

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
 Data File : BF109888.D
 Acq On : 15 Oct 2018 19:26
 Operator : JU/SJ
 Sample : PB113836BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 01:16:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 15 18:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	243248	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	945797	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	433318	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	770509	20.00	ng	0.00
76) Chrysene-d12	14.15	240	456310	20.00	ng	0.00
87) Perylene-d12	15.67	264	511213	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1603820	104.51	ng	0.01
7) Phenol-d6	6.60	99	2029502	106.51	ng	0.00
23) Nitrobenzene-d5	7.54	82	1235617	88.01	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	437143	116.52	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	2167076	79.80	ng	0.00
79) Terphenyl-d14	13.09	244	1826016	84.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	265055	30.411	ng	92
3) Pyridine	3.66	79	752382	38.720	ng	90
4) n-Nitrosodimethylamine	3.62	42	365390	46.096	ng	# 99
6) Aniline	6.64	93	536023	20.874	ng	# 52
8) 2-Chlorophenol	6.76	128	721603	41.980	ng	98
9) Benzaldehyde	6.53	77	357623	28.880	ng	100
10) Phenol	6.61	94	839555	40.808	ng	# 62
11) bis(2-Chloroethyl)ether	6.71	93	697268	40.534	ng	92
12) 1,3-Dichlorobenzene	6.92	146	757675	40.198	ng	95
13) 1,4-Dichlorobenzene	6.99	146	764409	40.269	ng	98
14) 1,2-Dichlorobenzene	7.15	146	708443	40.528	ng	99
15) Benzyl Alcohol	7.11	79	619832	42.281	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1165508	41.280	ng	67
17) 2-Methylphenol	7.22	107	598604	43.186	ng	# 81
18) Hexachloroethane	7.49	117	280747	41.851	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	489454	40.005	ng	96
20) 3+4-Methylphenols	7.37	107	737692	41.940	ng	# 89
22) Acetophenone	7.39	105	968072	44.136	ng	98
24) Nitrobenzene	7.56	77	729462	47.826	ng	96
25) Isophorone	7.80	82	1365547	49.499	ng	95
26) 2-Nitrophenol	7.87	139	339369	53.664	ng	92
27) 2,4-Dimethylphenol	7.90	122	677021	50.950	ng	95
28) bis(2-Chloroethoxy)methane	8.00	93	877550	46.350	ng	99
29) 2,4-Dichlorophenol	8.11	162	588490	45.653	ng	100
30) 1,2,4-Trichlorobenzene	8.20	180	625364	43.328	ng	96
31) Naphthalene	8.28	128	2019392	46.561	ng	99
32) Benzoic acid	7.99	122	210918	25.475	ng	93
33) 4-Chloroaniline	8.32	127	196677	10.088	ng	99
34) Hexachlorobutadiene	8.40	225	336577	42.289	ng	98
35) Caprolactam	8.65	113	12359	2.700	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	617937	45.441	ng	97
37) 2-Methylnaphthalene	8.97	142	1380096	49.142	ng	98
38) 1-Methylnaphthalene	9.07	142	1313932	48.283	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	561109	42.041	ng	# 98

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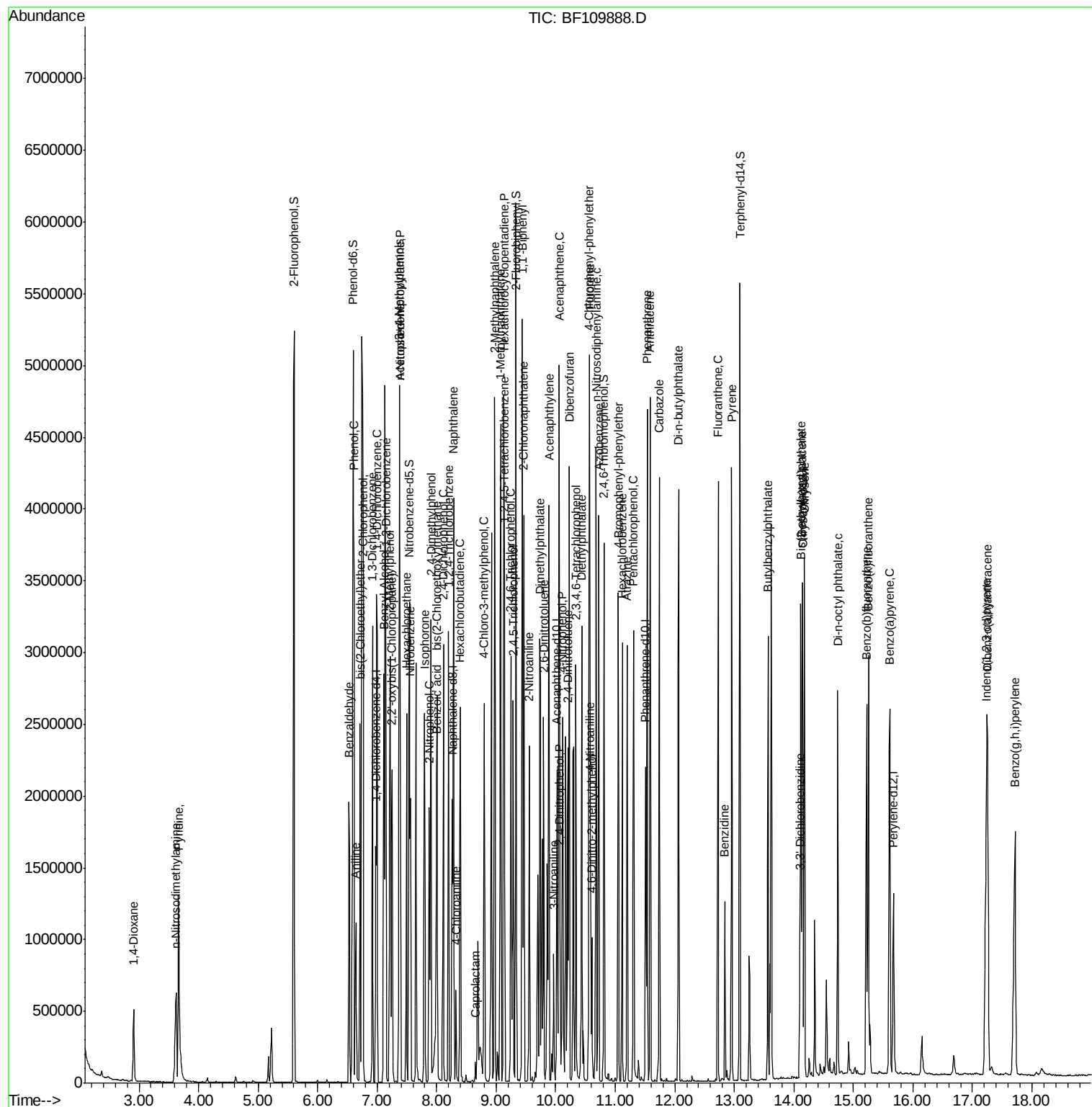
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	679607	105.498	nq	99
43) 2,4,6-Trichlorophenol	9.25	196	394202	47.235	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	408553	47.168	nq	94
46) 1,1'-Biphenyl	9.44	154	1610105	41.705	nq	97
47) 2-Chloronaphthalene	9.46	162	1238072	43.536	nq	97
48) 2-Nitroaniline	9.56	65	374404	51.303	nq	97
49) Acenaphthylene	9.89	152	1941400	46.993	nq	97
50) Dimethylphthalate	9.73	163	1401921	45.691	nq	98
51) 2,6-Dinitrotoluene	9.80	165	305430	52.410	nq	95
52) Acenaphthene	10.06	154	1247329	47.424	nq	99
53) 3-Nitroaniline	9.96	138	128133	18.075	nq	98
54) 2,4-Dinitrophenol	10.07	184	150799	81.091	nq	# 79
55) Dibenzofuran	10.23	168	1685971	44.947	nq	97
56) 4-Nitrophenol	10.12	139	505960	93.538	nq	87
57) 2,4-Dinitrotoluene	10.20	165	385530	51.953	nq	# 89
58) Fluorene	10.57	166	1266426	46.380	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	327937	47.772	nq	95
60) Diethylphthalate	10.44	149	1343612	44.337	nq	97
61) 4-Chlorophenyl-phenylether	10.56	204	599114	42.121	nq	97
62) 4-Nitroaniline	10.59	138	297570	44.344	nq	92
63) Azobenzene	10.72	77	1379224	43.565	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	117830	43.165	nq	98
66) n-Nitrosodiphenylamine	10.68	169	1139391	44.399	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	371280	44.463	nq	93
68) Hexachlorobenzene	11.12	284	390026	43.801	nq	# 92
69) Atrazine	11.20	200	370920	46.272	nq	98
70) Pentachlorophenol	11.31	266	347967	68.665	nq	96
71) Phenanthrene	11.54	178	1821853	45.672	nq	99
72) Anthracene	11.59	178	1911144	47.655	nq	99
73) Carbazole	11.74	167	1627127	41.283	nq	99
74) Di-n-butylphthalate	12.06	149	1904483	43.297	nq	99
75) Fluoranthene	12.73	202	1744943	43.789	nq	99
77) Benzidine	12.84	184	430575	24.611	nq	97
78) Pyrene	12.96	202	1727010	51.530	nq	100
80) Butylbenzylphthalate	13.56	149	674967	49.815	nq	98
81) Benzo(a)anthracene	14.14	228	1304577	48.537	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	203452	21.591	nq	98
83) Chrysene	14.18	228	1205544	47.122	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	840074	47.118	nq	96
85) Di-n-octyl phthalate	14.74	149	1325799	52.745	nq	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	1747492	84.835	nq	# 93
88) Benzo(b)fluoranthene	15.22	252	1284338	43.577	nq	97
89) Benzo(k)fluoranthene	15.25	252	1218305	41.938	nq	# 95
90) Benzo(a)pyrene	15.61	252	1304027	48.108	nq	97
91) Dibenzo(a,h)anthracene	17.26	278	1428812	59.478	nq	# 96
92) Benzo(g,h,i)perylene	17.72	276	1492325	61.485	nq	# 94

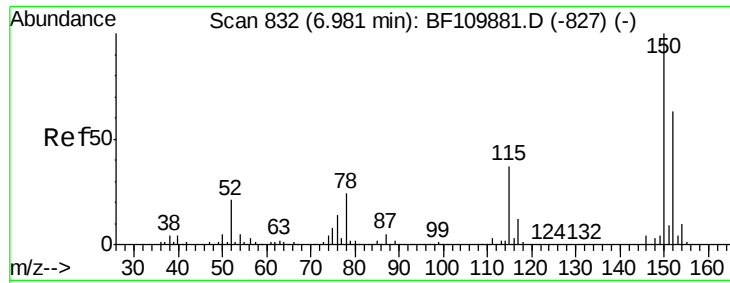
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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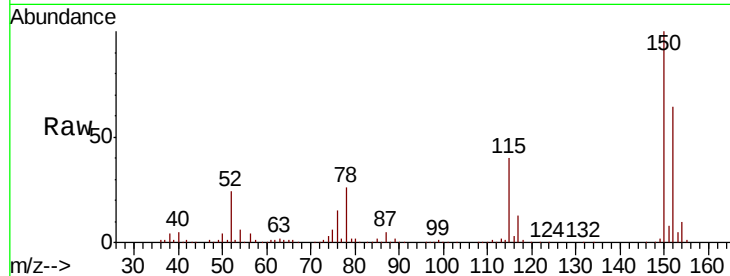




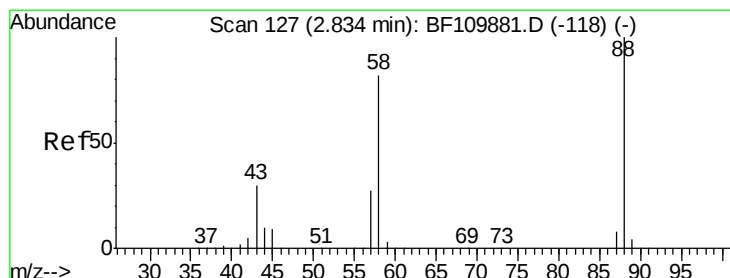
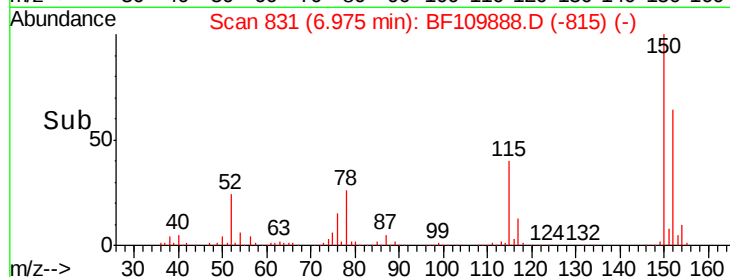
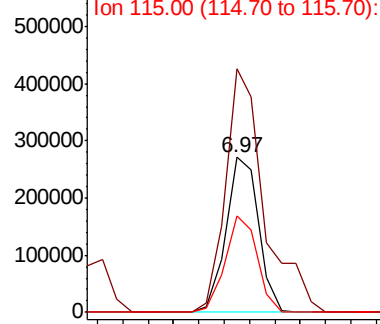
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 243248
 Ion Ratio Lower Upper
 152 100
 150 157.1 122.7 184.1
 115 62.3 49.1 73.7

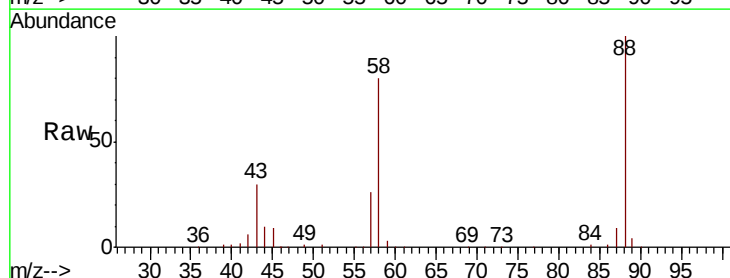


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

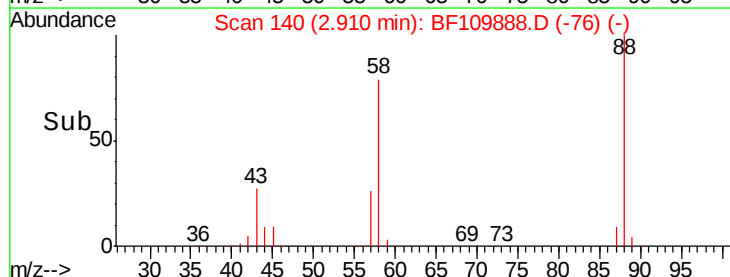
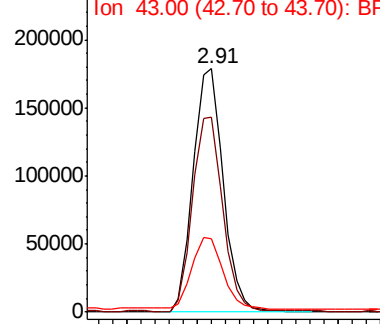


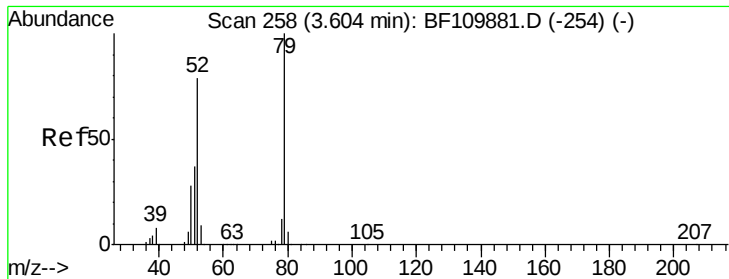
#2
 1,4-Dioxane
 Concen: 30.411 ng
 RT: 2.91 min Scan# 140
 Delta R.T. 0.08 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion: 88 Resp: 265055
 Ion Ratio Lower Upper
 88 100
 58 80.1 57.1 85.7
 43 31.1 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: 38.720 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

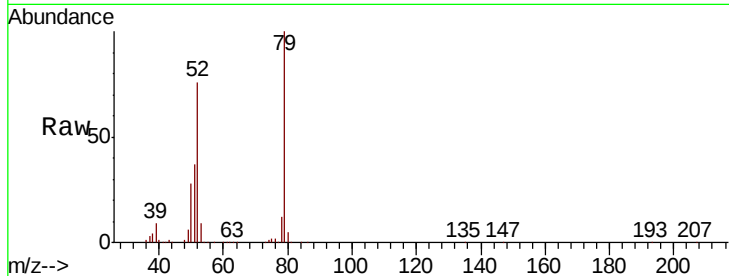
Tot Ion: 79 Resp: 752382

Ion Ratio Lower Upper

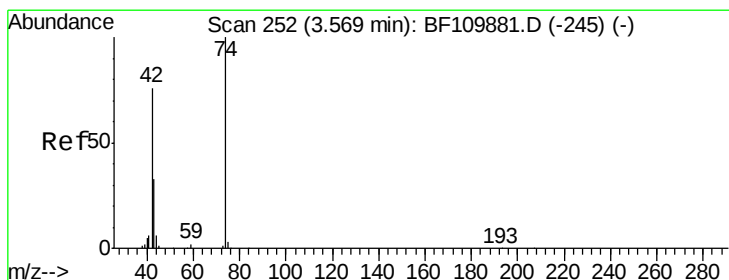
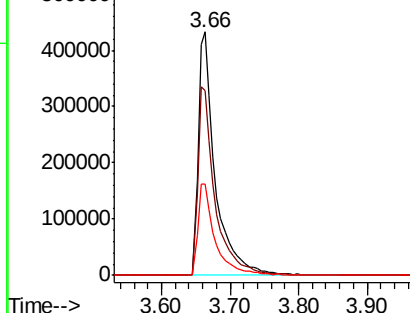
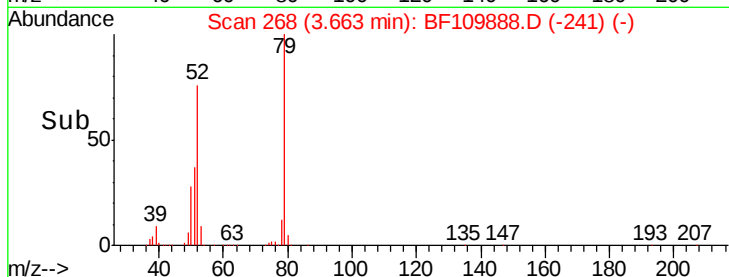
79 100

52 75.9 53.1 79.7

51 37.4 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: 46.096 ng

RT: 3.62 min Scan# 261

Delta R.T. 0.05 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

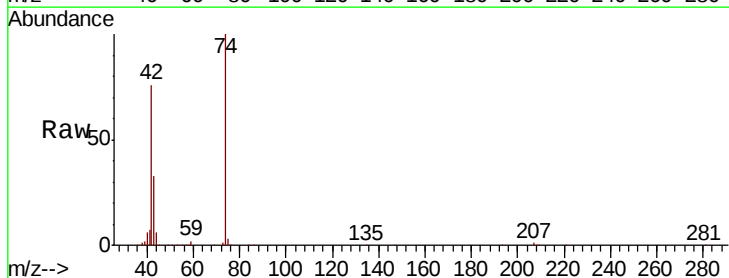
Tgt Ion: 42 Resp: 365390

Ion Ratio Lower Upper

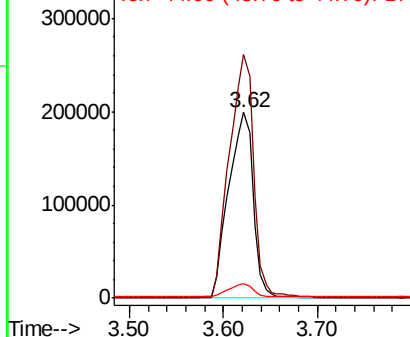
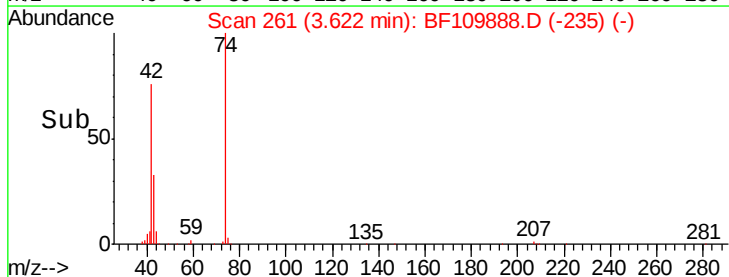
42 100

74 131.1 105.5 158.3

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: 104.514 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

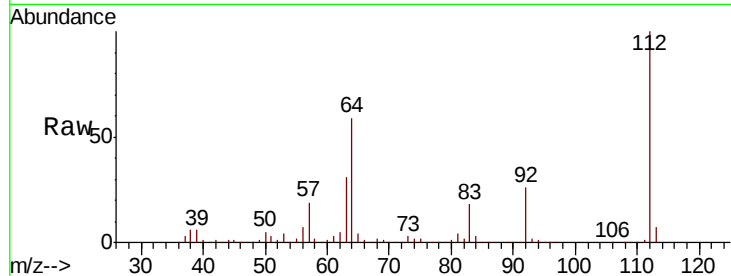
Tot Ion:112 Resp: 1603820

Ion Ratio Lower Upper

112 100

64 58.5 44.1 66.1

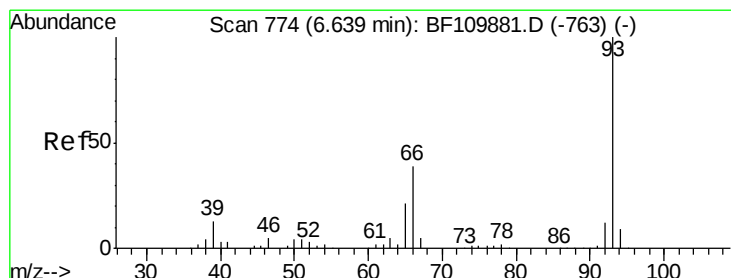
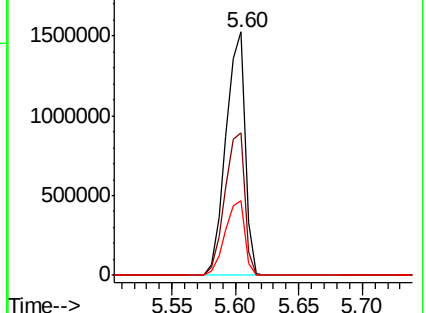
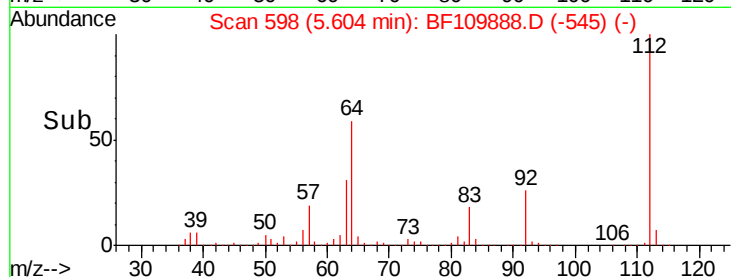
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.874 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

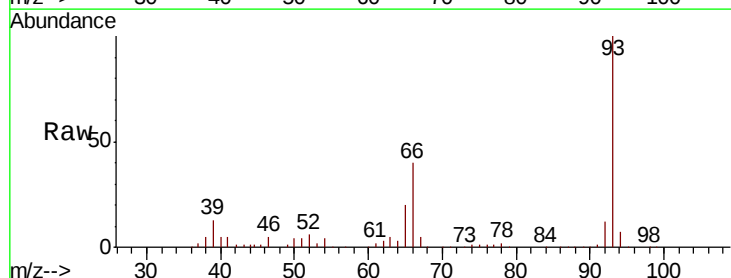
Tgt Ion: 93 Resp: 536023

Ion Ratio Lower Upper

93 100

66 39.5 67.4 101.0#

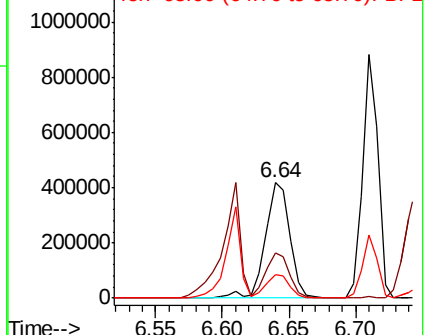
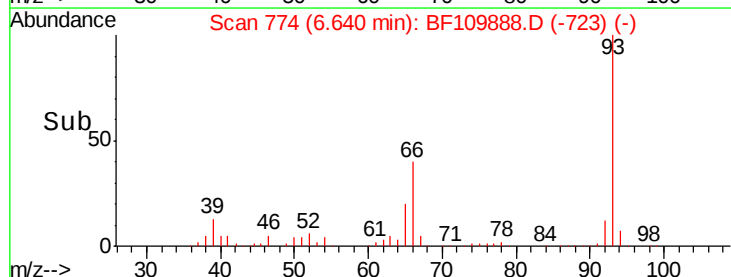
65 20.0 41.0 61.4#

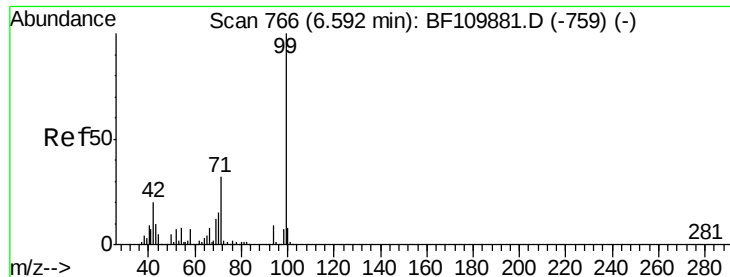


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.507 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF109888.D

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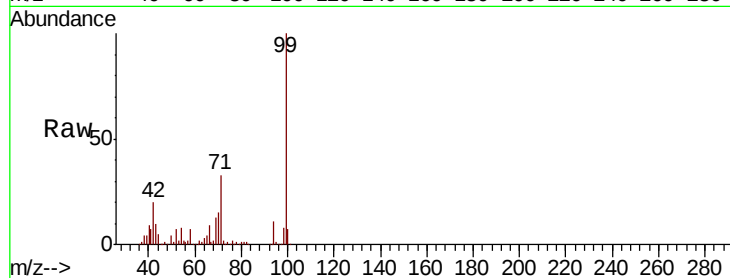
Tot Ion: 99 Resp: 2029502

Ion Ratio Lower Upper

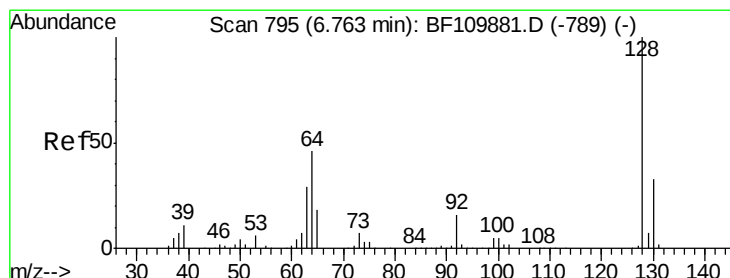
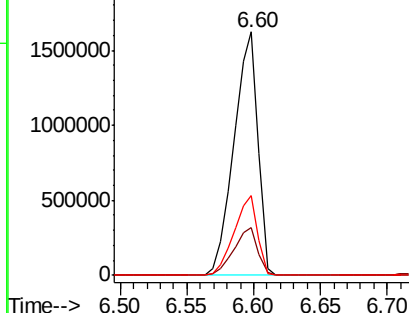
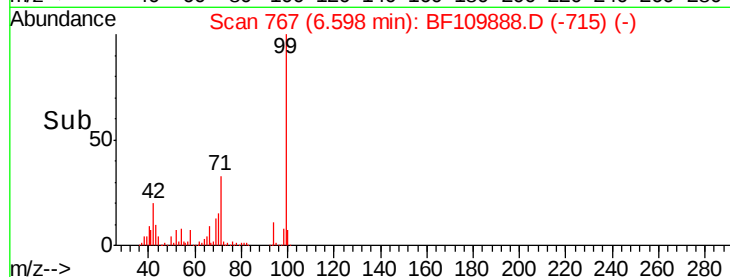
99 100

42 19.5 15.8 23.6

71 32.9 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: 41.980 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

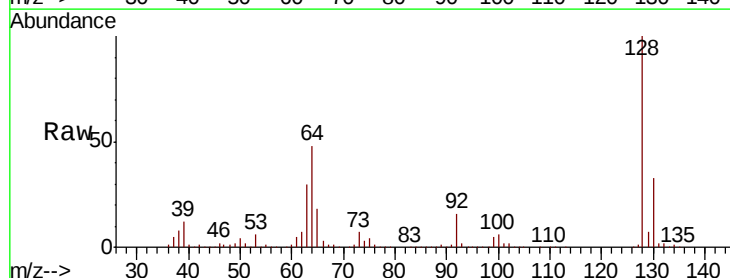
Tgt Ion: 128 Resp: 721603

Ion Ratio Lower Upper

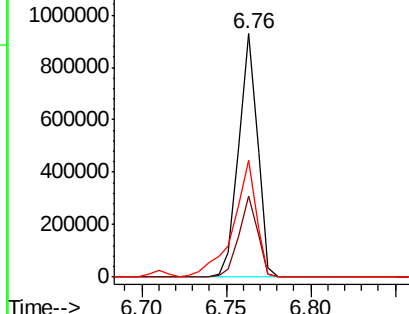
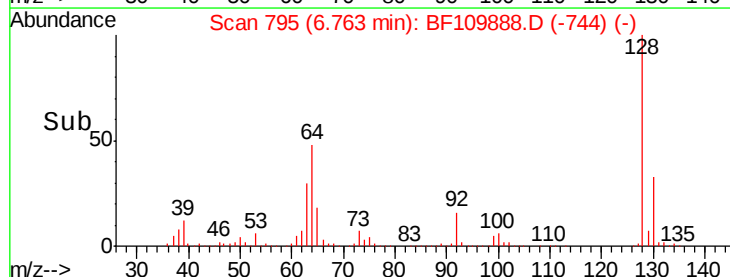
128 100

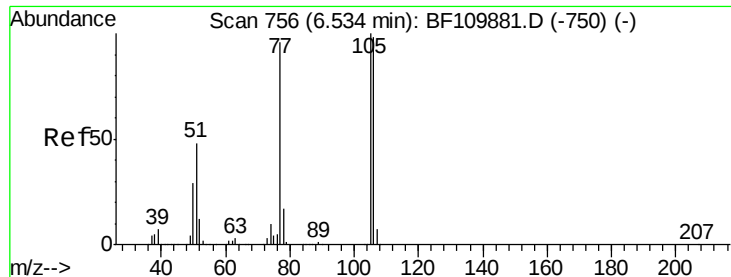
130 33.4 13.1 53.1

64 47.9 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: 28.880 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

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ClientSampled :

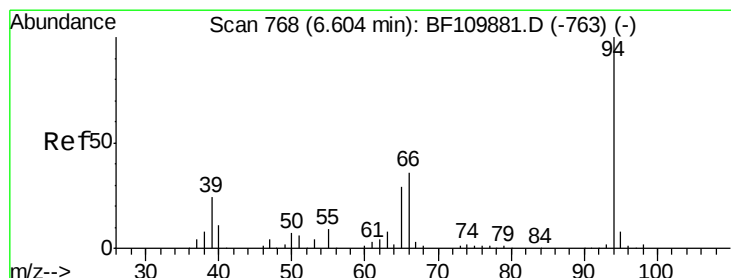
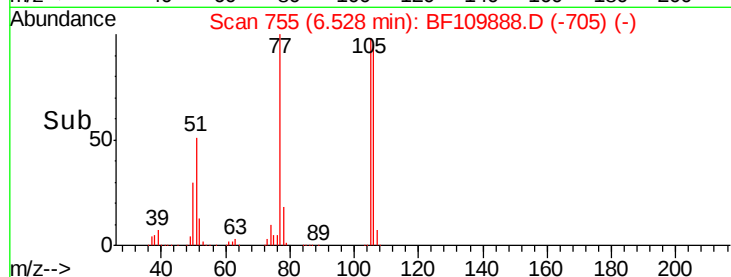
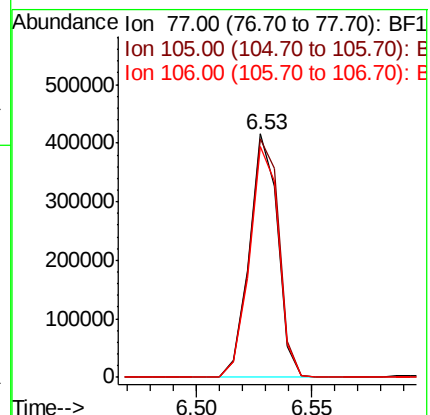
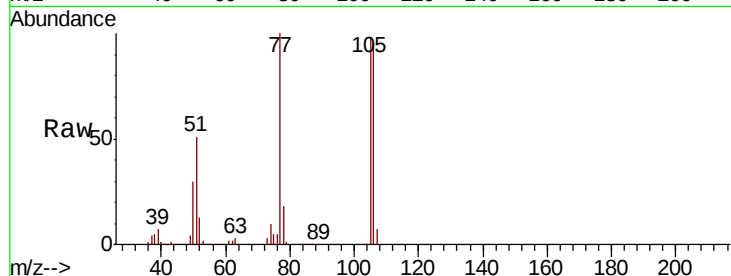
Tot Ion: 77 Resp: 357623

Ion Ratio Lower Upper

77 100

105 98.0 78.6 118.6

106 94.6 74.8 114.8



#10

Phenol

Concen: 40.808 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

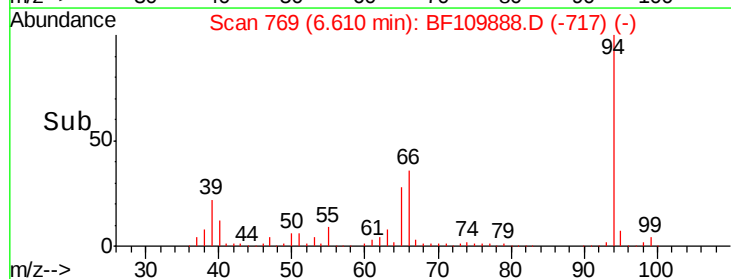
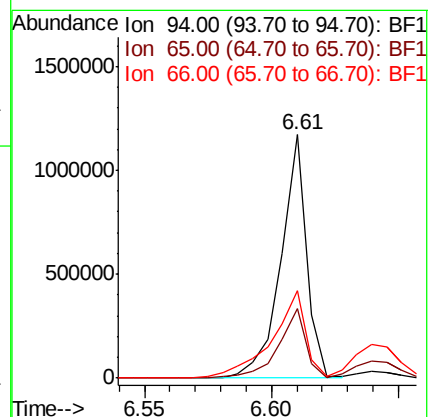
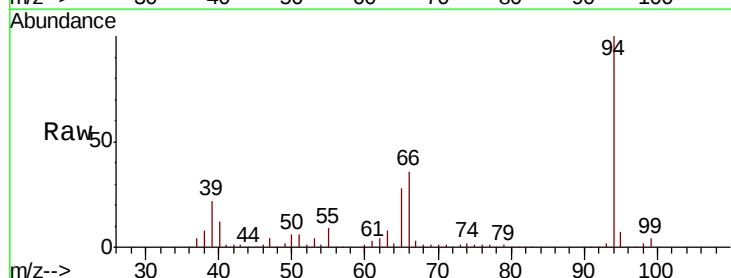
Tgt Ion: 94 Resp: 839555

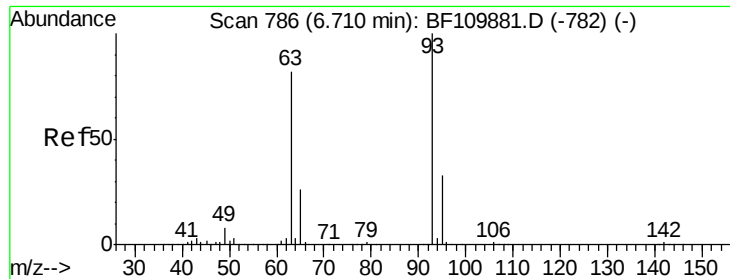
Ion Ratio Lower Upper

94 100

65 28.4 25.3 65.3

66 35.7 54.5 94.5#

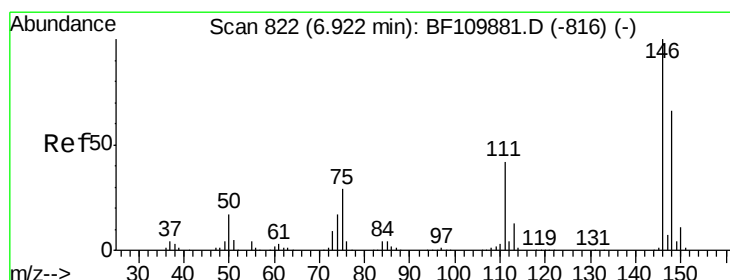
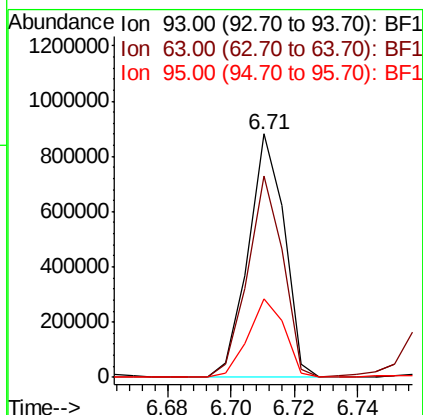
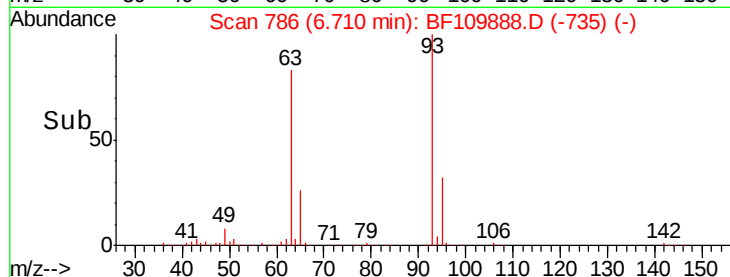
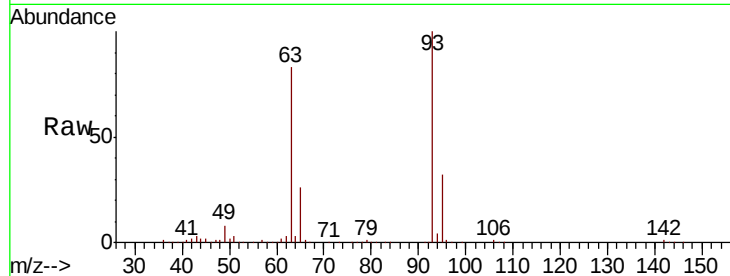




#11
bis(2-Chloroethyl)ether
Concen: 40.534 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

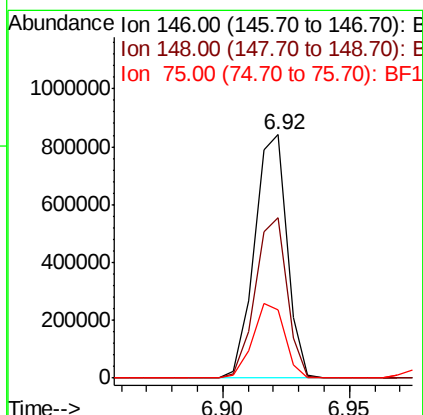
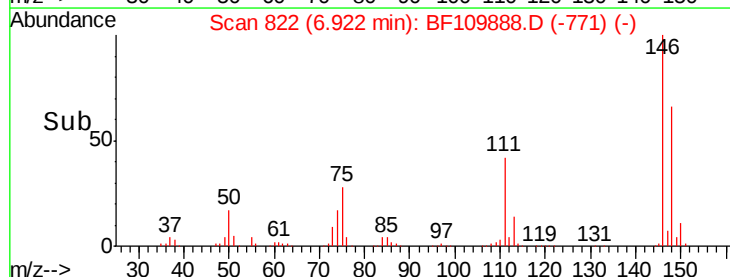
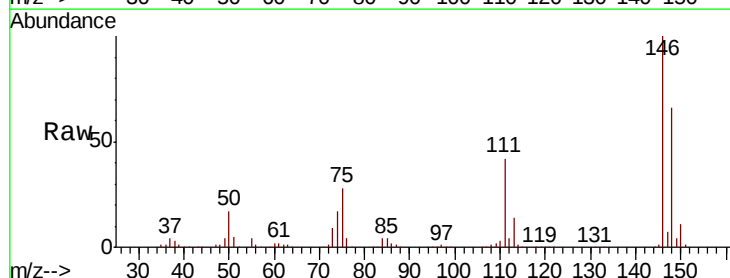
Instrument :
BNA_F
ClientSampleId :

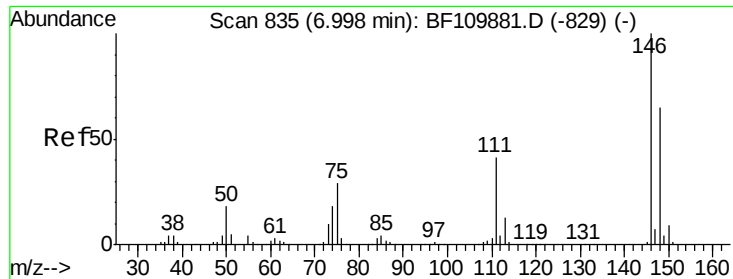
Tot Ion: 93 Resp: 697268
Ion Ratio Lower Upper
93 100
63 82.5 53.4 93.4
95 32.1 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.198 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion: 146 Resp: 757675
Ion Ratio Lower Upper
146 100
148 66.1 50.4 75.6
75 28.2 25.8 38.6

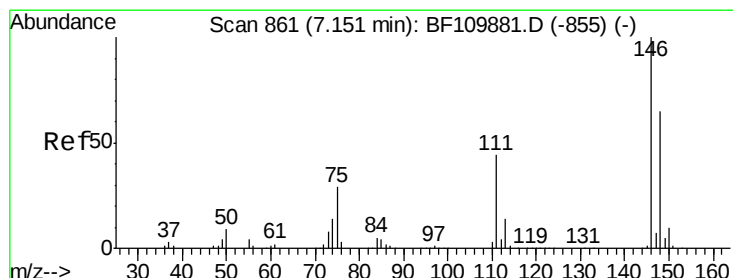
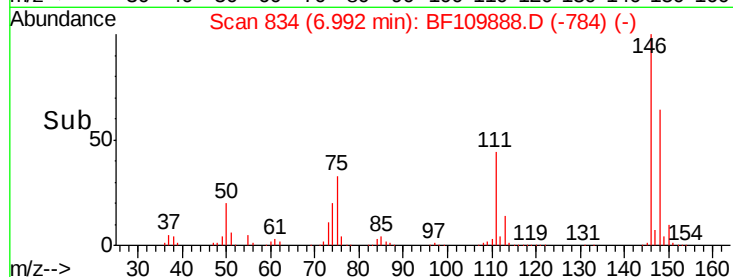
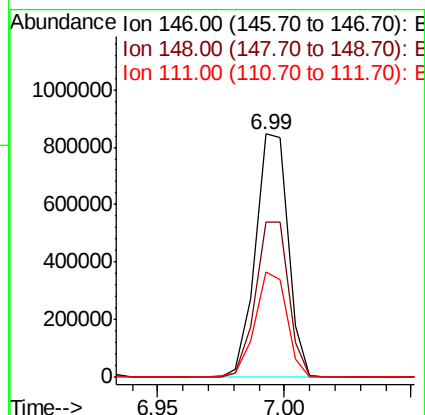
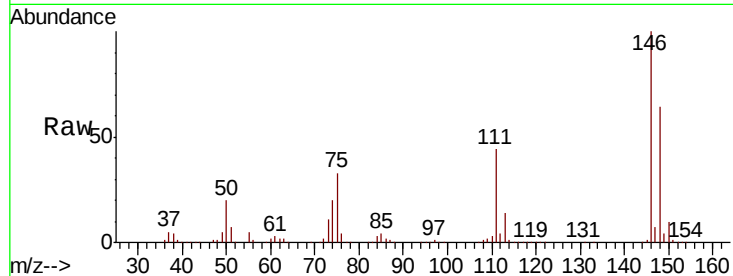




#13
 1,4-Dichlorobenzene
 Concen: 40.269 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

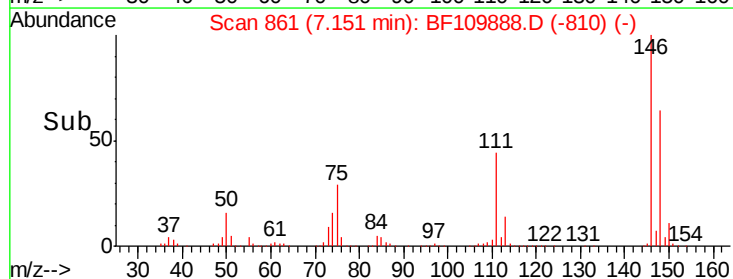
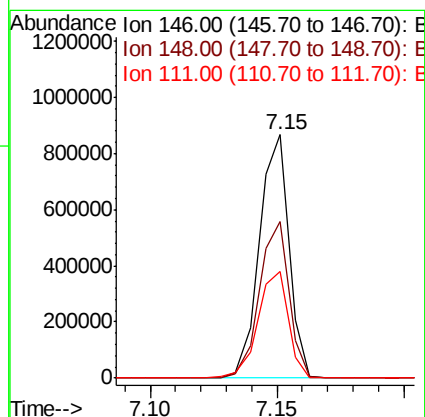
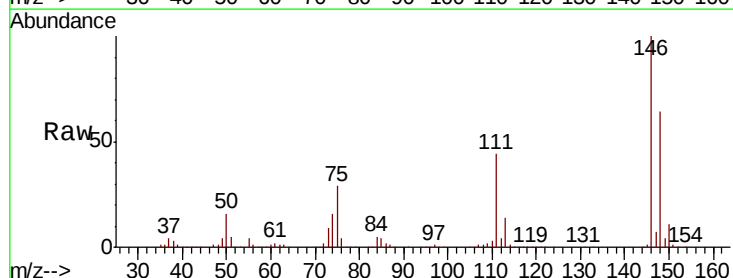
Instrument :
 BNA_F
 ClientSampled :

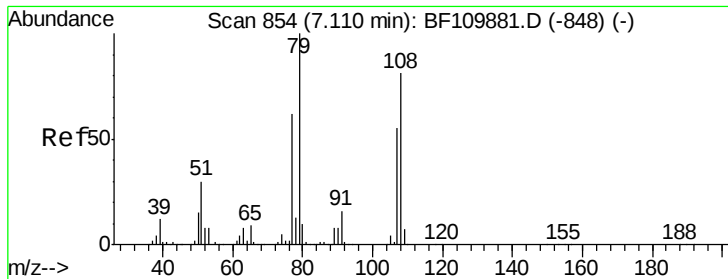
Tot Ion:146 Resp: 764409
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.3 75.5
 111 43.5 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 40.528 ng
 RT: 7.15 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:146 Resp: 708443
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 43.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 42.281 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

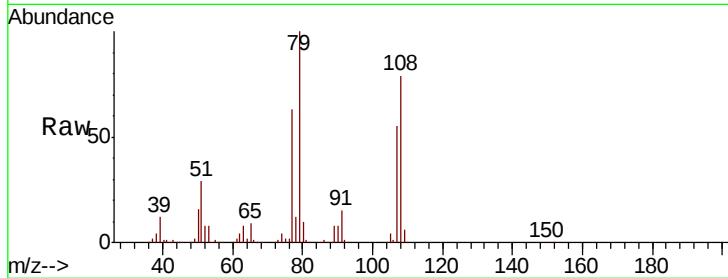
Tot Ion: 79 Resp: 619832

Ion Ratio Lower Upper

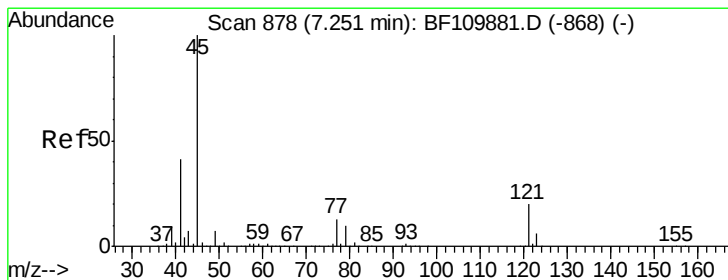
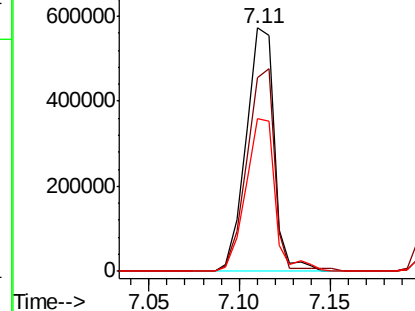
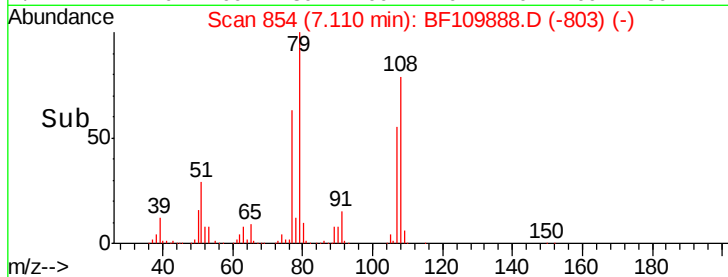
79 100

108 79.4 56.3 84.5

77 63.0 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: 41.280 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

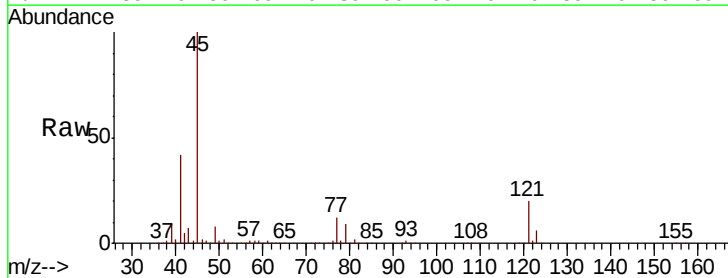
Tgt Ion: 45 Resp: 1165508

Ion Ratio Lower Upper

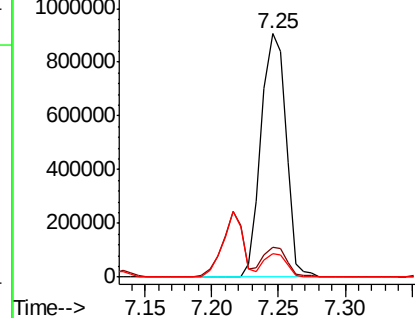
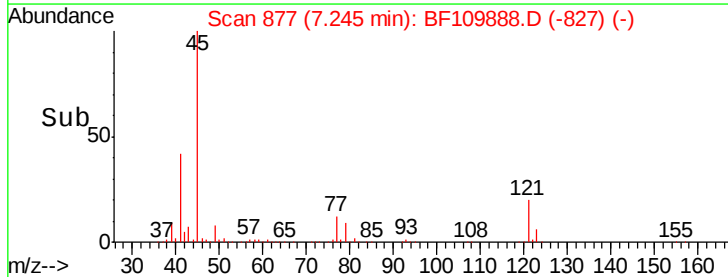
45 100

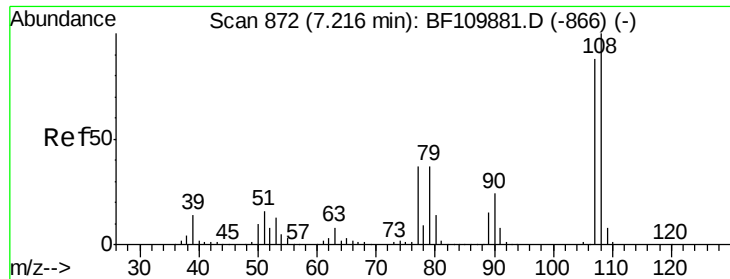
77 12.3 10.0 50.0

79 9.4 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

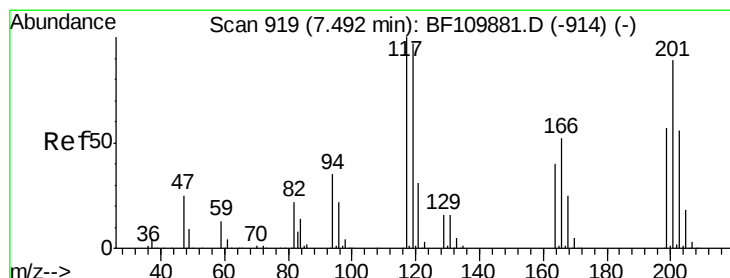
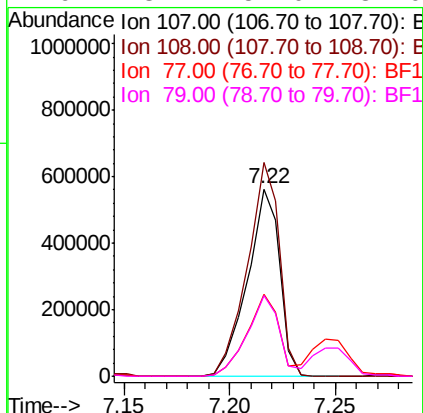
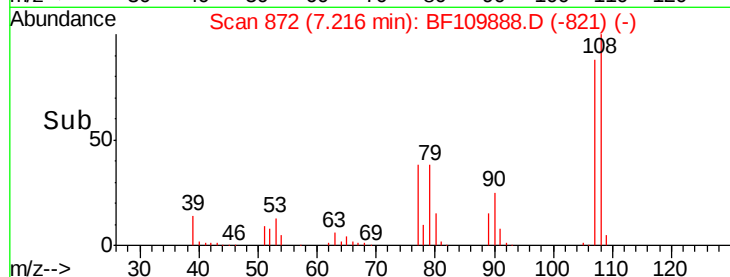
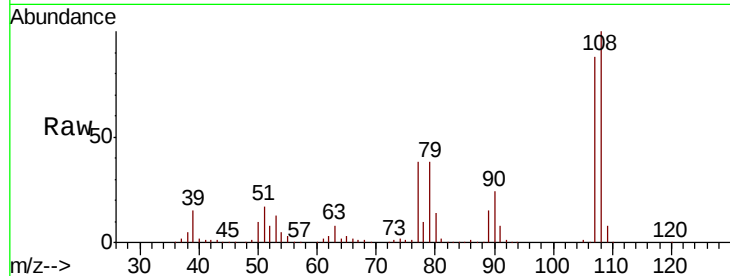




#17
2-Methylphenol
Concen: 43.186 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

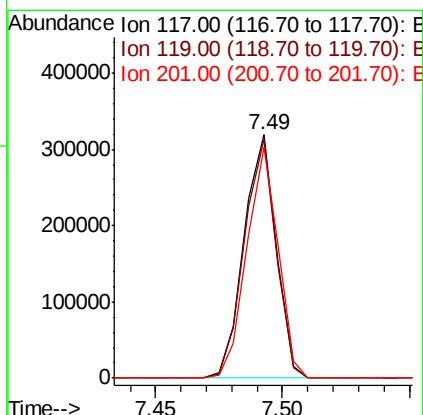
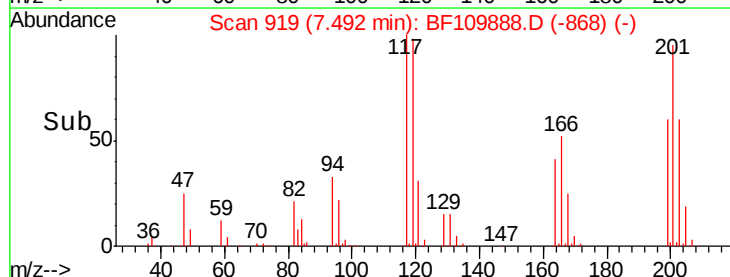
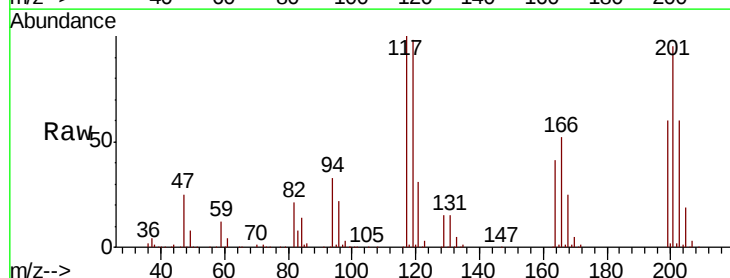
Instrument :
BNA_F
ClientSampled :

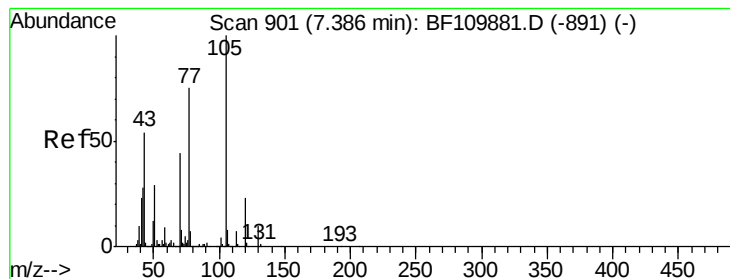
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	92.6	138.8
77	43.5	59.4	89.2#
79	43.2	54.0	81.0#



#18
Hexachloroethane
Concen: 41.851 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.0	112.6
201	95.0	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 40.005 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 489454

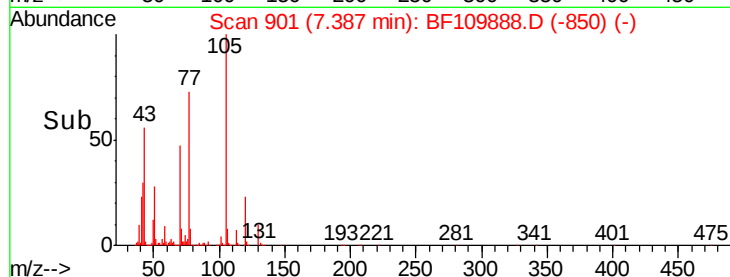
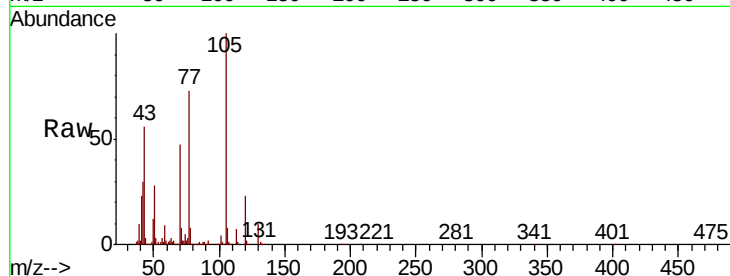
Ion Ratio Lower Upper

70 100

42 62.6 47.4 71.2

101 9.4 7.3 10.9

130 21.8 16.2 24.2

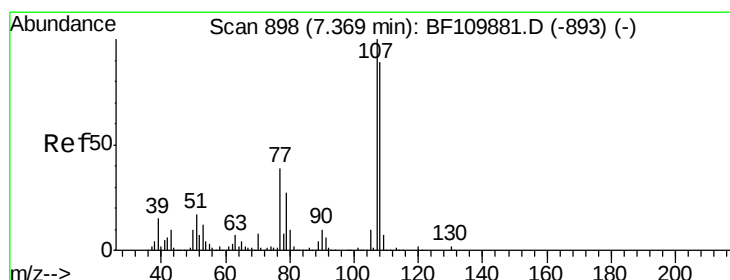
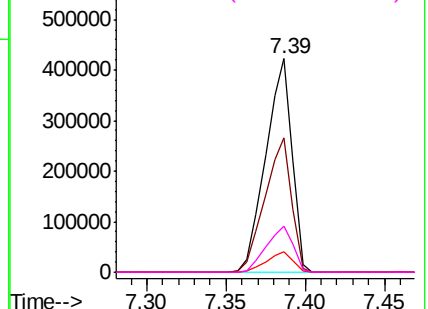


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 41.940 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion:107 Resp: 737692

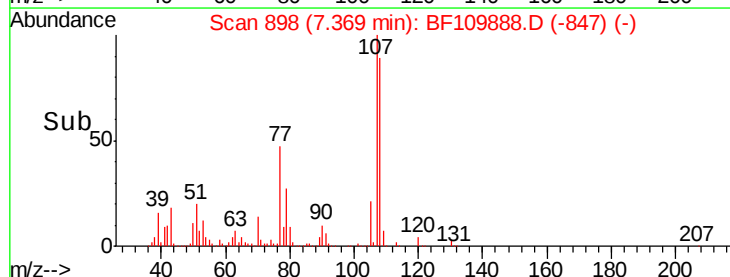
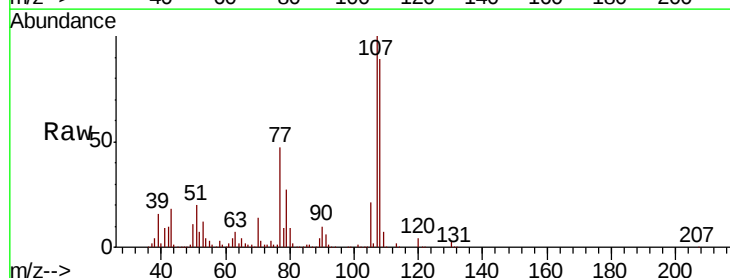
Ion Ratio Lower Upper

107 100

108 89.0 71.4 111.4

77 47.0 47.3 87.3#

79 27.3 10.9 50.9

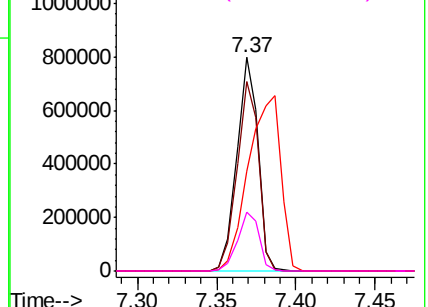


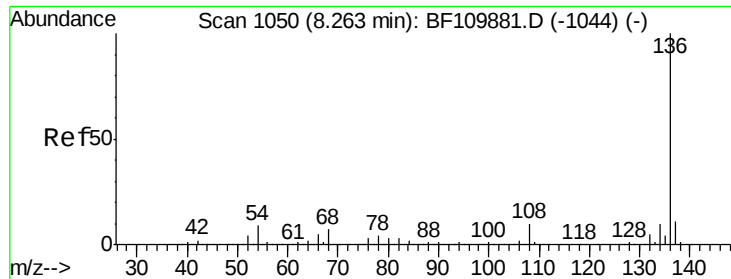
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

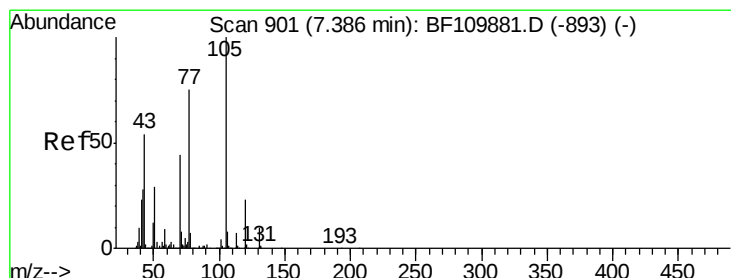
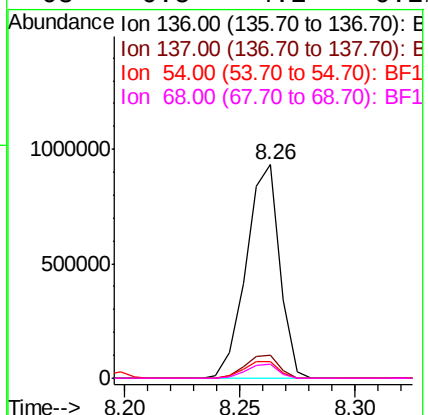
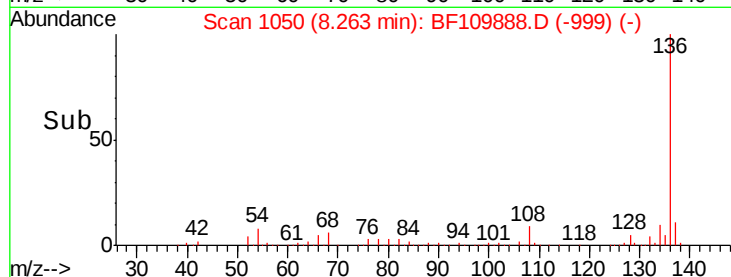
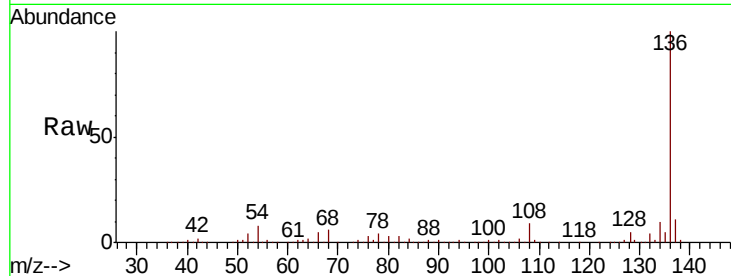




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

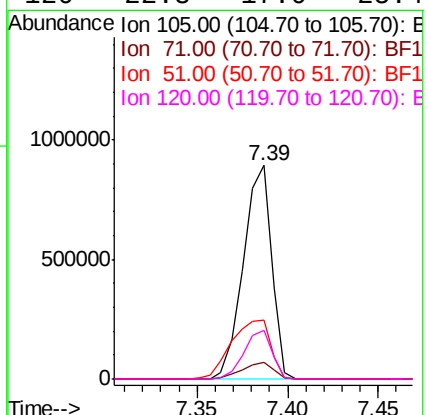
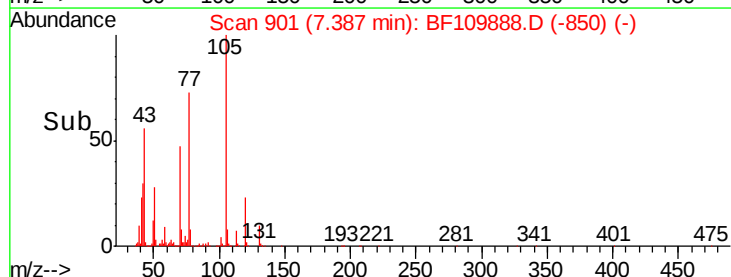
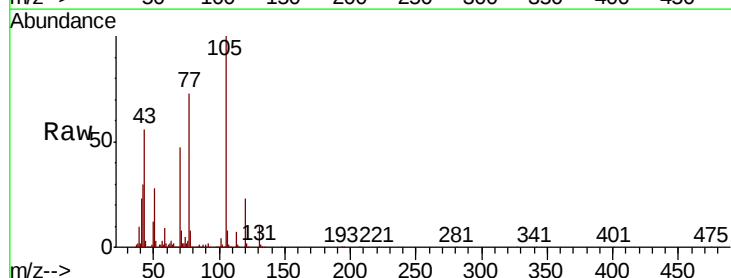
Instrument :
BNA_F
ClientSampleId :

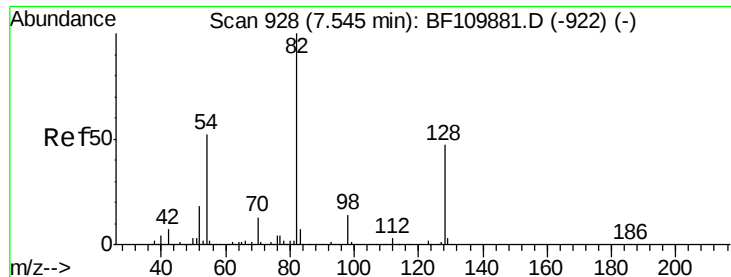
Tot Ion:136	Resp:	945797
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	8.1	5.4 8.2
68	6.5	4.2 6.2#



#22
Acetophenone
Concen: 44.136 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:105	Resp:	968072
Ion Ratio	Lower	Upper
105	100	
71	7.8	5.2 7.8
51	27.6	21.8 32.8
120	22.8	17.0 25.4

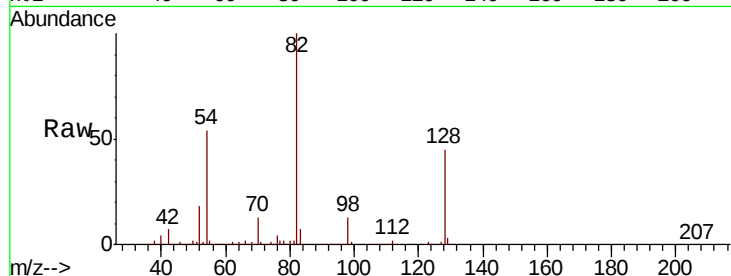




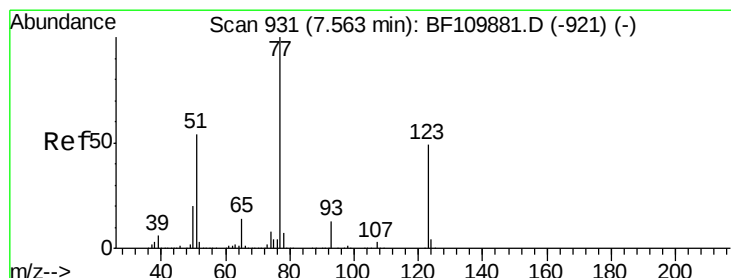
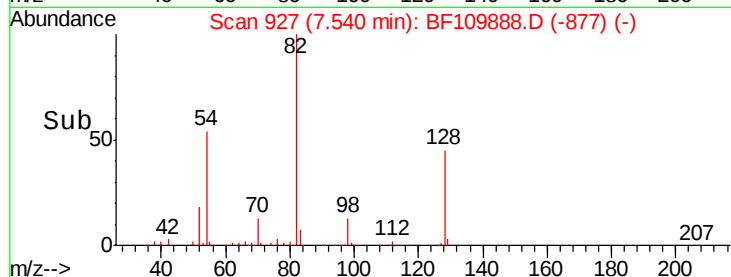
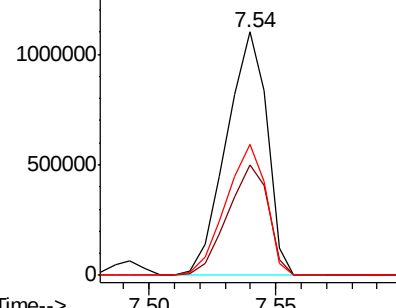
#23
Nitrobenzene-d5
Concen: 88.006 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1235617
Ion Ratio Lower Upper
82 100
128 45.2 34.2 51.2
54 53.6 38.6 58.0

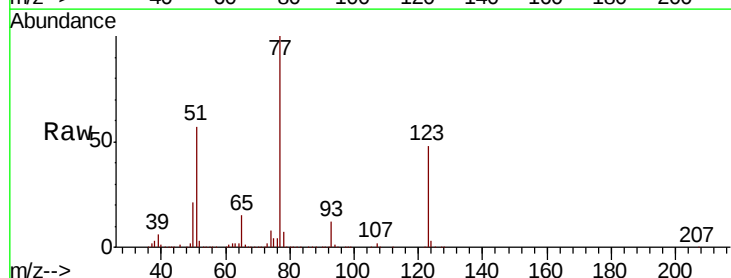


Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

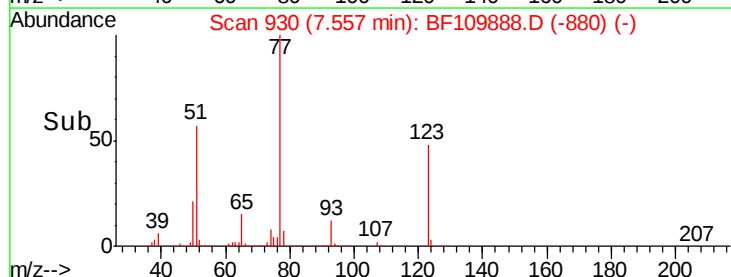
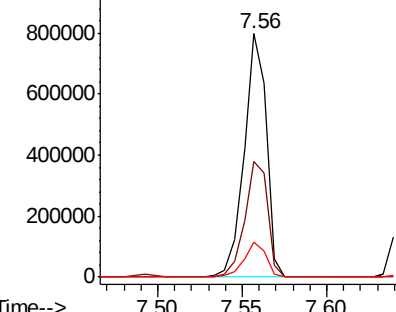


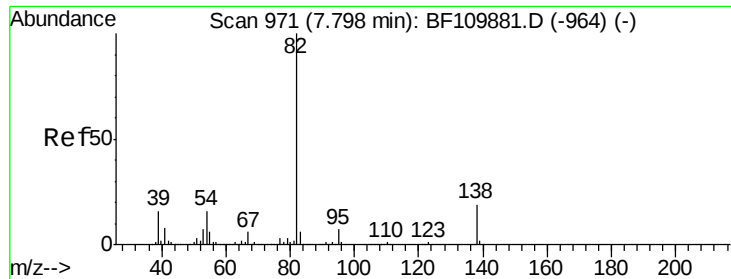
#24
Nitrobenzene
Concen: 47.826 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion: 77 Resp: 729462
Ion Ratio Lower Upper
77 100
123 47.5 35.7 53.5
65 14.6 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
1000000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 49.499 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

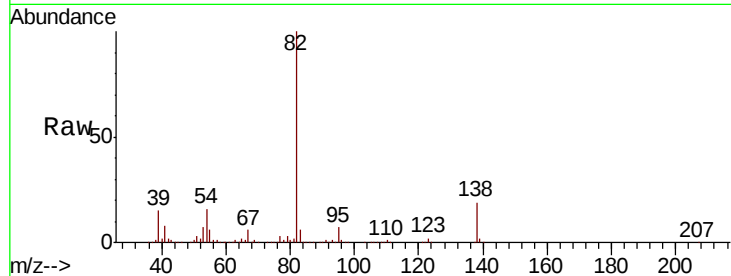
Tot Ion: 82 Resp: 1365547

Ion Ratio Lower Upper

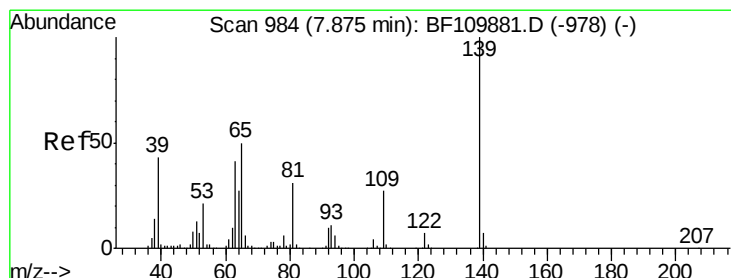
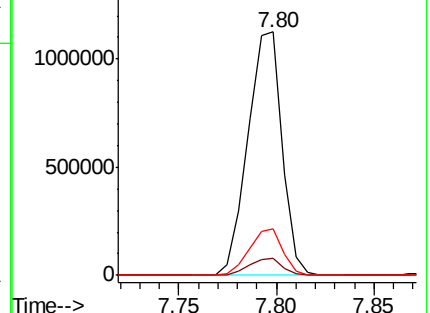
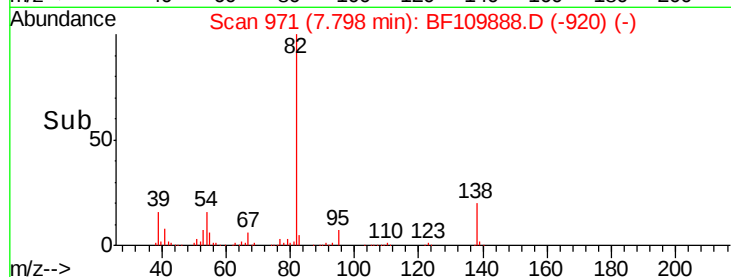
82 100

95 6.9 5.7 8.5

138 19.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.664 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

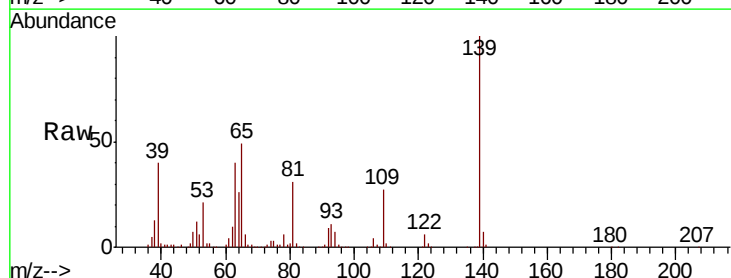
Tgt Ion: 139 Resp: 339369

Ion Ratio Lower Upper

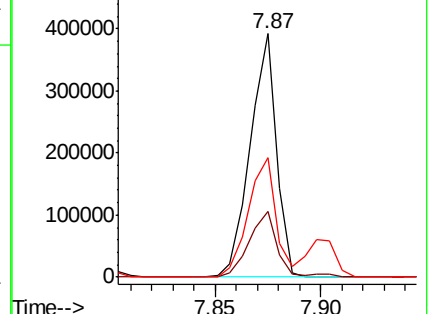
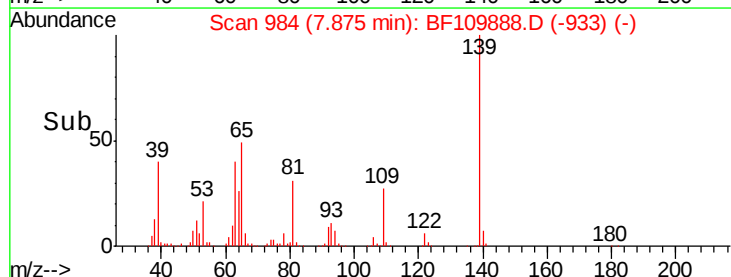
139 100

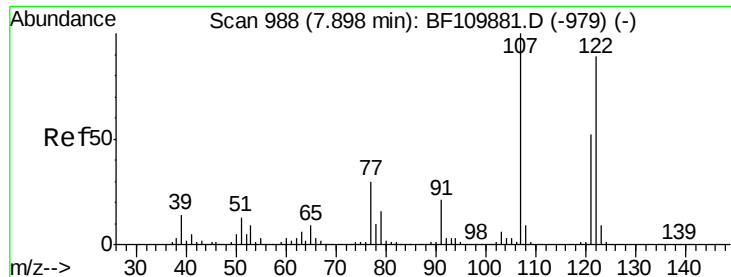
109 27.1 25.0 37.6

65 49.0 44.0 66.0



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





#27

2,4-Dimethylphenol

Concen: 50.950 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

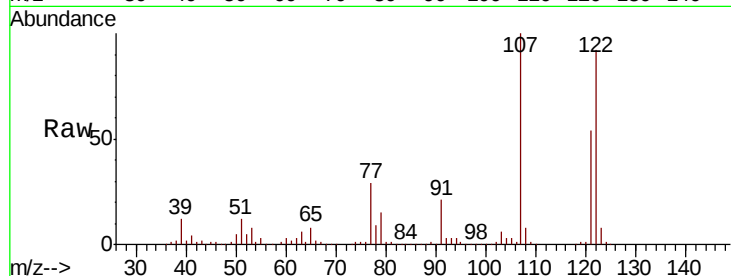
Tot Ion:122 Resp: 677021

Ion Ratio Lower Upper

122 100

107 108.4 92.5 138.7

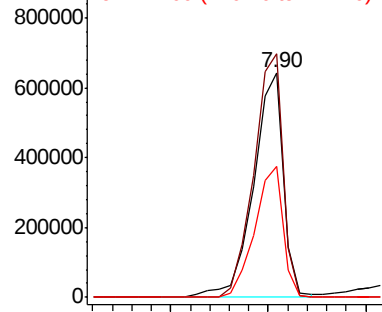
121 58.1 45.8 68.8



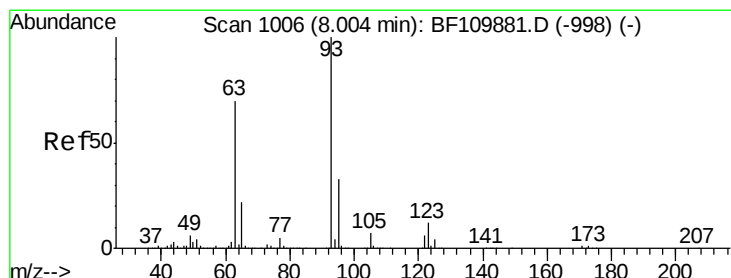
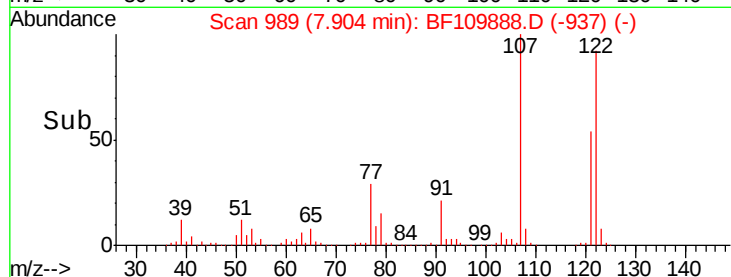
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 46.350 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

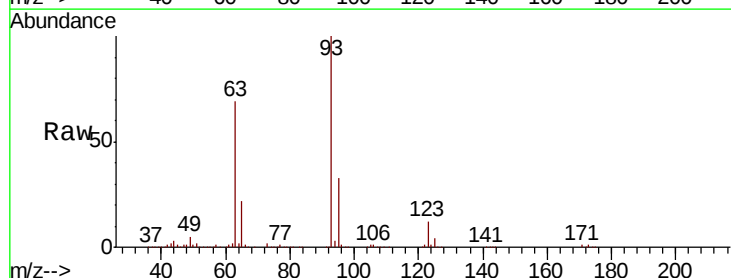
Tgt Ion: 93 Resp: 877550

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

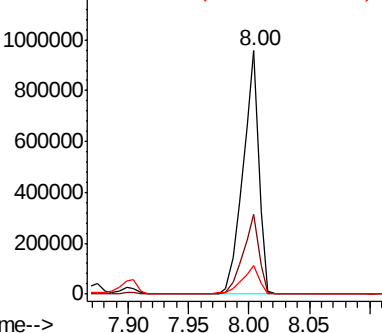
123 11.9 9.0 13.6



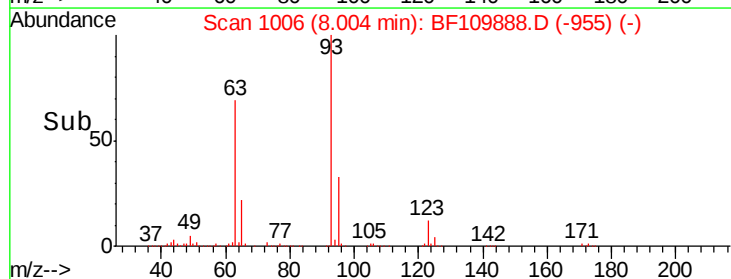
Abundance Ion 93.00 (92.70 to 93.70): BF1

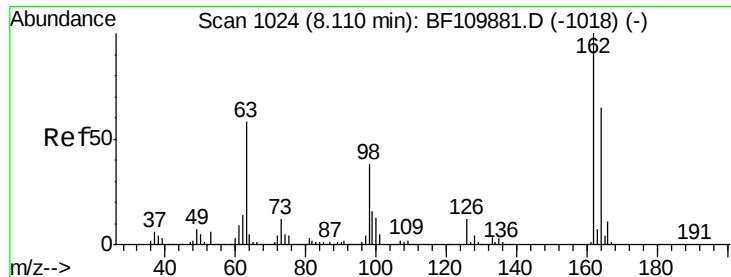
Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E



Time-->

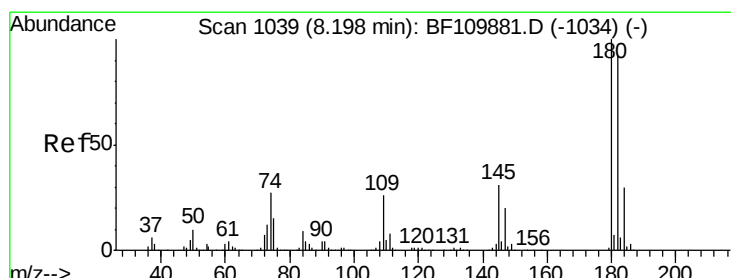
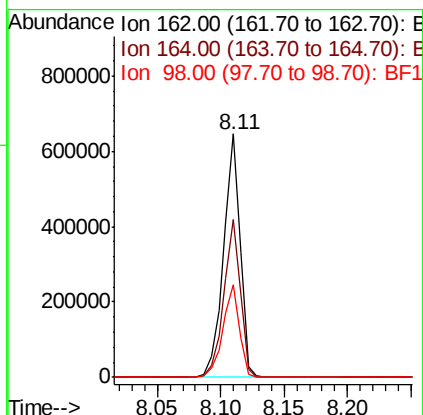
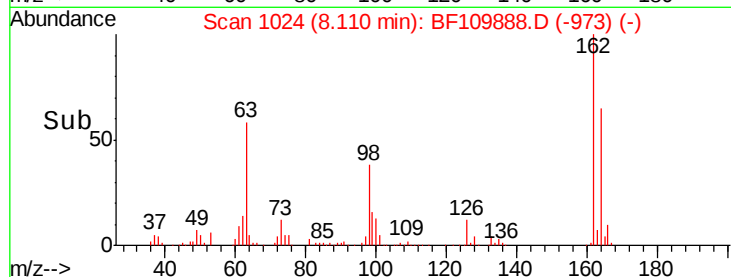
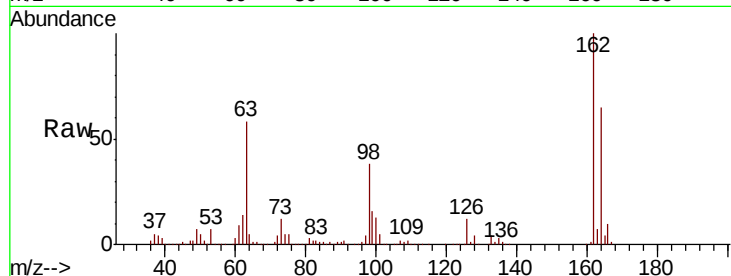




#29
 2,4-Dichlorophenol
 Concen: 45.653 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

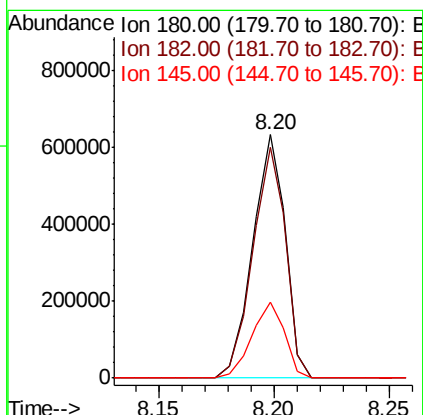
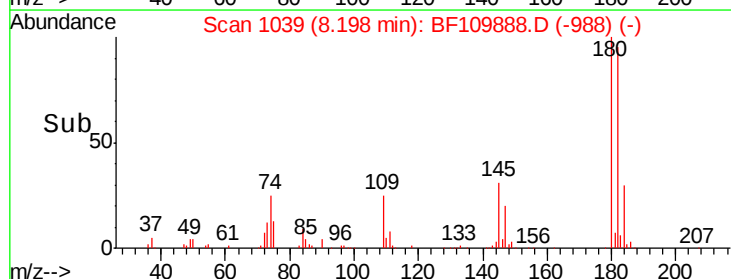
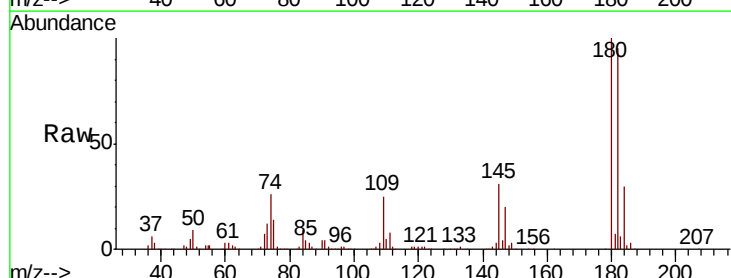
Instrument :
 BNA_F
 ClientSampleId :

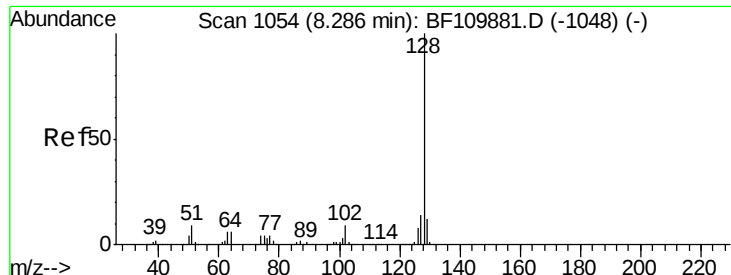
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	37.8	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.328 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	80.3	120.5
145	31.1	25.4	38.0

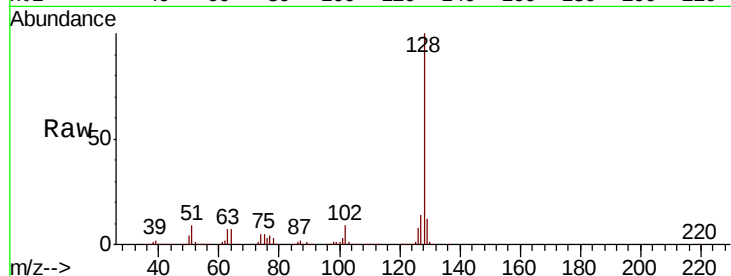




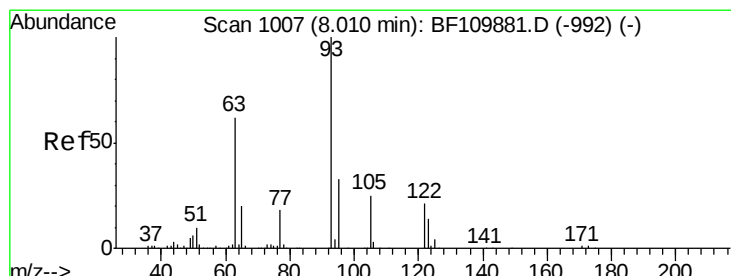
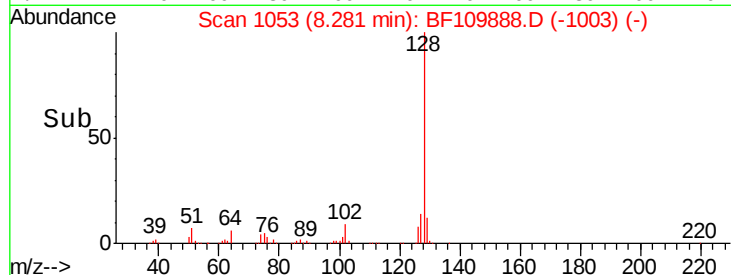
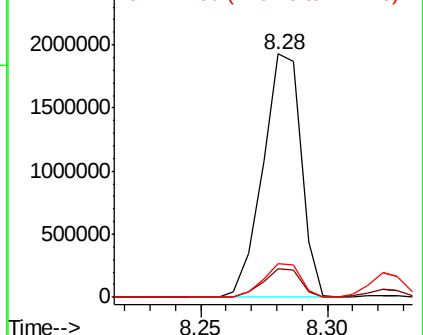
#31
Naphthalene
Concen: 46.561 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 2019392
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.8 16.2

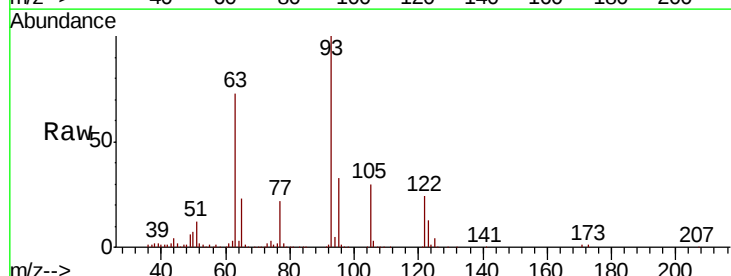


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

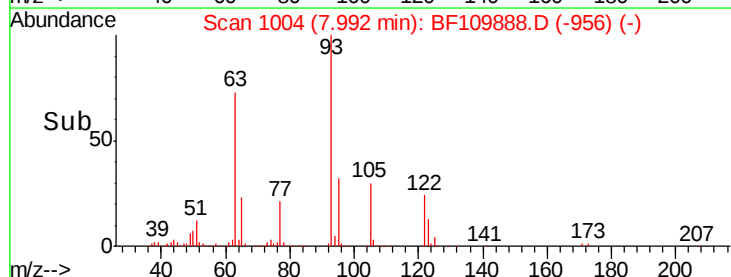
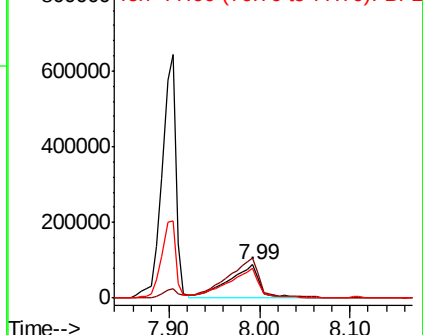


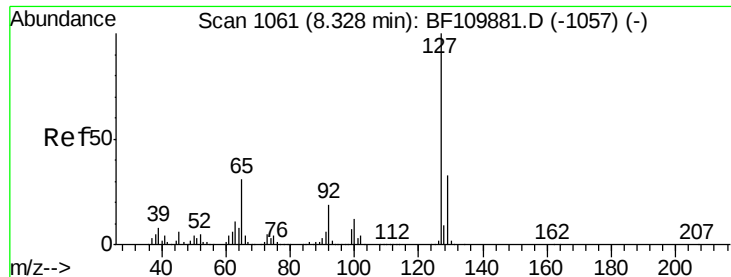
#32
Benzoic acid
Concen: 25.475 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:122 Resp: 210918
Ion Ratio Lower Upper
122 100
105 122.5 109.0 149.0
77 90.3 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

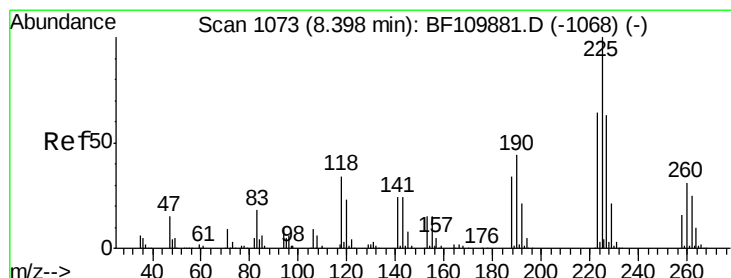
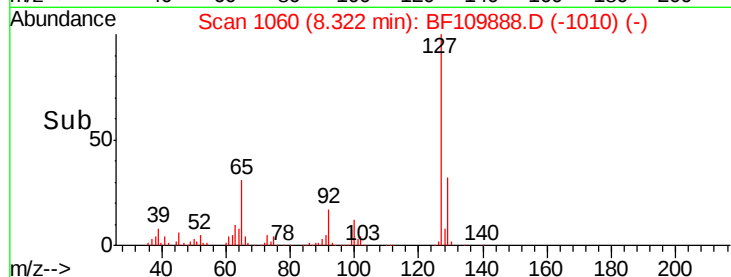
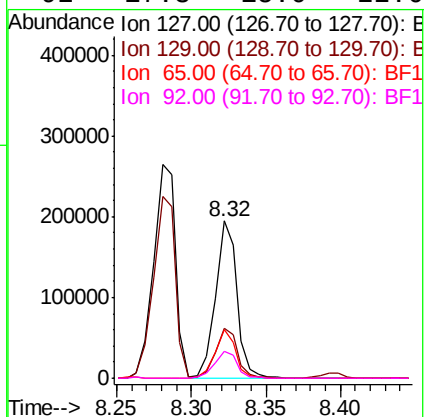
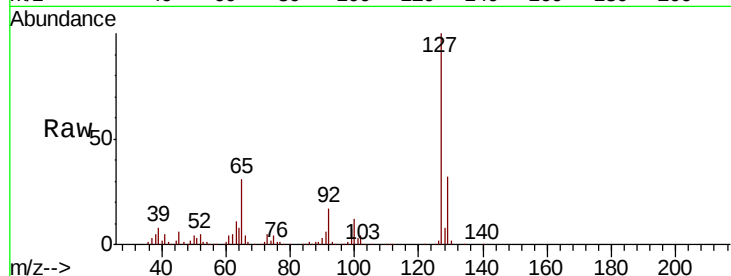




#33
4-Chloroaniline
Concen: 10.088 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

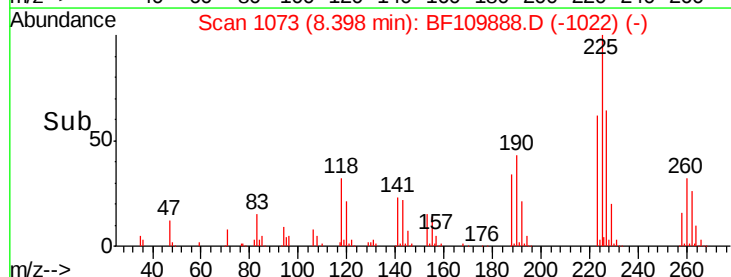
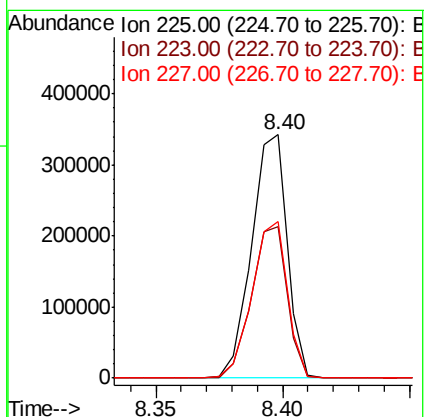
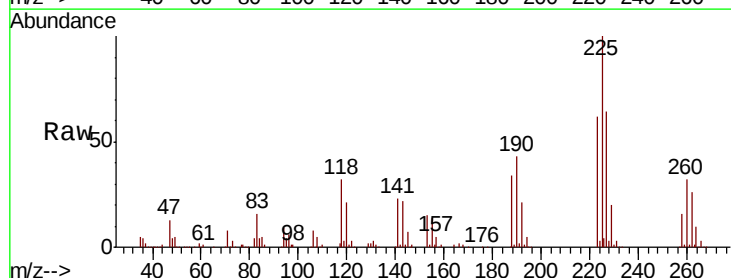
Instrument :
BNA_F
ClientSampleId :

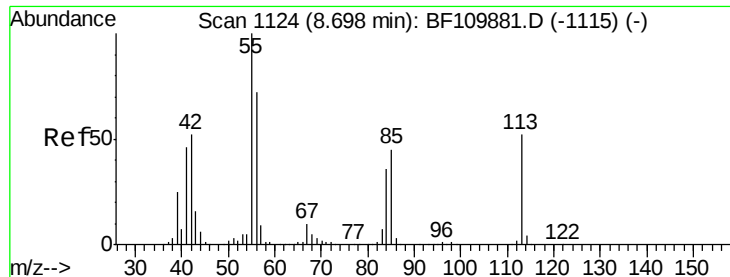
Tot Ion:	127	Resp:	196677
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	31.1	25.1	37.7
92	17.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 42.289 ng
RT: 8.40 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:	225	Resp:	336577
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.4	77.2
227	64.5	51.0	76.6

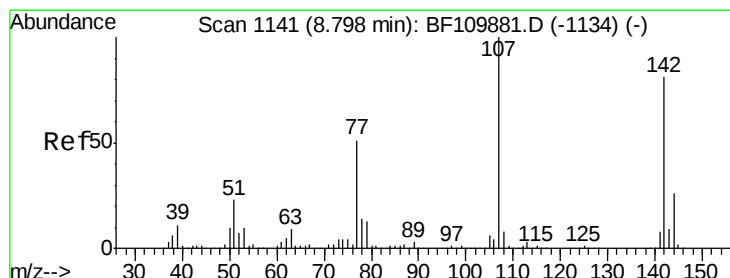
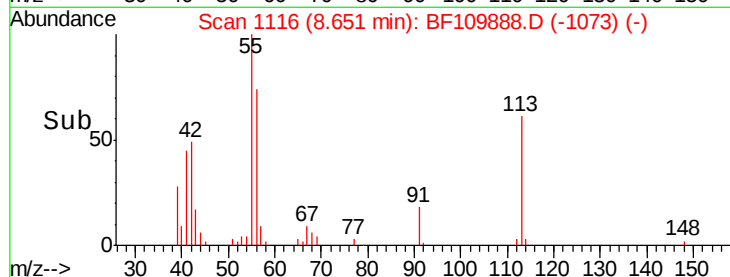
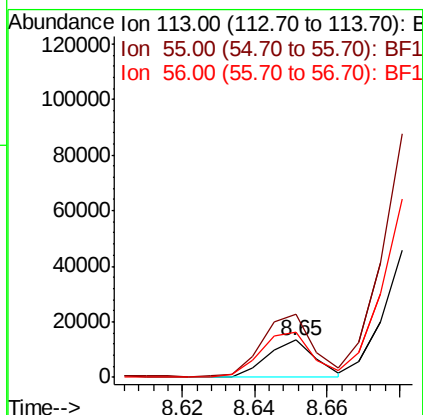
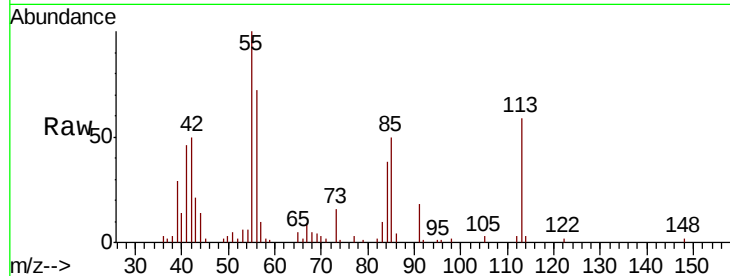




#35
 Caprolactam
 Concen: 2.700 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

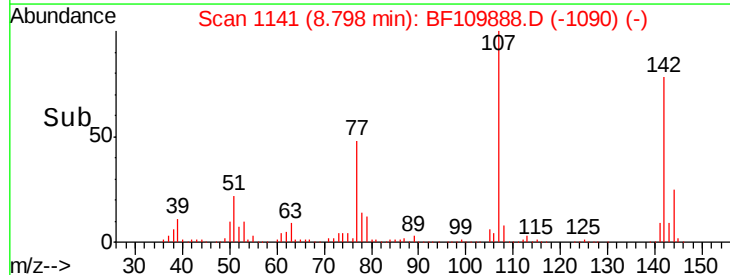
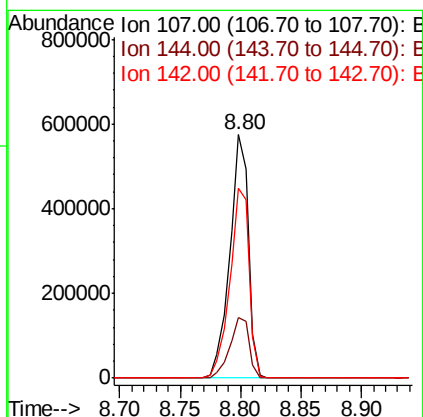
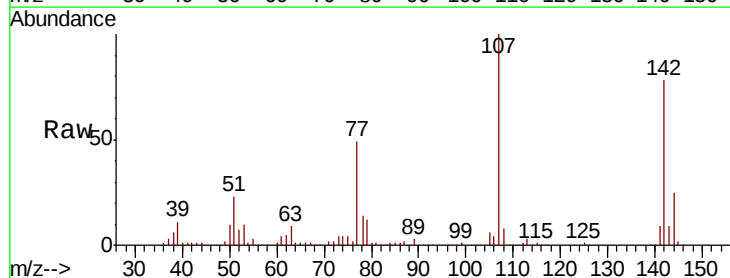
Instrument :
 BNA_F
 ClientSampled :

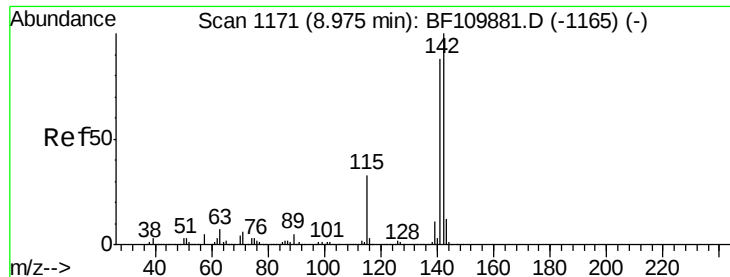
Tot Ion:113 Resp: 12359
 Ion Ratio Lower Upper
 113 100
 55 168.2 142.8 182.8
 56 120.8 105.0 145.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.441 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:107 Resp: 617937
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.0 30.0
 142 78.2 59.7 89.5

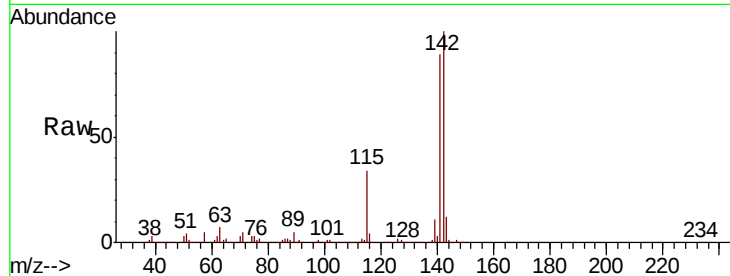




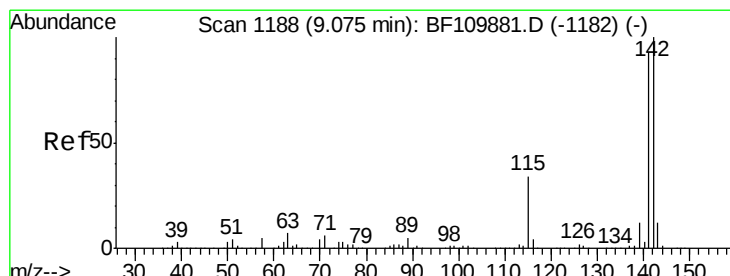
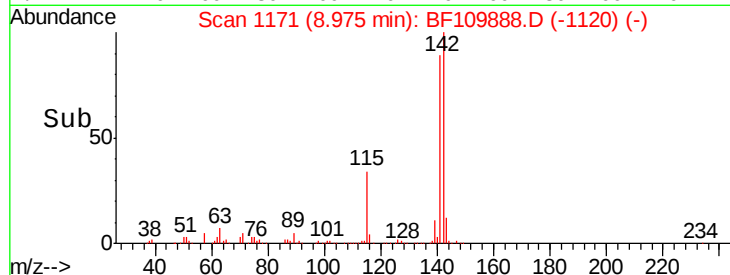
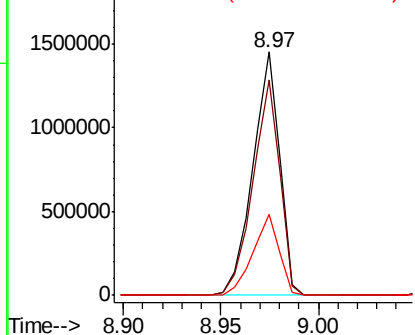
#37
2-Methylnaphthalene
Concen: 49.142 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1380096
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2
115 33.5 28.7 43.1

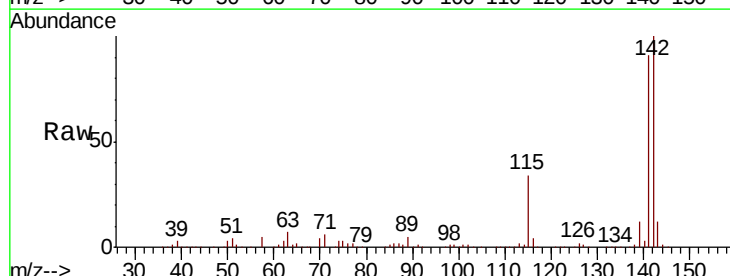


Abundance Ion 142.00 (141.70 to 142.70): E
2000000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

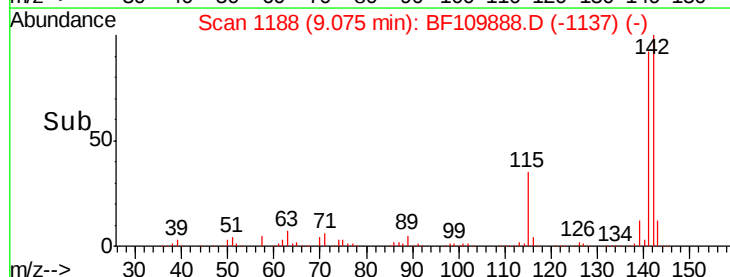
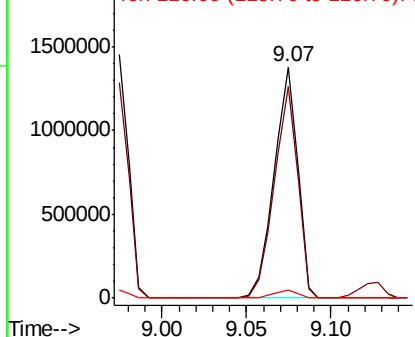


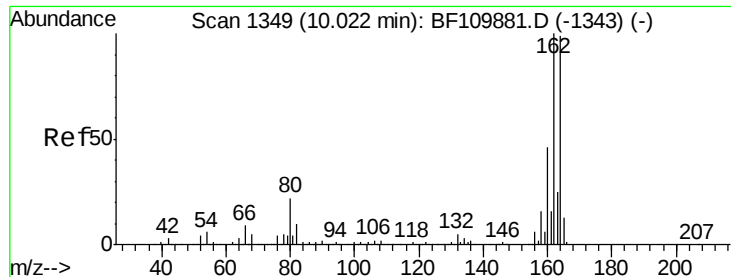
#38
1-Methylnaphthalene
Concen: 48.283 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:142 Resp: 1313932
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.4
116 3.6 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
2000000 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. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

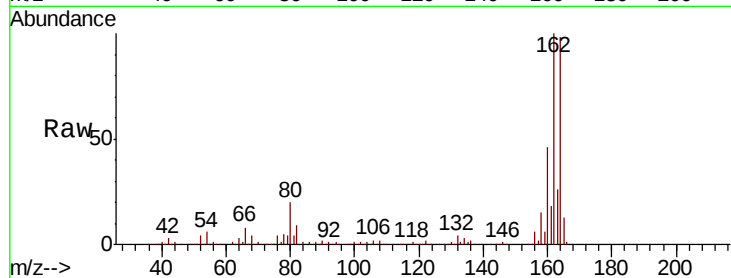
Tot Ion:164 Resp: 433318

Ion Ratio Lower Upper

164 100

162 101.9 83.0 124.6

160 46.5 37.0 55.6

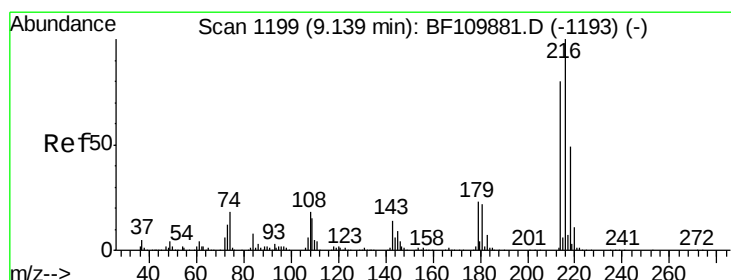
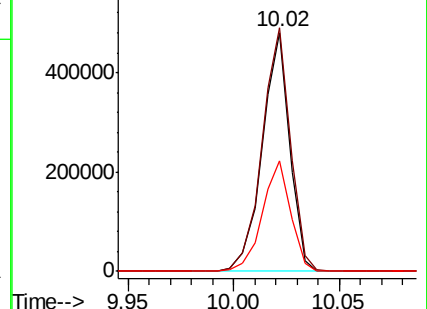
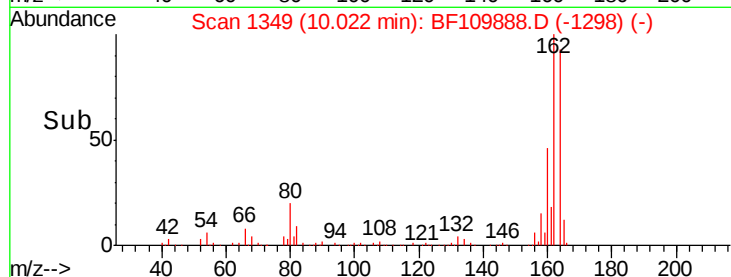


Abundance

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: 42.041 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion:216 Resp: 561109

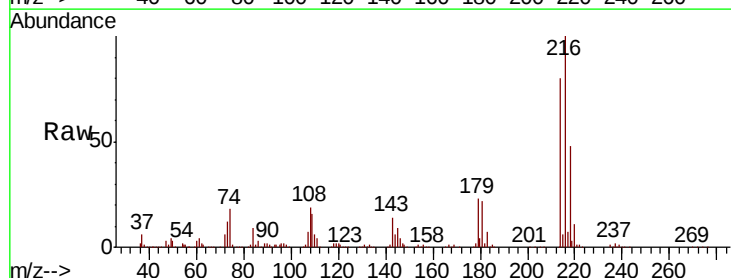
Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.6

179 22.5 16.6 25.0

108 22.9 15.1 22.7#



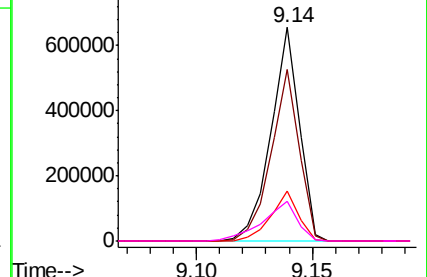
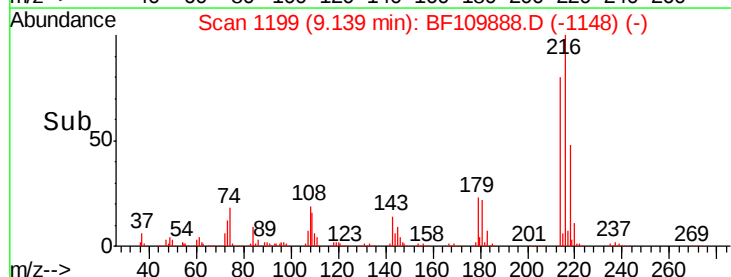
Abundance

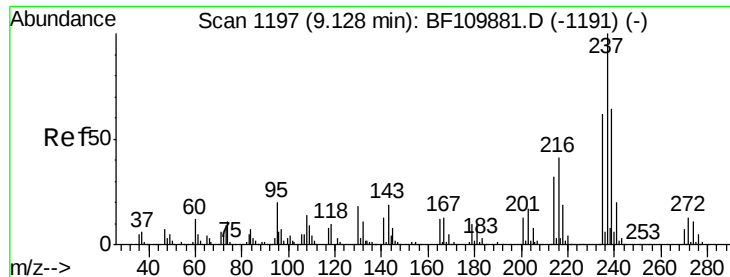
Ion 216.00 (215.70 to 216.70): E

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: 105.498 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

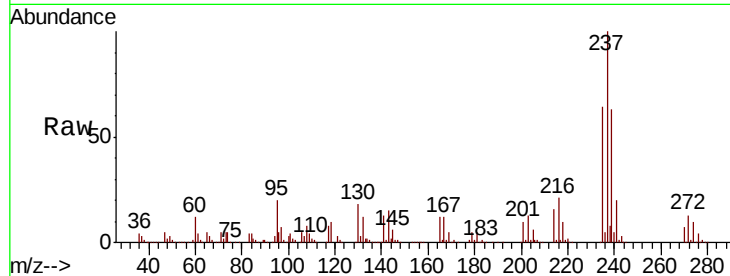
Tot Ion:237 Resp: 679607

Ion Ratio Lower Upper

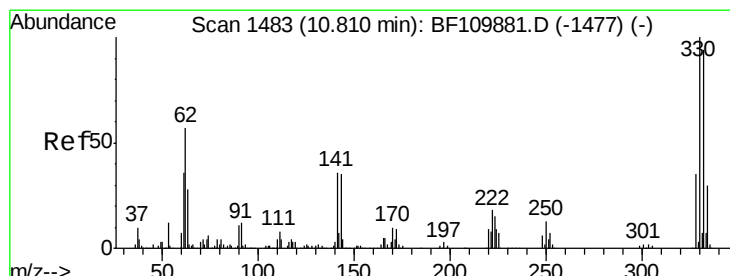
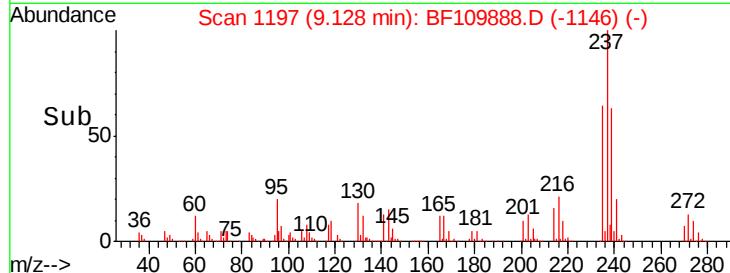
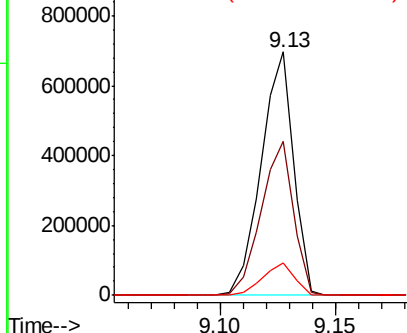
237 100

235 63.5 43.1 83.1

272 13.3 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: 116.523 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

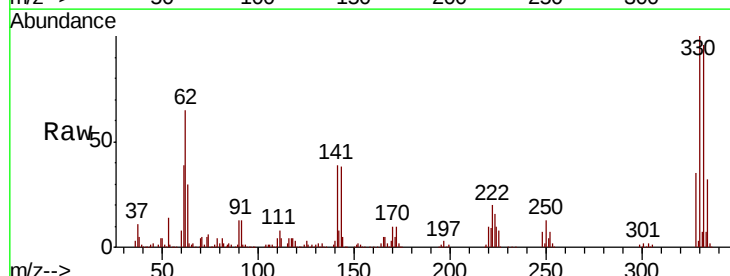
Tgt Ion:330 Resp: 437143

Ion Ratio Lower Upper

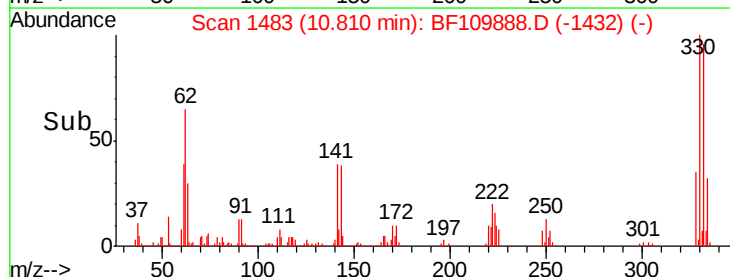
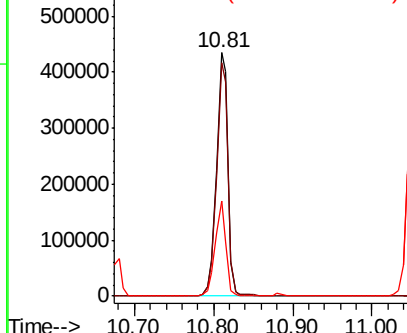
330 100

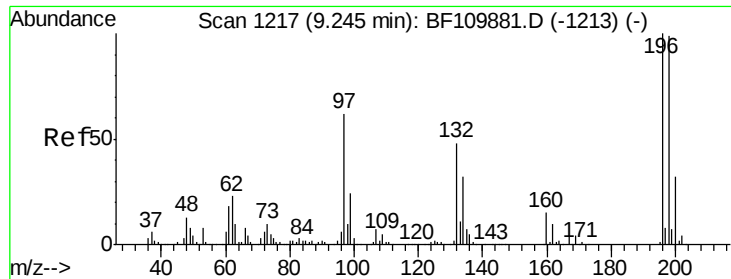
332 95.5 77.1 115.7

141 36.4 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

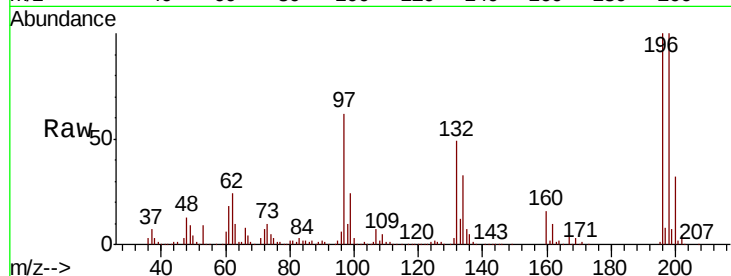




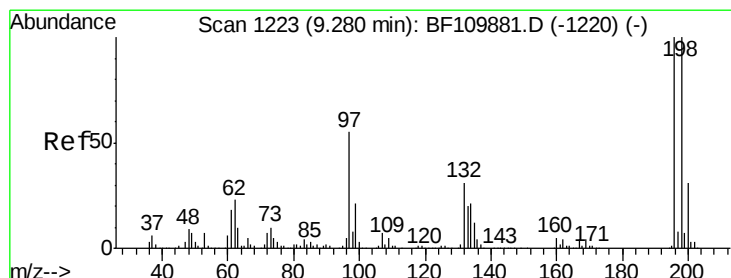
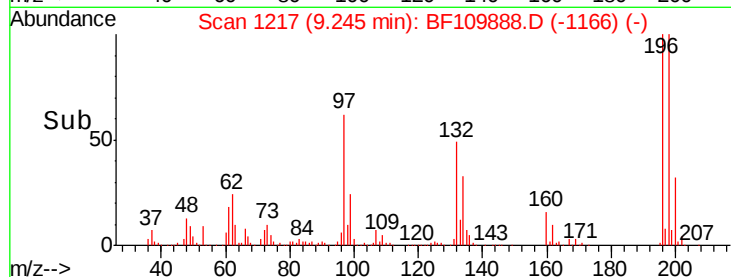
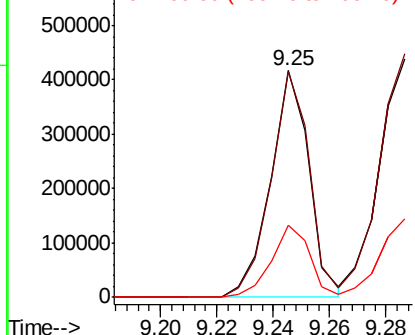
#43
 2,4,6-Trichlorophenol
 Concen: 47.235 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 394202
 Ion Ratio Lower Upper
 196 100
 198 99.9 76.2 114.4
 200 31.8 24.4 36.6

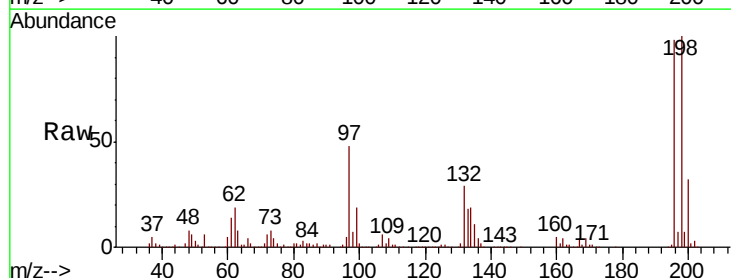


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

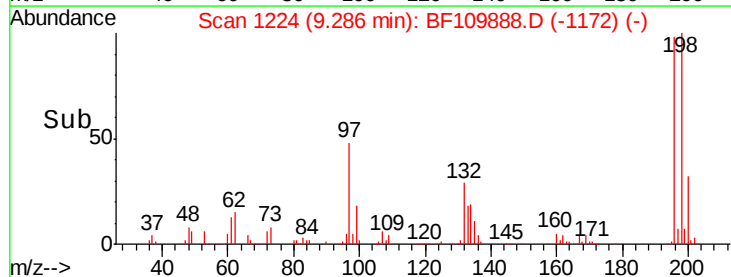
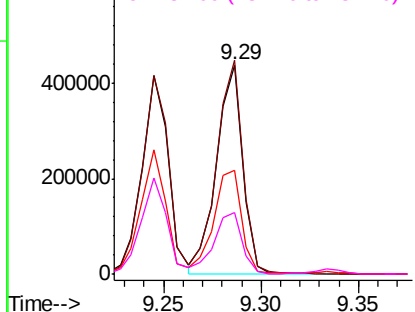


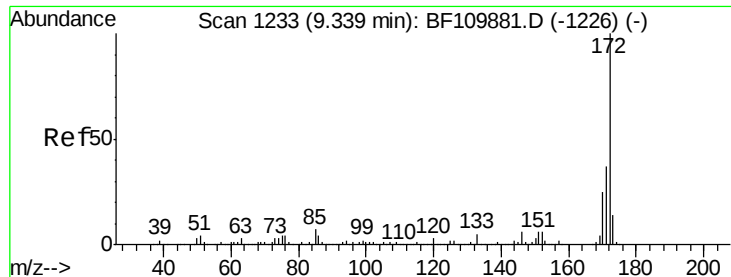
#44
 2,4,5-Trichlorophenol
 Concen: 47.168 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:196 Resp: 408553
 Ion Ratio Lower Upper
 196 100
 198 102.3 75.8 113.6
 97 49.5 42.4 63.6
 132 29.2 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

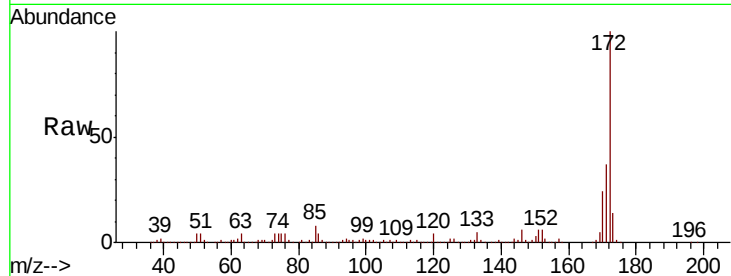




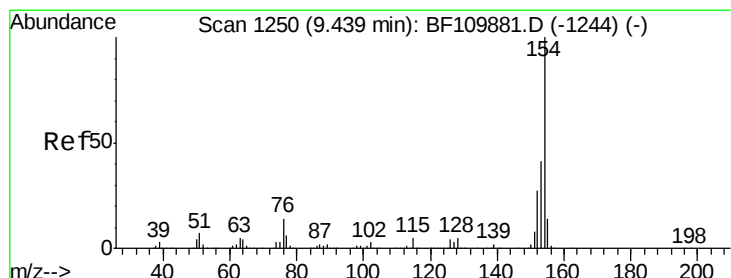
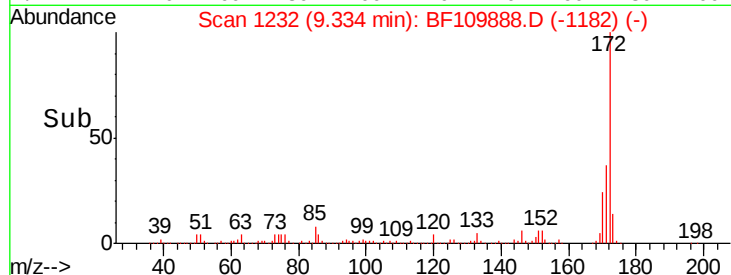
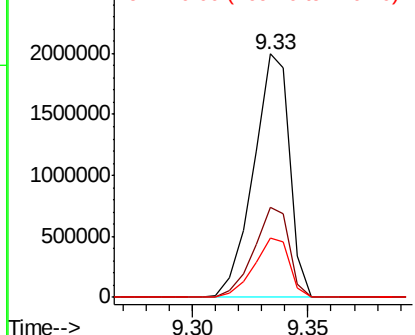
#45
2-Fluorobiphenyl
Concen: 79.801 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2167076
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 24.4 19.7 29.5

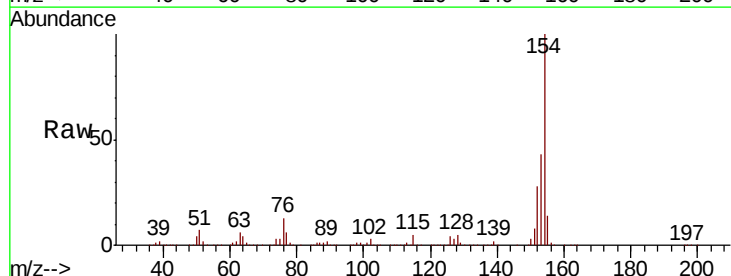


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

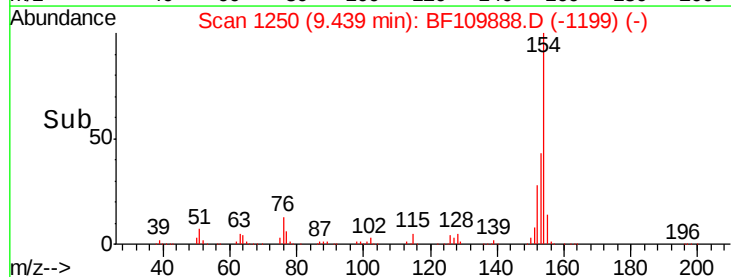
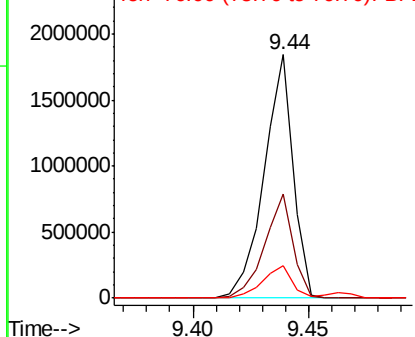


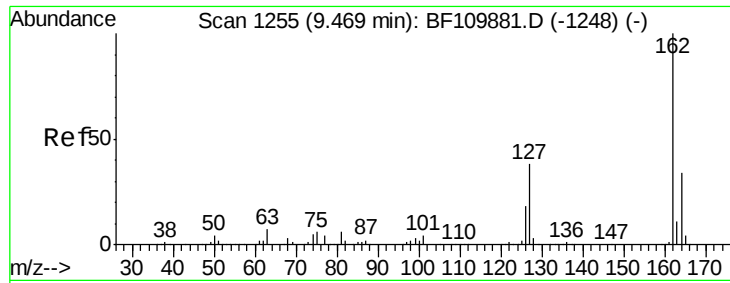
#46
1,1'-Biphenyl
Concen: 41.705 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:154 Resp: 1610105
Ion Ratio Lower Upper
154 100
153 42.6 20.4 60.4
76 13.1 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

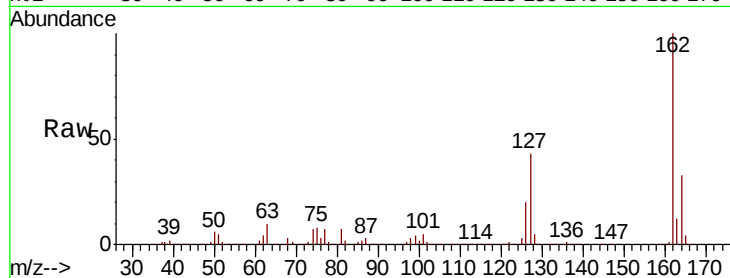




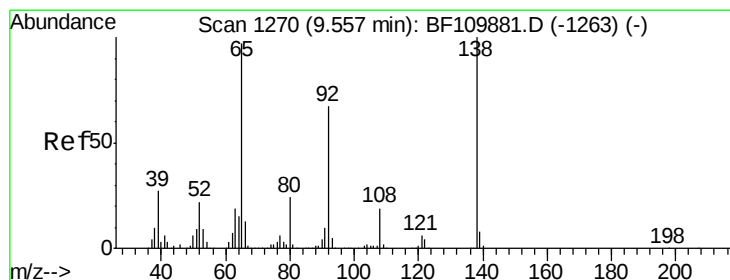
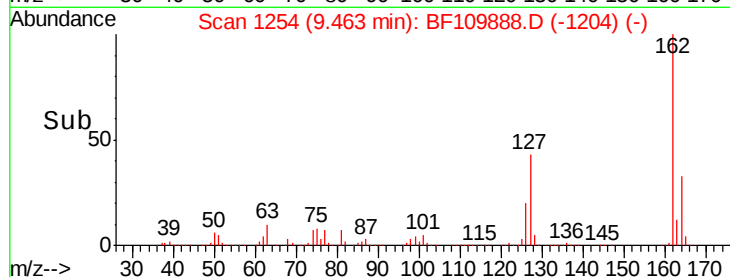
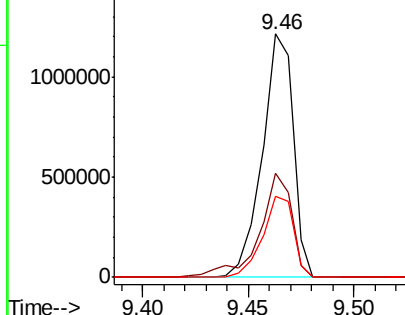
#47
 2-Chloronaphthalene
 Concen: 43.536 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1238072
 Ion Ratio Lower Upper
 162 100
 127 42.6 32.6 48.8
 164 33.4 25.9 38.9

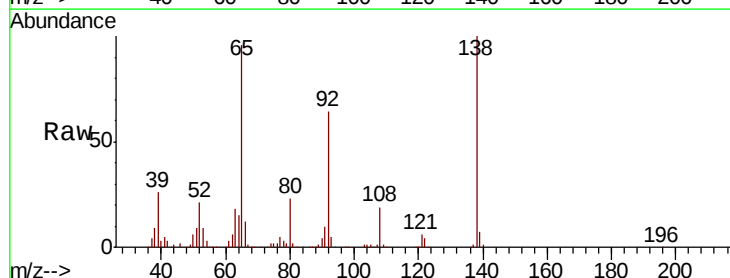


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

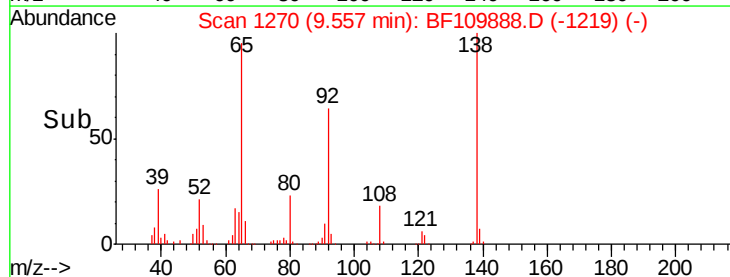
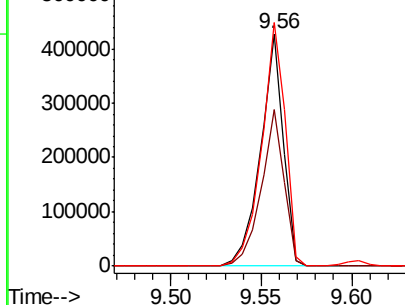


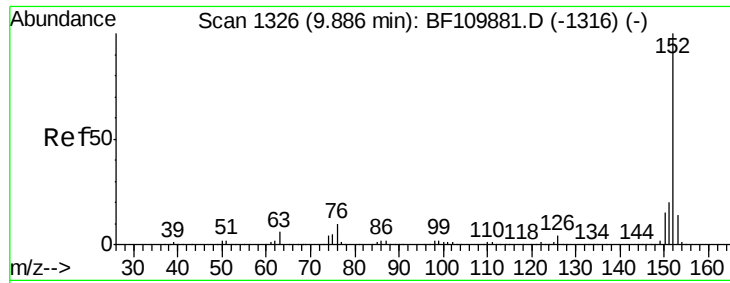
#48
 2-Nitroaniline
 Concen: 51.303 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion: 65 Resp: 374404
 Ion Ratio Lower Upper
 65 100
 92 67.3 54.6 81.8
 138 104.7 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: 46.993 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

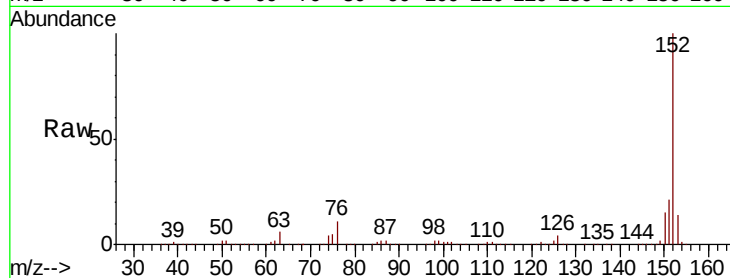
Tot Ion:152 Resp: 1941400

Ion Ratio Lower Upper

152 100

151 21.2 15.8 23.8

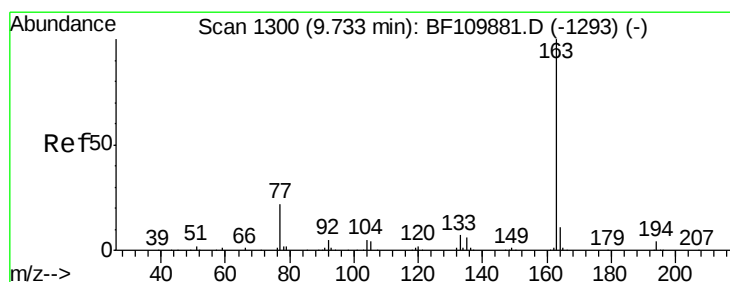
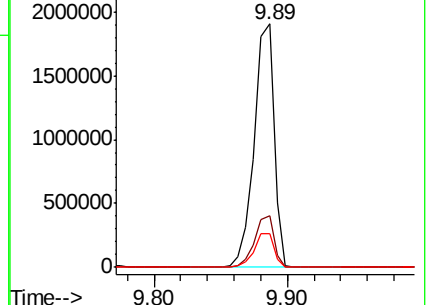
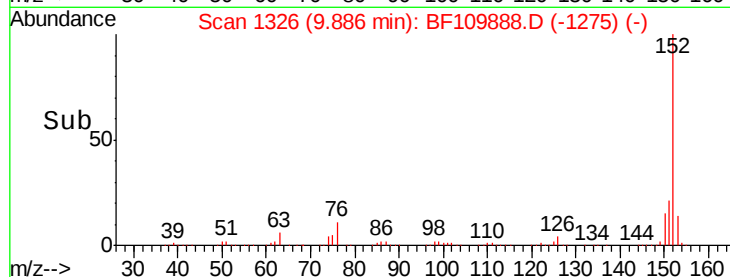
153 14.1 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.691 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

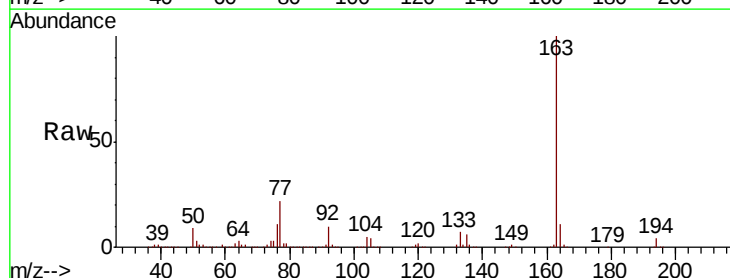
Tgt Ion:163 Resp: 1401921

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

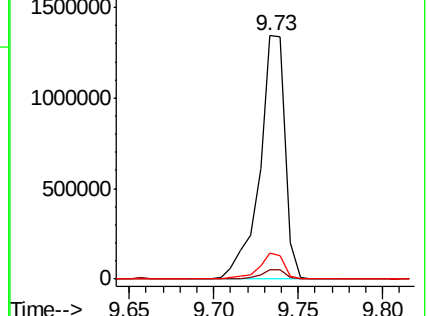
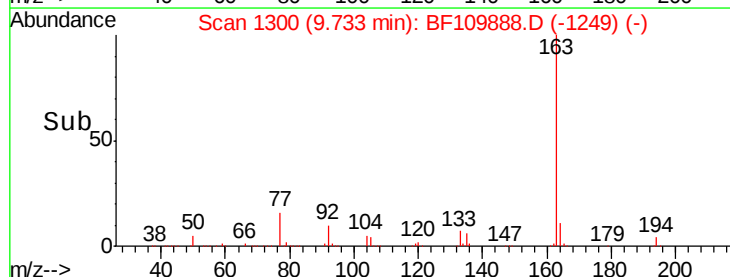
164 10.9 8.1 12.1

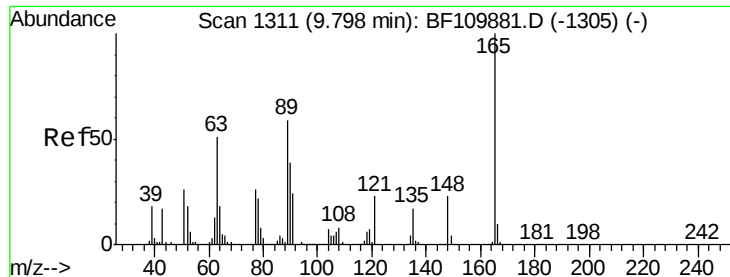


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

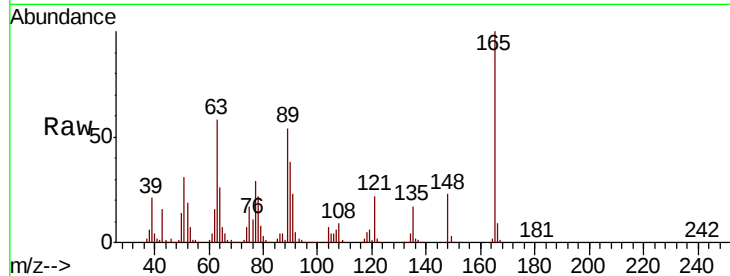




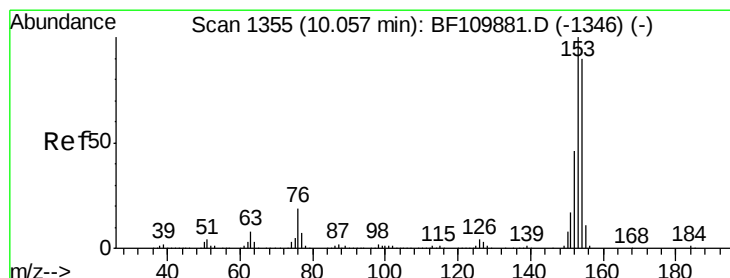
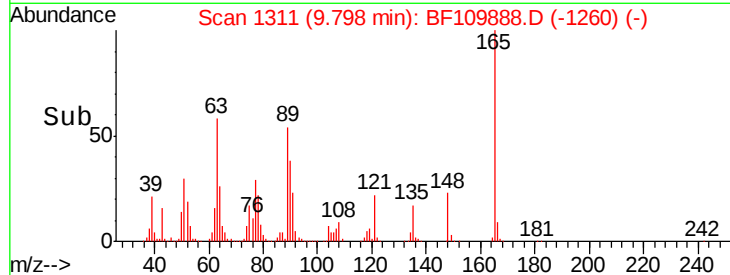
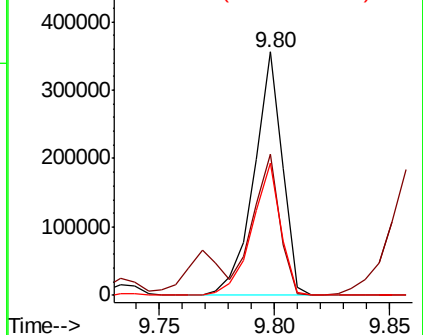
#51
 2,6-Dinitrotoluene
 Concen: 52.410 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 305430
 Ion Ratio Lower Upper
 165 100
 63 58.2 48.9 73.3
 89 54.2 46.6 69.8

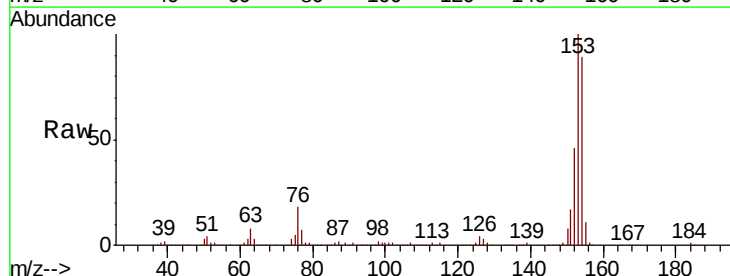


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

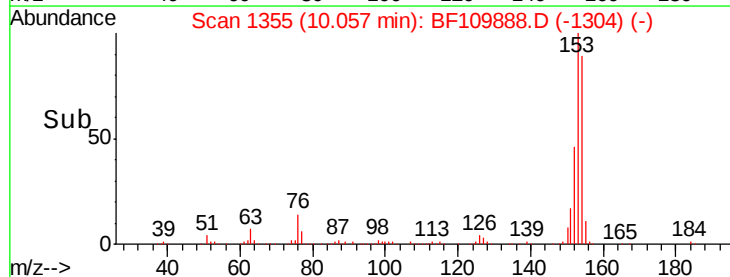
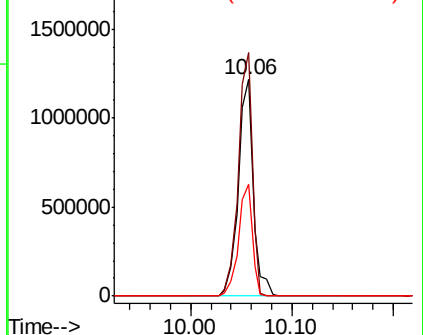


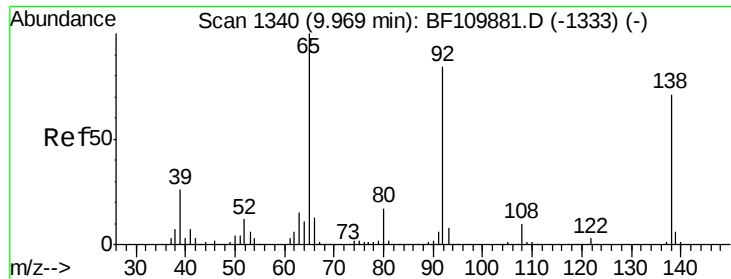
#52
 Acenaphthene
 Concen: 47.424 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:154 Resp: 1247329
 Ion Ratio Lower Upper
 154 100
 153 112.5 90.1 135.1
 152 51.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

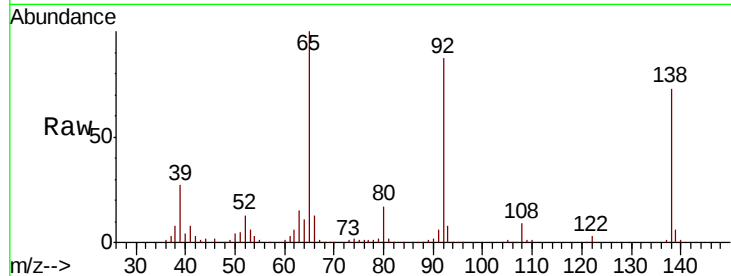




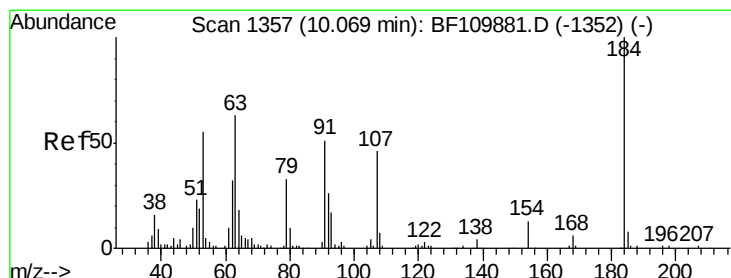
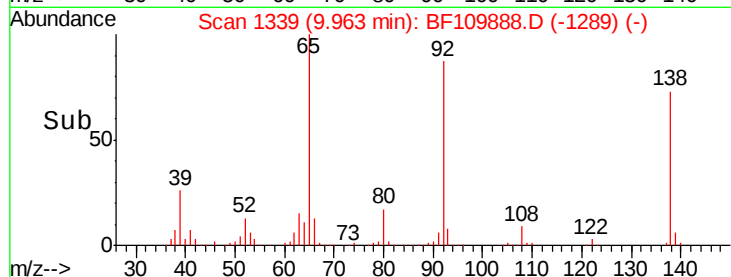
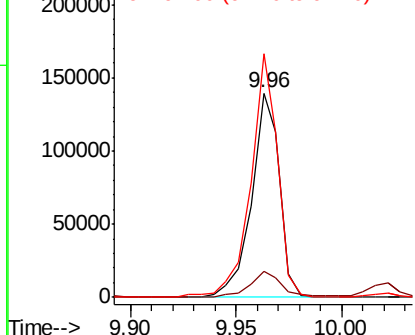
#53
3-Nitroaniline
Concen: 18.075 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 128133
Ion Ratio Lower Upper
138 100
108 12.7 8.7 13.1
92 119.2 97.0 145.4

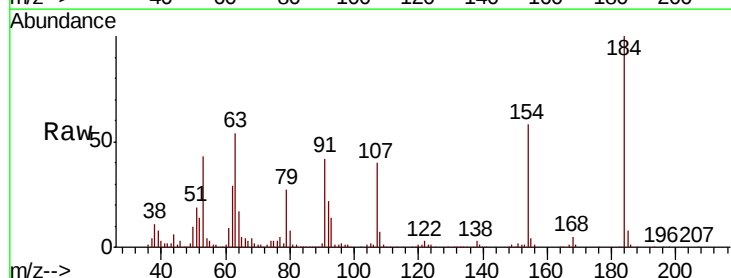


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

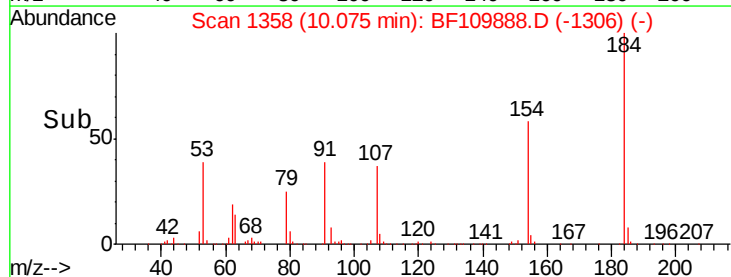
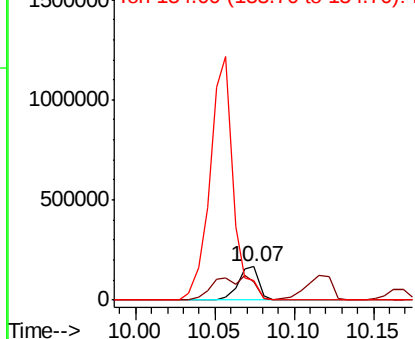


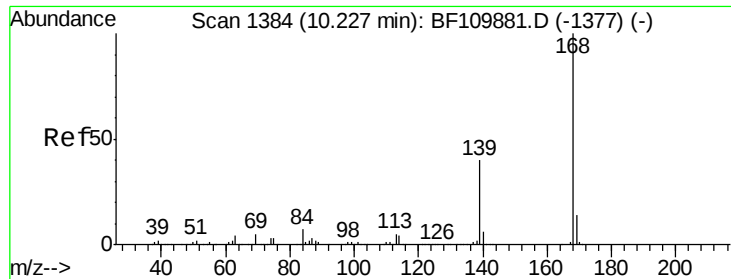
#54
2,4-Dinitrophenol
Concen: 81.091 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:184 Resp: 150799
Ion Ratio Lower Upper
184 100
63 54.1 55.8 83.6#
154 58.4 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

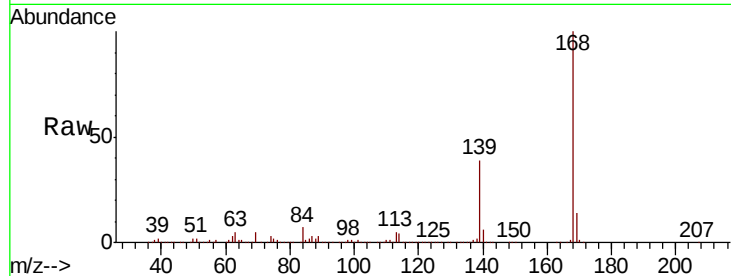




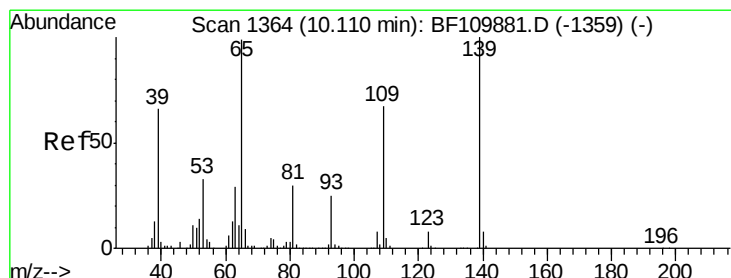
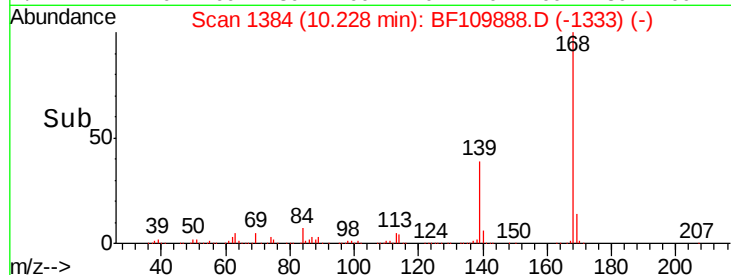
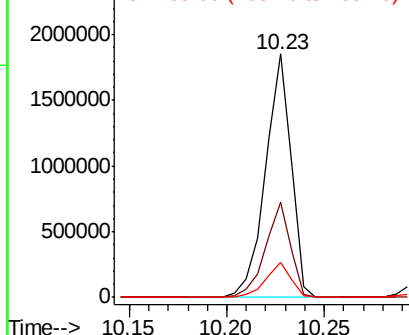
#55
Dibenzofuran
Concen: 44.947 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1685971
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 14.2 11.3 16.9

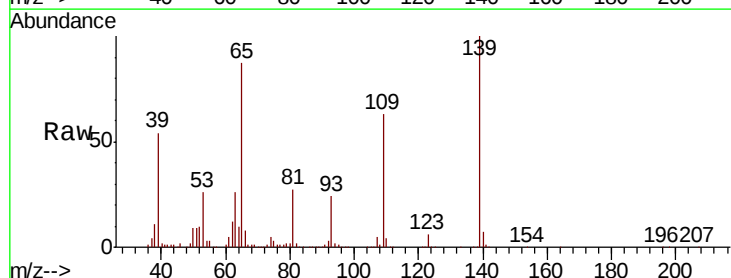


Abundance Ion 168.00 (167.70 to 168.70): E
2500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

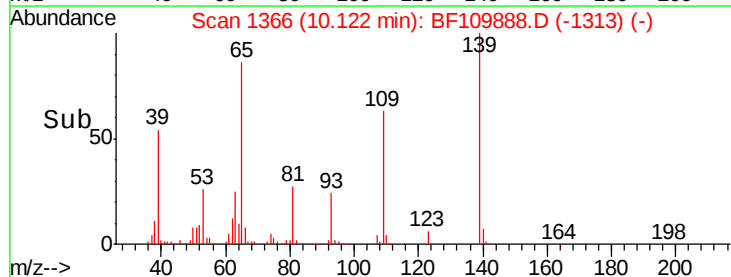
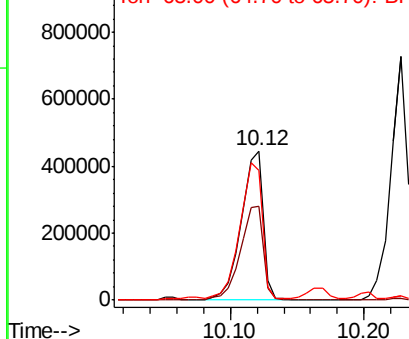


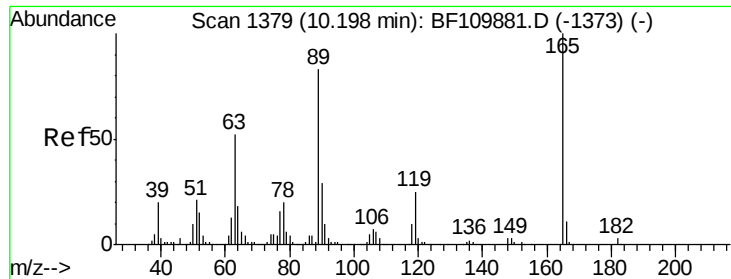
#56
4-Nitrophenol
Concen: 93.538 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:139 Resp: 505960
Ion Ratio Lower Upper
139 100
109 63.2 55.8 95.8
65 86.8 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
1000000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

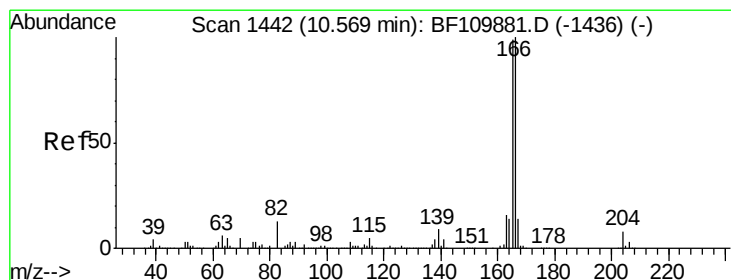
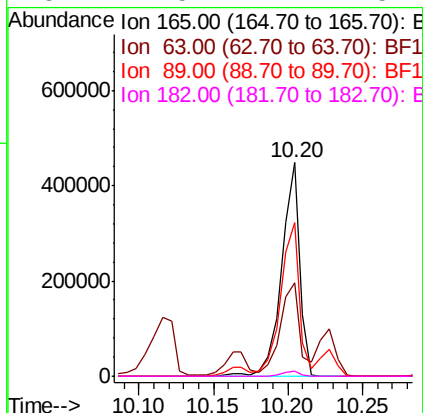
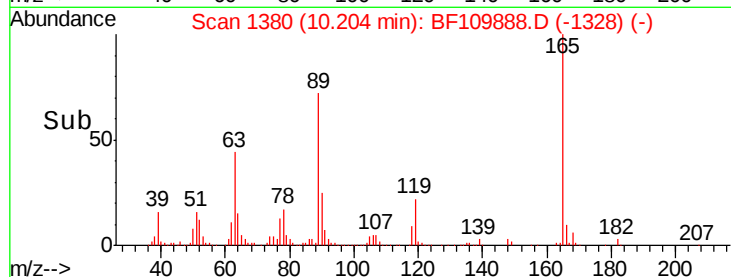
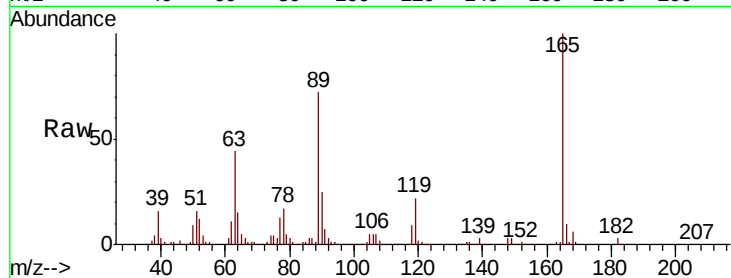




#57
2,4-Dinitrotoluene
Concen: 51.953 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

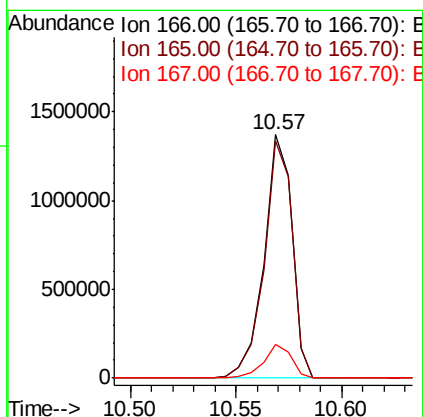
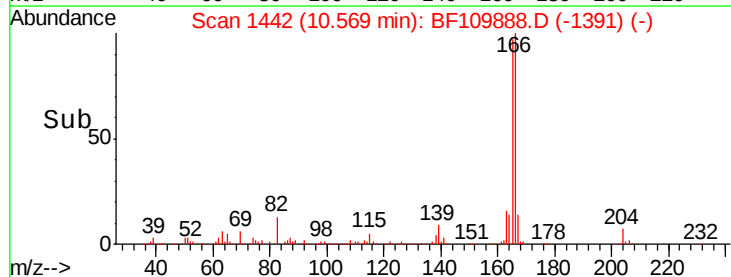
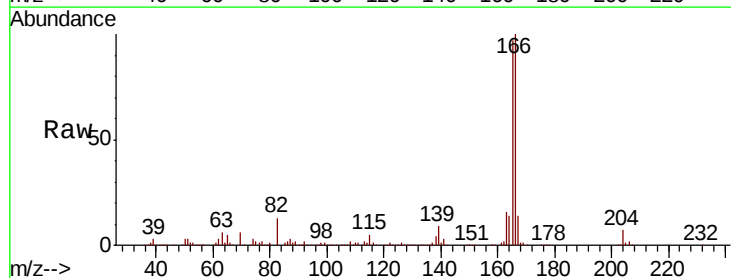
Instrument :
BNA_F
ClientSampleId :

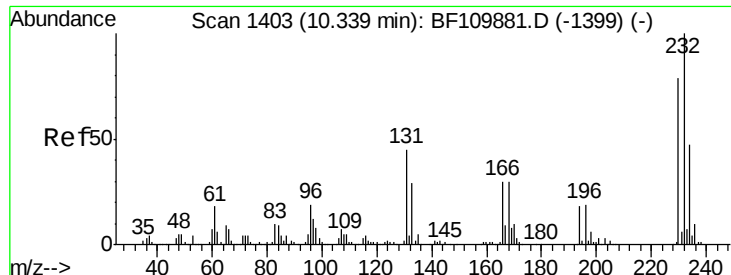
Tot Ion:165 Resp: 385530
Ion Ratio Lower Upper
165 100
63 44.1 44.8 67.2#
89 71.8 62.2 93.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 46.380 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:166 Resp: 1266426
Ion Ratio Lower Upper
166 100
165 97.4 78.6 117.8
167 13.9 10.8 16.2

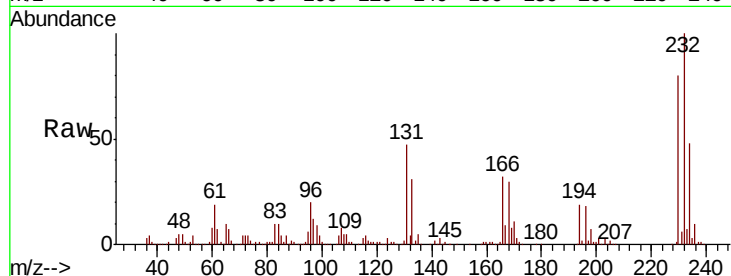




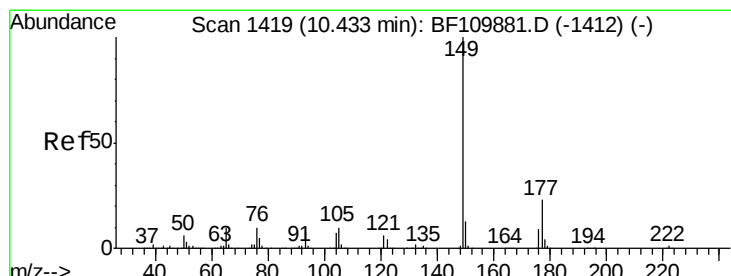
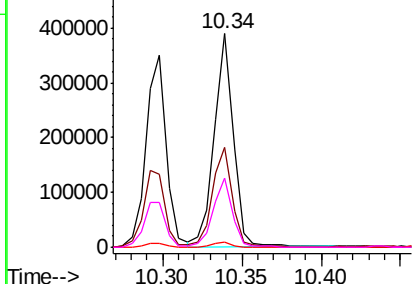
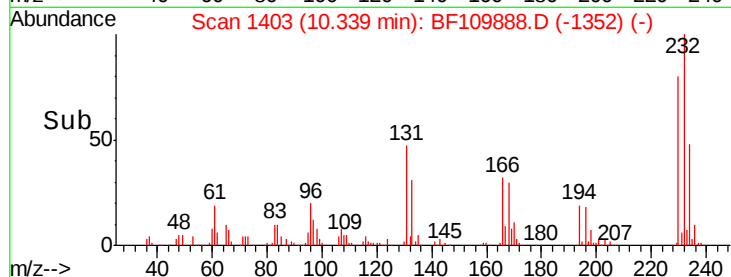
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.772 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.0	55.4
130	2.3	1.8	2.6
166	32.3	22.0	33.0

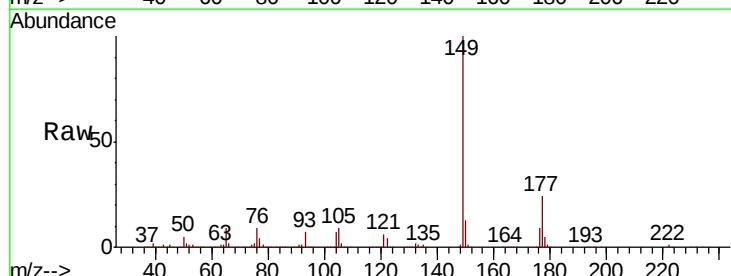


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

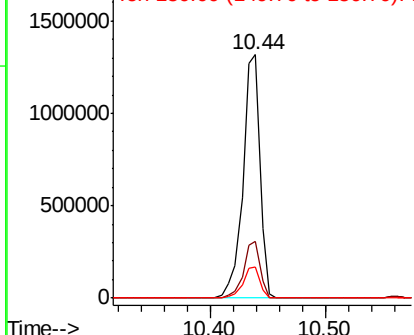
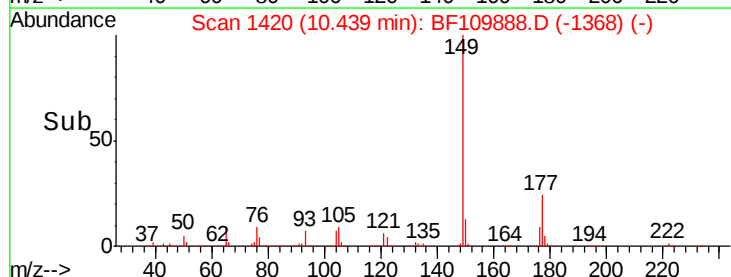


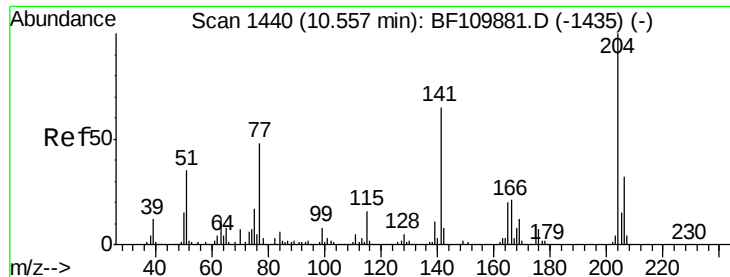
#60
 Diethylphthalate
 Concen: 44.337 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	17.4	26.2
150	12.7	9.8	14.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

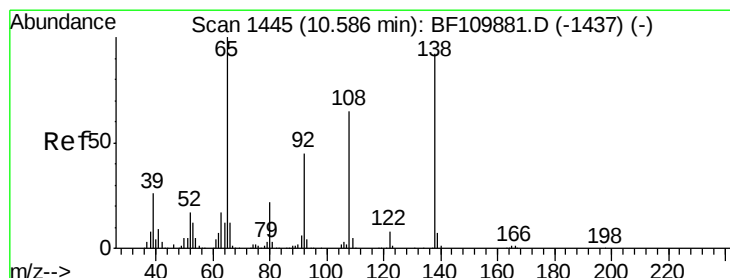
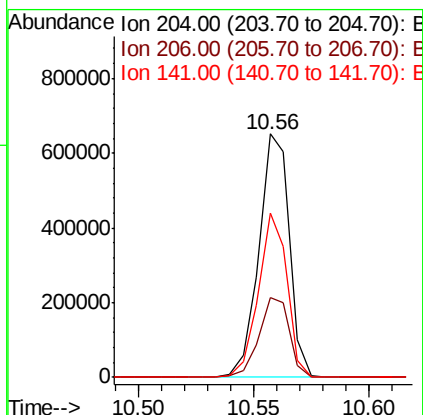
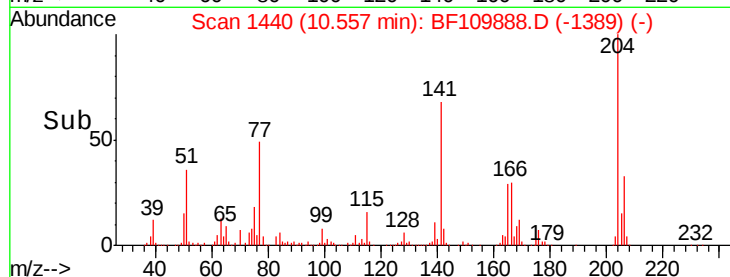
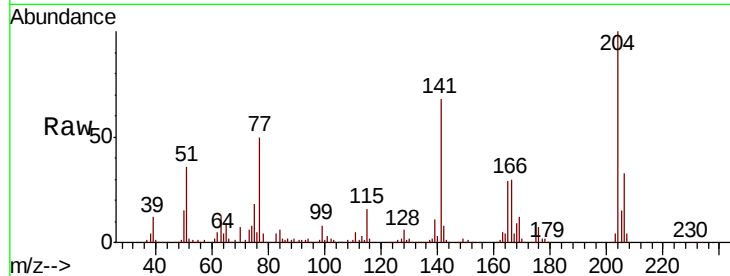




#61
4-Chlorophenyl-phenylether
Concen: 42.121 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

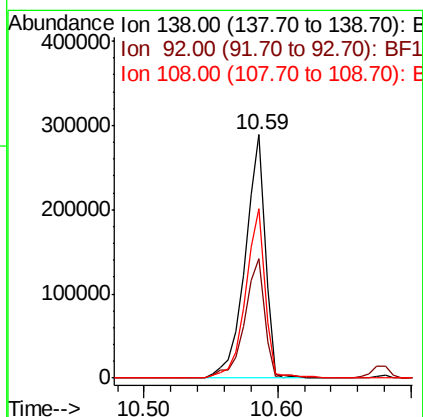
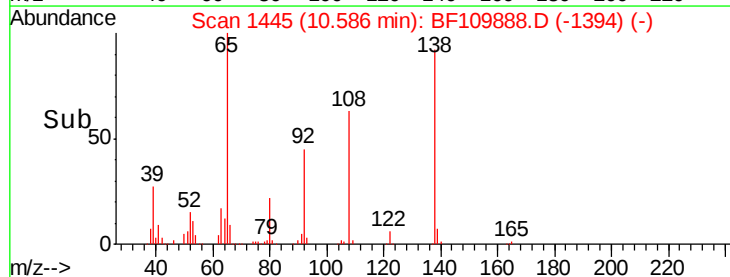
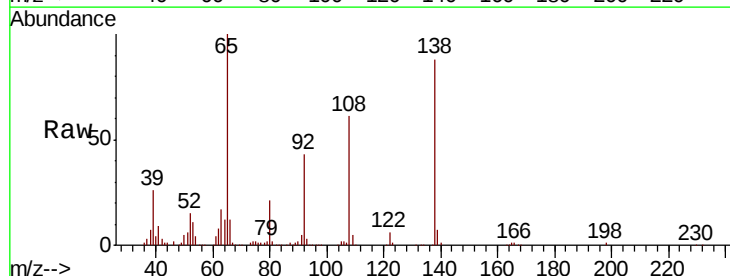
Instrument :
BNA_F
ClientSampled :

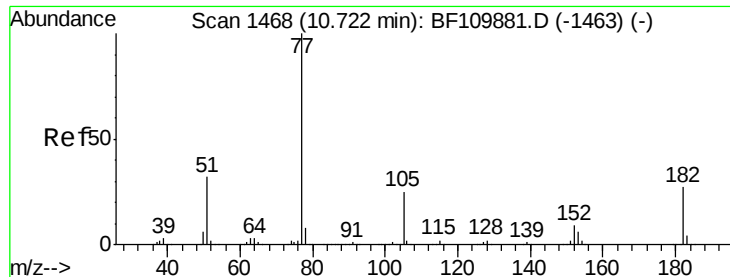
Tot Ion:204 Resp: 599114
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 67.7 51.8 77.8



#62
4-Nitroaniline
Concen: 44.344 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:138 Resp: 297570
Ion Ratio Lower Upper
138 100
92 49.1 31.7 71.7
108 69.8 59.3 99.3

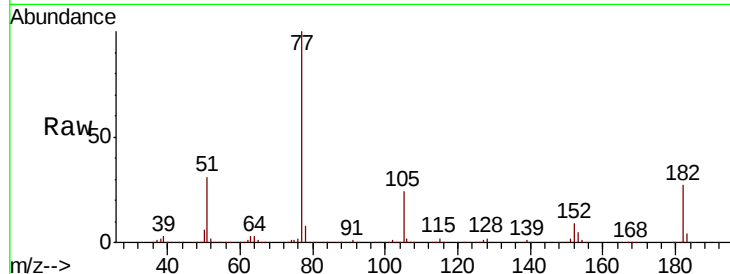




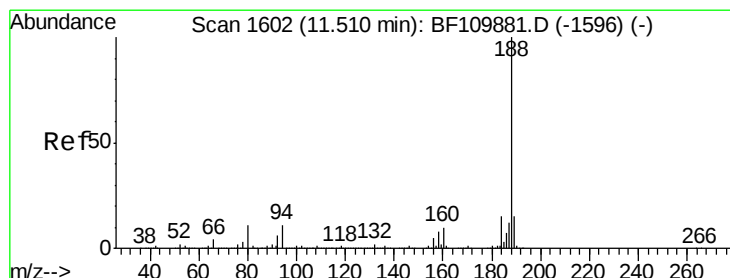
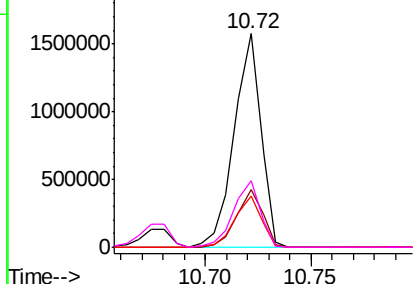
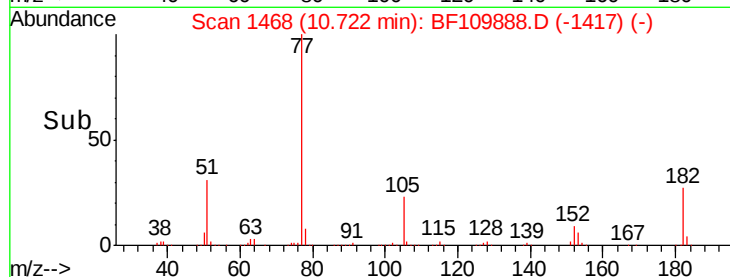
#63
Azobenzene
Concen: 43.565 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1379224
Ion Ratio Lower Upper
77 100
182 26.7 4.3 44.3
105 23.9 1.3 41.3
51 31.4 9.0 49.0

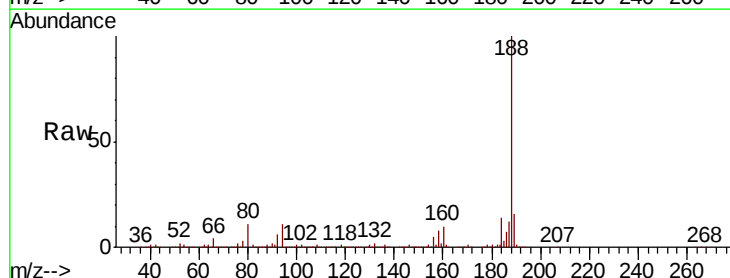


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

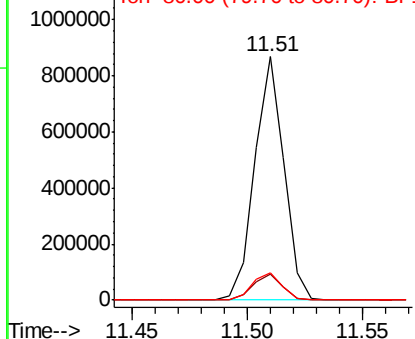
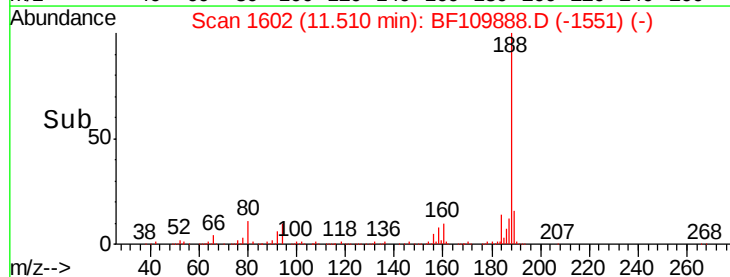


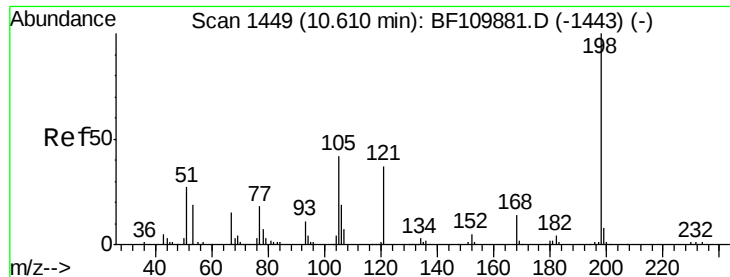
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion: 188 Resp: 770509
Ion Ratio Lower Upper
188 100
94 10.7 7.2 10.8
80 11.1 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: 43.165 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

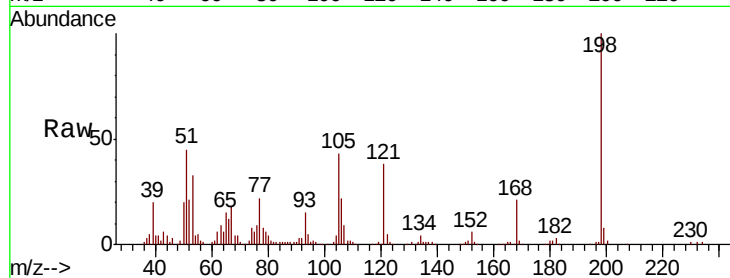
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 117830

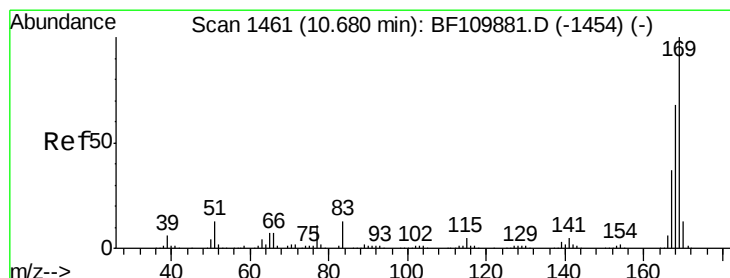
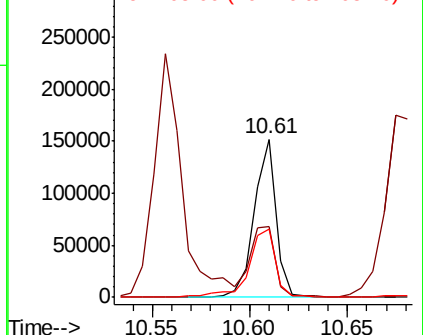
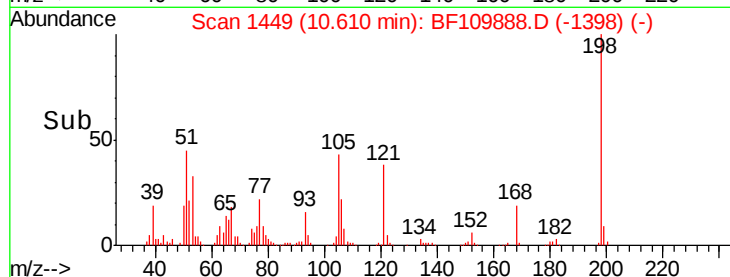
Ion	Ratio	Lower	Upper
198	100		
51	45.2	22.8	62.8
105	43.2	23.6	63.6



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: 44.399 ng

RT: 10.68 min Scan# 1461

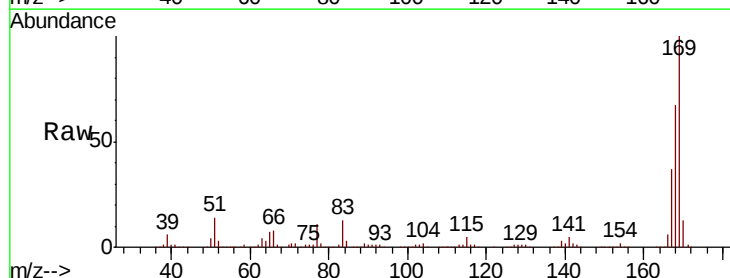
Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Tgt Ion:169 Resp: 1139391

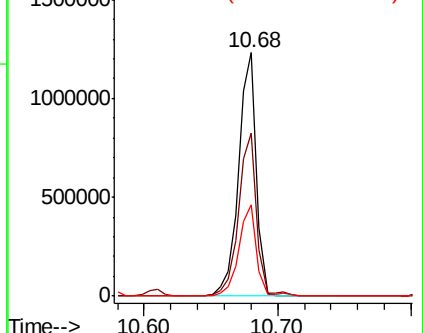
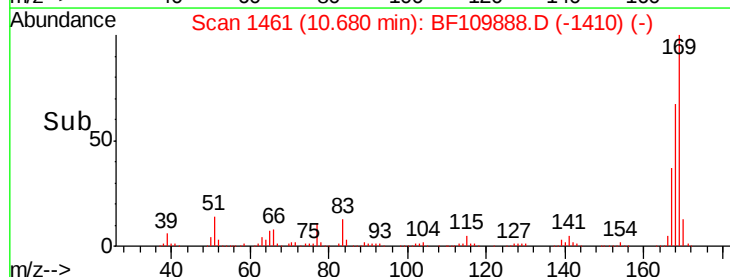
Ion	Ratio	Lower	Upper
169	100		
168	66.9	51.2	76.8
167	37.3	27.8	41.6

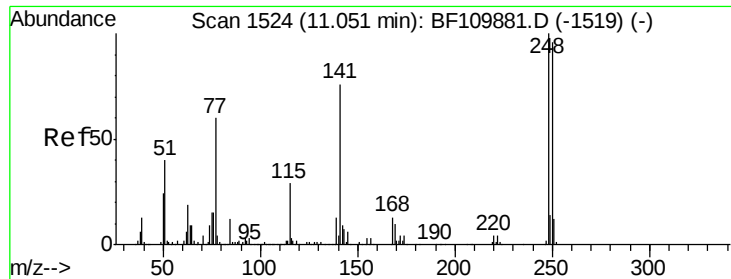


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

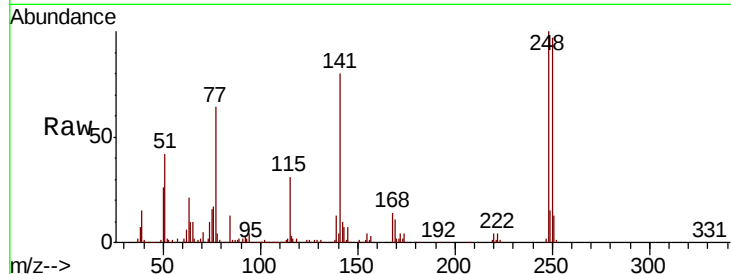




#67
4-Bromophenyl-phenylether
Concen: 44.463 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.4	119.2
141	80.5	55.9	83.9

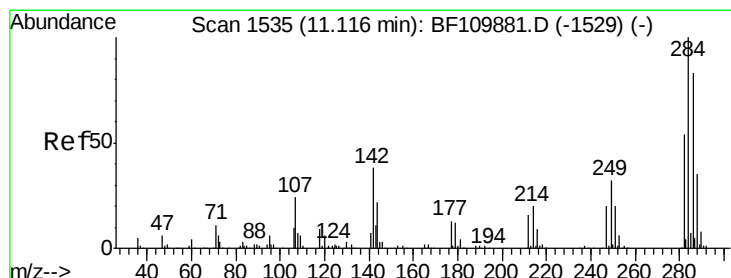
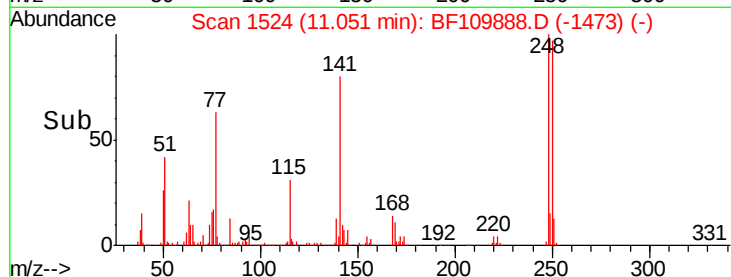
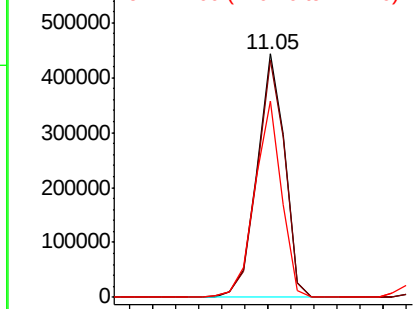


Abundance

Ion 248.00 (247.70 to 248.70): E

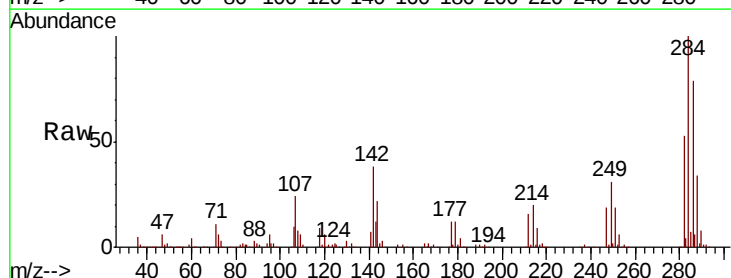
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.801 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.9	35.9#
249	31.1	24.2	36.2

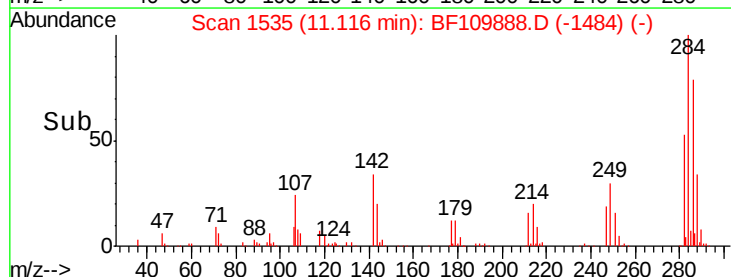
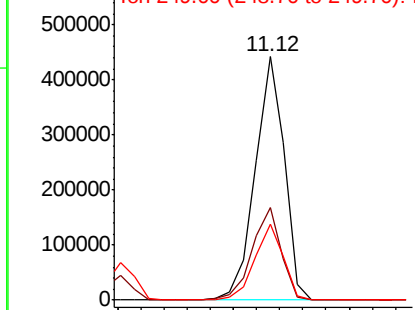


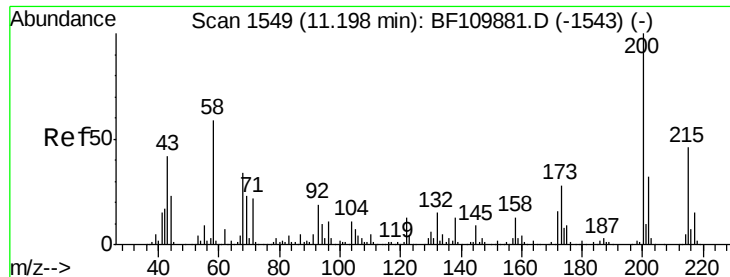
Abundance

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

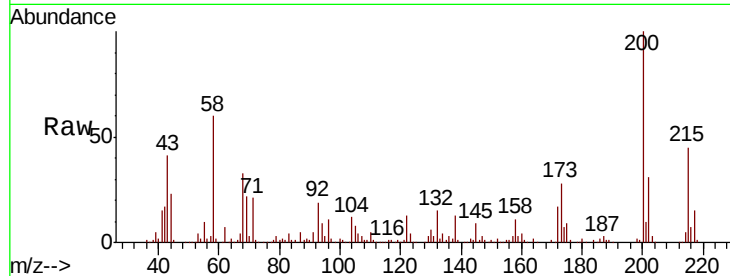




#69
Atrazine
Concen: 46.272 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	6.6	46.6
215	45.1	26.3	66.3

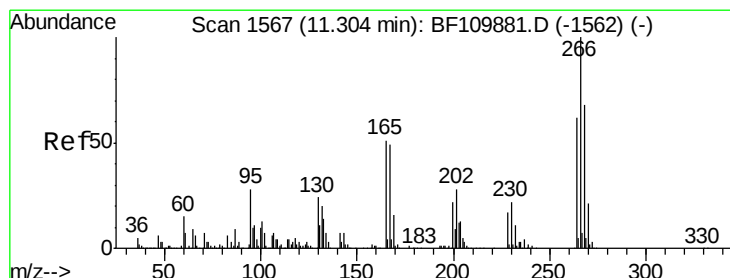
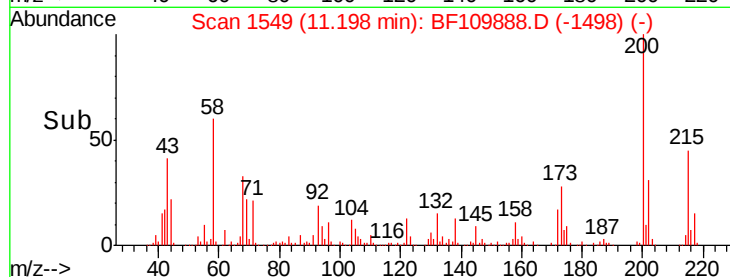
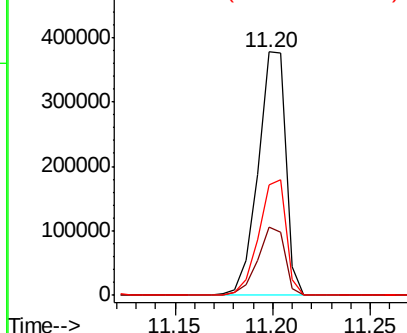


Abundance

Ion 200.00 (199.70 to 200.70): E

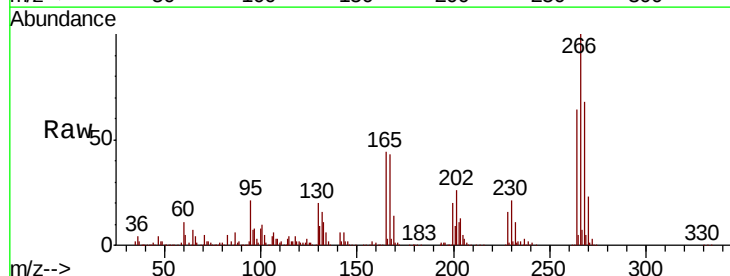
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 68.665 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	50.6	75.8
264	64.4	50.6	75.8

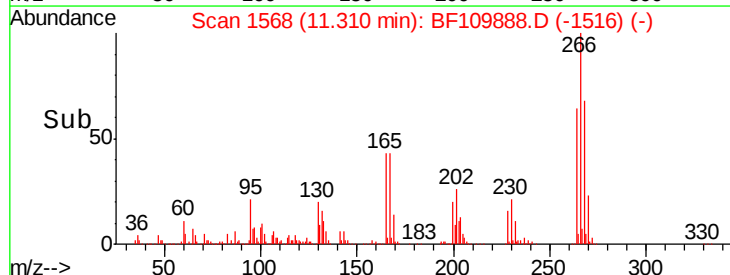
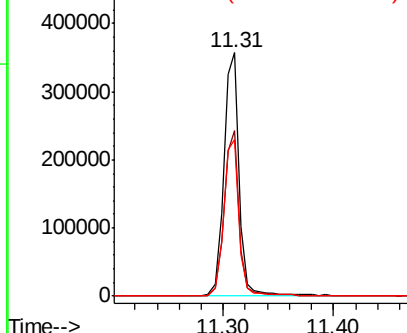


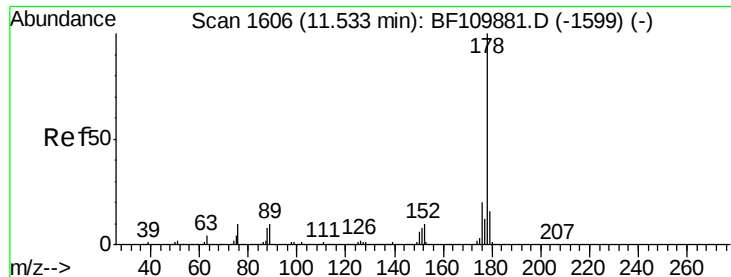
Abundance

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

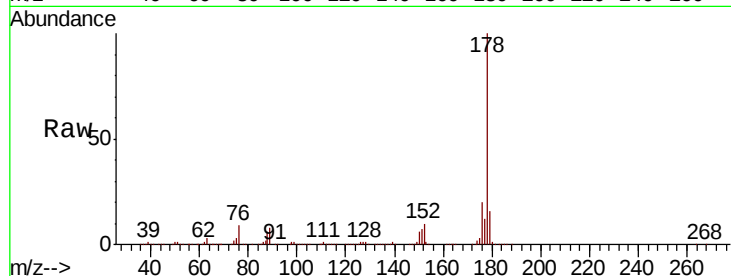




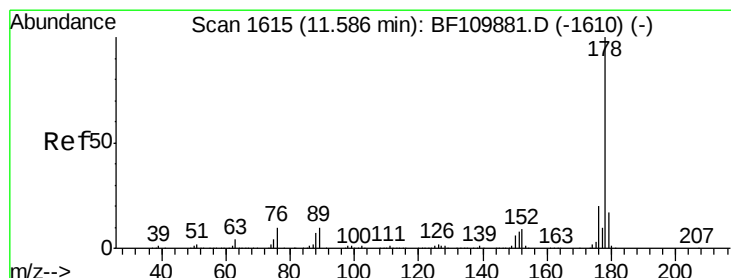
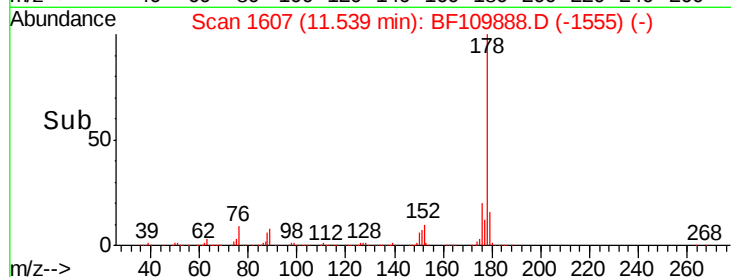
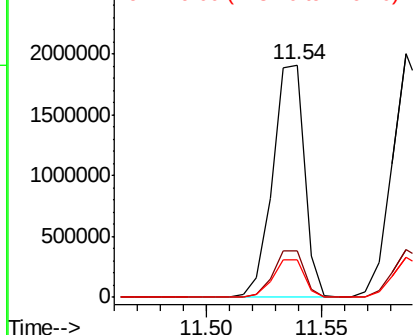
#71
Phenanthrene
Concen: 45.672 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 1821853
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.2 12.5 18.7

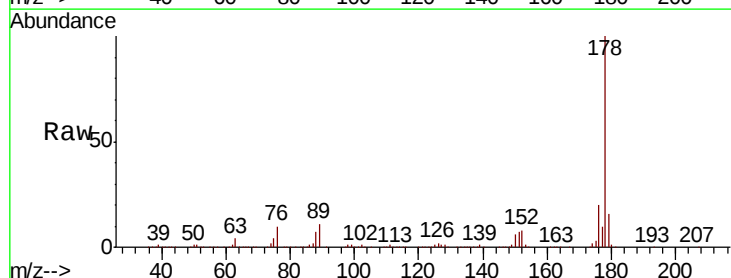


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

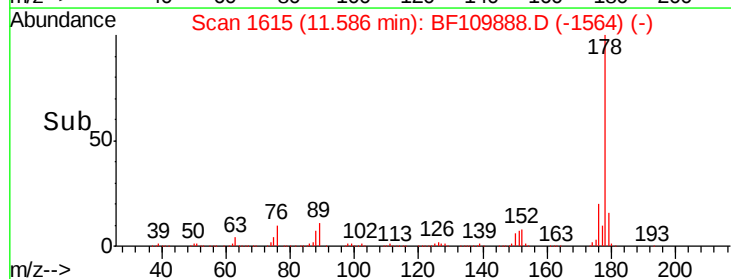
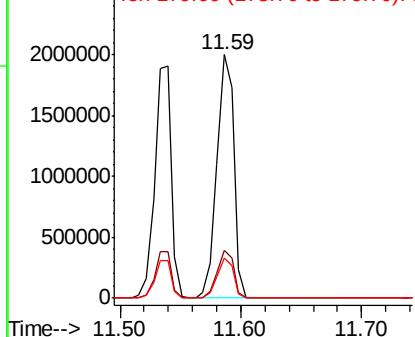


#72
Anthracene
Concen: 47.655 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:178 Resp: 1911144
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.4 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



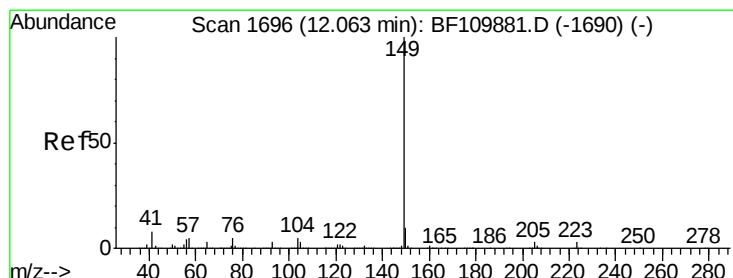
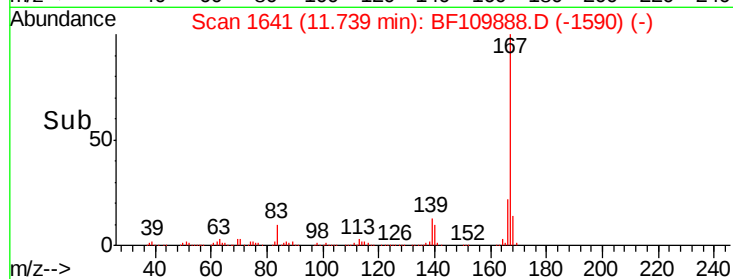
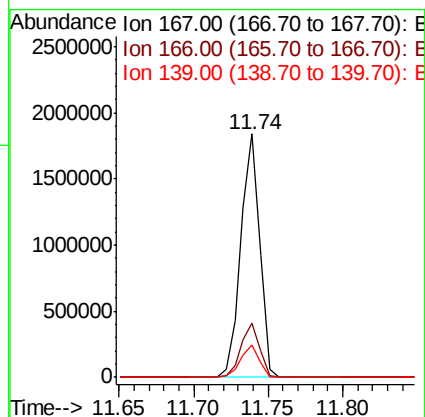
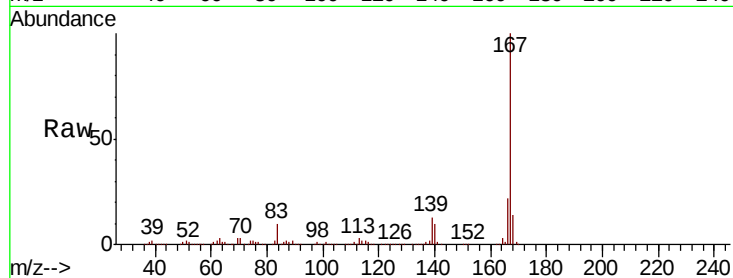


#73
 Carbazole
 Concen: 41.283 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1627127

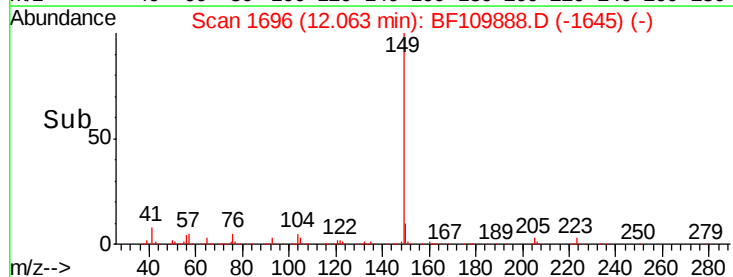
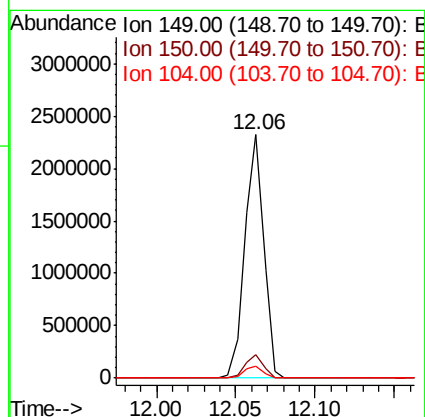
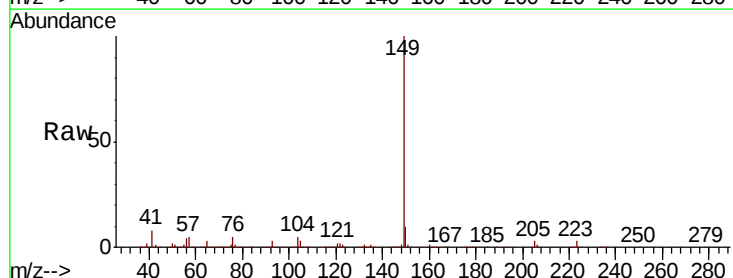
Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.4	26.0
139	13.4	10.9	16.3

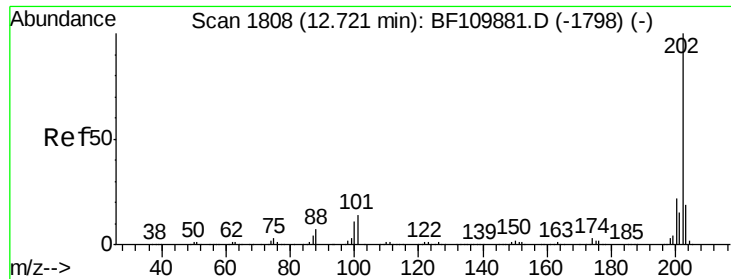


#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 12.06 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:149 Resp: 1904483

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.1	4.2	6.4

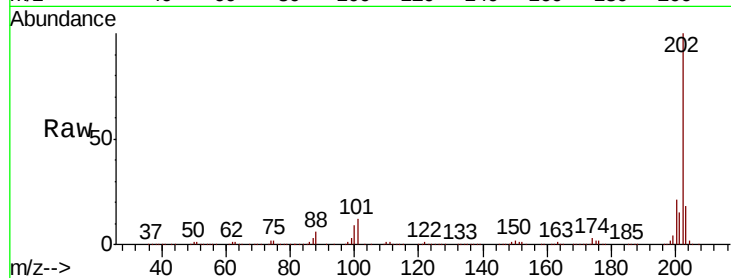




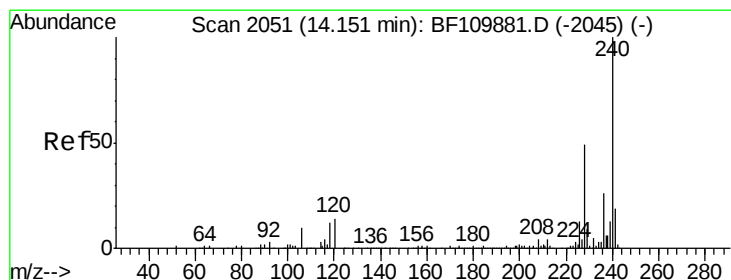
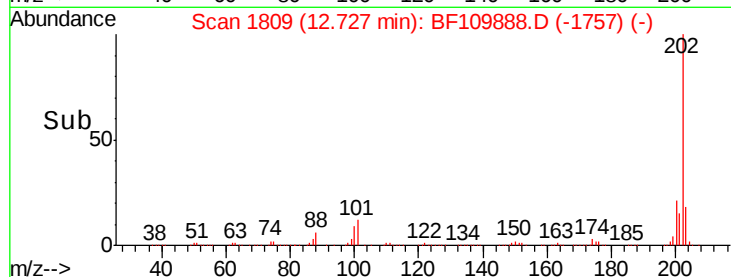
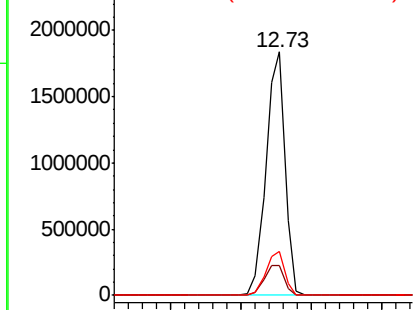
#75
Fluoranthene
Concen: 43.789 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1744943
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.4
203 18.1 0.0 37.7

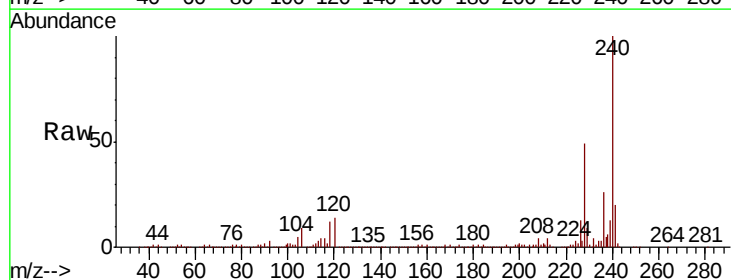


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

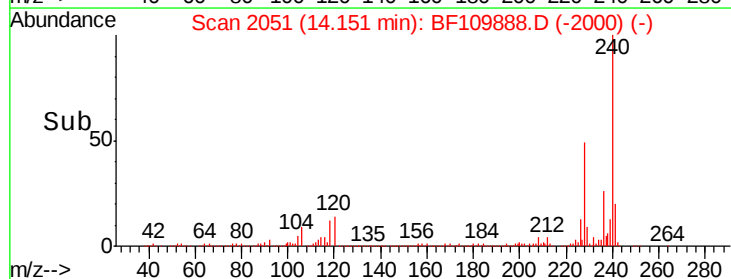
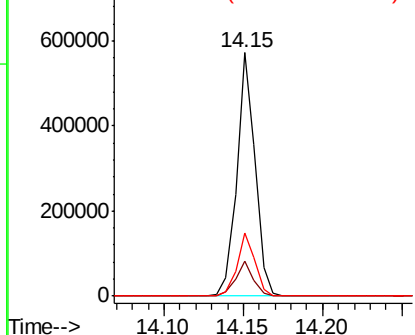


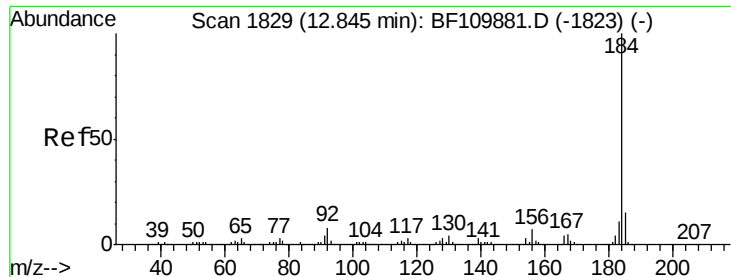
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:240 Resp: 456310
Ion Ratio Lower Upper
240 100
120 14.2 8.3 12.5#
236 25.9 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: 24.611 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

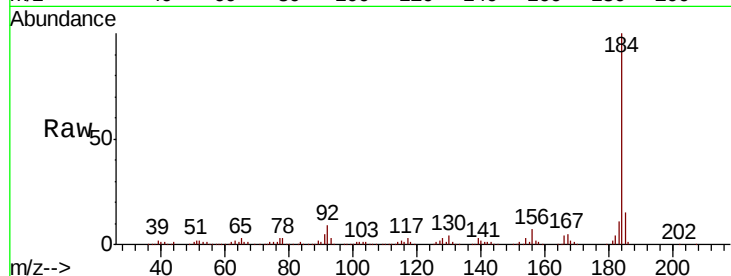
Tot Ion:184 Resp: 430575

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.2

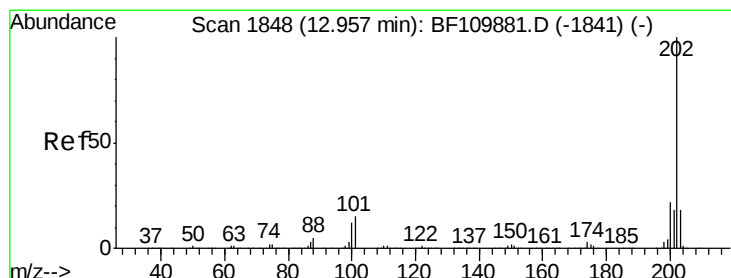
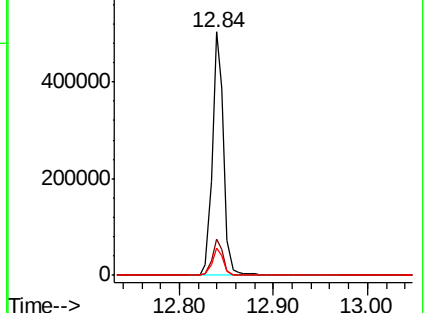
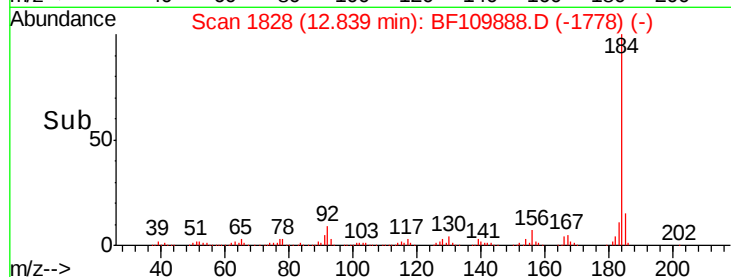
183 11.2 9.4 14.2



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: 51.530 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

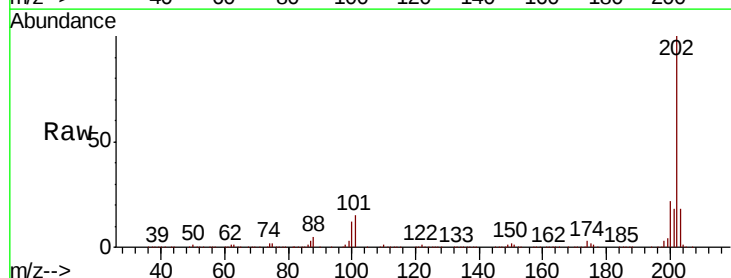
Tgt Ion:202 Resp: 1727010

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.6

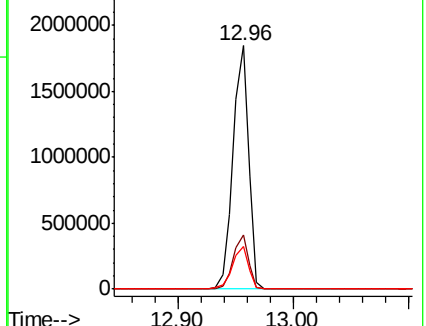
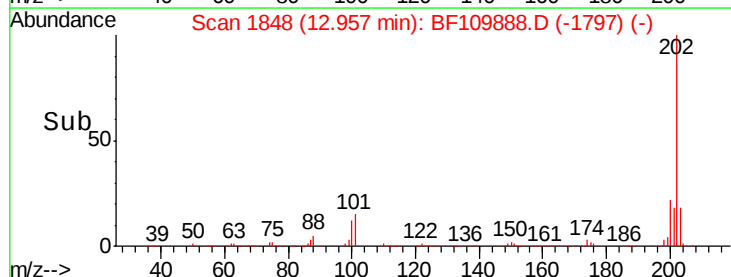
203 17.6 14.2 21.4

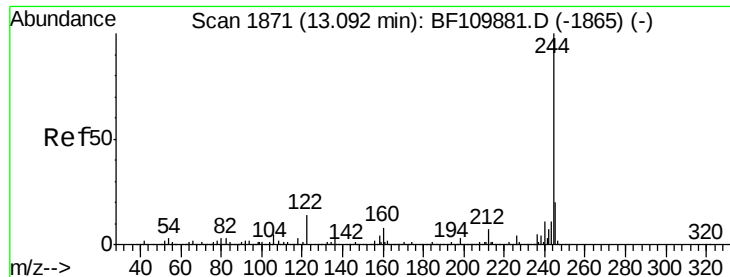


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

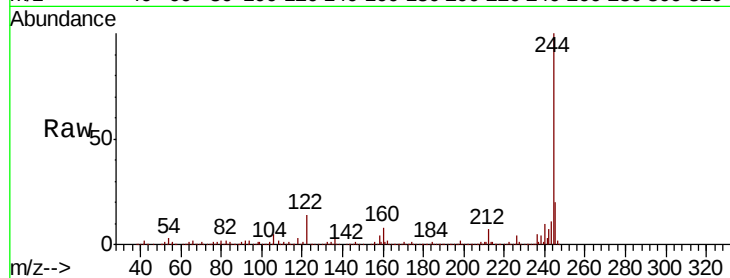




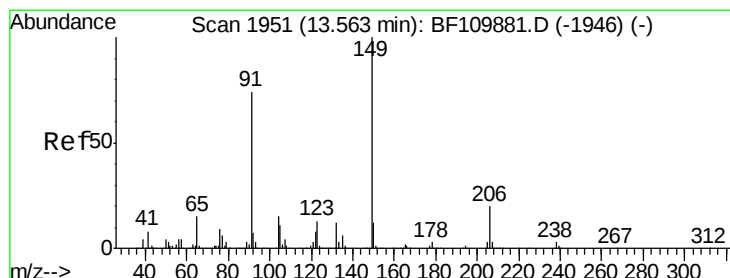
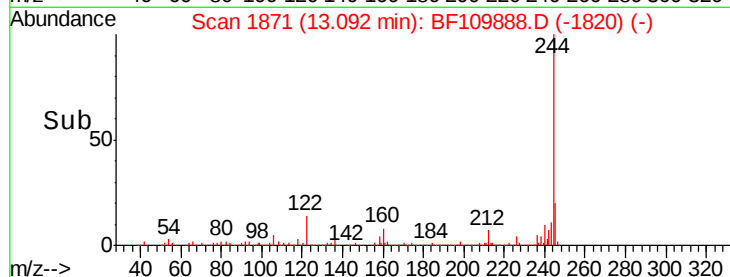
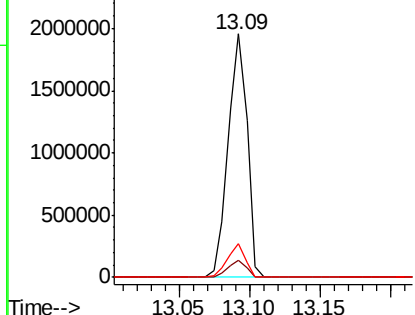
#79
 Terphenyl-d14
 Concen: 84.033 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1826016
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.7 8.7 13.1#

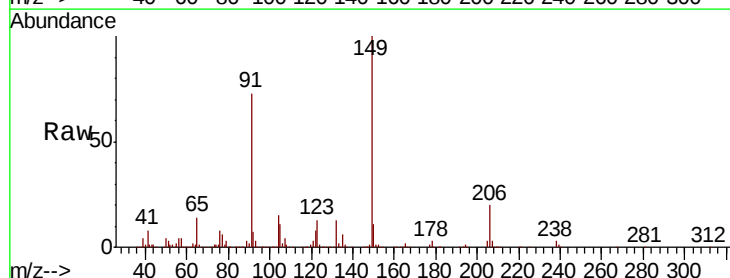


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

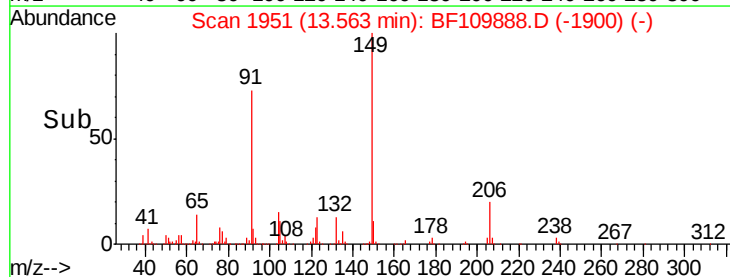
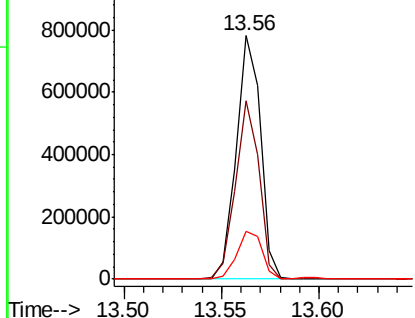


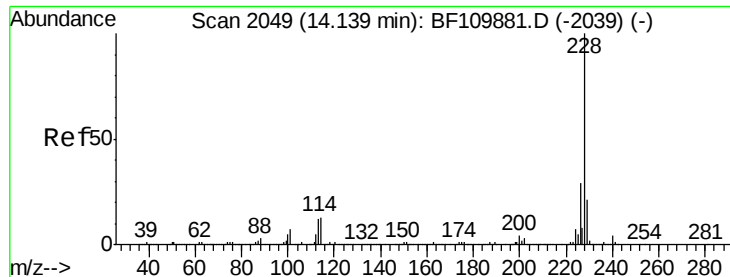
#80
 Butylbenzylphthalate
 Concen: 49.815 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: BF109888.D
 Acq: 15 Oct 2018 19:26

Tgt Ion:149 Resp: 674967
 Ion Ratio Lower Upper
 149 100
 91 73.0 57.2 85.8
 206 19.7 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.537 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

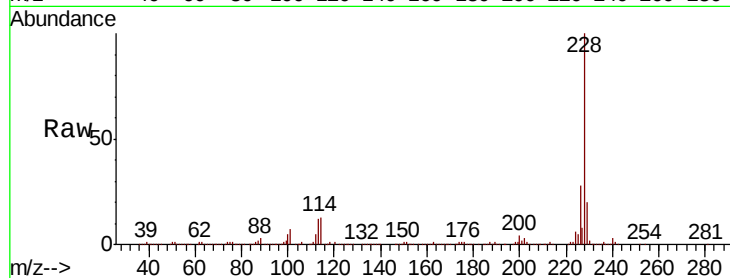
Tot Ion:228 Resp: 1304577

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	20.1	15.6	23.4

228 100

226 28.0 22.1 33.1

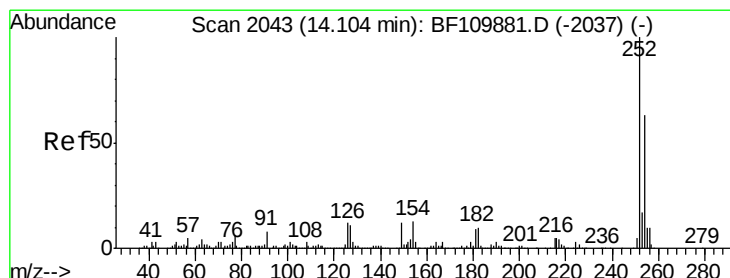
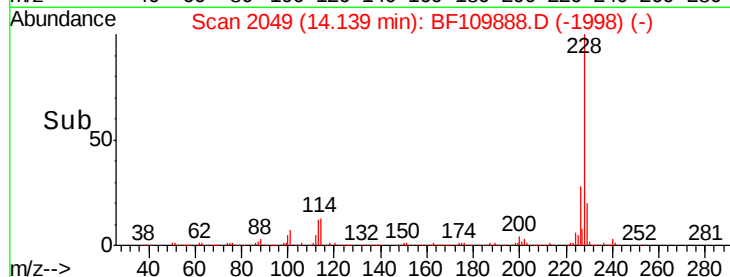
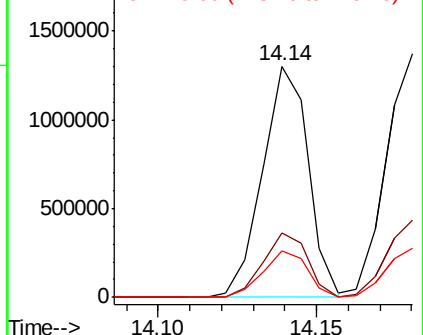
229 20.1 15.6 23.4



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: 21.591 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

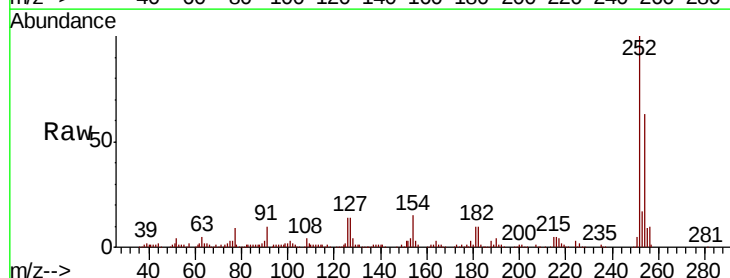
Tgt Ion:252 Resp: 203452

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.3	76.9
126	13.5	9.4	14.2

252 100

254 63.3 51.3 76.9

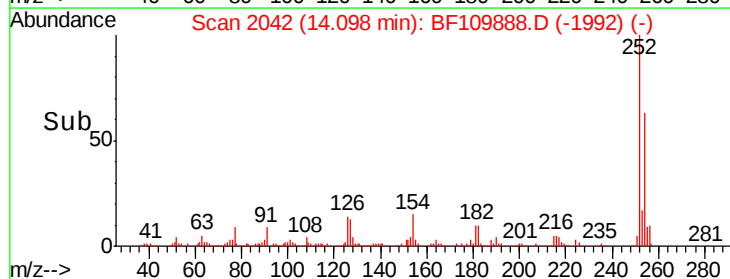
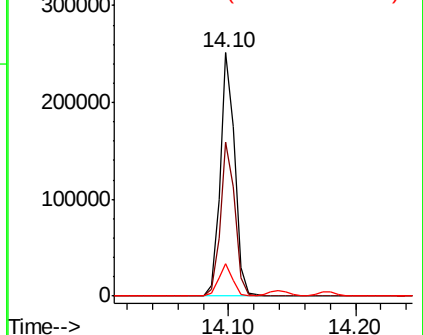
126 13.5 9.4 14.2

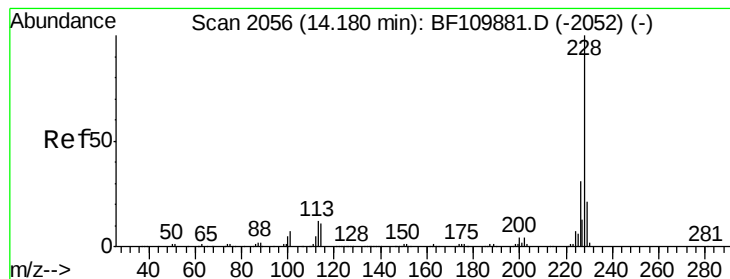


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.122 ng

RT: 14.18 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

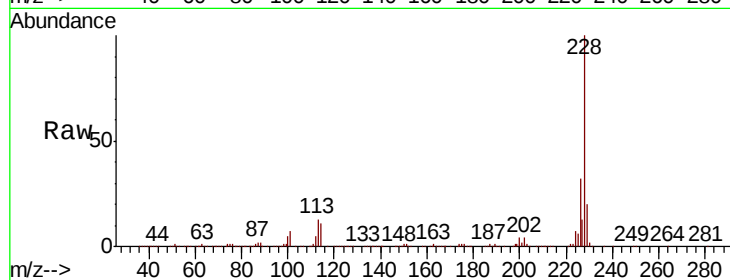
Tot Ion:228 Resp: 1205544

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

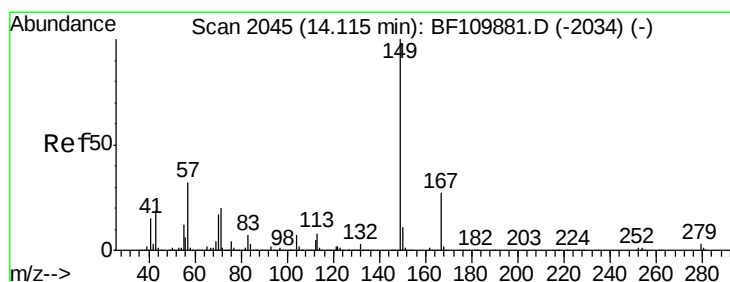
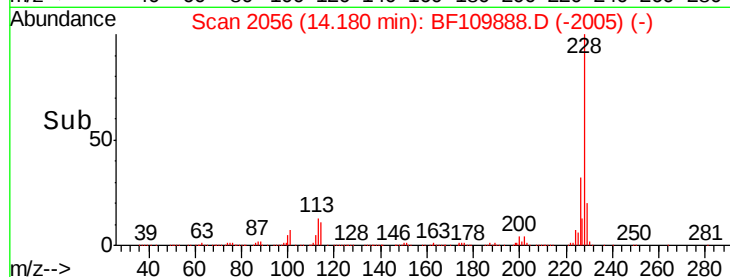
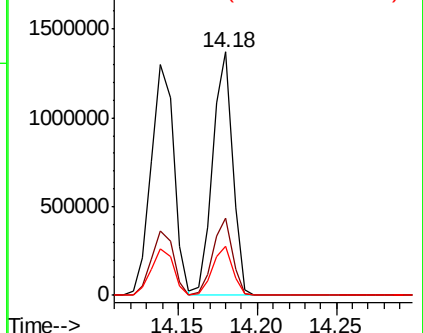
229 20.3 15.9 23.9



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: 47.118 ng

RT: 14.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

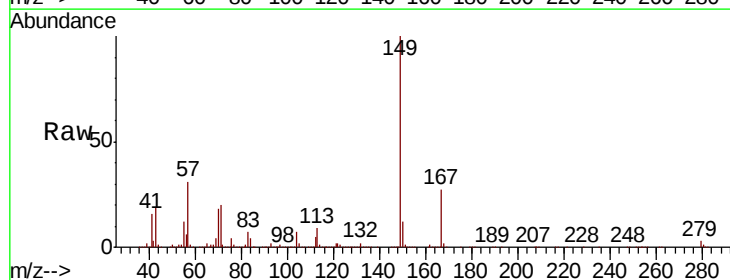
Tgt Ion:149 Resp: 840074

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

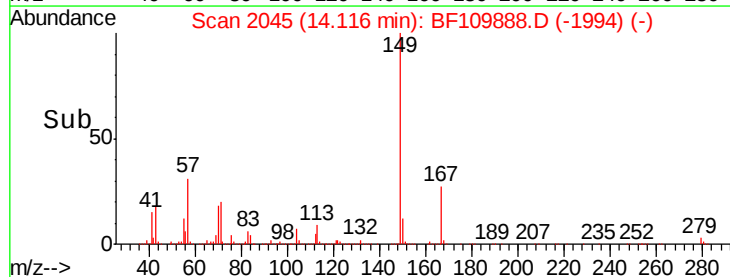
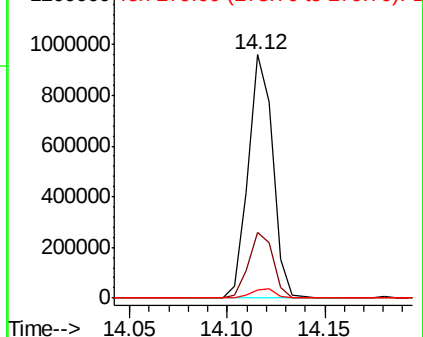
279 3.3 2.7 4.1

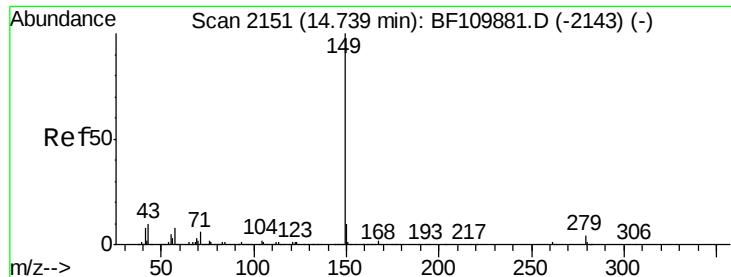


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.745 ng

RT: 14.74 min Scan# 2151

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

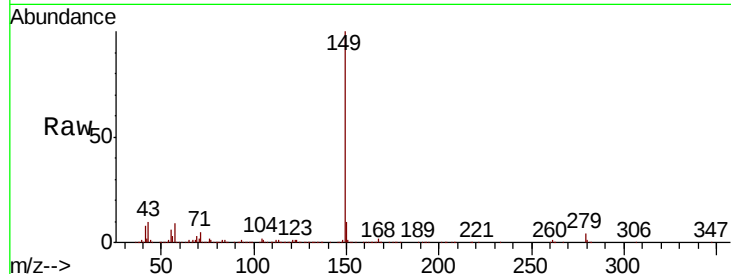
Tot Ion:149 Resp: 1325799

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

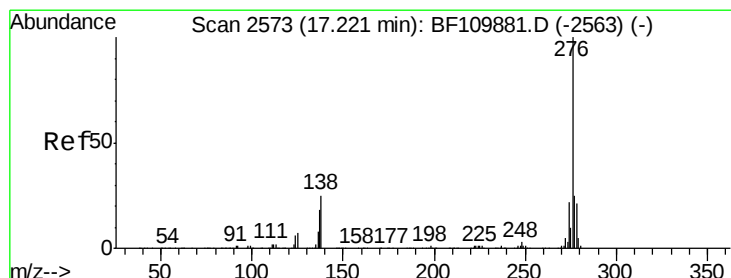
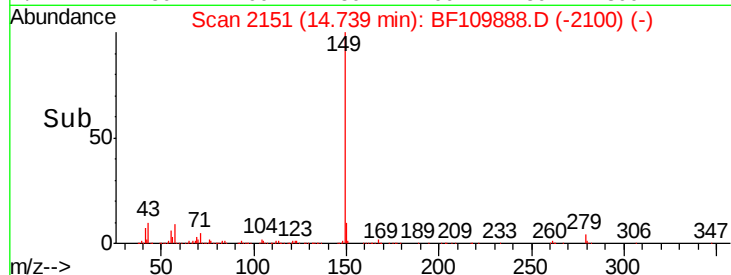
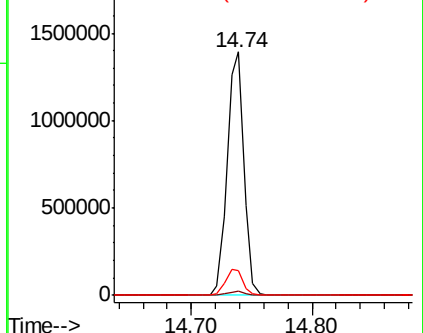
43 10.7 7.8 11.8



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: 84.835 ng

RT: 17.23 min Scan# 2575

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

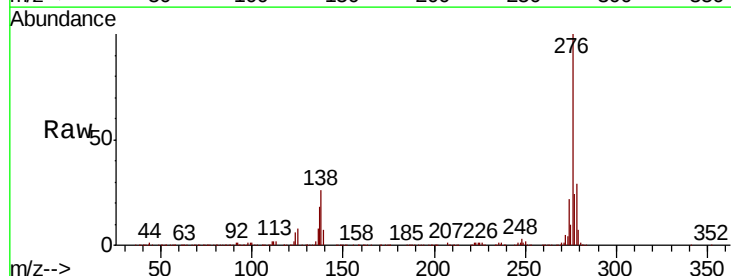
Tgt Ion:276 Resp: 1747492

Ion Ratio Lower Upper

276 100

138 29.7 18.5 27.7#

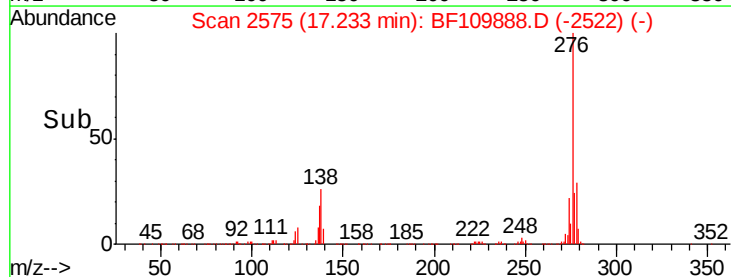
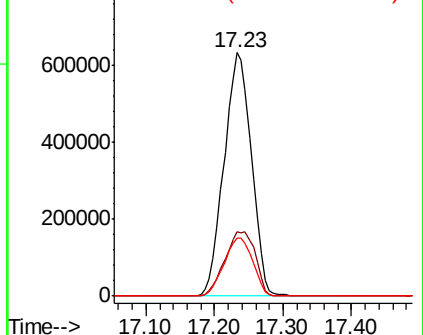
277 25.1 20.0 30.0

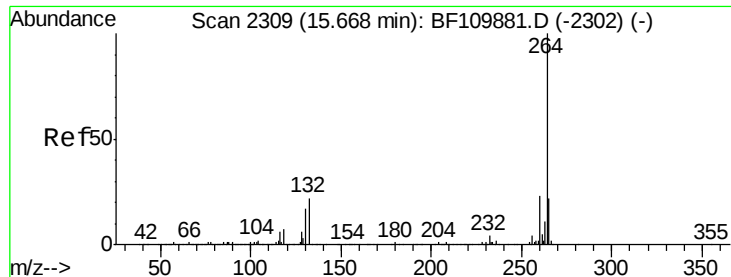


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.67 min Scan# 2309

Delta R.T. 0.00 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampled :

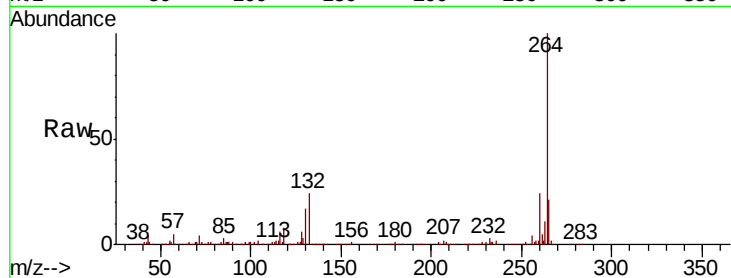
Tot Ion:264 Resp: 511213

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

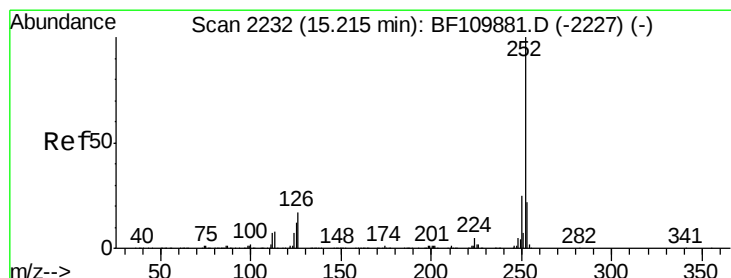
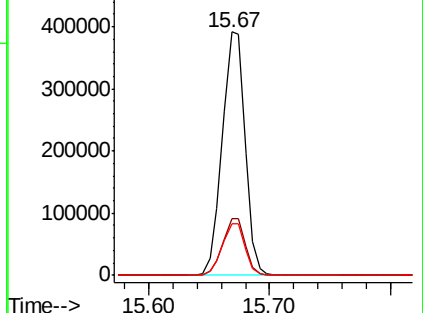
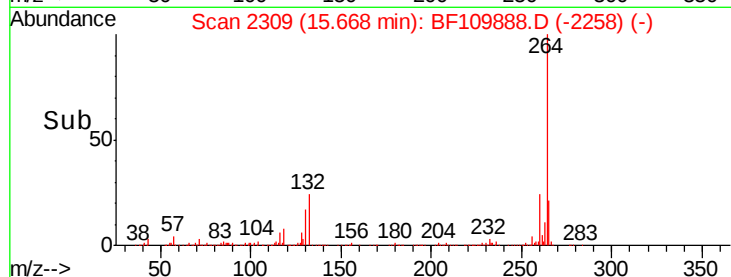
265 21.4 16.7 25.1



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: 43.577 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

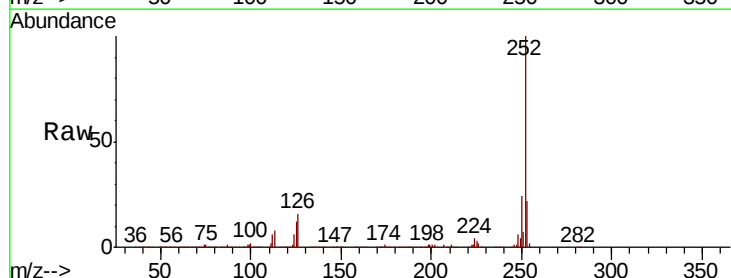
Tgt Ion:252 Resp: 1284338

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

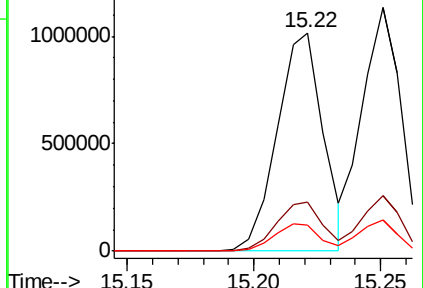
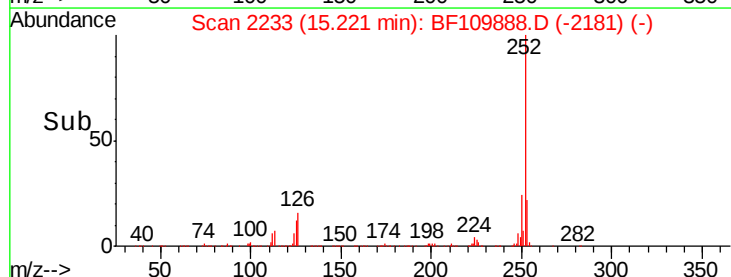
125 11.7 8.2 12.4

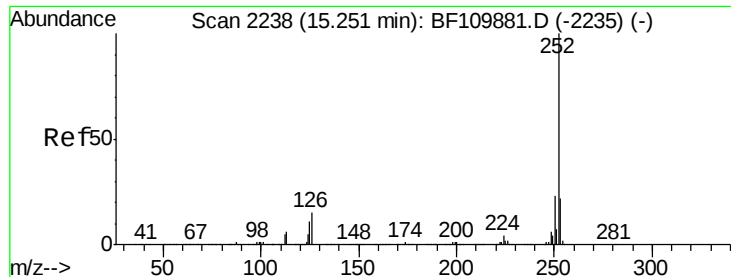


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

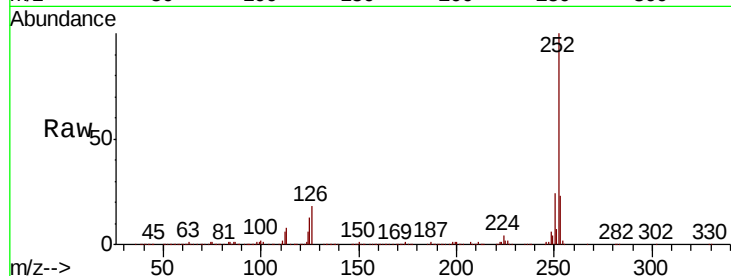




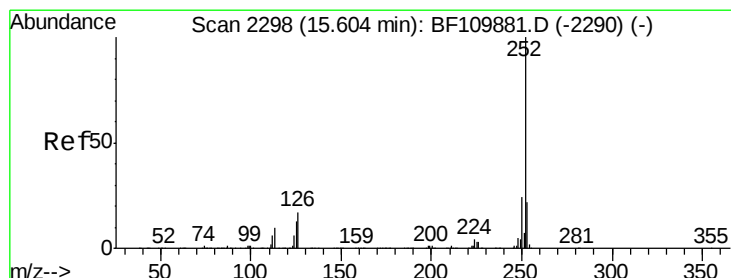
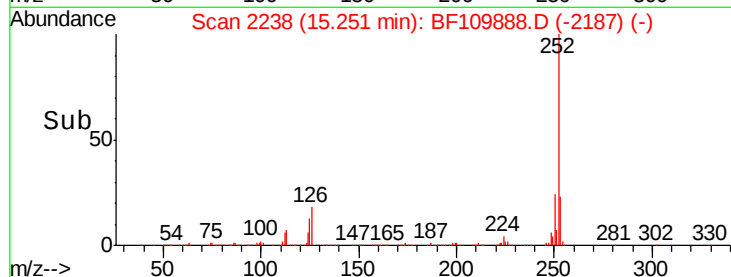
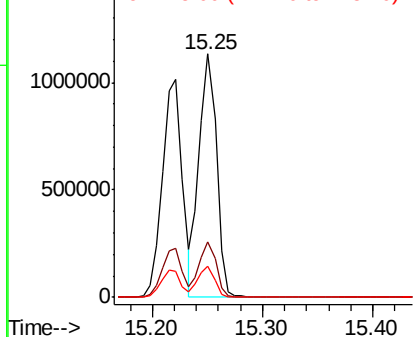
#89
Benzo(k)fluoranthene
Concen: 41.938 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1218305
Ion Ratio Lower Upper
252 100
253 22.9 17.2 25.8
125 12.7 7.4 11.0#

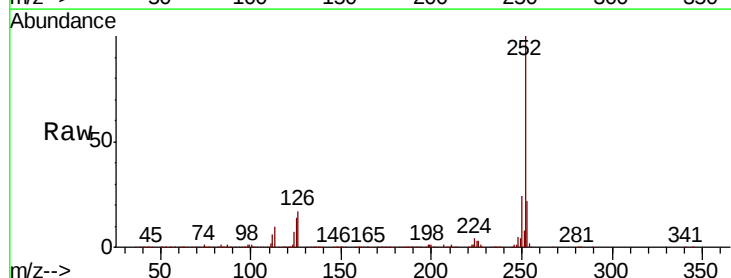


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

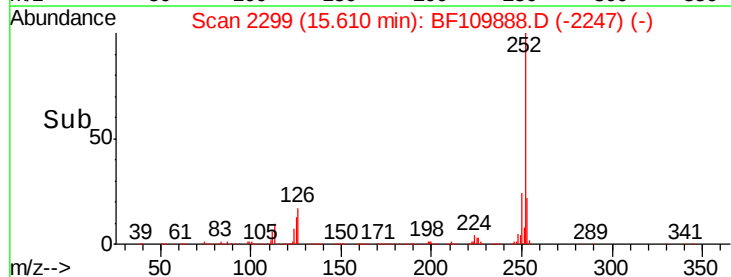
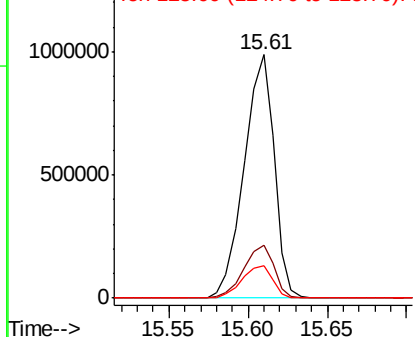


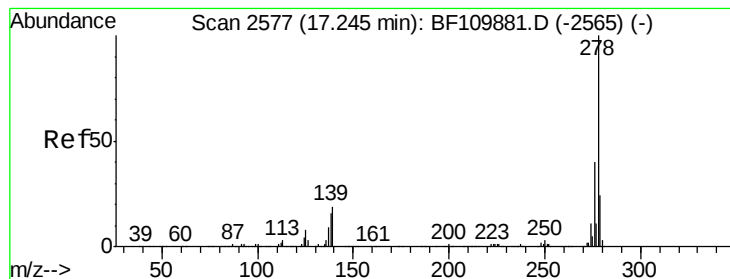
#90
Benzo(a)pyrene
Concen: 48.108 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF109888.D
Acq: 15 Oct 2018 19:26

Tgt Ion:252 Resp: 1304027
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 13.5 9.0 13.6



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





#91

Dibenzo(a,h)anthracene

Concen: 59.478 ng

RT: 17.26 min Scan# 2579

Delta R.T. 0.01 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

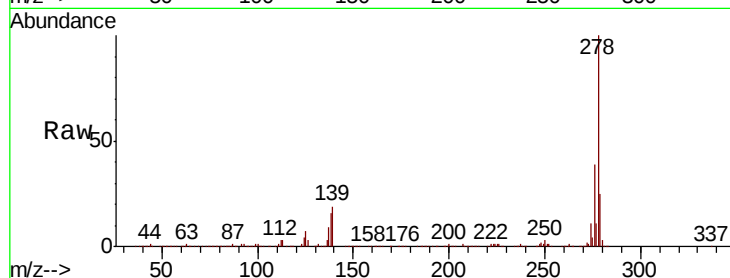
Tot Ion:278 Resp: 1428812

Ion Ratio Lower Upper

278 100

139 19.3 12.7 19.1#

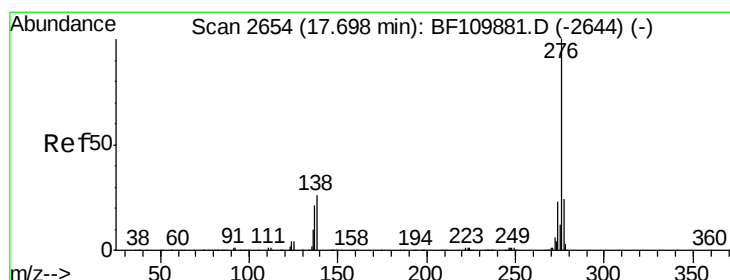
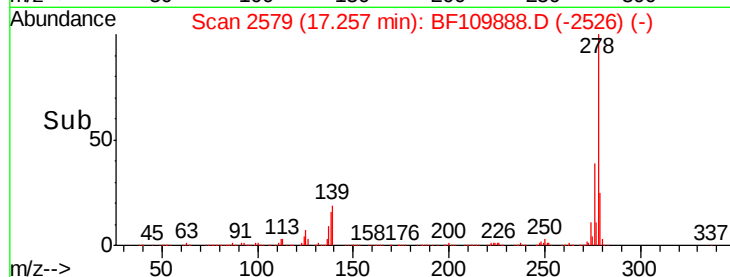
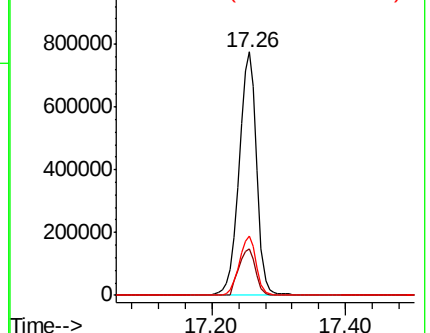
279 24.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 61.485 ng

RT: 17.72 min Scan# 2657

Delta R.T. 0.02 min

Lab File: BF109888.D

Acq: 15 Oct 2018 19:26

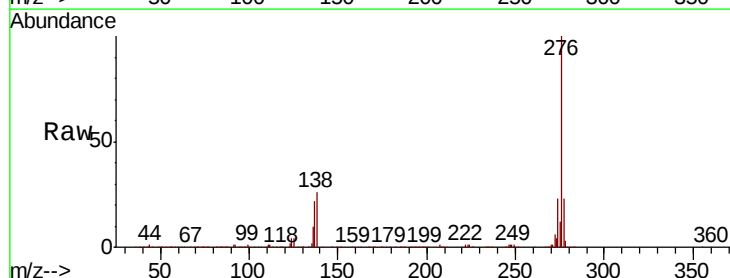
Tgt Ion:276 Resp: 1492325

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 25.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

