

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110266.D
 Acq On : 29 Oct 2018 17:03
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 17:31:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	113995	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	475667	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	225973	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	429262	20.00	ng	0.00
76) Chrysene-d12	14.16	240	310827	20.00	ng	0.00
87) Perylene-d12	15.69	264	236285	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	558404	79.77	ng	0.00
7) Phenol-d6	6.59	99	695354	77.66	ng	0.00
23) Nitrobenzene-d5	7.54	82	646054	80.56	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	179893	80.37	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1198570	83.29	ng	0.00
79) Terphenyl-d14	13.09	244	1258163	84.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	139217	37.959	ng	93
3) Pyridine	3.60	79	306450	37.514	ng	86
4) n-Nitrosodimethylamine	3.57	42	134326	39.249	ng	92
6) Aniline	6.63	93	455236	39.030	ng	# 53
8) 2-Chlorophenol	6.76	128	323095	40.034	ng	97
9) Benzaldehyde	6.52	77	196170	36.897	ng	96
10) Phenol	6.61	94	381672	39.878	ng	# 63
11) bis(2-Chloroethyl)ether	6.70	93	302520	38.419	ng	95
12) 1,3-Dichlorobenzene	6.91	146	356744	40.166	ng	99
13) 1,4-Dichlorobenzene	6.99	146	353242	39.325	ng	99
14) 1,2-Dichlorobenzene	7.14	146	331092	39.705	ng	98
15) Benzyl Alcohol	7.11	79	277117	40.240	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	474715	37.706	ng	69
17) 2-Methylphenol	7.22	107	252563	39.267	ng	# 81
18) Hexachloroethane	7.48	117	130266	39.611	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	223250	38.865	ng	97
20) 3+4-Methylphenols	7.37	107	329838	39.672	ng	98
22) Acetophenone	7.38	105	435318	39.717	ng	# 99
24) Nitrobenzene	7.56	77	334142	40.357	ng	93
25) Isophorone	7.79	82	524505	38.368	ng	95
26) 2-Nitrophenol	7.87	139	170492	43.272	ng	95
27) 2,4-Dimethylphenol	7.90	122	252393	38.638	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	357415	38.487	ng	98
29) 2,4-Dichlorophenol	8.11	162	267464	40.528	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	299905	40.570	ng	96
31) Naphthalene	8.27	128	871956	39.774	ng	100
32) Benzoic acid	8.02	122	151192	29.947	ng	92
33) 4-Chloroaniline	8.32	127	386747	39.198	ng	99
34) Hexachlorobutadiene	8.39	225	169952	41.407	ng	98
35) Caprolactam	8.70	113	89799	39.039	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	282610	39.601	ng	95
37) 2-Methylnaphthalene	8.97	142	576649	39.755	ng	98
38) 1-Methylnaphthalene	9.07	142	554553	39.563	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	284332	40.383	ng	99

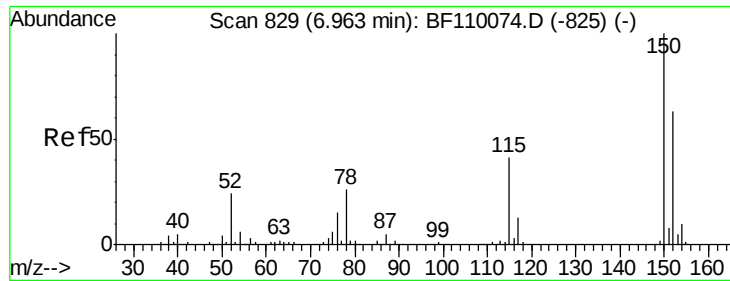
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110266.D
 Acq On : 29 Oct 2018 17:03
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 29 17:31:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	126824	35.227	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	182662	40.223	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	194615	40.542	nq	97
46) 1,1'-Biphenyl	9.43	154	808471	39.564	nq	99
47) 2-Chloronaphthalene	9.46	162	596210	39.775	nq	99
48) 2-Nitroaniline	9.56	65	179344	39.483	nq	94
49) Acenaphthylene	9.88	152	857567	39.610	nq	98
50) Dimethylphthalate	9.73	163	666726	39.970	nq	99
51) 2,6-Dinitrotoluene	9.80	165	146079	40.655	nq	91
52) Acenaphthene	10.05	154	535976	37.422	nq	97
53) 3-Nitroaniline	9.97	138	170872	39.990	nq	92
54) 2,4-Dinitrophenol	10.07	184	51220	38.769	nq	92
55) Dibenzofuran	10.22	168	787601	39.276	nq	98
56) 4-Nitrophenol	10.12	139	125821	39.786	nq	97
57) 2,4-Dinitrotoluene	10.20	165	190685	41.781	nq	# 85
58) Fluorene	10.56	166	585241	39.214	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	156946	40.112	nq	94
60) Diethylphthalate	10.43	149	653617	40.141	nq	100
61) 4-Chlorophenyl-phenylether	10.55	204	310035	39.380	nq	96
62) 4-Nitroaniline	10.59	138	170166	40.041	nq	93
63) Azobenzene	10.72	77	632329	39.123	nq	97
65) 4,6-Dinitro-2-methylphenol	10.62	198	79784	40.682	nq	98
66) n-Nitrosodiphenylamine	10.67	169	559115	39.710	nq	96
67) 4-Bromophenyl-phenylether	11.04	248	182530	39.201	nq	93
68) Hexachlorobenzene	11.12	284	196649	39.804	nq	95
69) Atrazine	11.20	200	176018	39.559	nq	100
70) Pentachlorophenol	11.31	266	120860	41.954	nq	97
71) Phenanthrene	11.53	178	870694	38.765	nq	100
72) Anthracene	11.59	178	880411	39.106	nq	99
73) Carbazole	11.74	167	861930	39.211	nq	99
74) Di-n-butylphthalate	12.06	149	1011896	40.759	nq	99
75) Fluoranthene	12.73	202	894556	39.243	nq	100
77) Benzidine	12.84	184	460739	Below	Cal	97
78) Pyrene	12.96	202	912976	40.971	nq	99
80) Butylbenzylphthalate	13.56	149	407944	42.178	nq	92
81) Benzo(a)anthracene	14.14	228	732978	39.765	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	253245	39.455	nq	99
83) Chrysene	14.19	228	694036	39.642	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	526928	40.302	nq	98
85) Di-n-octyl phthalate	14.73	149	799855	39.343	nq	99
86) Indeno(1,2,3-cd)pyrene	17.27	276	528356	36.378	nq	97
88) Benzo(b)fluoranthene	15.23	252	557309	40.845	nq	99
89) Benzo(k)fluoranthene	15.26	252	547187	40.792	nq	98
90) Benzo(a)pyrene	15.62	252	507608	40.430	nq	97
91) Dibenzo(a,h)anthracene	17.28	278	434159	40.076	nq	98
92) Benzo(g,h,i)perylene	17.74	276	429012	40.187	nq	97

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

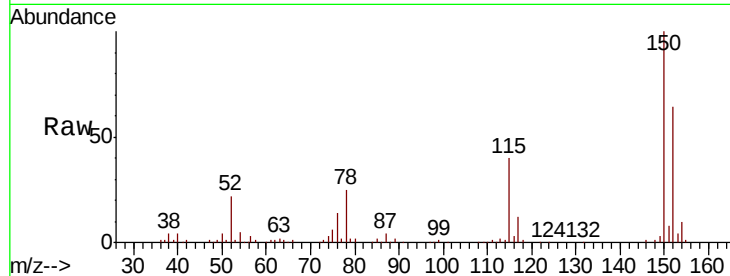


#1

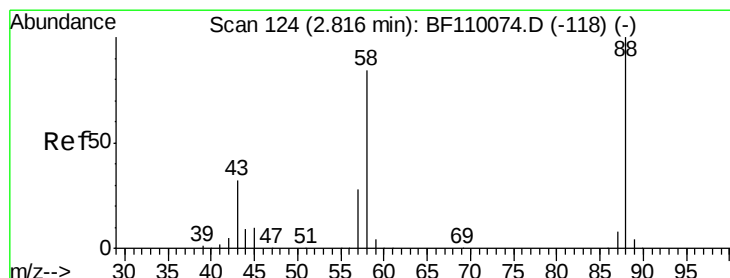
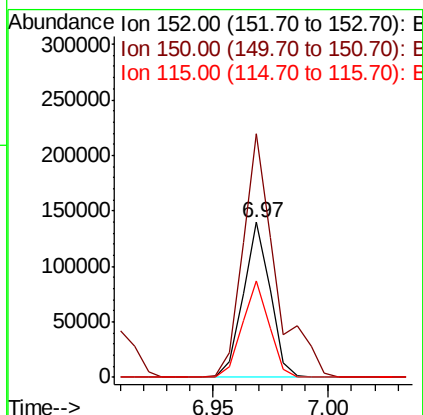
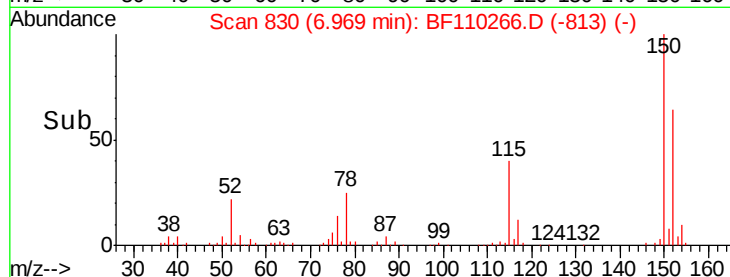
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113995
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.4 49.1 73.7



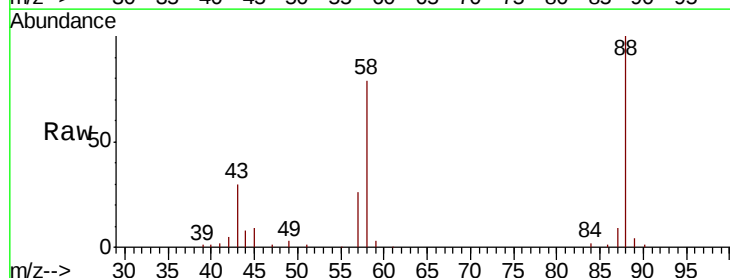
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



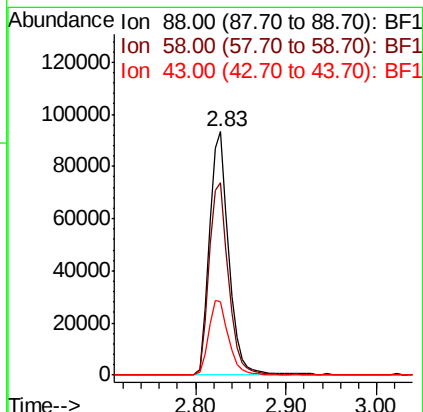
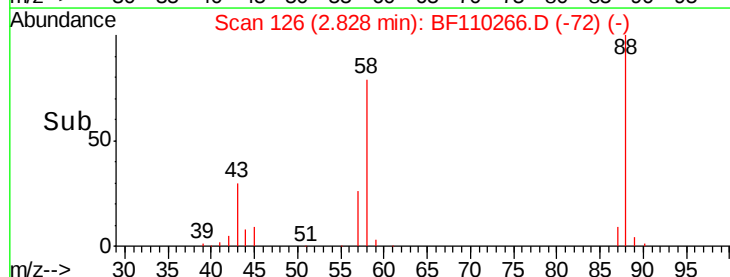
#2

1,4-Dioxane
Concen: 37.959 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.02 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion: 88 Resp: 139217
Ion Ratio Lower Upper
88 100
58 79.2 57.1 85.7
43 31.3 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: 37.514 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

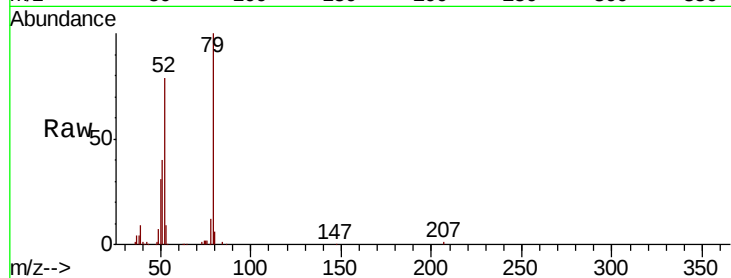
Tot Ion: 79 Resp: 306450

Ion Ratio Lower Upper

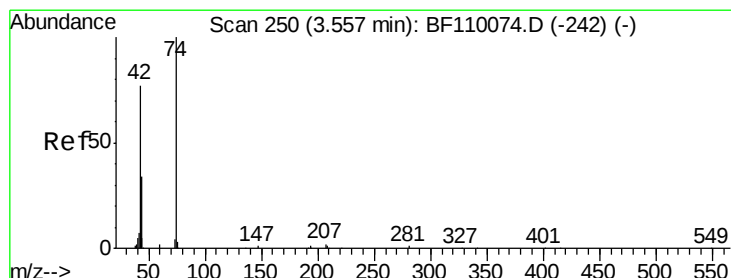
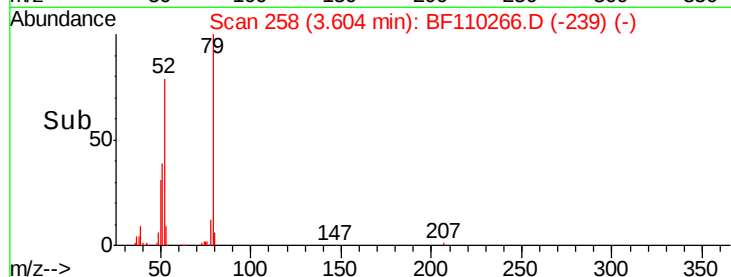
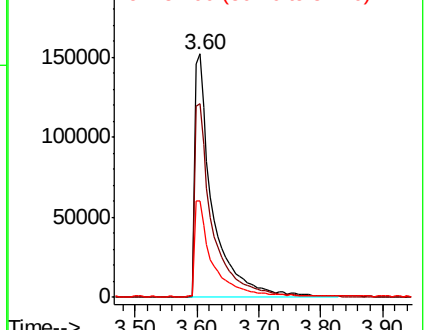
79 100

52 79.3 53.1 79.7

51 39.8 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: 39.249 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.02 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

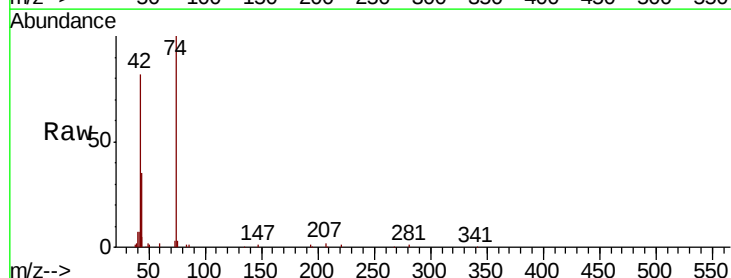
Tgt Ion: 42 Resp: 134326

Ion Ratio Lower Upper

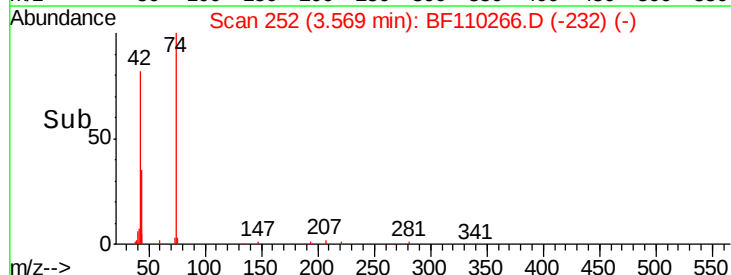
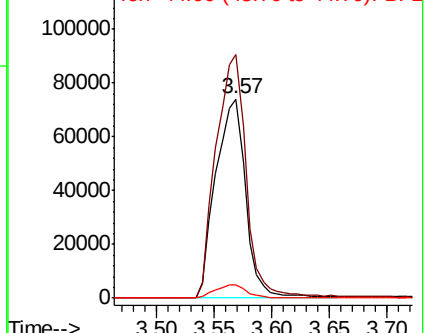
42 100

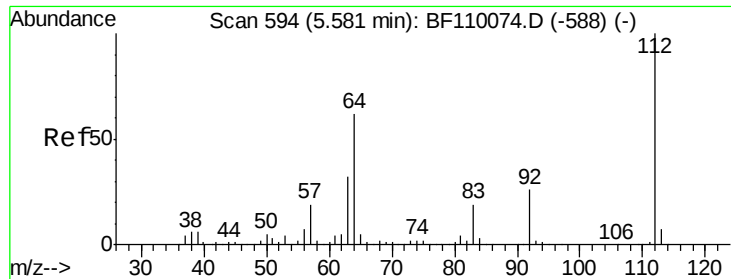
74 122.4 105.5 158.3

44 6.7 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

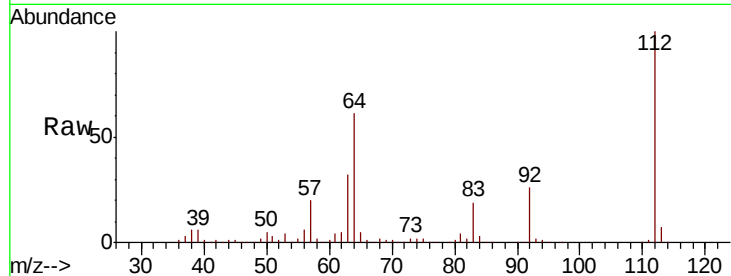




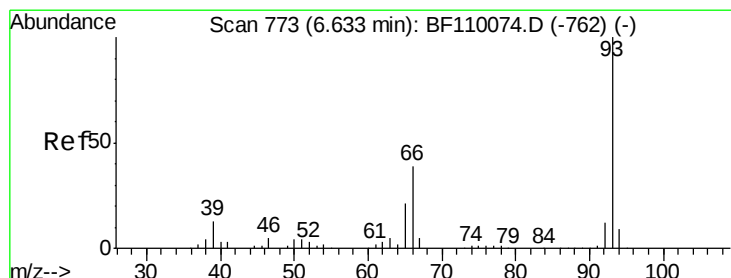
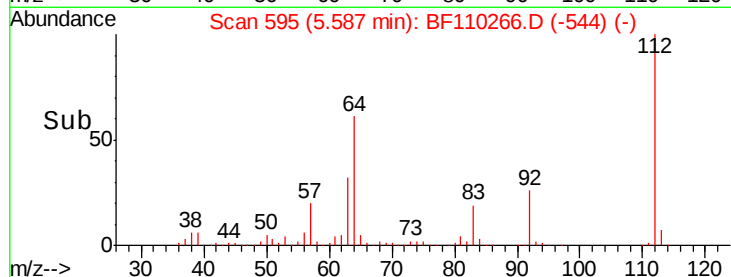
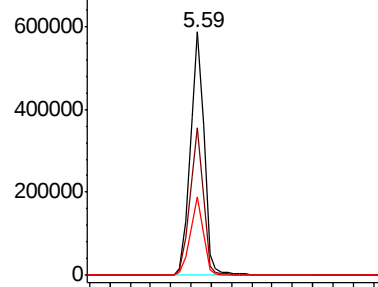
#5
2-Fluorophenol
Concen: 79.770 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 112 Resp: 558404
Ion Ratio Lower Upper
112 100
64 60.7 44.1 66.1
63 32.1 23.7 35.5

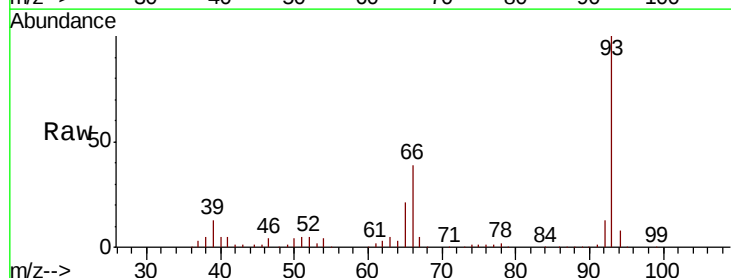


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

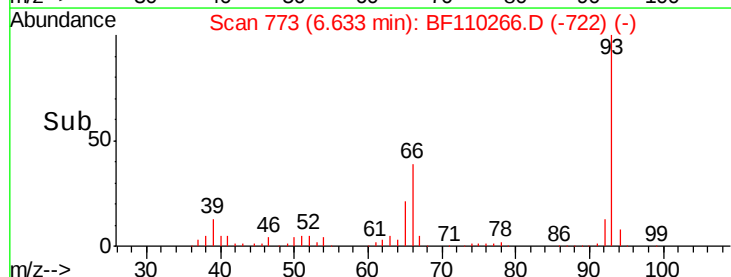
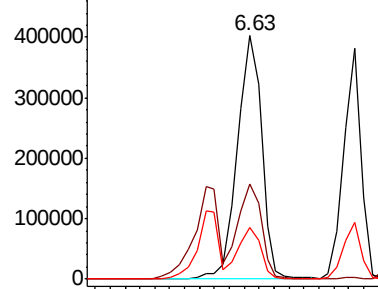


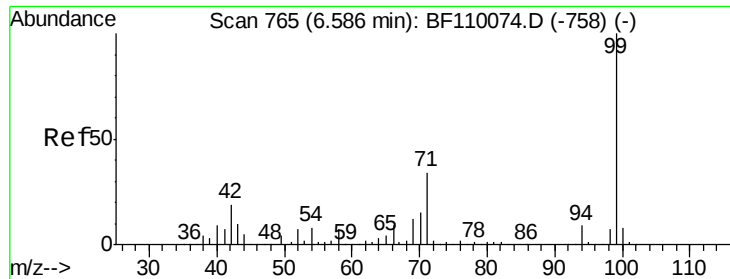
#6
Aniline
Concen: 39.030 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion: 93 Resp: 455236
Ion Ratio Lower Upper
93 100
66 39.2 67.4 101.0#
65 21.3 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: 77.660 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

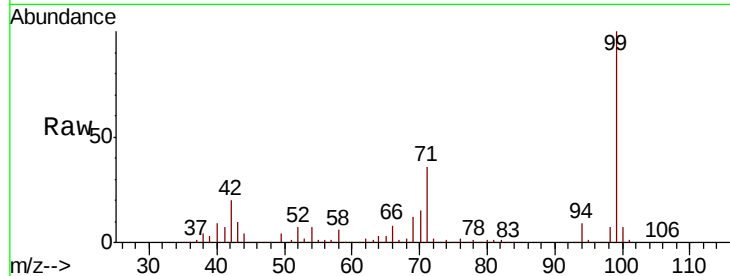
Tot Ion: 99 Resp: 695354

Ion Ratio Lower Upper

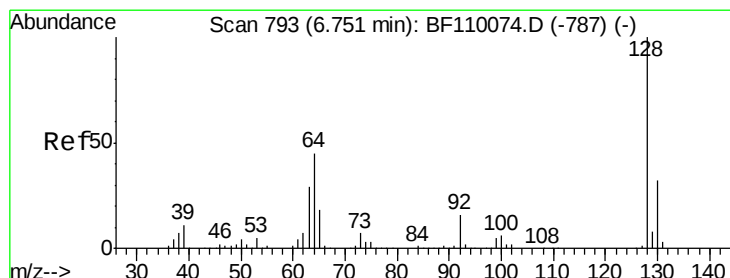
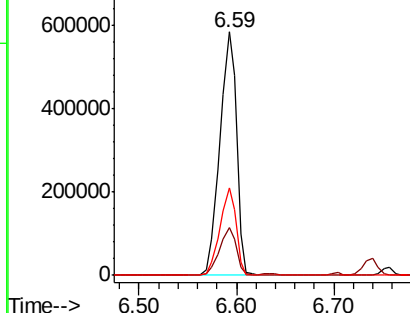
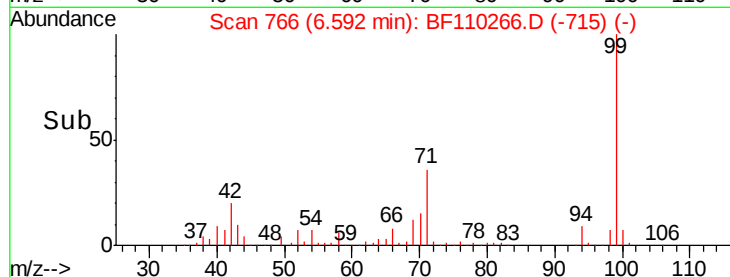
99 100

42 19.7 15.8 23.6

71 35.7 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: 40.034 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

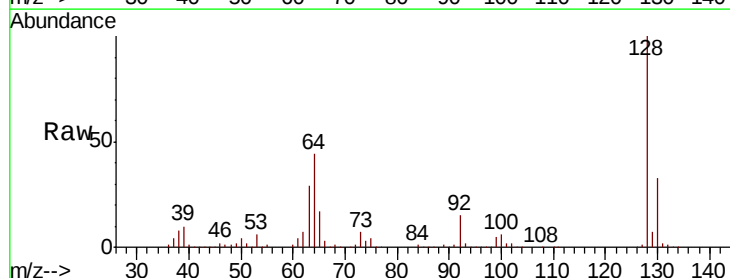
Tgt Ion: 128 Resp: 323095

Ion Ratio Lower Upper

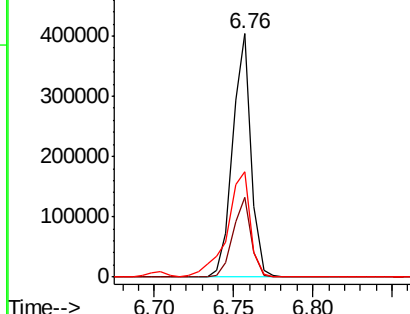
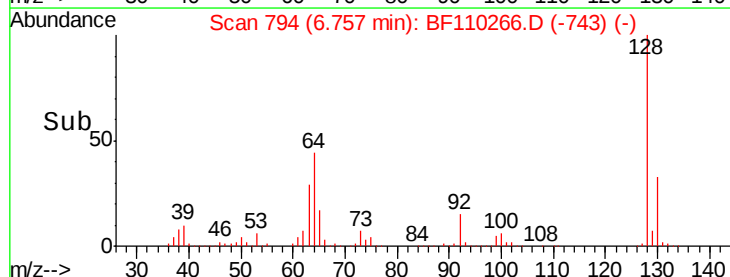
128 100

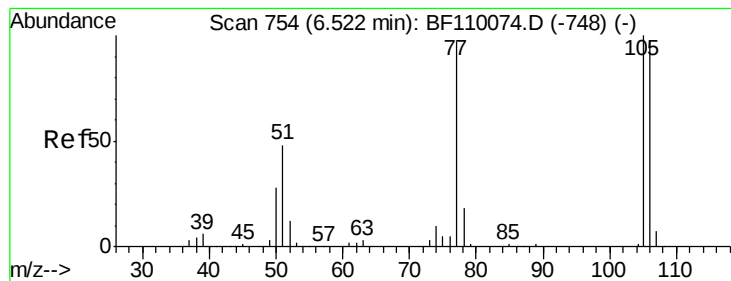
130 32.7 13.1 53.1

64 43.5 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: 36.897 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampled :

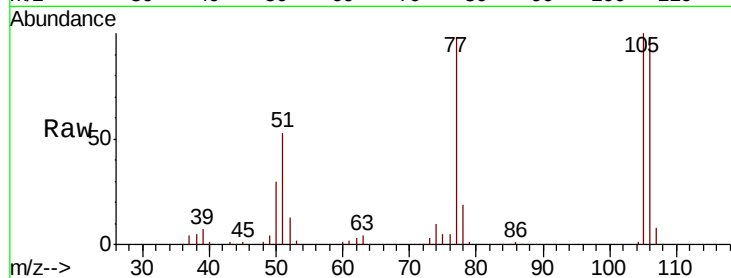
Tot Ion: 77 Resp: 196170

Ion Ratio Lower Upper

77 100

105 102.2 78.6 118.6

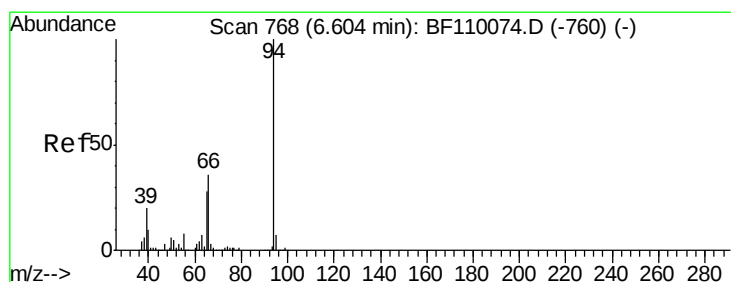
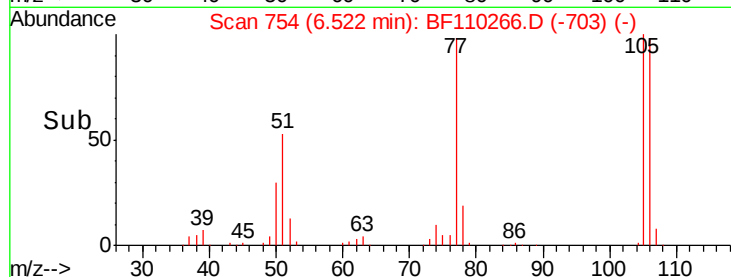
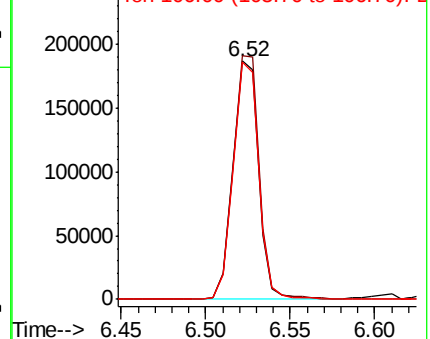
106 99.7 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.878 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

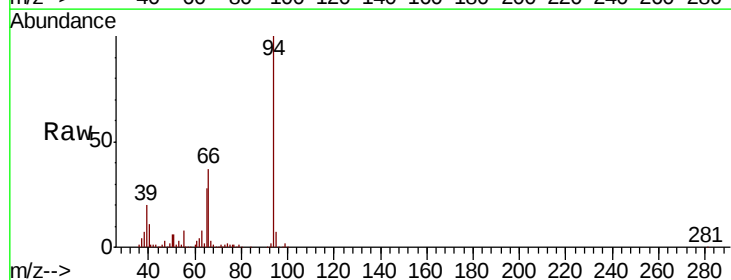
Tgt Ion: 94 Resp: 381672

Ion Ratio Lower Upper

94 100

65 28.0 25.3 65.3

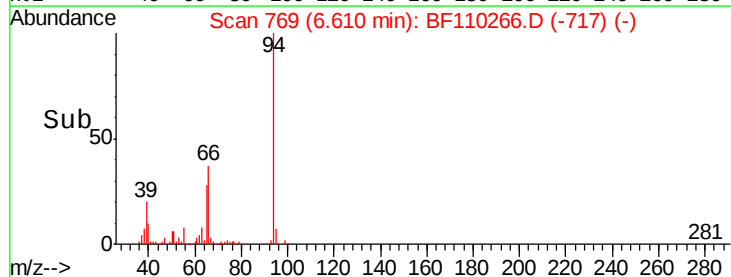
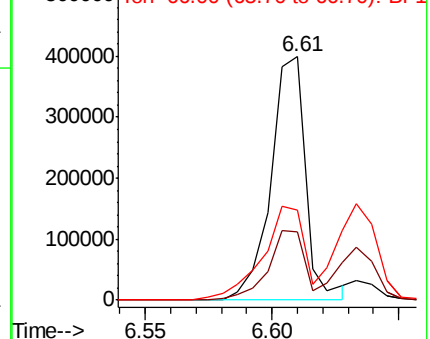
66 37.2 54.5 94.5#

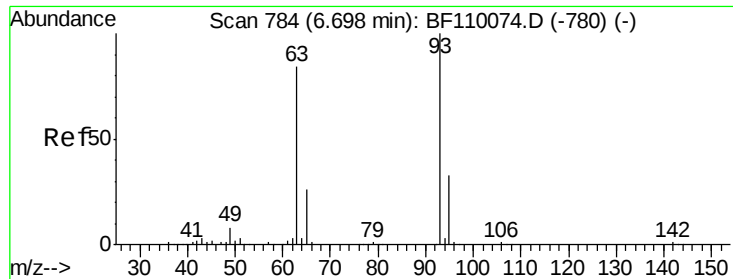


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

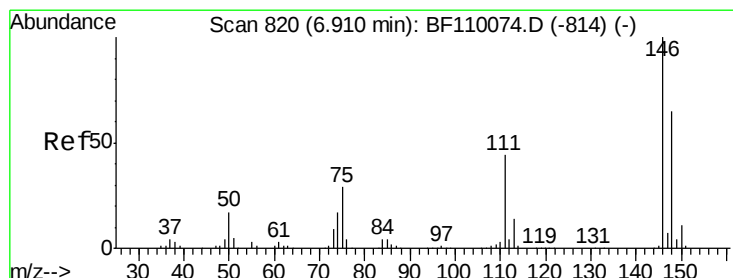
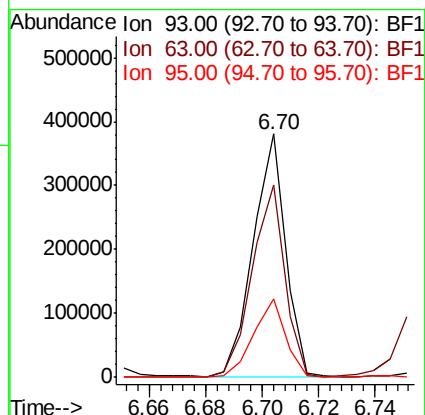
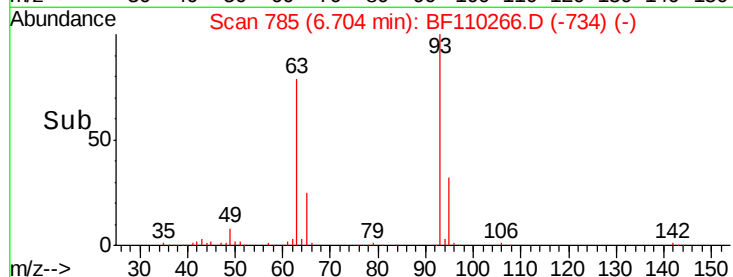
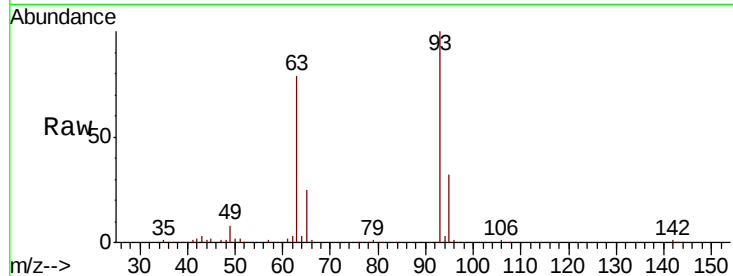




#11
bis(2-Chloroethyl)ether
Concen: 38.419 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

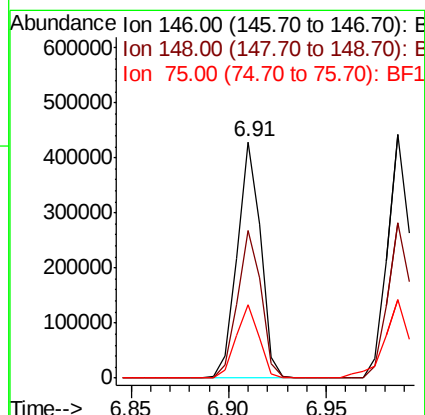
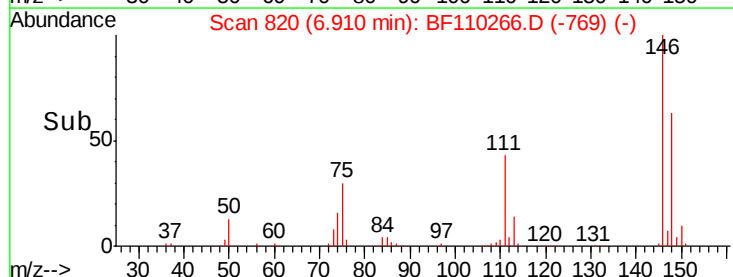
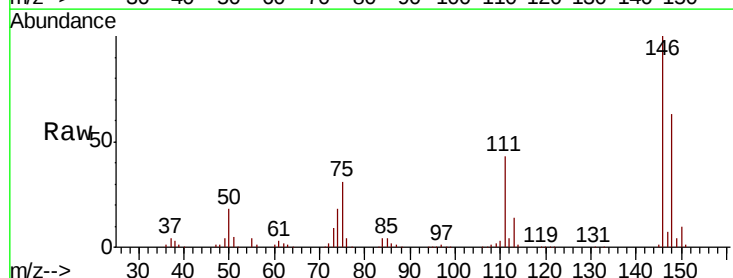
Instrument :
BNA_F
ClientSampleId :

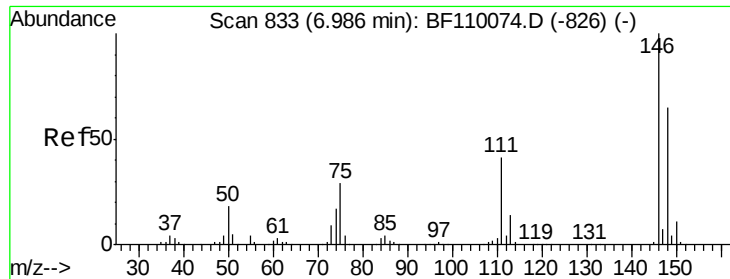
Tot Ion: 93 Resp: 302520
Ion Ratio Lower Upper
93 100
63 78.8 53.4 93.4
95 32.4 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.166 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion: 146 Resp: 356744
Ion Ratio Lower Upper
146 100
148 62.6 50.4 75.6
75 30.8 25.8 38.6

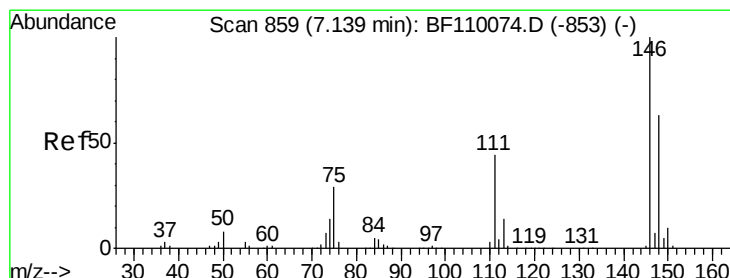
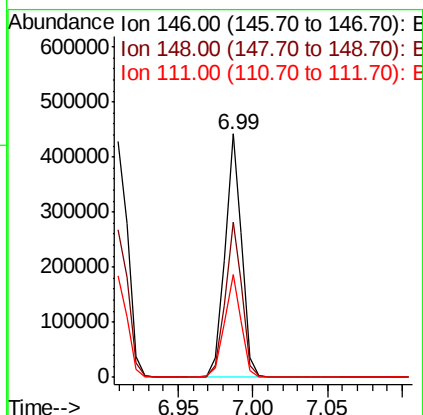
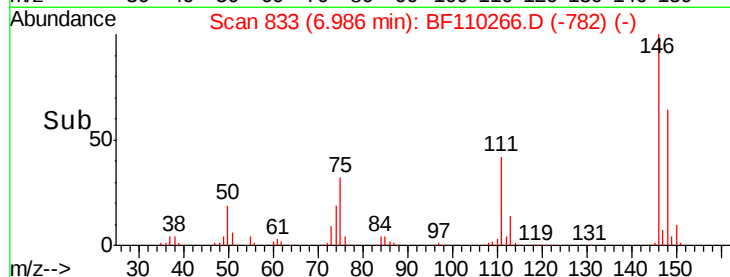
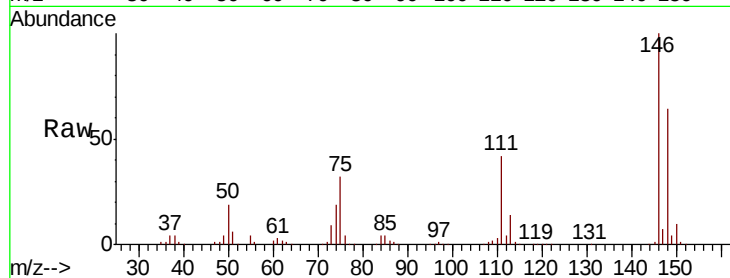




#13
 1,4-Dichlorobenzene
 Concen: 39.325 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

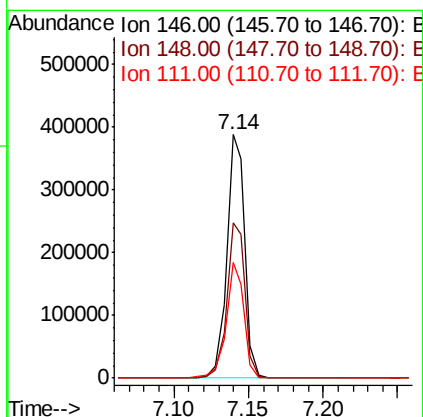
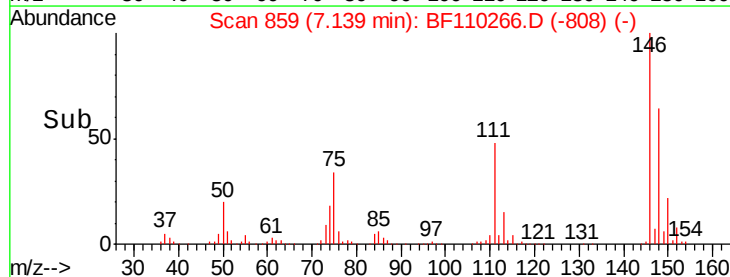
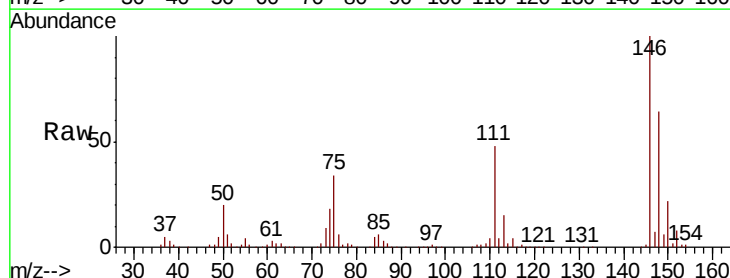
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 353242
 Ion Ratio Lower Upper
 146 100
 148 63.8 50.3 75.5
 111 42.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.705 ng
 RT: 7.14 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:146 Resp: 331092
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 47.7 35.8 53.6





#15

Benzyl Alcohol

Concen: 40.240 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

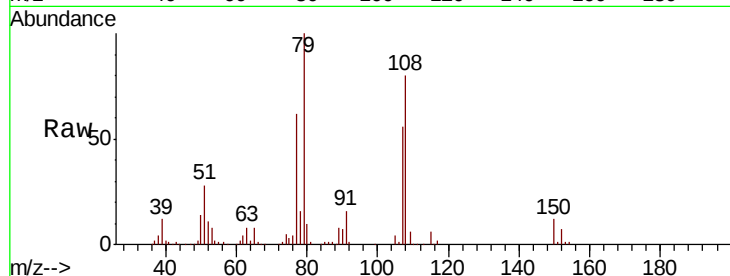
Tot Ion: 79 Resp: 277117

Ion Ratio Lower Upper

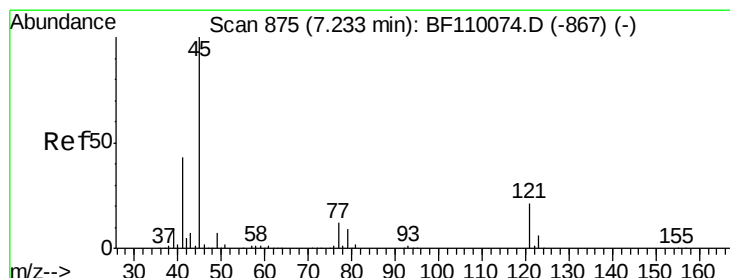
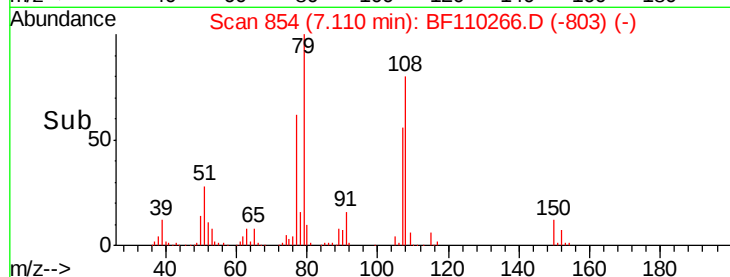
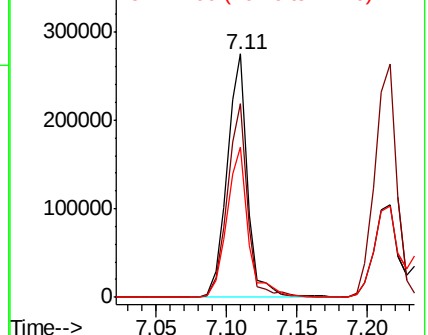
79 100

108 79.6 56.3 84.5

77 61.5 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: 37.706 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

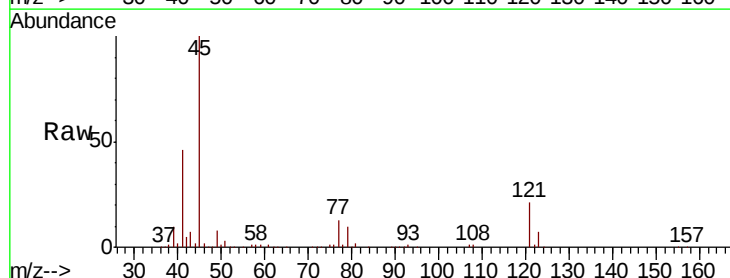
Tgt Ion: 45 Resp: 474715

Ion Ratio Lower Upper

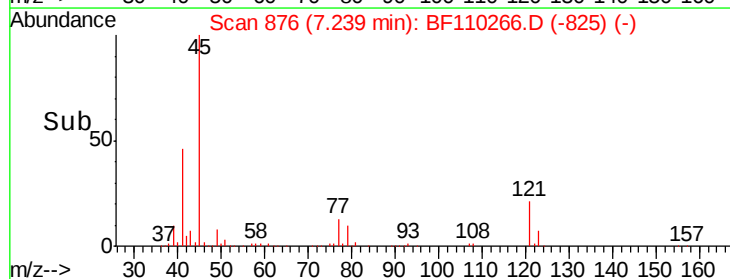
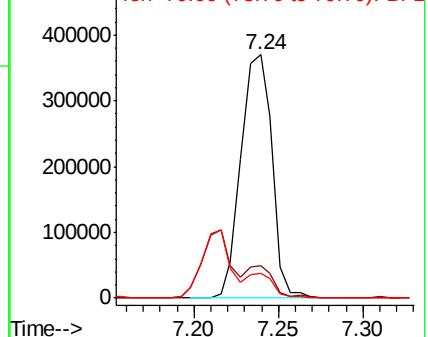
45 100

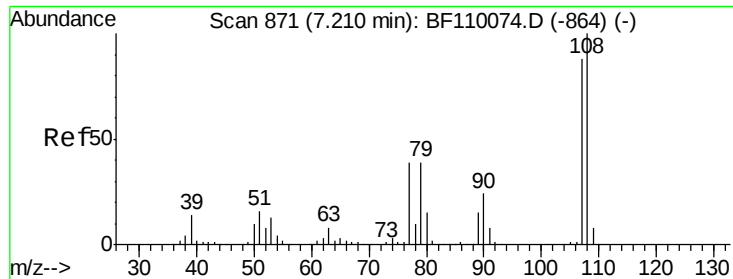
77 13.3 10.0 50.0

79 10.2 6.1 46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

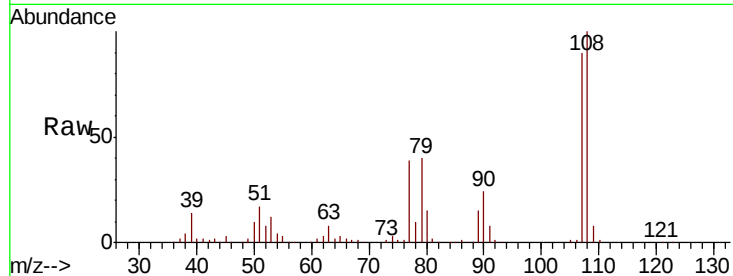




#17
2-Methylphenol
Concen: 39.267 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.7	92.6	138.8
77	44.1	59.4	89.2#
79	44.5	54.0	81.0#



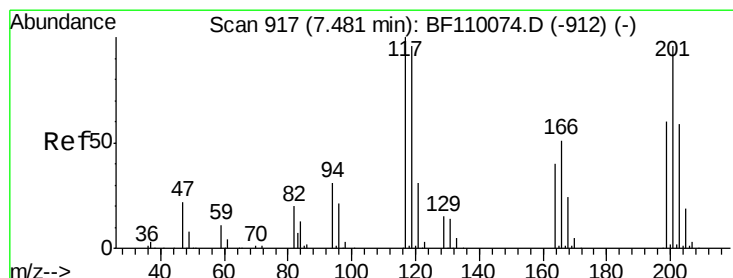
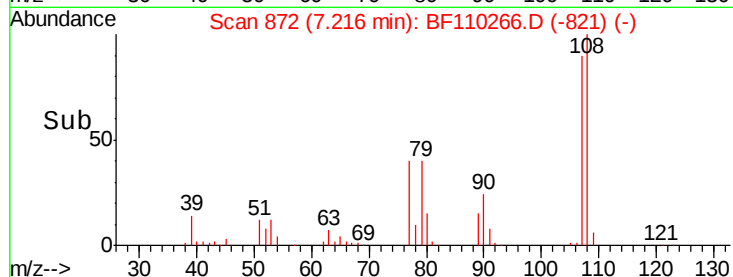
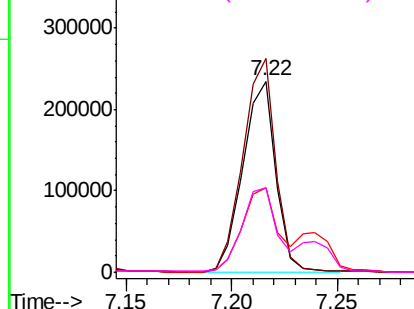
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

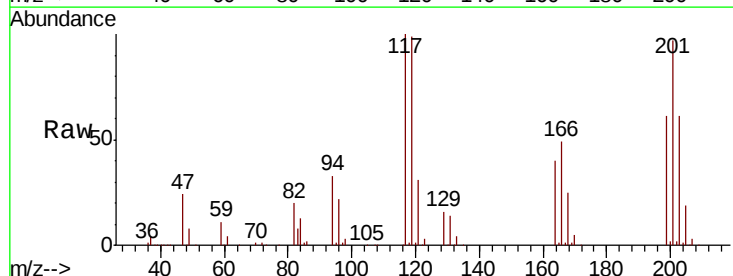
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.611 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.0	112.6
201	96.9	79.2	118.8

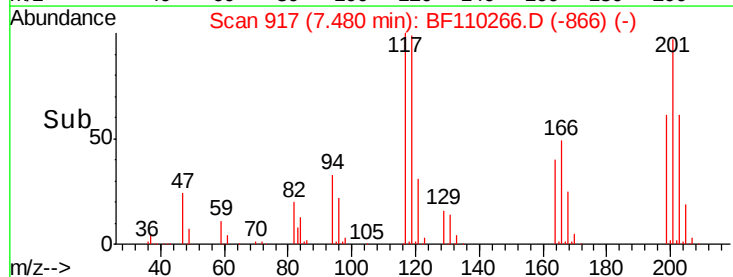
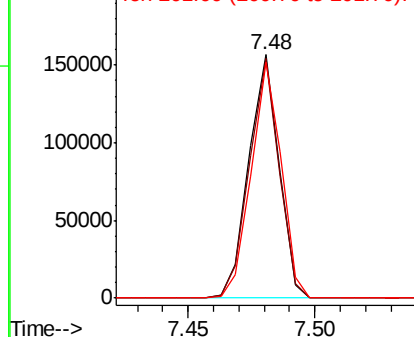


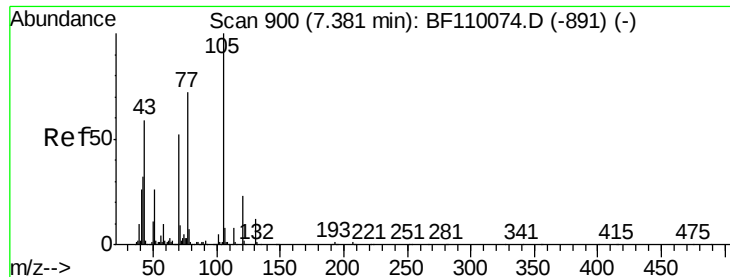
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

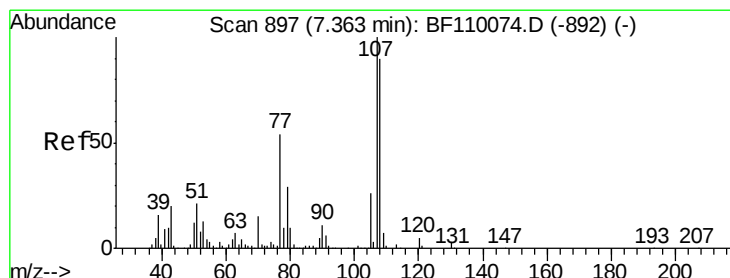
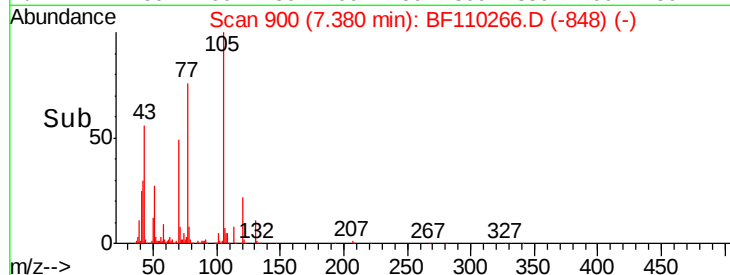
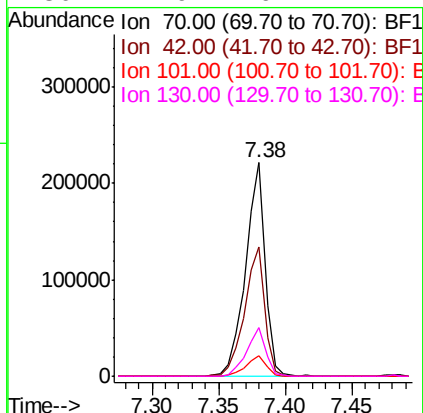
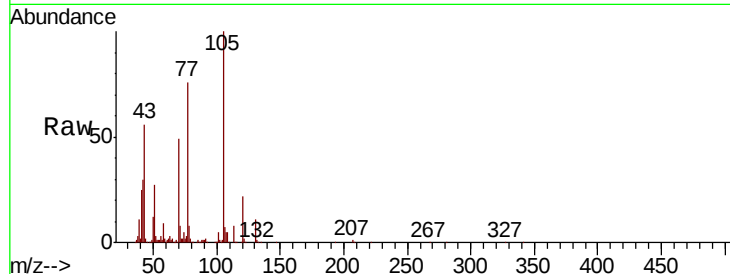




#19
n-Nitroso-di-n-propylamine
Concen: 38.865 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

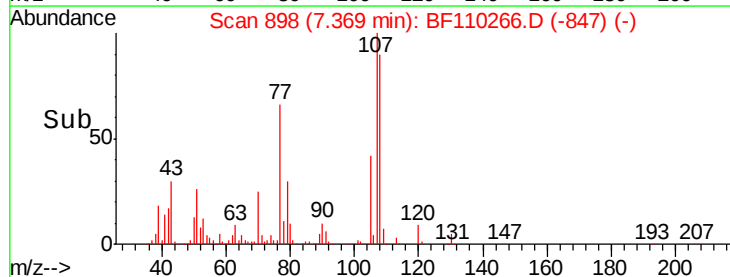
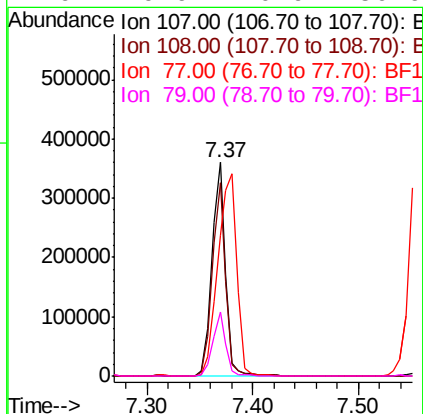
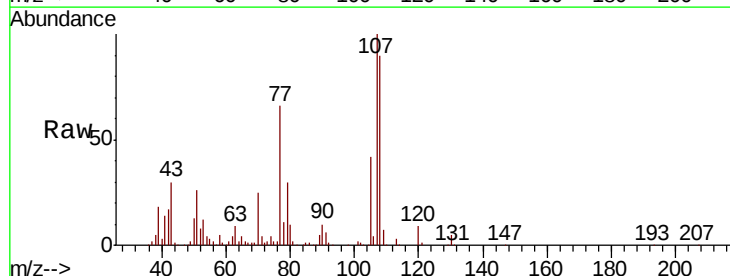
Instrument :
BNA_F
ClientSampleId :

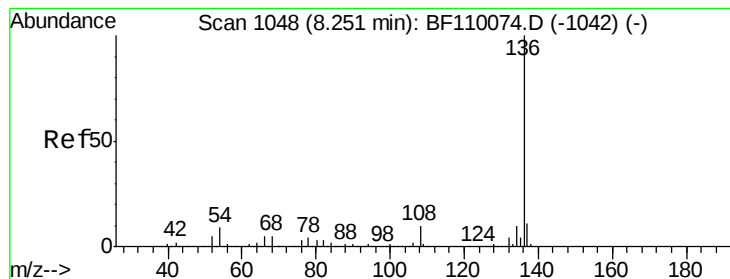
Tot Ion:	70	Resp:	223250
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.4	71.2
101	9.7	7.3	10.9
130	22.9	16.2	24.2



#20
3+4-Methylphenols
Concen: 39.672 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:	107	Resp:	329838
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.4	111.4
77	65.9	47.3	87.3
79	29.9	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 475667

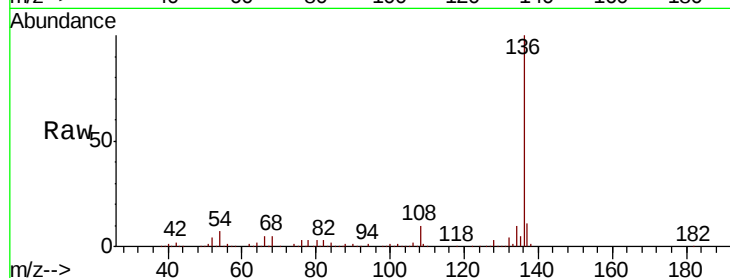
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.3 5.4 8.2

68 5.0 4.2 6.2

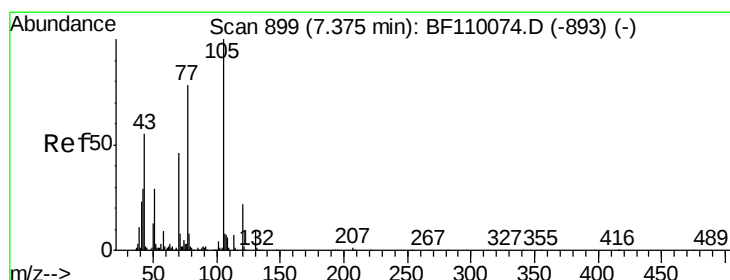
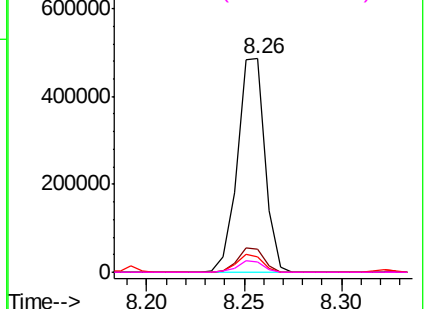
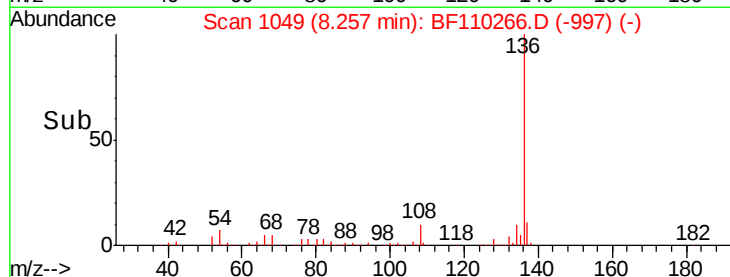


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.717 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Tgt Ion:105 Resp: 435318

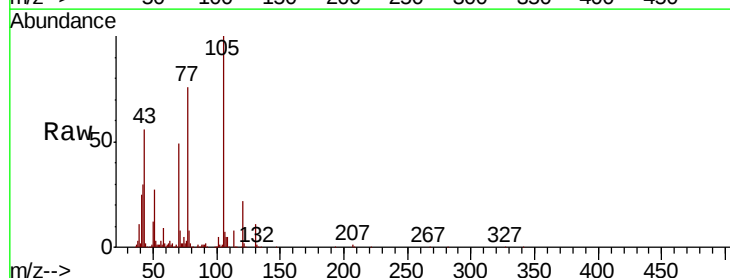
Ion Ratio Lower Upper

105 100

71 8.0 5.2 7.8#

51 27.4 21.8 32.8

120 22.0 17.0 25.4

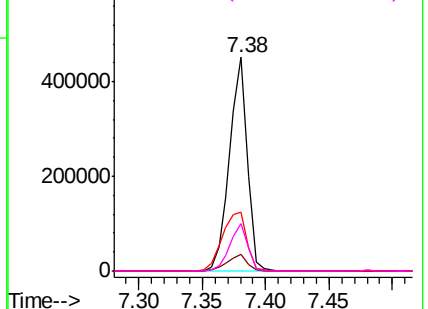
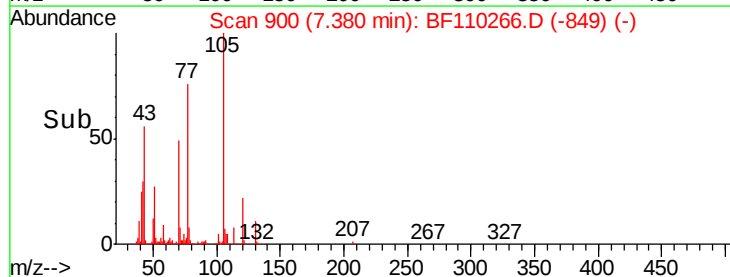


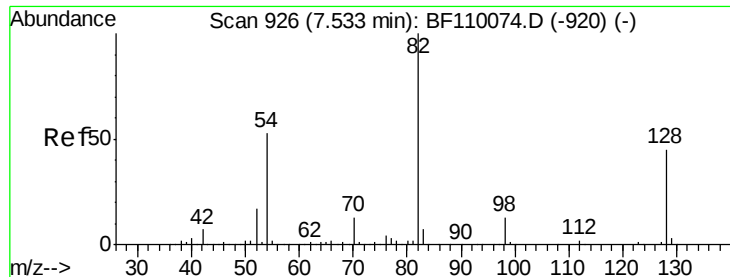
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

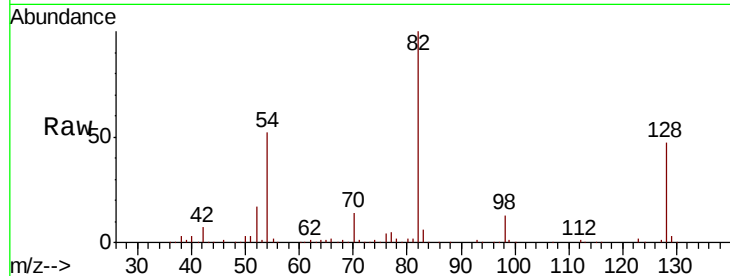




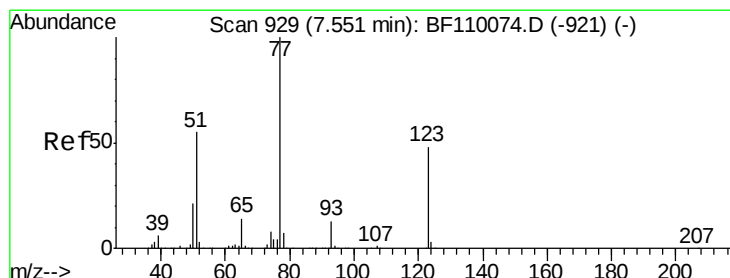
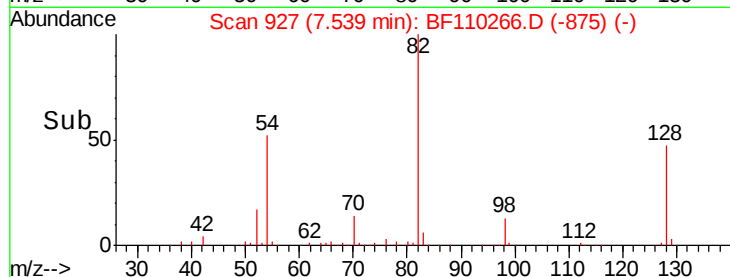
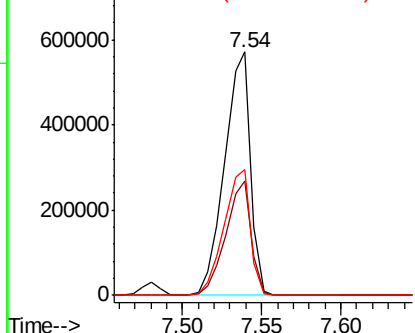
#23
Nitrobenzene-d5
Concen: 80.560 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	646054
Ion Ratio	100	Lower	Upper
128	46.7	34.2	51.2
54	51.9	38.6	58.0

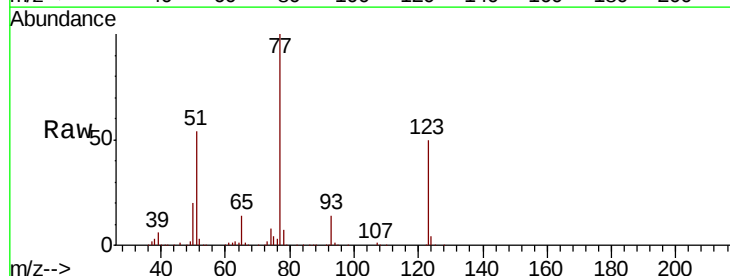


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

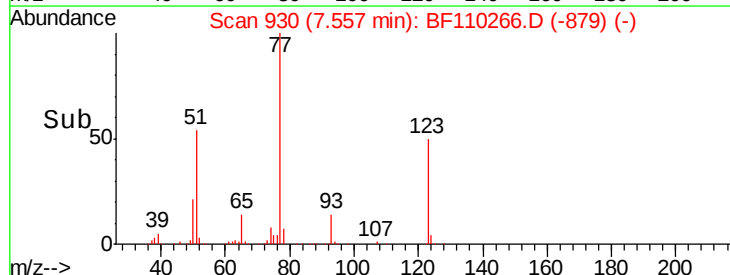
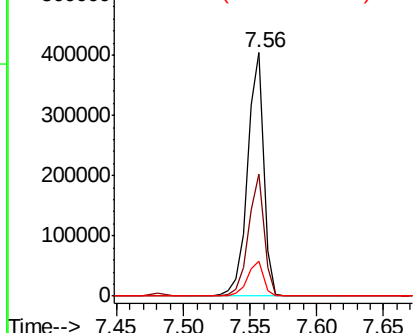


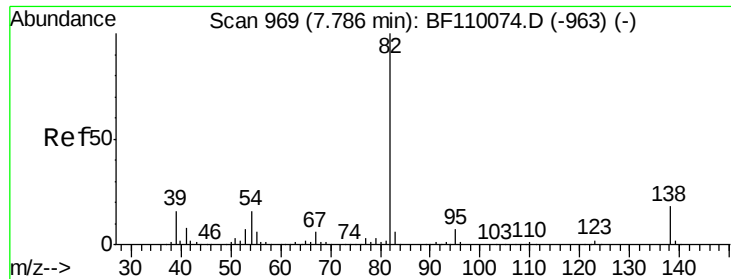
#24
Nitrobenzene
Concen: 40.357 ng
RT: 7.56 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	77	Resp	334142
Ion Ratio	100	Lower	Upper
123	50.3	35.7	53.5
65	14.2	10.7	16.1



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

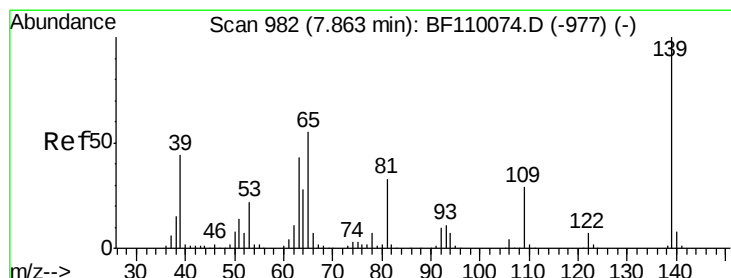
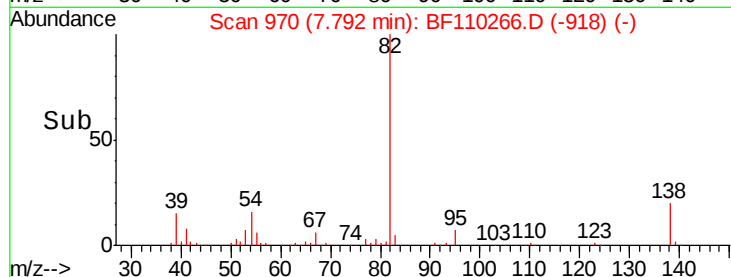
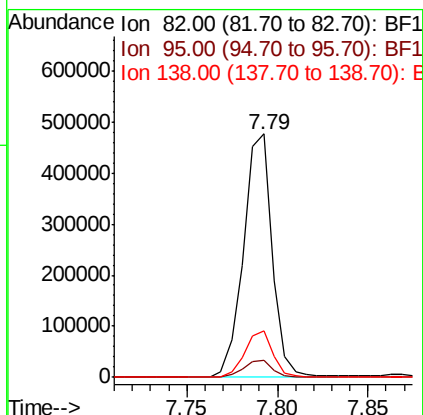
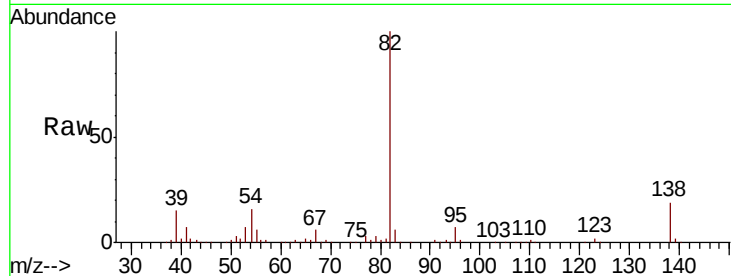




#25
Isophorone
Concen: 38.368 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

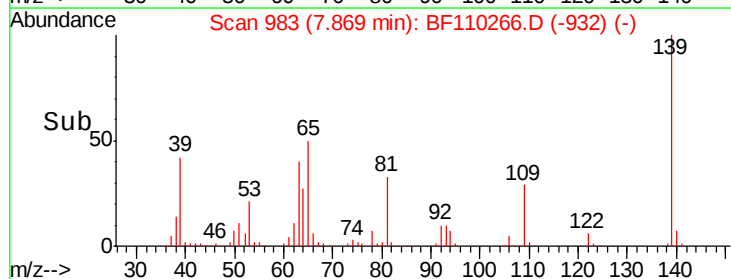
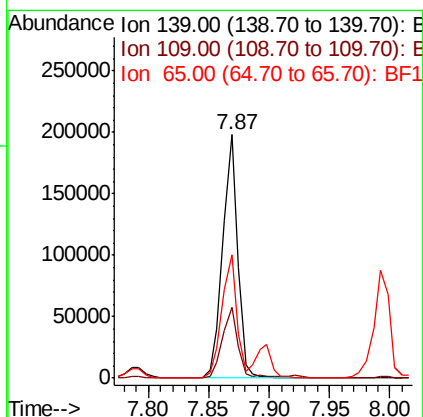
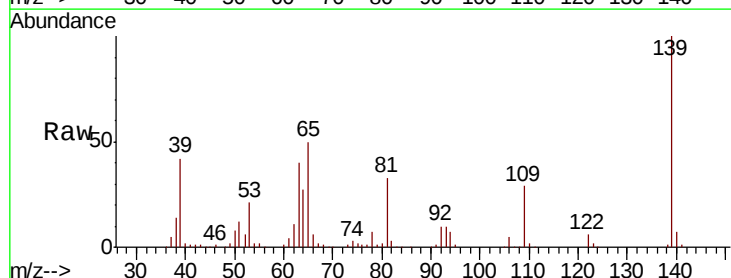
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 524505
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.3 13.2 19.8



#26
2-Nitrophenol
Concen: 43.272 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion: 139 Resp: 170492
Ion Ratio Lower Upper
139 100
109 29.3 25.0 37.6
65 50.4 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 38.638 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

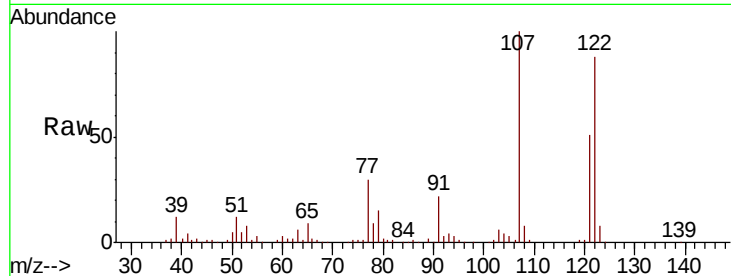
Tot Ion:122 Resp: 252393

Ion Ratio Lower Upper

122 100

107 113.8 92.5 138.7

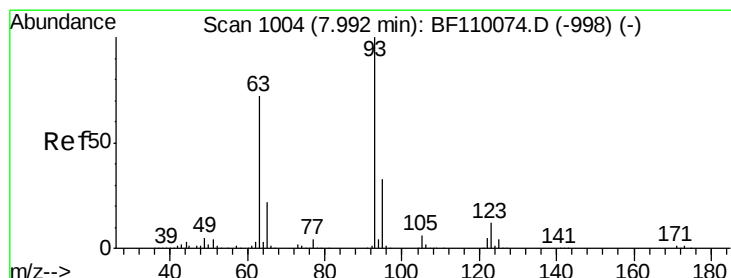
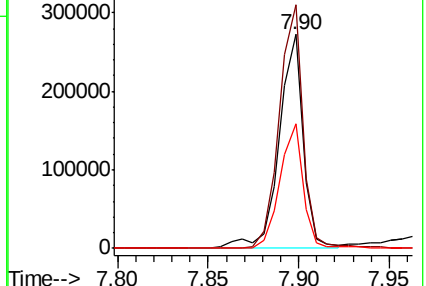
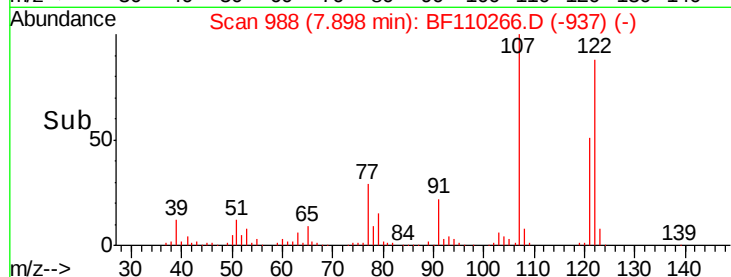
121 58.2 45.8 68.8



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



#28

bis(2-Chloroethoxy)methane

Concen: 38.487 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

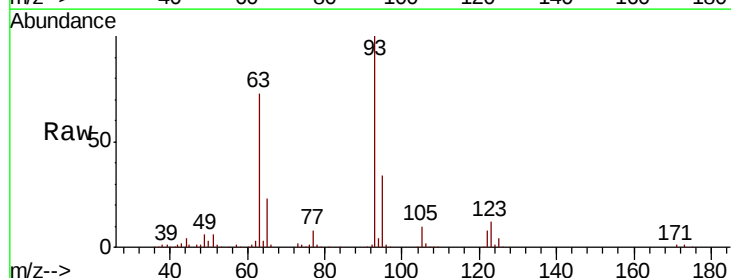
Tgt Ion: 93 Resp: 357415

Ion Ratio Lower Upper

93 100

95 33.7 26.4 39.6

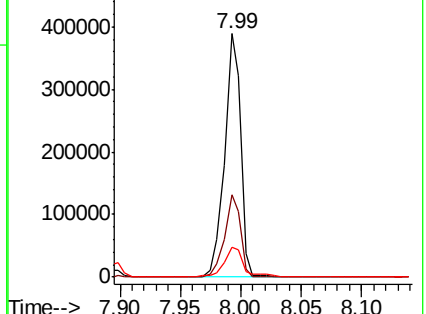
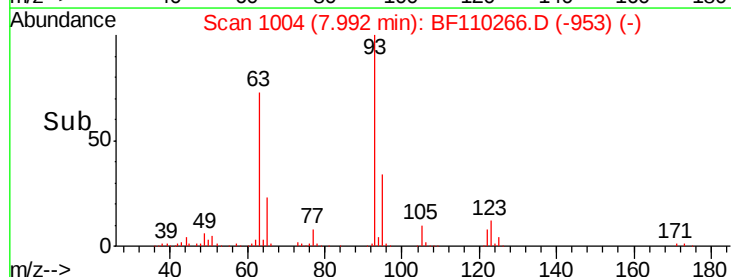
123 12.3 9.0 13.6

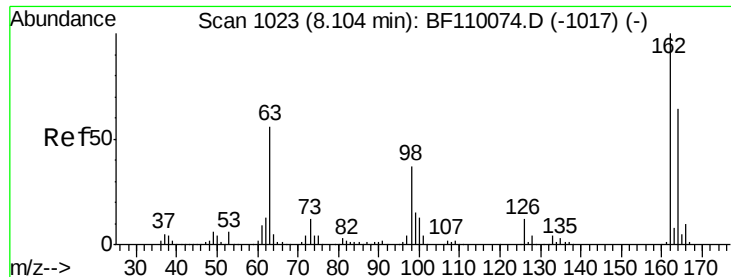


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

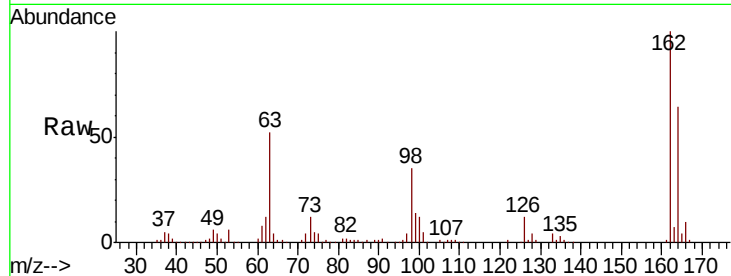




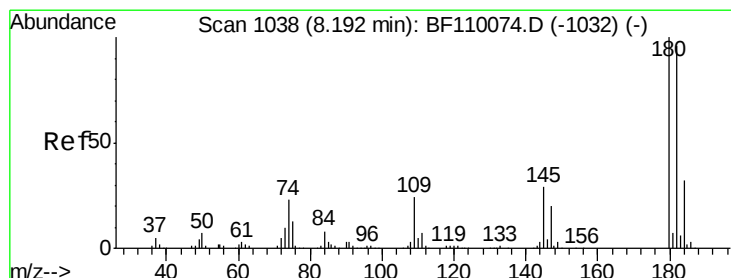
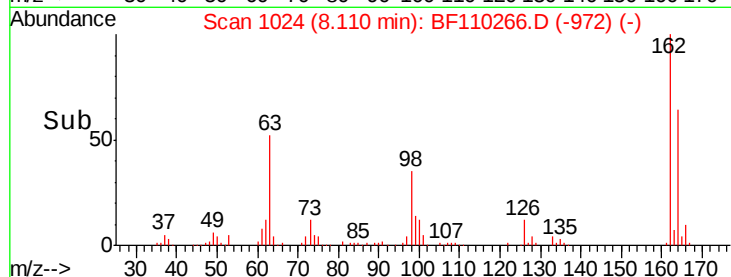
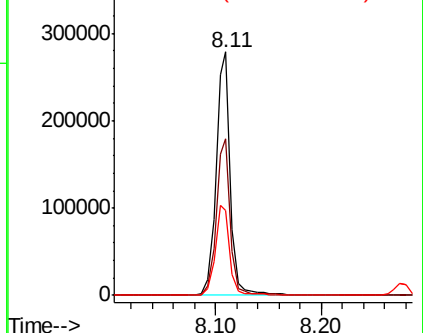
#29
 2,4-Dichlorophenol
 Concen: 40.528 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 267464
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.6 84.6
 98 34.8 17.4 57.4

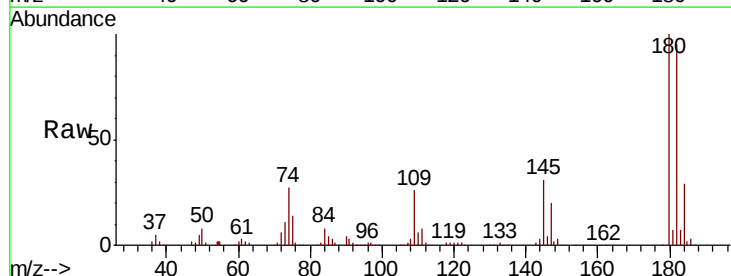


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

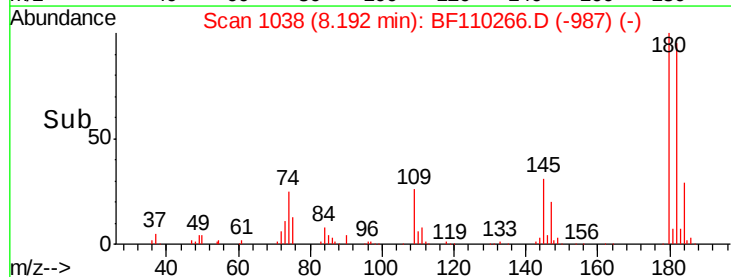
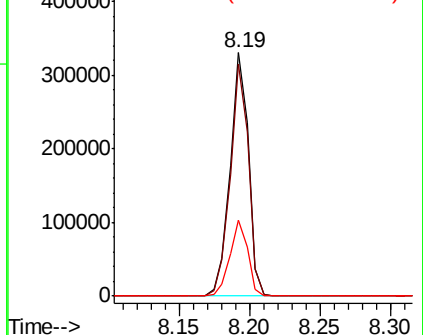


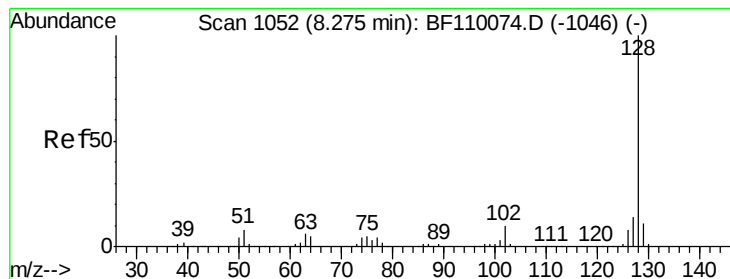
#30
 1,2,4-Trichlorobenzene
 Concen: 40.570 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:180 Resp: 299905
 Ion Ratio Lower Upper
 180 100
 182 95.2 80.3 120.5
 145 31.2 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.774 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

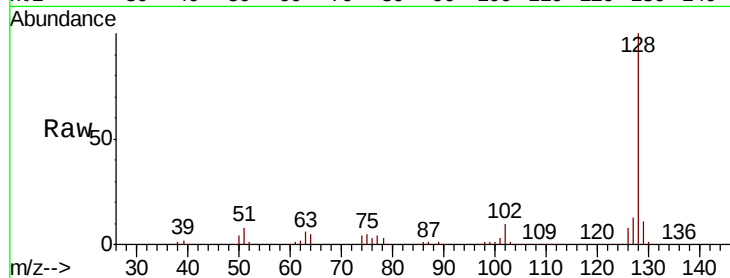
Tot Ion:128 Resp: 871956

Ion Ratio Lower Upper

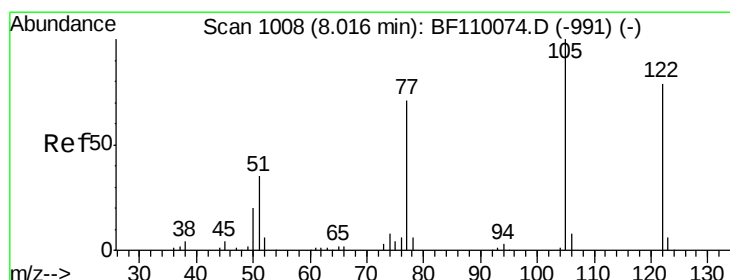
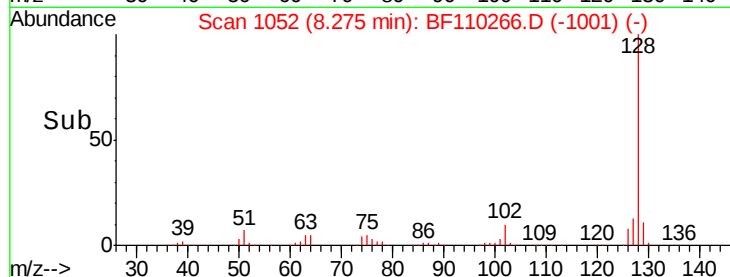
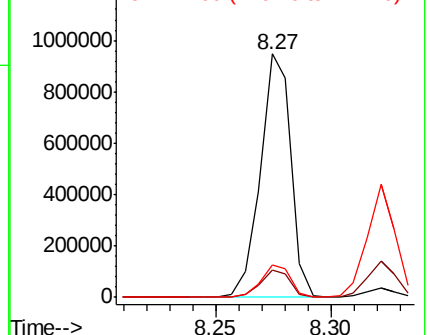
128 100

129 11.4 8.8 13.2

127 13.5 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: 29.947 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

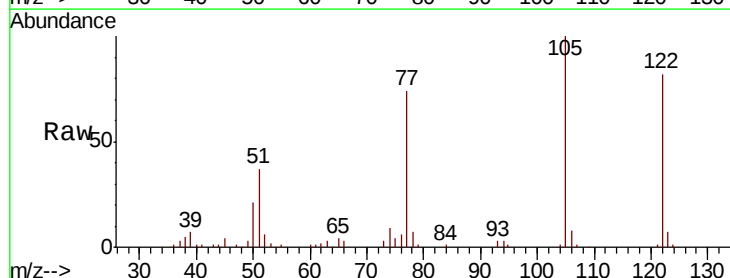
Tgt Ion:122 Resp: 151192

Ion Ratio Lower Upper

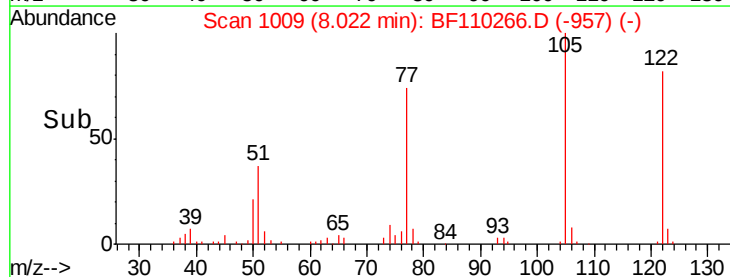
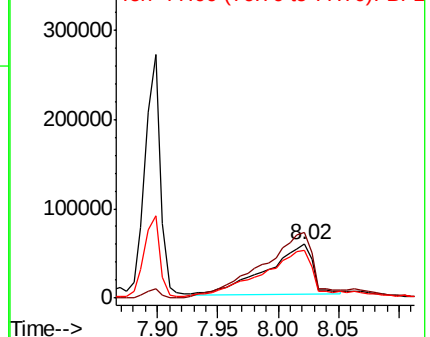
122 100

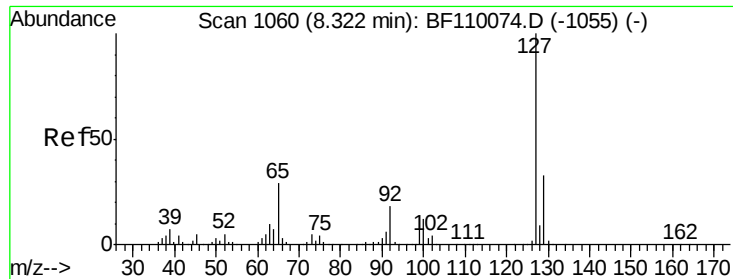
105 121.5 109.0 149.0

77 89.4 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

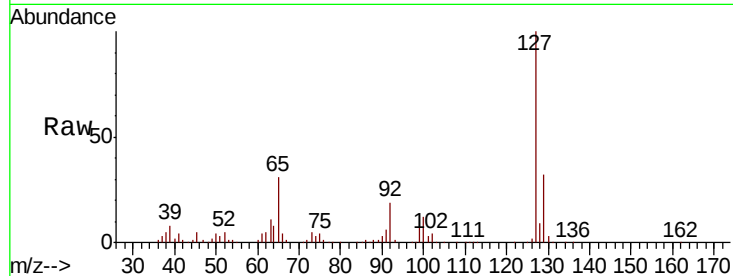




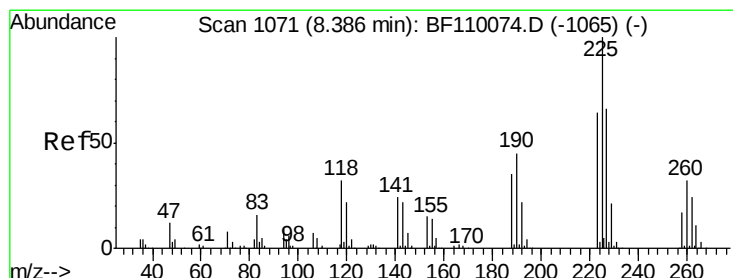
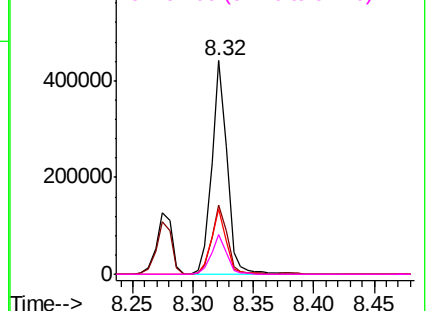
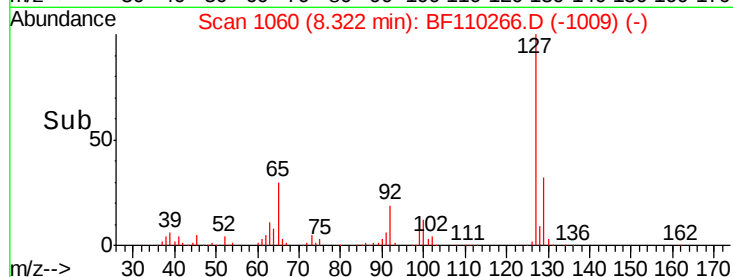
#33
4-Chloroaniline
Concen: 39.198 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	386747
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	30.9	25.1	37.7
92	18.7	15.0	22.6

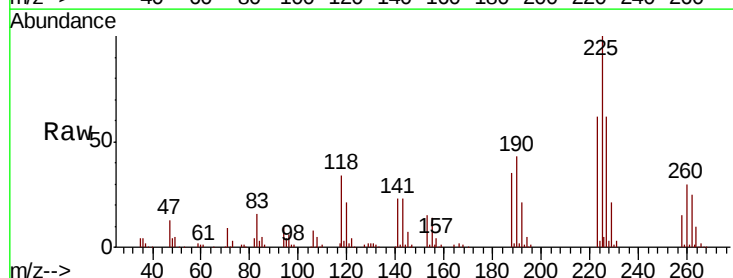


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

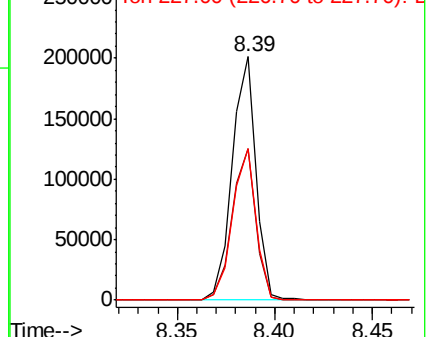
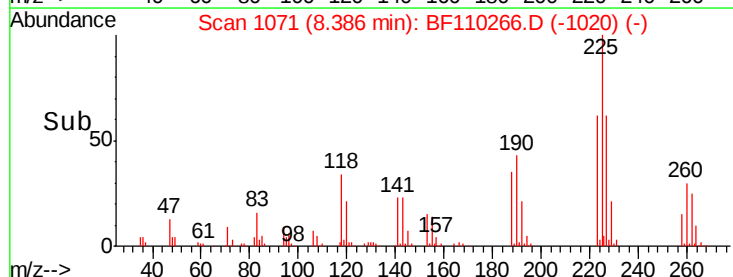


#34
Hexachlorobutadiene
Concen: 41.407 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:	225	Resp:	169952
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	62.0	51.0	76.6



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

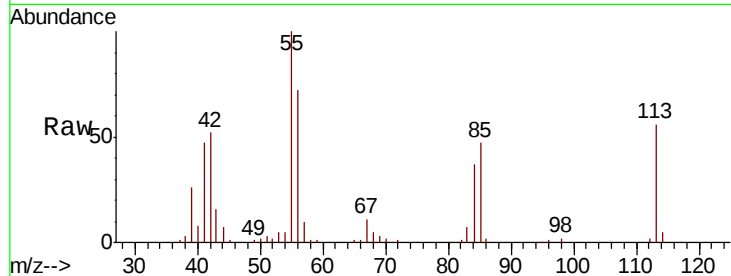




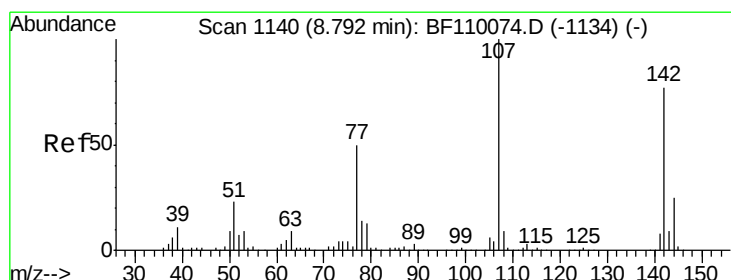
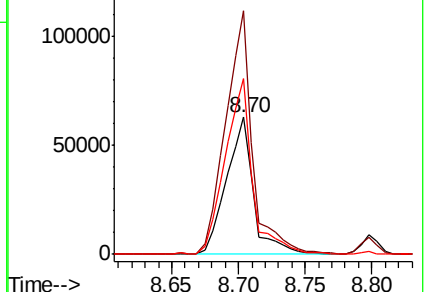
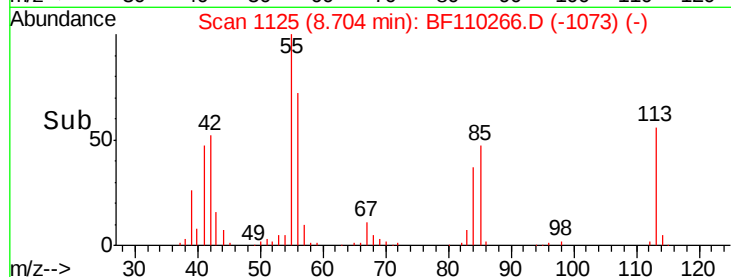
#35
Caprolactam
Concen: 39.039 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 89799
Ion Ratio Lower Upper
113 100
55 177.8 142.8 182.8
56 128.1 105.0 145.0

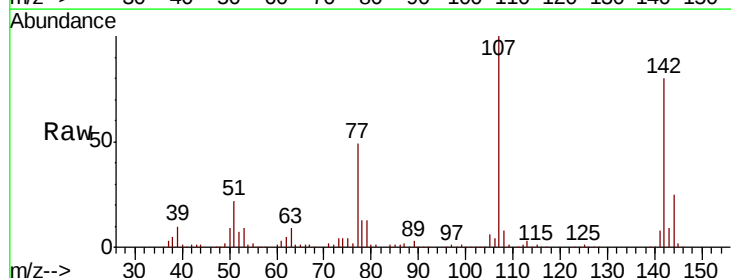


Abundance Ion 113.00 (112.70 to 113.70): E
150000 Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

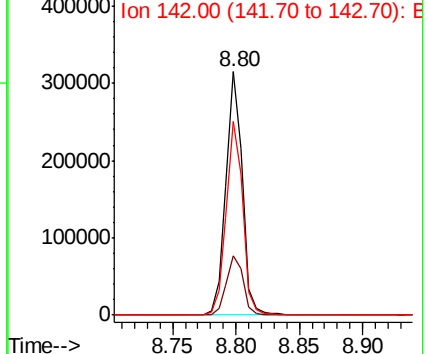
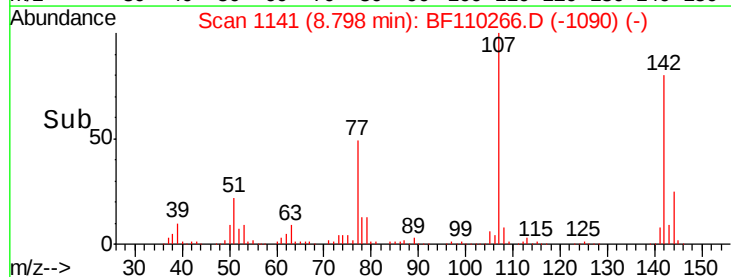


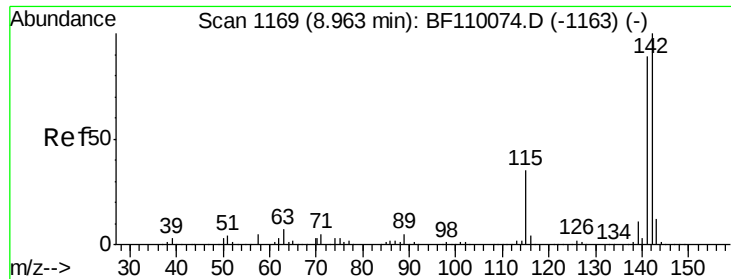
#36
4-Chloro-3-methylphenol
Concen: 39.601 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:107 Resp: 282610
Ion Ratio Lower Upper
107 100
144 24.6 20.0 30.0
142 79.7 59.7 89.5



Abundance Ion 107.00 (106.70 to 107.70): E
400000 Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

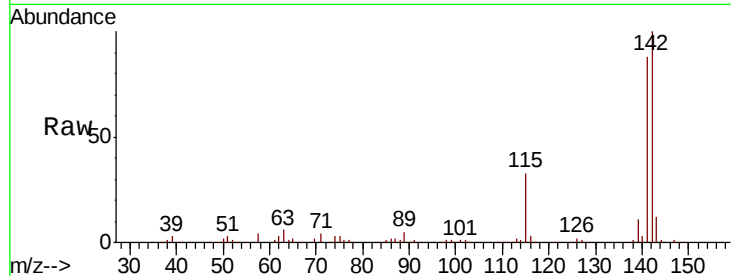




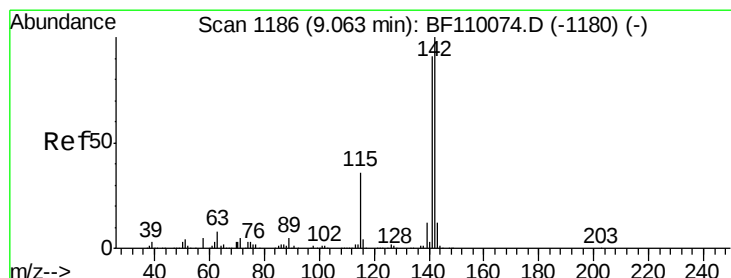
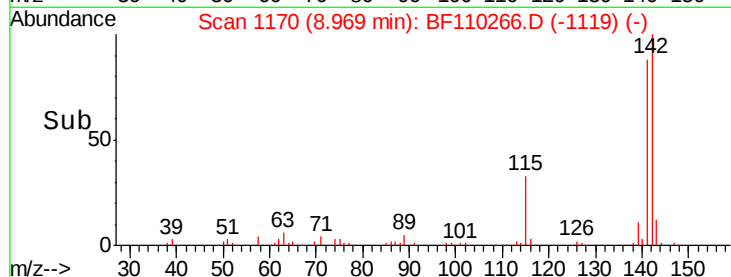
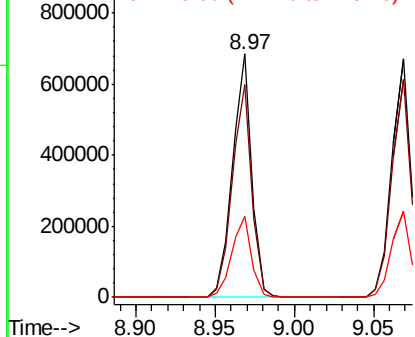
#37
2-Methylnaphthalene
Concen: 39.755 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.4	107.2
115	33.4	28.7	43.1

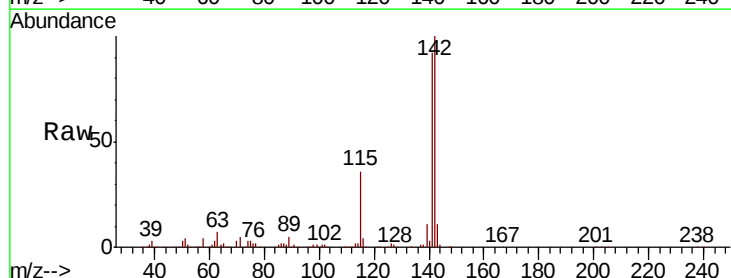


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

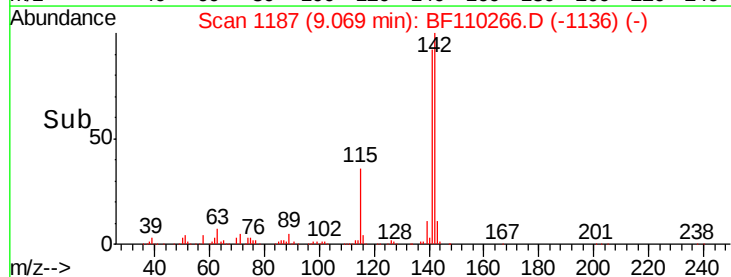
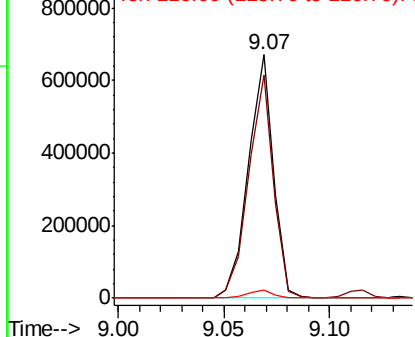


#38
1-Methylnaphthalene
Concen: 39.563 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.2	111.4
116	3.5	2.6	4.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

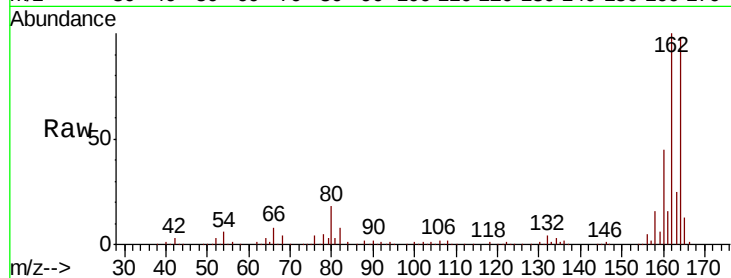
Tot Ion:164 Resp: 225973

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.6

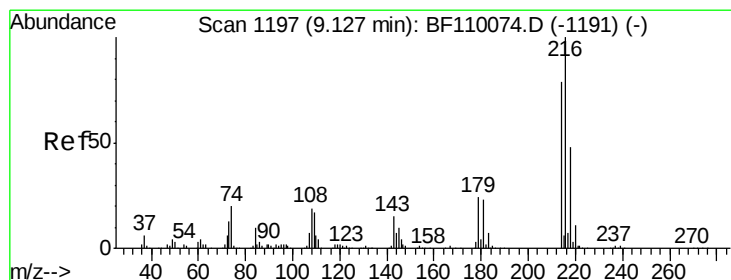
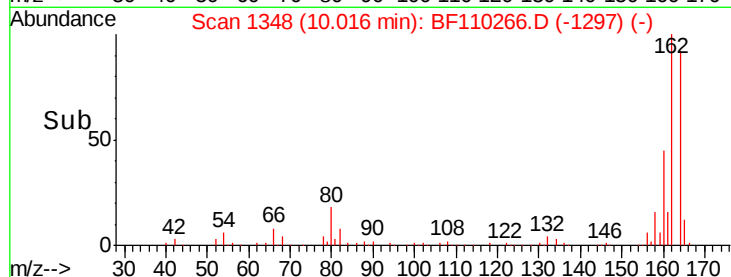
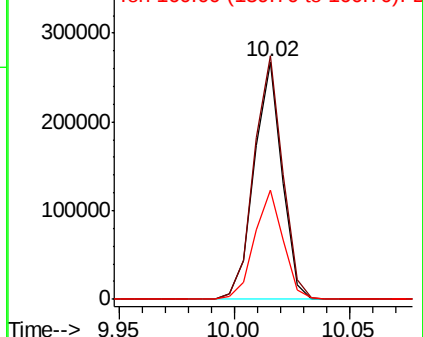
160 46.2 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.383 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Tgt Ion:216 Resp: 284332

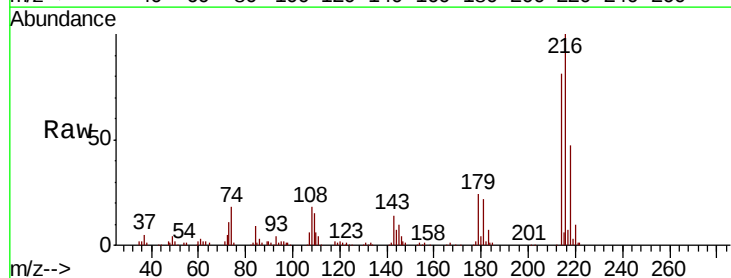
Ion Ratio Lower Upper

216 100

214 79.8 63.8 95.6

179 23.1 16.6 25.0

108 19.7 15.1 22.7

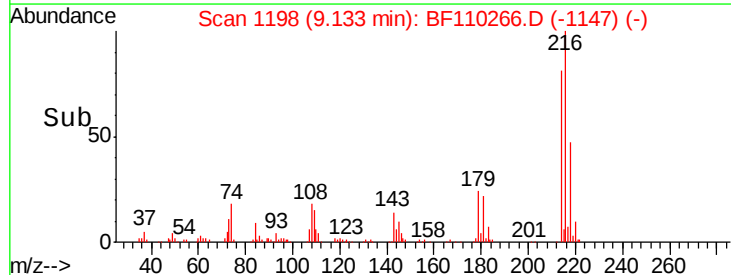
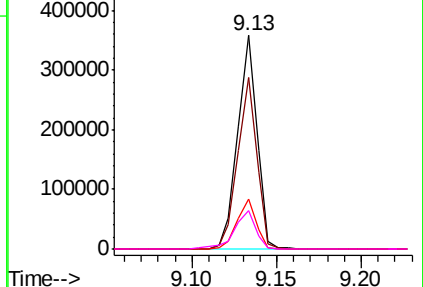


Abundance Ion 216.00 (215.70 to 216.70): E

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: 35.227 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

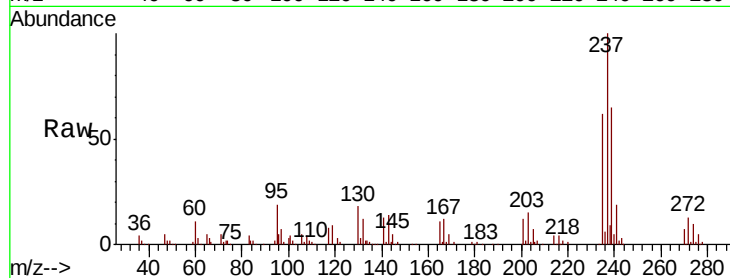
Tot Ion:237 Resp: 126824

Ion Ratio Lower Upper

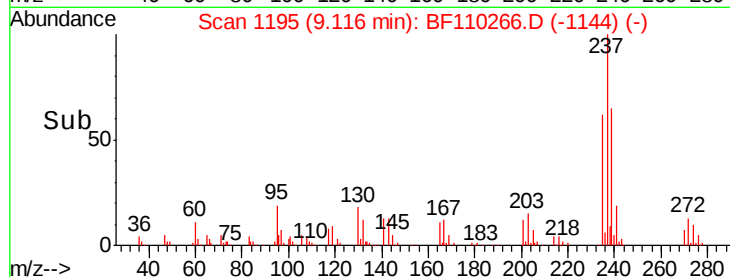
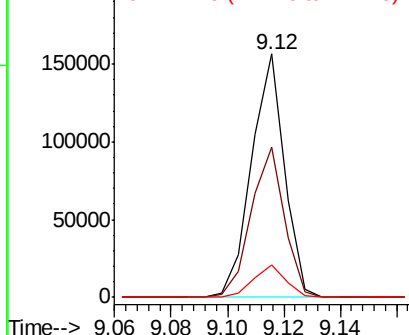
237 100

235 61.6 43.1 83.1

272 13.4 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: 80.366 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

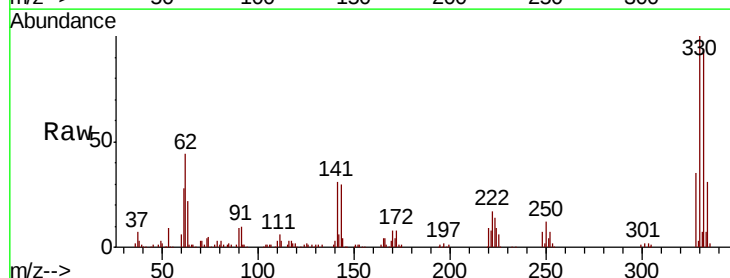
Tgt Ion:330 Resp: 179893

Ion Ratio Lower Upper

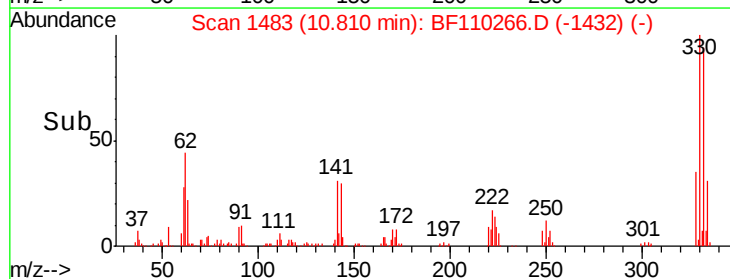
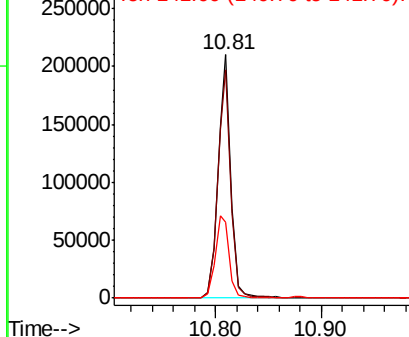
330 100

332 96.0 77.1 115.7

141 37.2 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

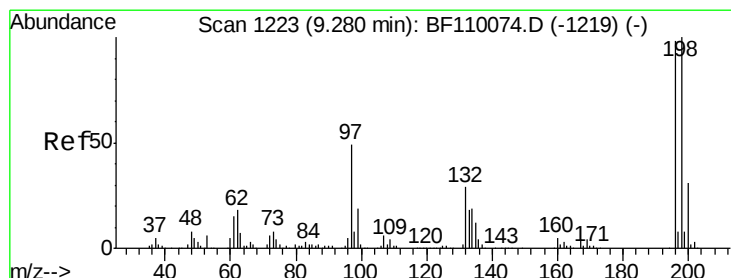
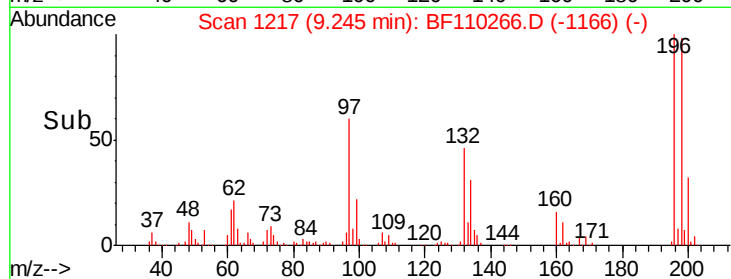
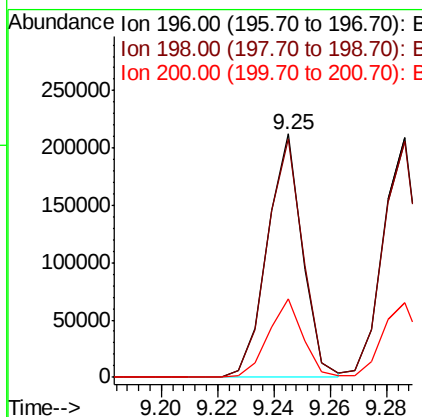
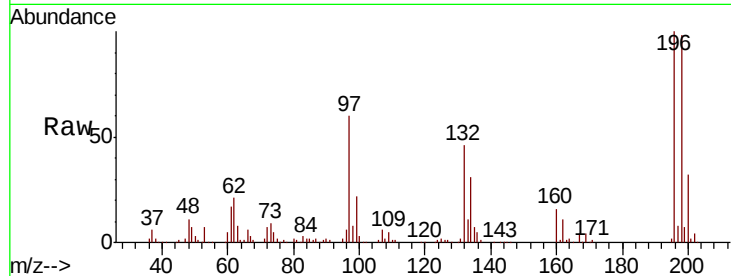




#43
 2,4,6-Trichlorophenol
 Concen: 40.223 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

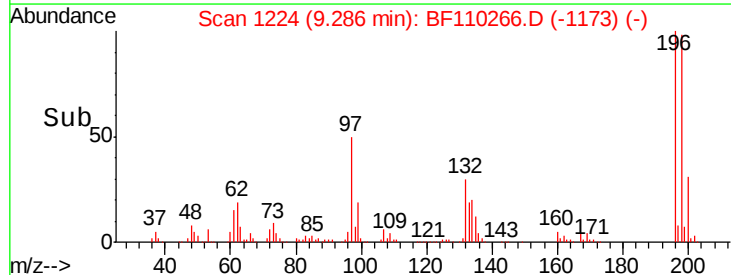
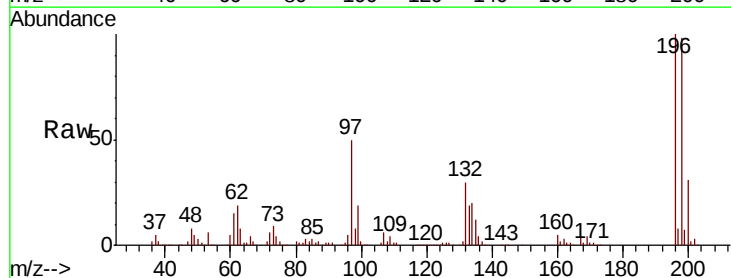
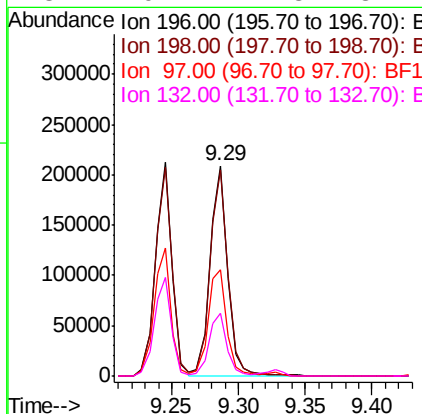
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	182662
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.2	114.4
200	32.2	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.542 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion	196	Resp	194615
Ion Ratio	Lower	Upper	
196	100		
198	98.0	75.8	113.6
97	50.3	42.4	63.6
132	29.7	22.8	34.2

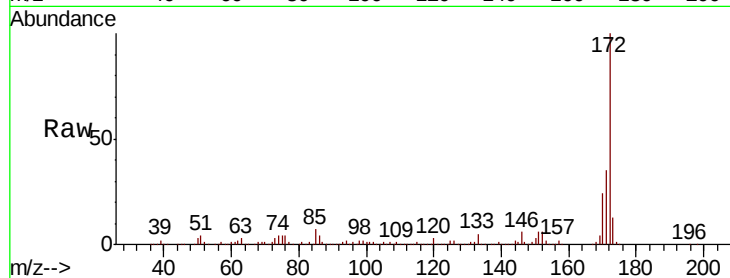




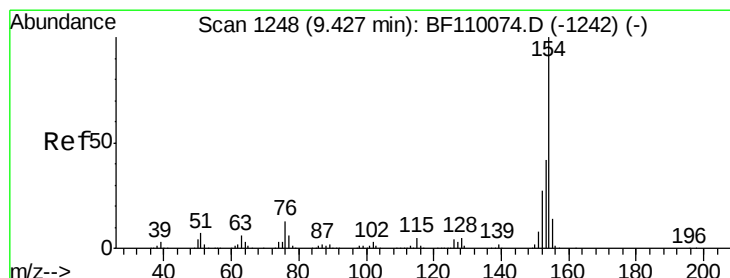
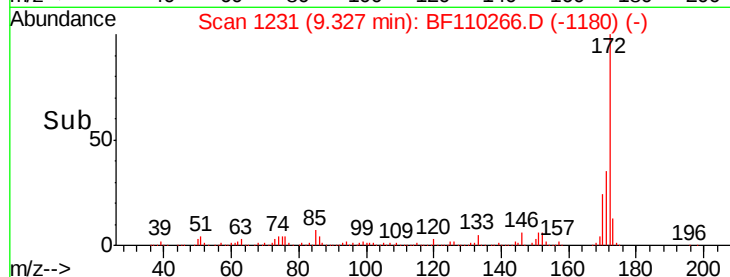
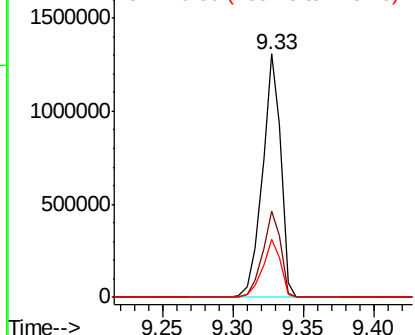
#45
2-Fluorobiphenyl
Concen: 83.287 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1198570
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.7 29.5

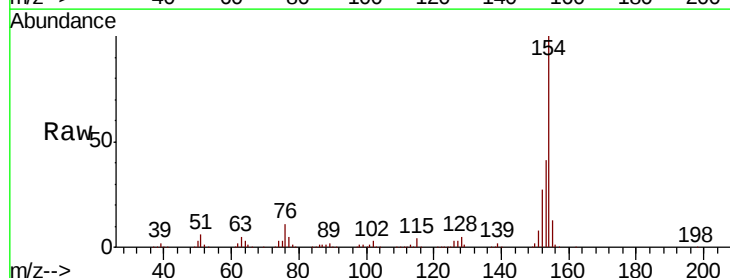


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

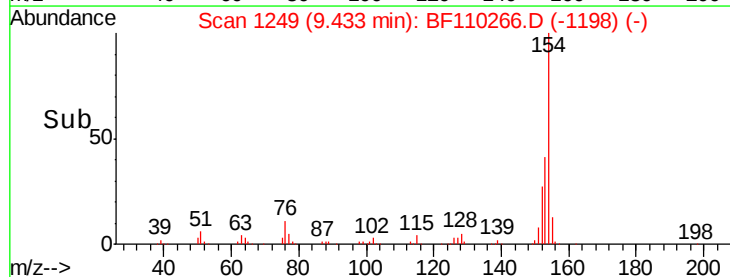
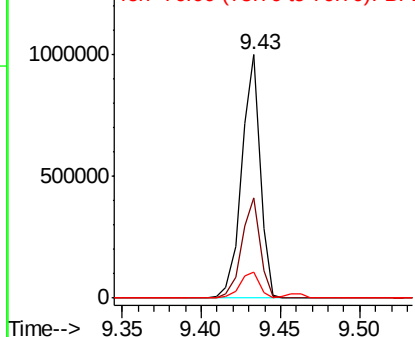


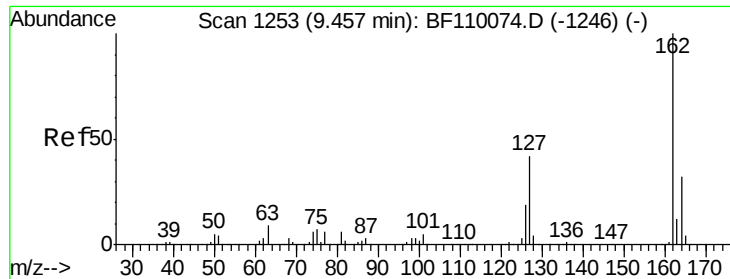
#46
1,1'-Biphenyl
Concen: 39.564 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:154 Resp: 808471
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 10.8 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

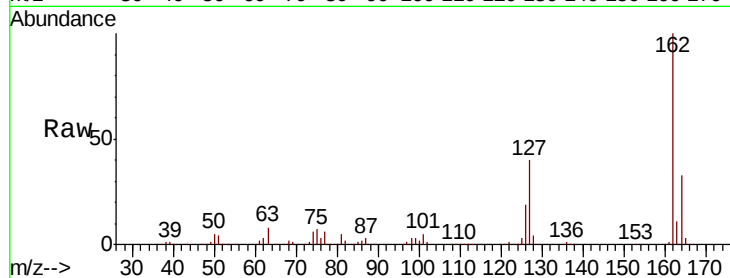




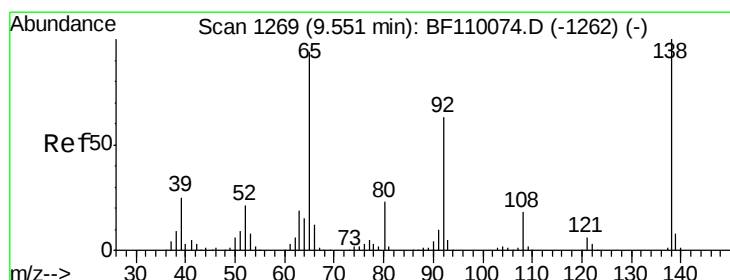
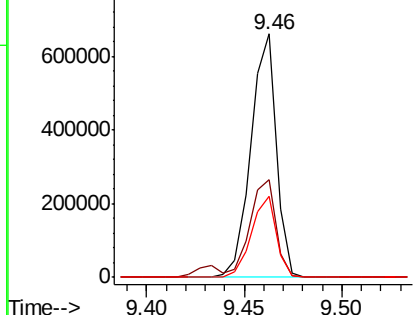
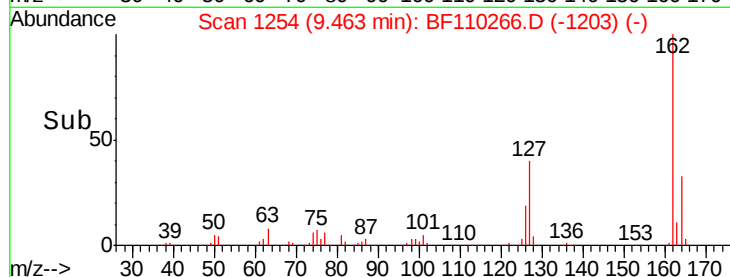
#47
 2-Chloronaphthalene
 Concen: 39.775 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	32.6	48.8
164	33.2	25.9	38.9

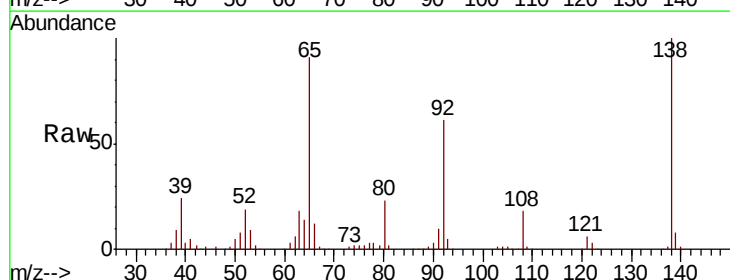


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

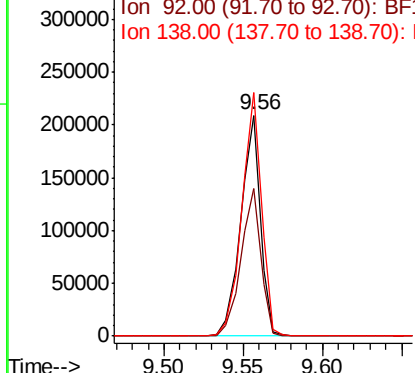
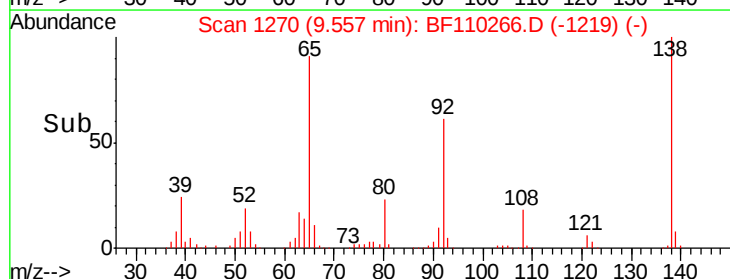


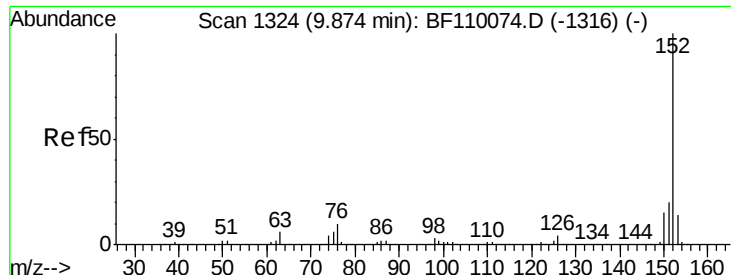
#48
 2-Nitroaniline
 Concen: 39.483 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	54.6	81.8
138	110.1	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: 39.610 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

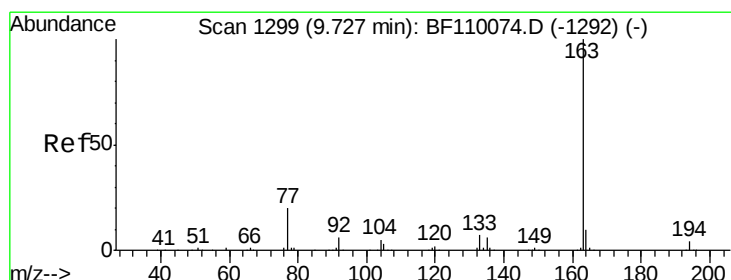
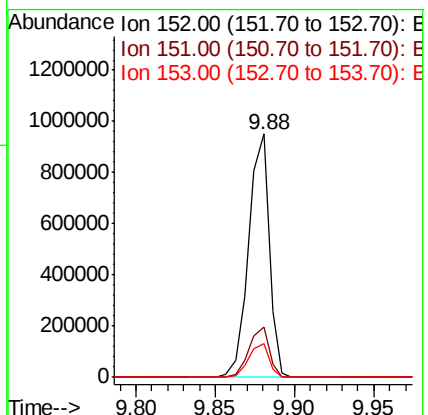
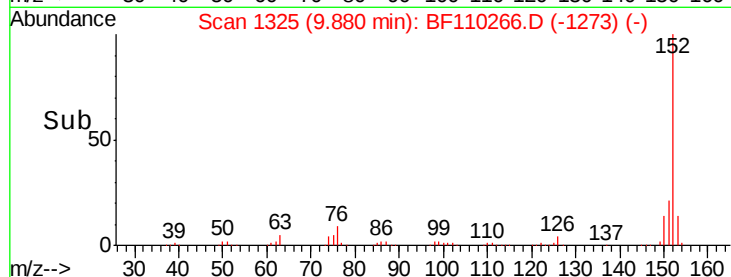
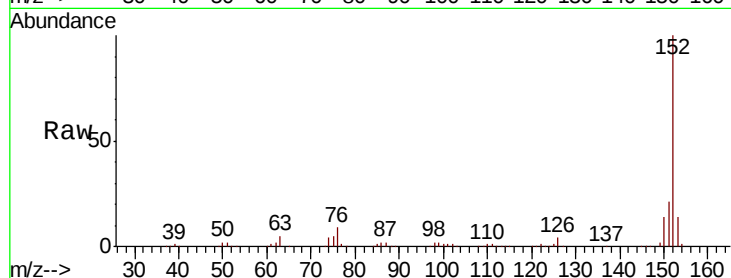
Tot Ion:152 Resp: 857567

Ion Ratio Lower Upper

152 100

151 20.7 15.8 23.8

153 13.7 10.4 15.6



#50

Dimethylphthalate

Concen: 39.970 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

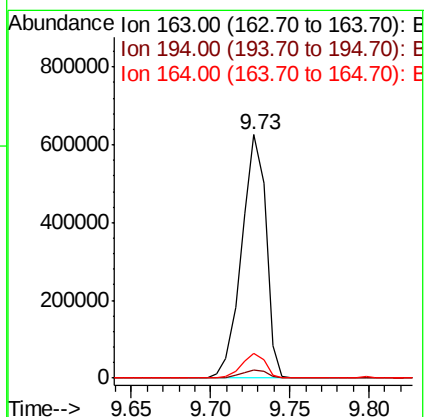
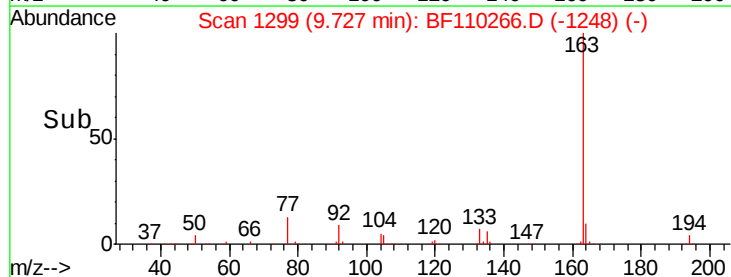
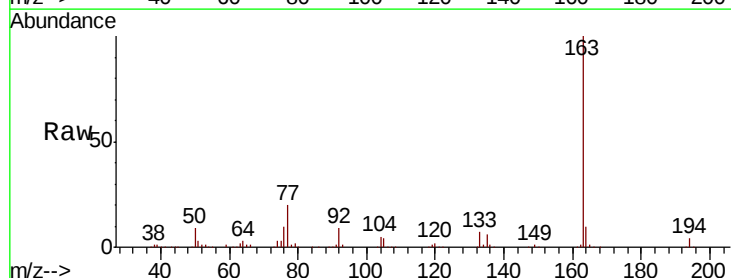
Tgt Ion:163 Resp: 666726

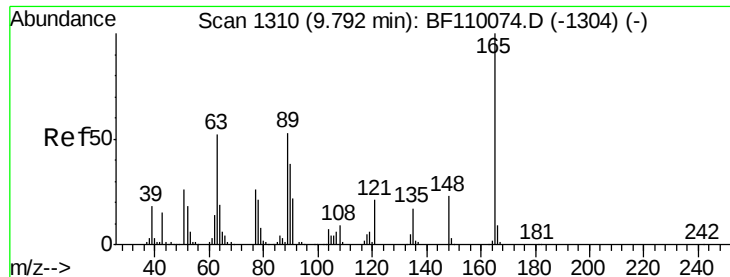
Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

164 10.0 8.1 12.1

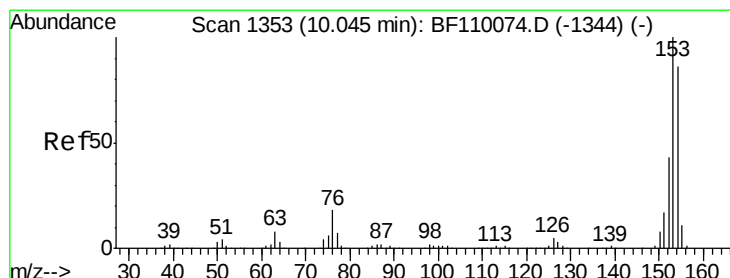
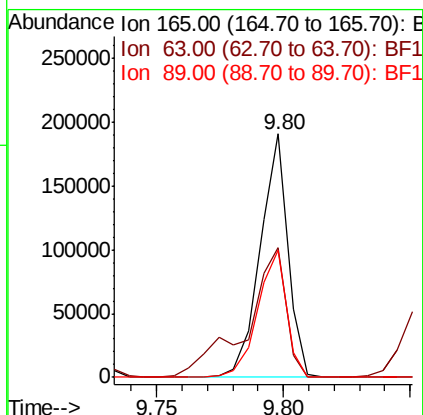
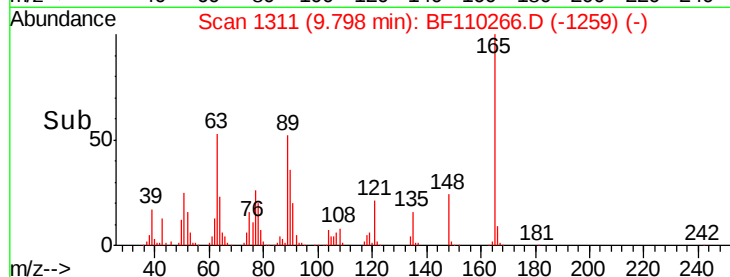
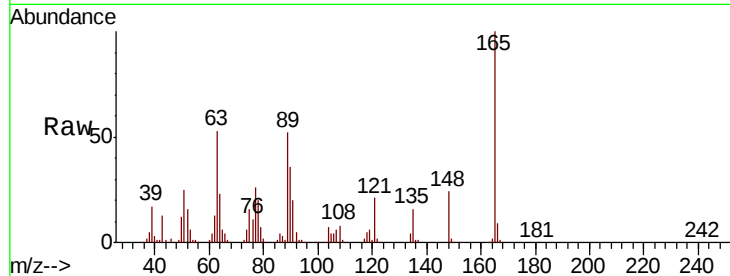




#51
2,6-Dinitrotoluene
Concen: 40.655 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

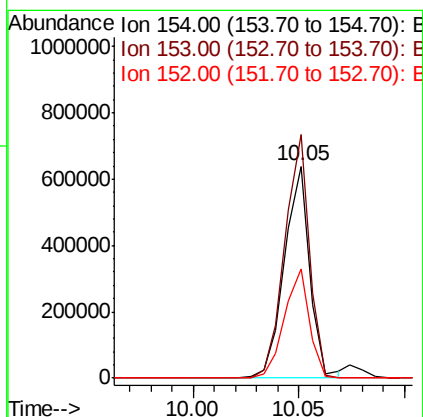
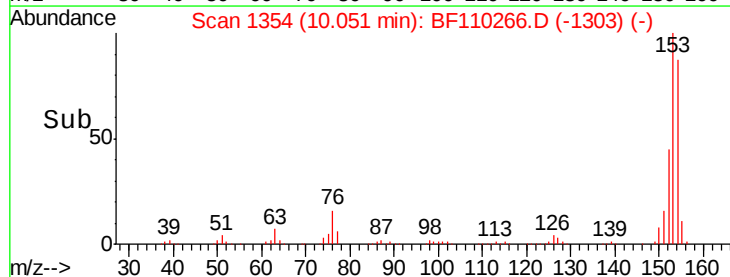
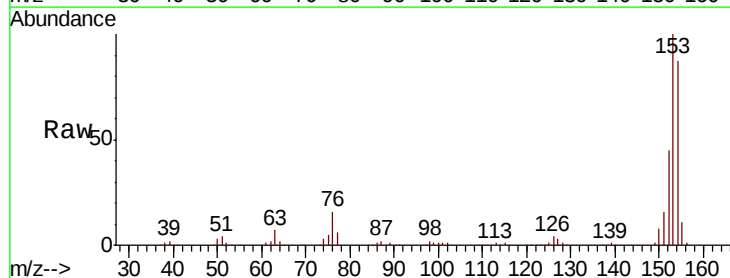
Instrument :
BNA_F
ClientSampleId :

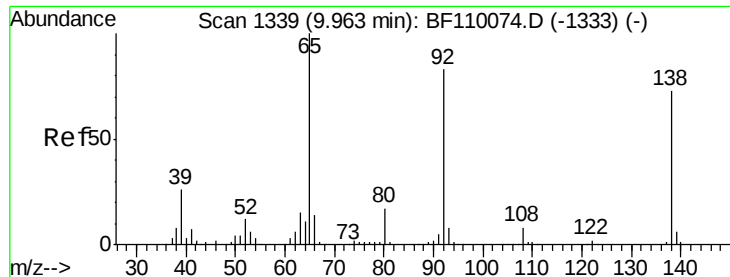
Tot Ion	165	Resp	146079
Ion Ratio	Lower	Upper	
165	100		
63	53.2	48.9	73.3
89	52.4	46.6	69.8



#52
Acenaphthene
Concen: 37.422 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	154	Resp	535976
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.1	135.1
152	51.3	43.4	65.2

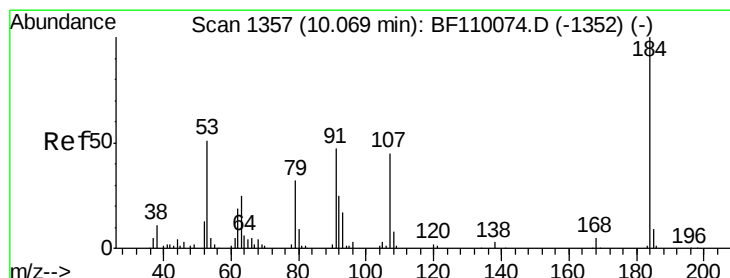
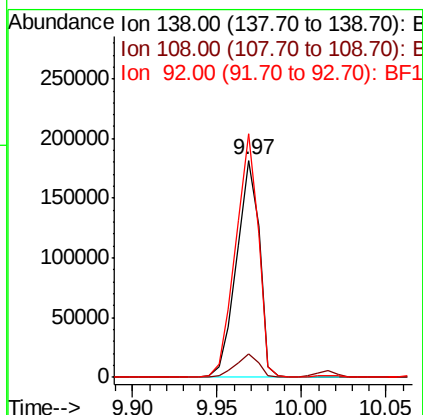
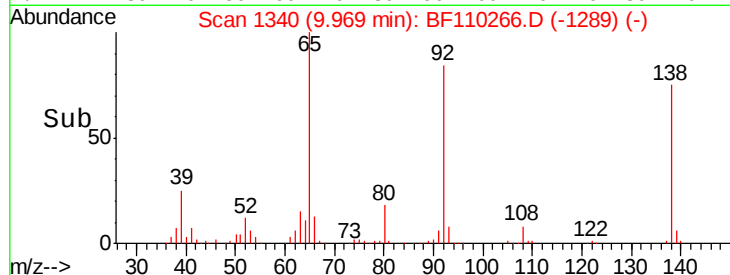
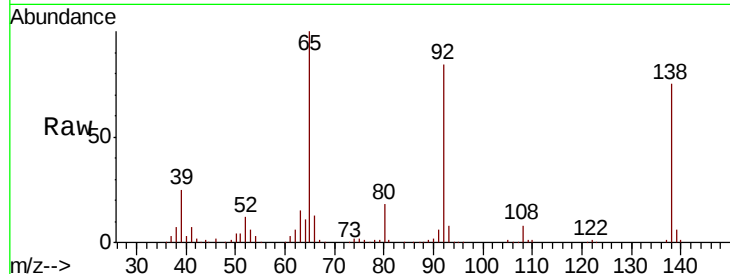




#53
 3-Nitroaniline
 Concen: 39.990 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

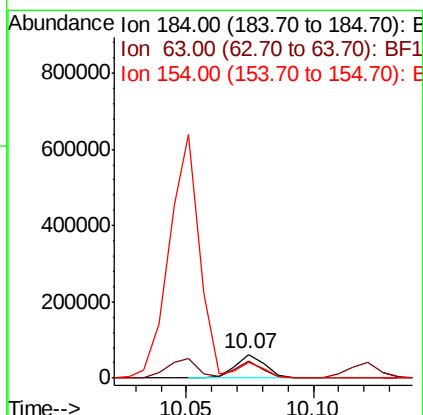
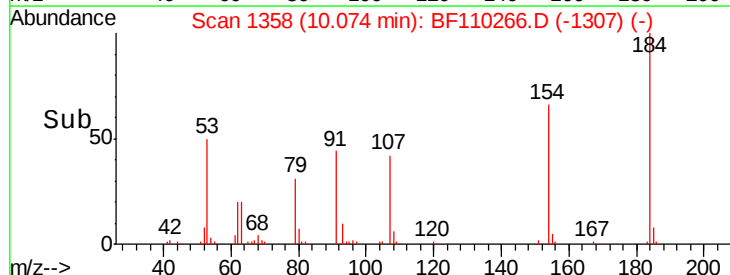
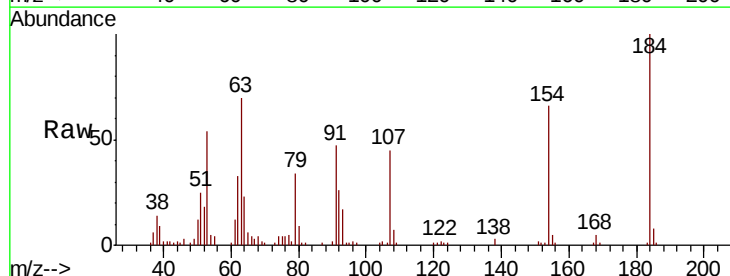
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 170872
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 112.1 97.0 145.4



#54
 2,4-Dinitrophenol
 Concen: 38.769 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:184 Resp: 51220
 Ion Ratio Lower Upper
 184 100
 63 70.4 55.8 83.6
 154 65.7 63.2 94.8

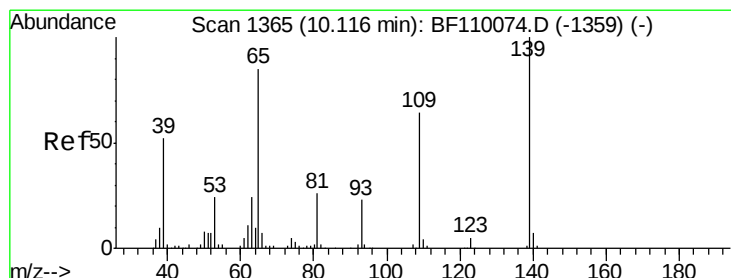
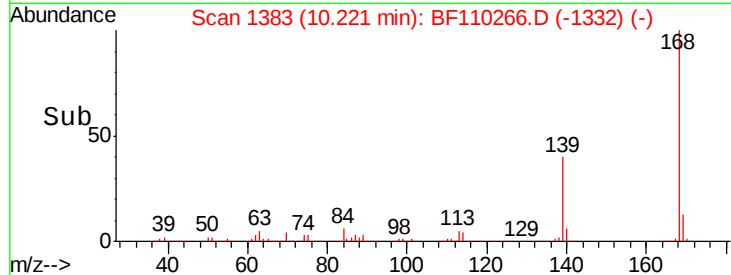
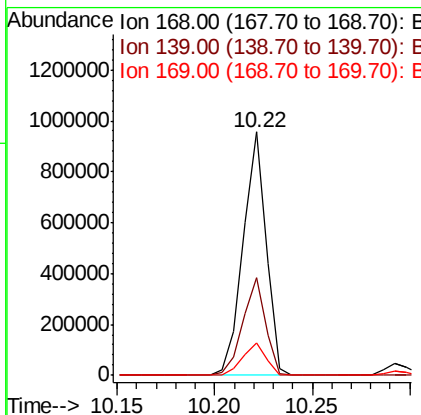
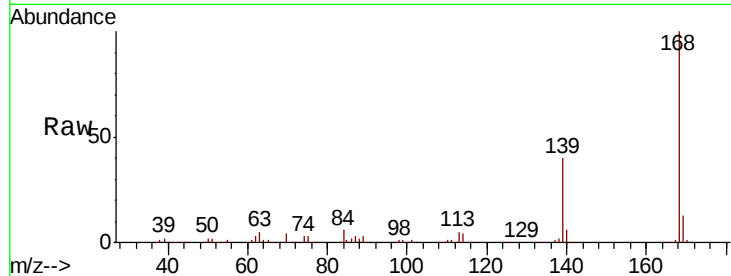




#55
Dibenzenofuran
Concen: 39.276 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

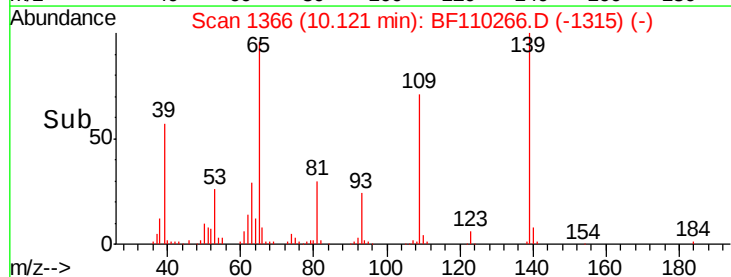
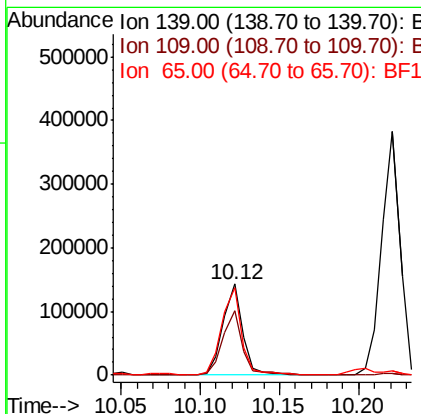
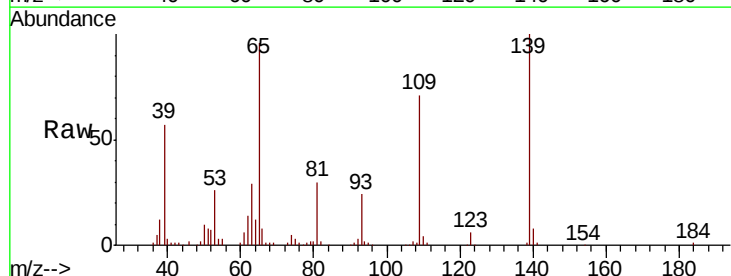
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 787601
Ion Ratio Lower Upper
168 100
139 40.0 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 39.786 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:139 Resp: 125821
Ion Ratio Lower Upper
139 100
109 71.4 55.8 95.8
65 96.0 77.9 117.9

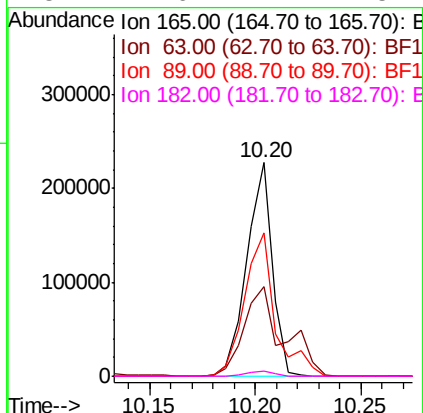
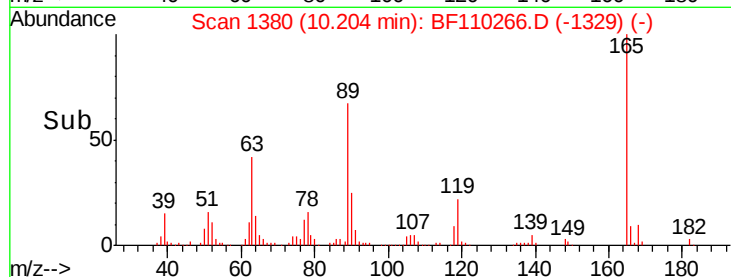
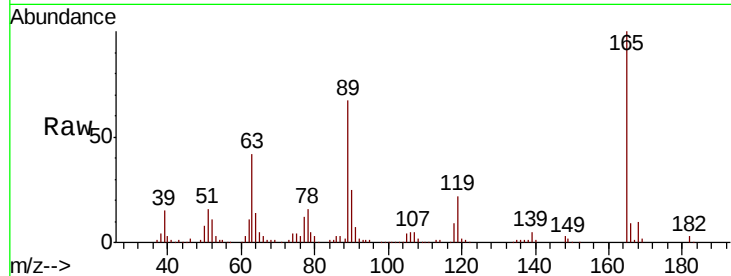




#57
2,4-Dinitrotoluene
Concen: 41.781 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

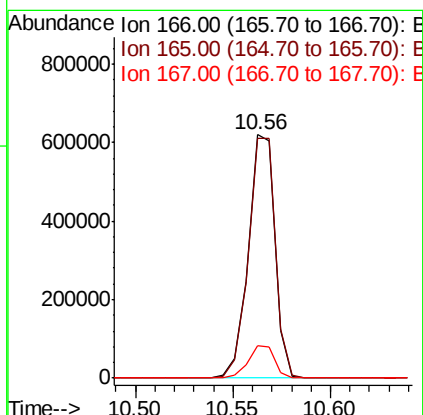
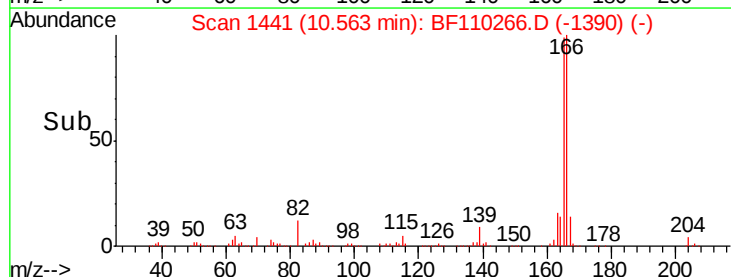
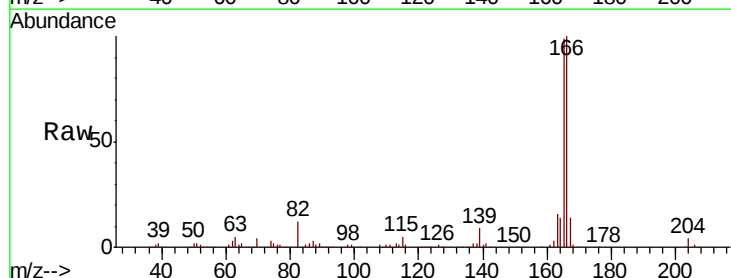
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.7	44.8	67.2#
89	67.2	62.2	93.4
182	2.6	2.1	3.1



#58
Fluorene
Concen: 39.214 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	13.5	10.8	16.2

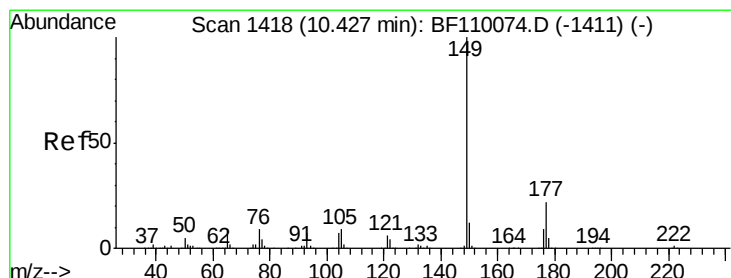
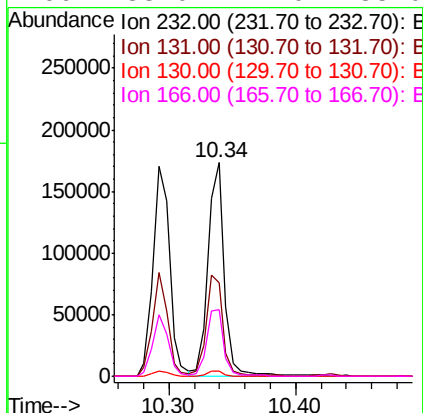
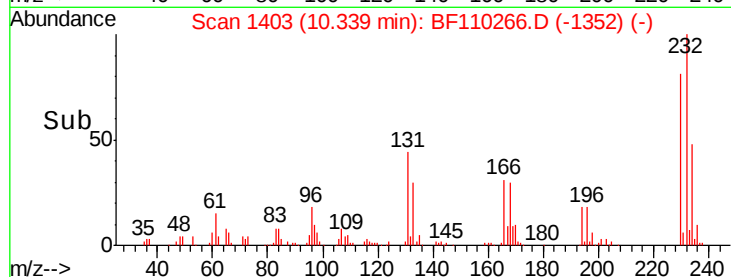
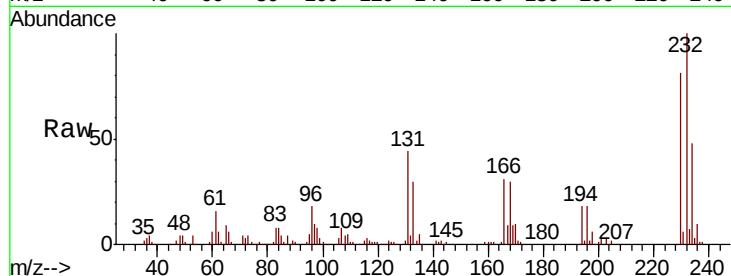




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.112 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

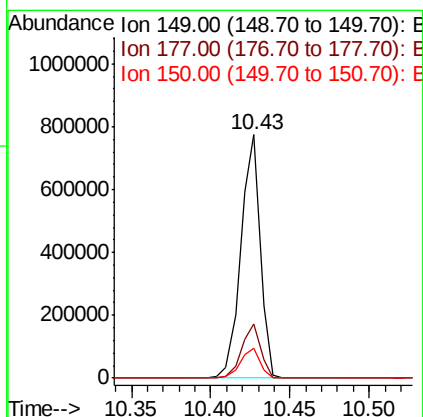
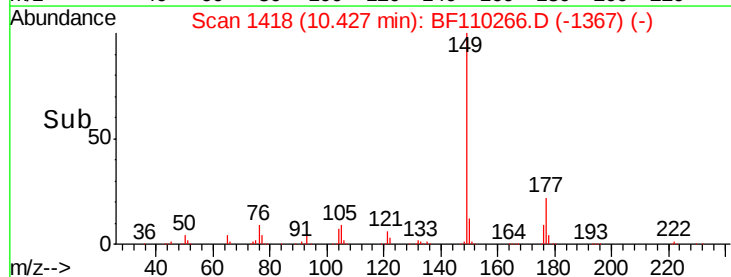
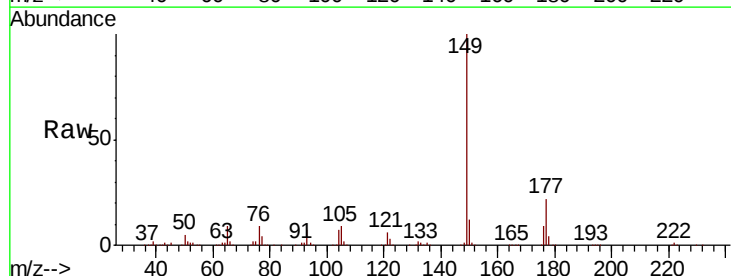
Instrument :
BNA_F
ClientSampleId :

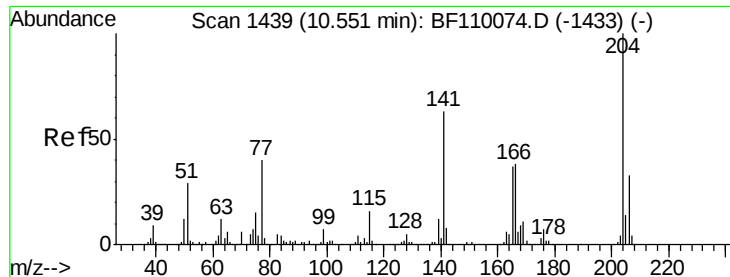
Tot Ion:232 Resp: 156946
Ion Ratio Lower Upper
232 100
131 48.4 37.0 55.4
130 2.3 1.8 2.6
166 33.0 22.0 33.0



#60
Diethylphthalate
Concen: 40.141 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:149 Resp: 653617
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.2
150 12.3 9.8 14.8

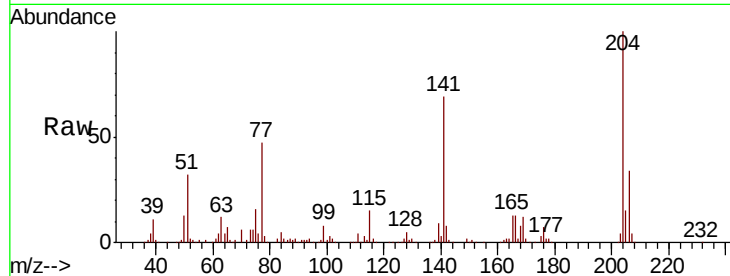




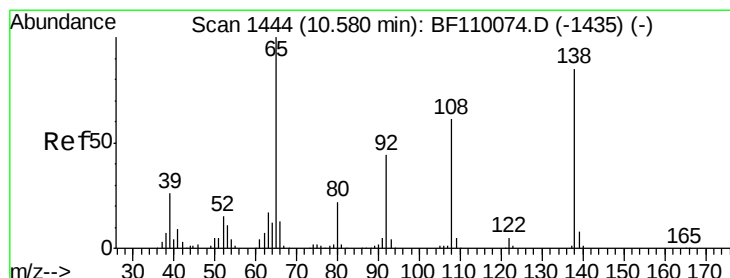
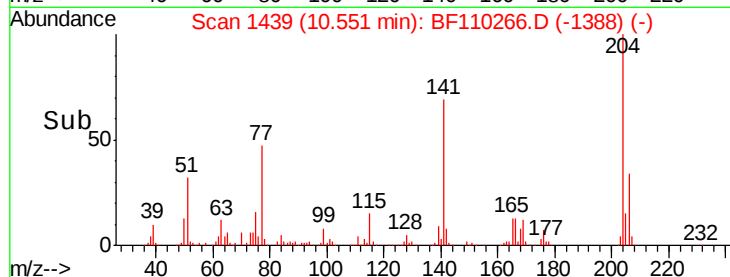
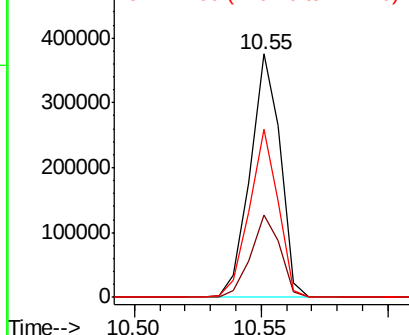
#61
 4-Chlorophenyl-phenylether
 Concen: 39.380 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.5	39.7
141	69.1	51.8	77.8

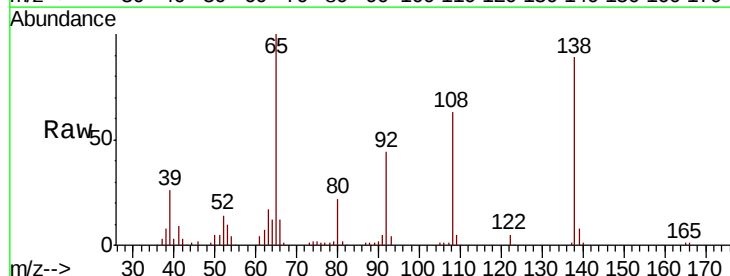


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

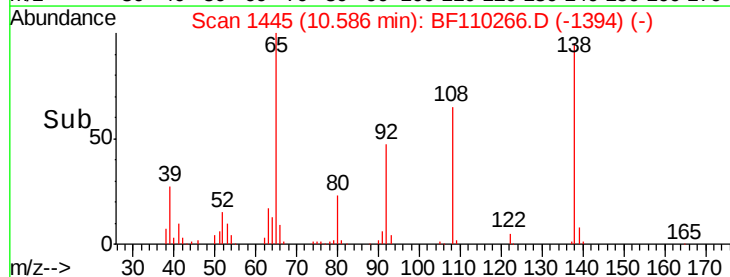
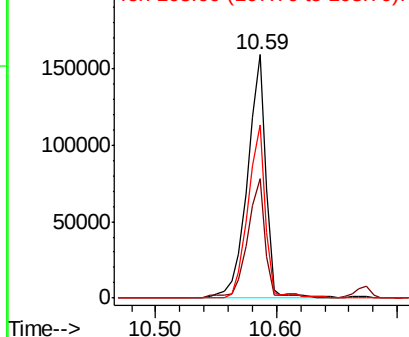


#62
 4-Nitroaniline
 Concen: 40.041 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	31.7	71.7
108	70.9	59.3	99.3



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

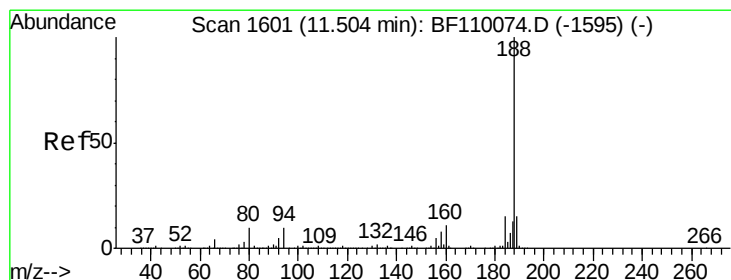
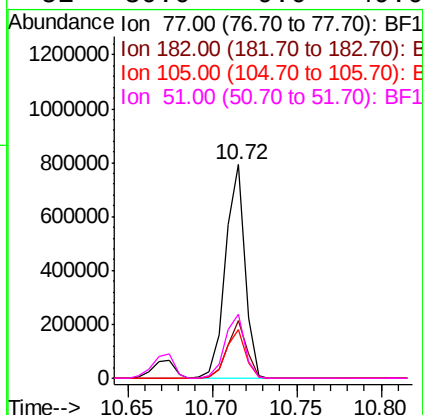
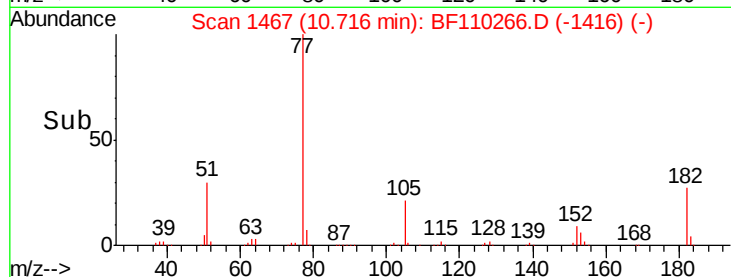
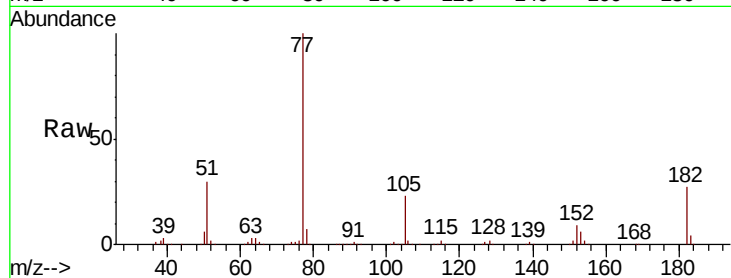




#63
Azobenzene
Concen: 39.123 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

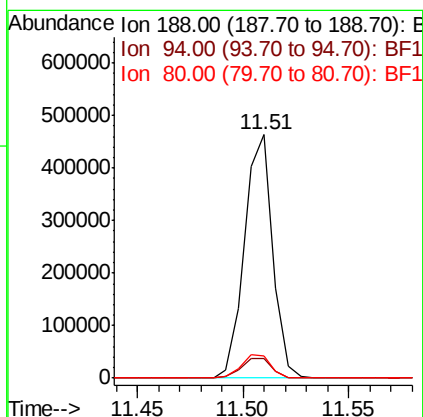
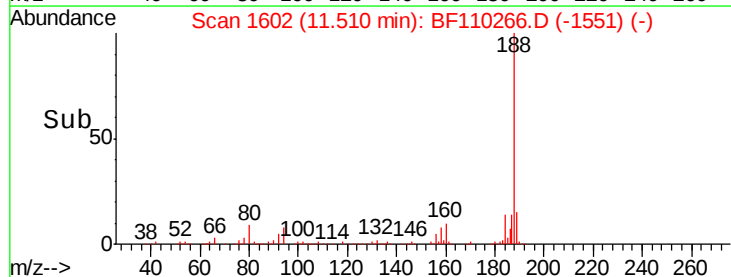
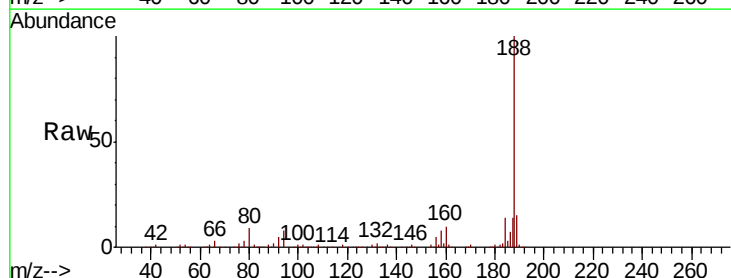
Instrument :
BNA_F
ClientSampleId :

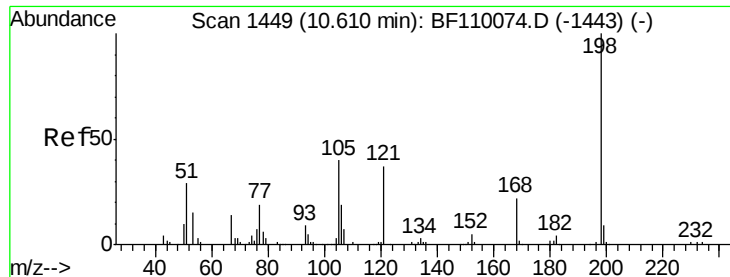
Tot Ion:	77	Resp:	632329
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.3	44.3
105	22.8	1.3	41.3
51	30.0	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:	188	Resp:	429262
Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.1	7.9	11.9

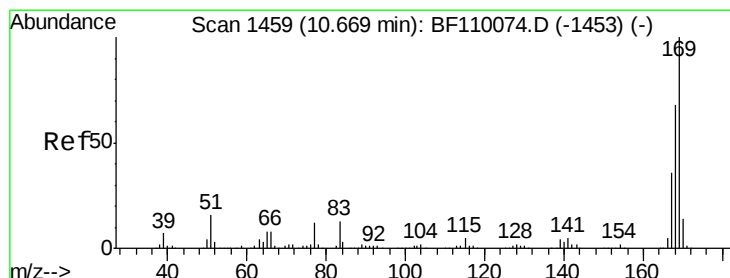
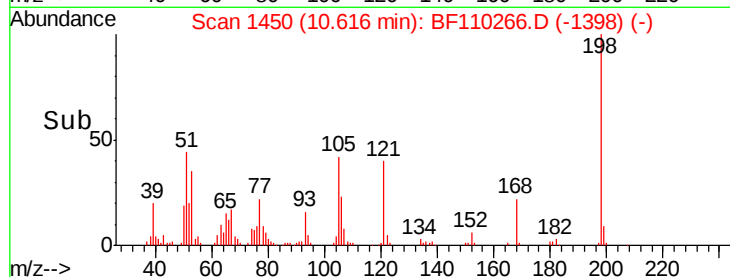
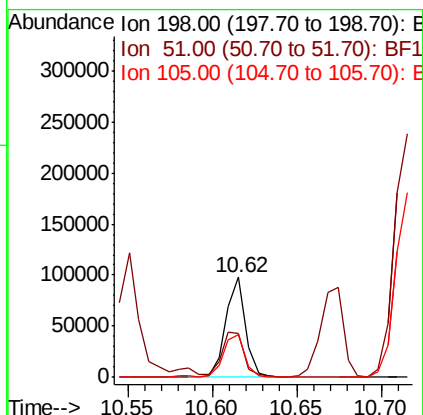
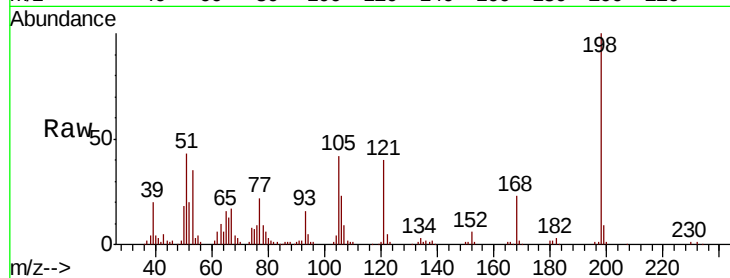




#65
4,6-Dinitro-2-methylphenol
Concen: 40.682 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

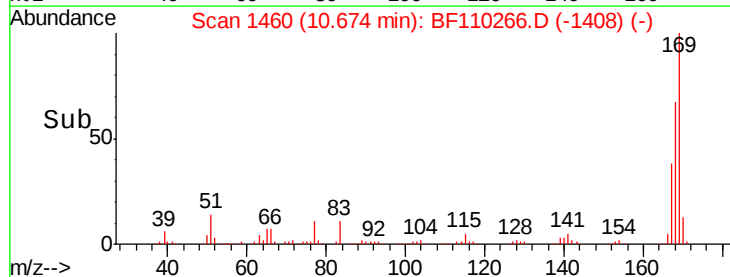
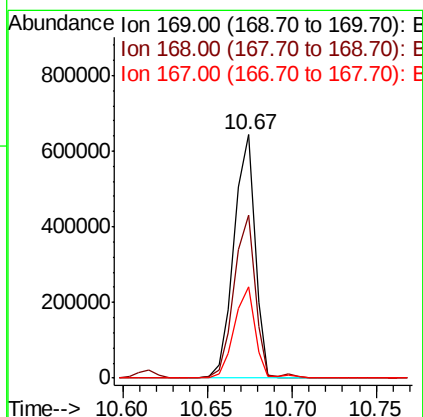
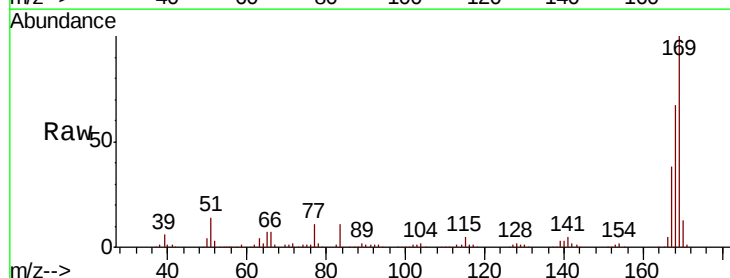
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 79784
Ion Ratio Lower Upper
198 100
51 43.4 22.8 62.8
105 42.2 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 39.710 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:169 Resp: 559115
Ion Ratio Lower Upper
169 100
168 67.0 51.2 76.8
167 37.5 27.8 41.6

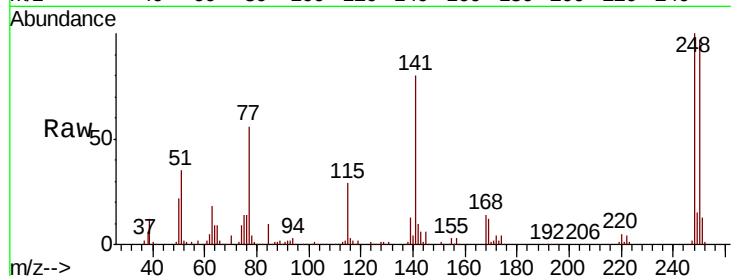




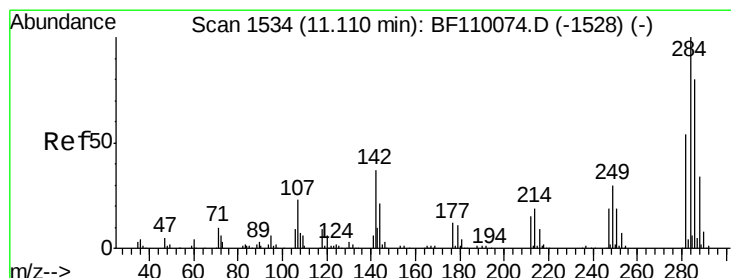
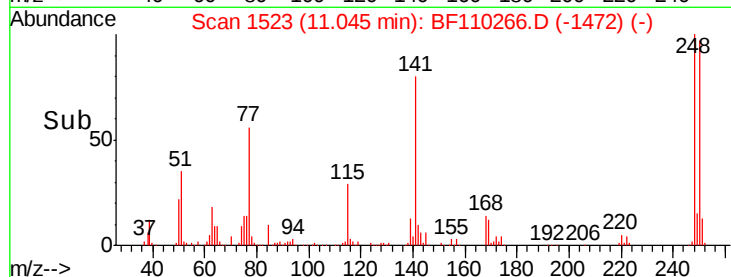
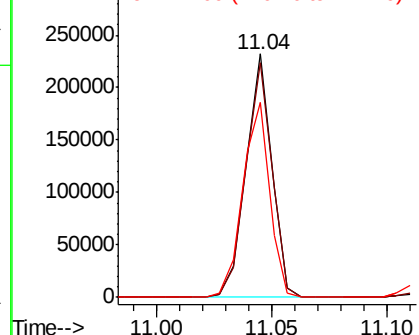
#67
 4-Bromophenyl-phenylether
 Concen: 39.201 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 182530
 Ion Ratio Lower Upper
 248 100
 250 96.6 79.4 119.2
 141 80.0 55.9 83.9

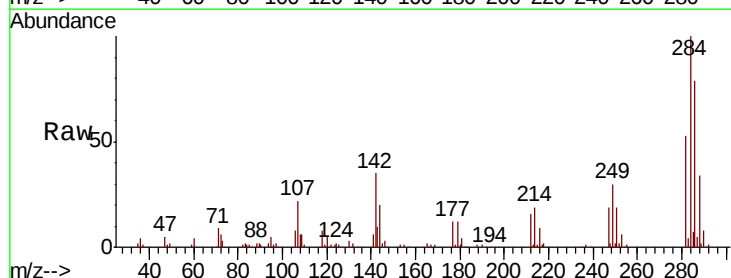


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

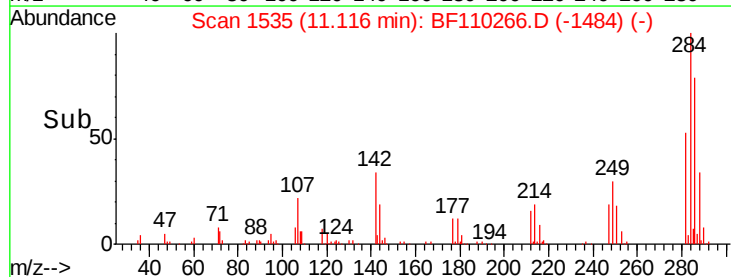
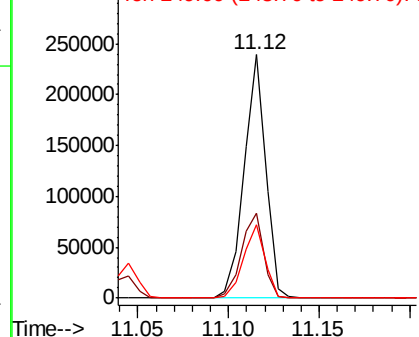


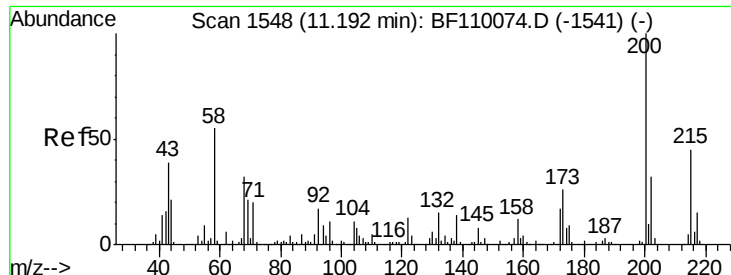
#68
 Hexachlorobenzene
 Concen: 39.804 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:284 Resp: 196649
 Ion Ratio Lower Upper
 284 100
 142 34.8 23.9 35.9
 249 30.3 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

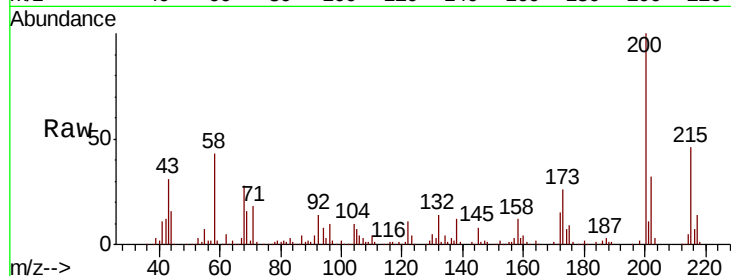




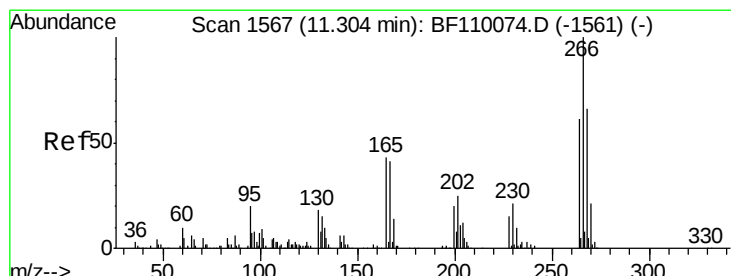
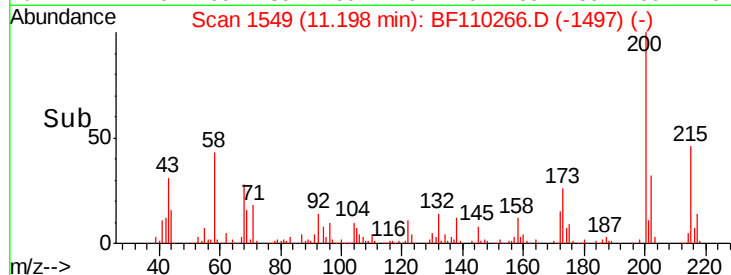
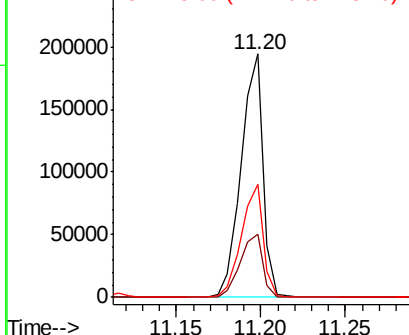
#69
 Atrazine
 Concen: 39.559 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:200 Resp: 176018
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.6 46.6
 215 46.3 26.3 66.3

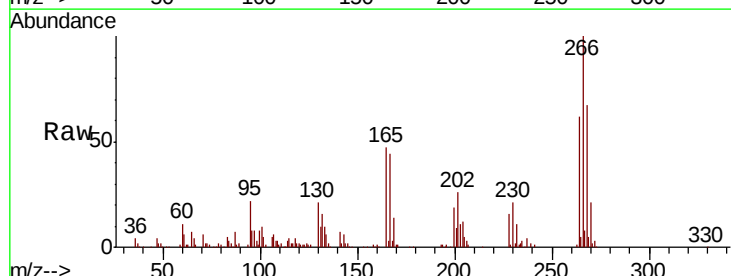


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

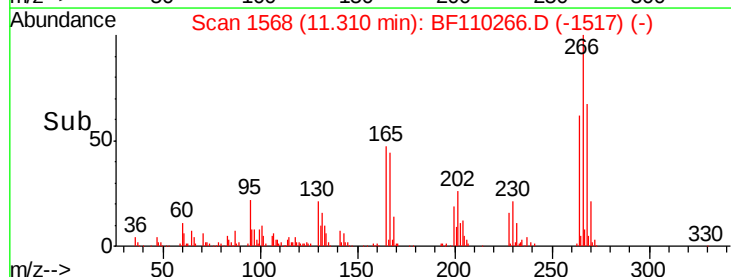
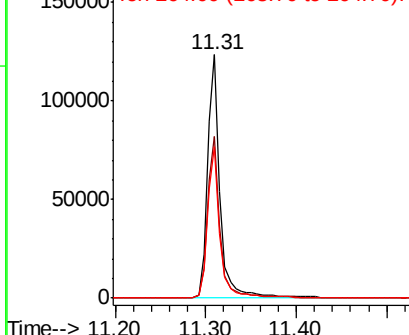


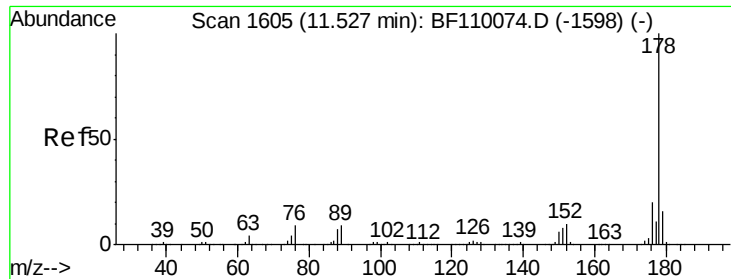
#70
 Pentachlorophenol
 Concen: 41.954 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:266 Resp: 120860
 Ion Ratio Lower Upper
 266 100
 268 66.5 50.6 75.8
 264 62.3 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

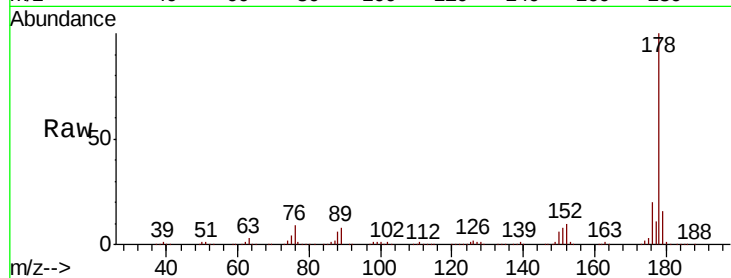




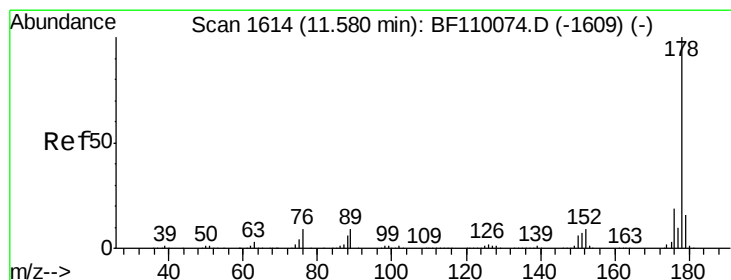
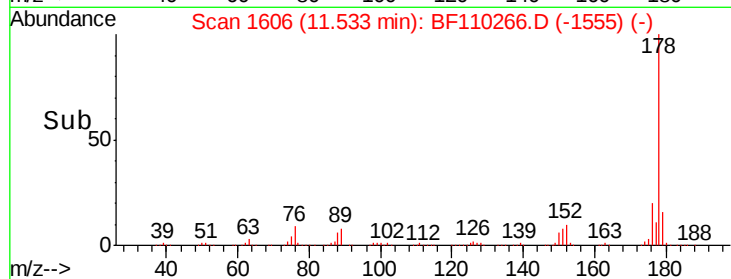
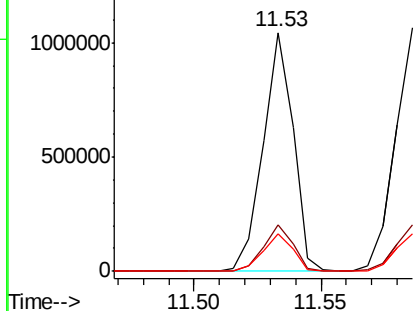
#71
Phenanthrene
Concen: 38.765 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 870694
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.5 18.7

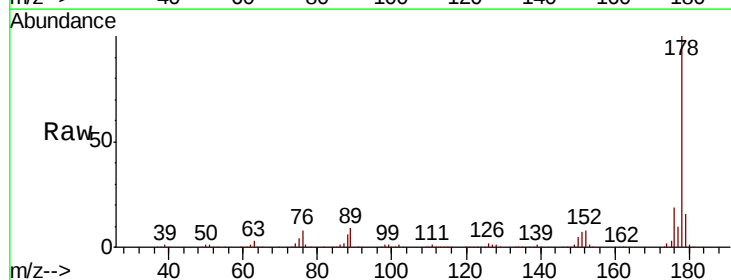


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

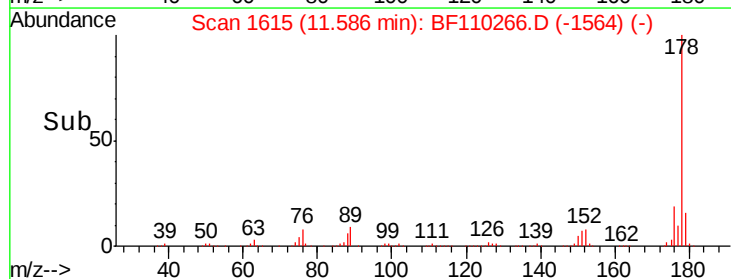
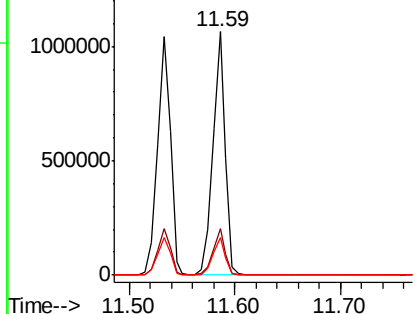


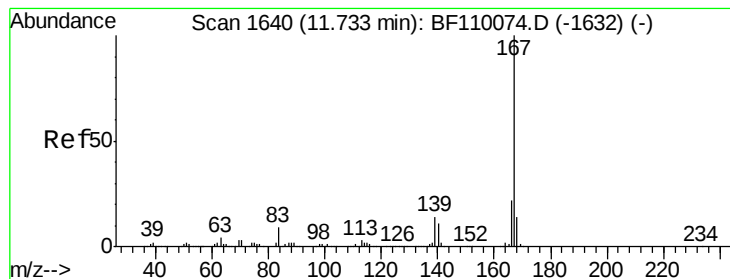
#72
Anthracene
Concen: 39.106 ng
RT: 11.59 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:178 Resp: 880411
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.6 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: 39.211 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

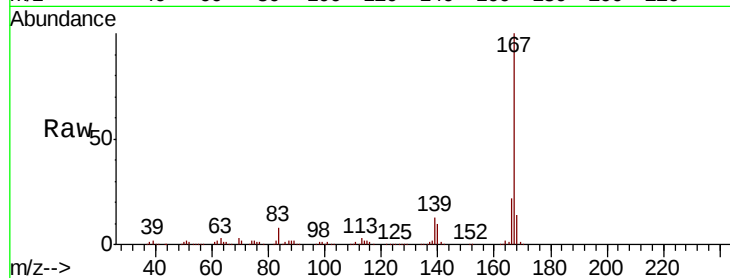
Tot Ion:167 Resp: 861930

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

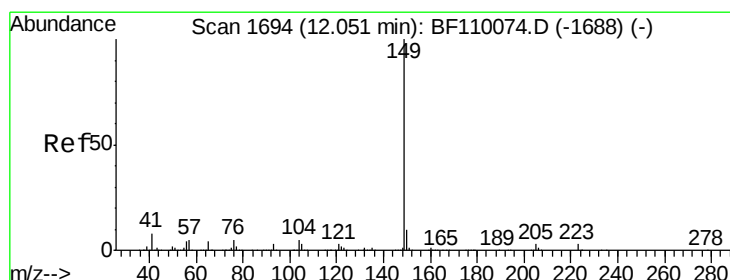
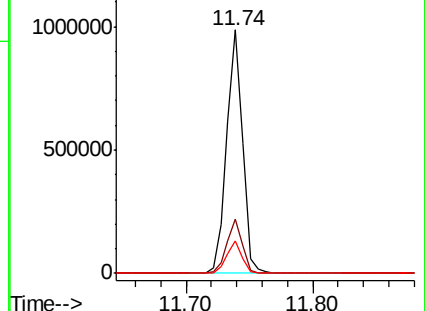
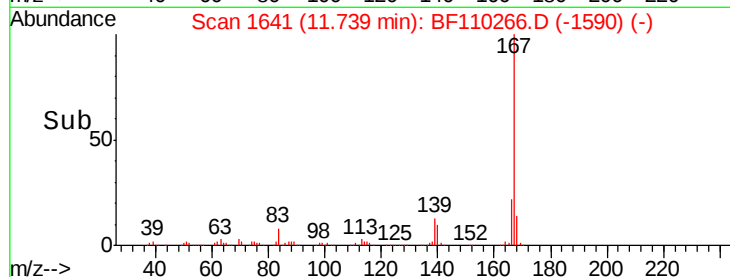
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.759 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

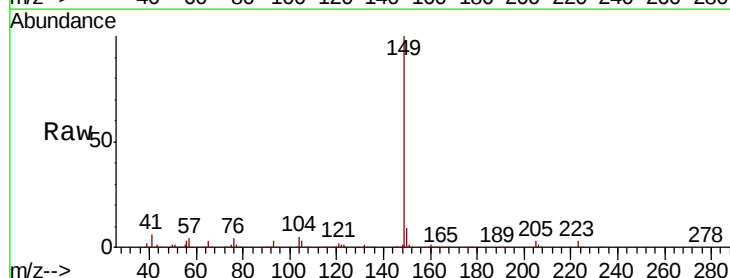
Tgt Ion:149 Resp: 1011896

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

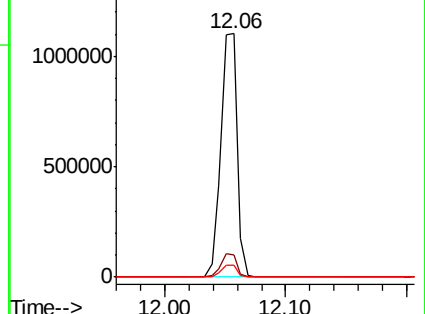
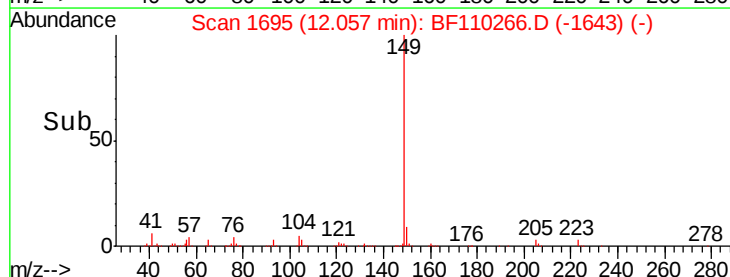
104 4.8 4.2 6.4

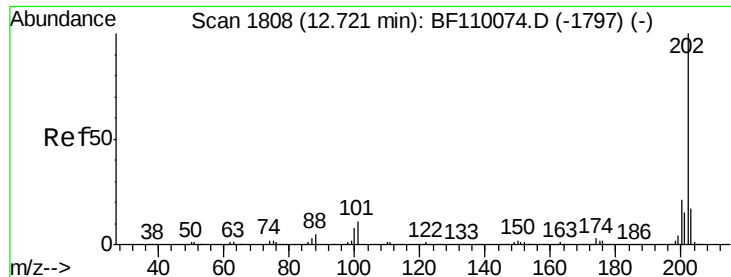


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.243 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampled :

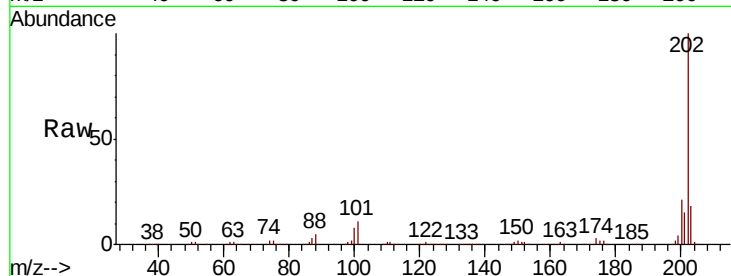
Tot Ion:202 Resp: 894556

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

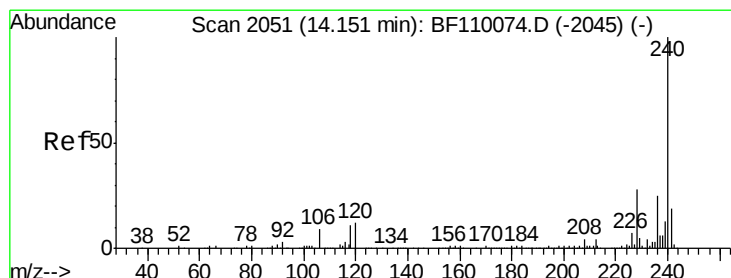
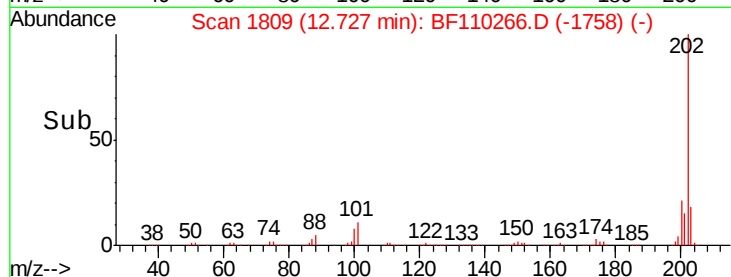
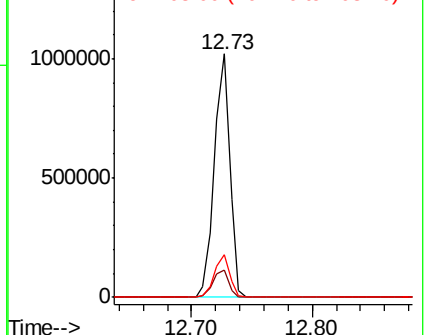
203 17.7 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

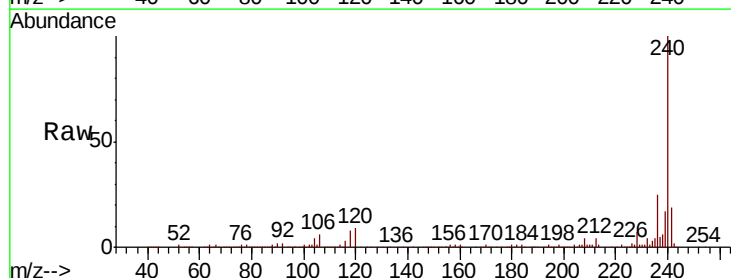
Tgt Ion:240 Resp: 310827

Ion Ratio Lower Upper

240 100

120 8.8 8.3 12.5

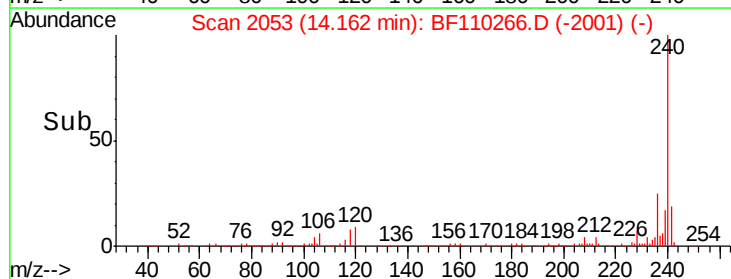
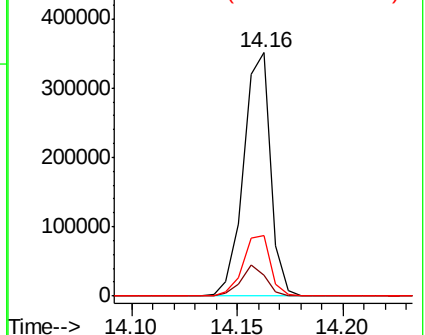
236 25.0 21.2 31.8

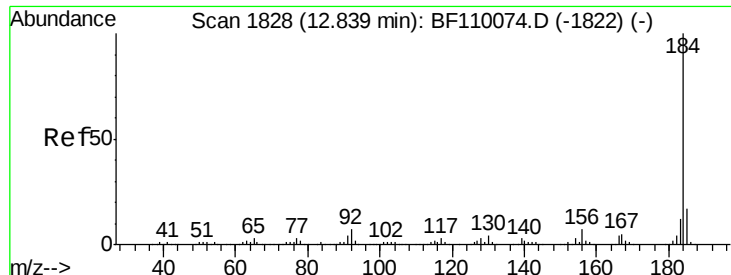


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

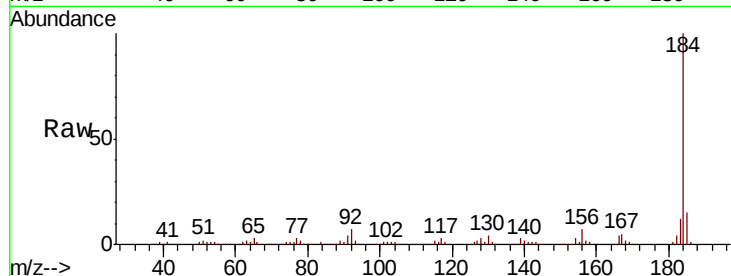




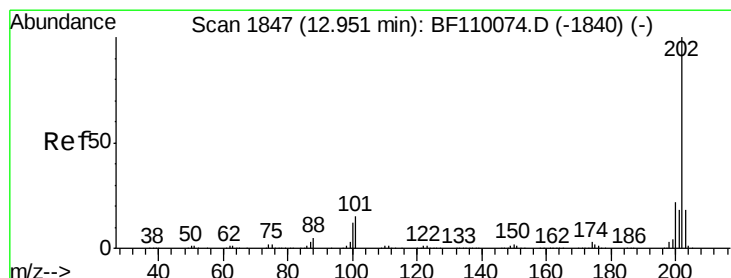
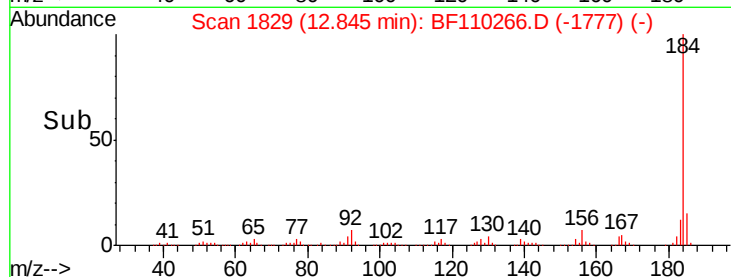
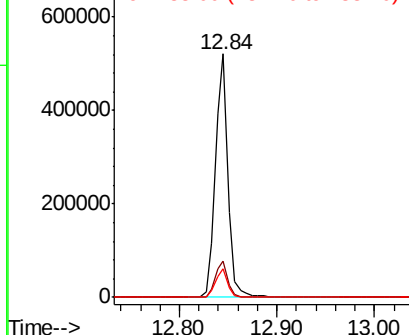
#77
Benzidine
Concen: Below Cal
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 460739
Ion Ratio Lower Upper
184 100
185 14.9 13.4 20.2
183 11.9 9.4 14.2

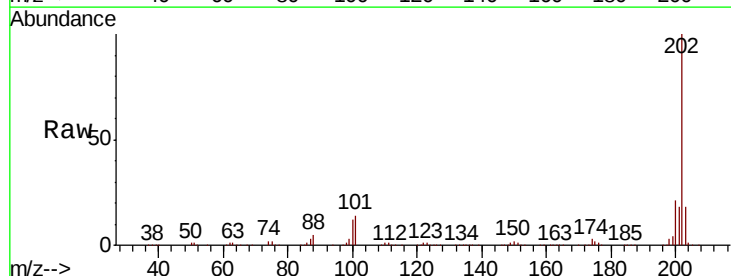


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

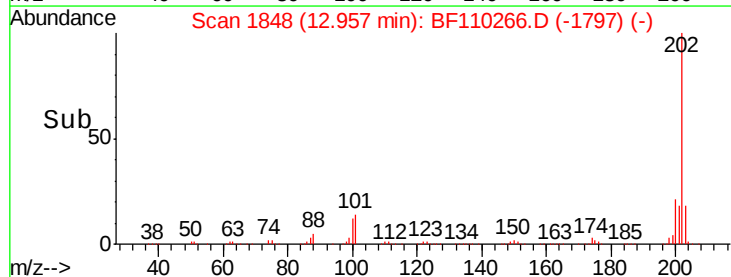
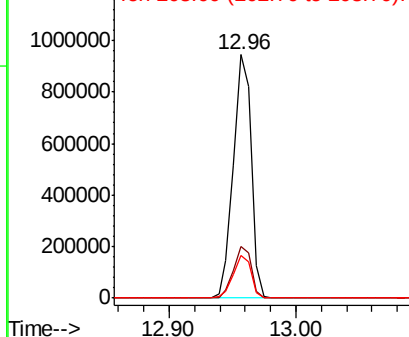


#78
Pyrene
Concen: 40.971 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:202 Resp: 912976
Ion Ratio Lower Upper
202 100
200 21.1 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

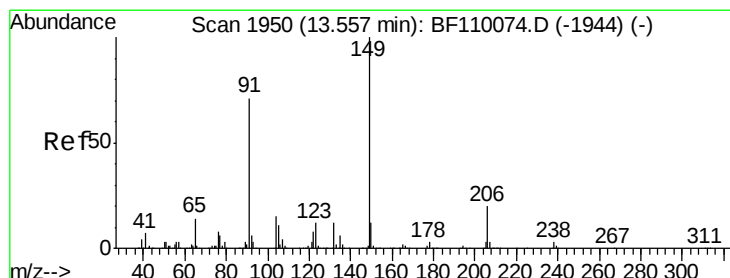
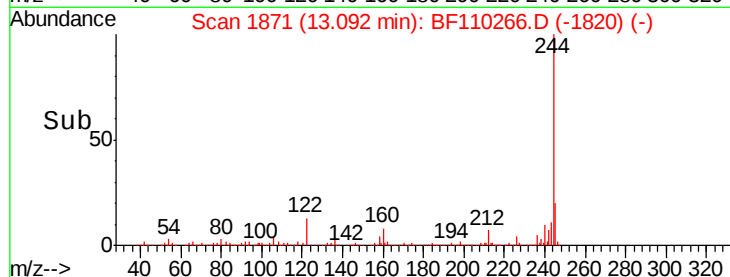
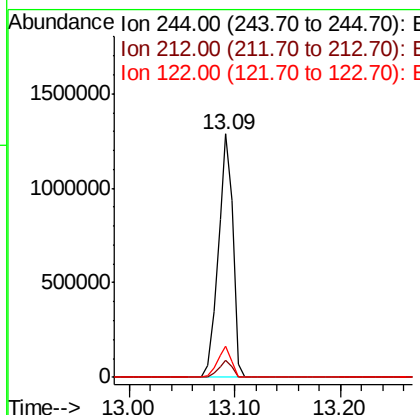
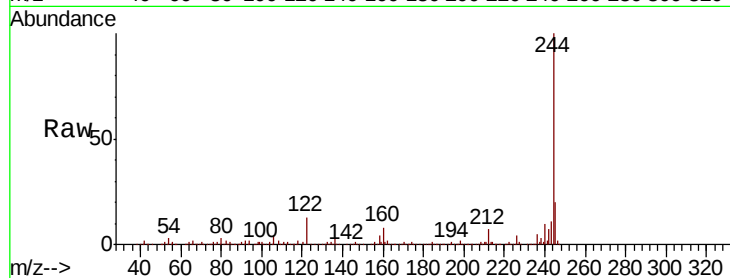




#79
 Terphenyl-d14
 Concen: 84.182 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

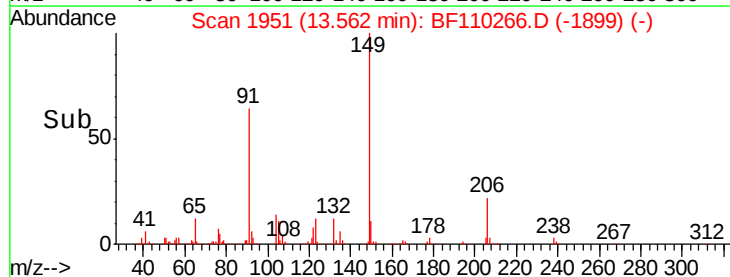
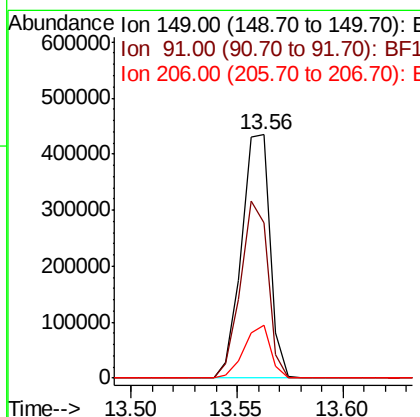
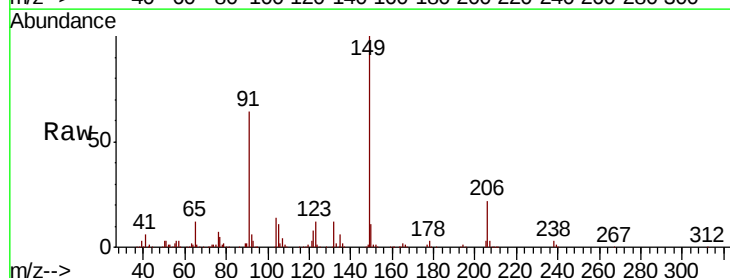
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1258163
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.9 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 42.178 ng
 RT: 13.56 min Scan# 1951
 Delta R.T. 0.01 min
 Lab File: BF110266.D
 Acq: 29 Oct 2018 17:03

Tgt Ion:149 Resp: 407944
 Ion Ratio Lower Upper
 149 100
 91 63.7 57.2 85.8
 206 21.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 39.765 ng

RT: 14.14 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

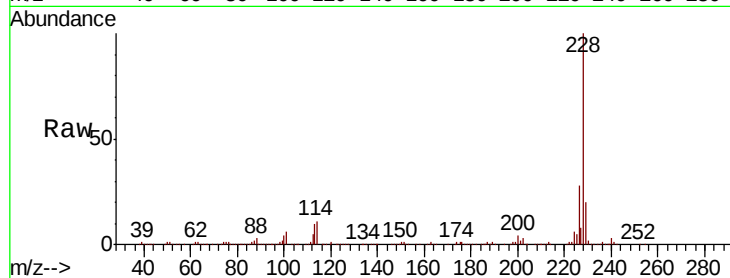
Tot Ion:228 Resp: 732978

Ion Ratio Lower Upper

228 100

226 27.8 22.1 33.1

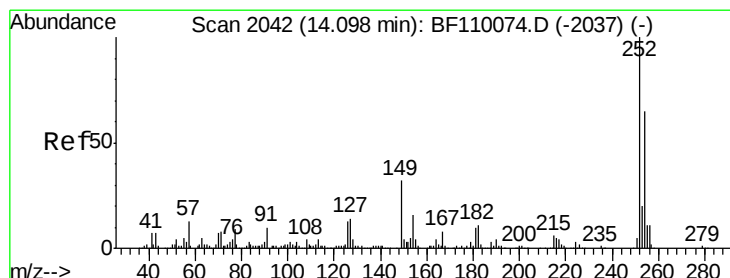
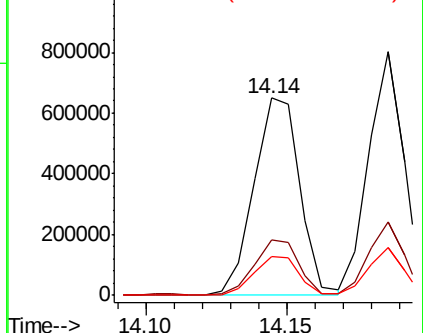
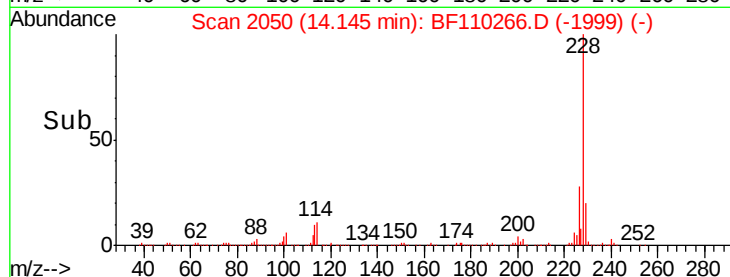
229 19.9 15.6 23.4



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: 39.455 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

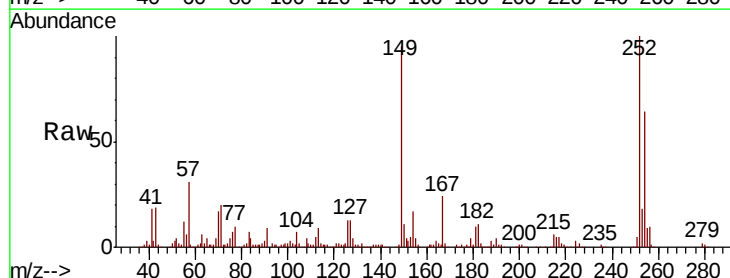
Tgt Ion:252 Resp: 253245

Ion Ratio Lower Upper

252 100

254 63.7 51.3 76.9

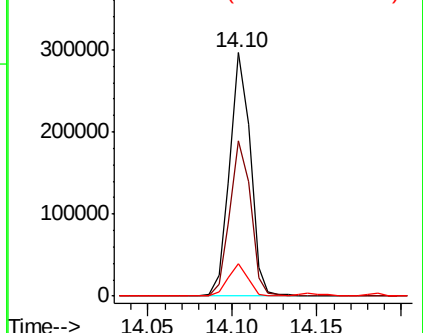
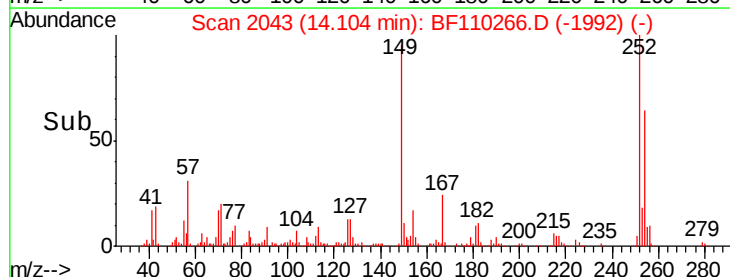
126 13.1 9.4 14.2

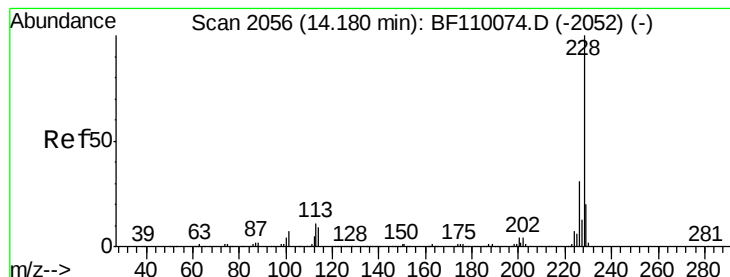


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.642 ng

RT: 14.19 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

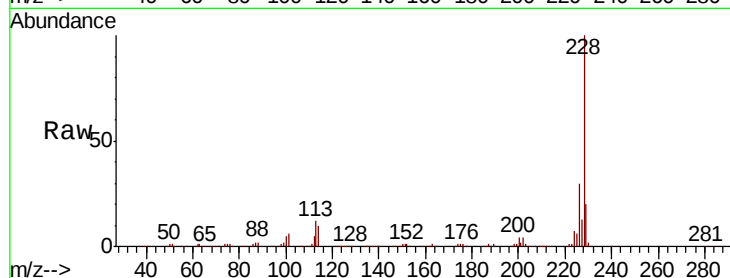
Tot Ion:228 Resp: 694036

Ion Ratio Lower Upper

228 100

226 30.0 24.7 37.1

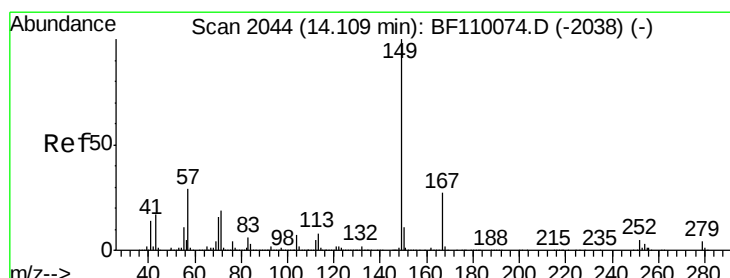
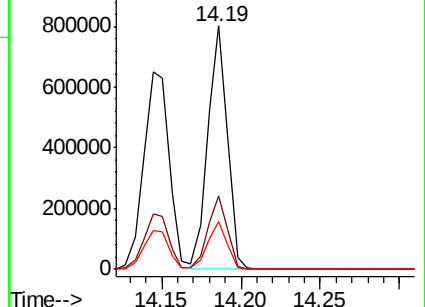
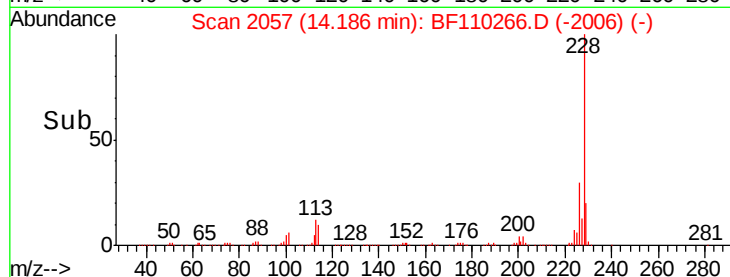
229 19.5 15.9 23.9



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: 40.302 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

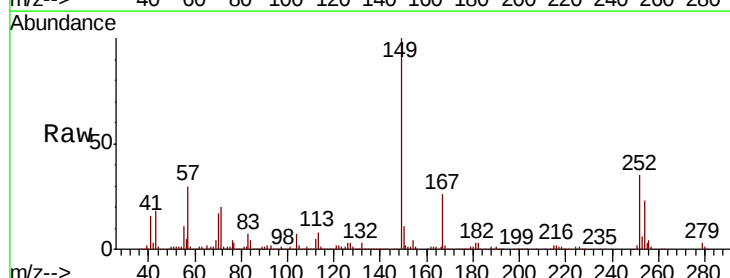
Tgt Ion:149 Resp: 526928

Ion Ratio Lower Upper

149 100

167 25.8 19.8 29.8

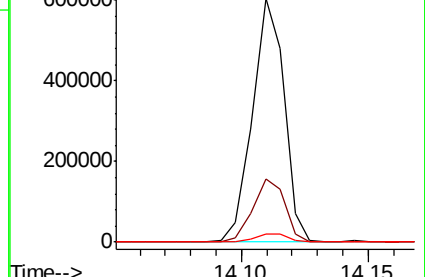
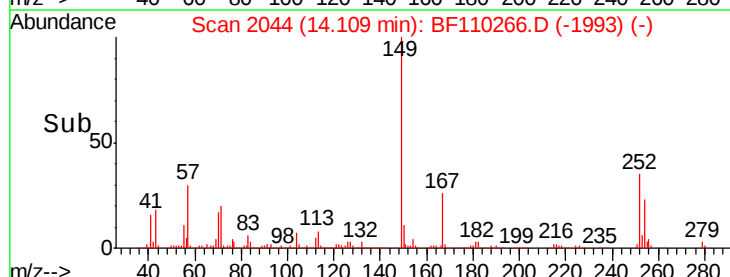
279 3.4 2.7 4.1

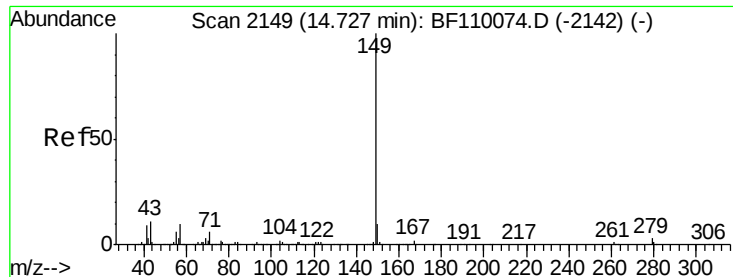


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

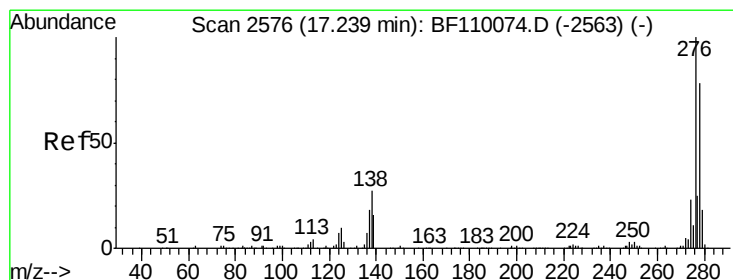
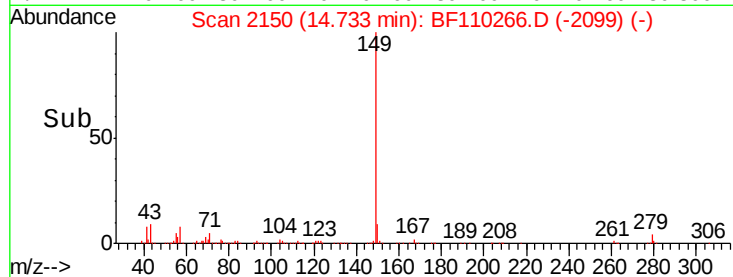
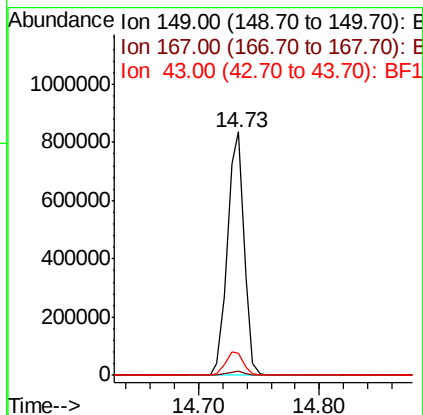
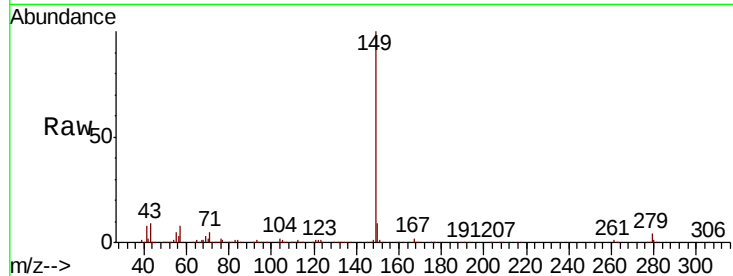




#85
Di-n-octyl phthalate
Concen: 39.343 ng
RT: 14.73 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

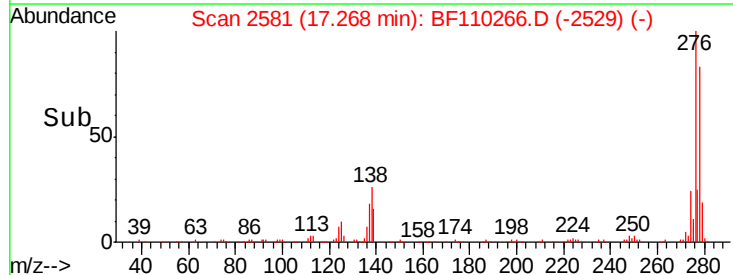
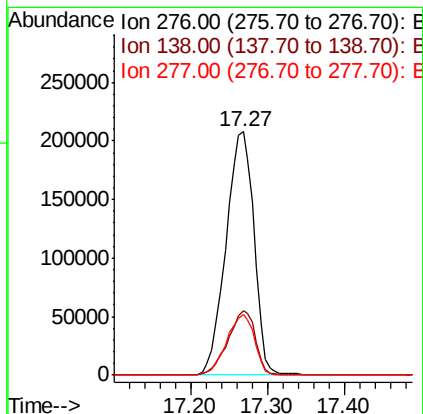
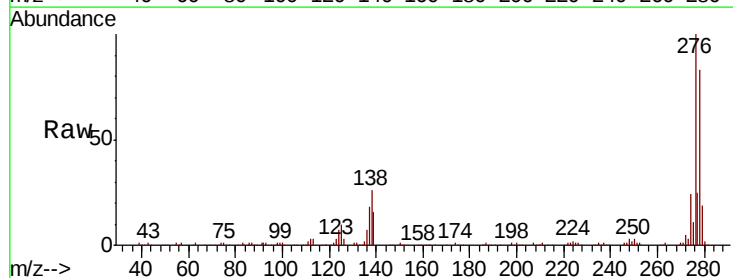
Instrument :
BNA_F
ClientSampleId :

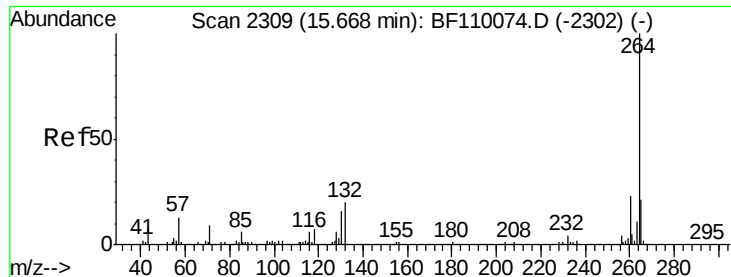
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.1	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.378 ng
RT: 17.27 min Scan# 2581
Delta R.T. 0.01 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.5	27.7
277	24.9	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Instrument :

BNA_F

ClientSampleId :

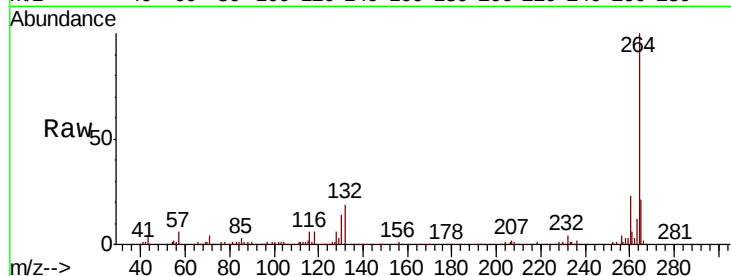
Tot Ion:264 Resp: 236285

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

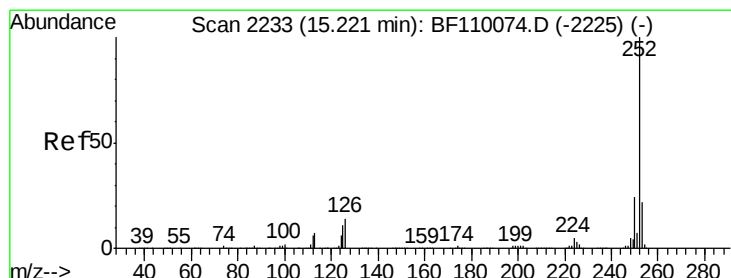
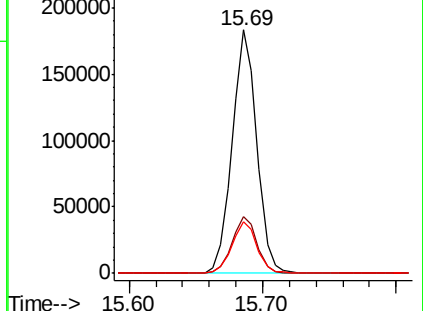
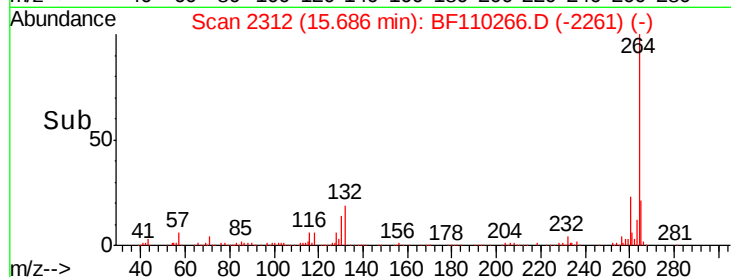
265 21.2 16.7 25.1



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: 40.845 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

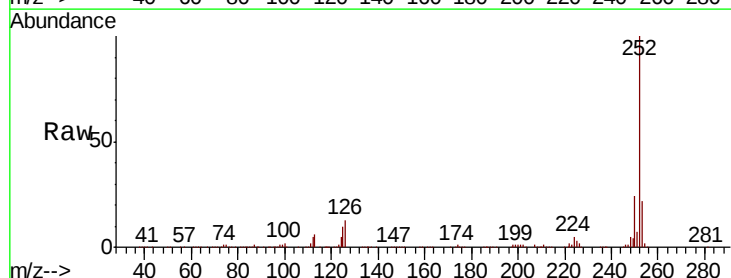
Tgt Ion:252 Resp: 557309

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

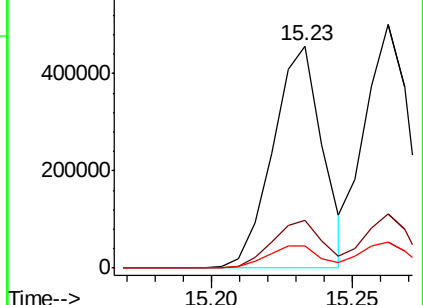
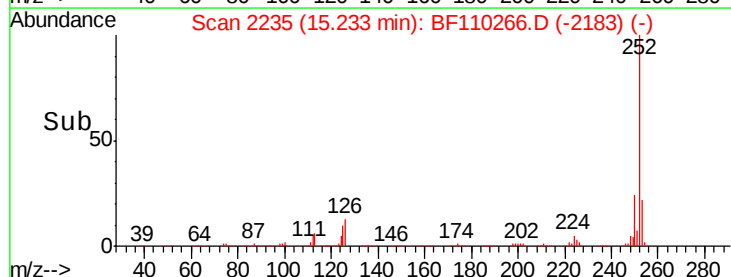
125 9.9 8.2 12.4

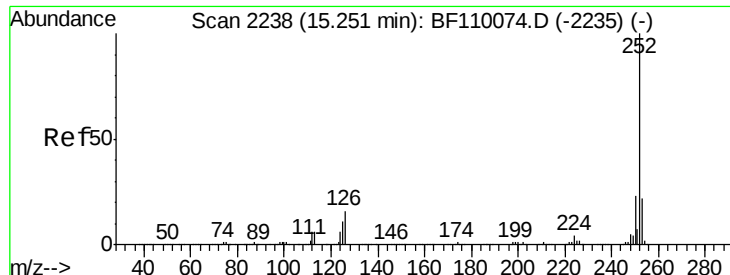


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

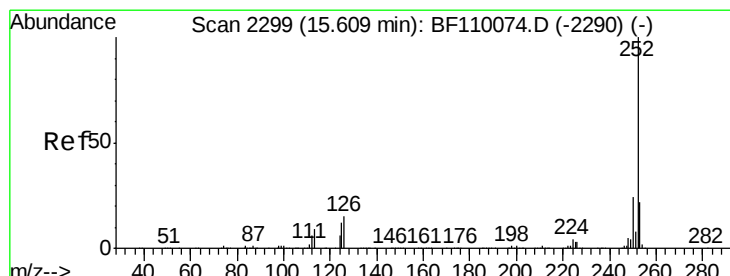
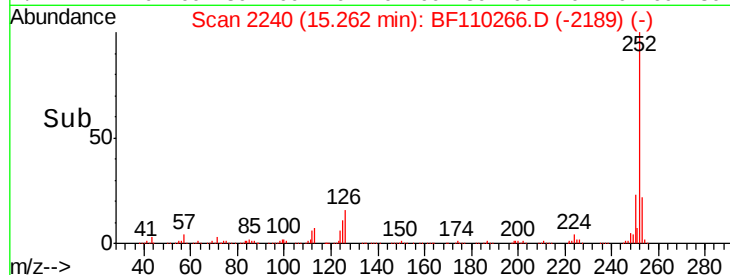
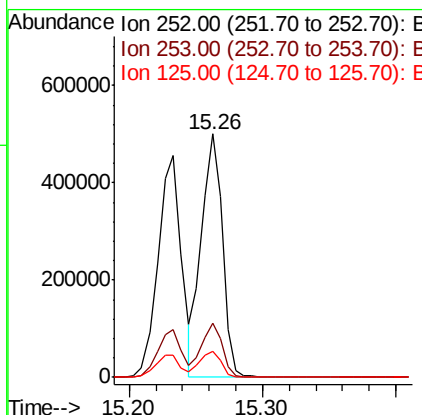
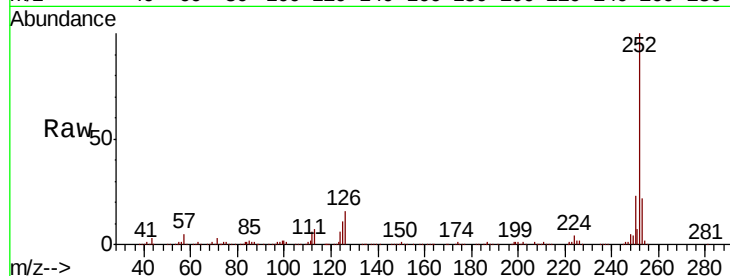




#89
Benzo(k)fluoranthene
Concen: 40.792 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

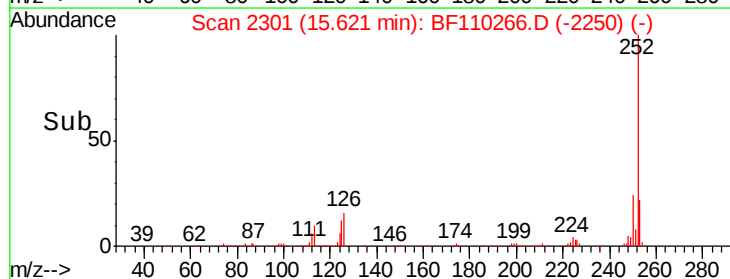
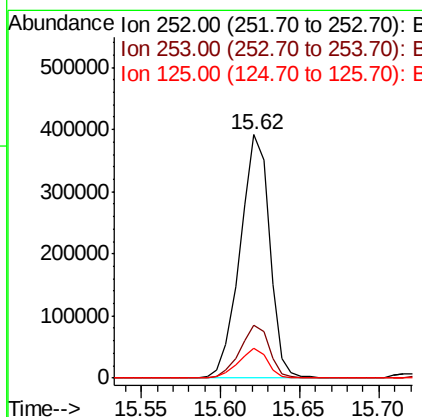
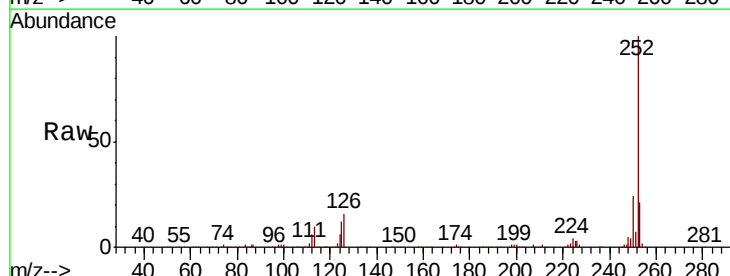
Instrument :
BNA_F
ClientSampleId :

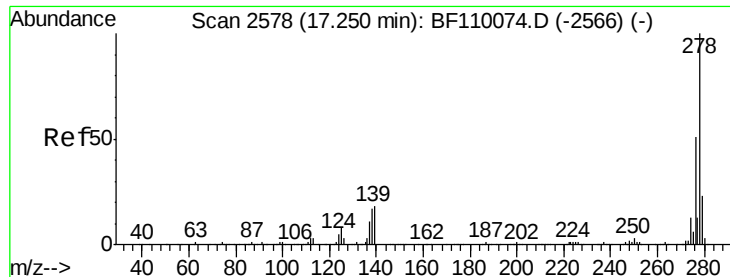
Tot Ion:252 Resp: 547187
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.430 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110266.D
Acq: 29 Oct 2018 17:03

Tgt Ion:252 Resp: 507608
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 12.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 40.076 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

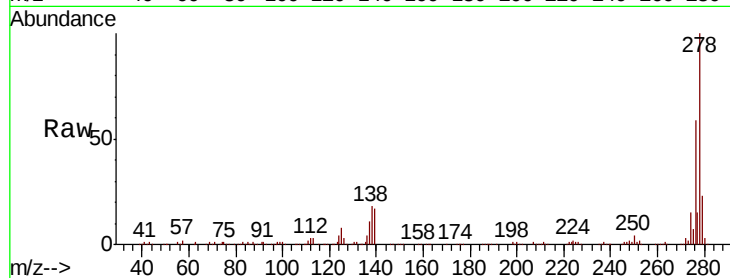
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 434159

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	23.2	19.0	28.4

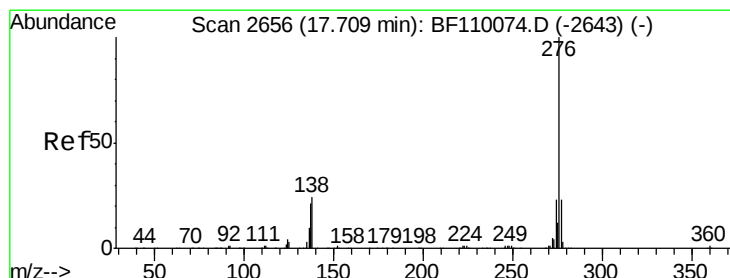
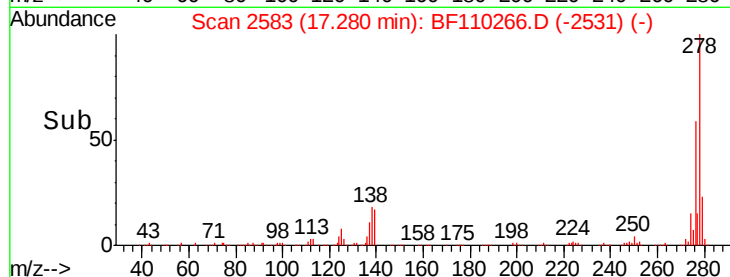
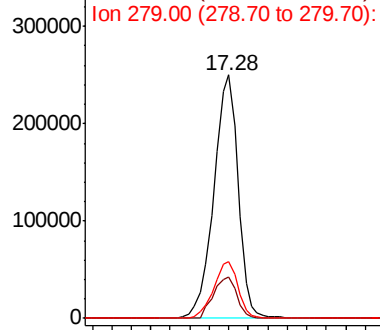


Abundance

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: 40.187 ng

RT: 17.74 min Scan# 2662

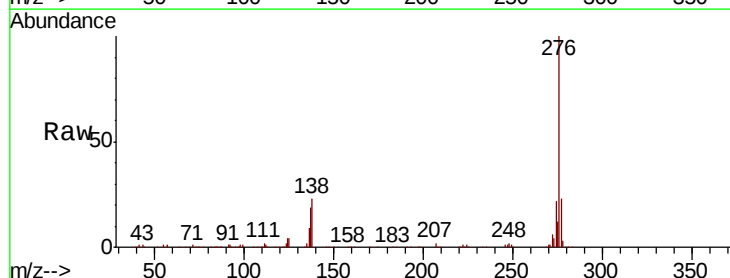
Delta R.T. 0.01 min

Lab File: BF110266.D

Acq: 29 Oct 2018 17:03

Tgt Ion:276 Resp: 429012

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.8	28.2
138	23.2	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

