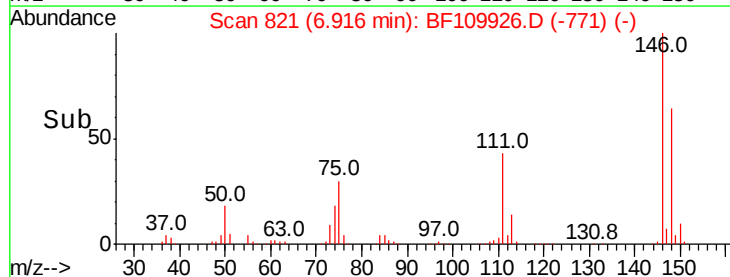
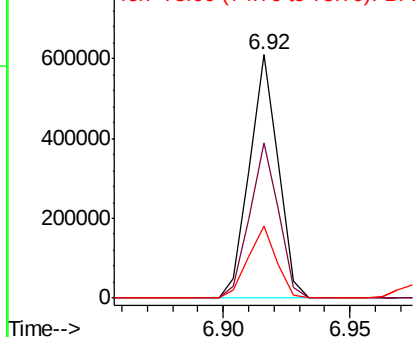


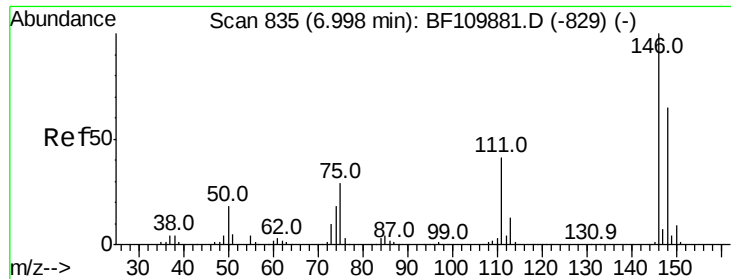
#12
1,3-Dichlorobenzene
Concen: 22.866 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion: 146 Resp: 482313
Ion Ratio Lower Upper
146 100
148 63.8 50.4 75.6
75 29.7 25.8 38.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

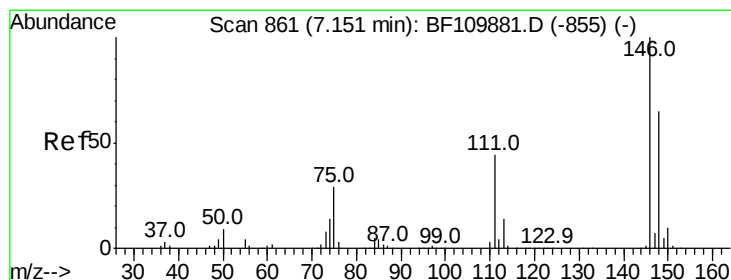
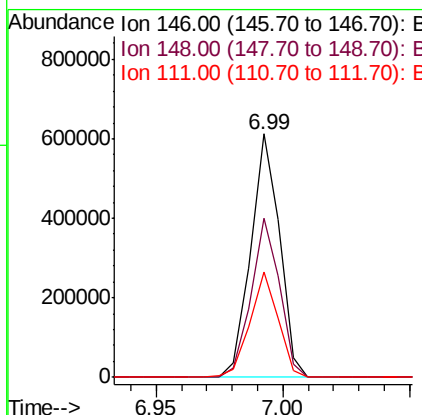
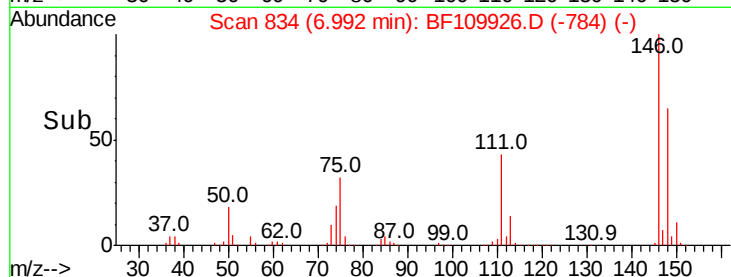
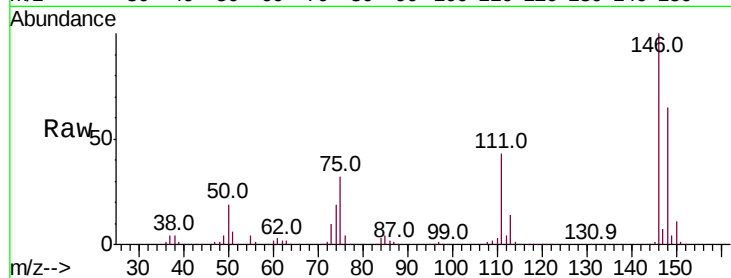




#13
 1,4-Dichlorobenzene
 Concen: 22.832 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

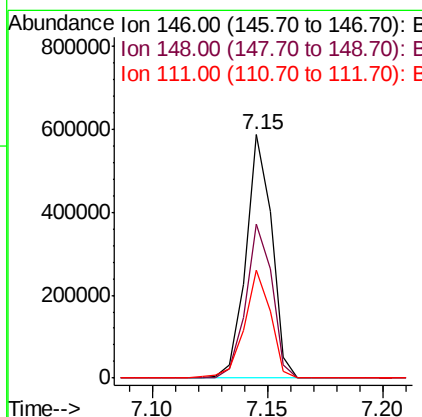
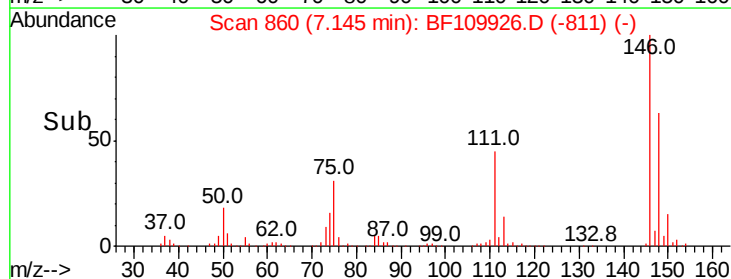
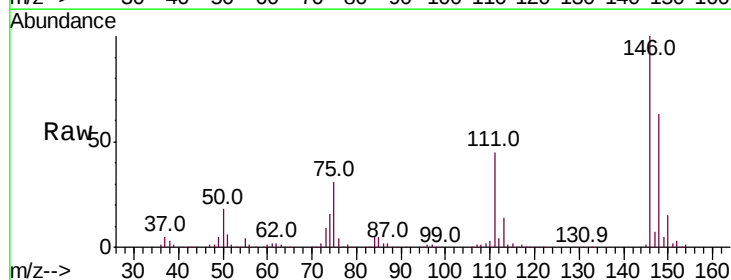
Instrument :
 BNA_F
 ClientSampleId :

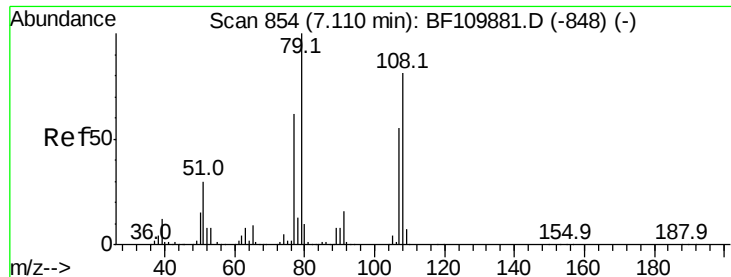
Tot Ion:146 Resp: 485031
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.3 75.5
 111 43.1 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 23.484 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:146 Resp: 459393
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 44.6 35.8 53.6





#15

Benzyl Alcohol

Concen: 23.719 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampled :

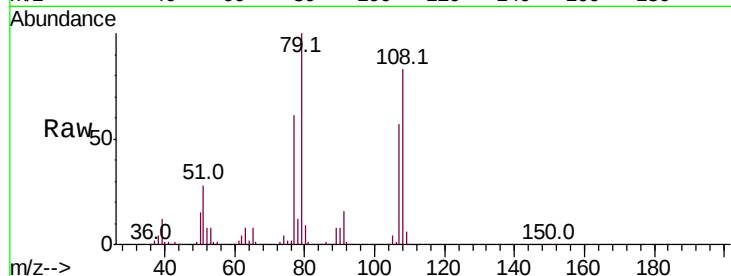
Tot Ion: 79 Resp: 389124

Ion Ratio Lower Upper

79 100

108 83.1 56.3 84.5

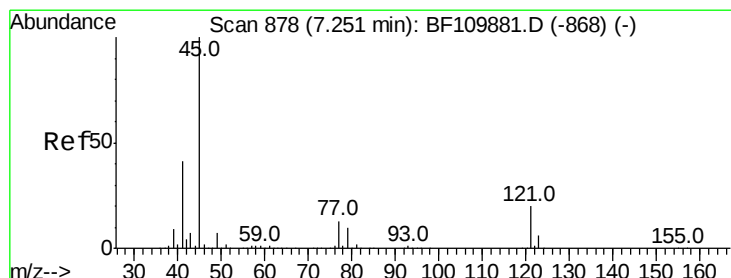
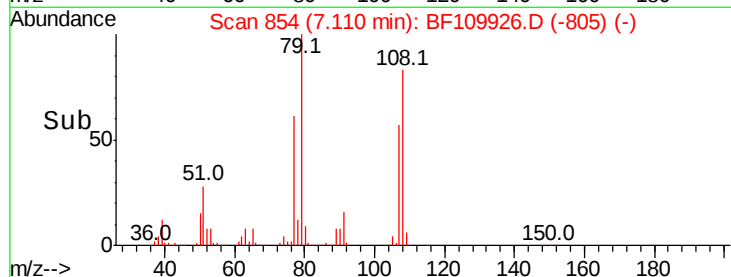
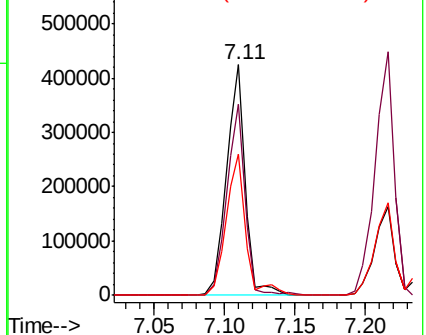
77 61.4 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 22.965 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

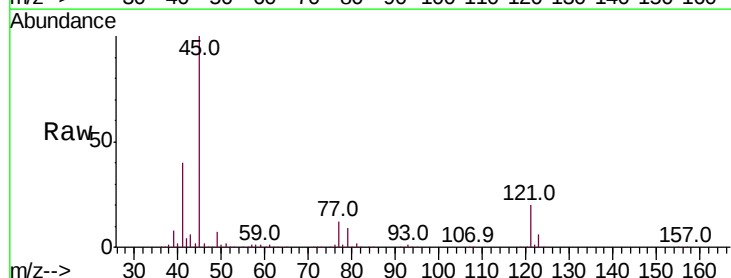
Tgt Ion: 45 Resp: 725591

Ion Ratio Lower Upper

45 100

77 12.1 10.0 50.0

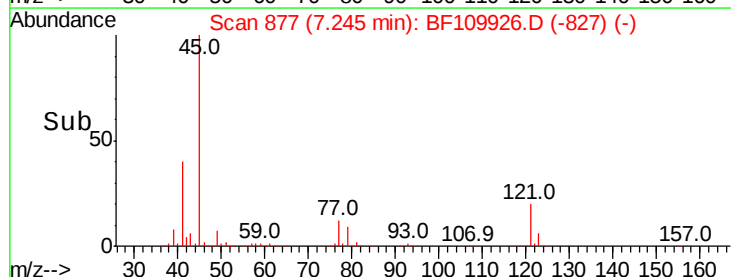
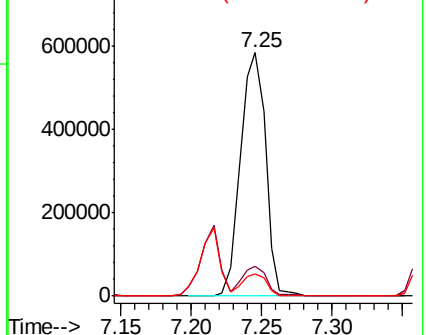
79 9.2 6.1 46.1

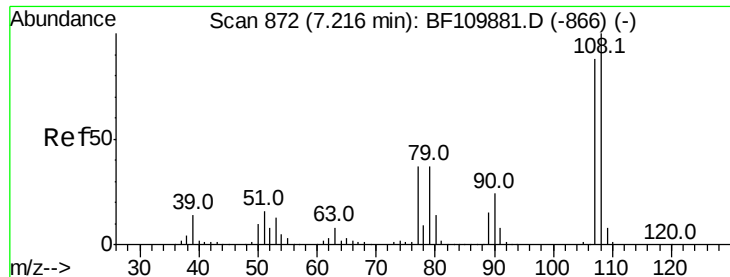


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

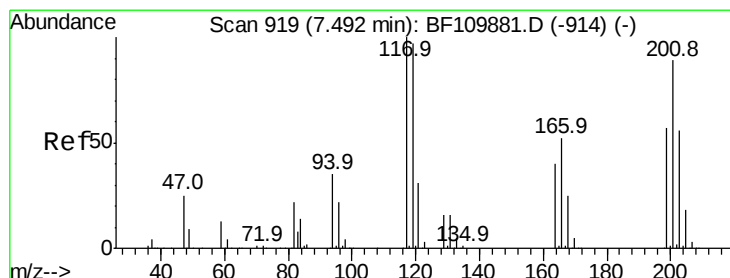
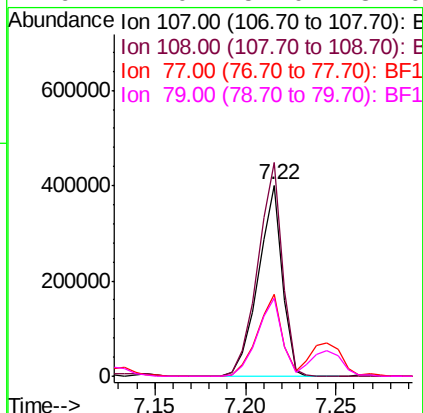
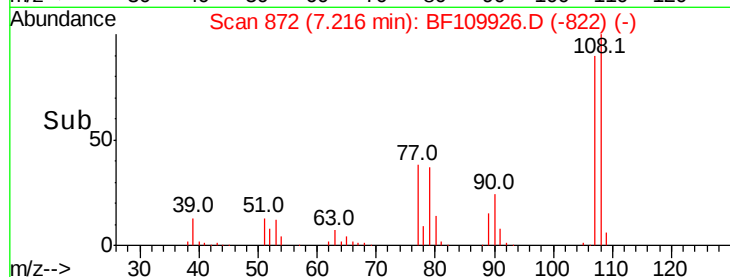
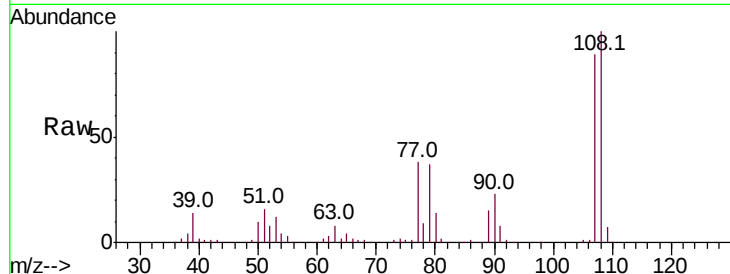




#17
2-Methylphenol
Concen: 23.971 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

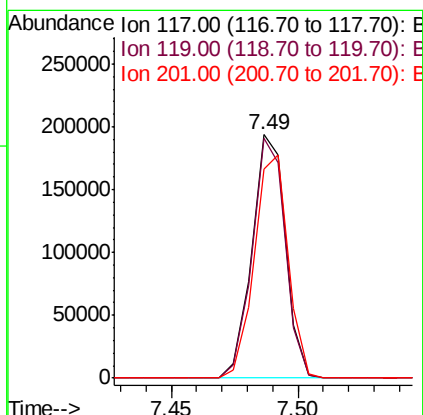
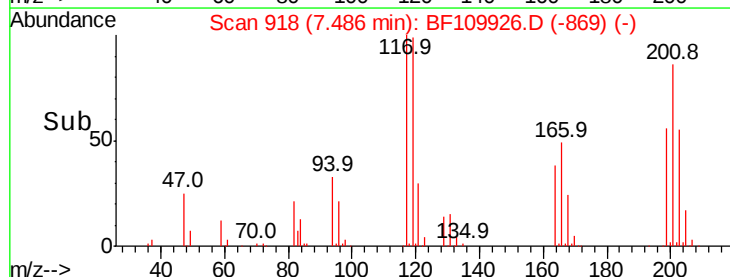
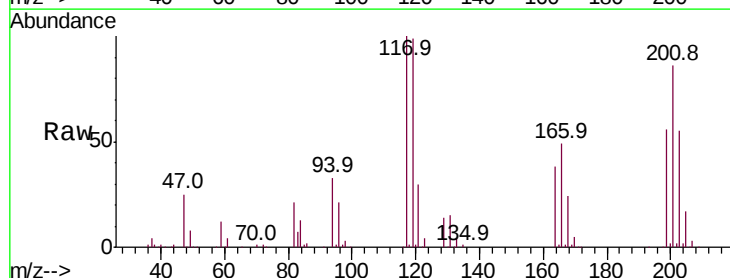
Instrument :
BNA_F
ClientSampleId :

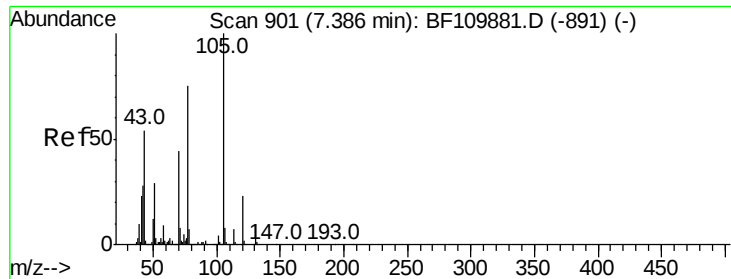
Tot Ion:107 Resp: 371823
Ion Ratio Lower Upper
107 100
108 111.9 92.6 138.8
77 42.8 59.4 89.2#
79 41.0 54.0 81.0#



#18
Hexachloroethane
Concen: 23.745 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:117 Resp: 178258
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
201 86.0 79.2 118.8

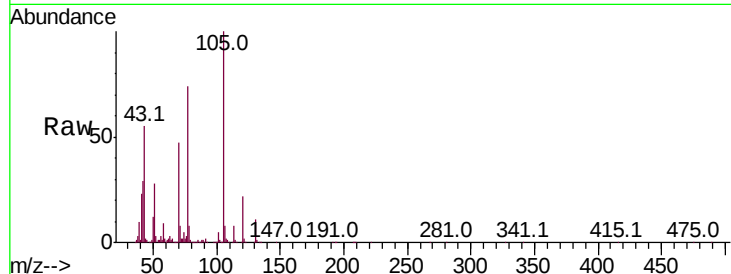




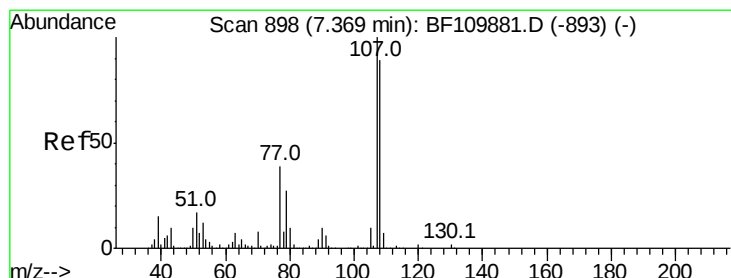
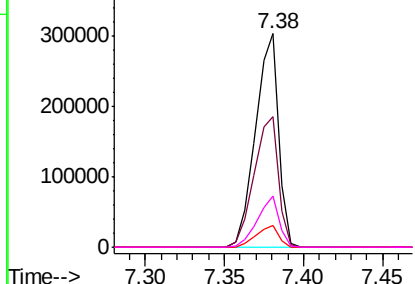
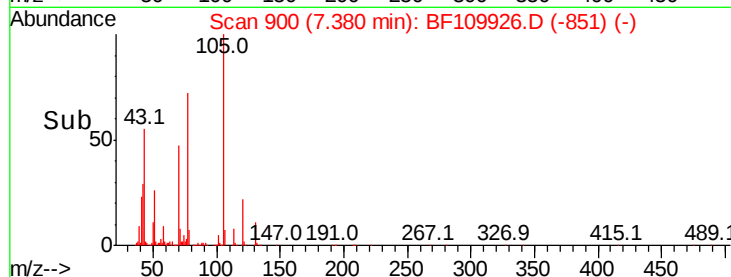
#19
n-Nitroso-di-n-propylamine
Concen: 22.478 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	307770
Ion	Ratio	Lower	Upper
70	100		
42	61.3	47.4	71.2
101	9.9	7.3	10.9
130	24.1	16.2	24.2

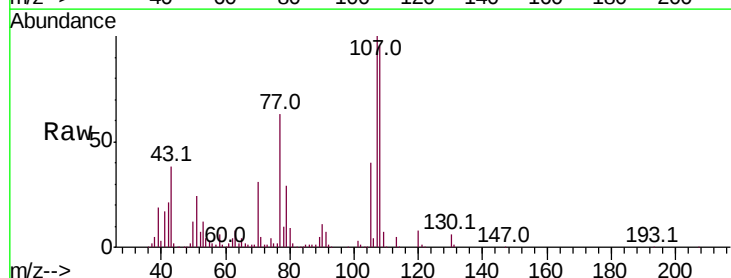


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

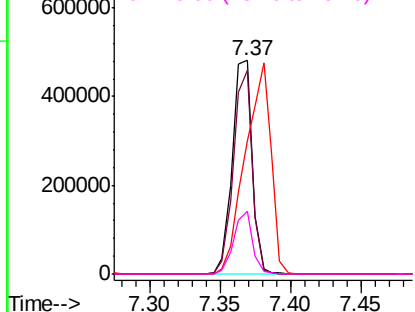
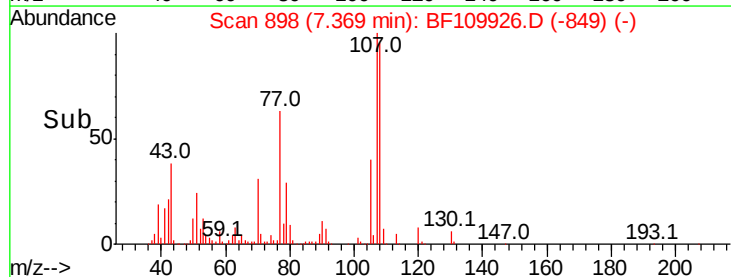


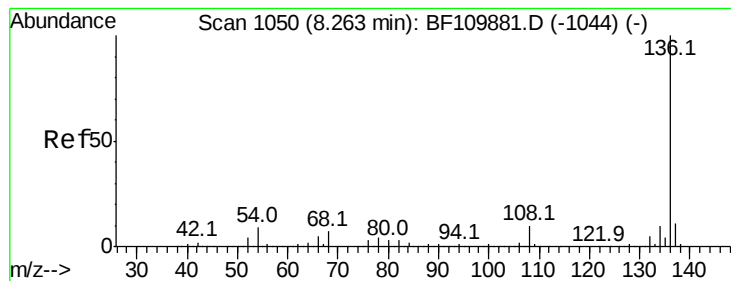
#20
3+4-Methylphenols
Concen: 24.100 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:	107	Resp:	474386
Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.4	111.4
77	62.5	47.3	87.3
79	29.5	10.9	50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1137229

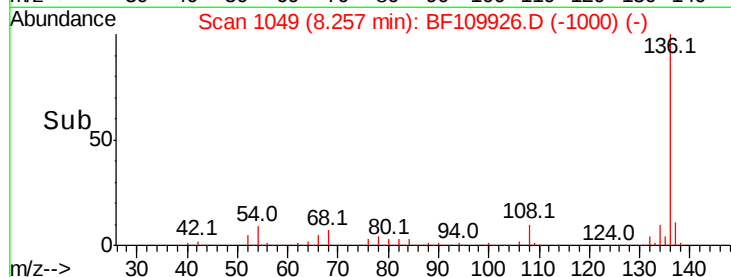
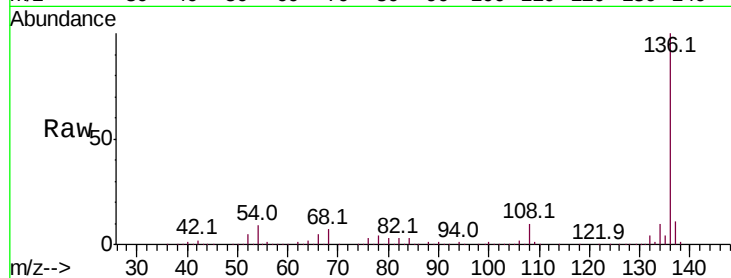
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.1 5.4 8.2#

68 6.6 4.2 6.2#

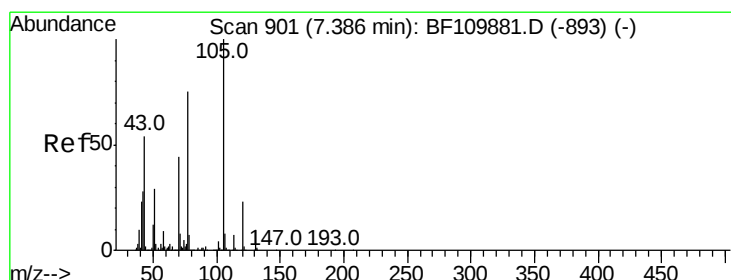
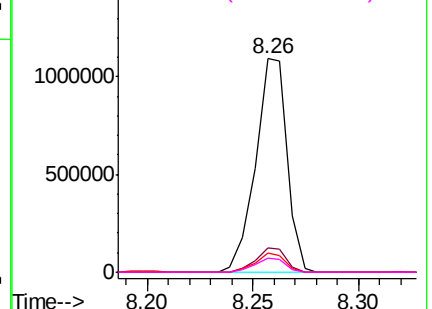


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 23.873 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:105 Resp: 629606

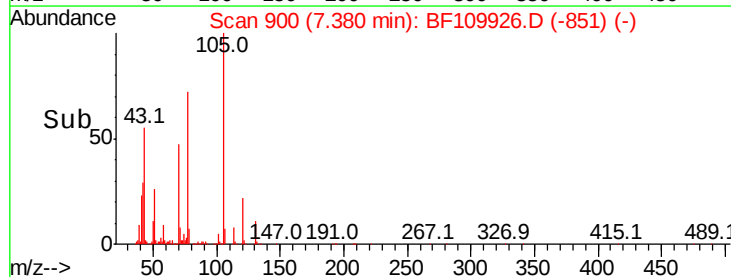
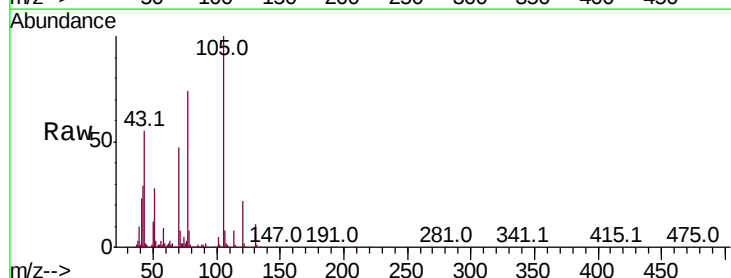
Ion Ratio Lower Upper

105 100

71 7.8 5.2 7.8

51 27.8 21.8 32.8

120 22.2 17.0 25.4

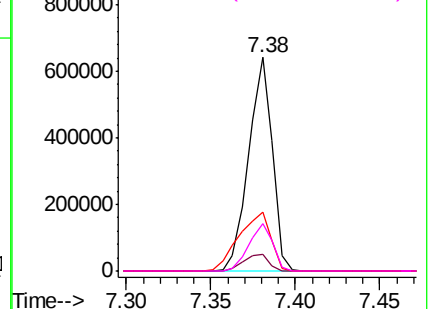


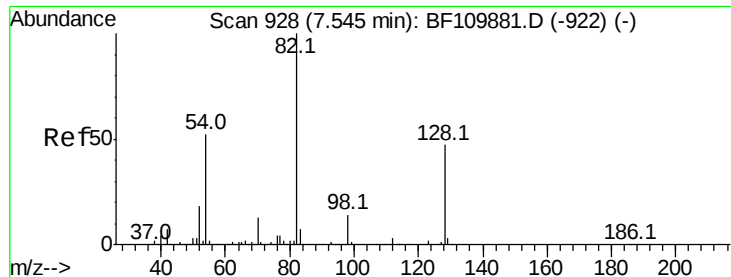
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

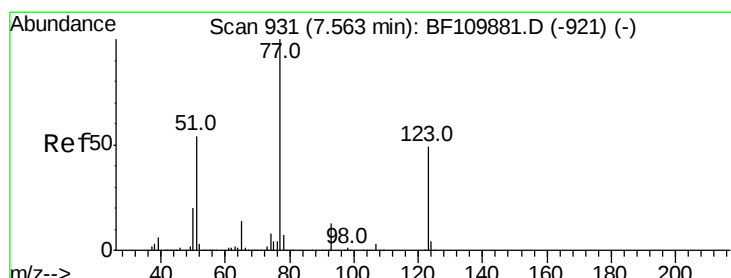
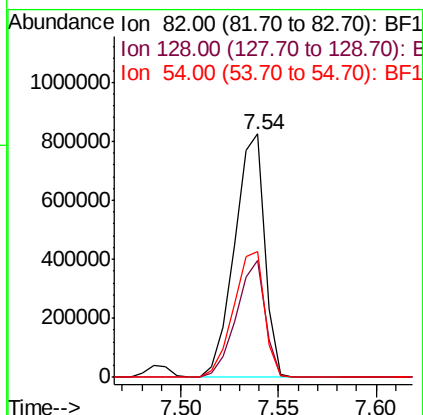
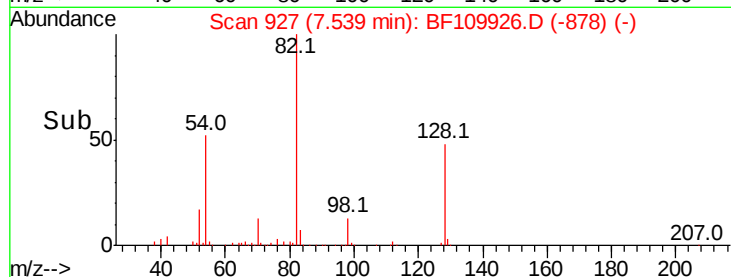
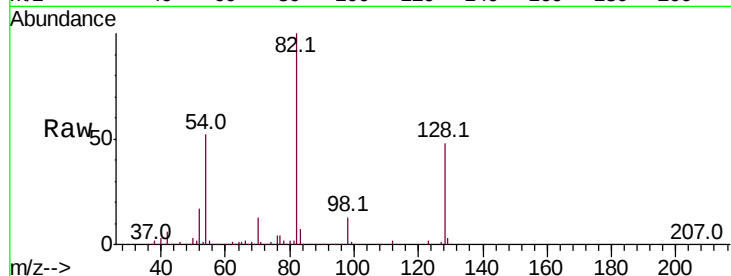




#23
Nitrobenzene-d5
Concen: 52.203 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

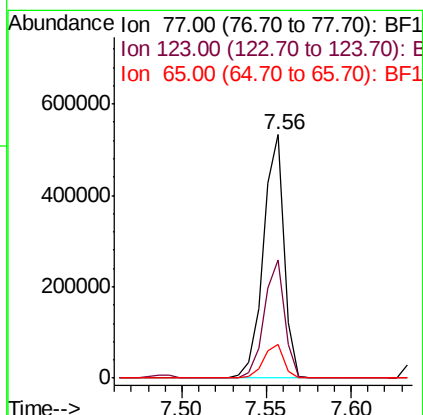
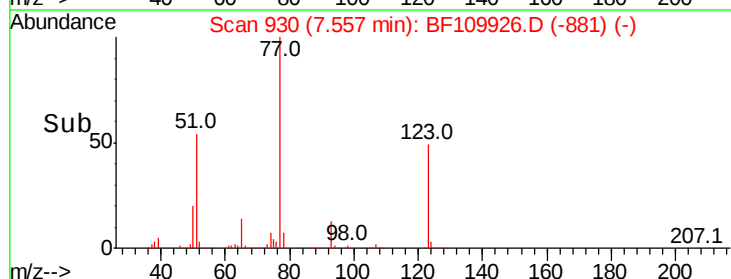
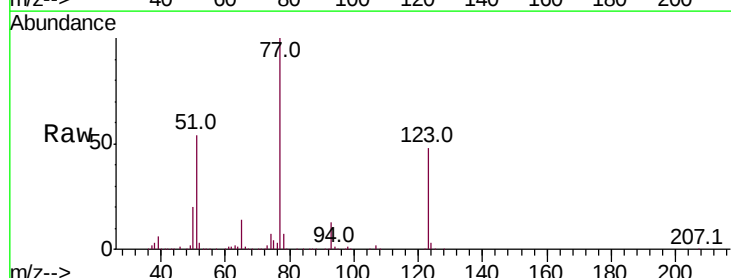
Instrument :
BNA_F
ClientSampleId :

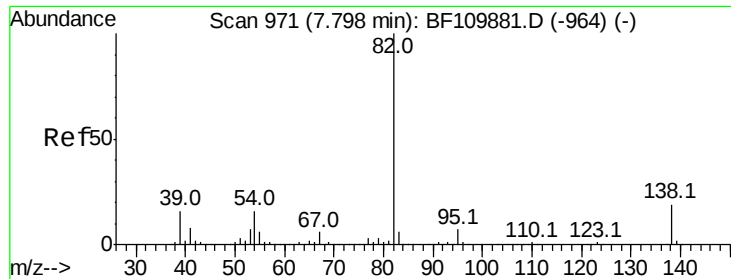
Tot Ion: 82 Resp: 881290
Ion Ratio Lower Upper
82 100
128 48.1 34.2 51.2
54 51.9 38.6 58.0



#24
Nitrobenzene
Concen: 24.645 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion: 77 Resp: 451983
Ion Ratio Lower Upper
77 100
123 48.3 35.7 53.5
65 13.9 10.7 16.1

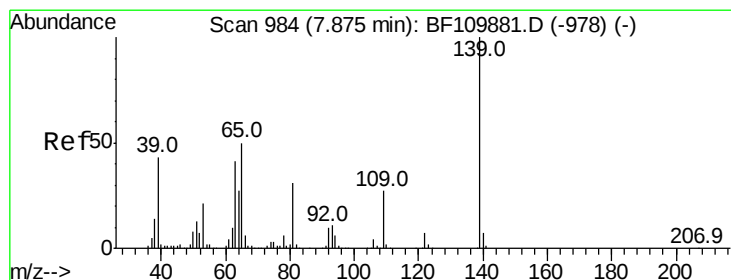
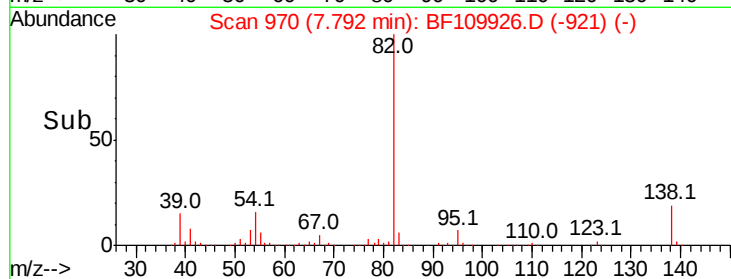
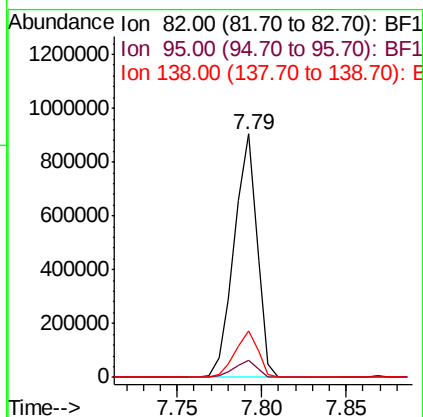
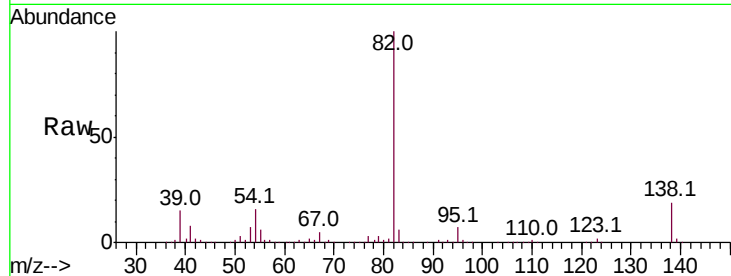




#25
Isophorone
Concen: 25.752 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

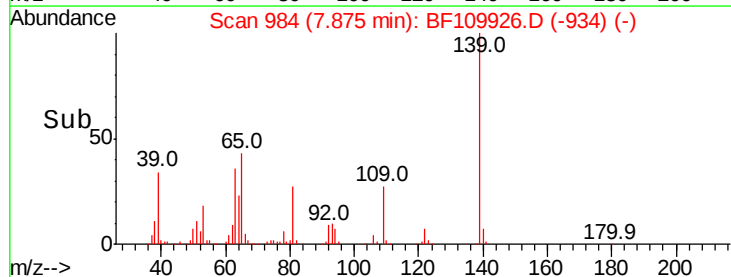
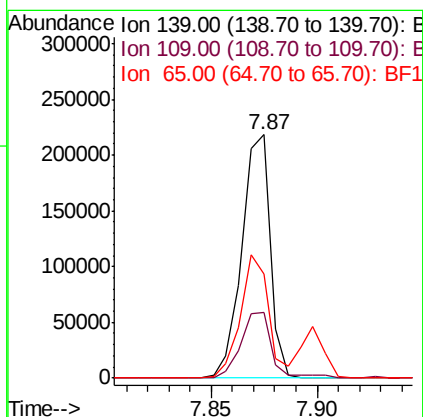
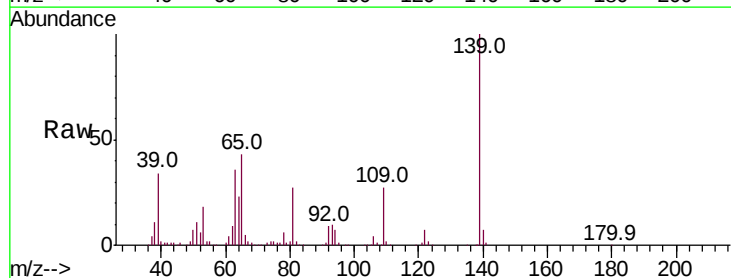
Instrument :
BNA_F
ClientSampleId :

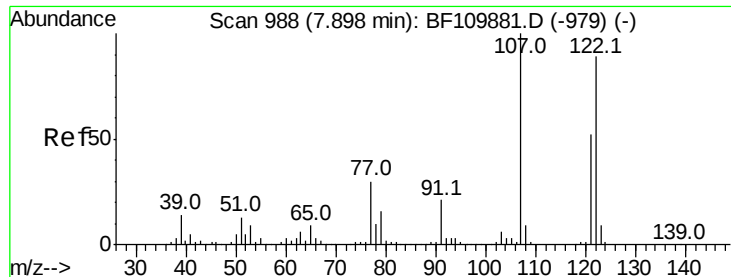
Tot Ion: 82 Resp: 854225
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 19.3 13.2 19.8



#26
2-Nitrophenol
Concen: 26.767 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion: 139 Resp: 203533
Ion Ratio Lower Upper
139 100
109 26.9 25.0 37.6
65 42.8 44.0 66.0#

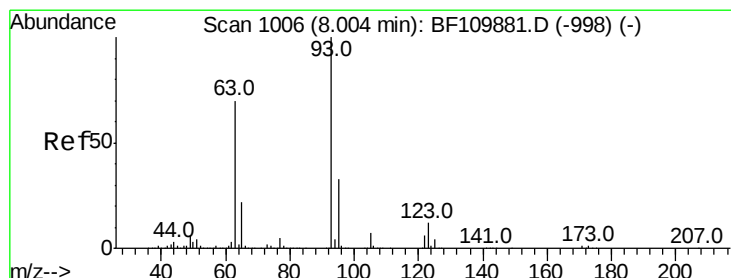
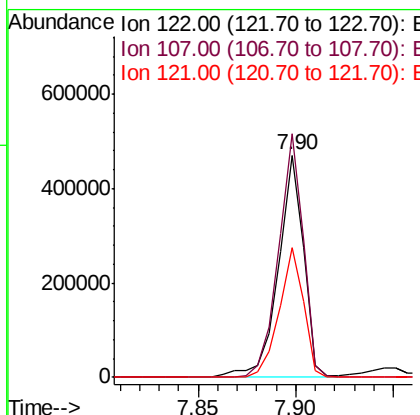
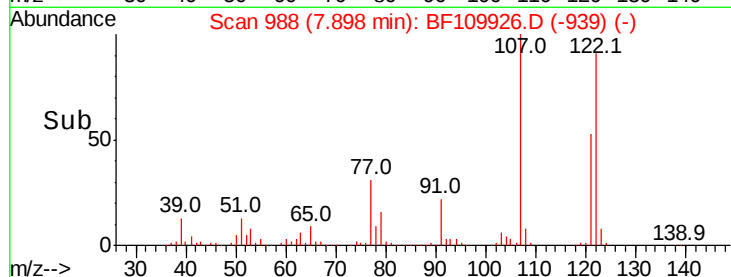
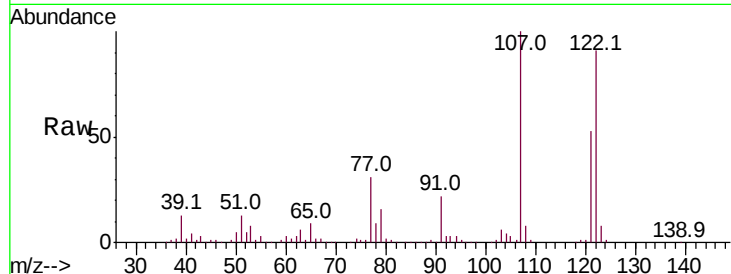




#27
 2,4-Dimethylphenol
 Concen: 26.448 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

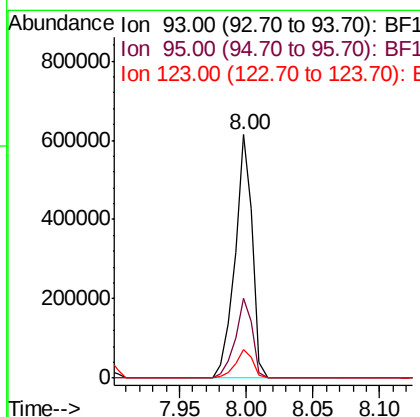
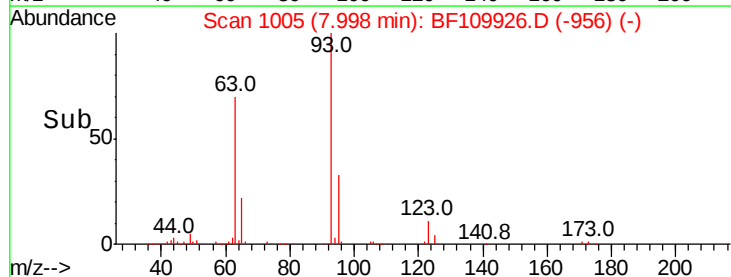
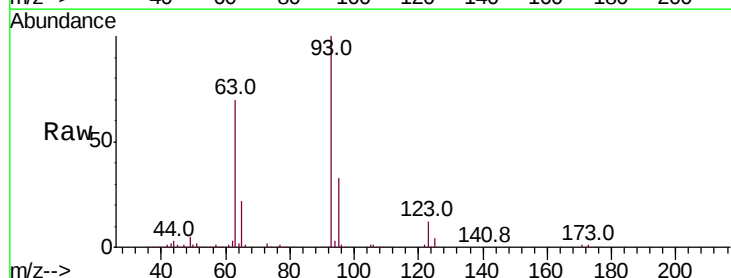
Instrument :
 BNA_F
 ClientSampleId :

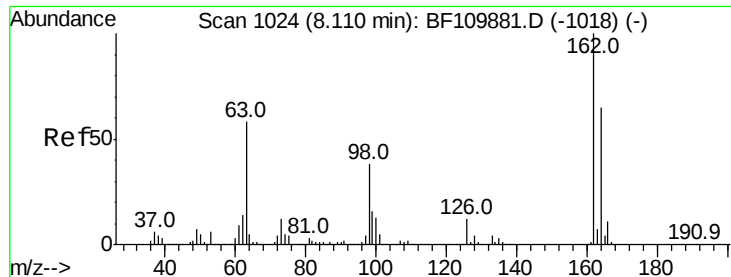
Tot Ion:122 Resp: 422571
 Ion Ratio Lower Upper
 122 100
 107 109.7 92.5 138.7
 121 58.5 45.8 68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.410 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion: 93 Resp: 555689
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.4 39.6
 123 11.6 9.0 13.6

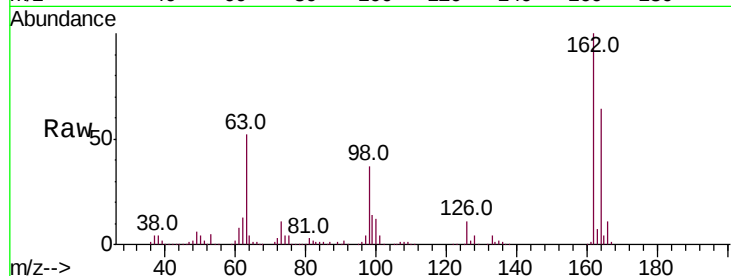




#29
 2,4-Dichlorophenol
 Concen: 24.239 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.6	84.6
98	36.6	17.4	57.4

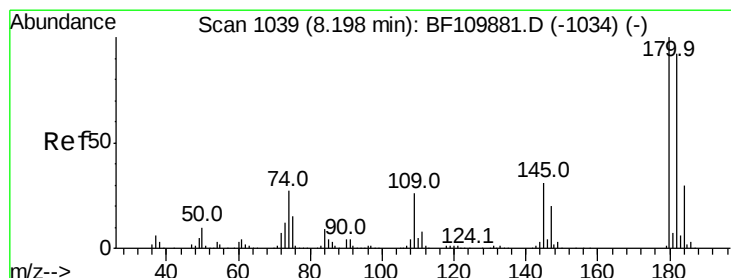
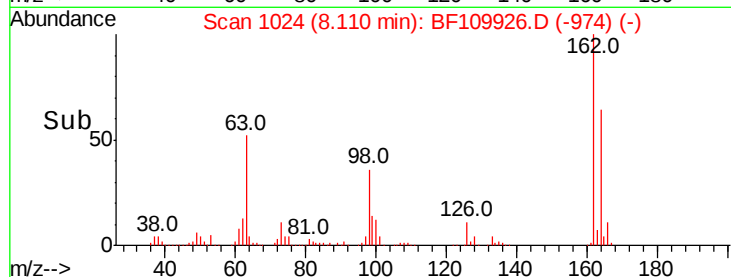
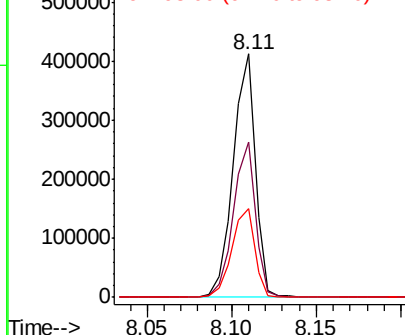


Abundance

Ion 162.00 (161.70 to 162.70): E

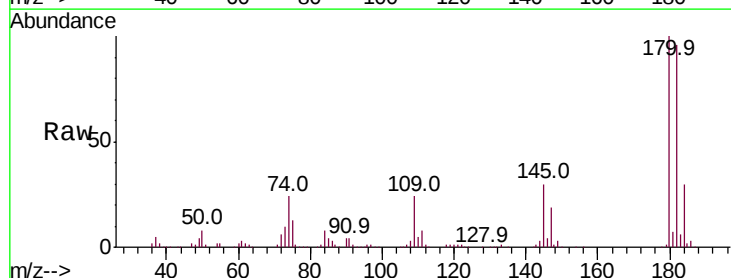
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 23.006 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	80.3	120.5
145	30.3	25.4	38.0

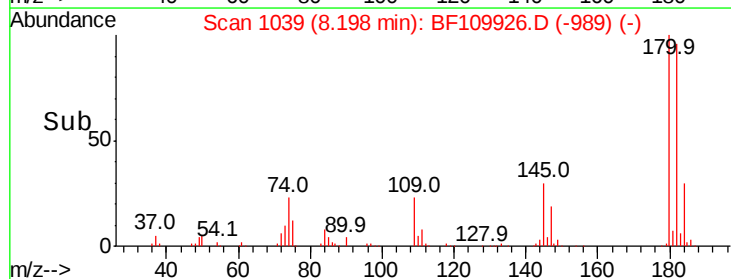
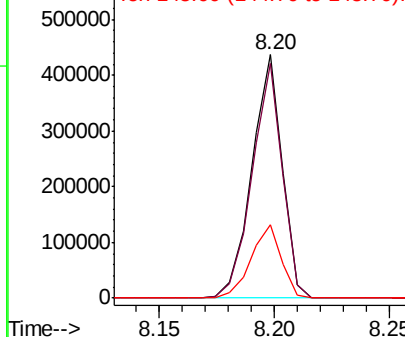


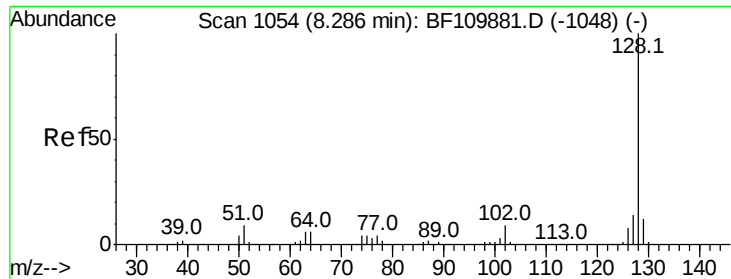
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

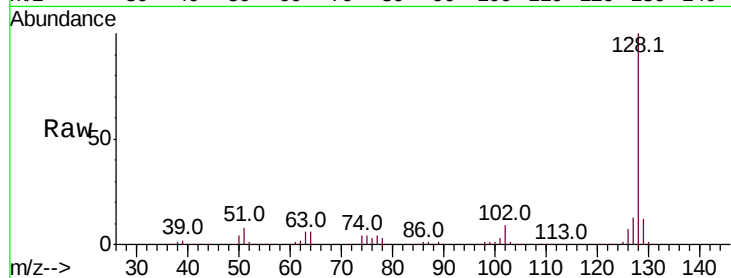




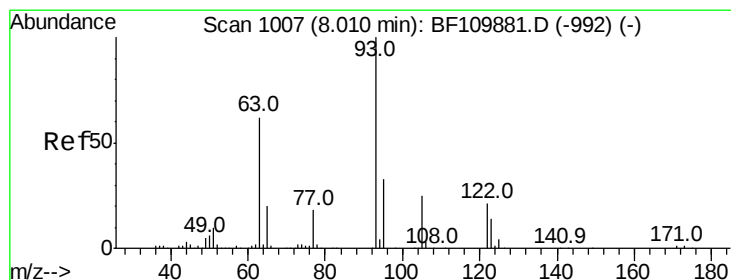
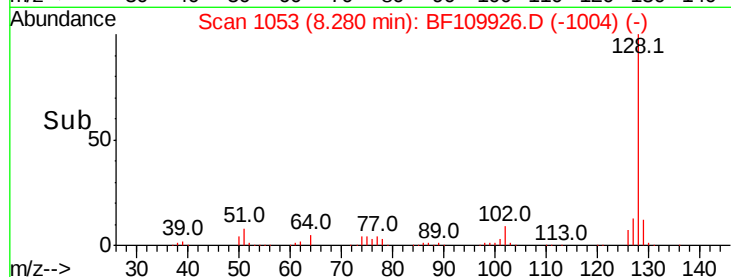
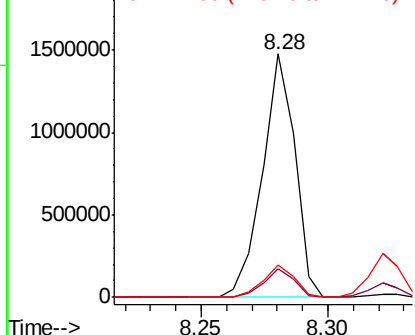
#31
Naphthalene
Concen: 25.185 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1313357
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.1 10.8 16.2

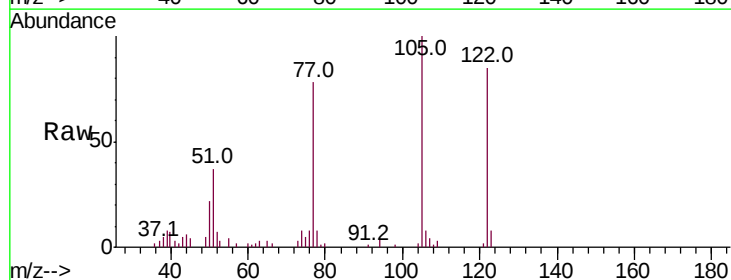


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

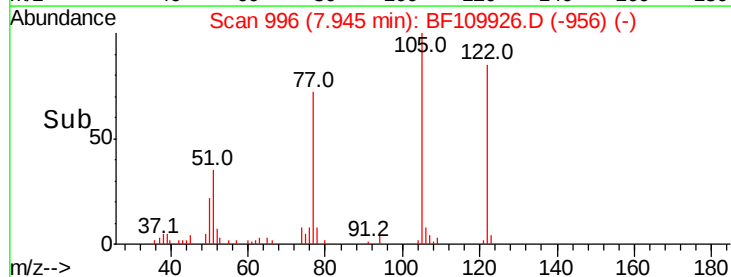
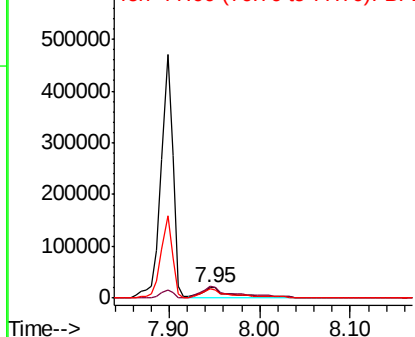


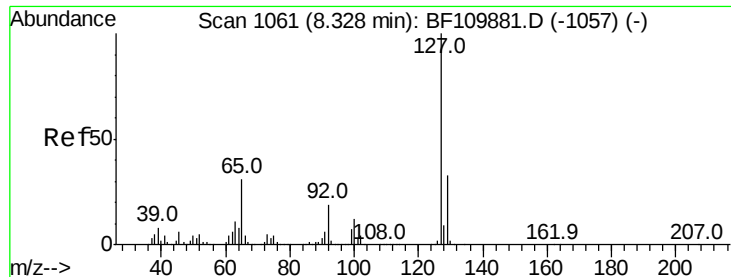
#32
Benzoic acid
Concen: 4.829 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.06 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:122 Resp: 48077
Ion Ratio Lower Upper
122 100
105 117.6 109.0 149.0
77 91.8 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

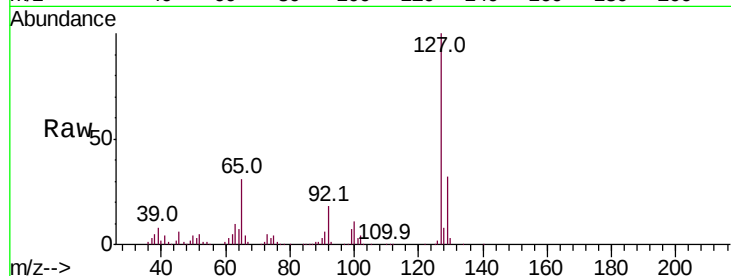




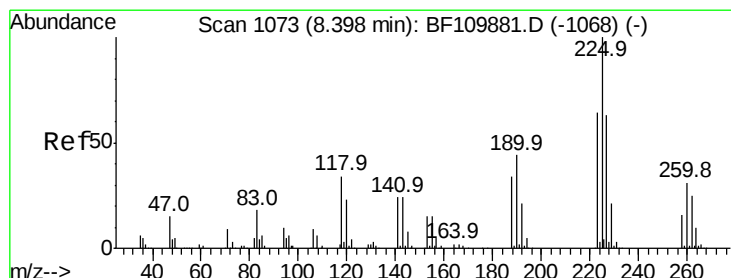
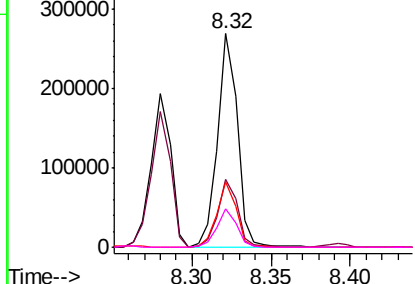
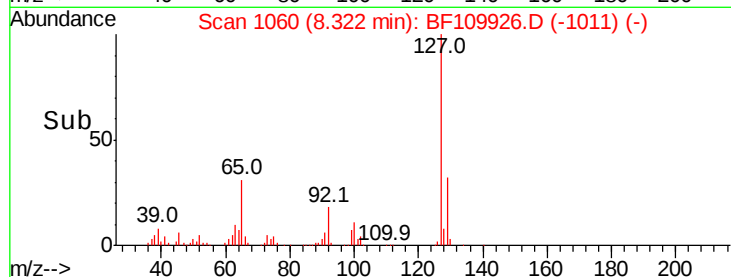
#33
4-Chloroaniline
Concen: 9.975 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	233836
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	30.6	25.1	37.7
92	17.7	15.0	22.6

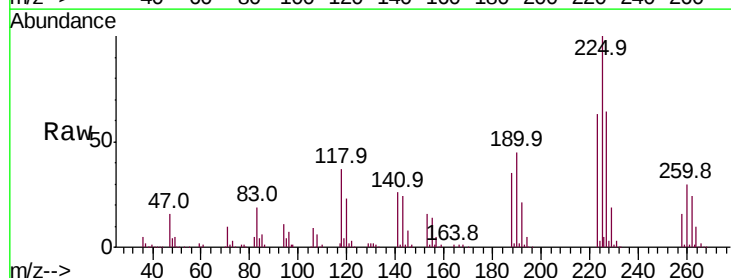


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

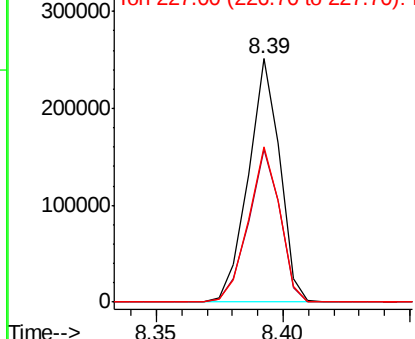
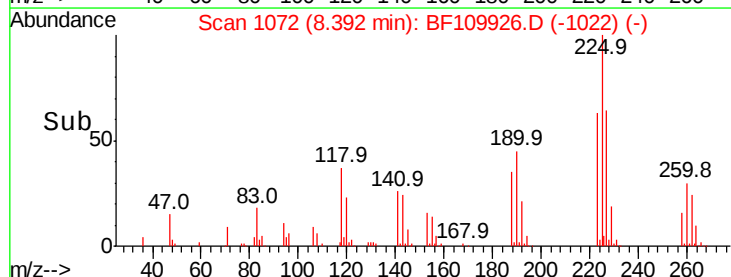


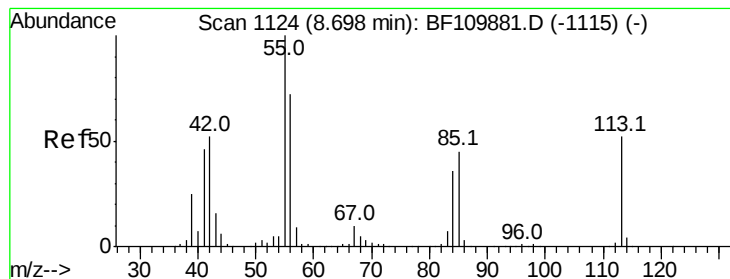
#34
Hexachlorobutadiene
Concen: 22.696 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:	225	Resp:	217195
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.2
227	64.0	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 13.598 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.03 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampled :

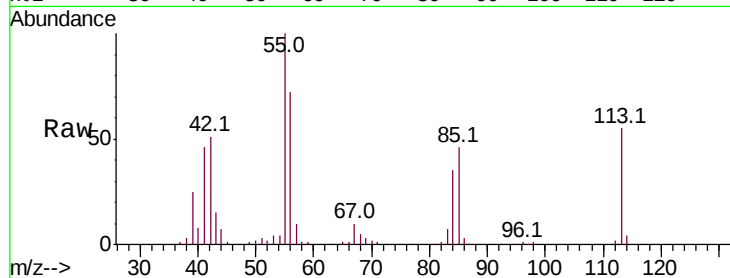
Tot Ion:113 Resp: 74854

Ion Ratio Lower Upper

113 100

55 183.3 142.8 182.8#

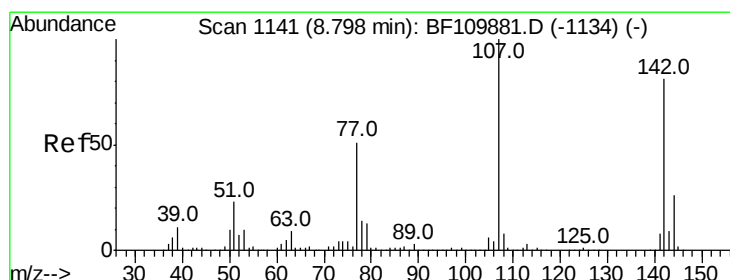
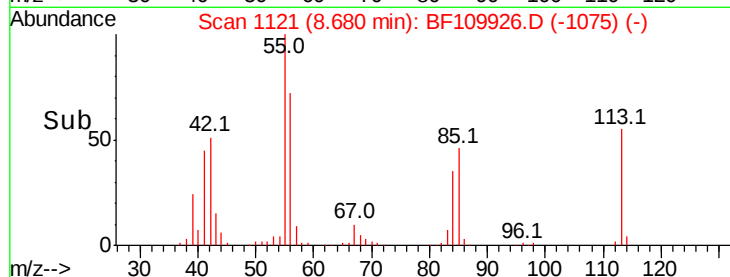
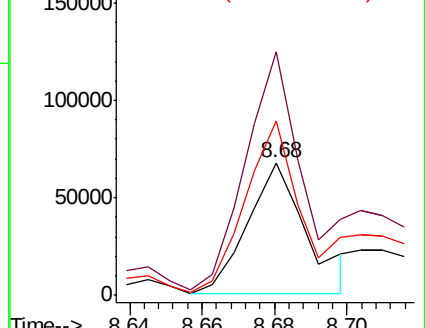
56 131.6 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 24.539 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

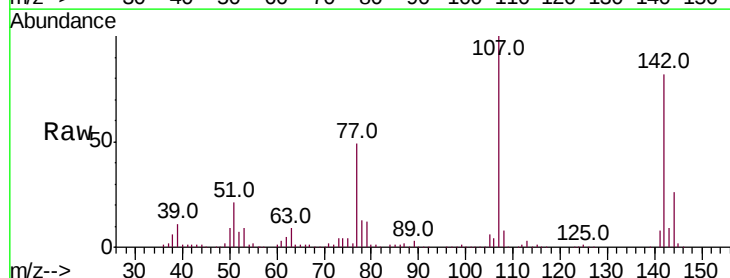
Tgt Ion:107 Resp: 401236

Ion Ratio Lower Upper

107 100

144 26.4 20.0 30.0

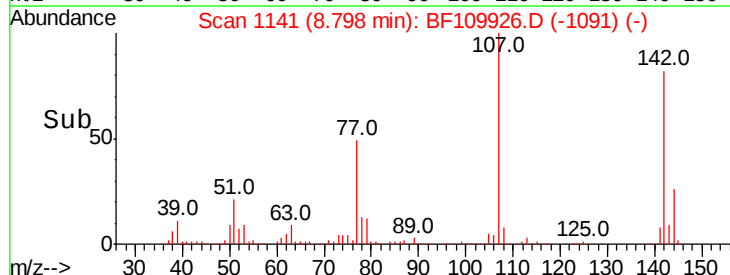
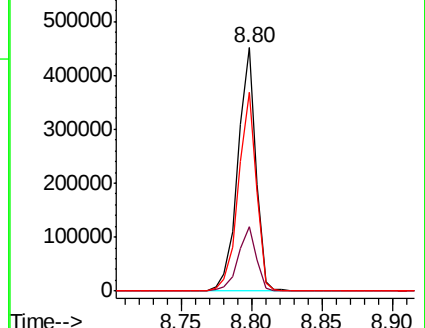
142 81.5 59.7 89.5

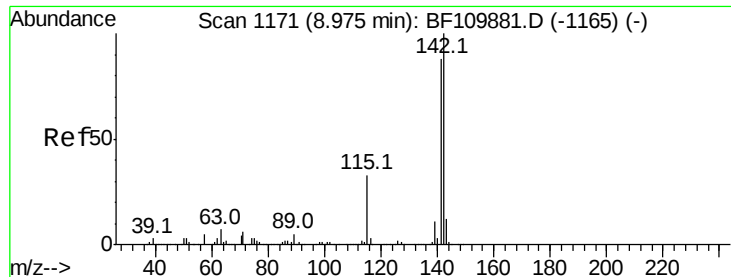


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

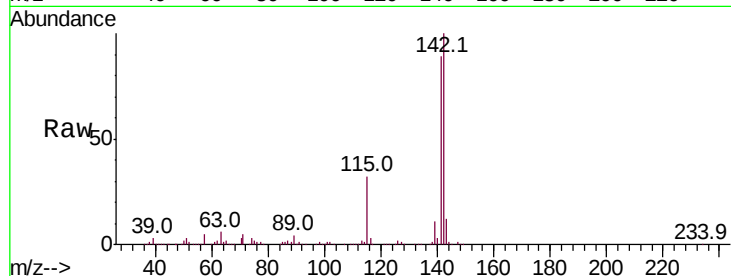




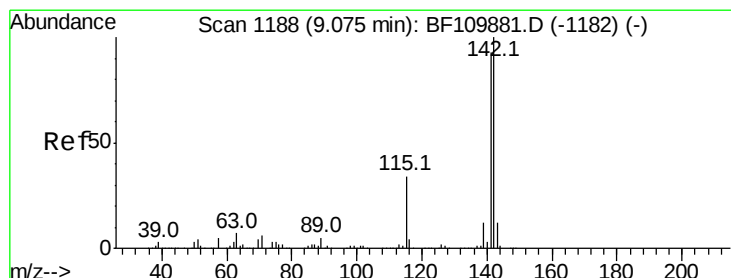
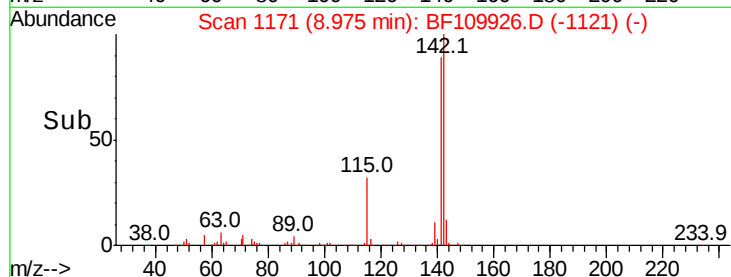
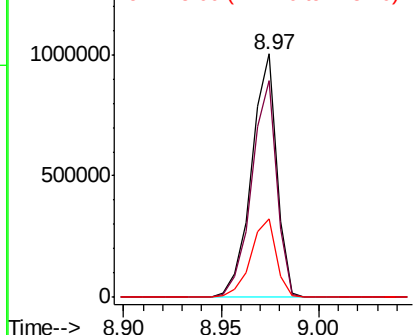
#37
2-Methylnaphthalene
Concen: 26.596 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	32.0	28.7	43.1

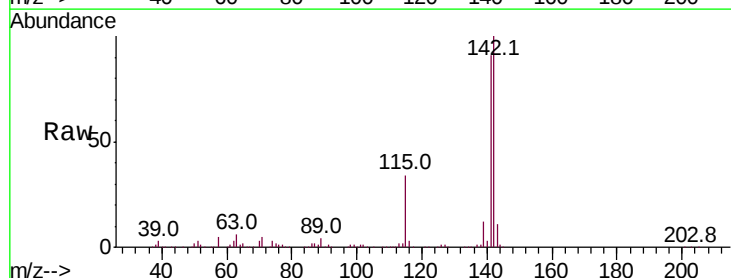


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

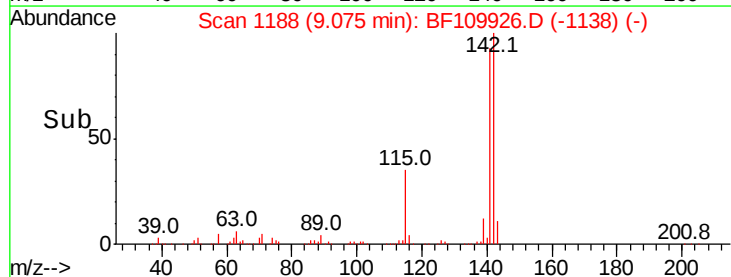
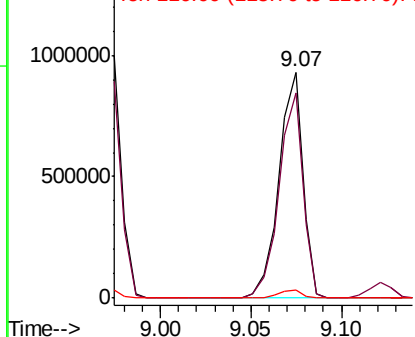


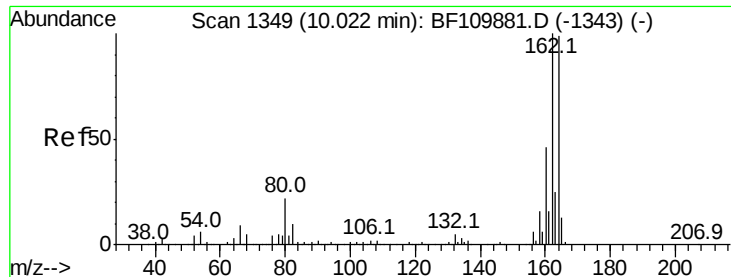
#38
1-Methylnaphthalene
Concen: 26.120 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.2	111.4
116	3.5	2.6	4.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

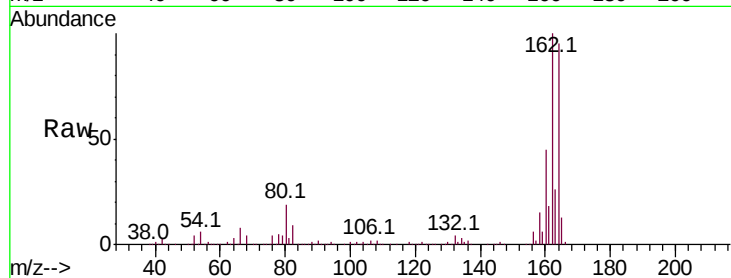
Tot Ion:164 Resp: 556691

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

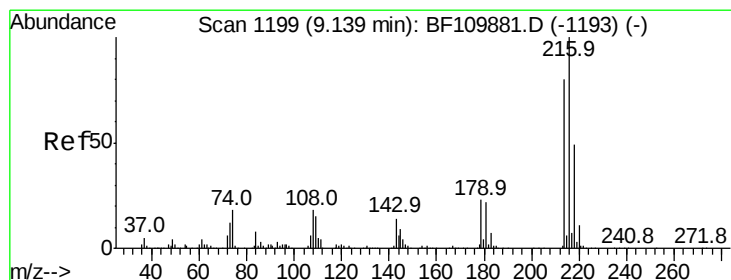
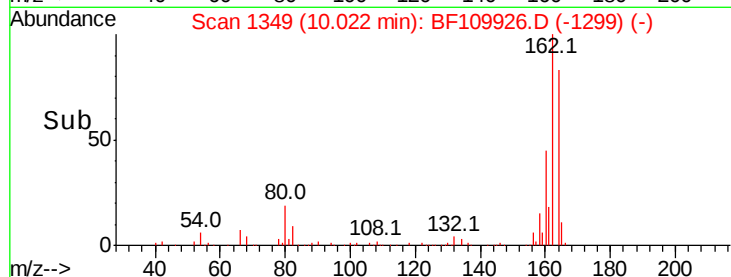
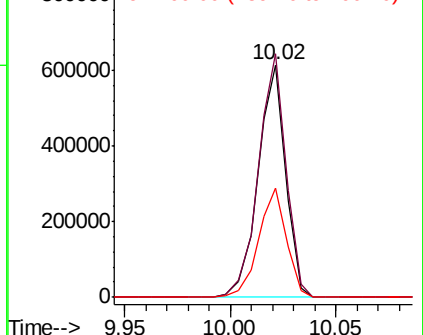
160 47.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 22.210 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Tgt Ion:216 Resp: 380834

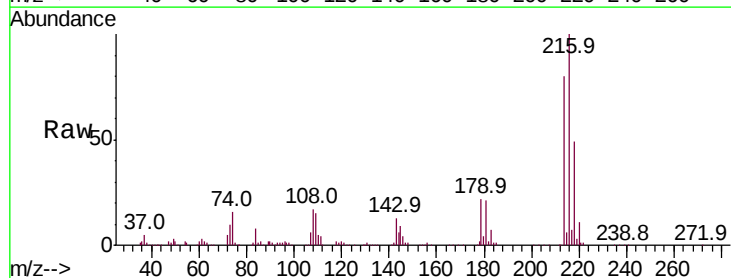
Ion Ratio Lower Upper

216 100

214 80.2 63.8 95.6

179 22.4 16.6 25.0

108 21.8 15.1 22.7

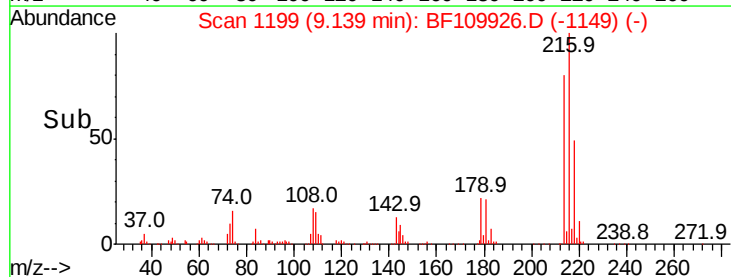
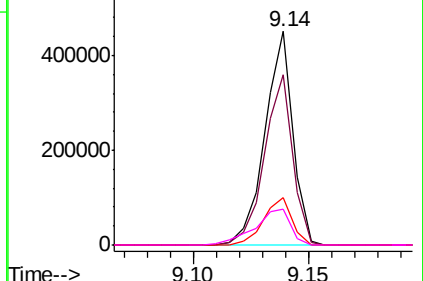


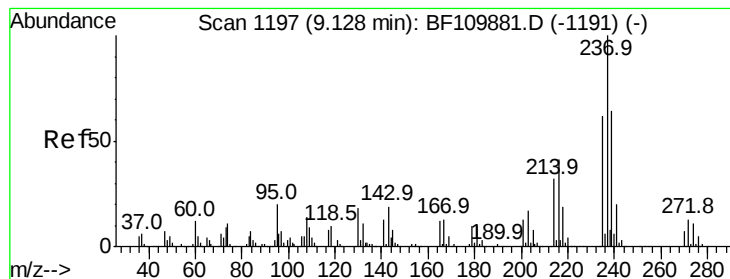
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 53.278 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

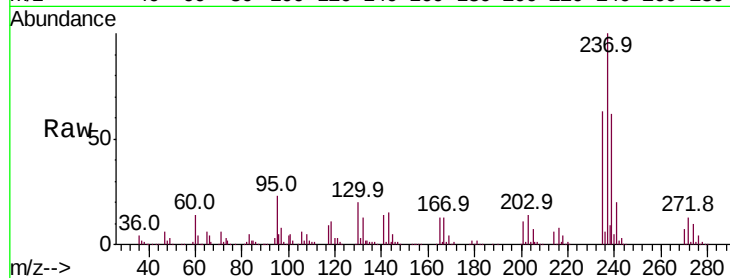
Tot Ion:237 Resp: 440929

Ion Ratio Lower Upper

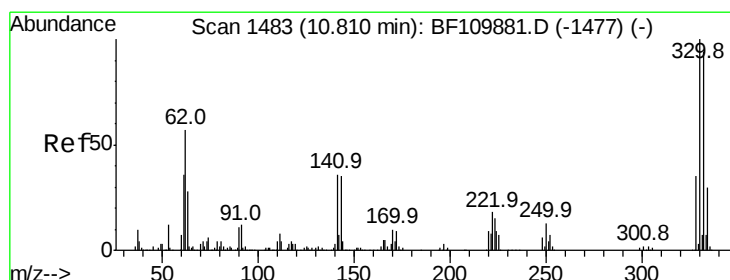
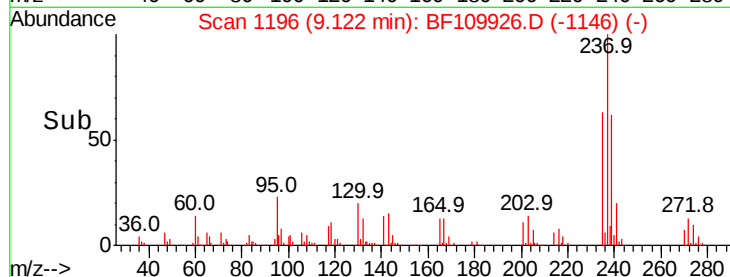
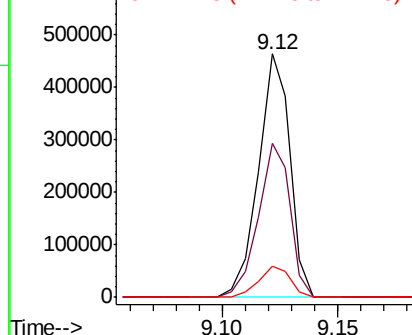
237 100

235 63.1 43.1 83.1

272 13.0 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 53.836 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

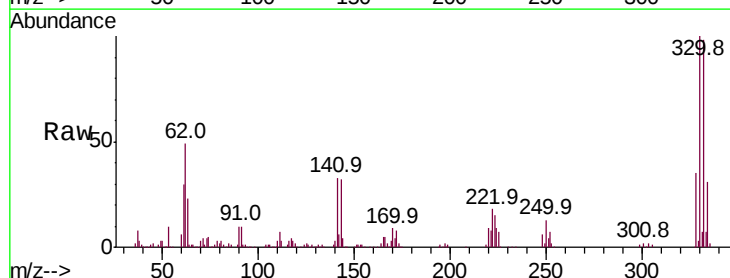
Tgt Ion:330 Resp: 259474

Ion Ratio Lower Upper

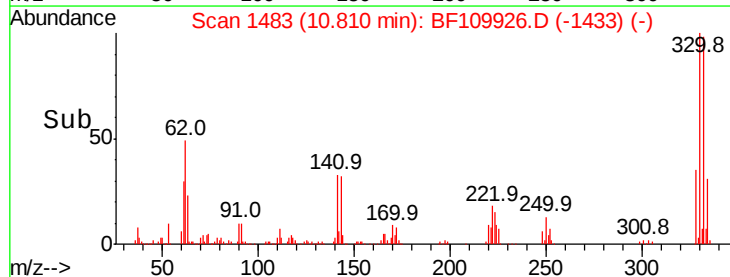
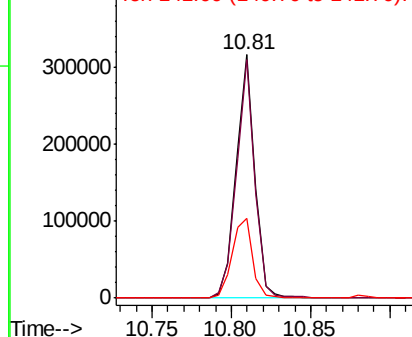
330 100

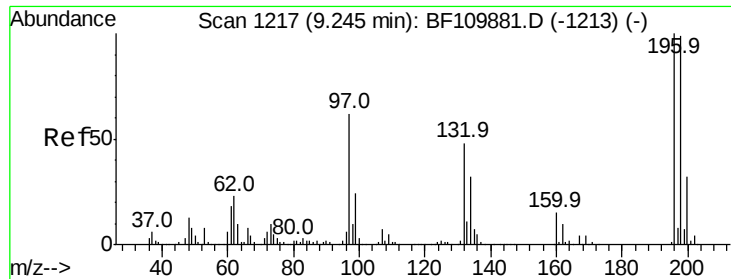
332 96.4 77.1 115.7

141 35.7 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

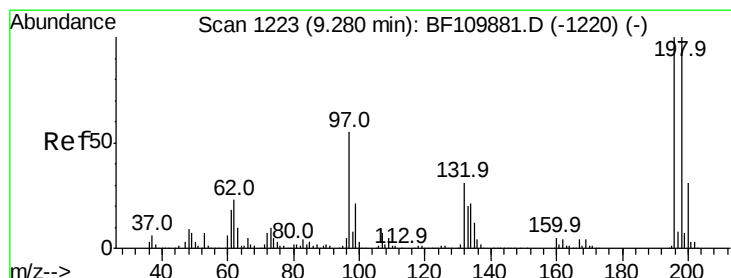
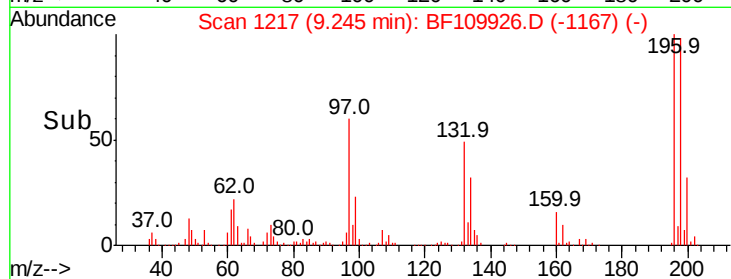
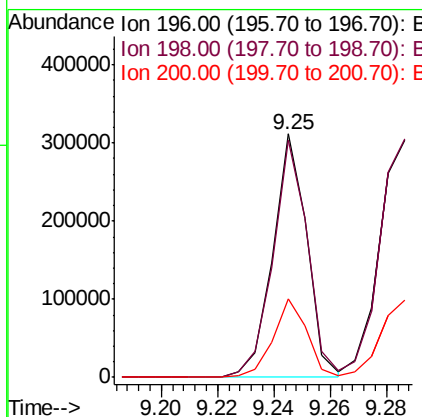
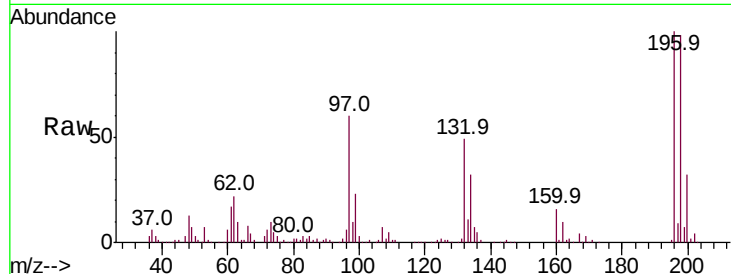




#43
 2,4,6-Trichlorophenol
 Concen: 24.299 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

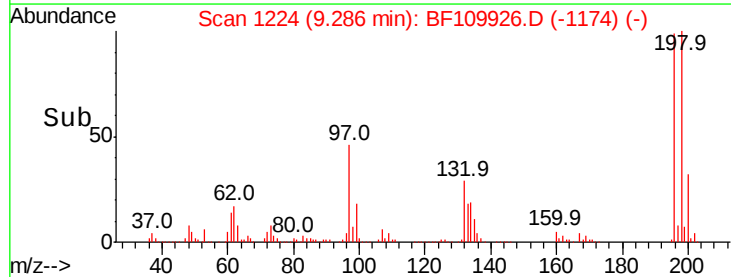
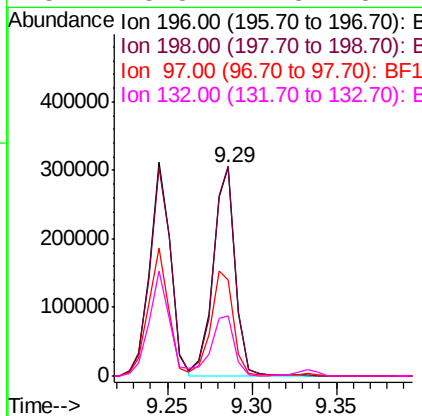
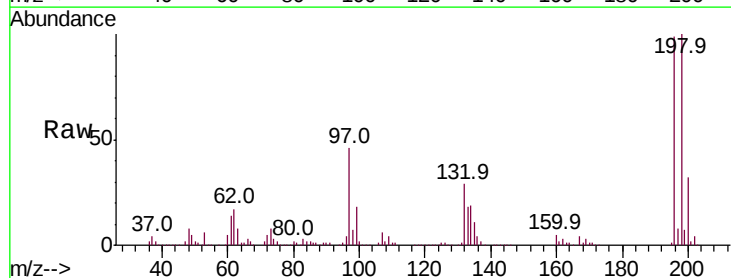
Instrument :
 BNA_F
 ClientSampled :

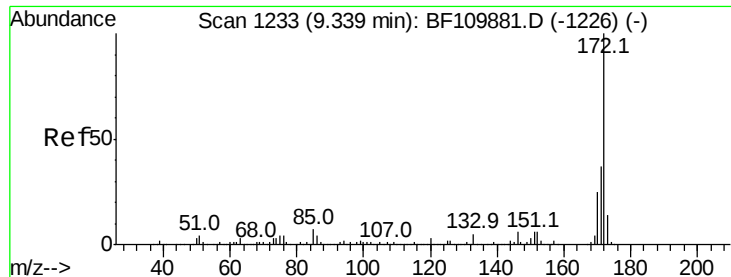
Tot Ion:	196	Resp:	260522
Ion	Ratio	Lower	Upper
196	100		
198	97.7	76.2	114.4
200	32.4	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 24.855 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:	196	Resp:	276575
Ion	Ratio	Lower	Upper
196	100		
198	100.8	75.8	113.6
97	45.9	42.4	63.6
132	28.8	22.8	34.2

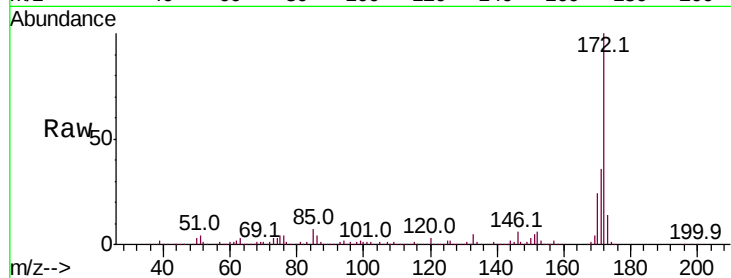




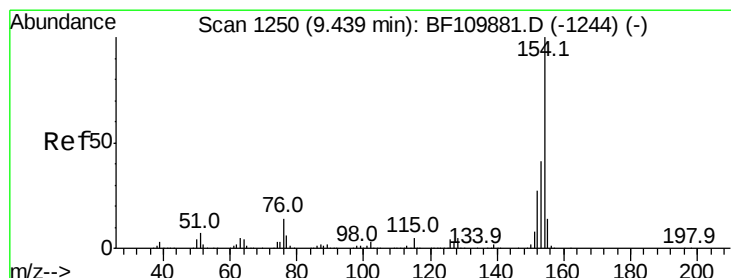
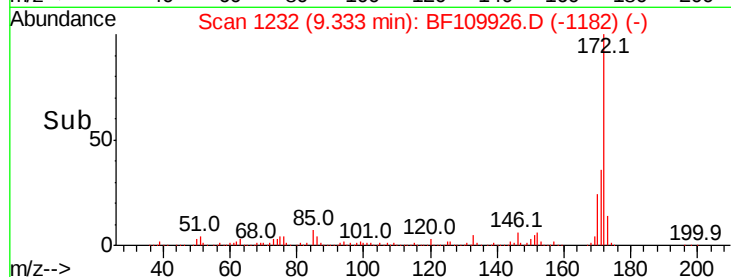
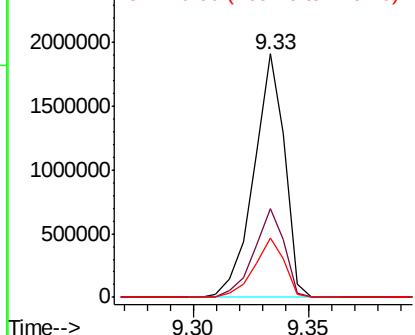
#45
2-Fluorobiphenyl
Concen: 50.980 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1778575
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 24.5 19.7 29.5

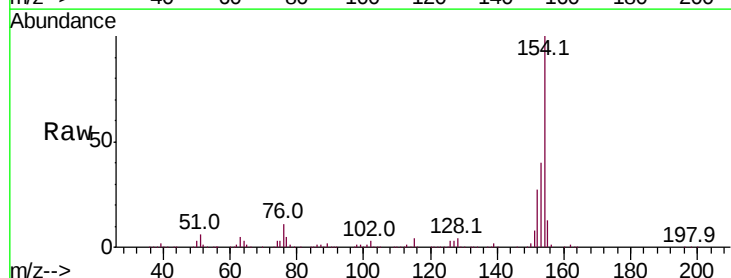


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

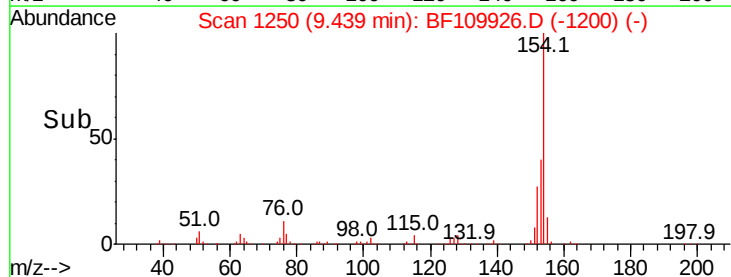
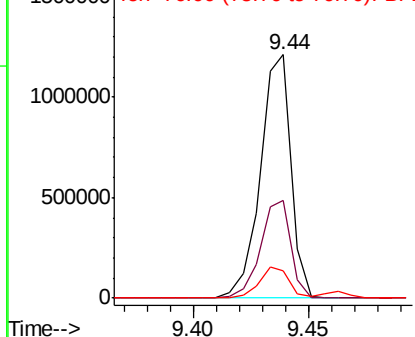


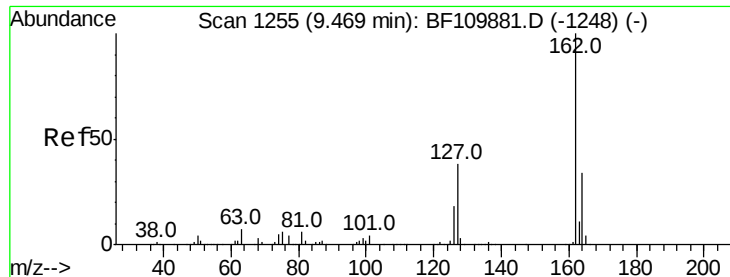
#46
1,1'-Biphenyl
Concen: 22.528 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:154 Resp: 1117365
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 11.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 22.741 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

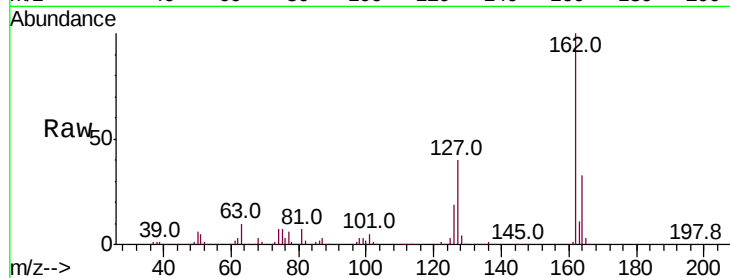
Tot Ion:162 Resp: 830812

Ion Ratio Lower Upper

162 100

127 40.4 32.6 48.8

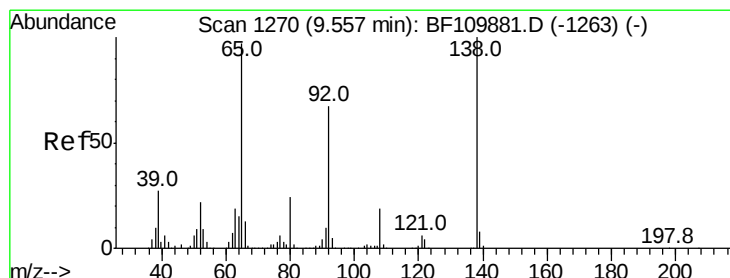
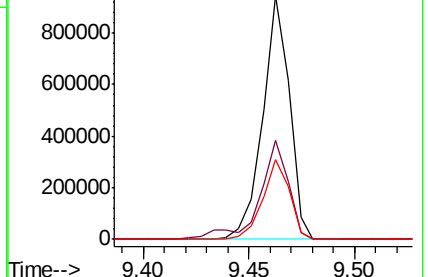
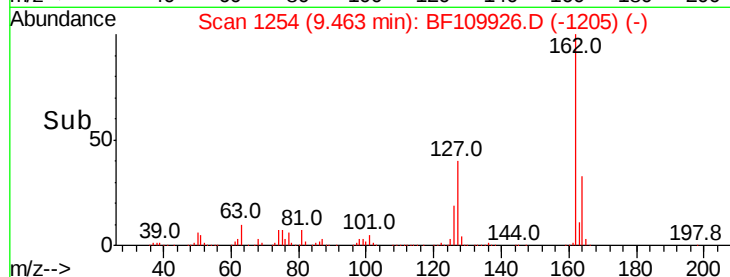
164 32.8 25.9 38.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 25.732 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

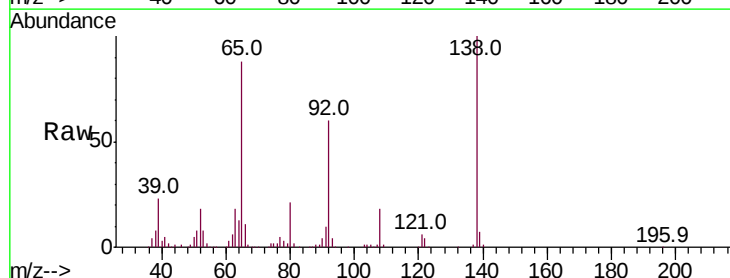
Tgt Ion: 65 Resp: 241255

Ion Ratio Lower Upper

65 100

92 68.3 54.6 81.8

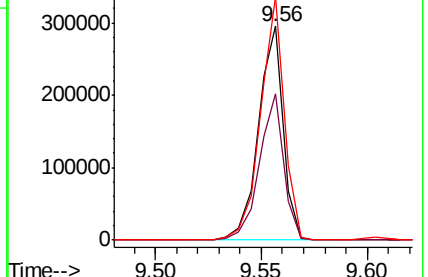
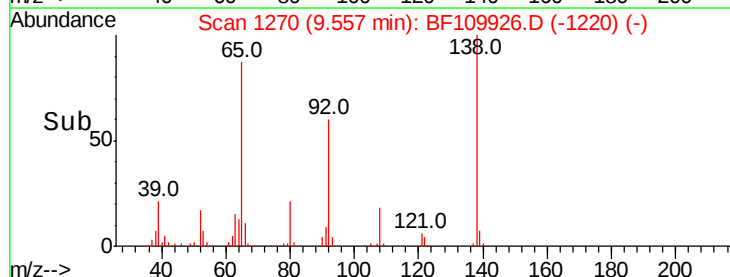
138 113.9 80.3 120.5

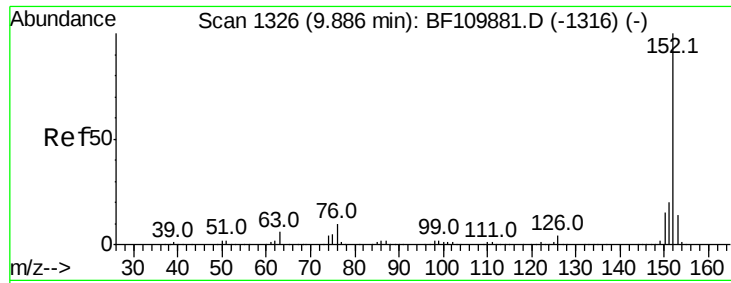


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 24.896 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

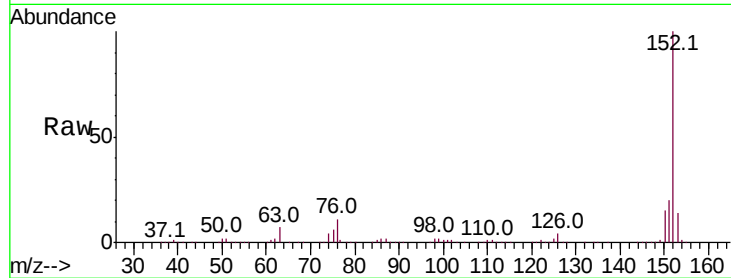
Tot Ion:152 Resp: 1321344

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

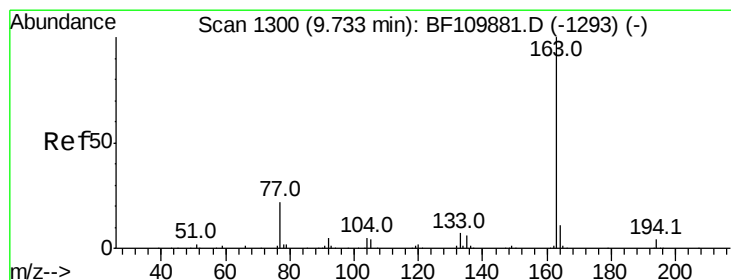
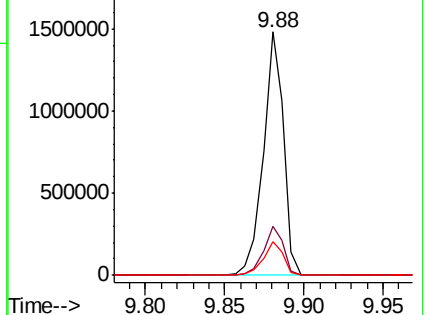
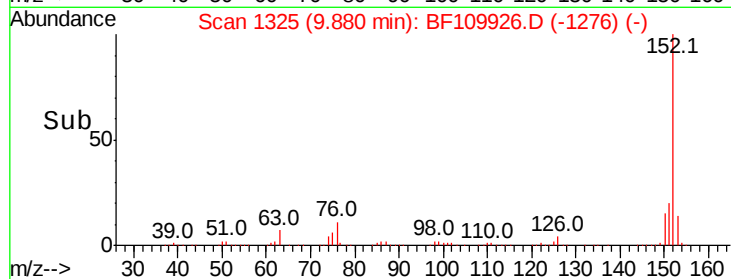
153 14.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

2000000 Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 24.381 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

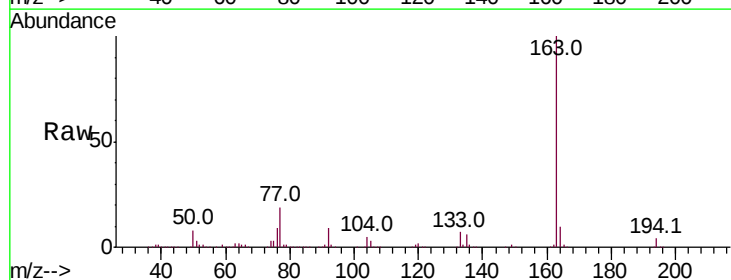
Tgt Ion:163 Resp: 961066

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

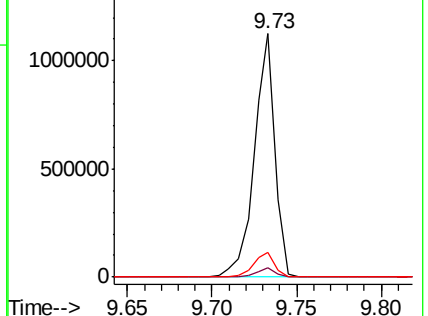
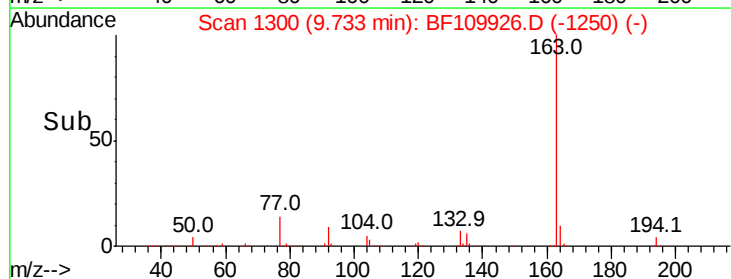
164 10.1 8.1 12.1

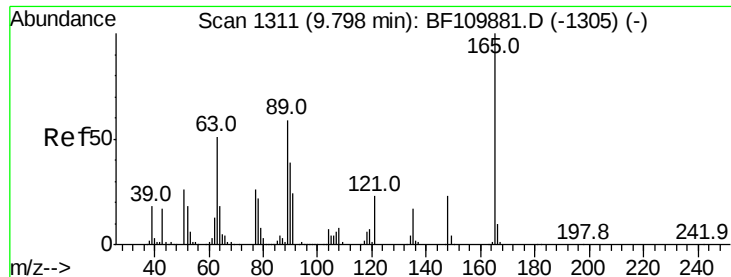


Abundance Ion 163.00 (162.70 to 163.70): E

1500000 Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

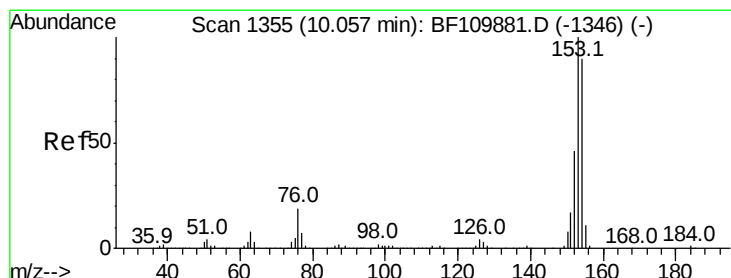
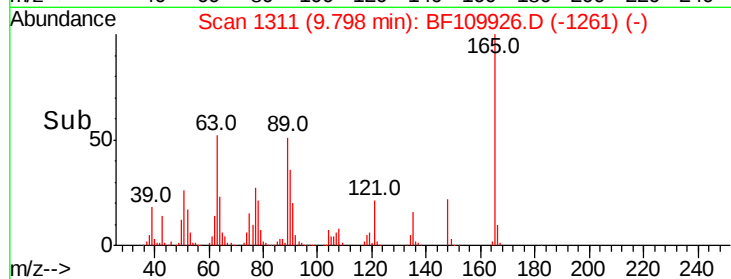
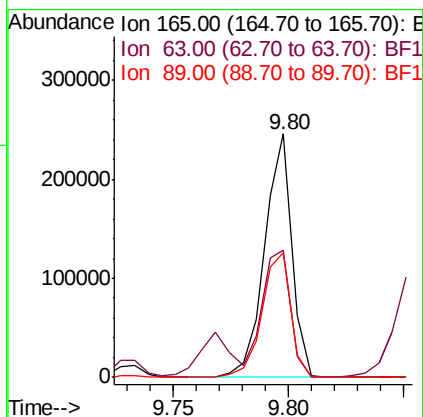
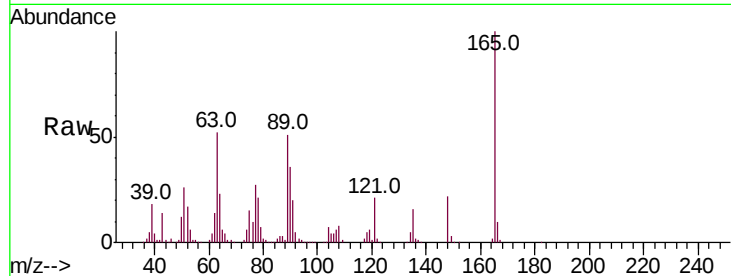




#51
 2,6-Dinitrotoluene
 Concen: 26.981 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

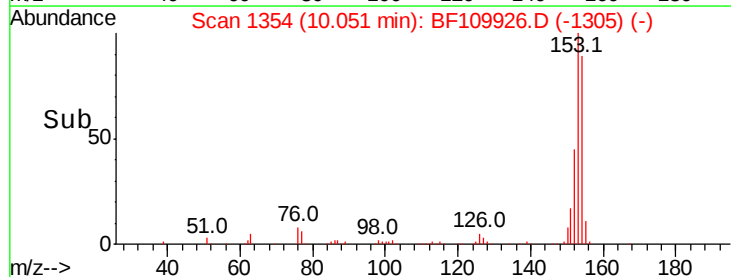
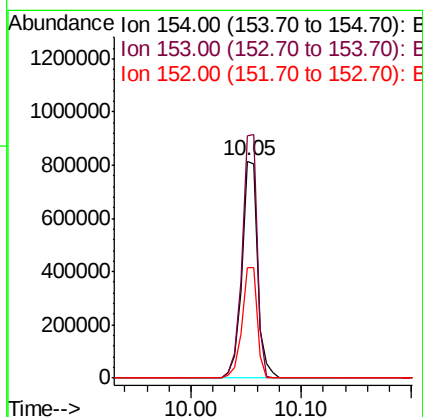
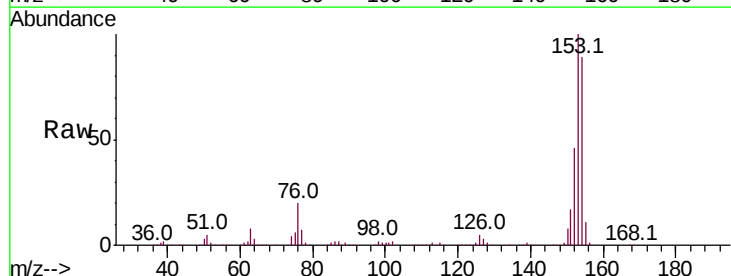
Instrument :
 BNA_F
 ClientSampleId :

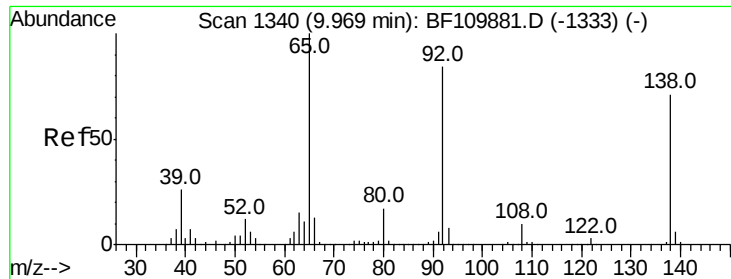
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.5	48.9	73.3
89	51.3	46.6	69.8



#52
 Acenaphthene
 Concen: 24.185 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.1	135.1
152	50.9	43.4	65.2

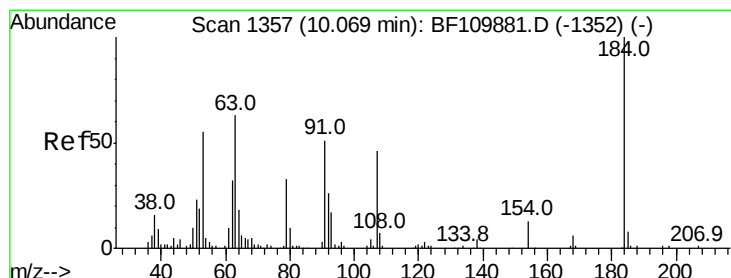
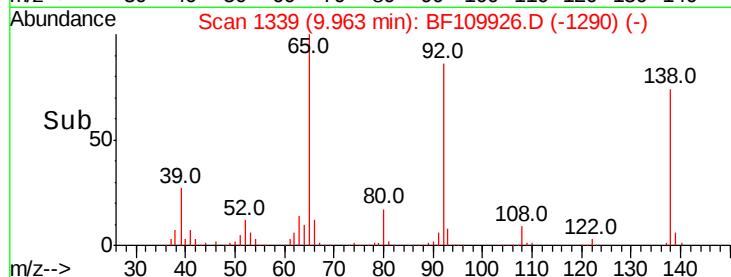
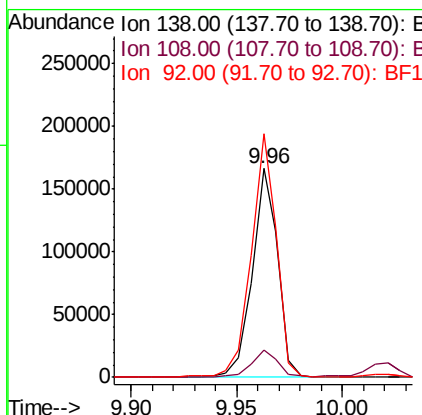
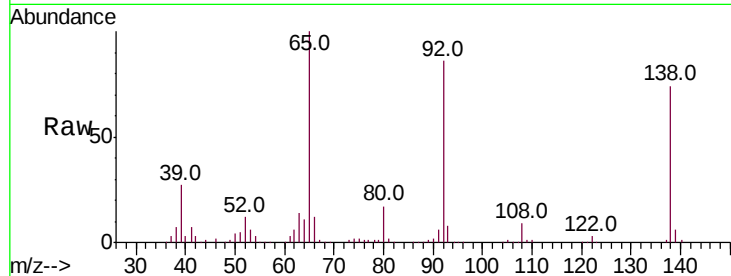




#53
 3-Nitroaniline
 Concen: 15.250 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

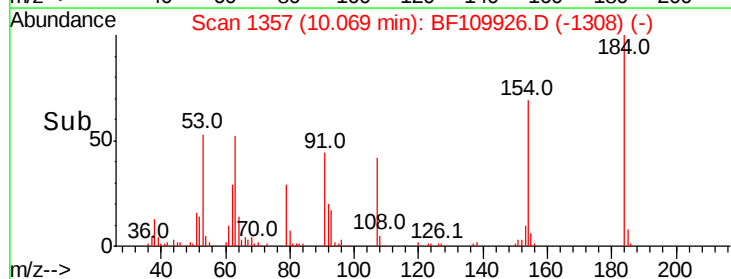
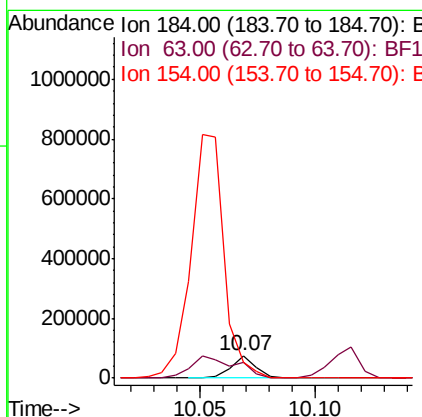
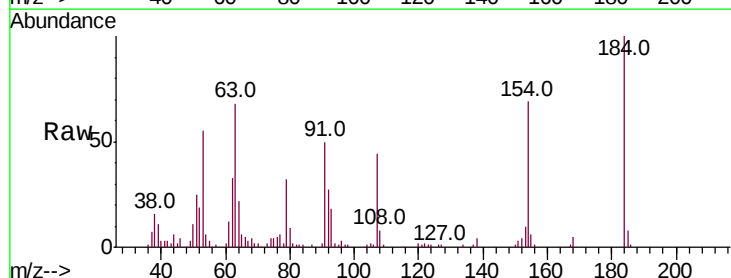
Instrument :
 BNA_F
 ClientSampled :

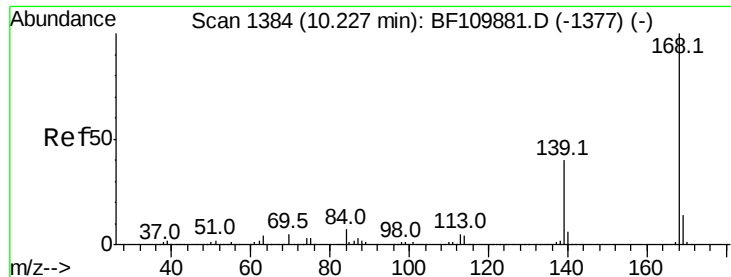
Tot Ion:138 Resp: 138886
 Ion Ratio Lower Upper
 138 100
 108 12.8 8.7 13.1
 92 116.6 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 29.020 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:184 Resp: 53977
 Ion Ratio Lower Upper
 184 100
 63 68.1 55.8 83.6
 154 69.3 63.2 94.8

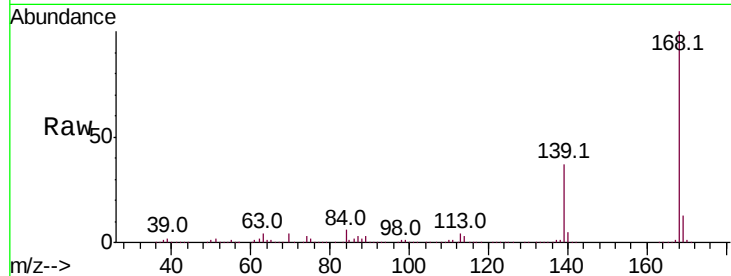




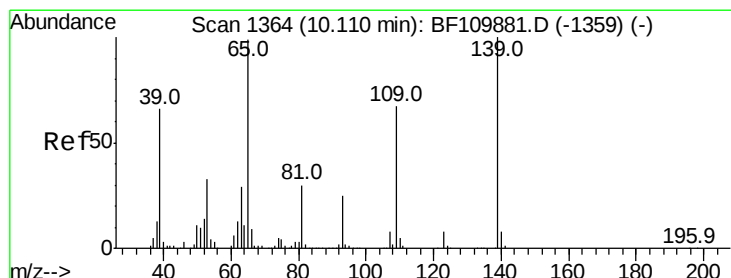
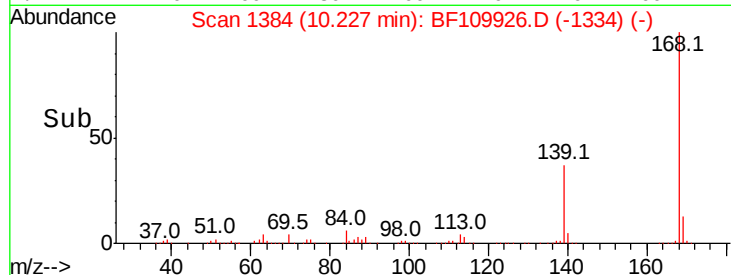
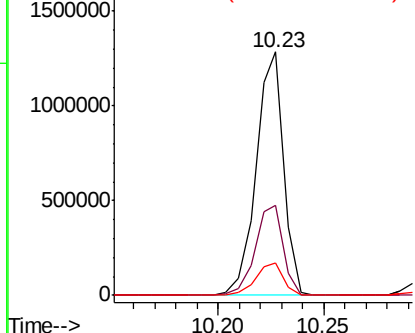
#55
Dibenzenofuran
Concen: 24.072 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1160034
Ion Ratio Lower Upper
168 100
139 36.9 33.0 49.6
169 13.3 11.3 16.9

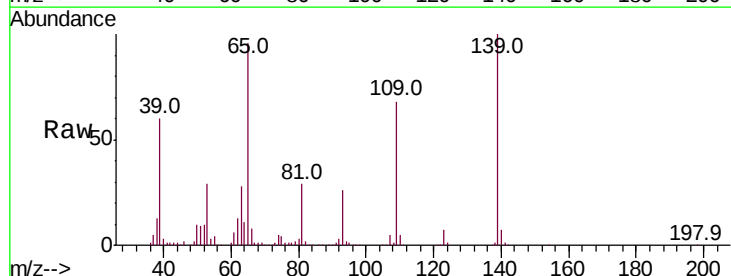


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

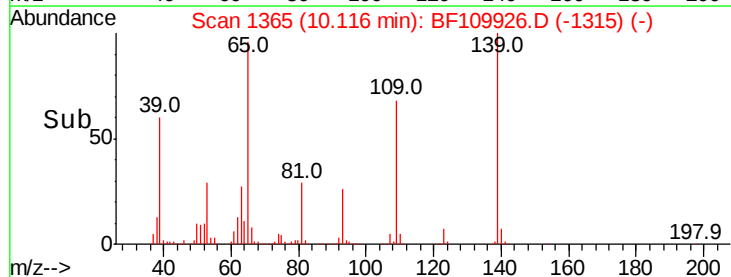
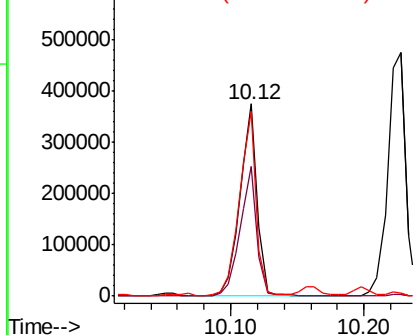


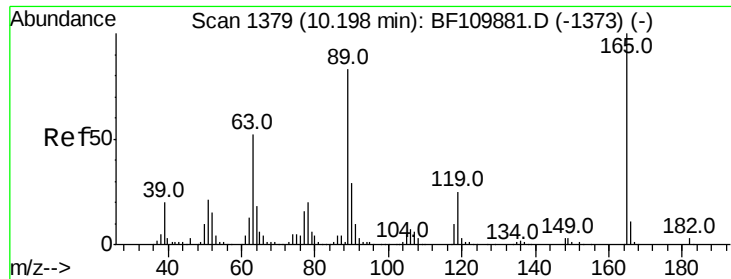
#56
4-Nitrophenol
Concen: 48.467 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:139 Resp: 336805
Ion Ratio Lower Upper
139 100
109 67.8 55.8 95.8
65 96.3 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

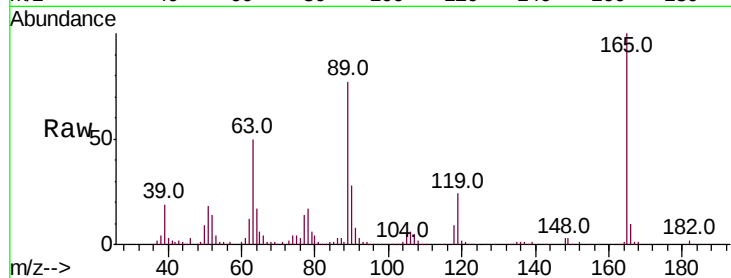




#57
 2,4-Dinitrotoluene
 Concen: 28.803 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.8	44.8	67.2
89	77.1	62.2	93.4
182	2.4	2.1	3.1



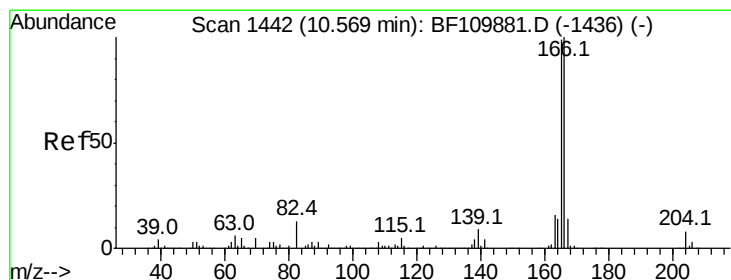
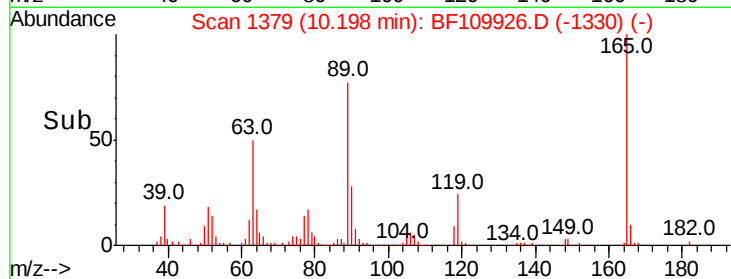
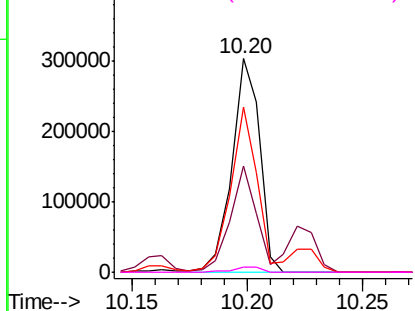
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

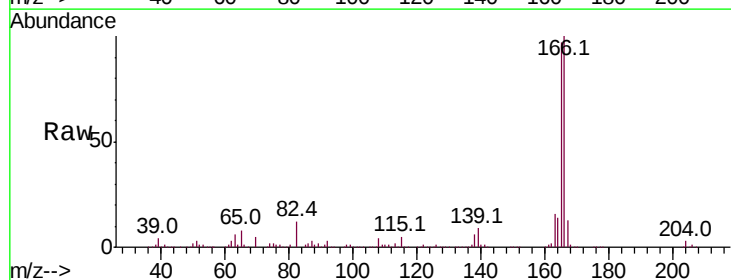
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 25.932 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.6	117.8
167	13.4	10.8	16.2

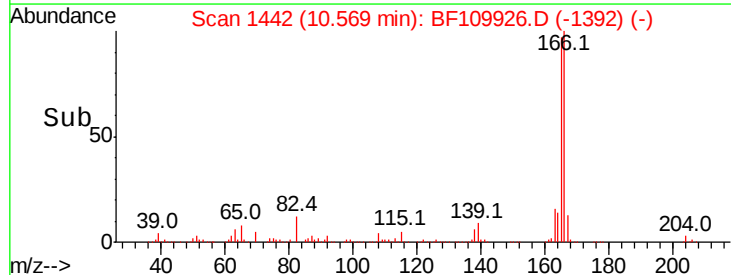
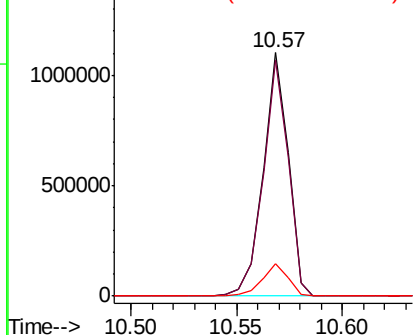


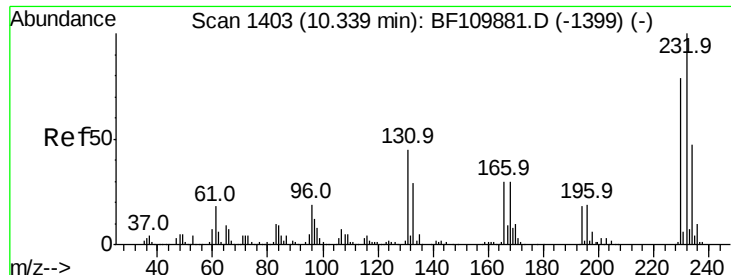
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

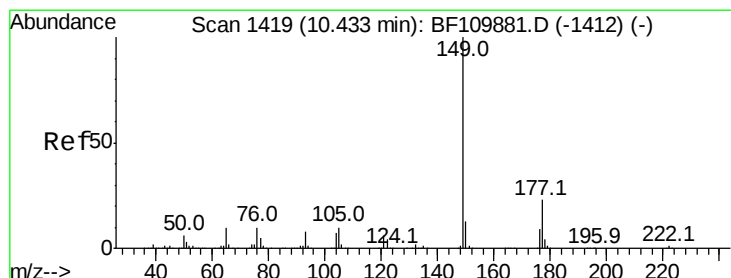
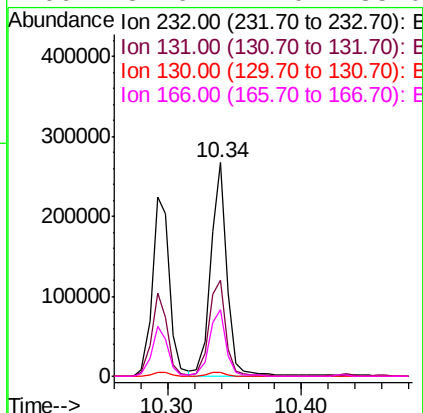
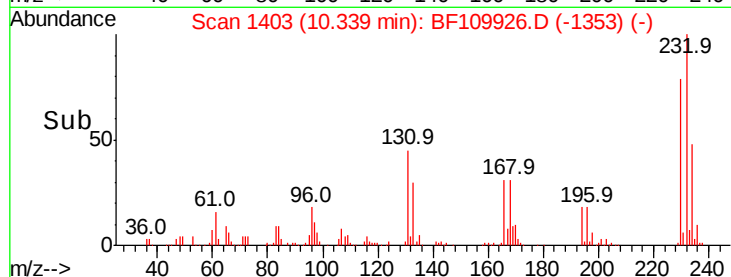
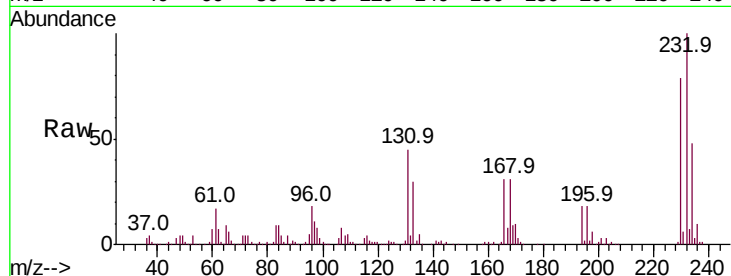




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 25.632 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

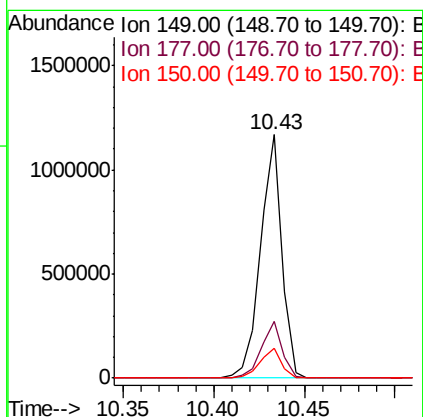
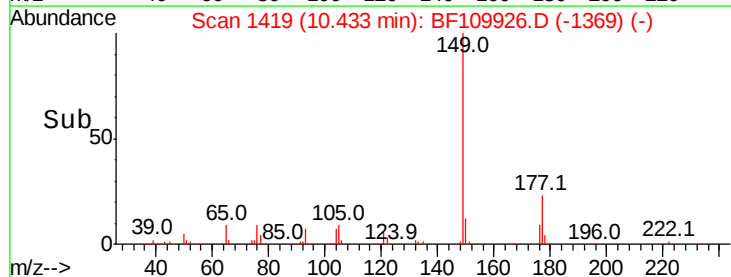
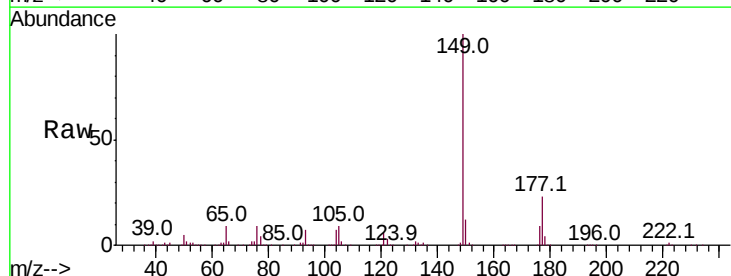
Instrument :
 BNA_F
 ClientSampleId :

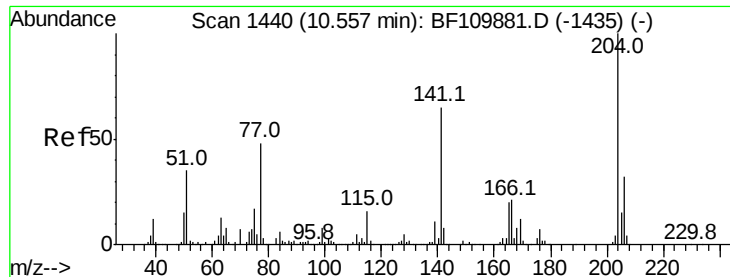
Tot Ion:232 Resp: 226048
 Ion Ratio Lower Upper
 232 100
 131 46.9 37.0 55.4
 130 2.1 1.8 2.6
 166 31.6 22.0 33.0



#60
 Diethylphthalate
 Concen: 24.617 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:149 Resp: 958413
 Ion Ratio Lower Upper
 149 100
 177 23.1 17.4 26.2
 150 12.5 9.8 14.8

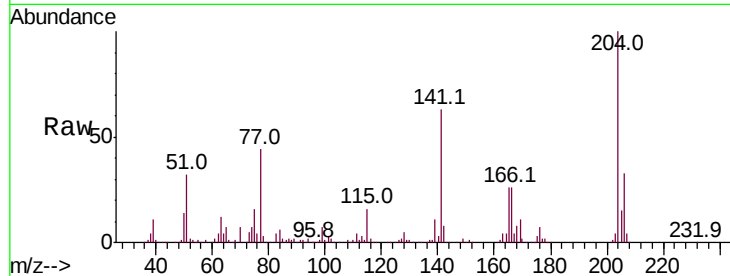




#61
4-Chlorophenyl-phenylether
Concen: 23.804 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	63.3	51.8	77.8

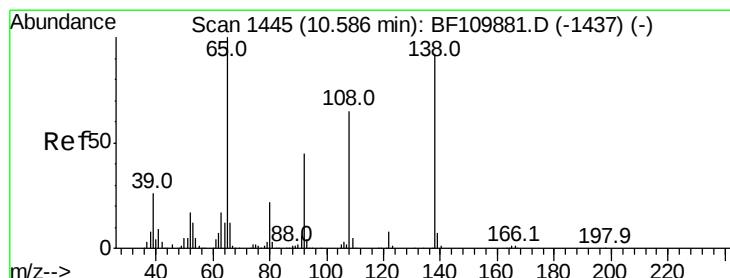
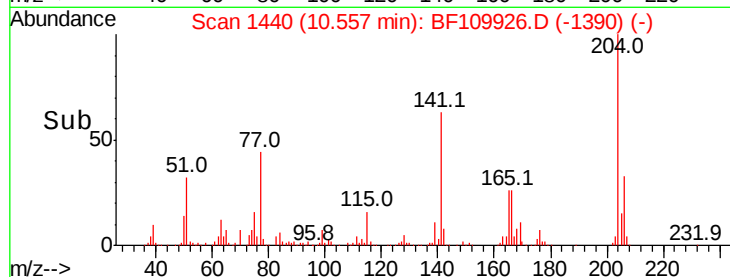
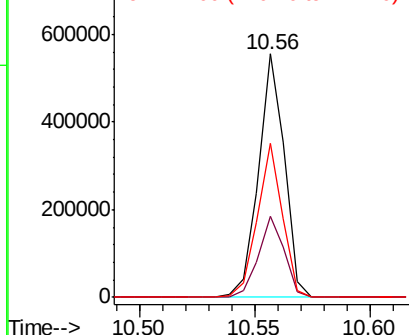


Abundance

Ion 204.00 (203.70 to 204.70): E

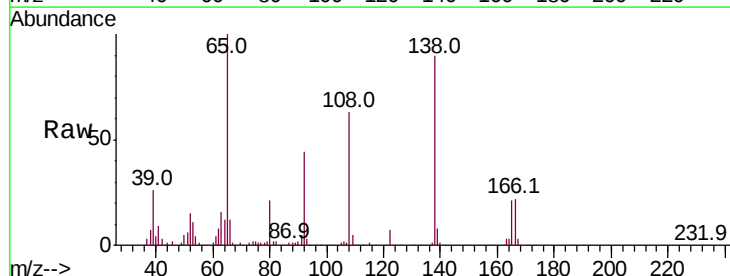
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 25.678 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	31.7	71.7
108	69.4	59.3	99.3

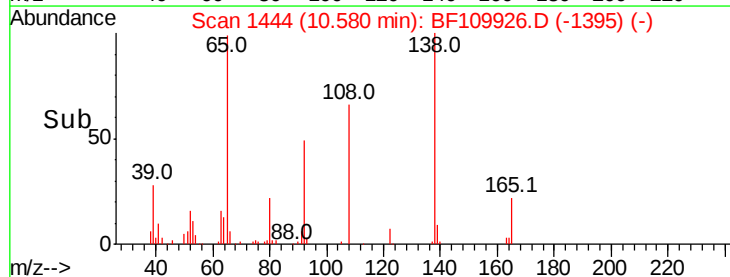
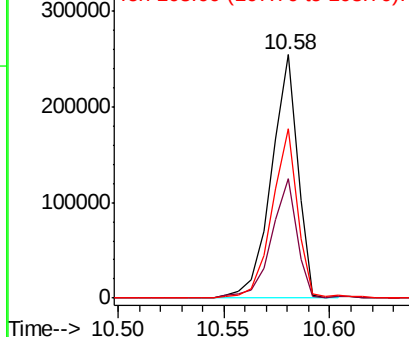


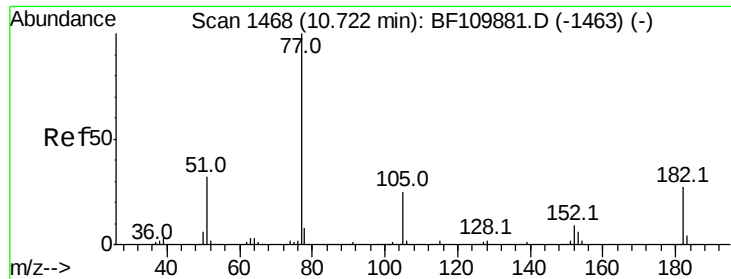
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

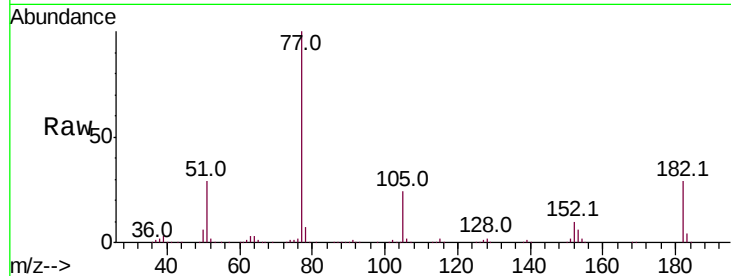




#63
Azobenzene
Concen: 23.288 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.3	44.3
105	24.5	1.3	41.3
51	29.4	9.0	49.0



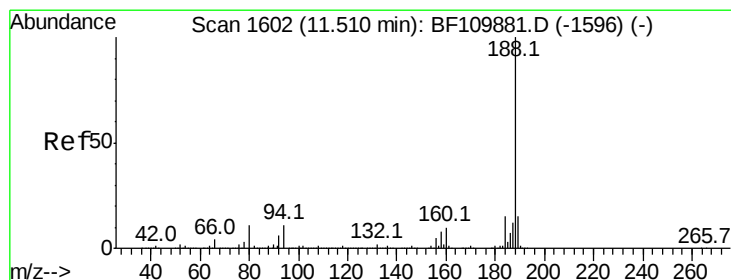
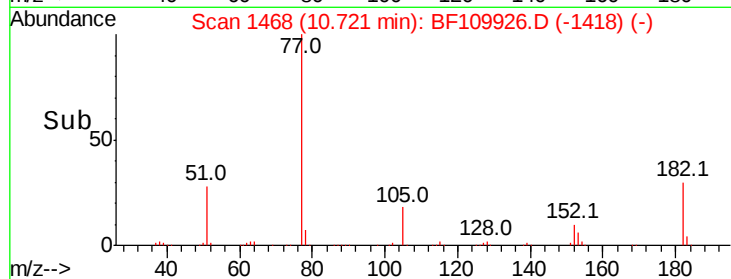
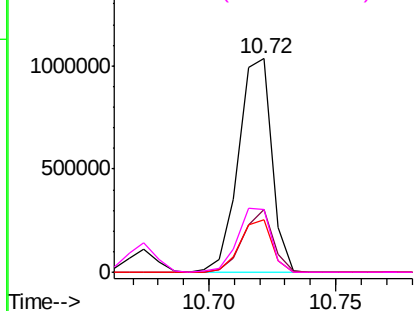
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

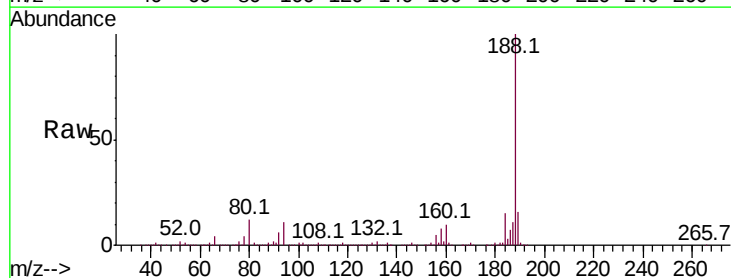
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.2	10.8#
80	11.5	7.9	11.9

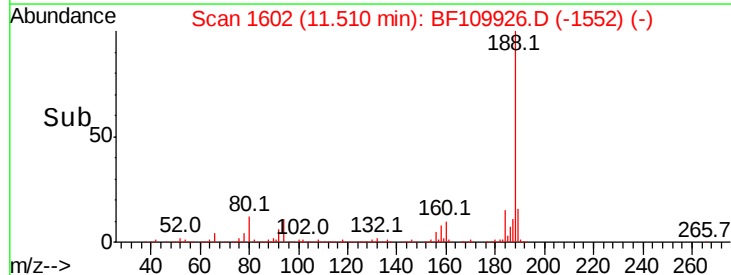
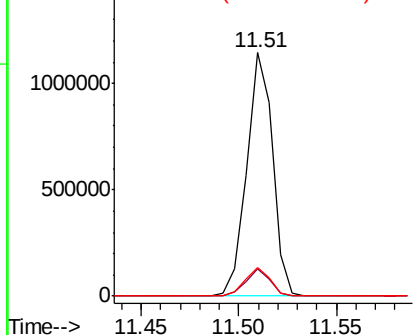


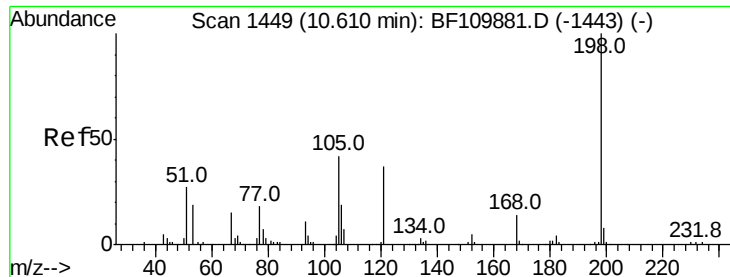
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

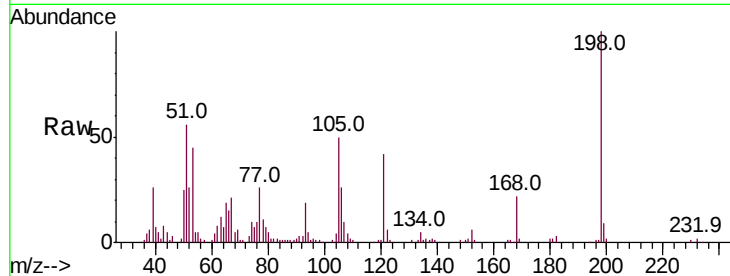




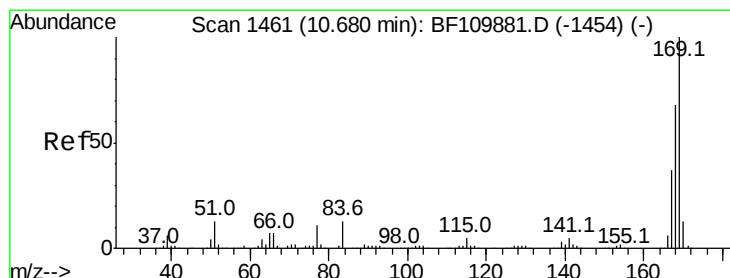
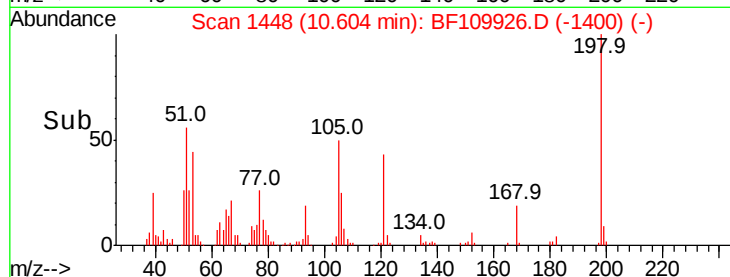
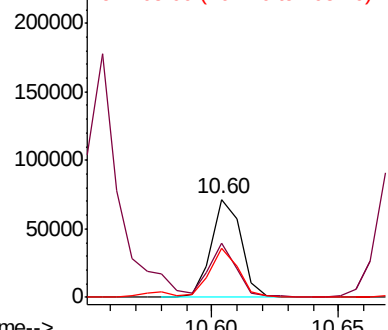
#65
4,6-Dinitro-2-methylphenol
Concen: 20.698 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
198	100		
51	55.8	22.8	62.8
105	49.8	23.6	63.6

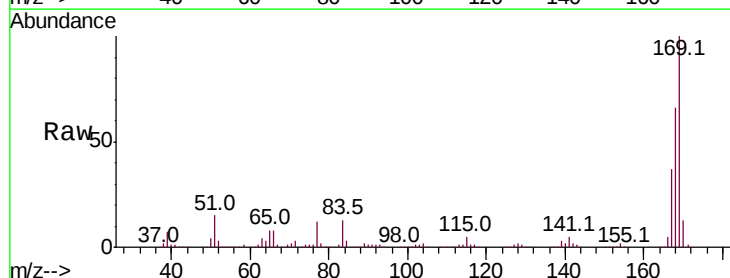


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

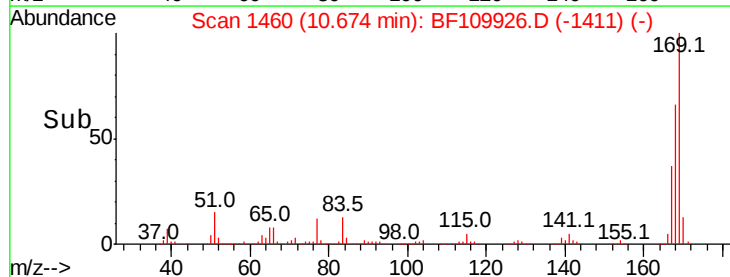
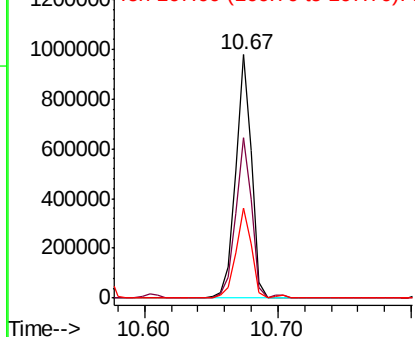


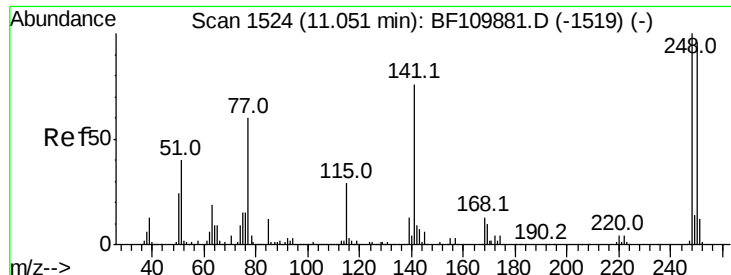
#66
n-Nitrosodiphenylamine
Concen: 23.181 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	51.2	76.8
167	37.2	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

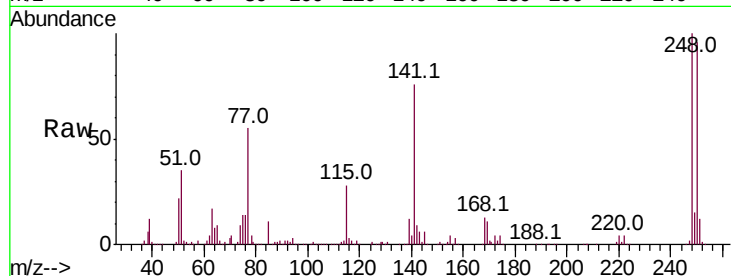




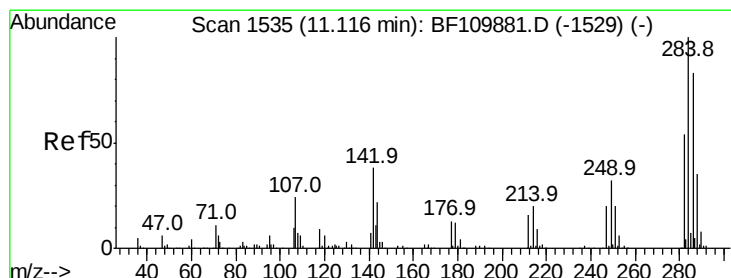
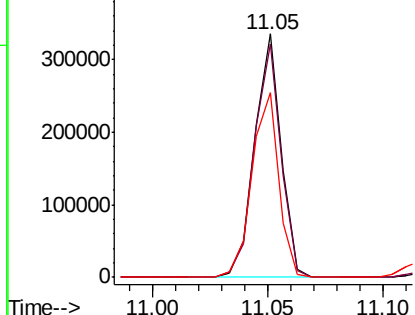
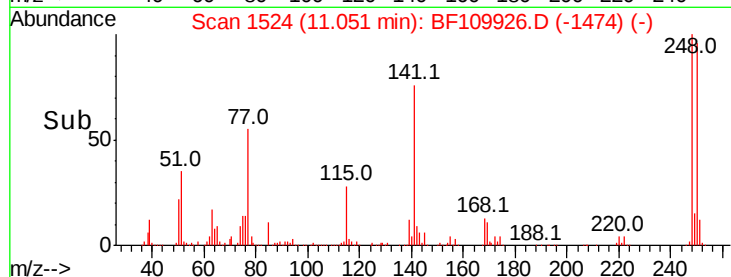
#67
 4-Bromophenyl-phenylether
 Concen: 23.529 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 268682
 Ion Ratio Lower Upper
 248 100
 250 96.0 79.4 119.2
 141 75.9 55.9 83.9

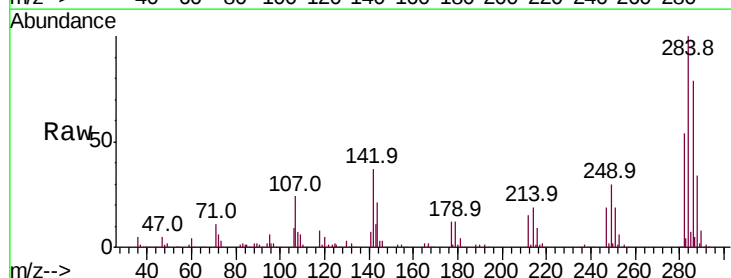


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

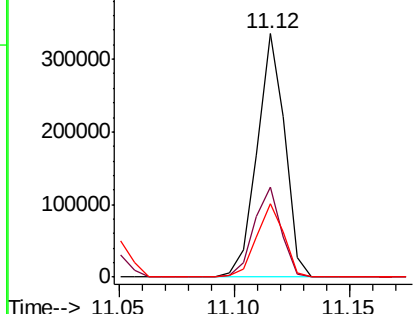
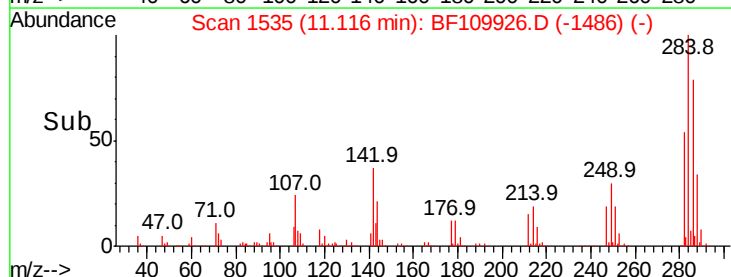


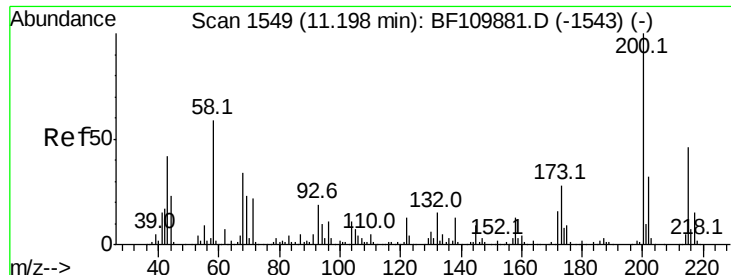
#68
 Hexachlorobenzene
 Concen: 23.091 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:284 Resp: 281189
 Ion Ratio Lower Upper
 284 100
 142 36.8 23.9 35.9#
 249 30.0 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

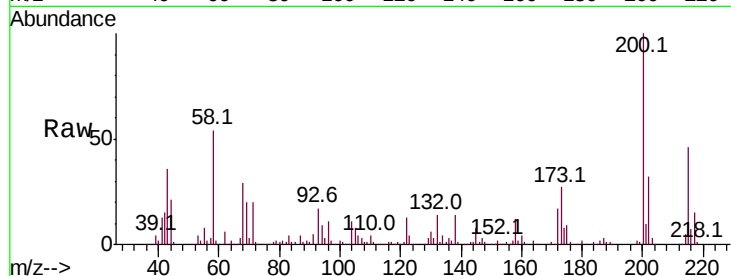




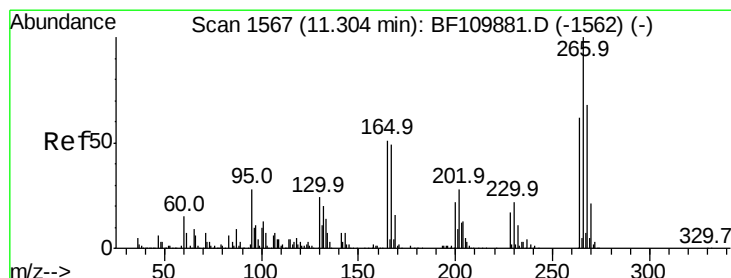
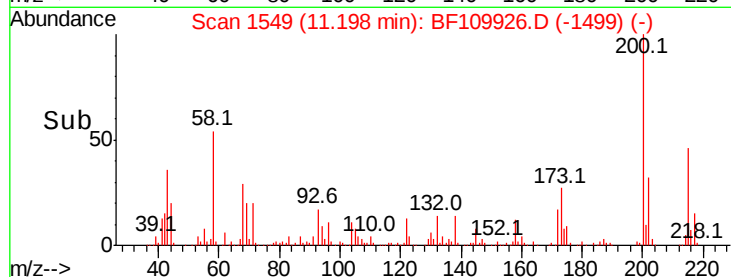
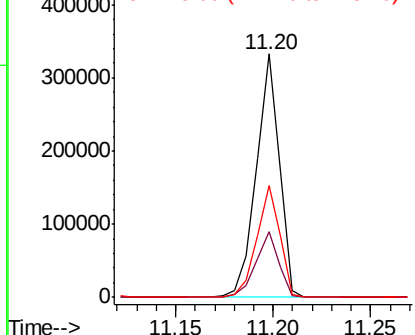
#69
Atrazine
Concen: 24.779 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	46.1	26.3	66.3

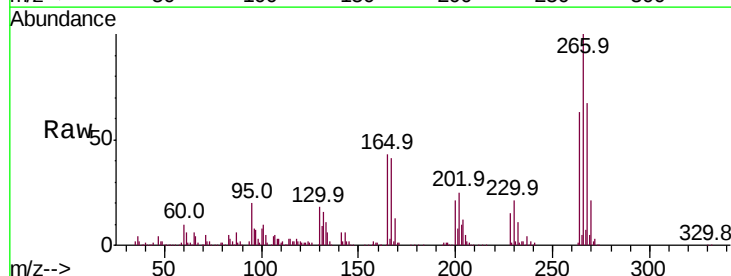


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

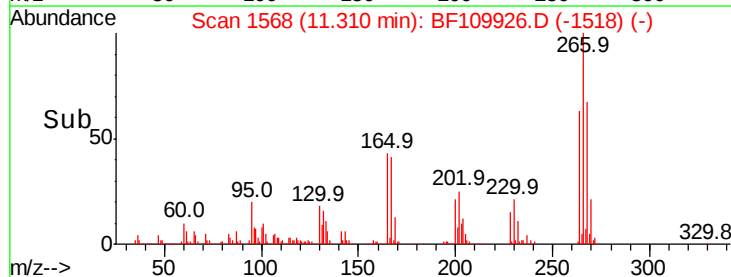
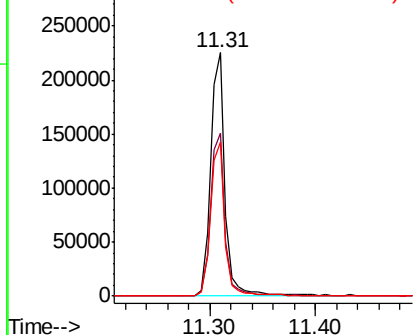


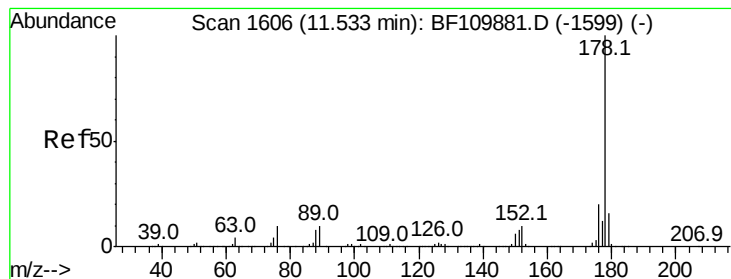
#70
Pentachlorophenol
Concen: 31.239 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	50.6	75.8
264	63.2	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 25.008 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

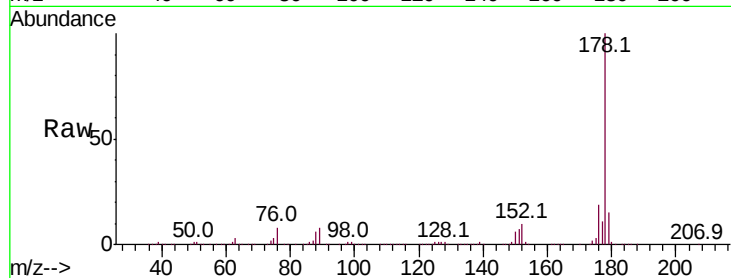
Tot Ion:178 Resp: 1364210

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7

178 100

176 19.3 15.5 23.3

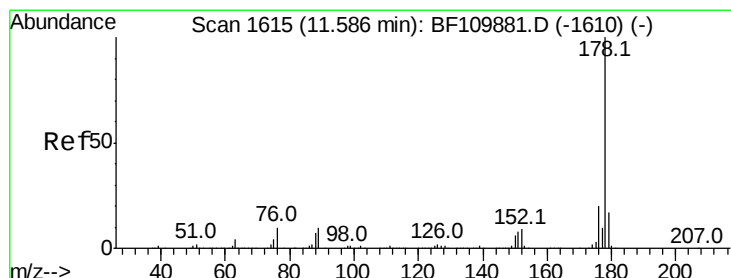
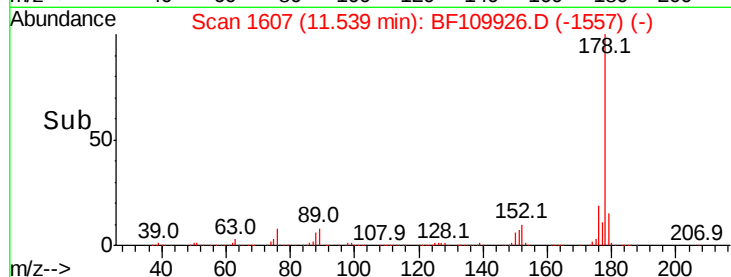
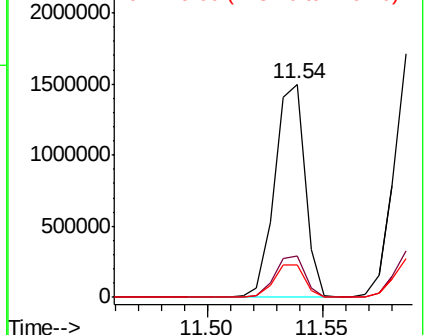
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 25.591 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

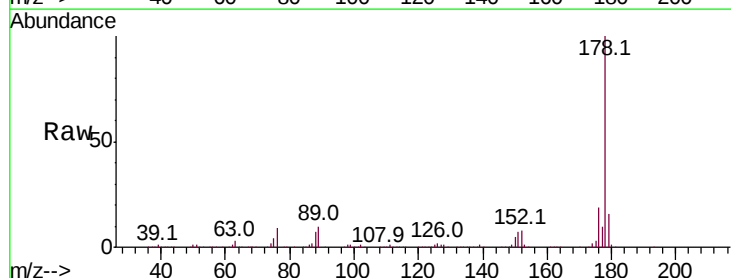
Tgt Ion:178 Resp: 1403502

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.0	12.6	18.8

178 100

176 19.1 15.4 23.2

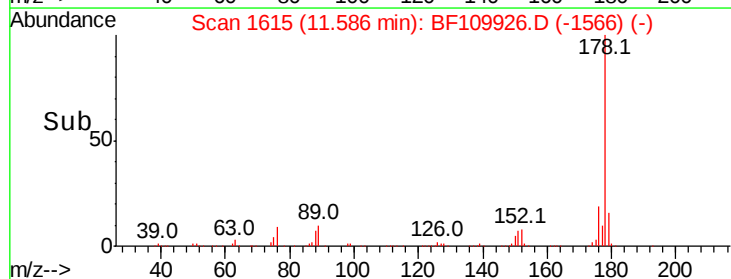
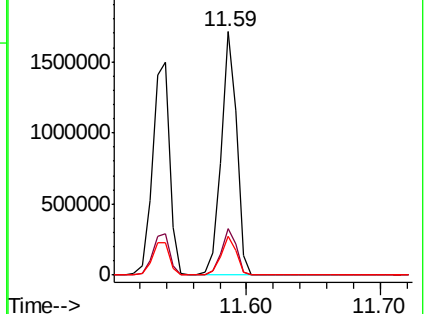
179 16.0 12.6 18.8

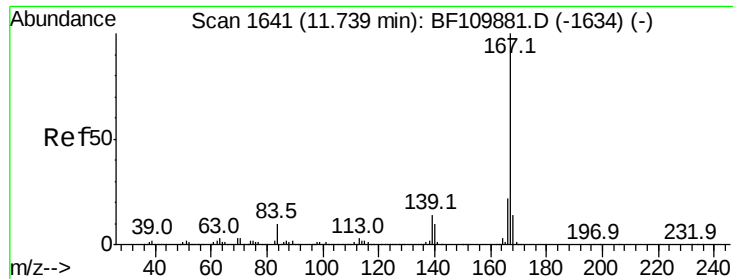


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



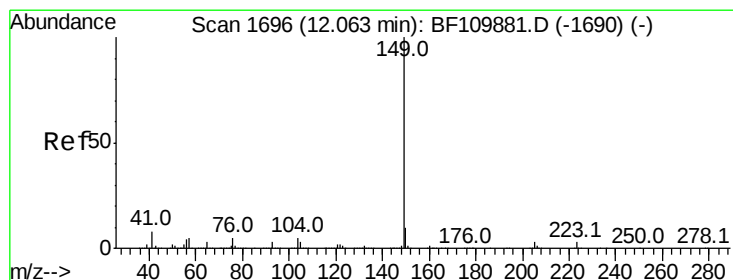
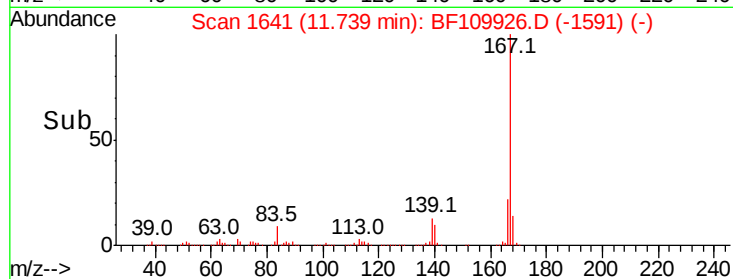
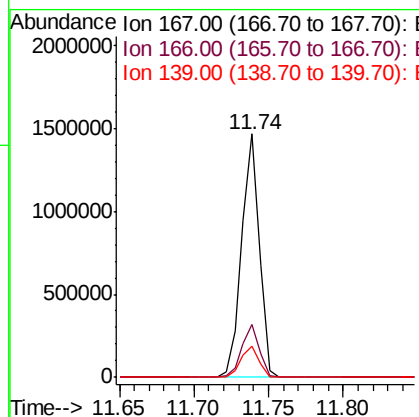
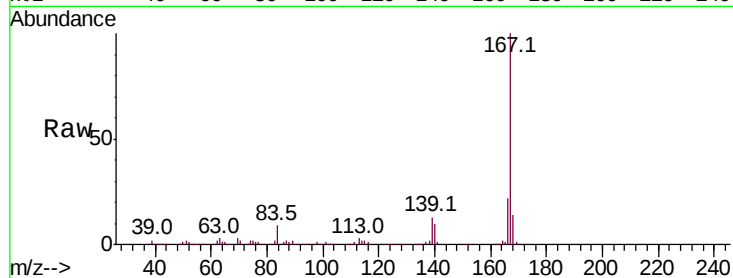


#73
 Carbazole
 Concen: 22.603 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1218273

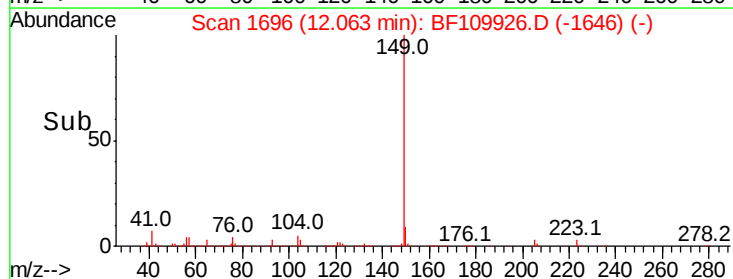
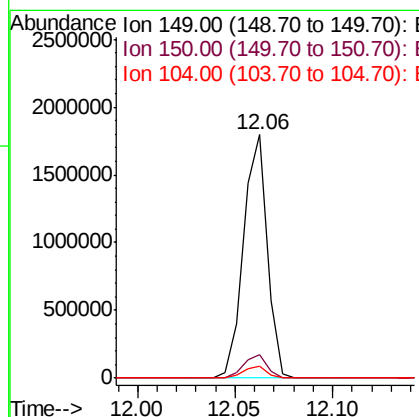
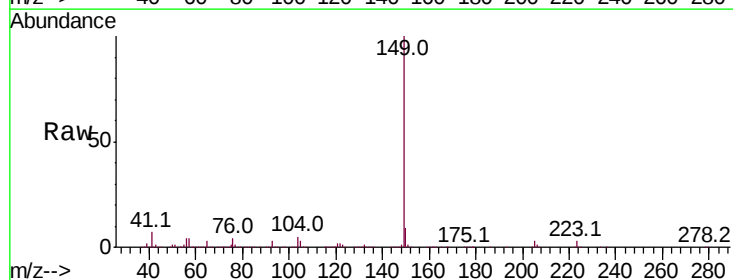
Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.0
139	13.0	10.9	16.3

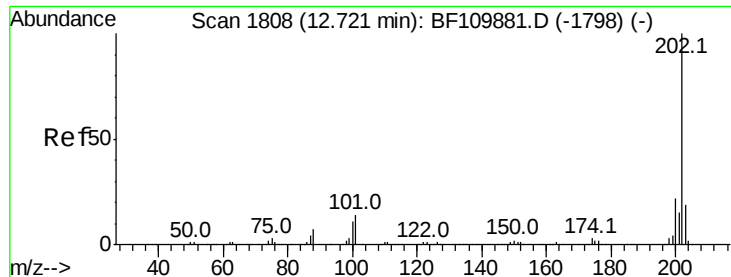


#74
 Di-n-butylphthalate
 Concen: 25.080 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:149 Resp: 1508626

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.8	4.2	6.4

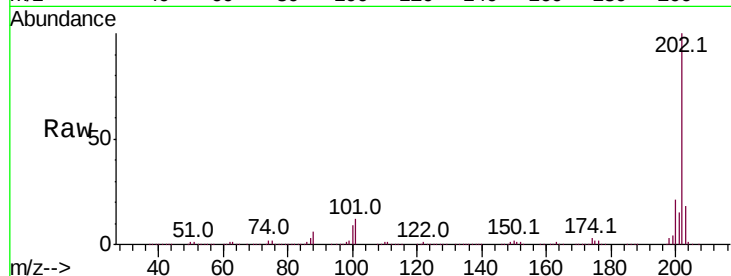




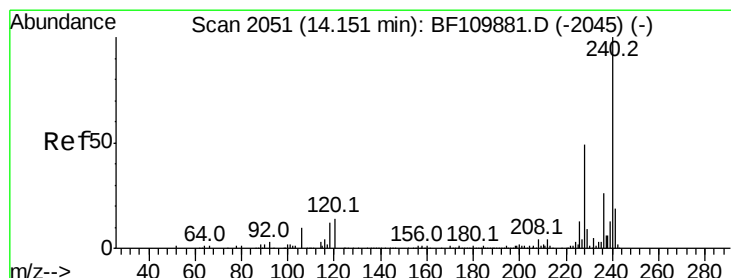
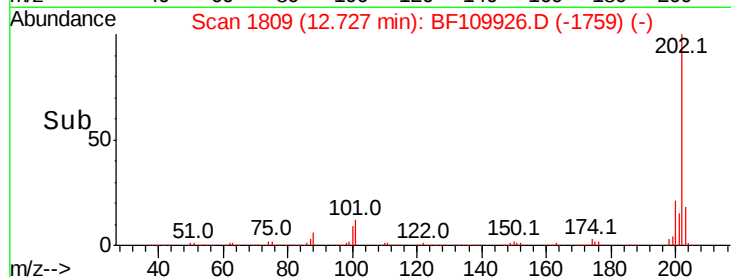
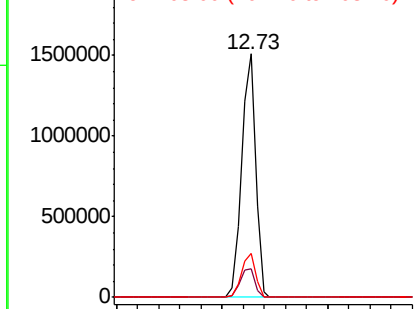
#75
 Fluoranthene
 Concen: 24.997 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1362238
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.4
 203 18.2 0.0 37.7

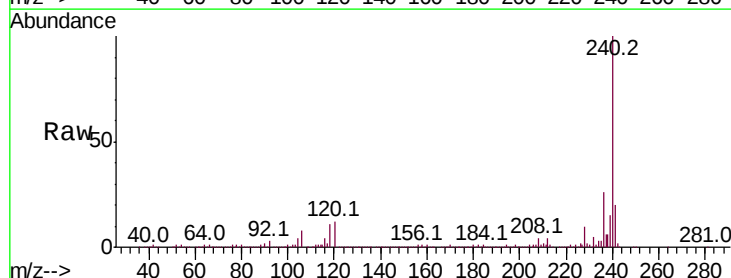


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

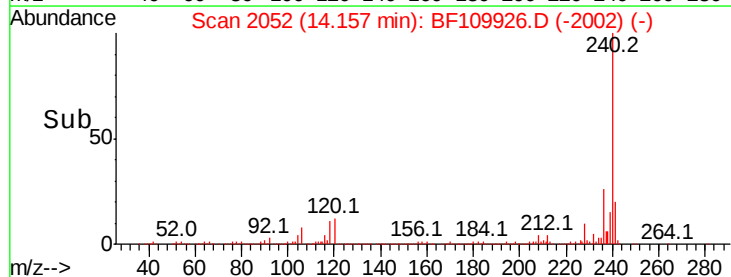
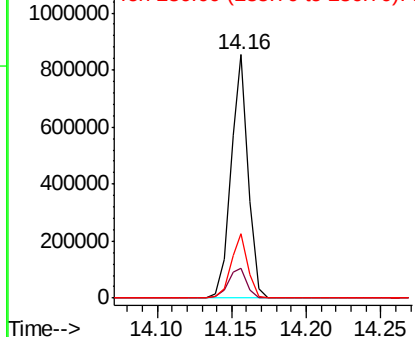


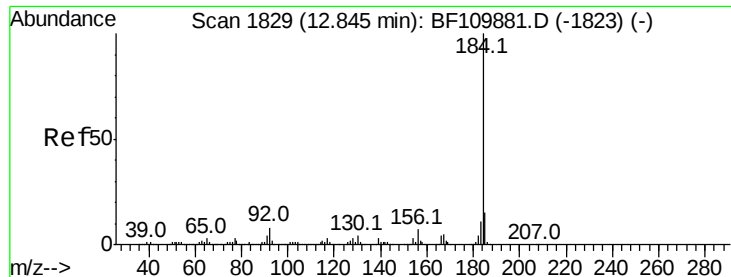
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:240 Resp: 691312
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.3 12.5
 236 26.3 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.640 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

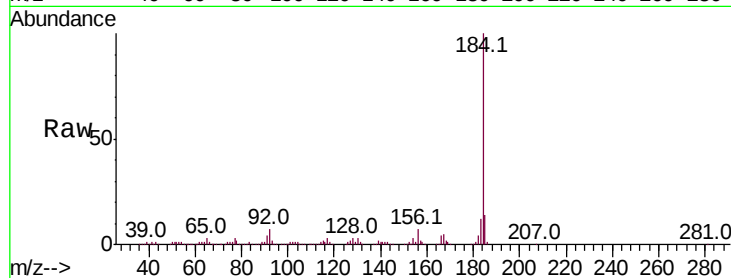
Tot Ion:184 Resp: 494062

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.2

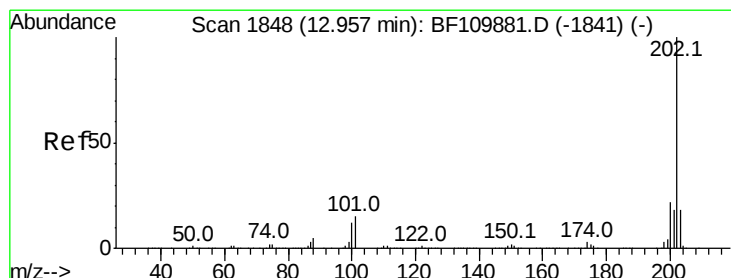
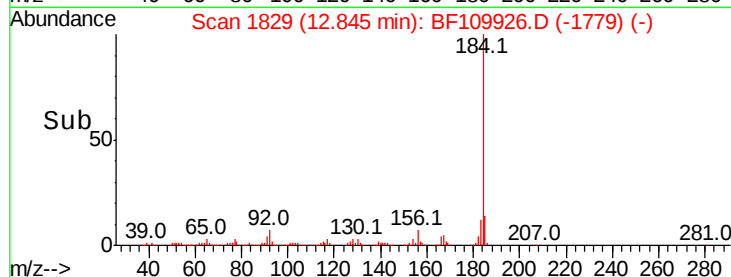
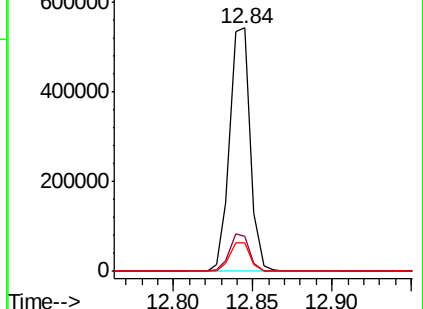
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 26.332 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

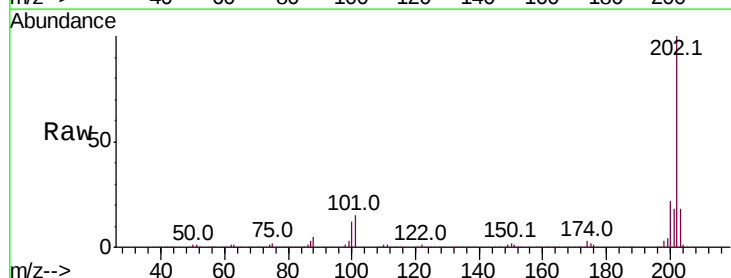
Tgt Ion:202 Resp: 1337002

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

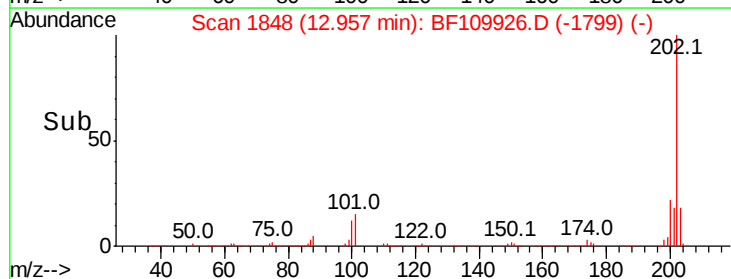
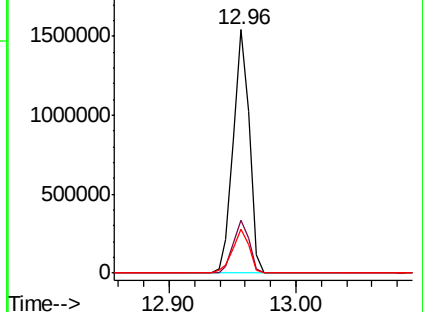
203 18.1 14.2 21.4

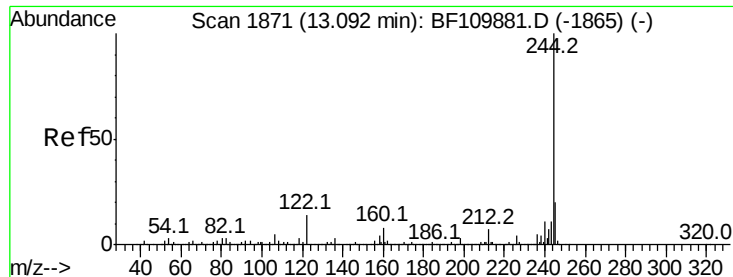


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

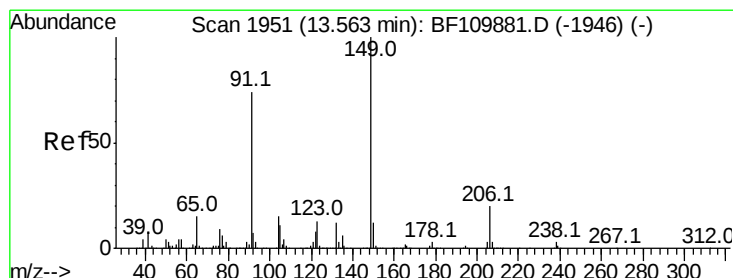
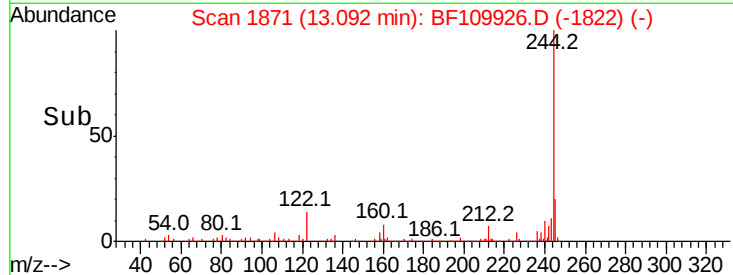
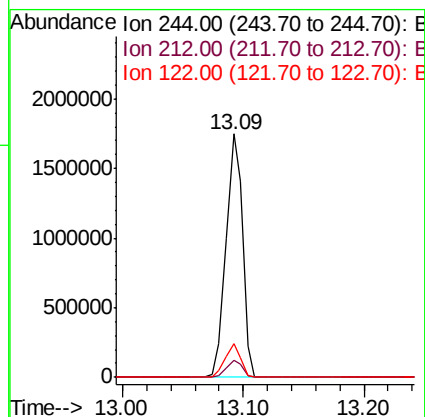
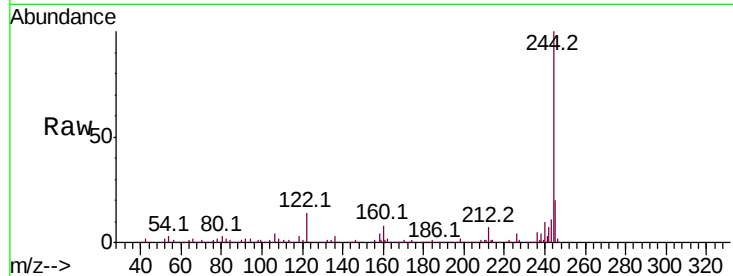




#79
 Terphenyl-d14
 Concen: 49.994 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

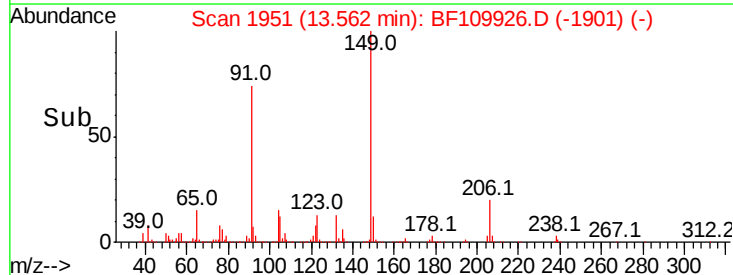
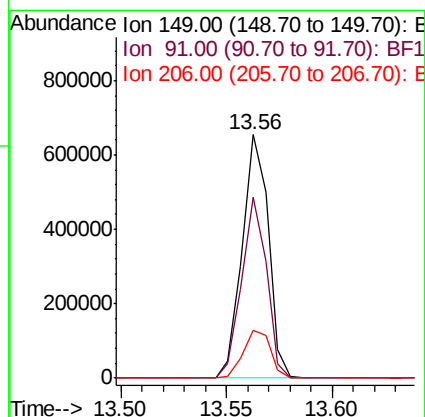
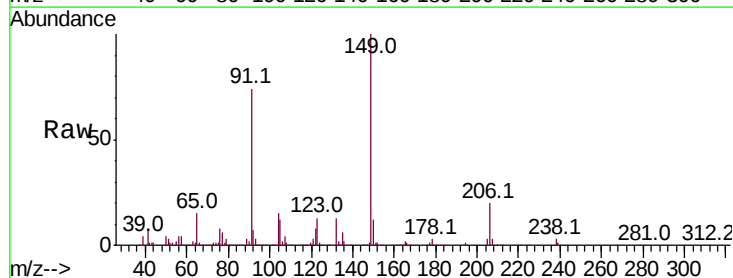
Instrument :
 BNA_F
 ClientSampleId :

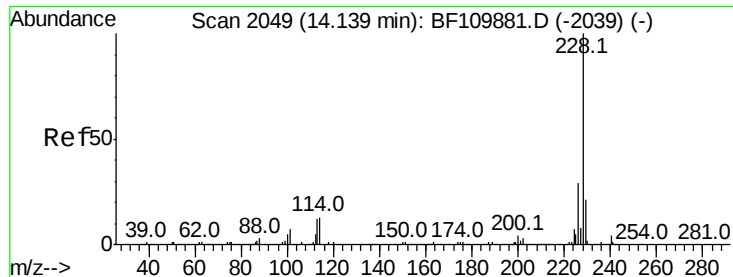
Tot Ion:244 Resp: 1645848
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.8 8.7 13.1#



#80
 Butylbenzylphthalate
 Concen: 27.245 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BF109926.D
 Acq: 17 Oct 2018 18:06

Tgt Ion:149 Resp: 559270
 Ion Ratio Lower Upper
 149 100
 91 74.5 57.2 85.8
 206 19.8 15.7 23.5





#81

Benzo(a)anthracene

Concen: 24.706 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

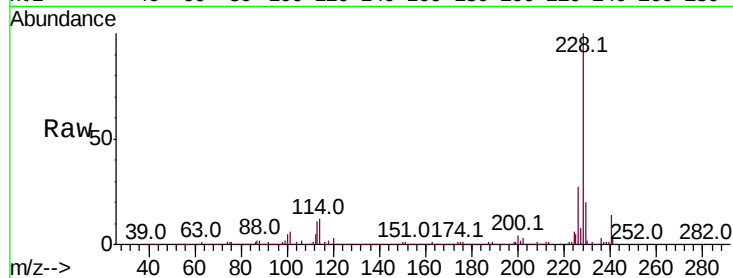
Tot Ion:228 Resp: 1006011

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.2	15.6	23.4

228 100

226 27.4 22.1 33.1

229 20.2 15.6 23.4

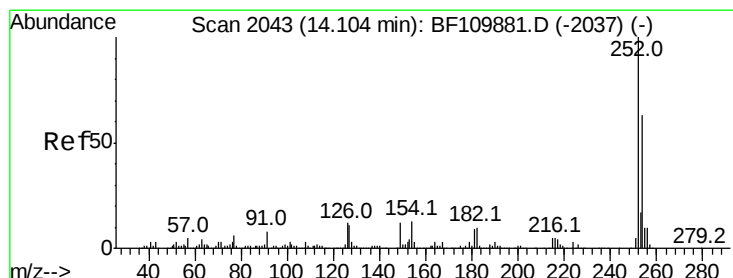
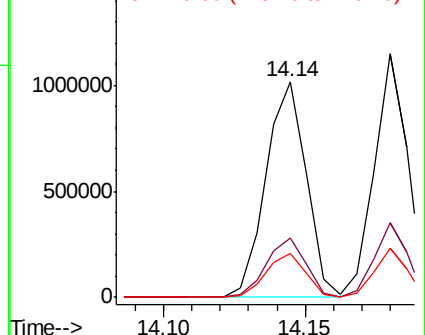
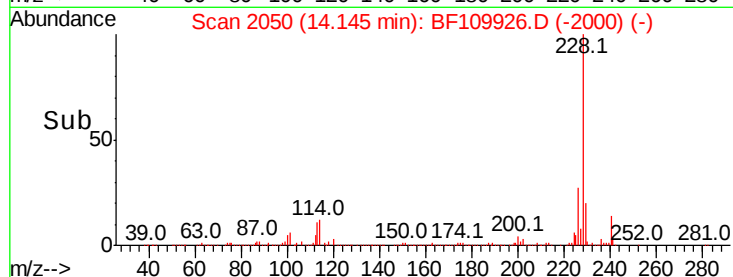


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.240 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

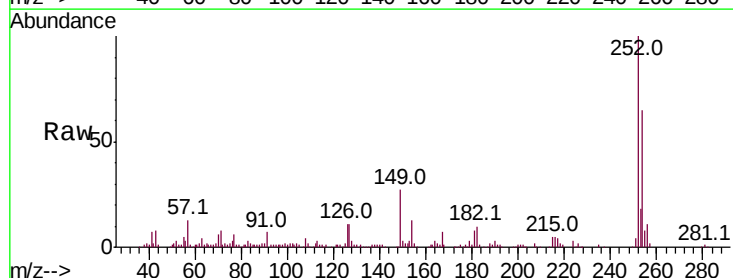
Tgt Ion:252 Resp: 131913

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.3	76.9
126	10.6	9.4	14.2

252 100

254 65.0 51.3 76.9

126 10.6 9.4 14.2

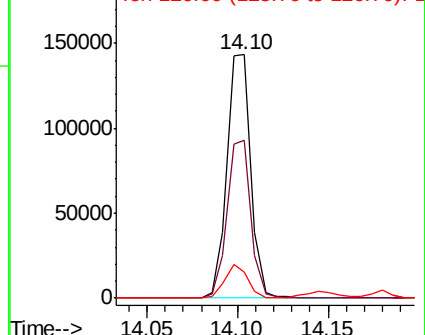
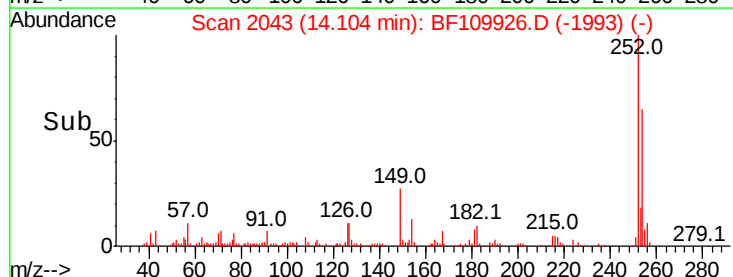


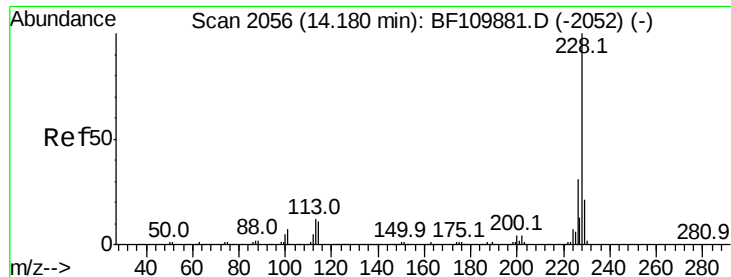
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 24.121 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

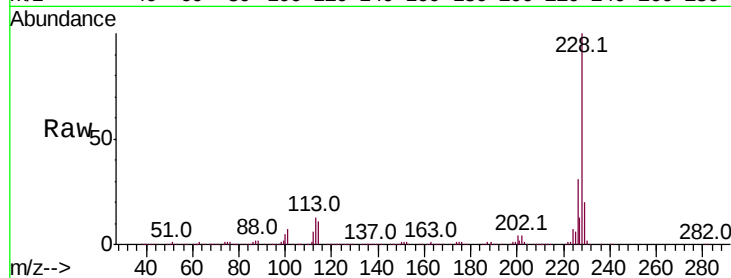
Tot Ion:228 Resp: 934929

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

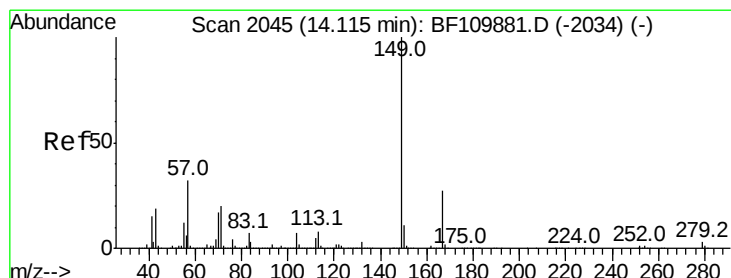
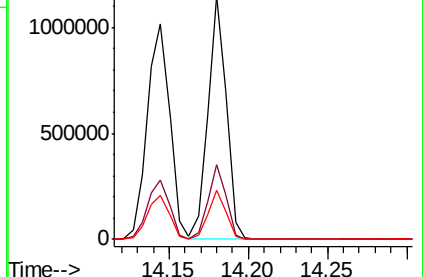
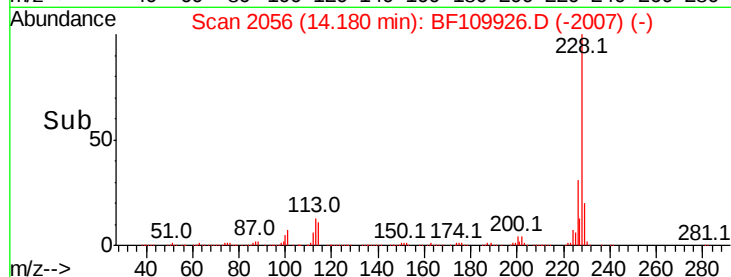
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.782 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

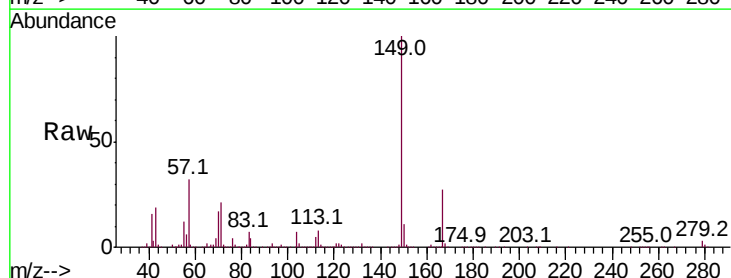
Tgt Ion:149 Resp: 723402

Ion Ratio Lower Upper

149 100

167 27.0 19.8 29.8

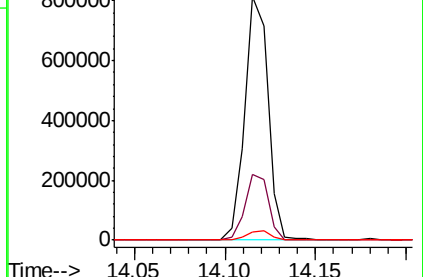
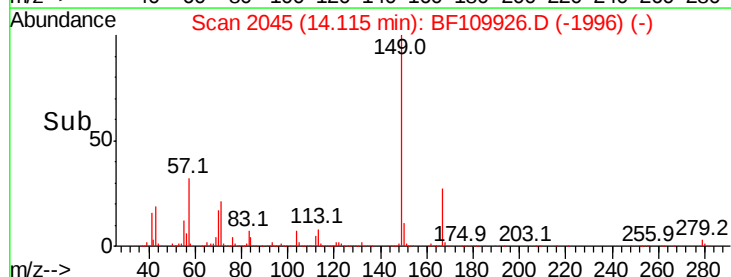
279 3.3 2.7 4.1

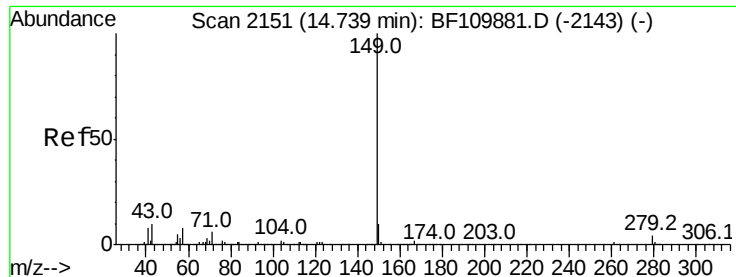


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

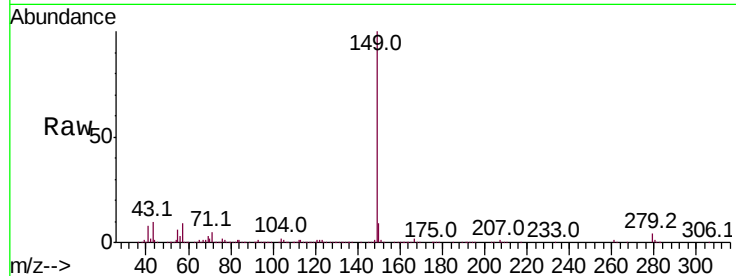




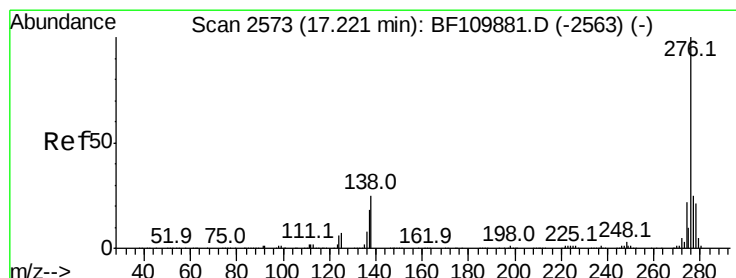
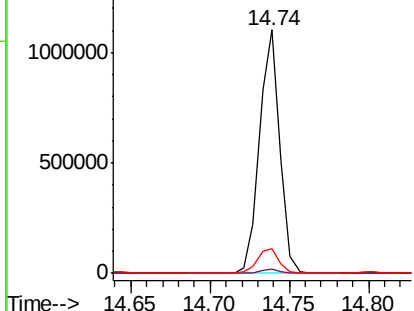
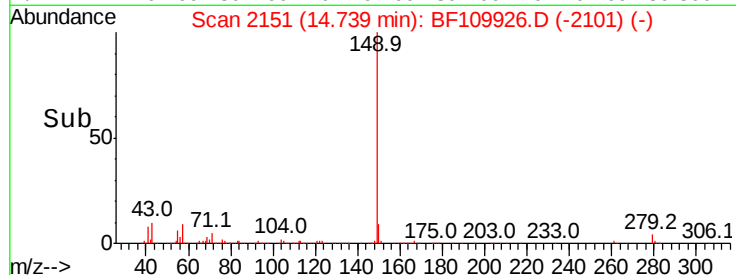
#85
Di-n-octyl phthalate
Concen: 25.824 ng
RT: 14.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.4	7.8	11.8

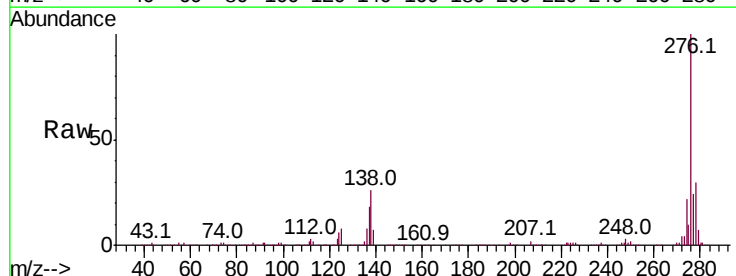


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

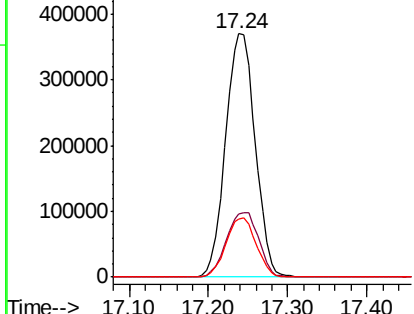
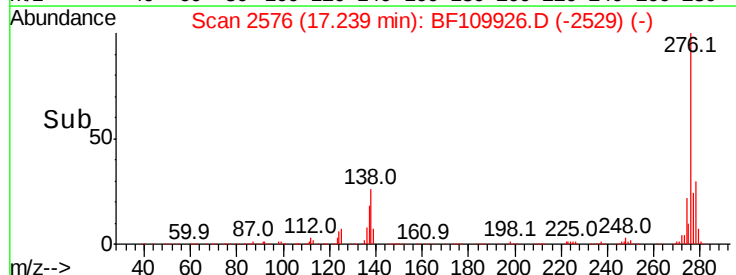


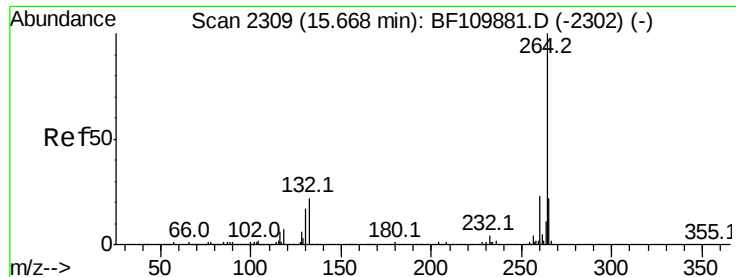
#86
Indeno(1,2,3-cd)pyrene
Concen: 30.677 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.5	27.7#
277	24.7	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

Instrument :

BNA_F

ClientSampleId :

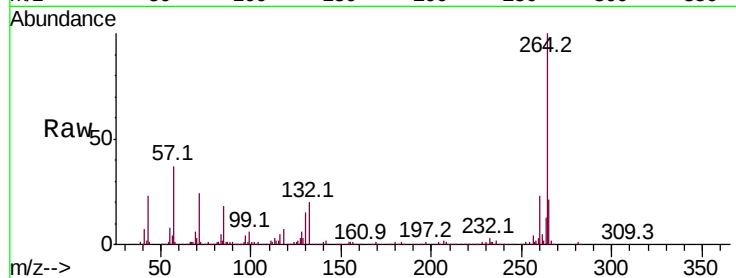
Tot Ion:264 Resp: 555849

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

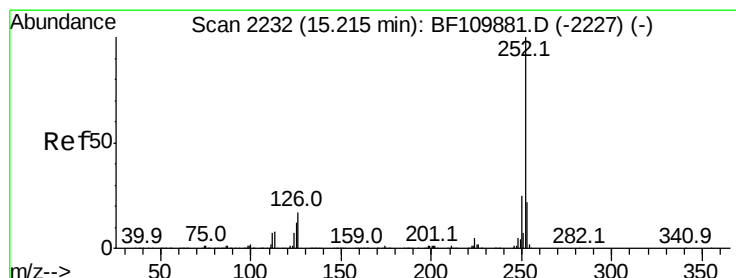
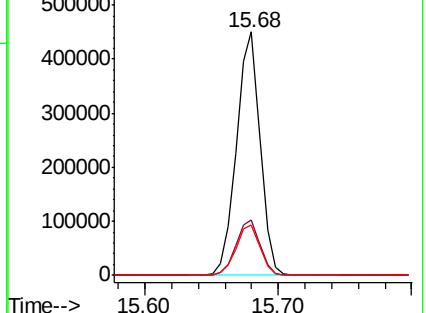
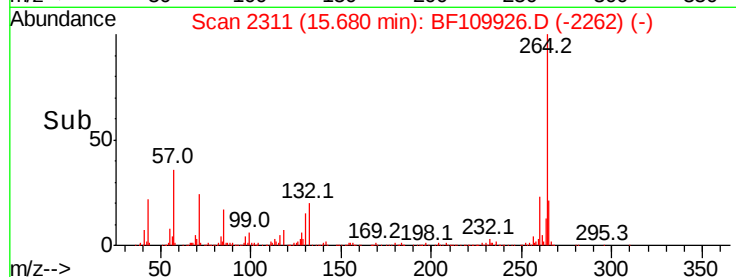
265 20.7 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 24.687 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109926.D

Acq: 17 Oct 2018 18:06

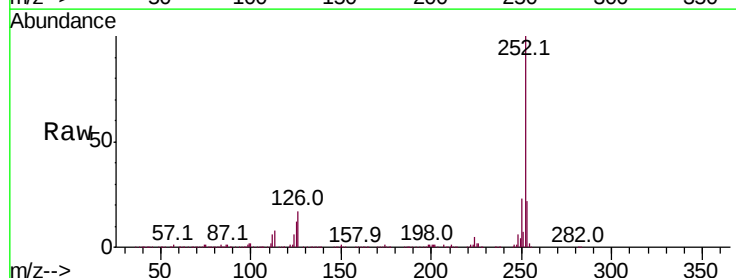
Tgt Ion:252 Resp: 791123

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

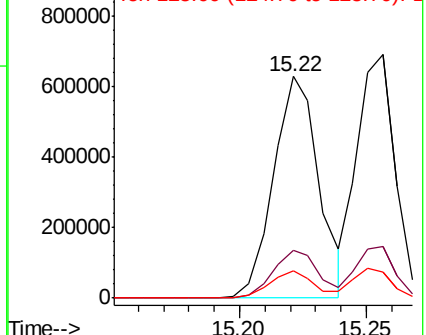
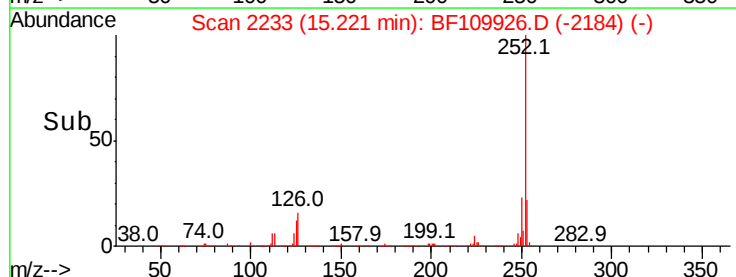
125 12.2 8.2 12.4

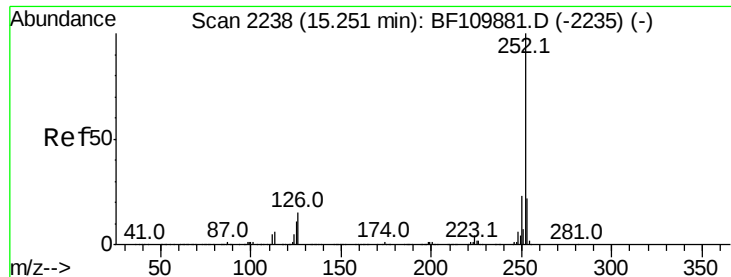


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

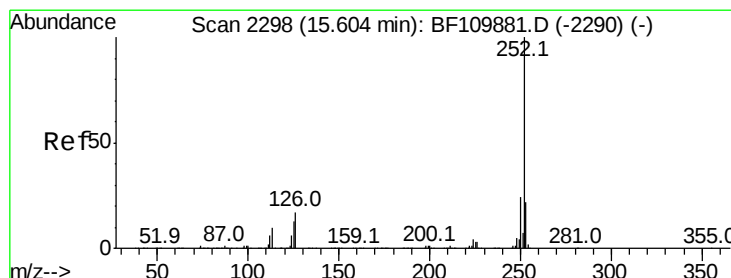
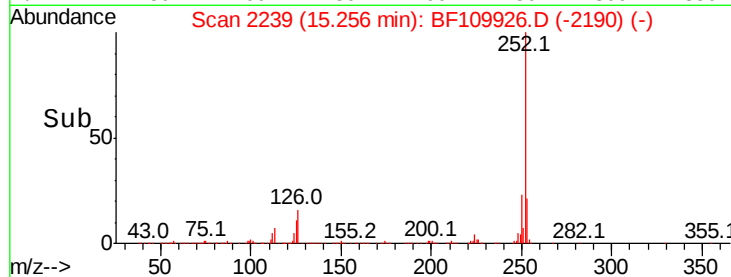
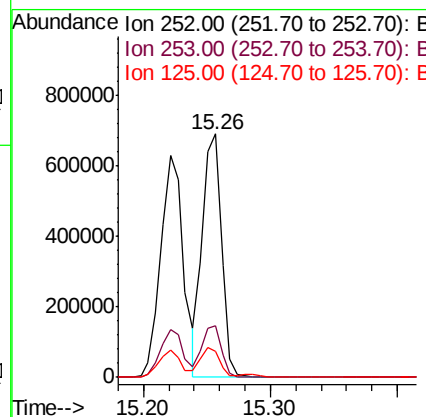
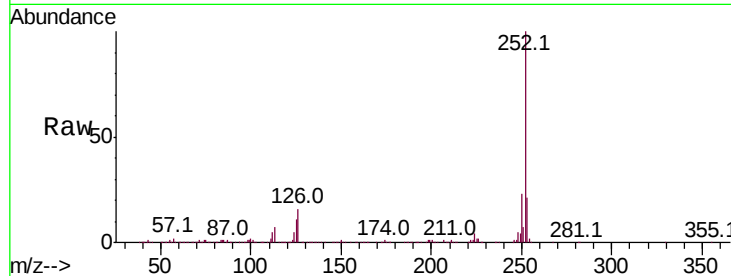




#89
Benzo(k)fluoranthene
Concen: 22.927 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

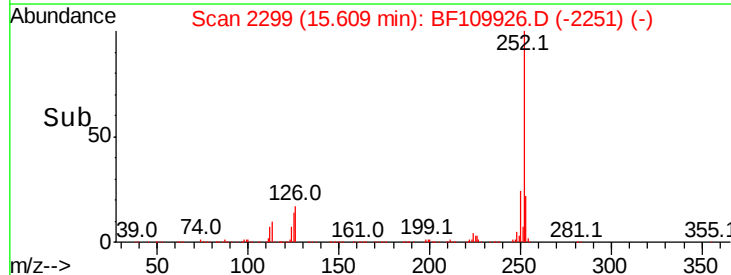
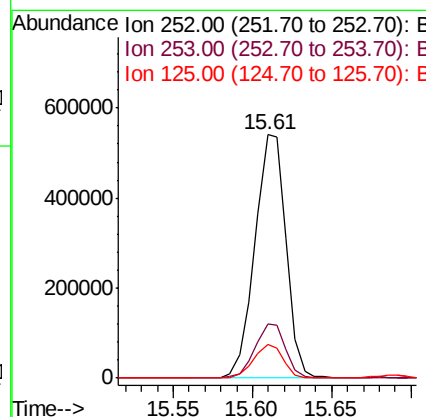
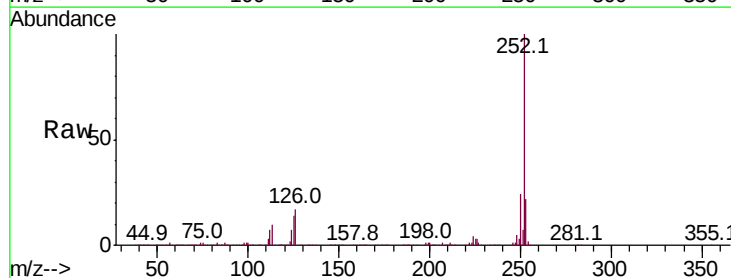
Instrument :
BNA_F
ClientSampleId :

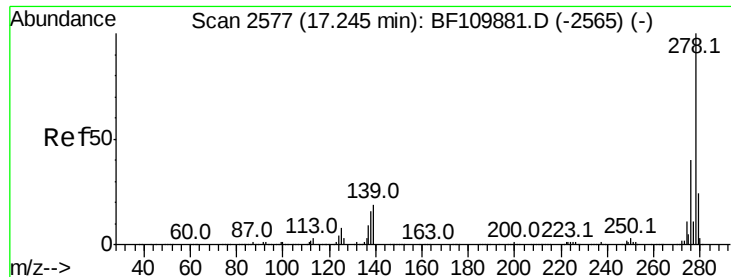
Tot Ion:252 Resp: 724173
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 25.100 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion:252 Resp: 739782
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 13.8 9.0 13.6#

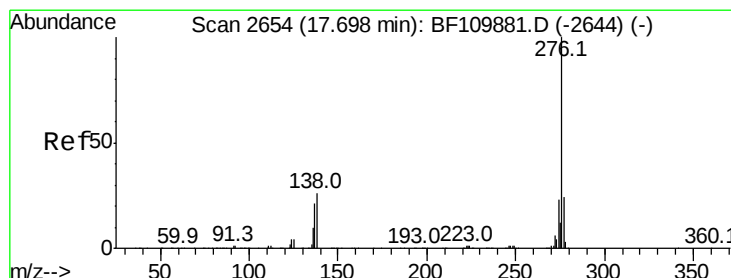
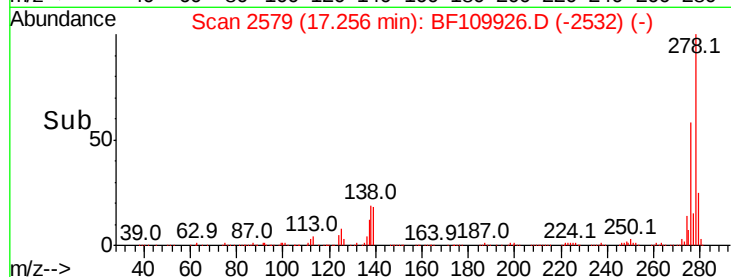
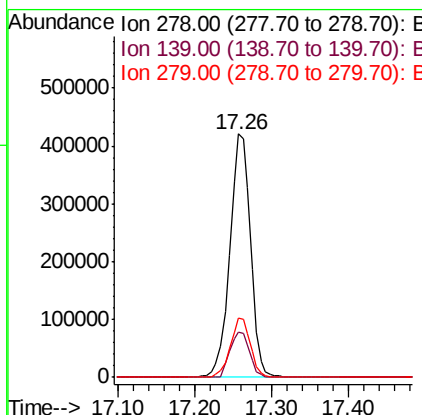
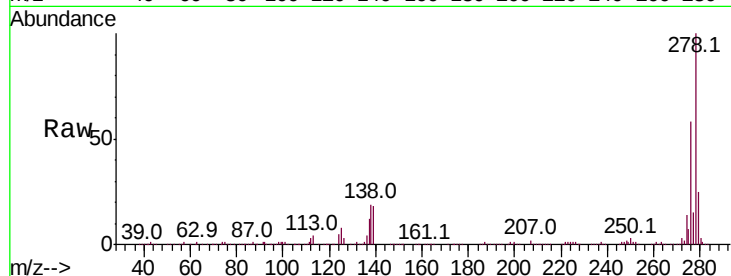




#91
Dibenzo(a,h)anthracene
Concen: 30.258 ng
RT: 17.26 min Scan# 2579
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	12.7	19.1
279	24.6	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 31.207 ng
RT: 17.72 min Scan# 2657
Delta R.T. -0.02 min
Lab File: BF109926.D
Acq: 17 Oct 2018 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	25.1	16.0	24.0

