

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099552.D
 Acq On : 16 Oct 2017 19:03
 Operator : SJ/JU
 Sample : PB103252BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95988	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	396902	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	176880	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	293500	20.00	ng	0.00
75) Chrysene-d12	14.02	240	171188	20.00	ng	0.00
86) Perylene-d12	15.49	264	168800	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	848020	140.64	ng	0.01
7) Phenol-d6	6.49	99	1014394	136.37	ng	0.00
23) Nitrobenzene-d5	7.42	82	605302	97.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	204644	141.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1131222	106.77	ng	0.00
78) Terphenyl-d14	12.96	244	808289	107.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	104771	36.37	ng	94
3) Pyridine	3.47	79	273750	35.13	ng	92
4) n-Nitrosodimethylamine	3.42	42	114229	34.57	ng	# 76
6) Aniline	6.51	93	331828	33.05	ng	# 92
8) 2-Chlorophenol	6.63	128	295232	43.24	ng	97
9) Benzaldehyde	6.40	77	99105	22.97	ng	94
10) Phenol	6.50	94	357430	42.97	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	279036	43.15	ng	95
12) 1,3-Dichlorobenzene	6.79	146	318647	44.56	ng	97
13) 1,4-Dichlorobenzene	6.86	146	320280	44.02	ng	98
14) 1,2-Dichlorobenzene	7.02	146	296944	44.17	ng	98
15) Benzyl Alcohol	6.99	79	217571	39.87	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	377976	37.51	ng	86
17) 2-Methylphenol	7.10	107	245527	43.94	ng	97
18) Hexachloroethane	7.35	117	109852	42.00	ng	97
19) n-Nitroso-di-n-propylamine	7.26	70	183743	38.69	ng	91
20) 3+4-Methylphenols	7.26	107	286998	40.60	ng	# 75
22) Acetophenone	7.26	105	381434	39.67	ng	# 96
24) Nitrobenzene	7.43	77	285996	40.74	ng	95
25) Isophorone	7.67	82	543198	42.45	ng	99
26) 2-Nitrophenol	7.75	139	165873	49.13	ng	92
27) 2,4-Dimethylphenol	7.78	122	262241	41.13	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	350846	44.00	ng	99
29) 2,4-Dichlorophenol	7.99	162	248032	45.31	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	252029	46.03	ng	99
31) Naphthalene	8.15	128	832722	44.67	ng	100
32) Benzoic acid	7.92	122	111776	21.34	ng	93
33) 4-Chloroaniline	8.20	127	240546	30.90	ng	95
34) Hexachlorobutadiene	8.26	225	123728	43.88	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	255208	41.48	ng	91
37) 2-Methylnaphthalene	8.84	142	572454	47.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228783	43.37	ng	99
40) Hexachlorocyclopentadiene	8.99	237	87423	36.26	ng	99
42) 2,4,6-Trichlorophenol	9.12	196	158242	42.34	ng	99

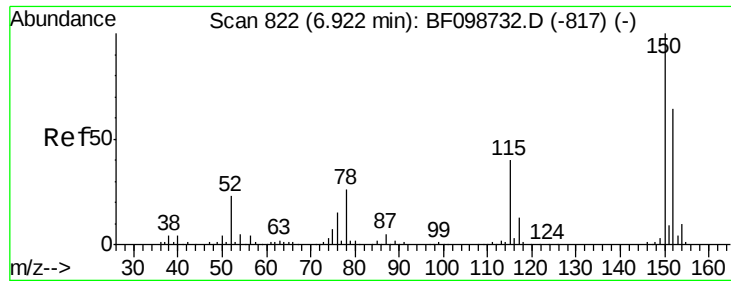
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099552.D
 Acq On : 16 Oct 2017 19:03
 Operator : SJ/JU
 Sample : PB103252BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:27:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	162315	43.51	nq	95
45) 1,1'-Biphenyl	9.30	154	659326	43.37	nq	98
46) 2-Chloronaphthalene	9.33	162	513583	45.00	nq	96
47) 2-Nitroaniline	9.43	65	148007	42.35	nq	92
48) Acenaphthylene	9.75	152	776753	44.46	nq	99
49) Dimethylphthalate	9.60	163	618514	46.33	nq	99
50) 2,6-Dinitrotoluene	9.67	165	136233	46.87	nq	89
51) Acenaphthene	9.92	154	452991	40.93	nq	99
52) 3-Nitroaniline	9.85	138	127229	37.54	nq	94
53) 2,4-Dinitrophenol	9.96	184	63960	45.02	nq	# 88
54) Dibenzofuran	10.09	168	667412	45.29	nq	99
55) 4-Nitrophenol	10.02	139	179332	62.58	nq	82
56) 2,4-Dinitrotoluene	10.09	165	165565	43.89	nq	# 94
57) Fluorene	10.43	166	533070	45.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118418	45.95	nq	97
59) Diethylphthalate	10.30	149	577993	44.31	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	245882	46.21	nq	98
61) 4-Nitroaniline	10.47	138	145999	44.66	nq	86
62) Azobenzene	10.59	77	519256	43.29	nq	91
64) 4,6-Dinitro-2-methylphenol	10.50	198	54814	30.70	nq	# 78
65) n-Nitrosodiphenylamine	10.55	169	482304	47.43	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	140561	48.93	nq	# 87
67) Hexachlorobenzene	10.99	284	136806	44.59	nq	# 90
68) Atrazine	11.07	200	151370	49.48	nq	98
69) Pentachlorophenol	11.18	266	107559	56.32	nq	99
70) Phenanthrene	11.40	178	713633	45.42	nq	99
71) Anthracene	11.45	178	746154	46.42	nq	99
72) Carbazole	11.61	167	677692	43.05	nq	99
73) Di-n-butylphthalate	11.93	149	871275	45.98	nq	98
74) Fluoranthene	12.59	202	655314	41.19	nq	99
76) Benzidine	12.71	184	308508	48.72	nq	98
77) Pyrene	12.82	202	642415	49.21	nq	99
79) Butylbenzylphthalate	13.42	149	305681	49.83	nq	98
80) Benzo(a)anthracene	14.01	228	484505	46.74	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	156826	41.27	nq	99
82) Chrysene	14.04	228	449612	45.56	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	397121	47.01	nq	# 99
84) Di-n-octyl phthalate	14.59	149	635015	46.68	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	497832	63.06	nq	96
87) Benzo(b)fluoranthene	15.06	252	462968	44.61	nq	99
88) Benzo(k)fluoranthene	15.09	252	428505	41.80	nq	99
89) Benzo(a)pyrene	15.43	252	447125	46.93	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	419896	55.07	nq	98
91) Benzo(g,h,i)perylene	17.43	276	415522	55.14	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampled :

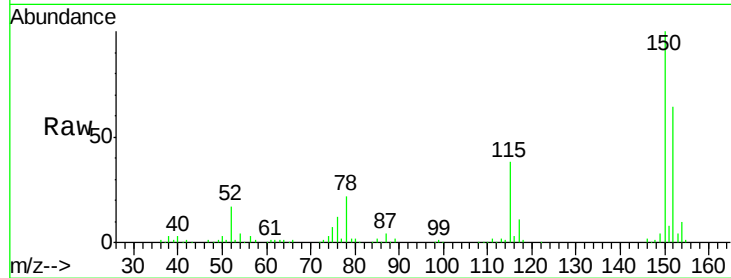
Tot Ion:152 Resp: 95988

Ion Ratio Lower Upper

152 100

150 156.2 124.6 186.8

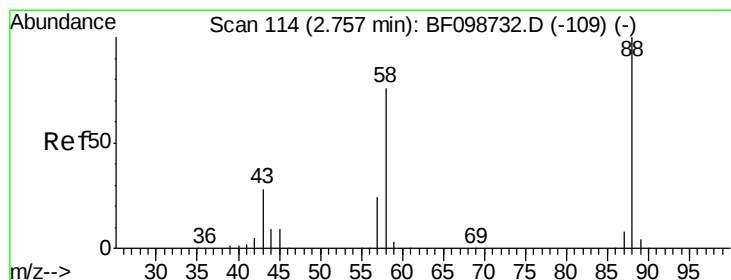
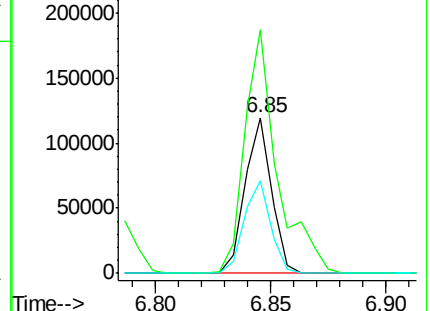
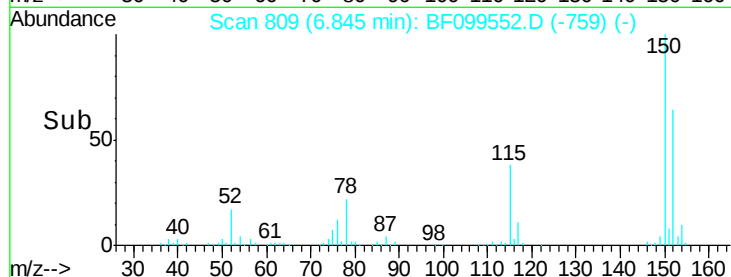
115 59.4 50.1 75.1



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: 36.37 ng

RT: 2.69 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

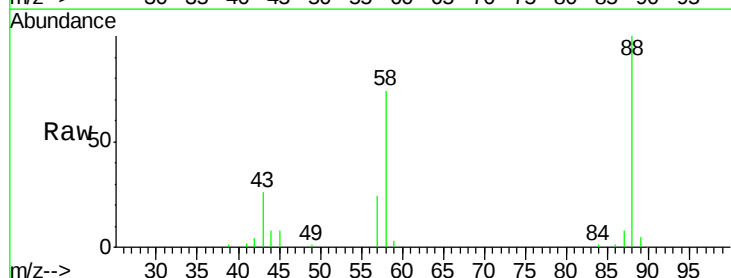
Tgt Ion: 88 Resp: 104771

Ion Ratio Lower Upper

88 100

58 74.7 62.6 93.8

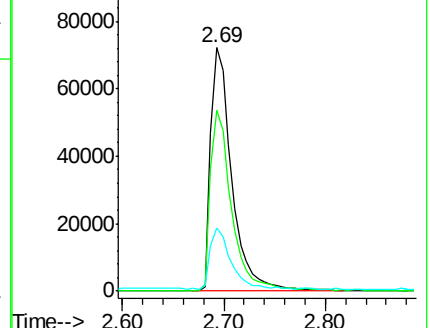
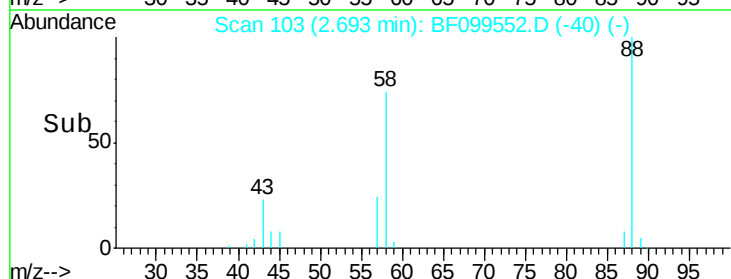
43 25.5 24.6 37.0

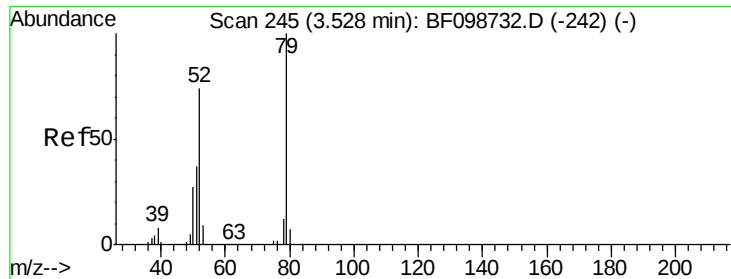


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.13 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.07 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

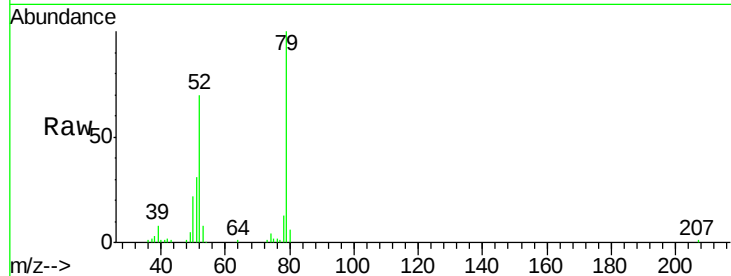
Tot Ion: 79 Resp: 273750

Ion Ratio Lower Upper

79 100

52 69.7 59.8 89.6

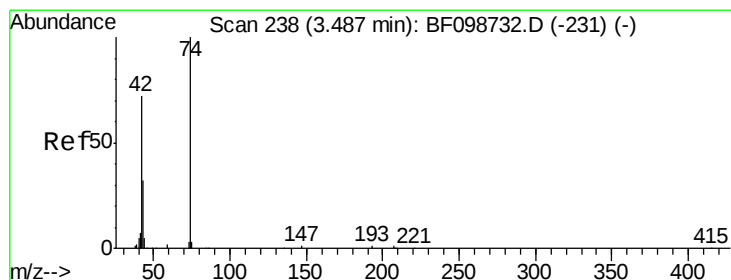
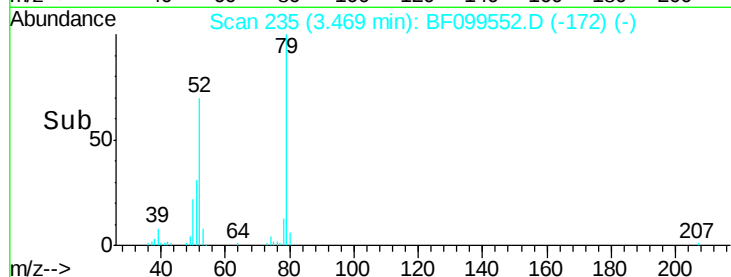
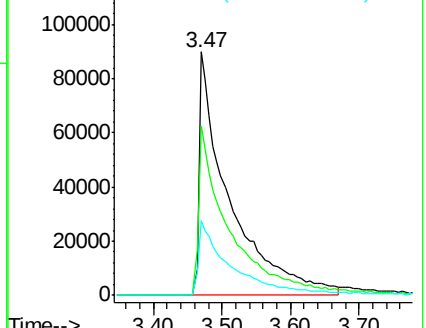
51 30.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.57 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

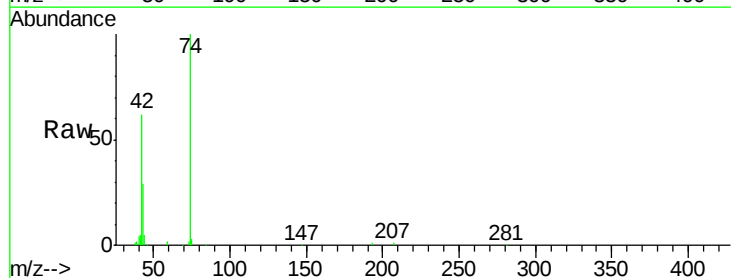
Tgt Ion: 42 Resp: 114229

Ion Ratio Lower Upper

42 100

74 160.9 104.9 157.3#

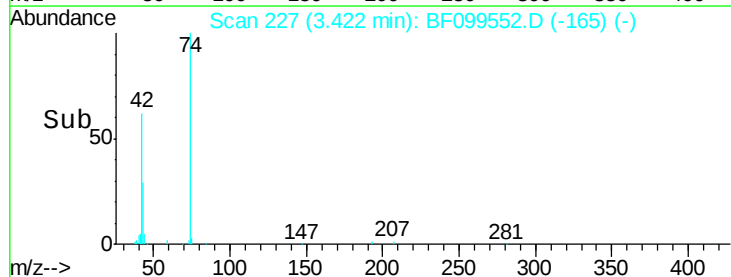
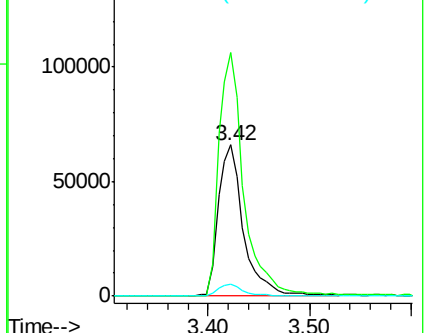
44 7.8 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 140.64 ng

RT: 5.48 min Scan# 577

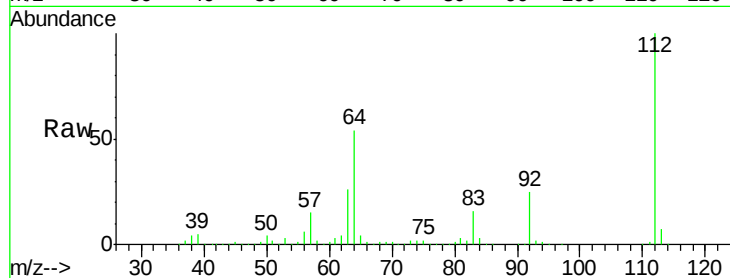
Delta R.T. 0.01 min

Lab File: BF099552.D

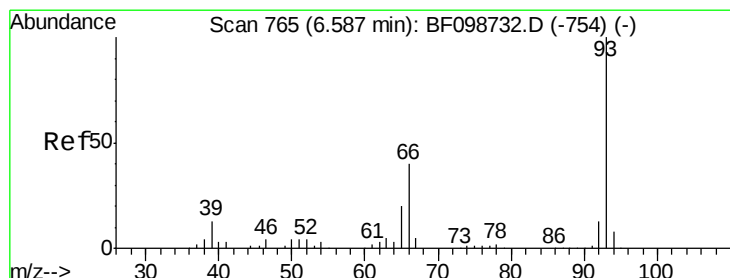
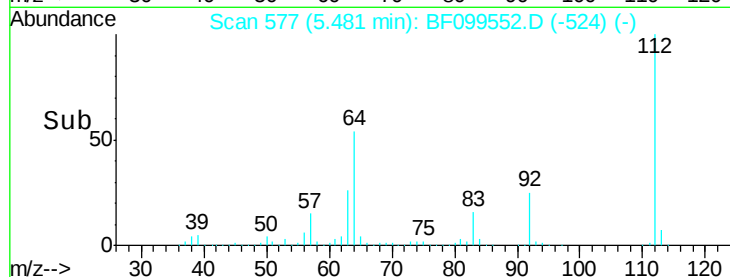
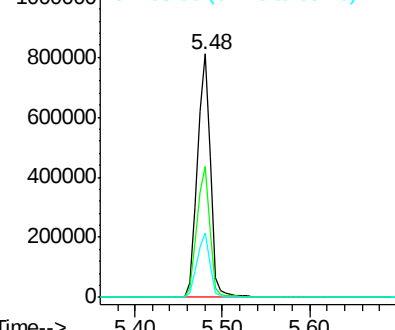
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	848020
Ion	Ratio	Lower	Upper
112	100		
64	53.9	47.9	71.9
63	26.3	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 33.05 ng

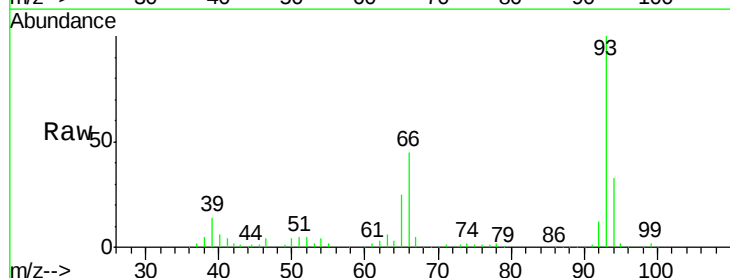
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

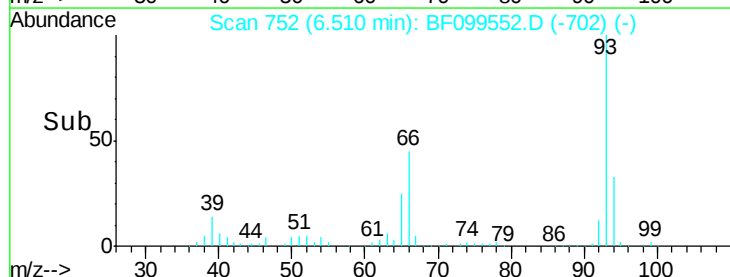
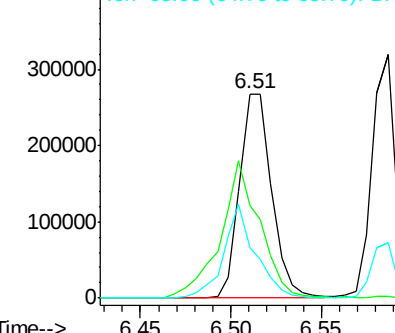
Lab File: BF099552.D

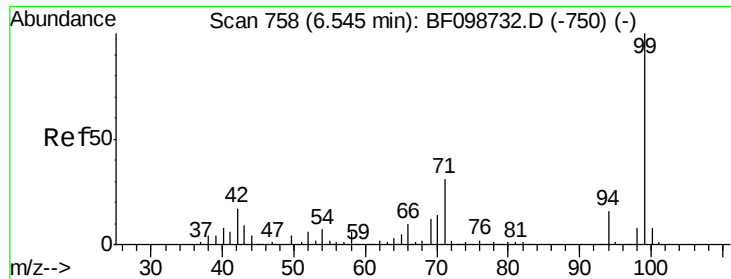
Acq: 16 Oct 2017 19:03

Tgt Ion:	93	Resp:	331828
Ion	Ratio	Lower	Upper
93	100		
66	45.0	32.2	48.2
65	24.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 136.37 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

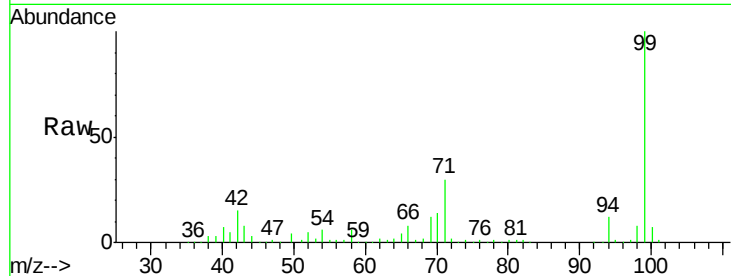
Tot Ion: 99 Resp: 1014394

Ion Ratio Lower Upper

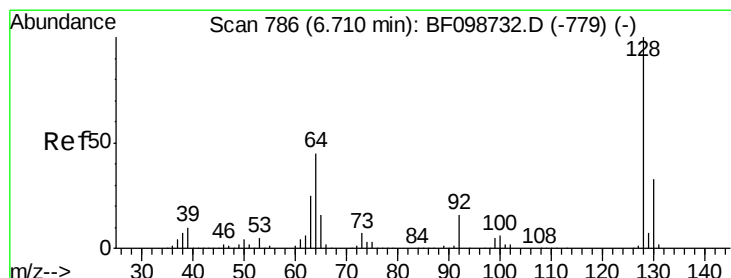
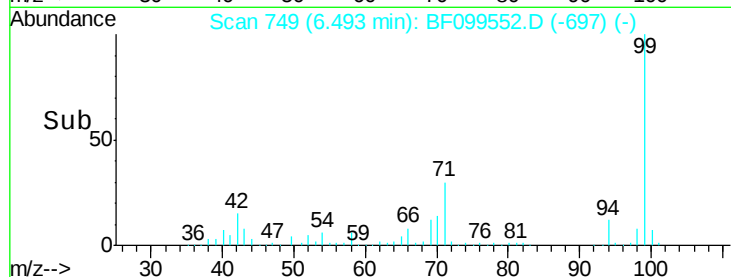
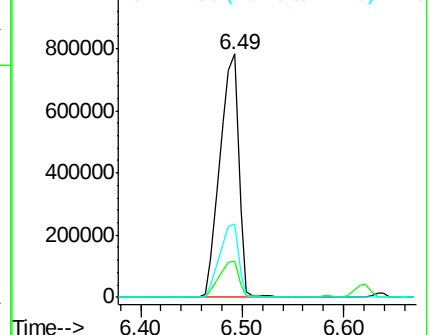
99 100

42 14.9 14.5 21.7

71 30.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.24 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

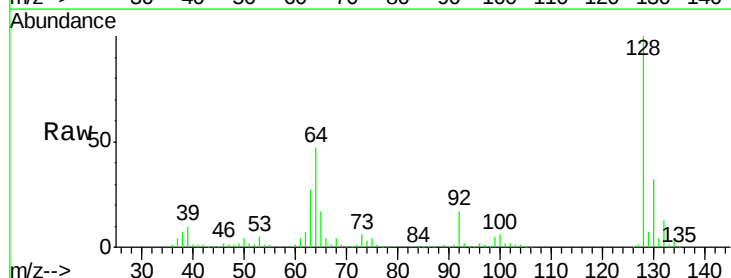
Tgt Ion: 128 Resp: 295232

Ion Ratio Lower Upper

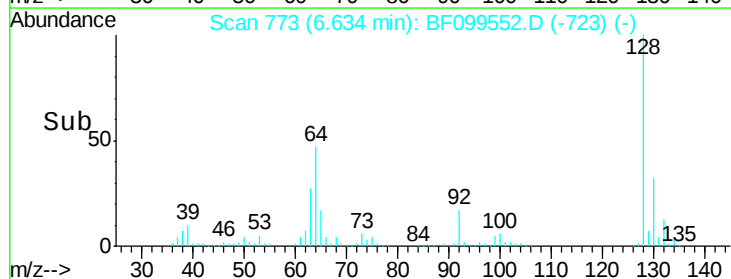
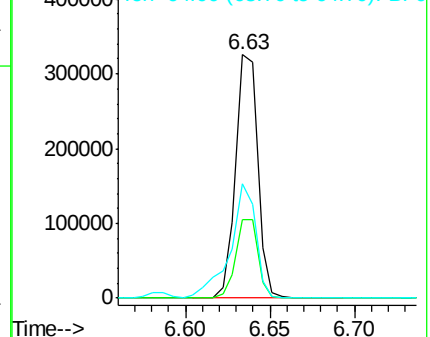
128 100

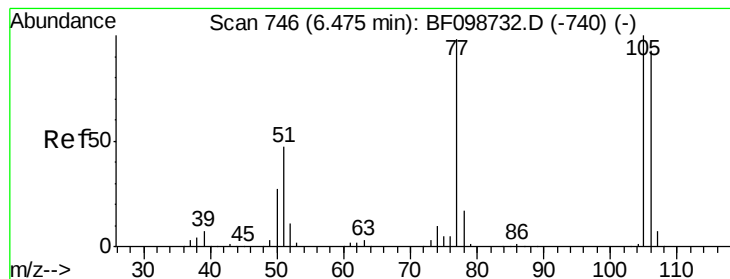
130 32.0 13.0 53.0

64 46.8 29.4 69.4



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): BF0





#9

Benzaldehyde

Concen: 22.97 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

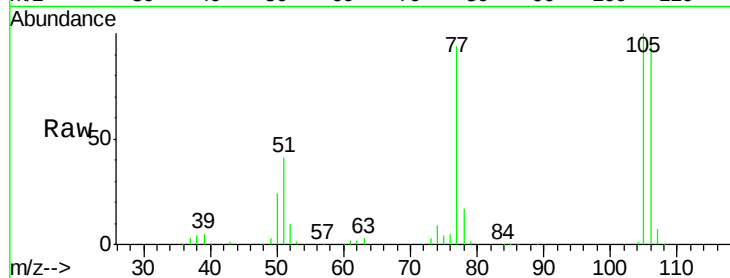
Tot Ion: 77 Resp: 99105

Ion Ratio Lower Upper

77 100

105 106.6 81.1 121.1

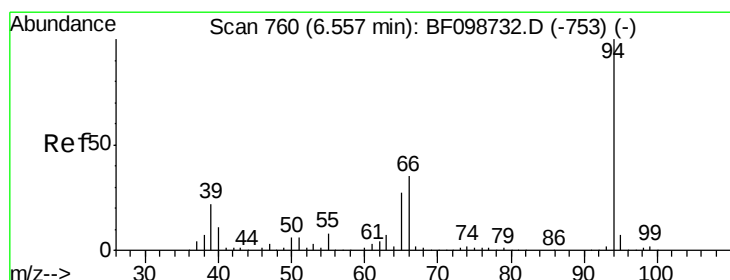
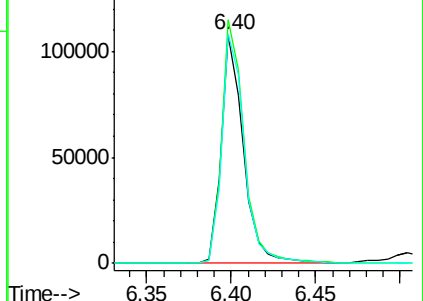
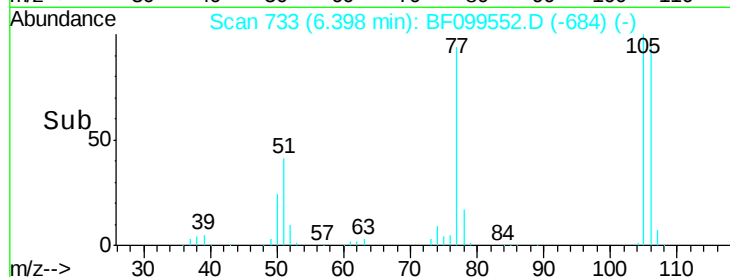
106 100.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.97 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

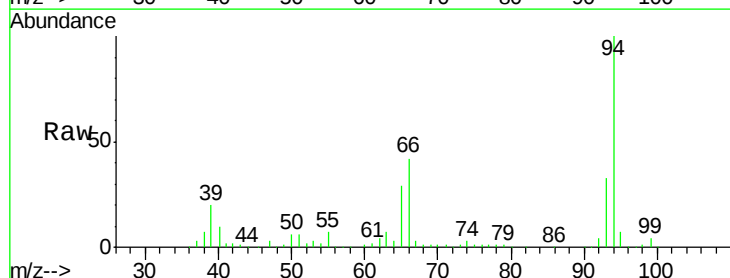
Tgt Ion: 94 Resp: 357430

Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

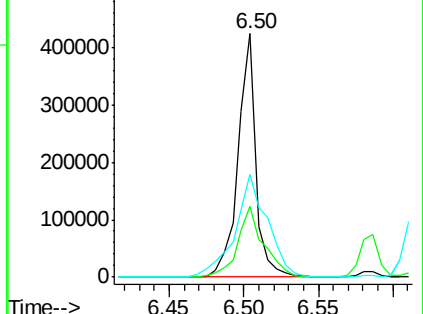
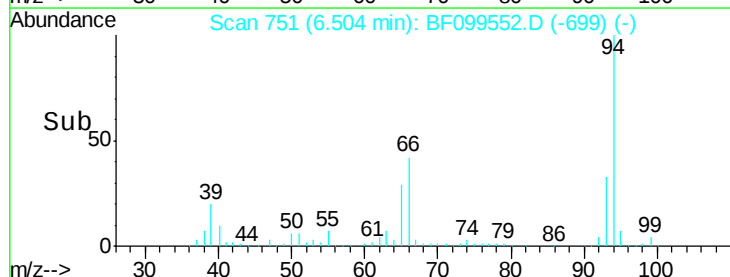
66 42.3 16.2 56.2

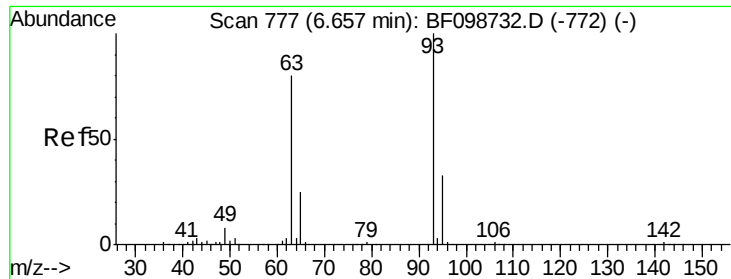


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

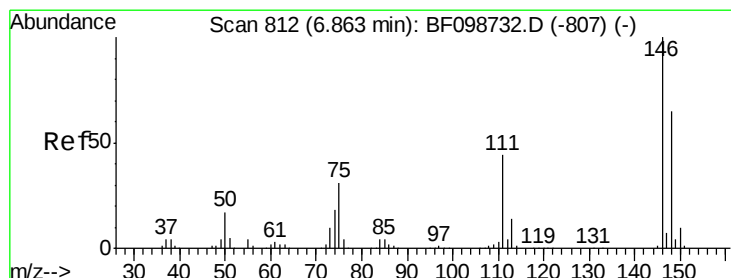
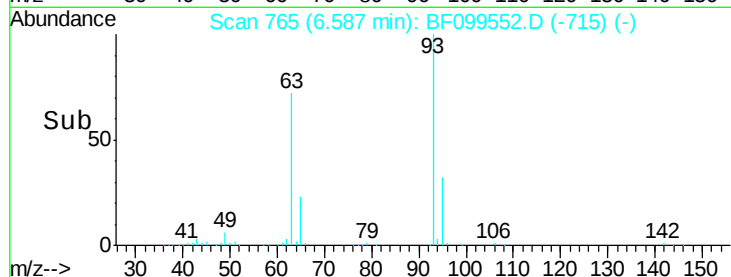
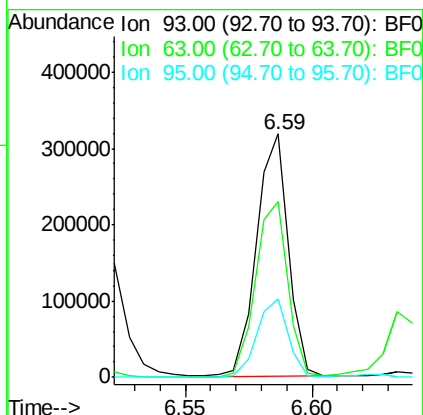
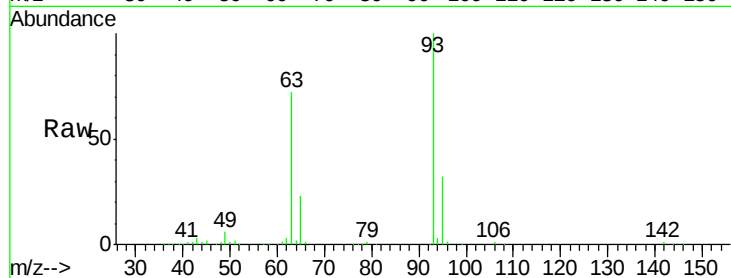




#11
bis(2-Chloroethyl)ether
Concen: 43.15 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

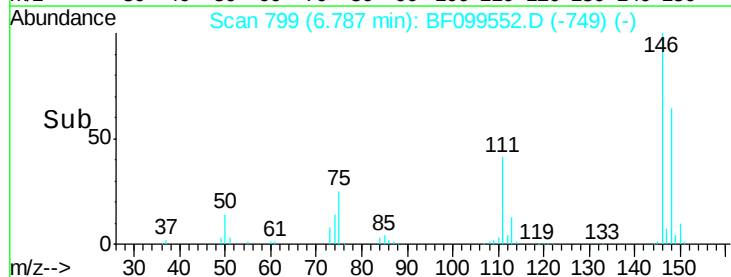
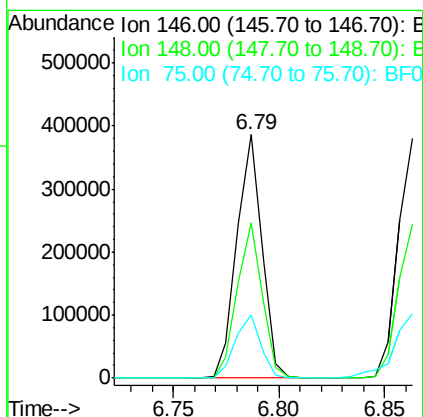
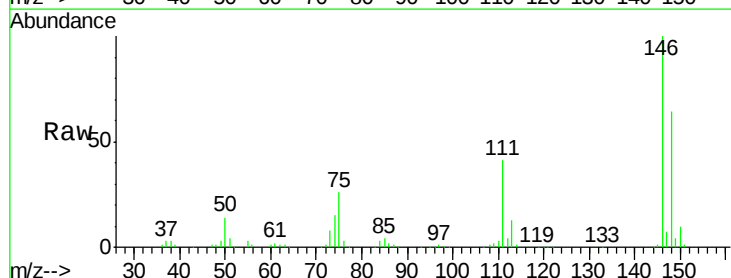
Instrument :
BNA_F
ClientSampleId :

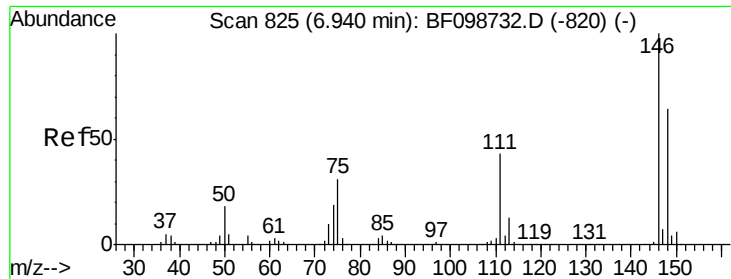
Tot Ion: 93 Resp: 279036
Ion Ratio Lower Upper
93 100
63 72.4 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 44.56 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion: 146 Resp: 318647
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 25.8 24.2 36.4

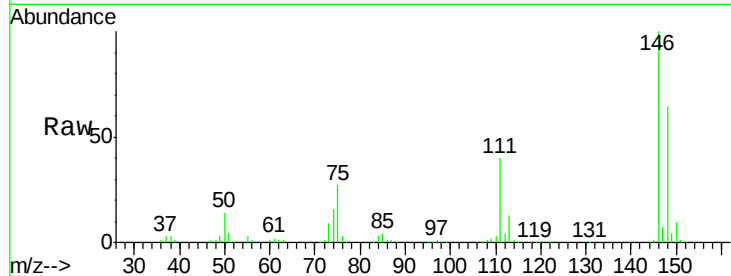




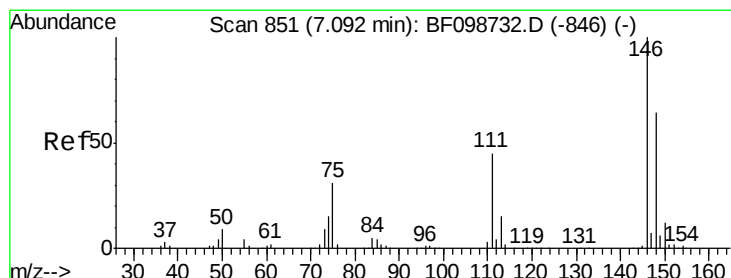
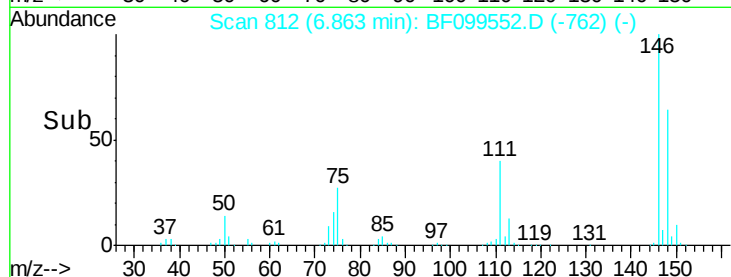
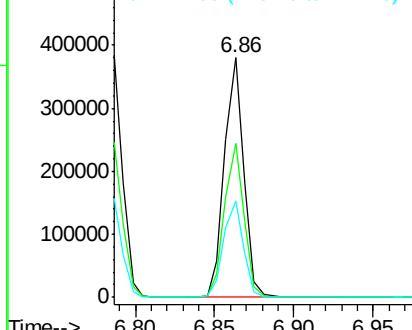
#13
 1,4-Dichlorobenzene
 Concen: 44.02 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 320280
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 40.5 34.2 51.2

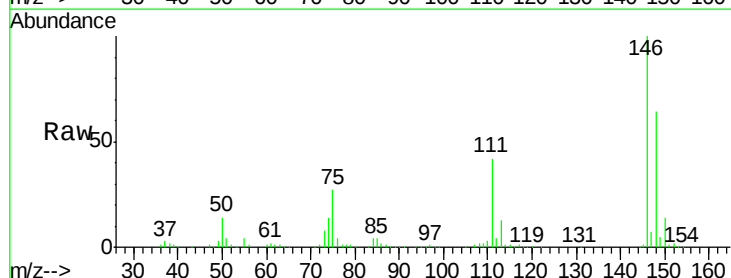


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

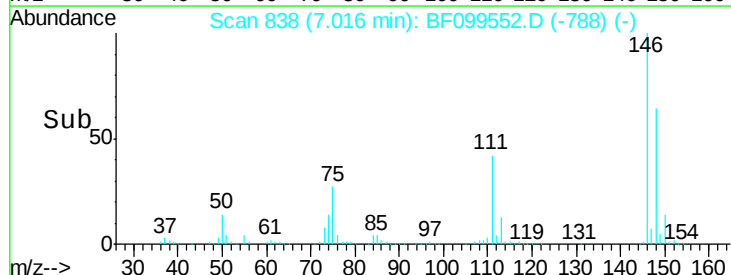
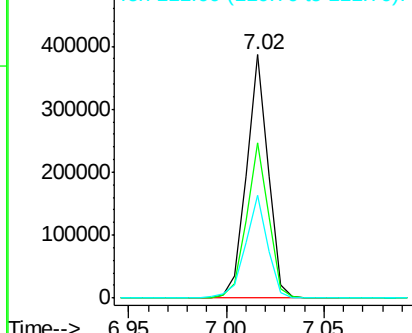


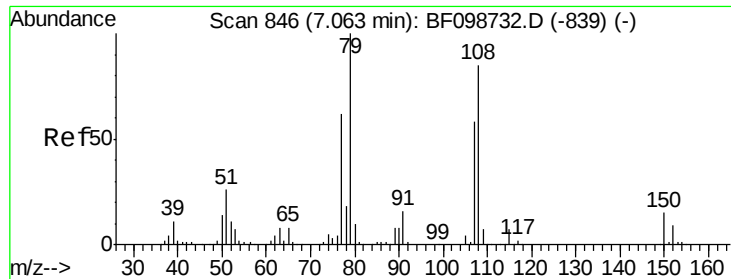
#14
 1,2-Dichlorobenzene
 Concen: 44.17 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:146 Resp: 296944
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 42.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

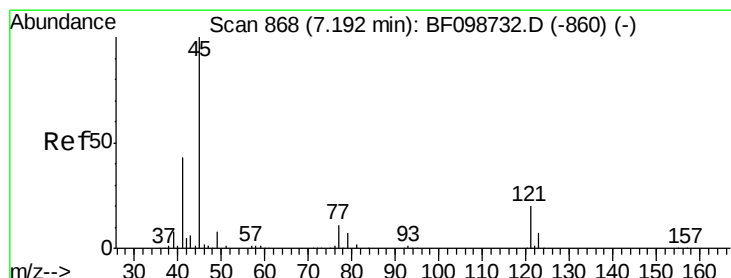
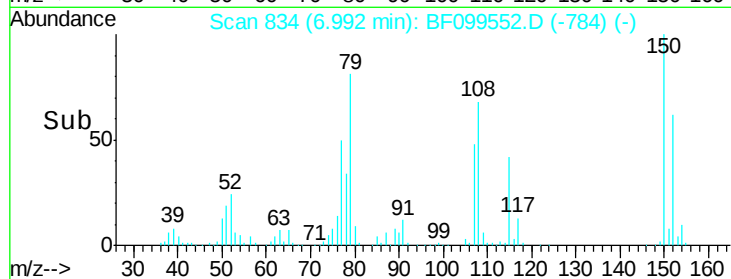
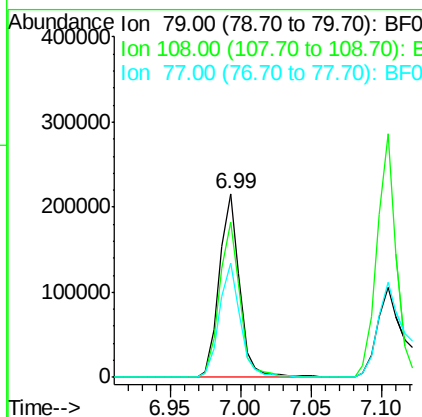
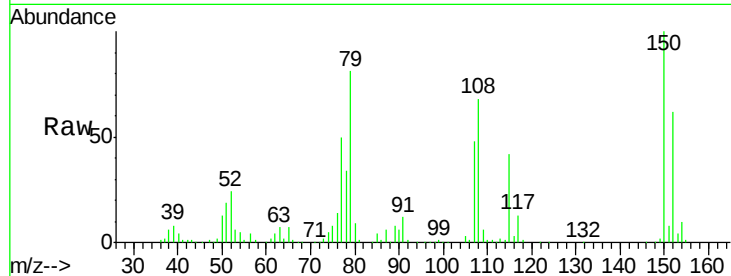




#15
Benzyl Alcohol
Concen: 39.87 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

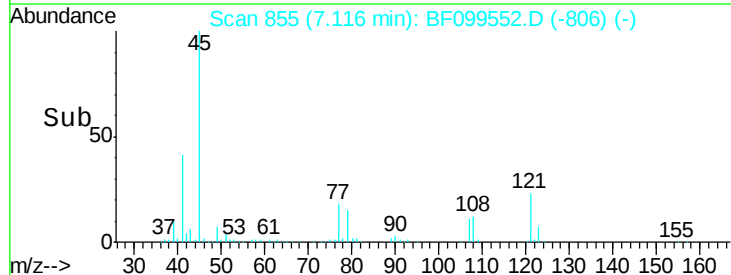
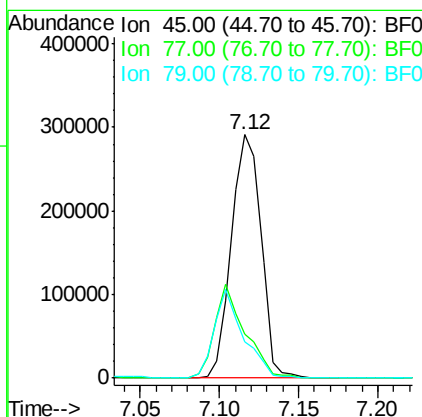
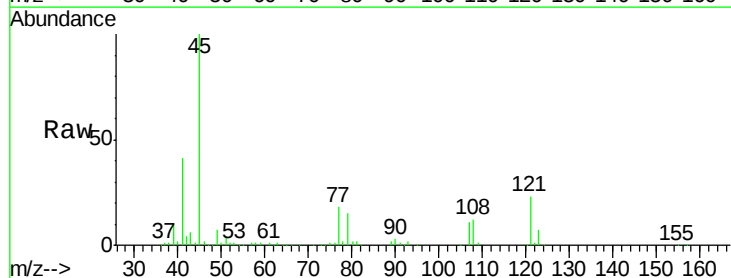
Instrument :
BNA_F
ClientSampled :

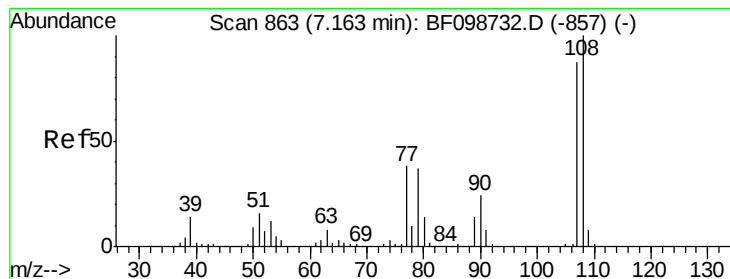
Tot Ion: 79 Resp: 217571
Ion Ratio Lower Upper
79 100
108 84.4 65.1 97.7
77 62.1 50.6 75.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.51 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion: 45 Resp: 377976
Ion Ratio Lower Upper
45 100
77 18.0 0.0 32.9
79 15.0 0.0 29.6





#17

2-Methylphenol

Concen: 43.94 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 245527

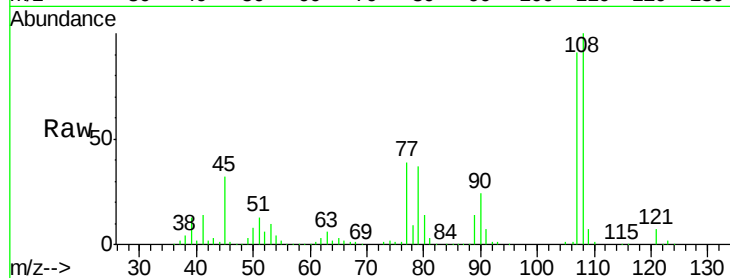
Ion Ratio Lower Upper

107 100

108 109.8 91.7 137.5

77 43.1 33.8 50.8

79 40.7 33.8 50.8

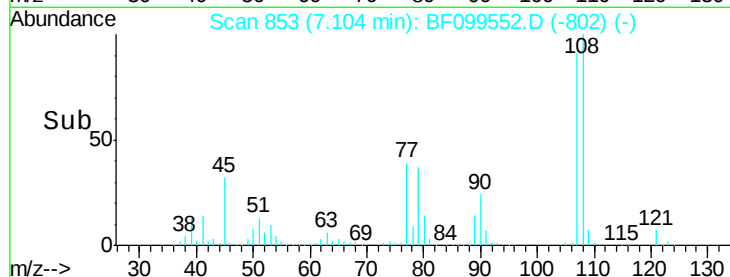


Abundance Ion 107.00 (106.70 to 107.70): E

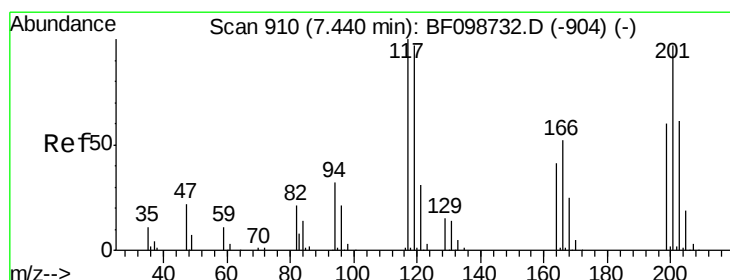
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 42.00 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

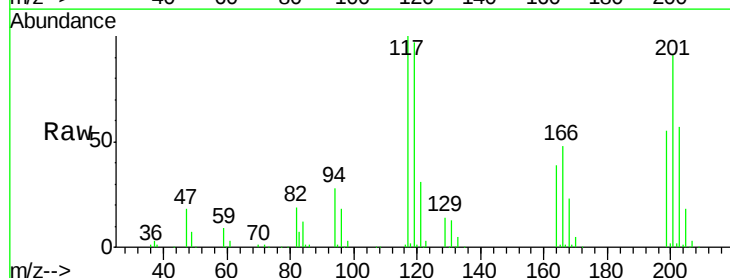
Tgt Ion:117 Resp: 109852

Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.8

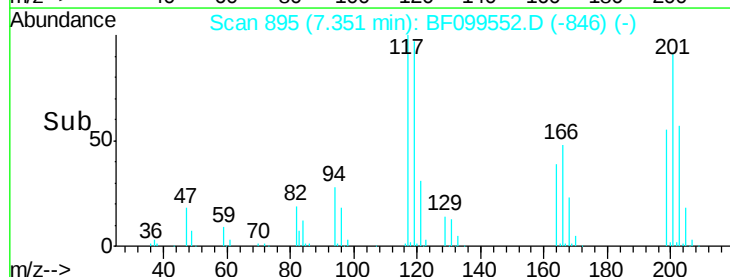
201 91.5 75.7 113.5



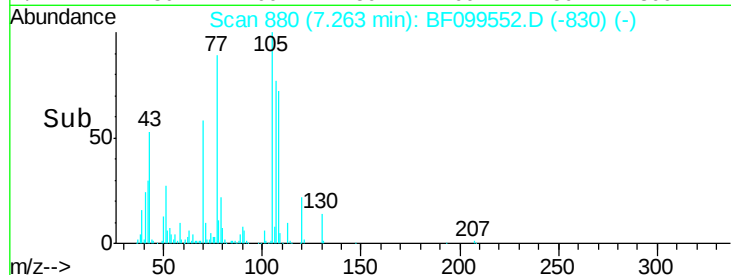
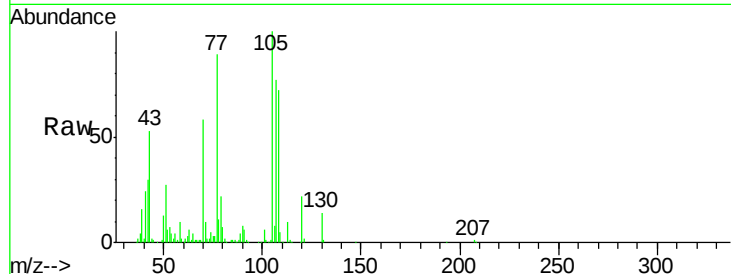
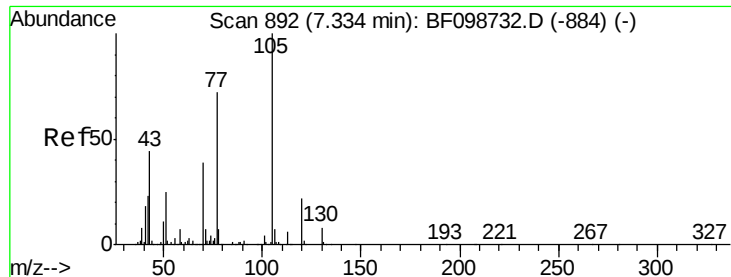
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



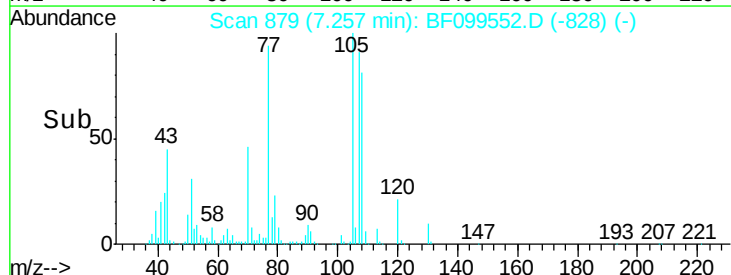
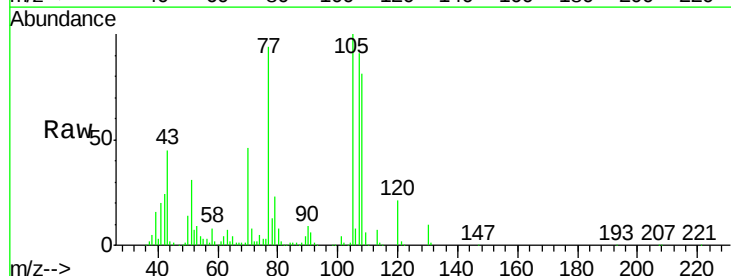
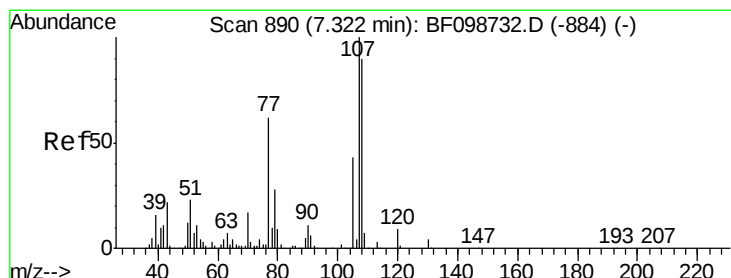
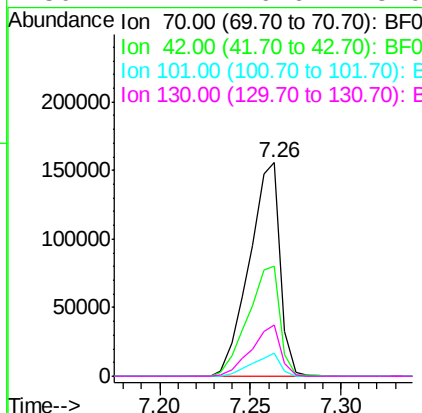
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 38.69 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

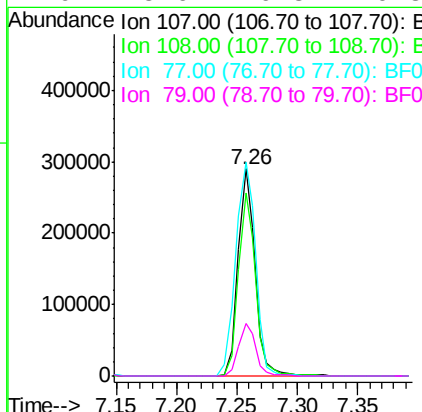
Instrument :
BNA_F
ClientSampleId :

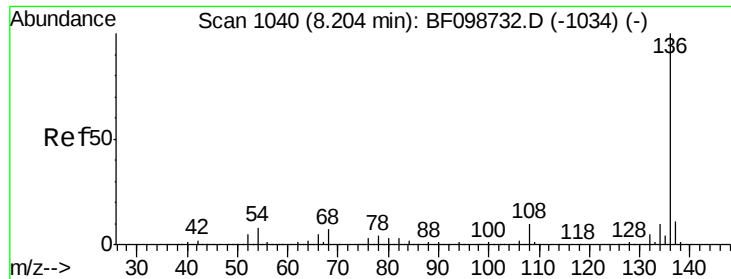
Tot Ion: 70 Resp: 183743
Ion Ratio Lower Upper
70 100
42 51.7 47.5 71.3
101 10.6 7.4 11.2
130 24.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.60 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:107 Resp: 286998
Ion Ratio Lower Upper
107 100
108 88.4 68.2 108.2
77 103.0 26.7 66.7#
79 25.6 6.3 46.3

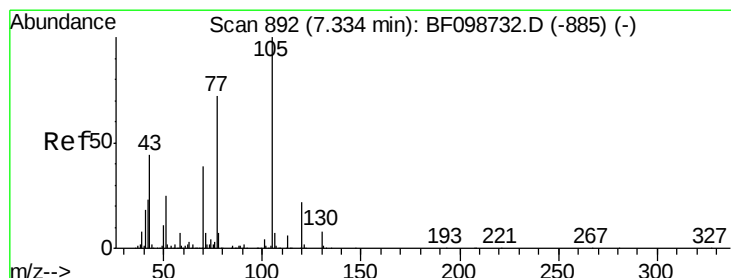
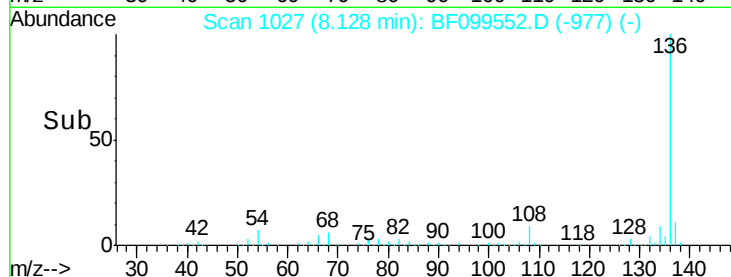
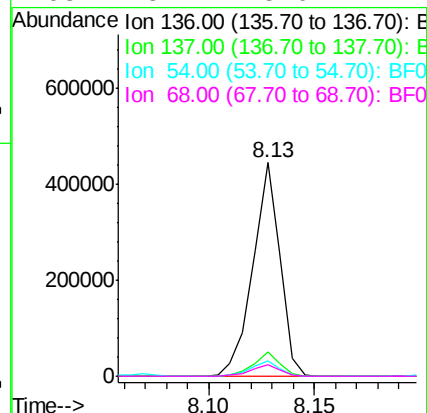
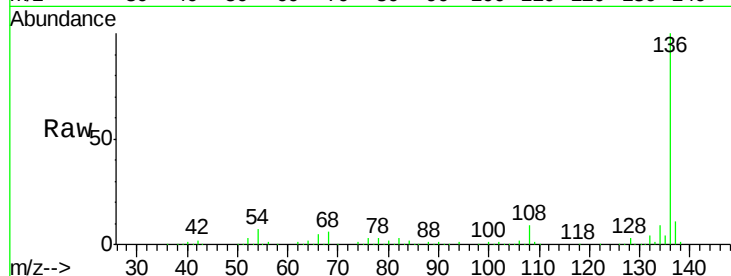




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

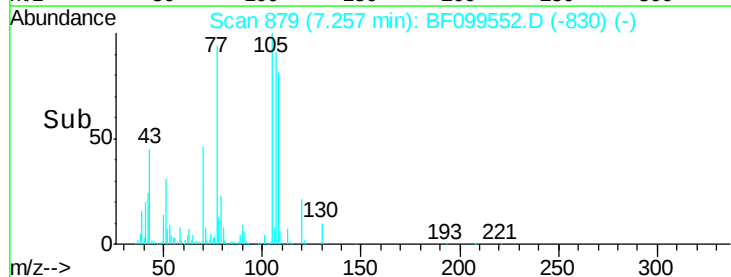
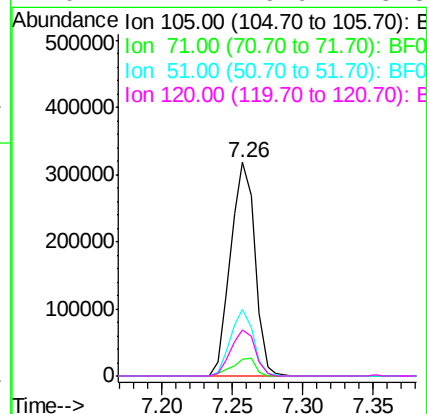
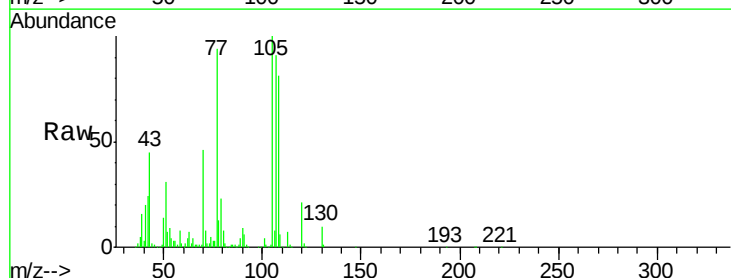
Instrument :
BNA_F
ClientSampleId :

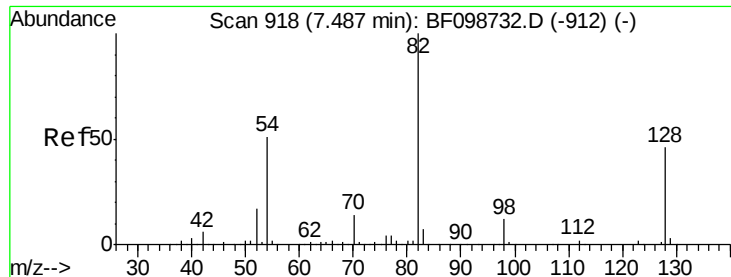
Tot Ion:136	Resp:	396902
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.1	6.6 9.8
68	5.7	5.0 7.4



#22
Acetophenone
Concen: 39.67 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:105	Resp:	381434
Ion Ratio	Lower	Upper
105	100	
71	7.6	4.4 6.6#
51	31.0	22.3 33.5
120	21.4	16.9 25.3

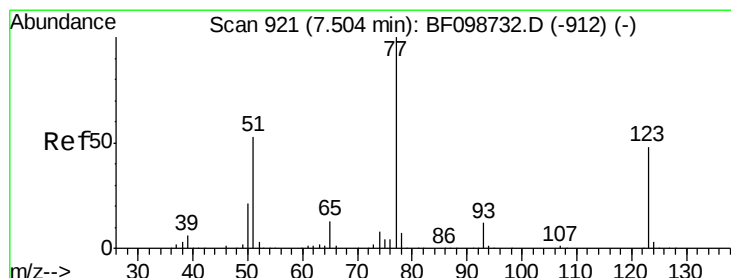
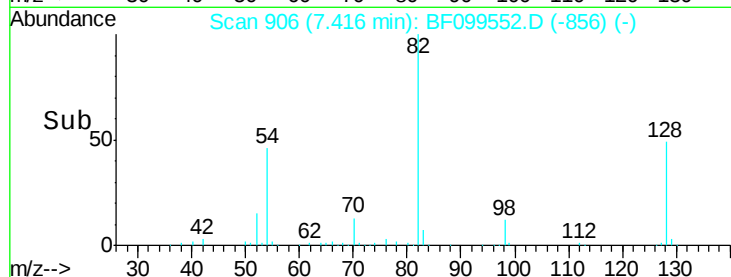
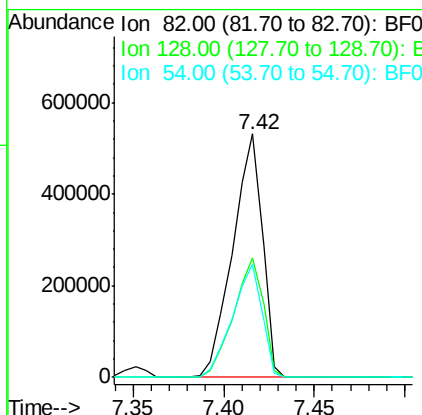
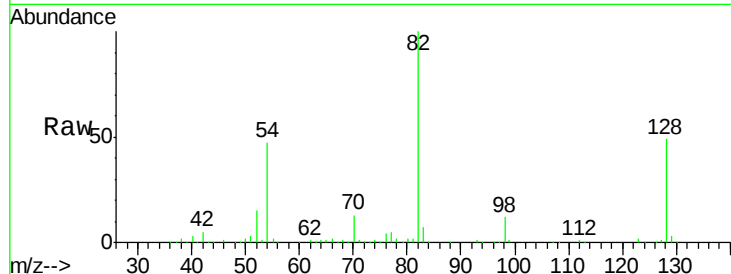




#23
Nitrobenzene-d5
Concen: 97.80 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

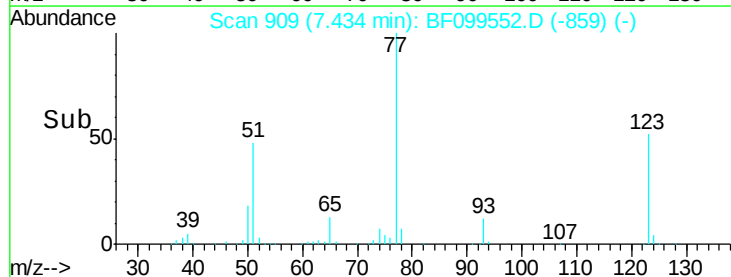
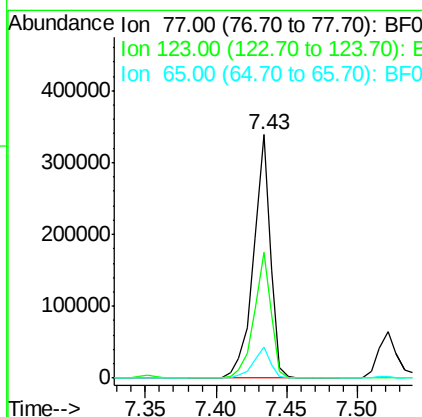
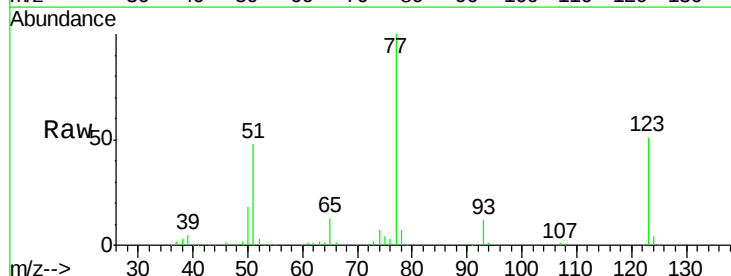
Instrument :
BNA_F
ClientSampleId :

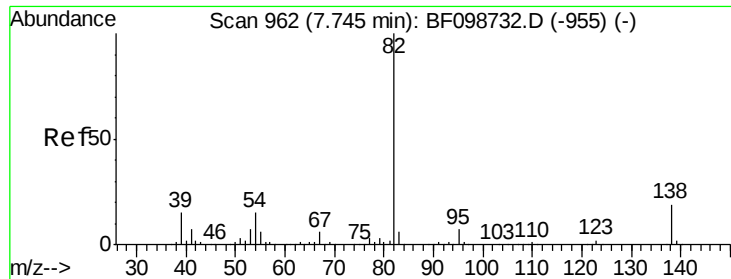
Tot Ion: 82 Resp: 605302
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 46.6 41.4 62.2



#24
Nitrobenzene
Concen: 40.74 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion: 77 Resp: 285996
Ion Ratio Lower Upper
77 100
123 51.5 37.9 56.9
65 12.9 11.0 16.4





#25

Isophorone

Concen: 42.45 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

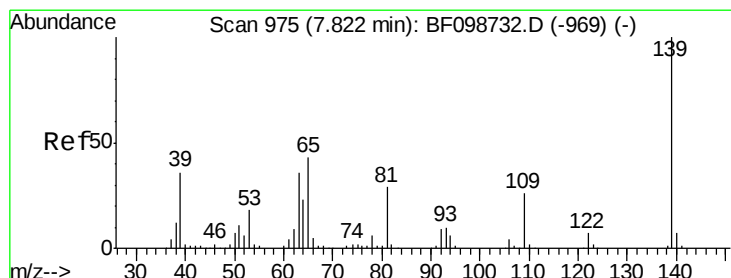
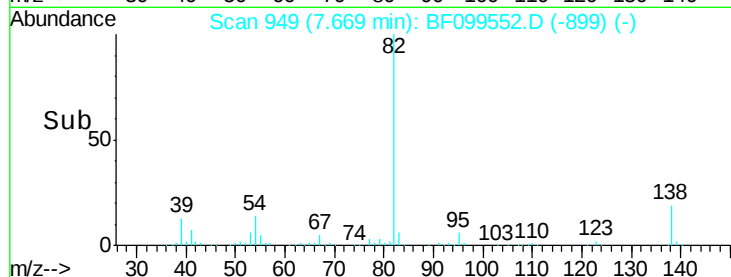
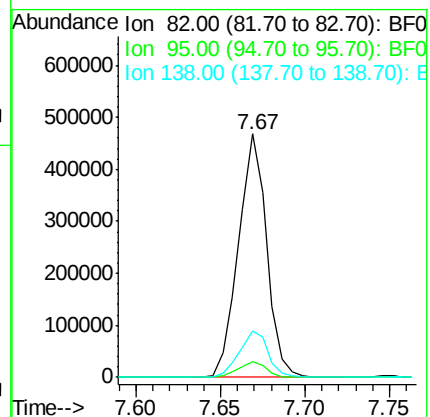
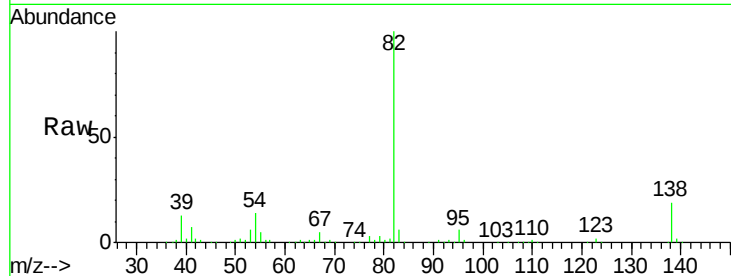
Tot Ion: 82 Resp: 543198

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 49.13 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

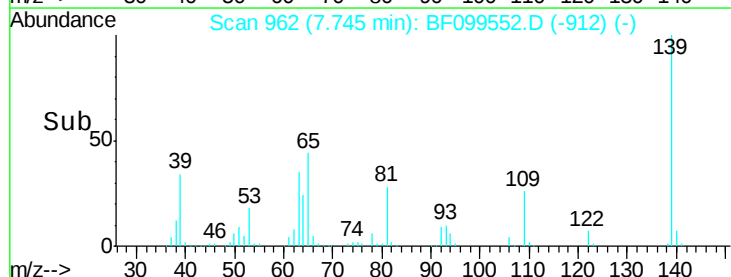
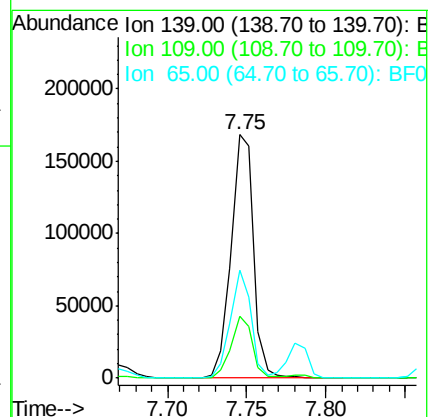
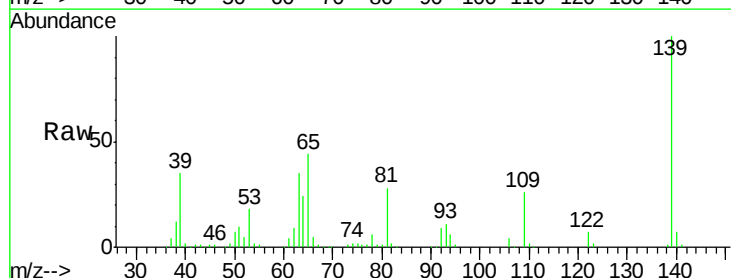
Tgt Ion: 139 Resp: 165873

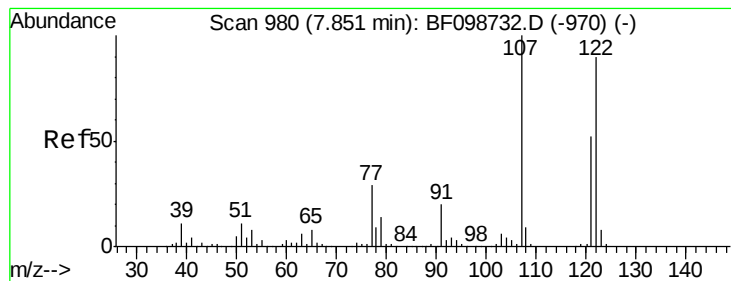
Ion Ratio Lower Upper

139 100

109 25.6 22.7 34.1

65 44.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.13 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

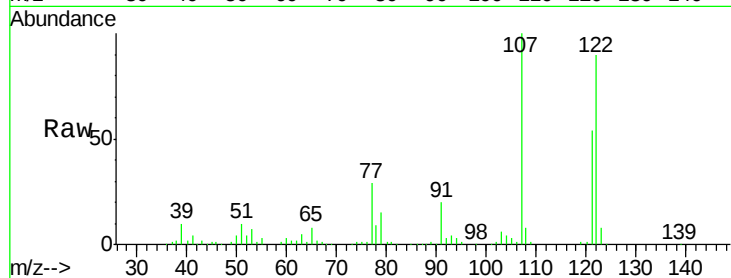
Tot Ion:122 Resp: 262241

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

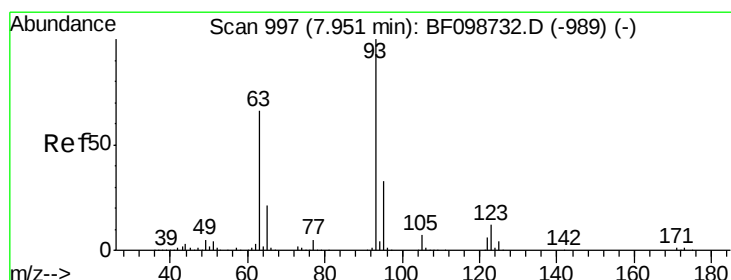
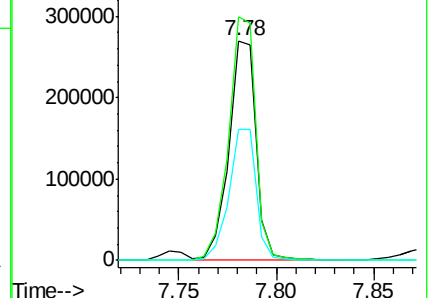
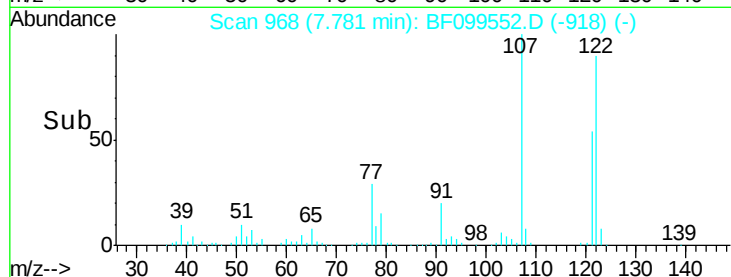
121 59.4 47.2 70.8



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: 44.00 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

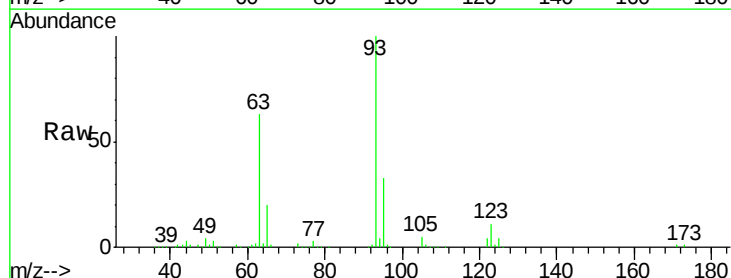
Tgt Ion: 93 Resp: 350846

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

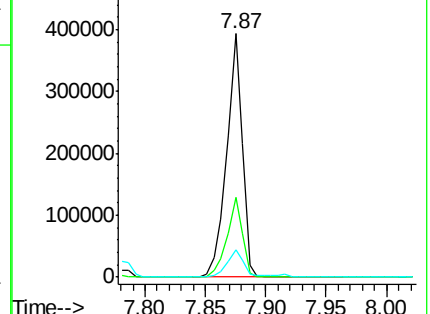
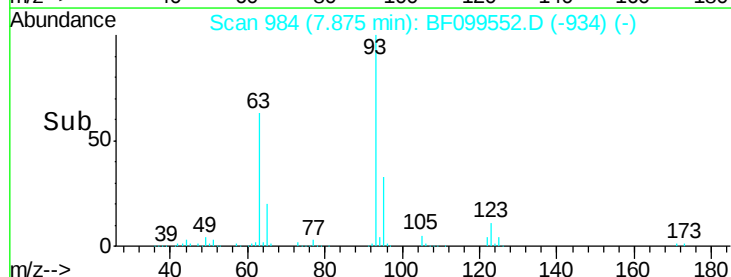
123 11.5 9.8 14.6

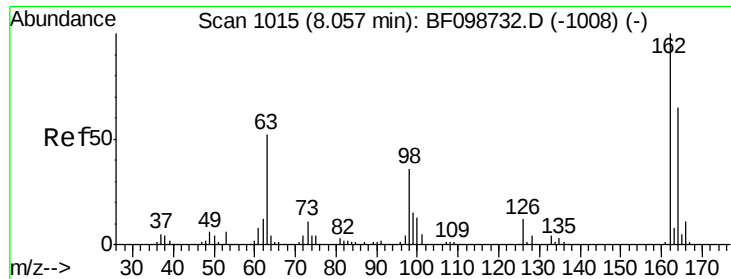


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

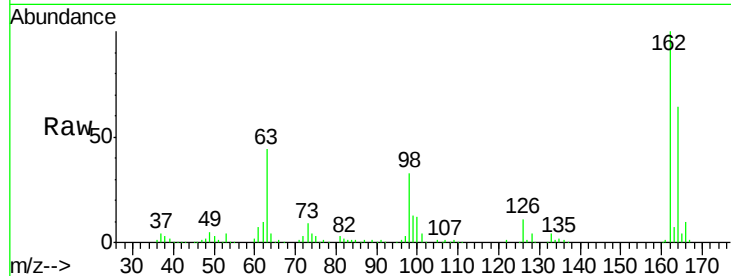




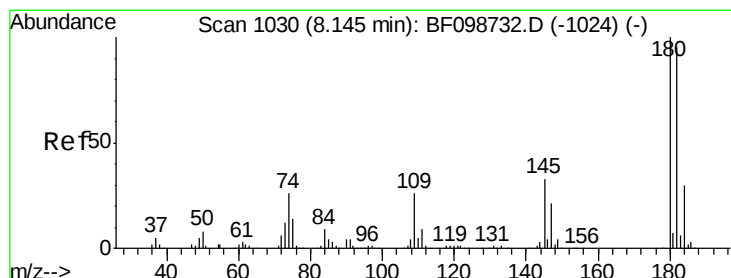
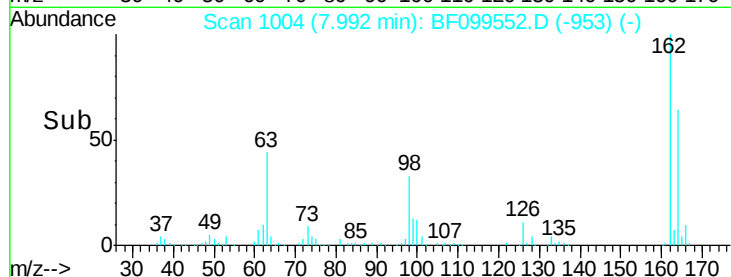
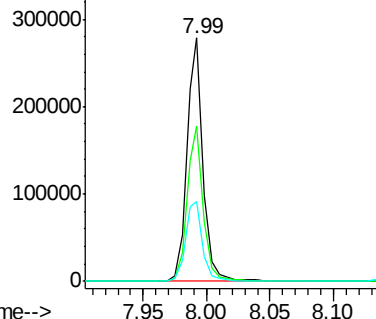
#29
2,4-Dichlorophenol
Concen: 45.31 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.7	82.7
98	32.9	18.1	58.1

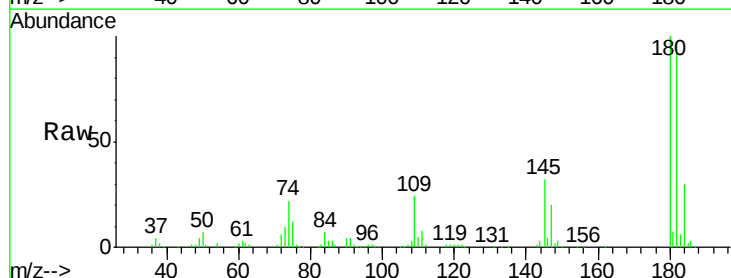


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

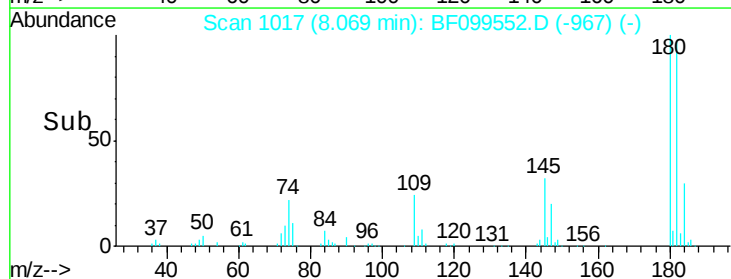
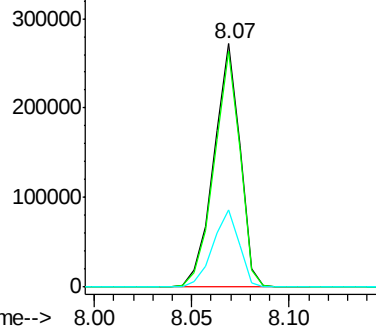


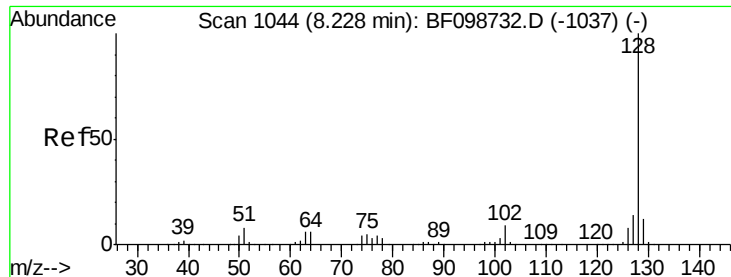
#30
1,2,4-Trichlorobenzene
Concen: 46.03 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.8	115.2
145	31.8	26.5	39.7



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

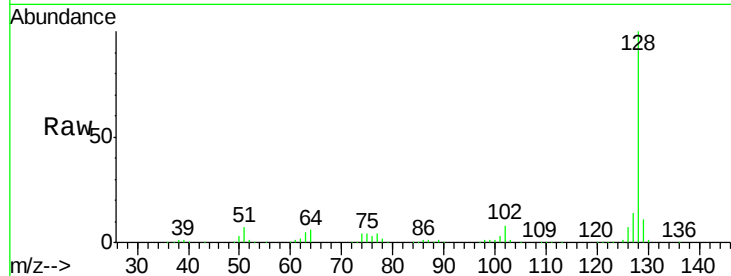




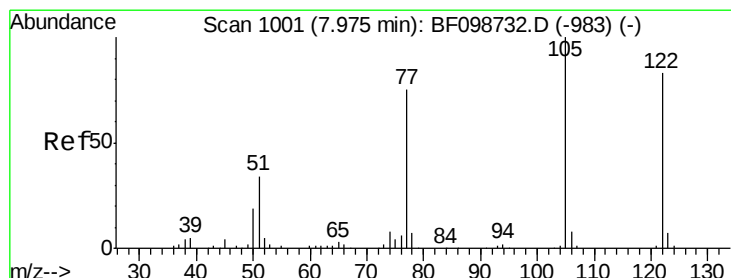
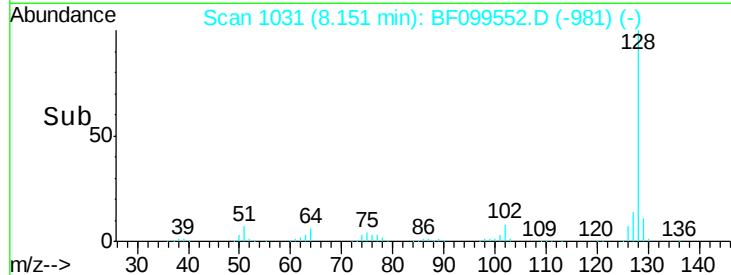
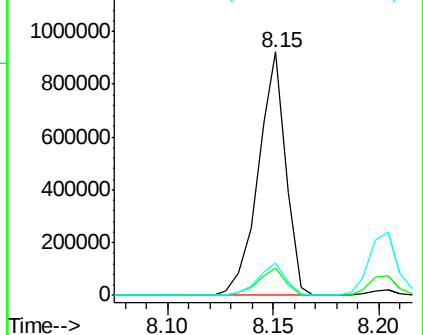
#31
Naphthalene
Concen: 44.67 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 832722
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

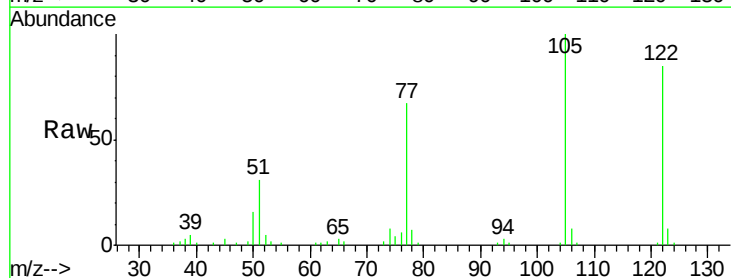


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

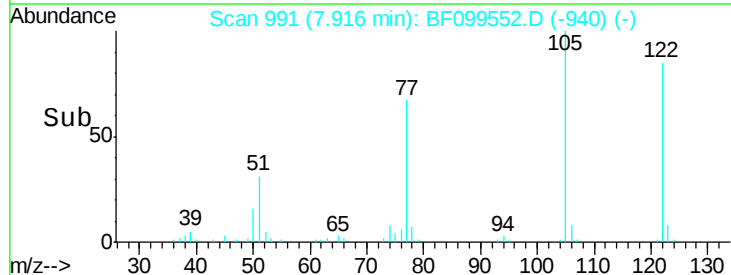
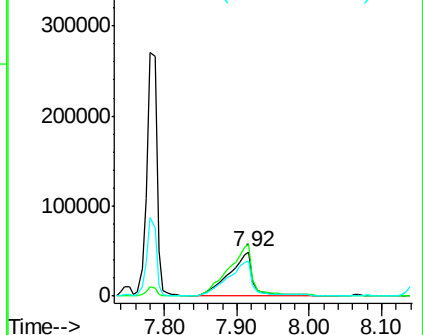


#32
Benzoic acid
Concen: 21.34 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:122 Resp: 111776
Ion Ratio Lower Upper
122 100
105 117.6 101.1 141.1
77 78.8 70.7 110.7



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): BF0

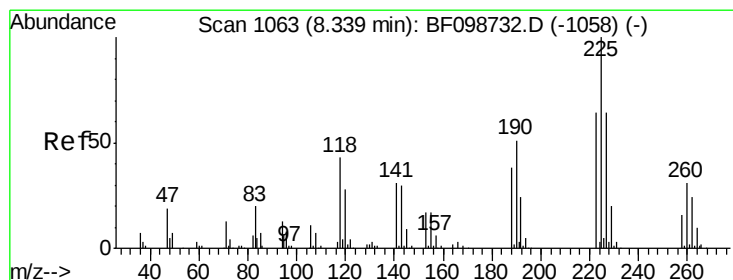
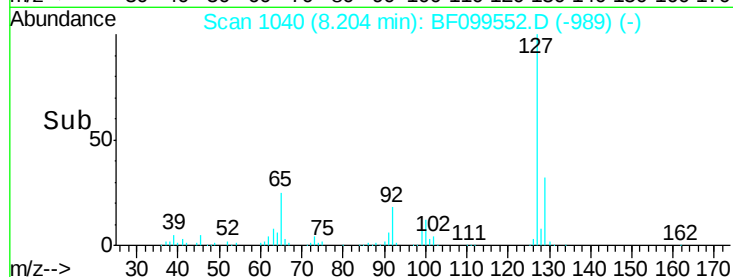
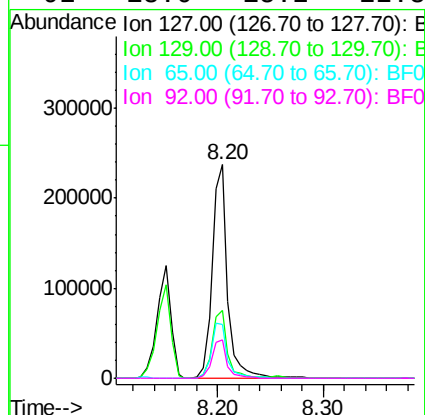
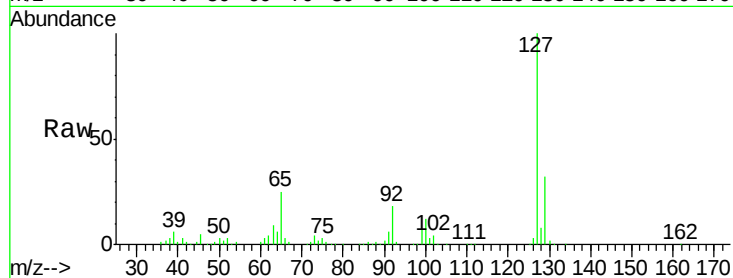




#33
4-Chloroaniline
Concen: 30.90 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

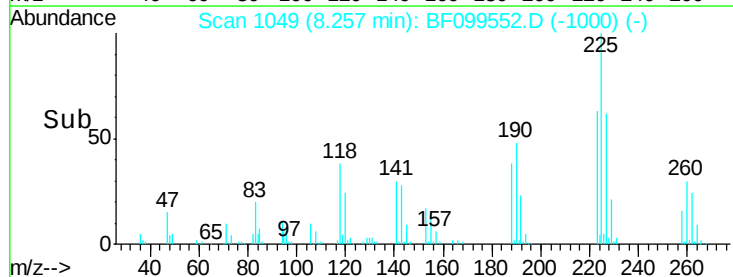
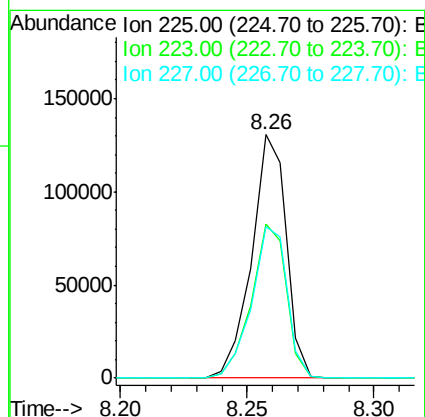
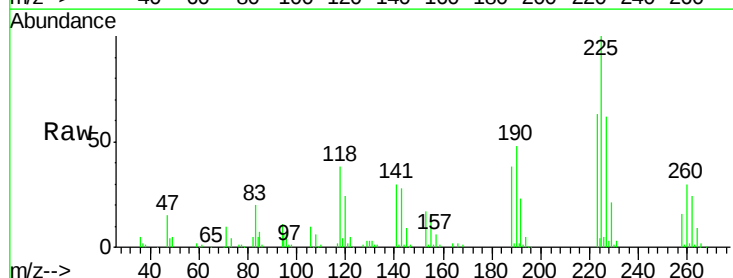
Instrument :
BNA_F
ClientSampleId :

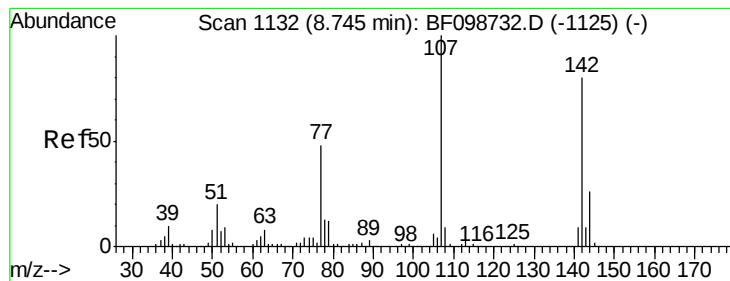
Tot Ion:	127	Resp:	240546
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	25.5	25.0	37.4
92	18.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.88 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:	225	Resp:	123728
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.2	51.9	77.9





#36

4-Chloro-3-methylphenol

Concen: 41.48 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

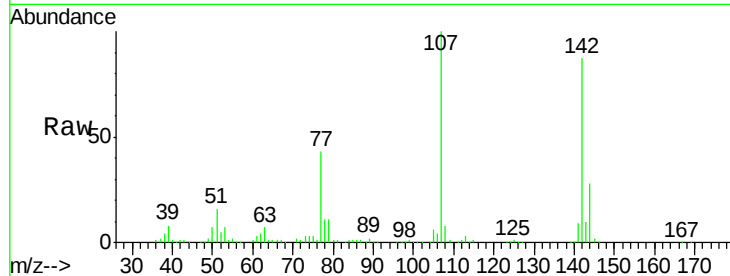
Tot Ion:107 Resp: 255208

Ion Ratio Lower Upper

107 100

144 28.0 20.5 30.7

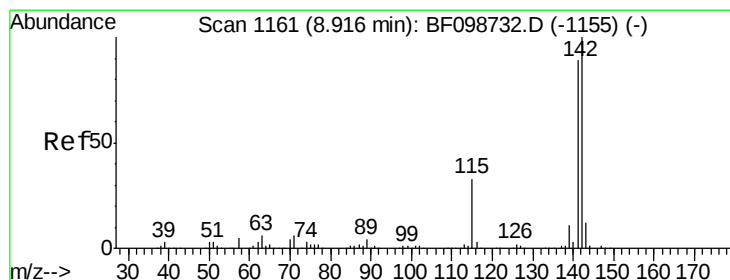
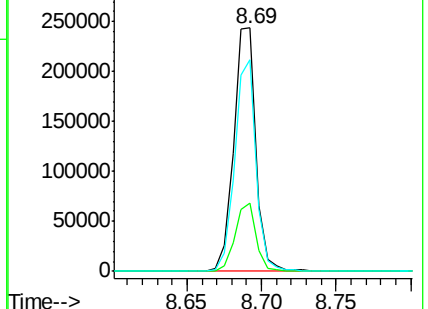
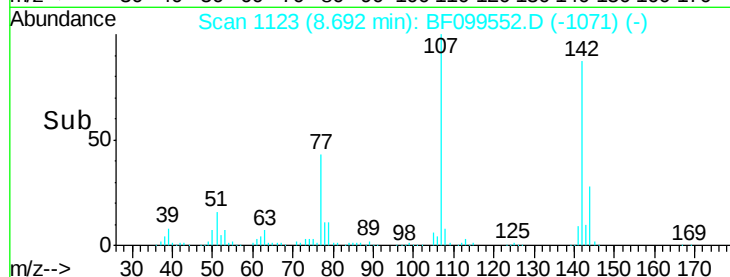
142 86.7 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 47.24 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

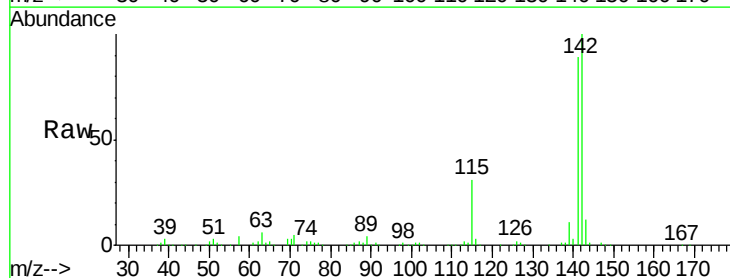
Tgt Ion:142 Resp: 572454

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2

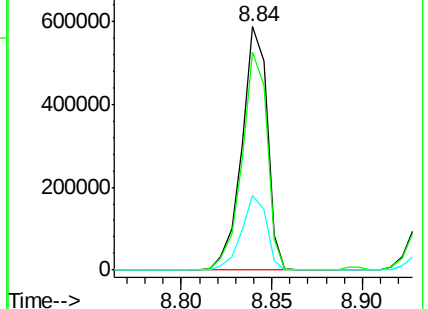
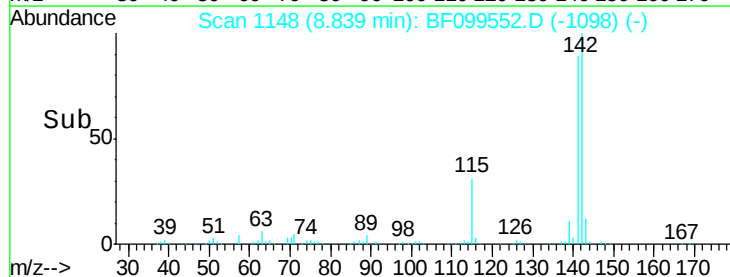
115 30.6 26.1 39.1

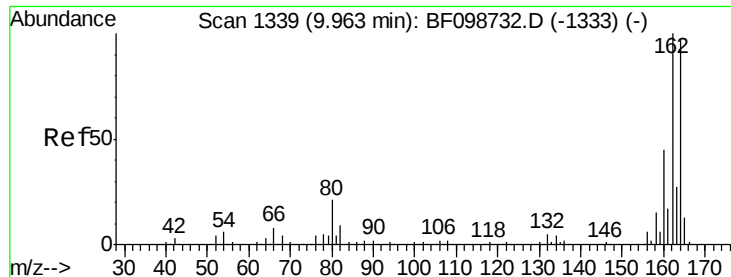


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

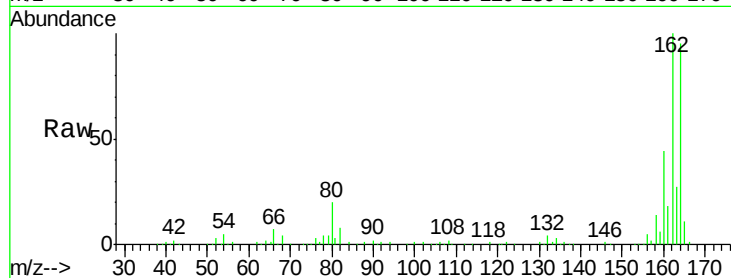
Tot Ion:164 Resp: 176880

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

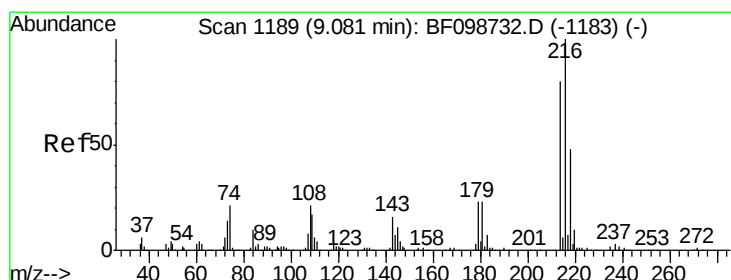
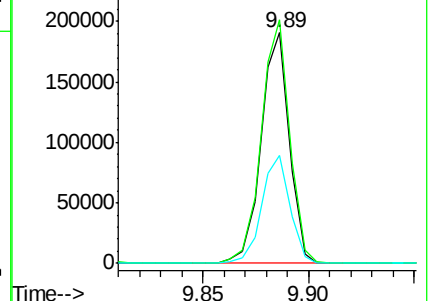
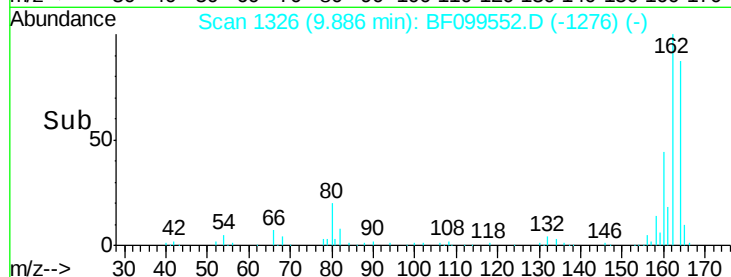
160 46.6 38.3 57.5



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



#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.37 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:216 Resp: 228783

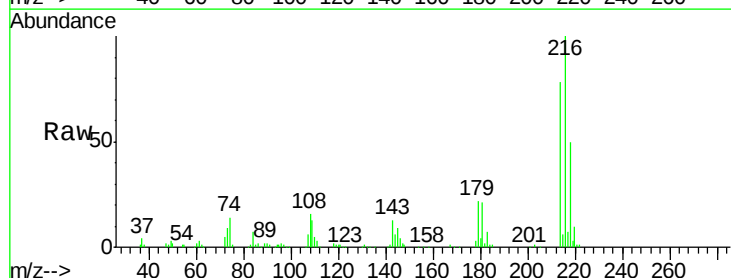
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.6 18.1 27.1

108 18.9 17.2 25.8

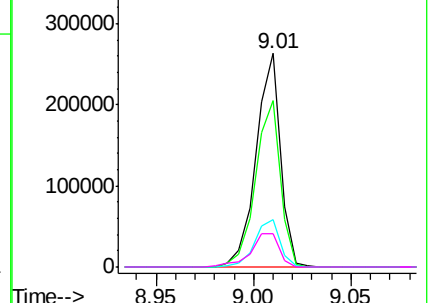
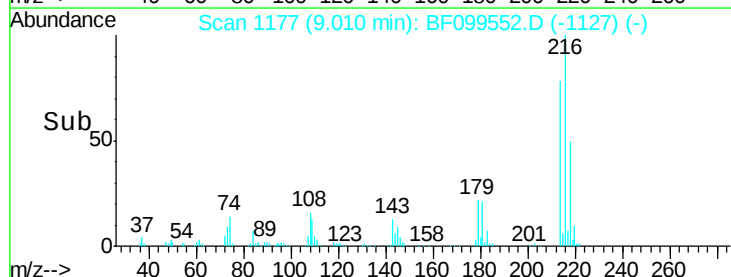


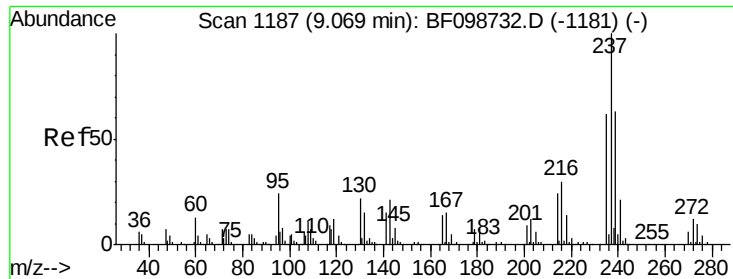
Abundance Ion 216.00 (215.70 to 216.70): E

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

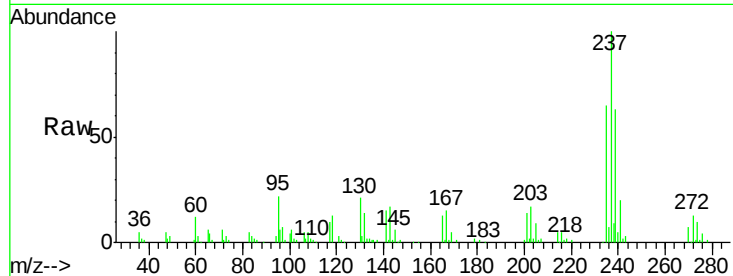




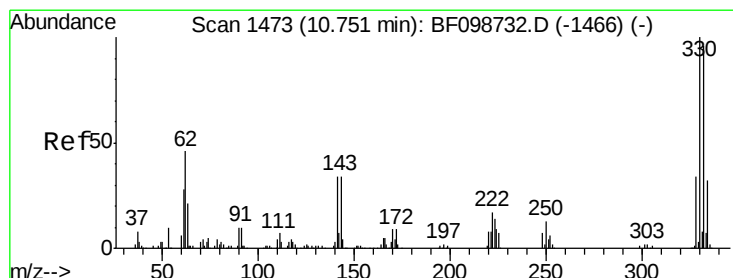
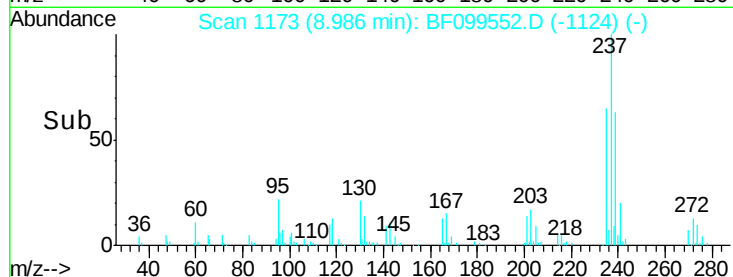
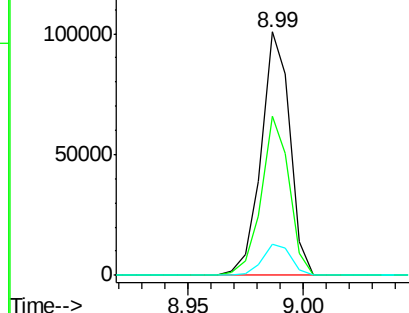
#40
Hexachlorocyclopentadiene
Concen: 36.26 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 87423
Ion Ratio Lower Upper
237 100
235 65.4 44.8 84.8
272 12.9 0.0 33.3

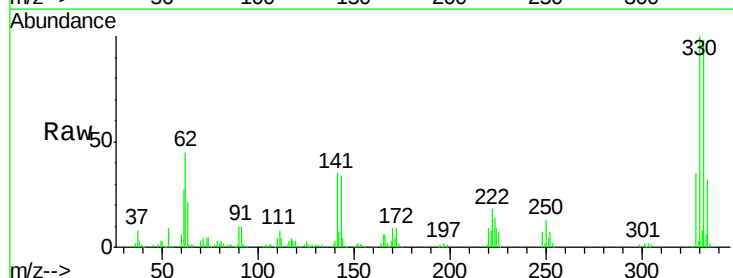


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

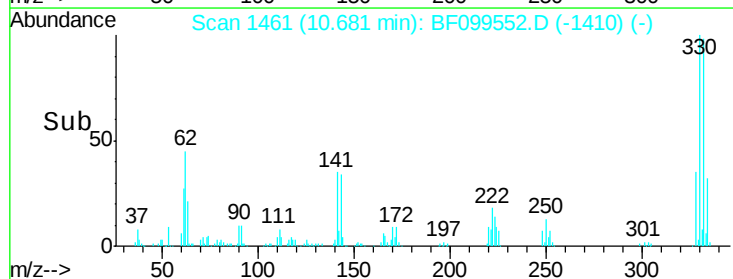
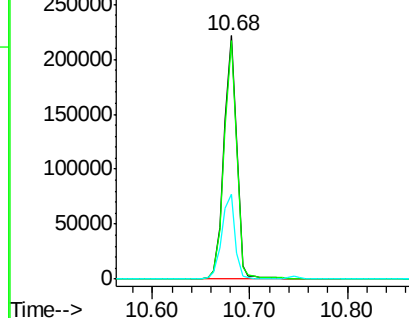


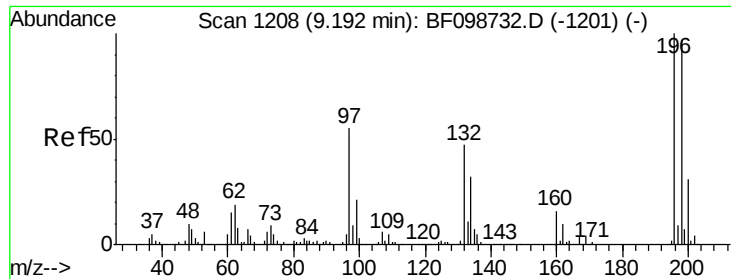
#41
2,4,6-Tribromophenol
Concen: 141.39 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:330 Resp: 204644
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 36.3 29.9 44.9



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

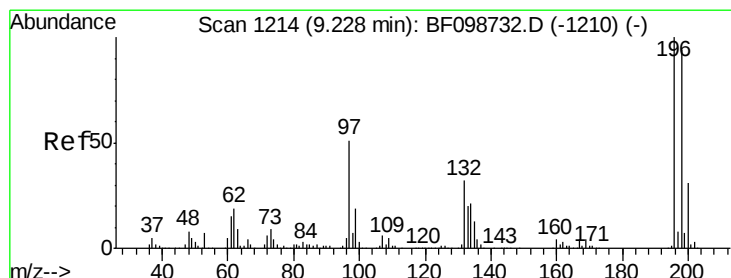
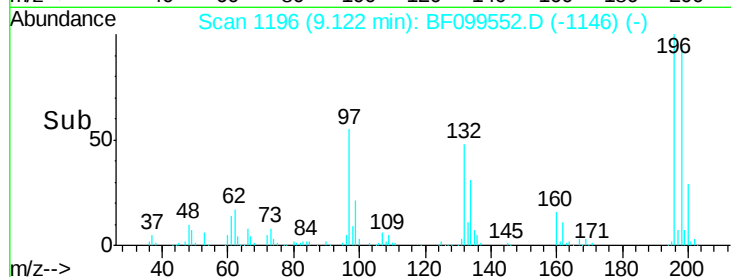
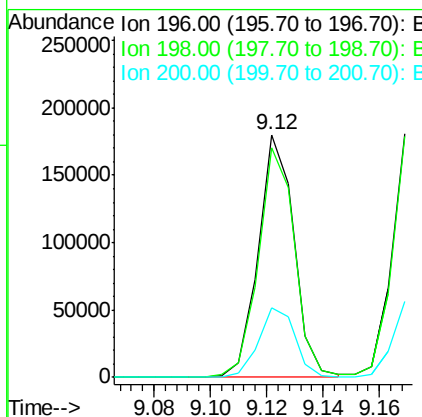
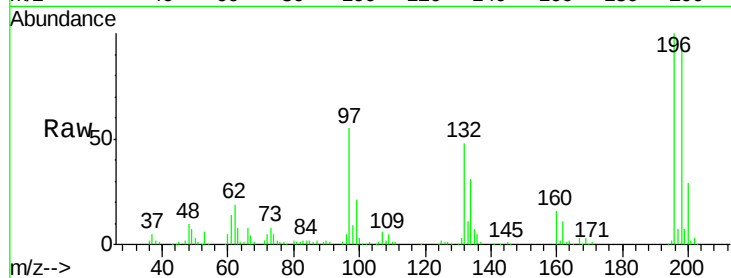




#42
 2,4,6-Trichlorophenol
 Concen: 42.34 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

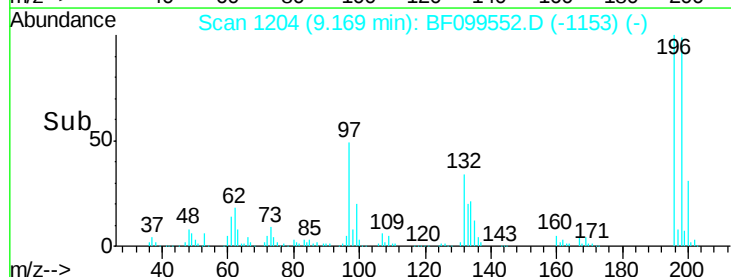
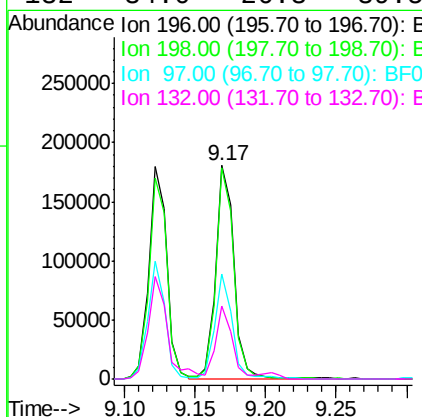
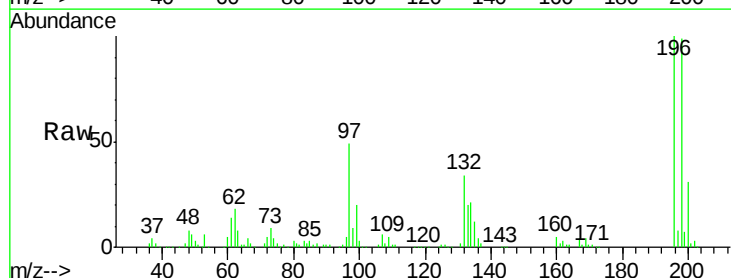
Instrument :
 BNA_F
 ClientSampled :

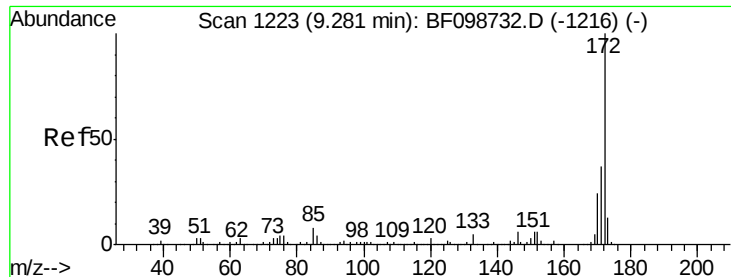
Tot Ion:196 Resp: 158242
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 28.8 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 43.51 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:196 Resp: 162315
 Ion Ratio Lower Upper
 196 100
 198 99.1 74.6 112.0
 97 49.1 42.9 64.3
 132 34.0 26.3 39.5

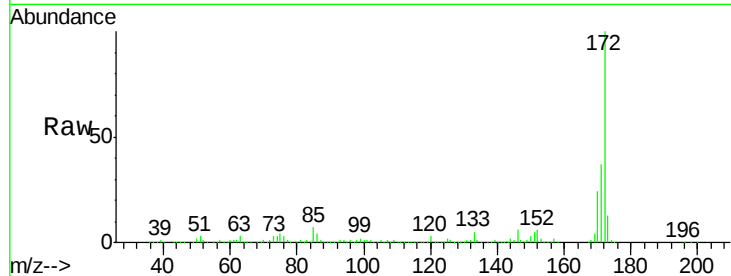




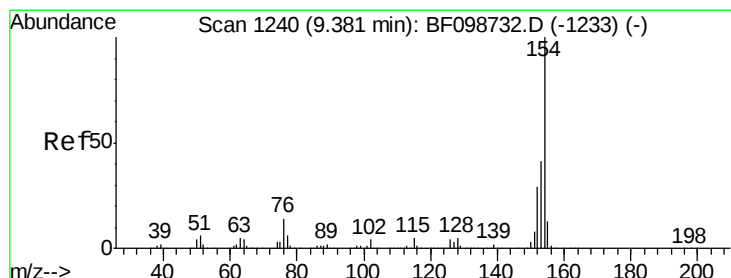
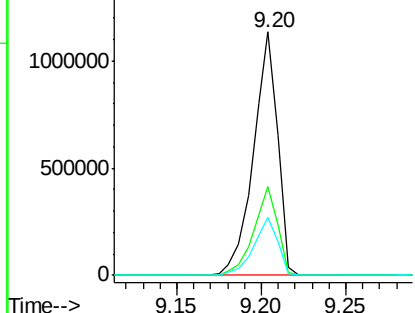
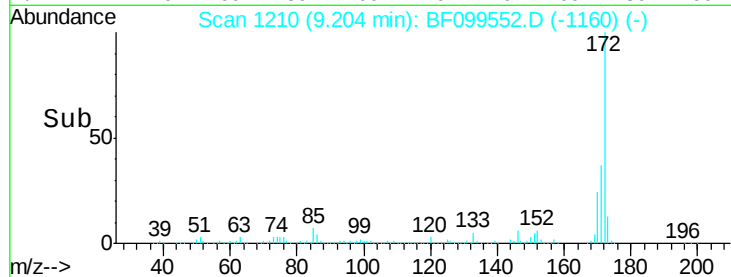
#44
 2-Fluorobiphenyl
 Concen: 106.77 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1131222
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 23.9 19.6 29.4

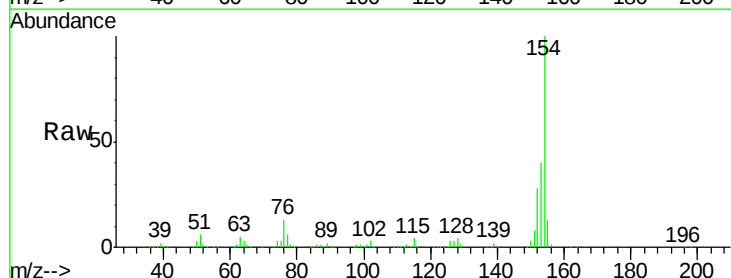


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

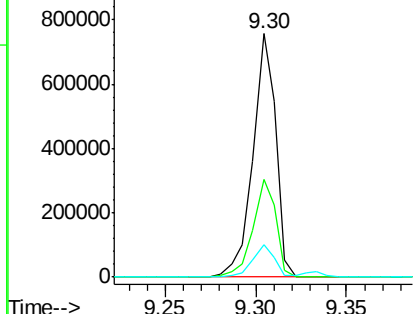
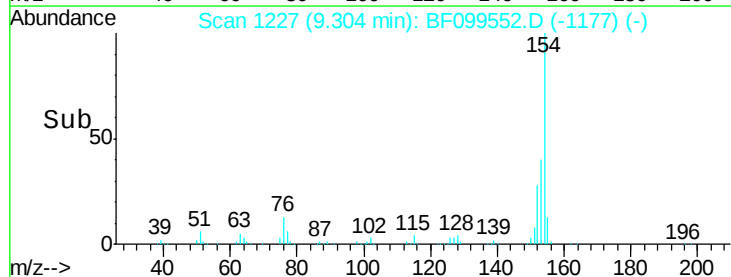


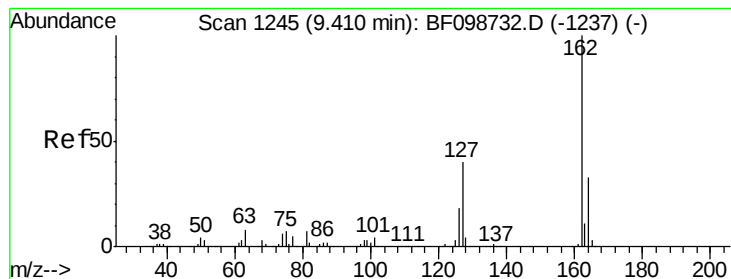
#45
 1,1'-Biphenyl
 Concen: 43.37 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:154 Resp: 659326
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 13.2 0.0 34.0



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): BF0

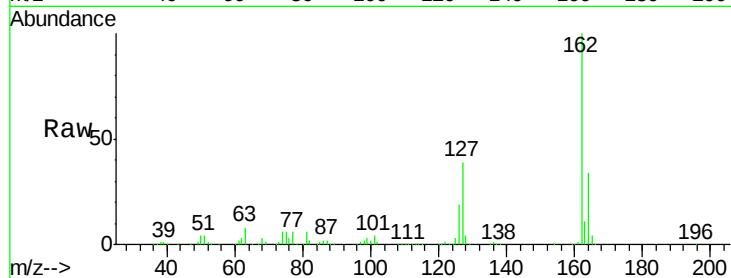




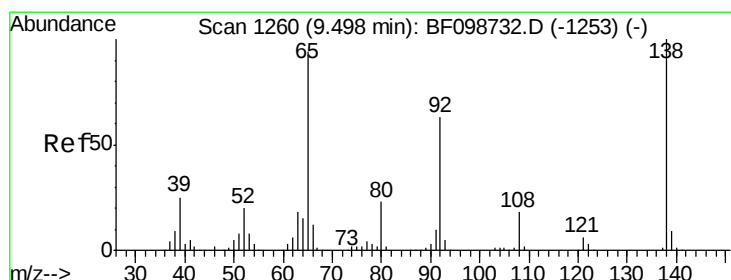
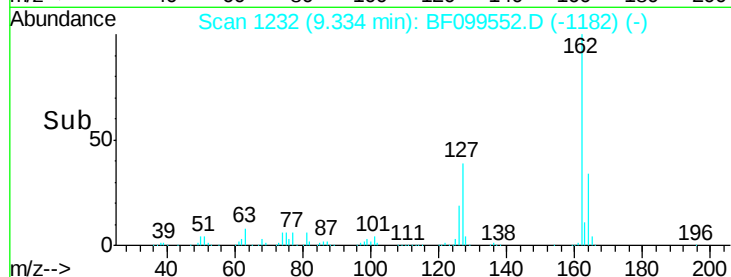
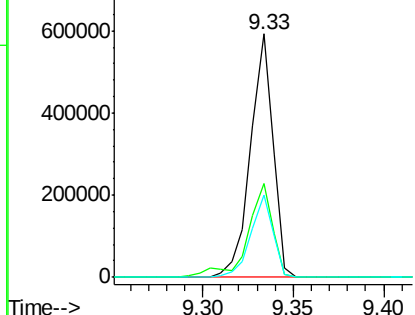
#46
 2-Chloronaphthalene
 Concen: 45.00 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	513583
Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.9	50.9
164	33.7	26.5	39.7

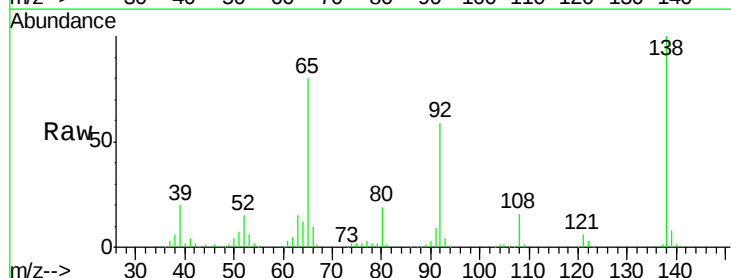


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

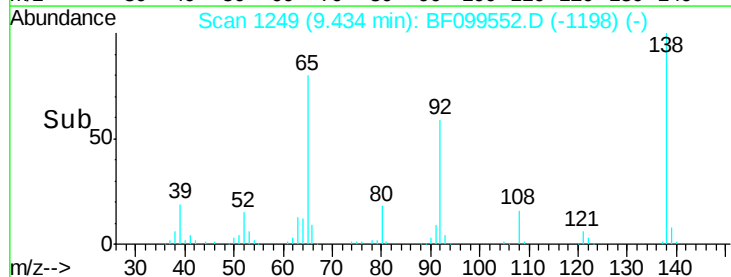
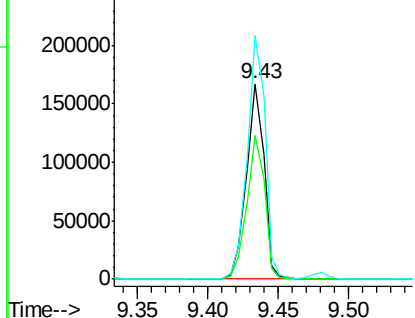


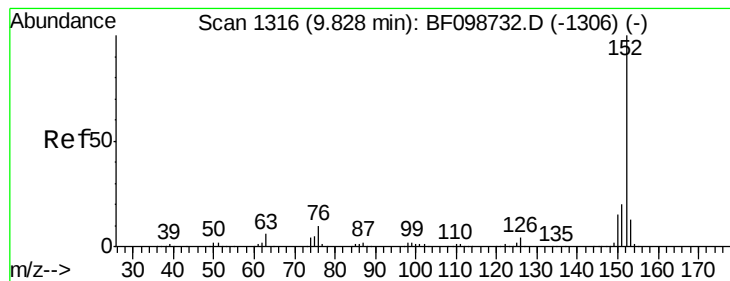
#47
 2-Nitroaniline
 Concen: 42.35 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:	65	Resp:	148007
Ion	Ratio	Lower	Upper
65	100		
92	73.3	55.8	83.6
138	124.7	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 44.46 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

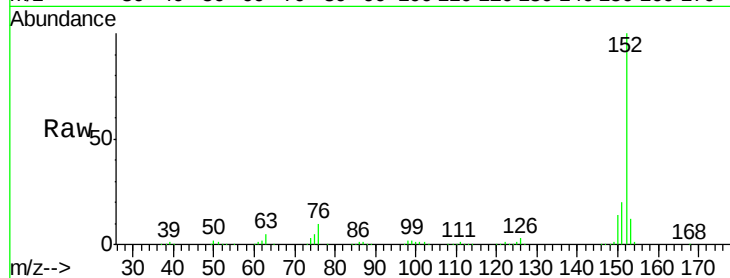
Tot Ion:152 Resp: 776753

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

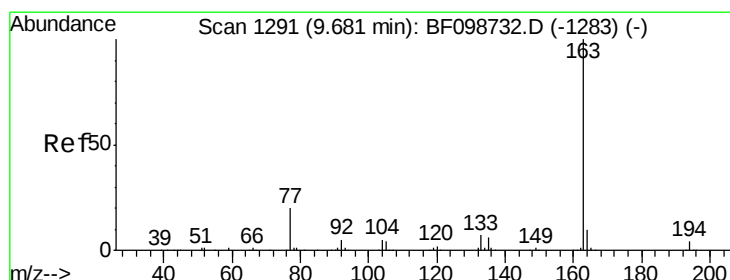
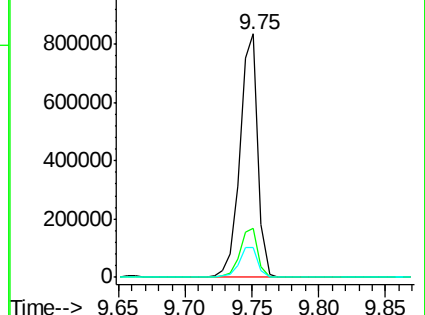
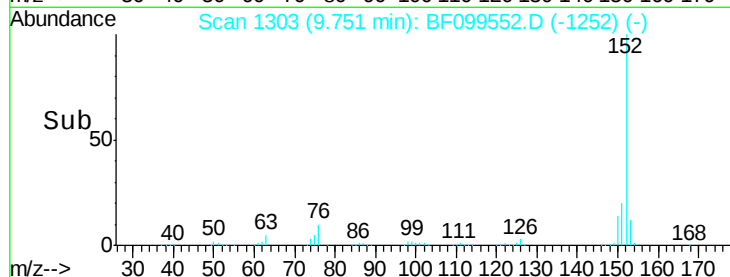
153 12.5 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 46.33 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

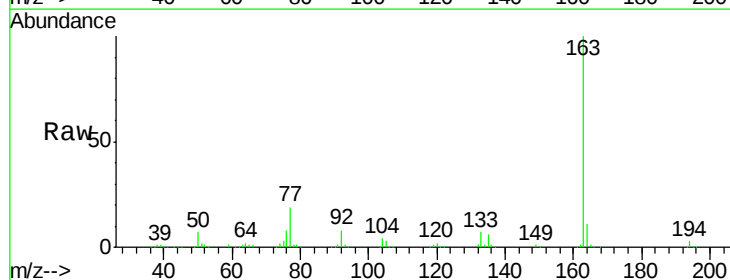
Tgt Ion:163 Resp: 618514

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

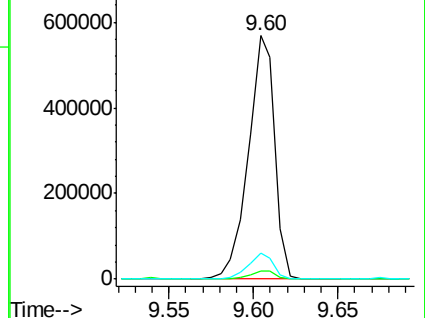
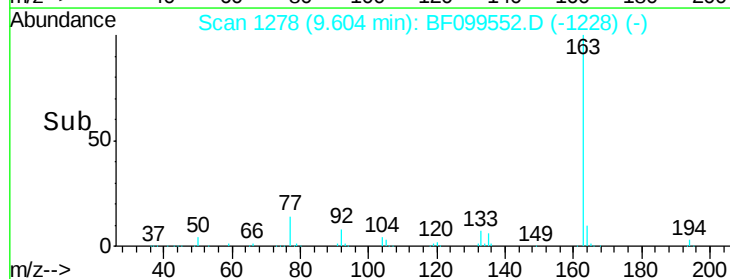
164 10.5 8.2 12.2

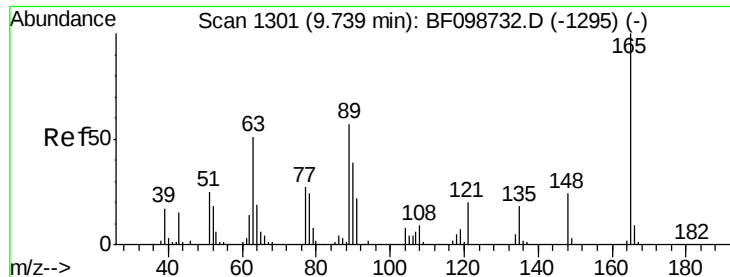


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

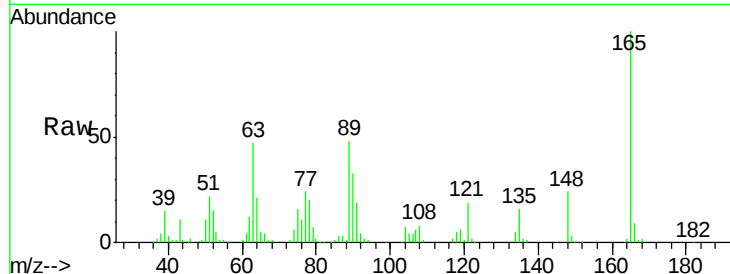




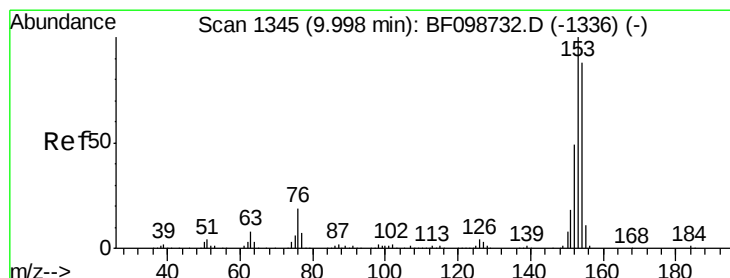
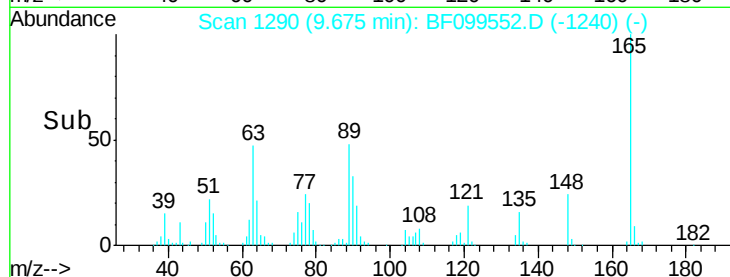
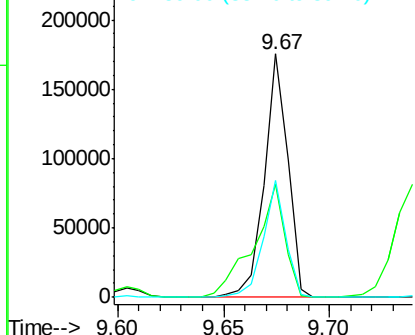
#50
2,6-Dinitrotoluene
Concen: 46.87 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.5	44.7	67.1
89	48.2	44.0	66.0

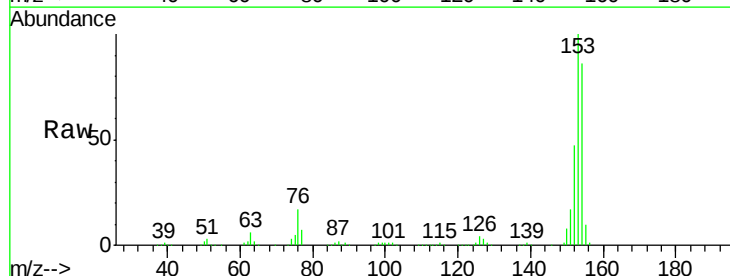


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

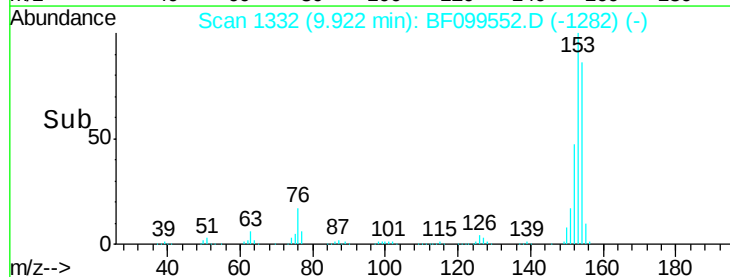
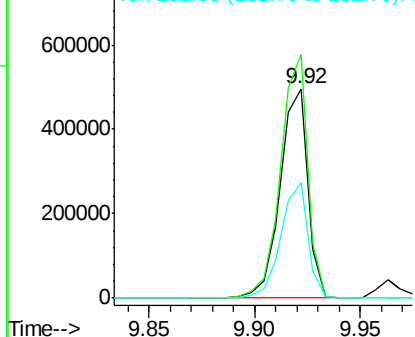


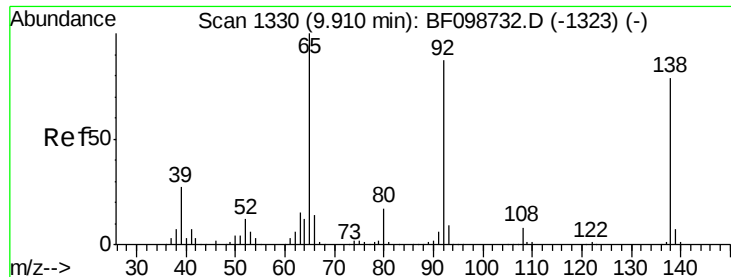
#51
Acenaphthene
Concen: 40.93 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.2	136.8
152	54.9	43.8	65.8



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

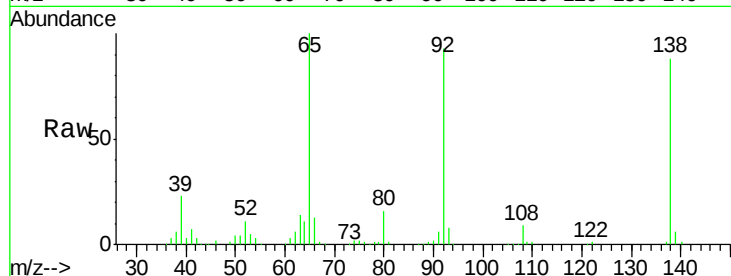




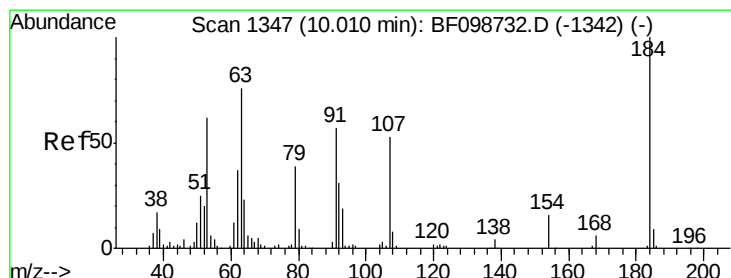
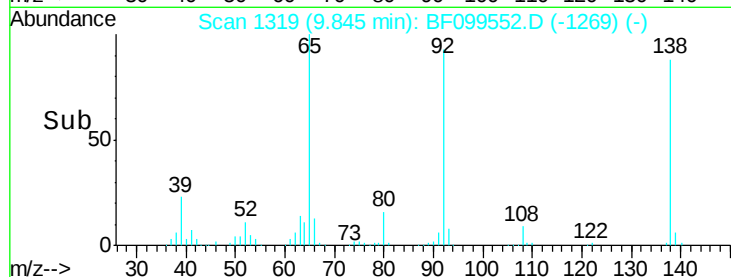
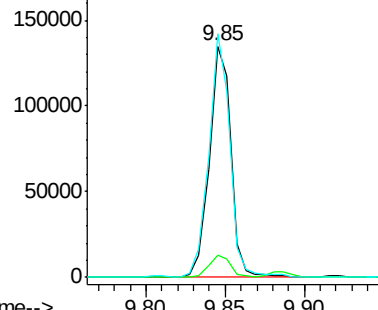
#52
3-Nitroaniline
Concen: 37.54 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 127229
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 105.4 89.4 134.2

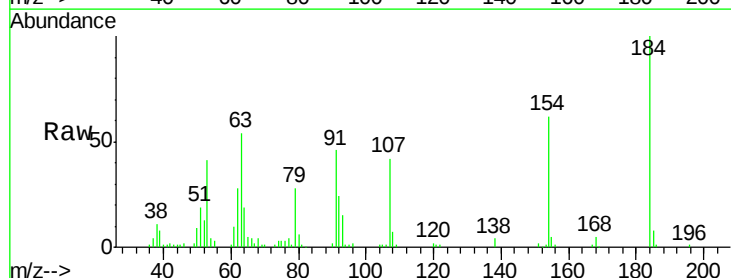


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

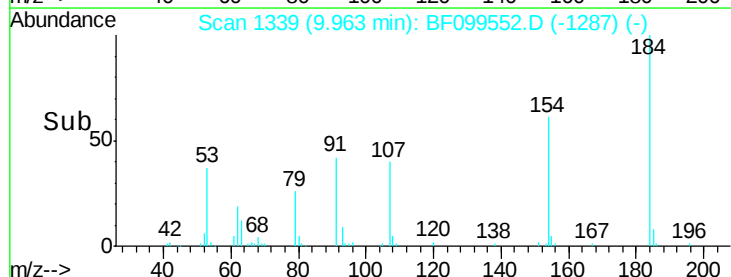
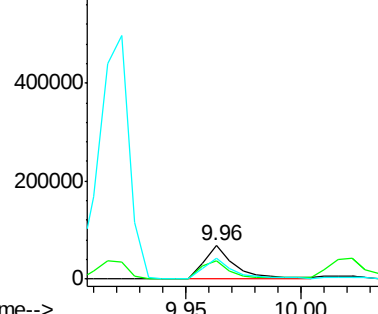


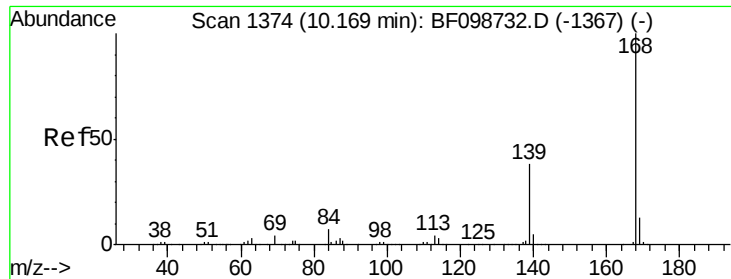
#53
2,4-Dinitrophenol
Concen: 45.02 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:184 Resp: 63960
Ion Ratio Lower Upper
184 100
63 53.7 54.2 81.2#
154 61.9 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

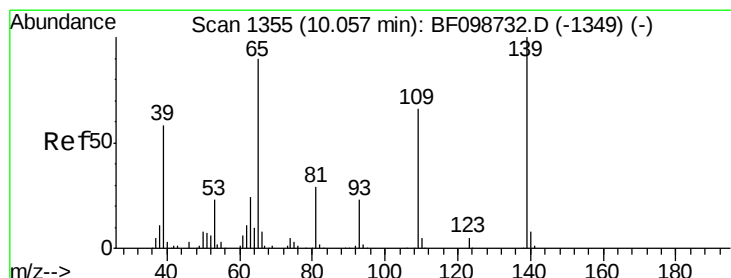
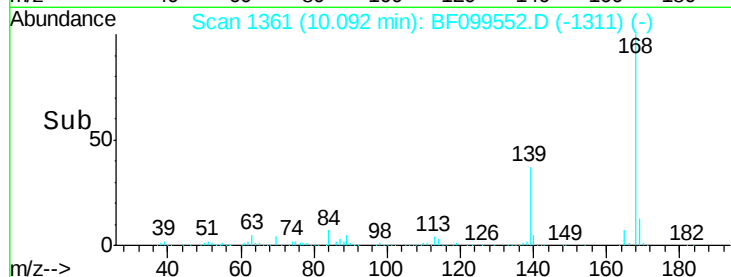
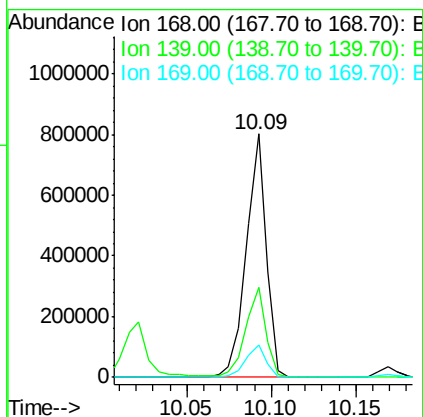
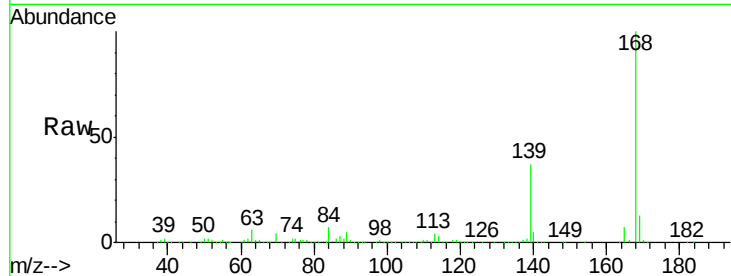




#54
Dibenzenofuran
Concen: 45.29 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

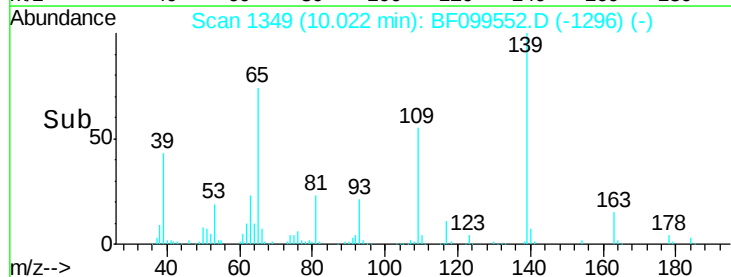
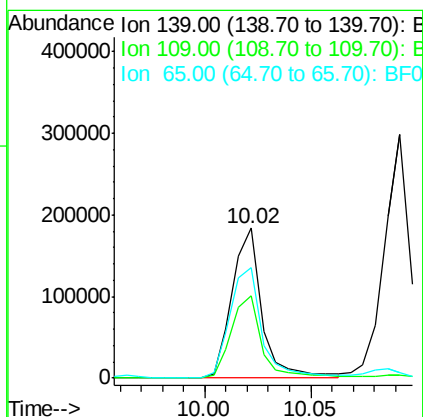
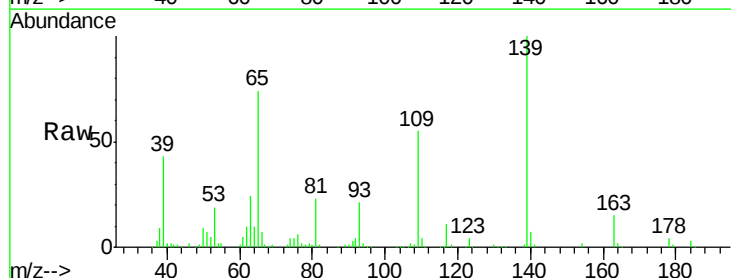
Instrument :
BNA_F
ClientSampleId :

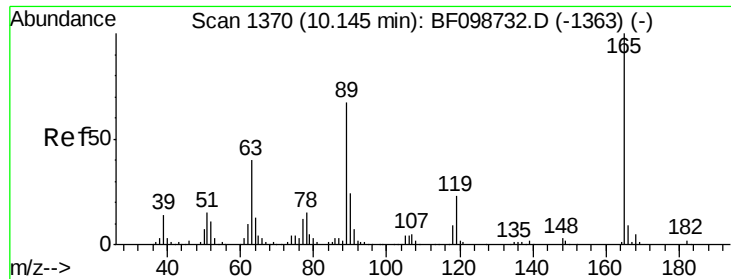
Tot Ion:168 Resp: 667412
Ion Ratio Lower Upper
168 100
139 37.2 30.1 45.1
169 13.3 10.9 16.3



#55
4-Nitrophenol
Concen: 62.58 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:139 Resp: 179332
Ion Ratio Lower Upper
139 100
109 55.1 48.4 88.4
65 73.8 72.6 112.6

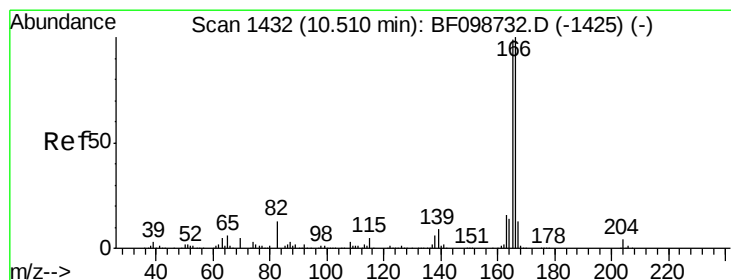
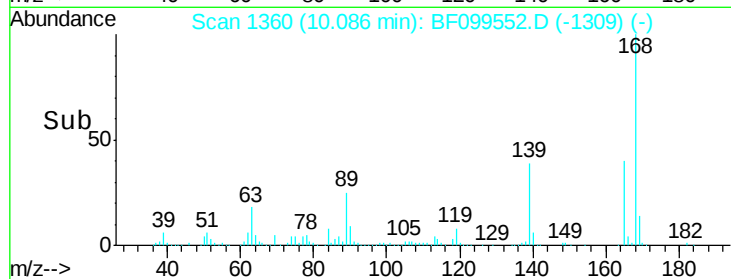
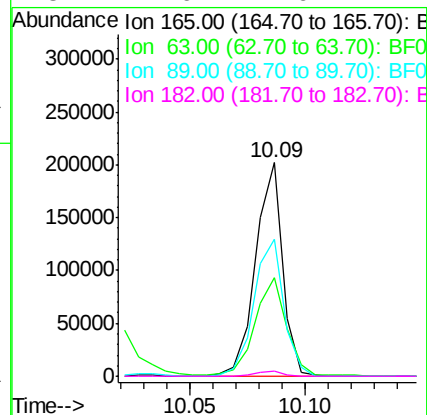
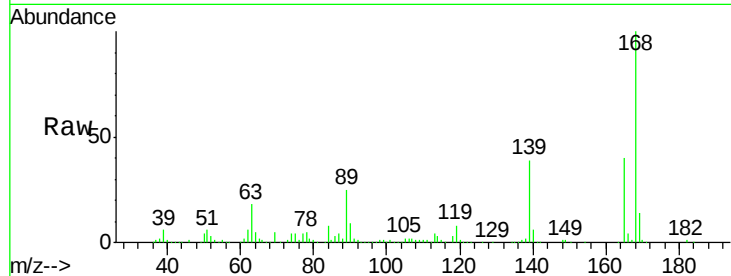




#56
2,4-Dinitrotoluene
Concen: 43.89 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

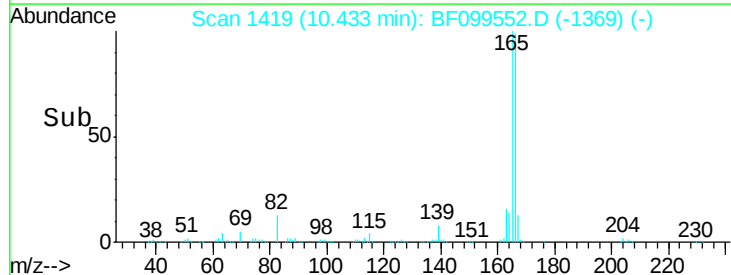
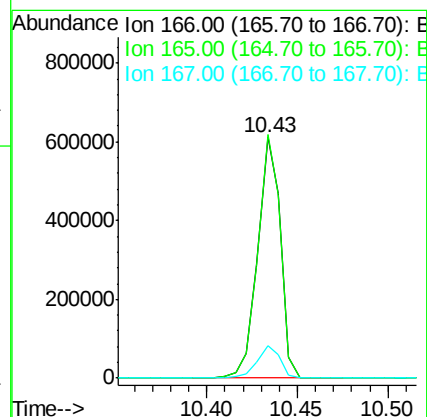
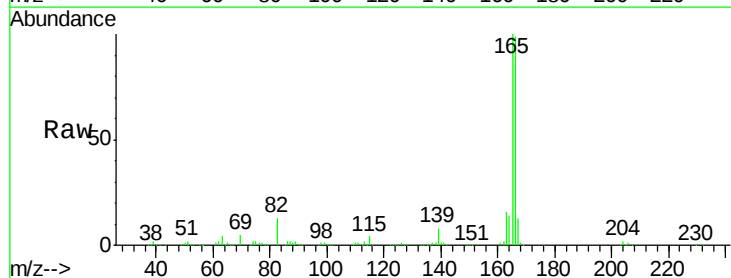
Instrument :
BNA_F
ClientSampleId :

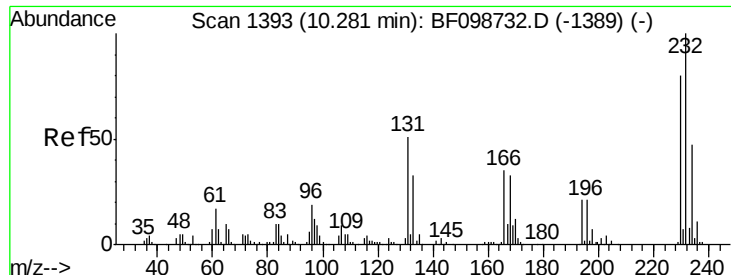
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.2	36.4	54.6
89	64.2	57.8	86.6
182	2.6	1.6	2.4



#57
Fluorene
Concen: 45.00 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.8
167	13.4	10.6	16.0

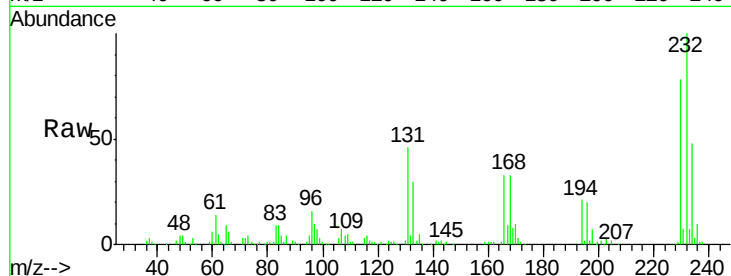




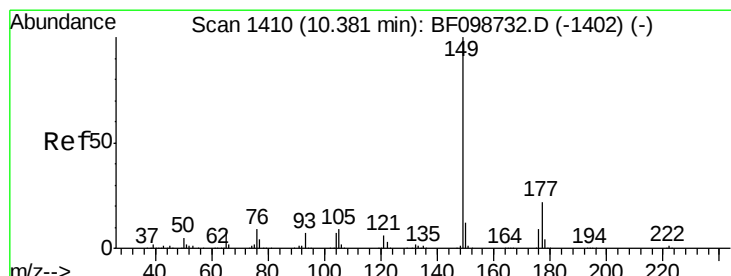
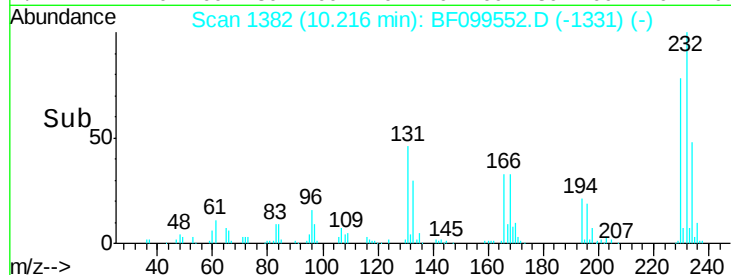
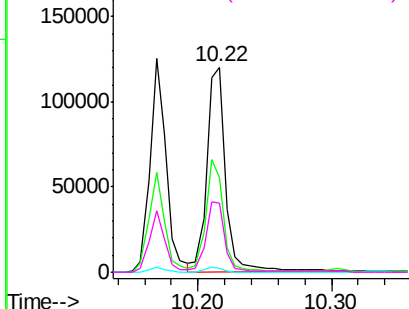
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.95 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 118418
 Ion Ratio Lower Upper
 232 100
 131 51.1 43.8 65.8
 130 2.3 2.1 3.1
 166 34.3 27.8 41.6

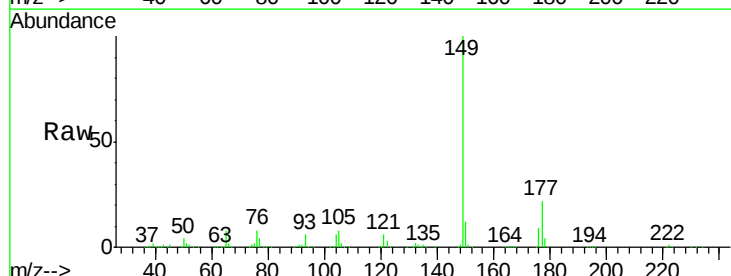


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

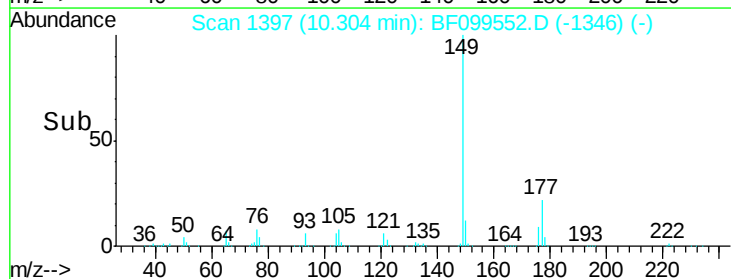
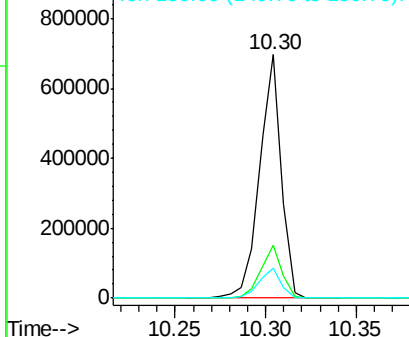


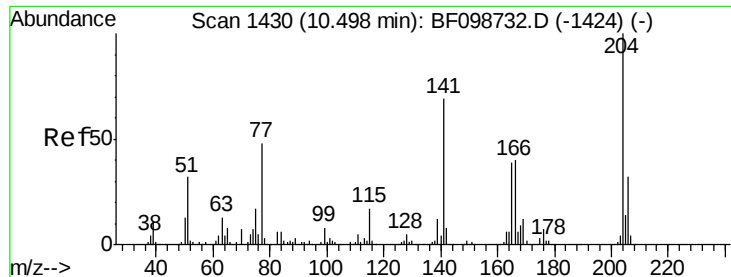
#59
 Diethylphthalate
 Concen: 44.31 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:149 Resp: 577993
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.1 24.1
 150 12.1 10.1 15.1



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

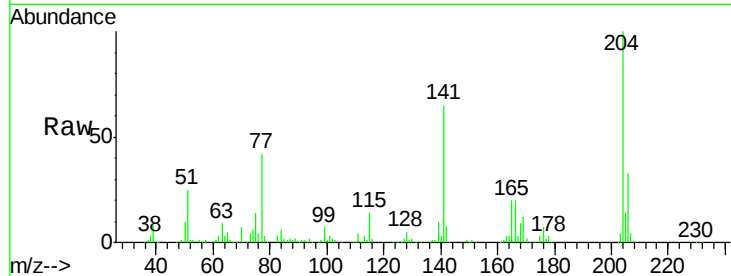




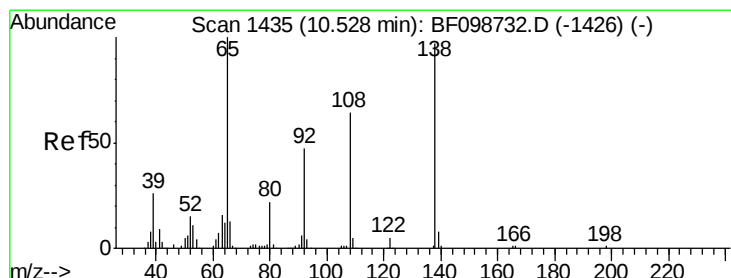
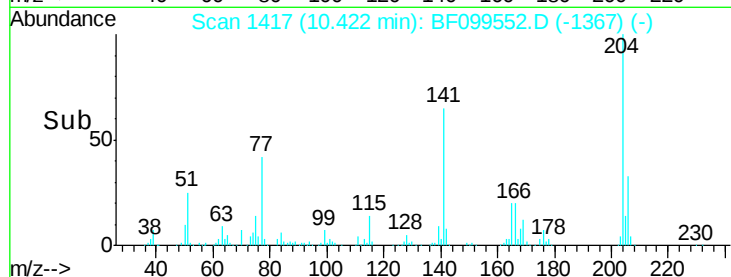
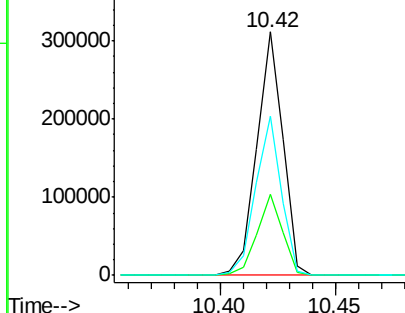
#60
4-Chlorophenyl-phenylether
Concen: 46.21 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 245882
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 65.5 54.6 81.8

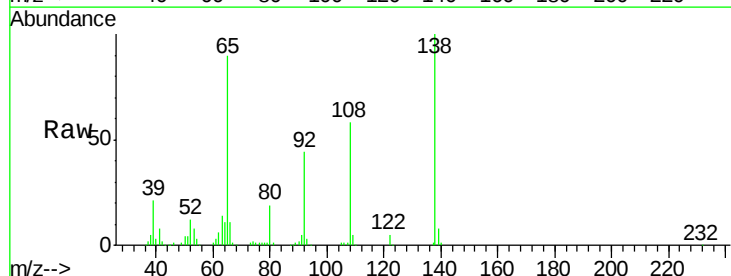


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

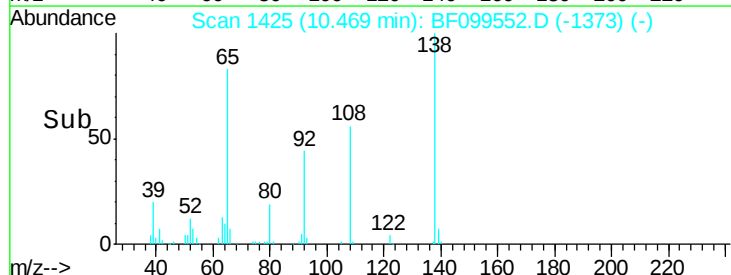
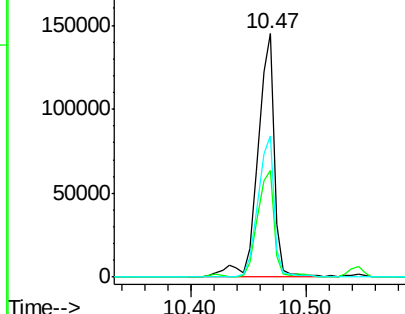


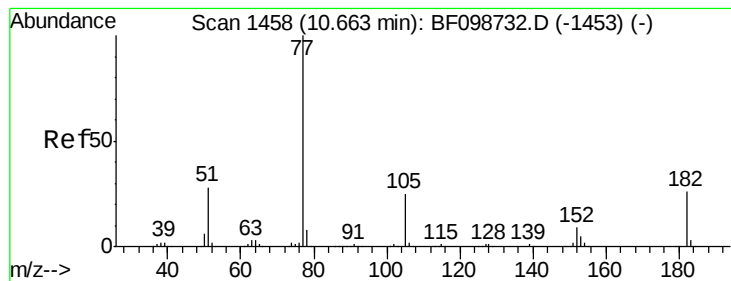
#61
4-Nitroaniline
Concen: 44.66 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:138 Resp: 145999
Ion Ratio Lower Upper
138 100
92 44.0 30.2 70.2
108 57.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 43.29 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 519256

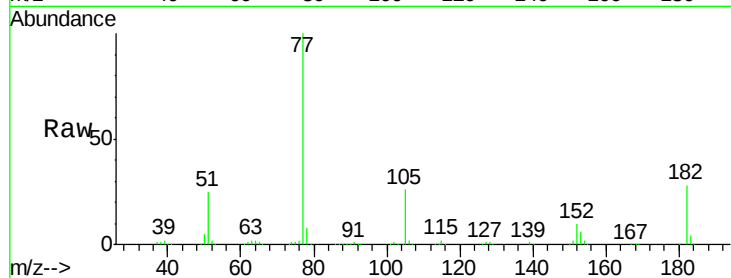
Ion Ratio Lower Upper

77 100

182 28.4 1.7 41.7

105 25.9 3.0 43.0

51 25.1 9.9 49.9

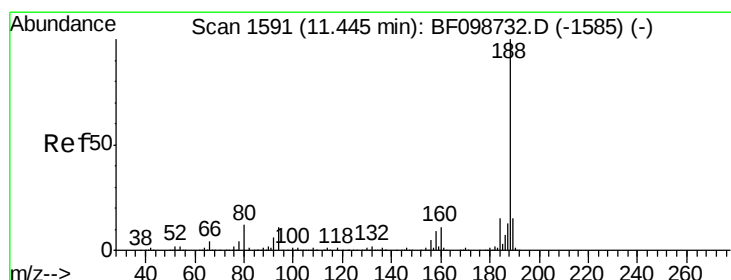
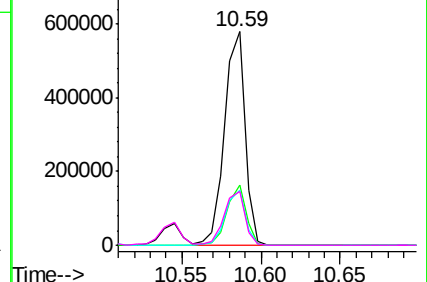
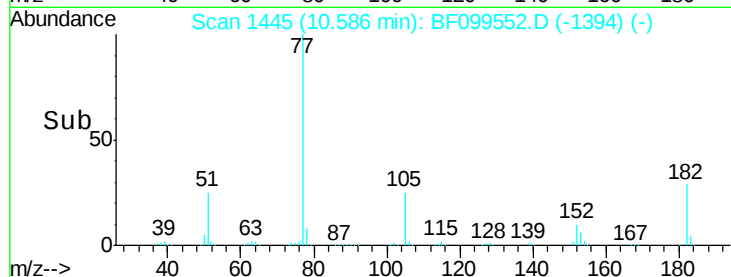


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

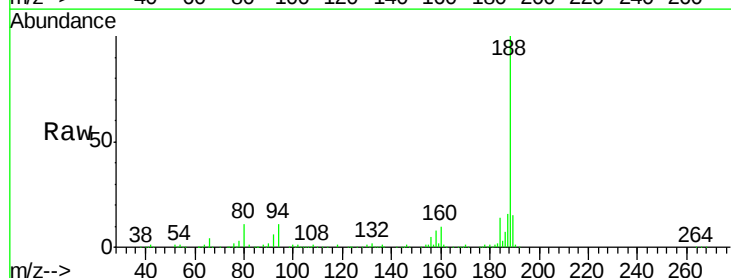
Tgt Ion: 188 Resp: 293500

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

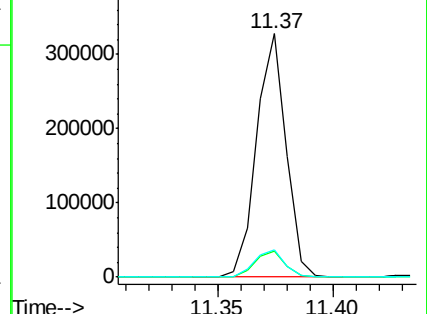
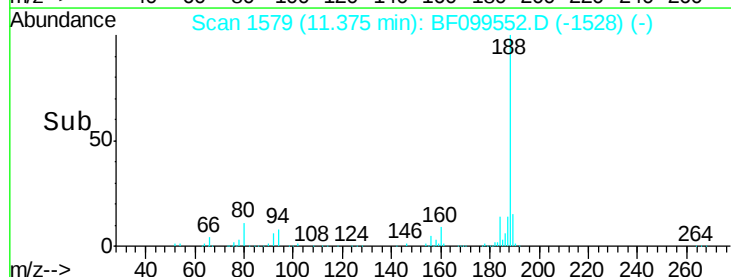
80 11.4 9.2 13.8

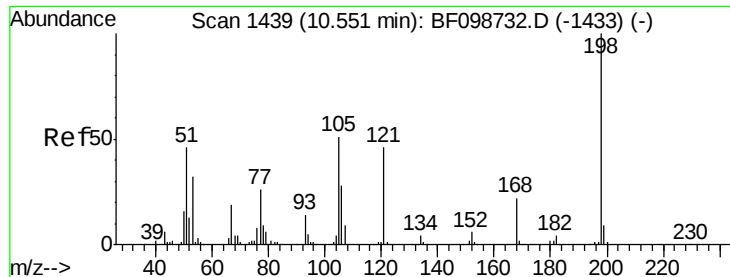


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

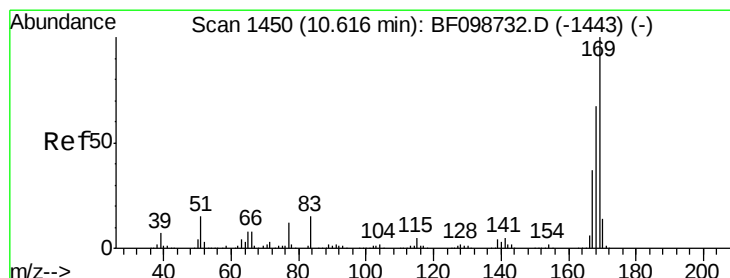
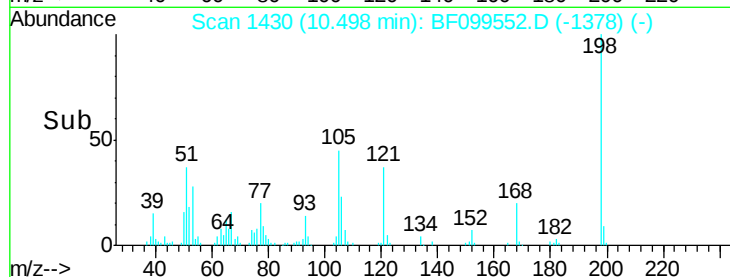
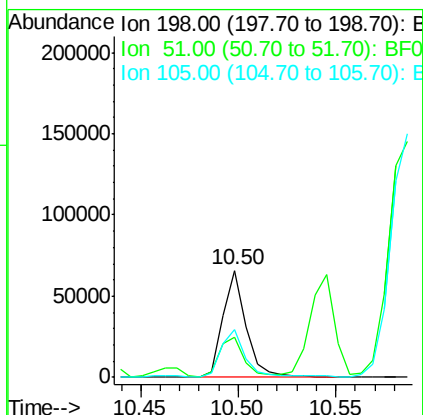
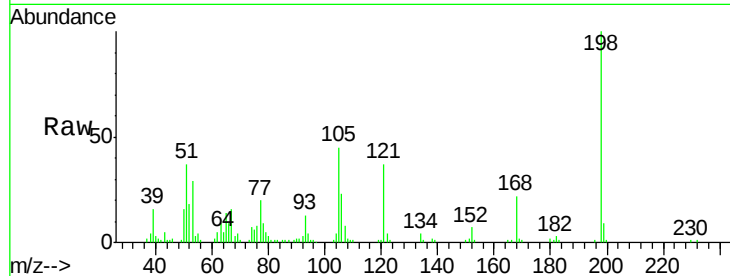




#64
4,6-Dinitro-2-methylphenol
Concen: 30.70 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

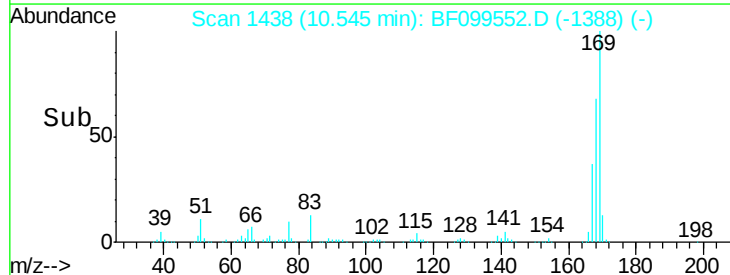
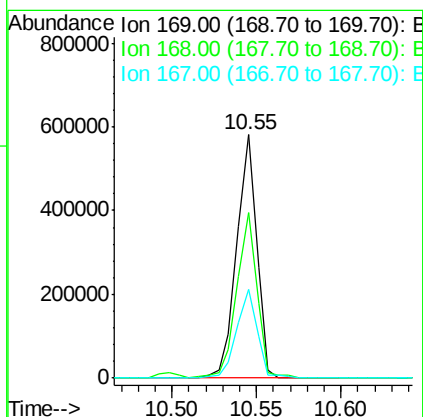
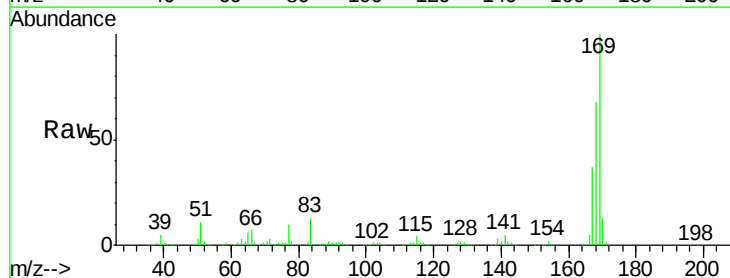
Instrument :
BNA_F
ClientSampleId :

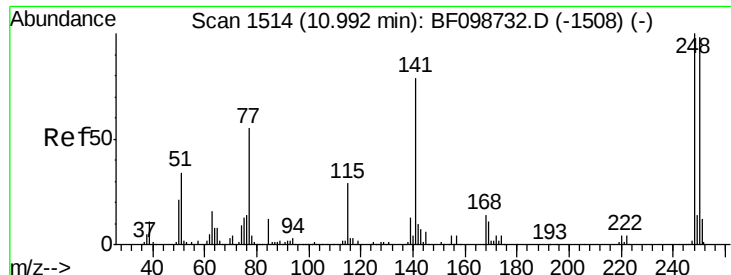
Tot Ion:198 Resp: 54814
Ion Ratio Lower Upper
198 100
51 37.0 37.7 77.7#
105 45.0 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 47.43 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:169 Resp: 482304
Ion Ratio Lower Upper
169 100
168 67.9 54.4 81.6
167 36.7 29.8 44.6





#66

4-Bromophenyl-phenylether

Concen: 48.93 ng

RT: 10.92 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

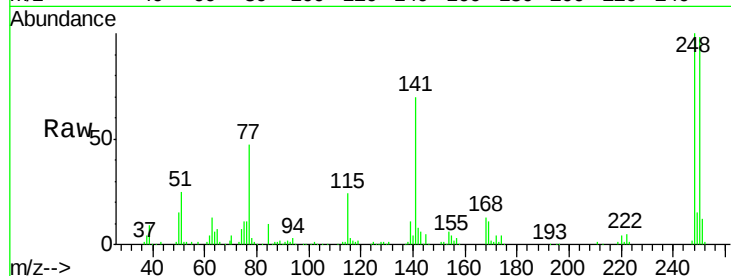
Tot Ion:248 Resp: 140561

Ion Ratio Lower Upper

248 100

250 98.0 76.9 115.3

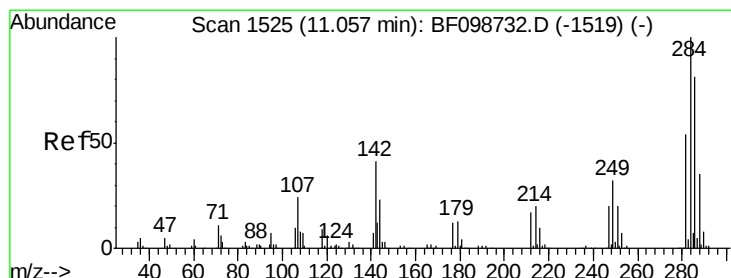
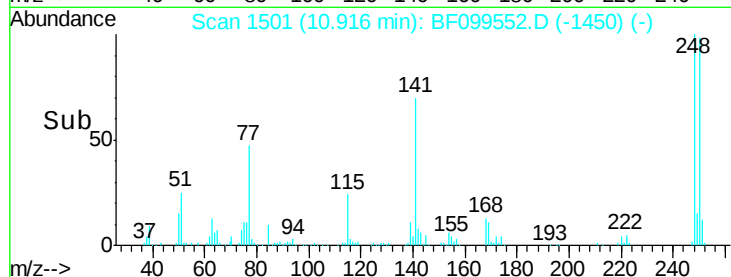
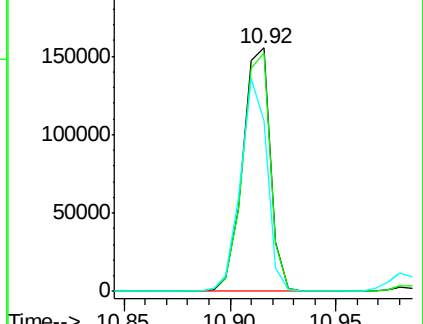
141 70.2 74.4 111.6#



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



#67

Hexachlorobenzene

Concen: 44.59 ng

RT: 10.99 min Scan# 1513

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

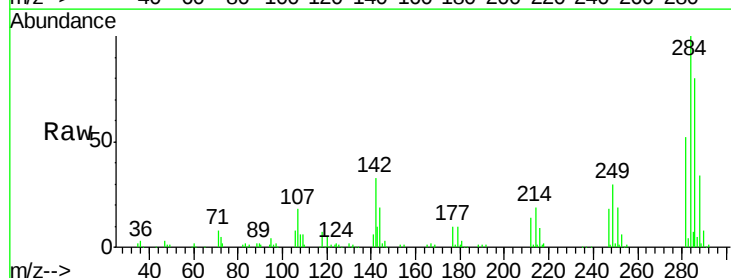
Tgt Ion:284 Resp: 136806

Ion Ratio Lower Upper

284 100

142 33.5 34.6 52.0#

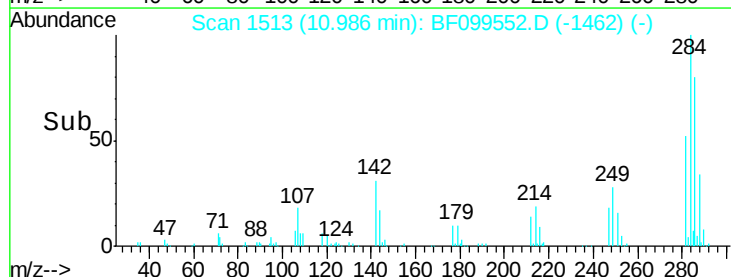
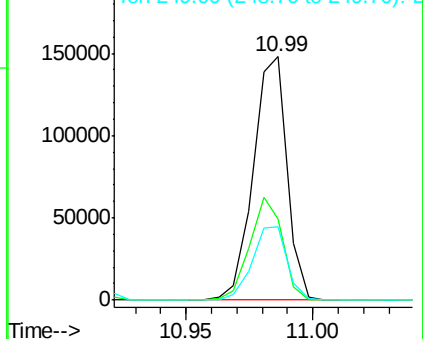
249 30.0 24.8 37.2

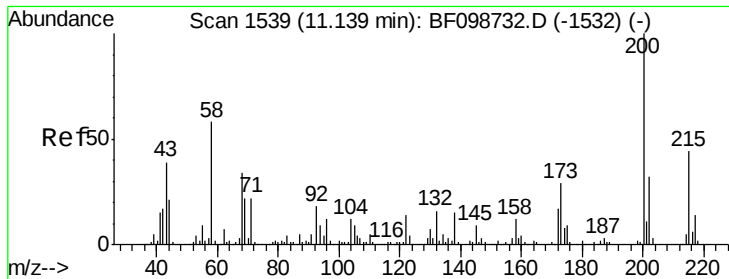


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

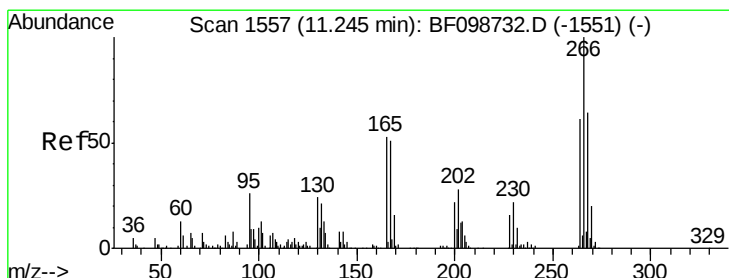
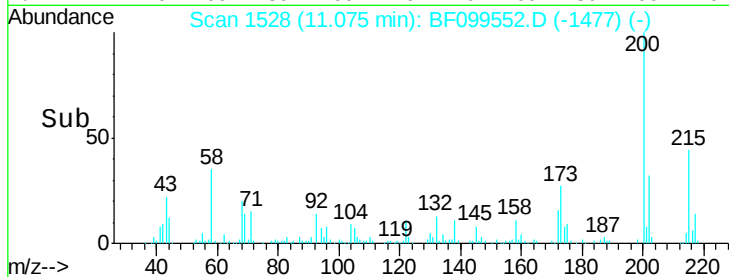
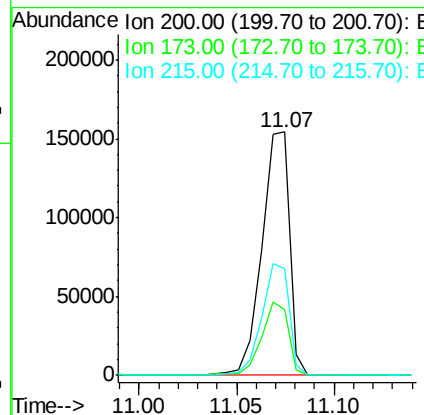
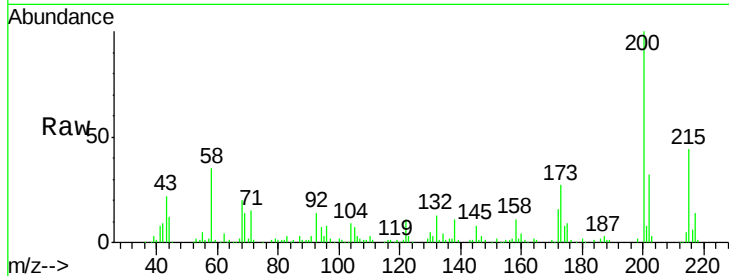




#68
 Atrazine
 Concen: 49.48 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

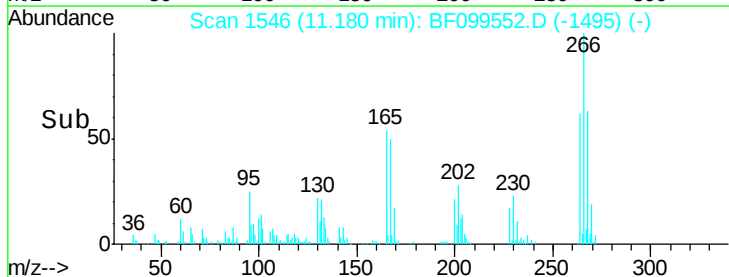
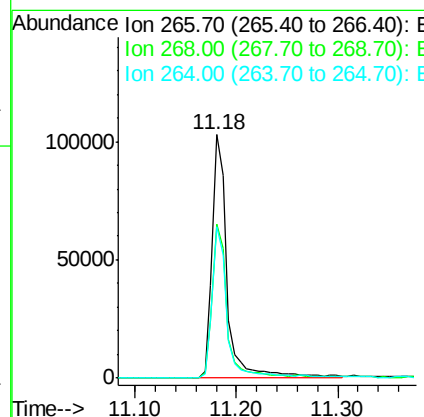
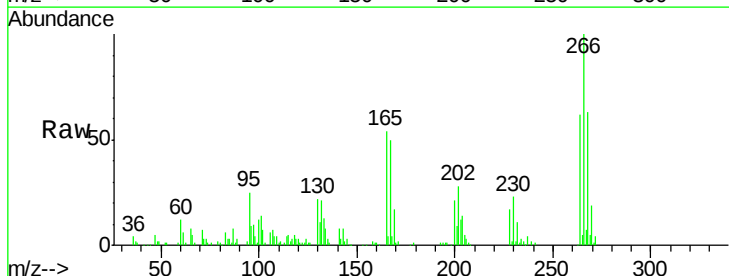
Instrument :
 BNA_F
 ClientSampleId :

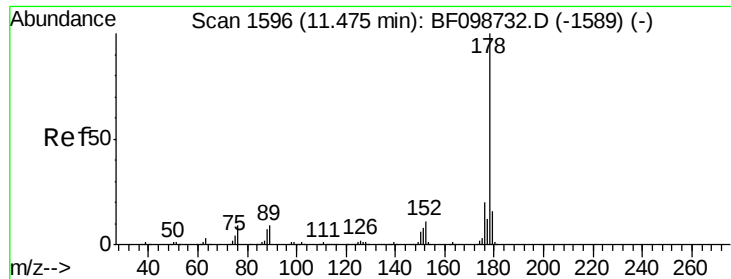
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.6	48.6
215	43.9	25.1	65.1



#69
 Pentachlorophenol
 Concen: 56.32 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	62.2	49.5	74.3

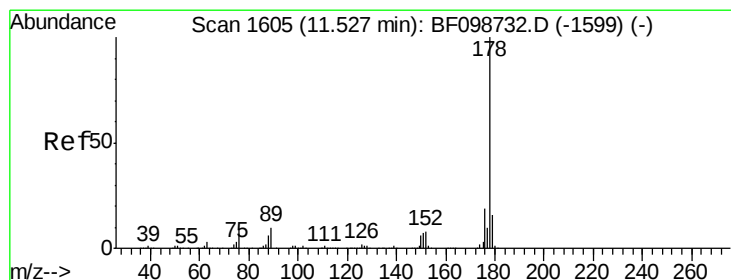
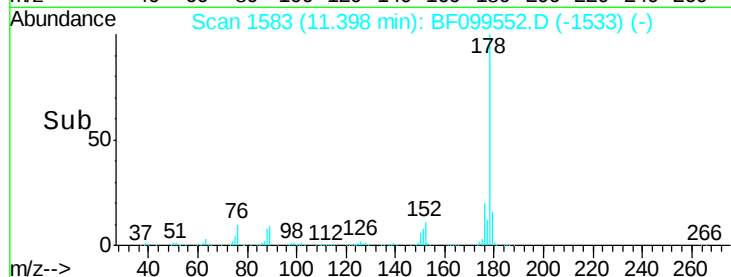
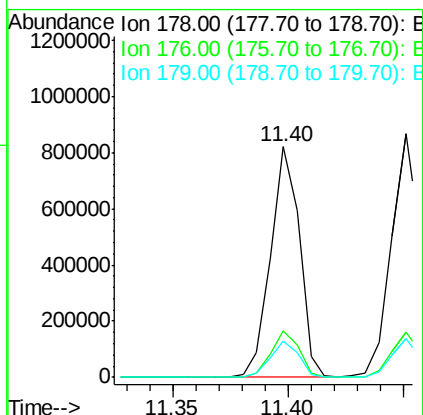
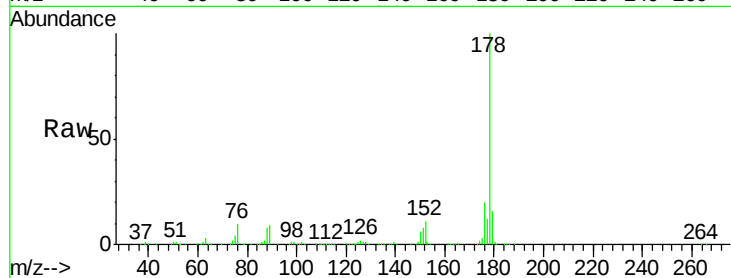




#70
Phenanthrene
Concen: 45.42 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

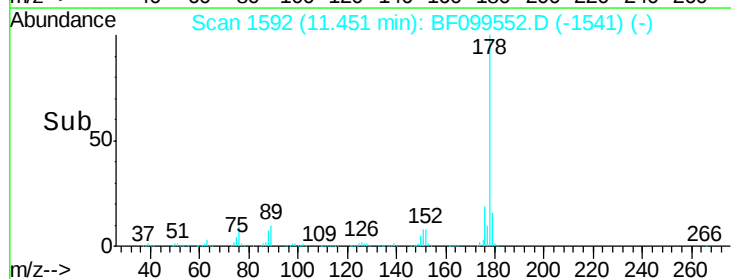
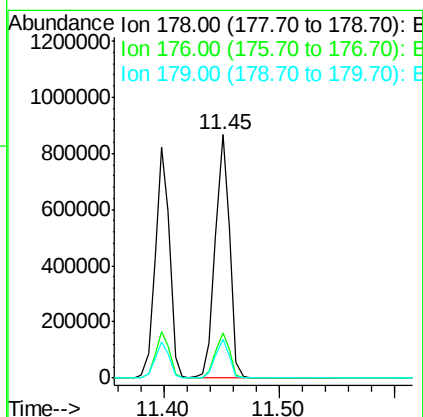
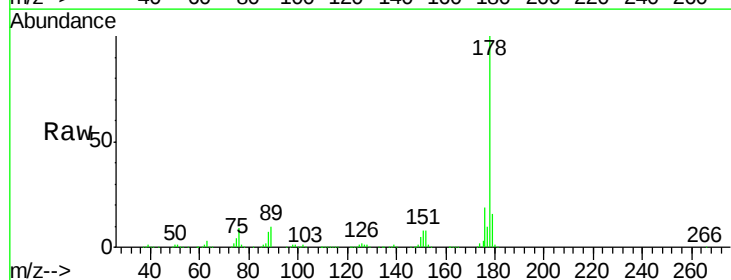
Instrument :
BNA_F
ClientSampled :

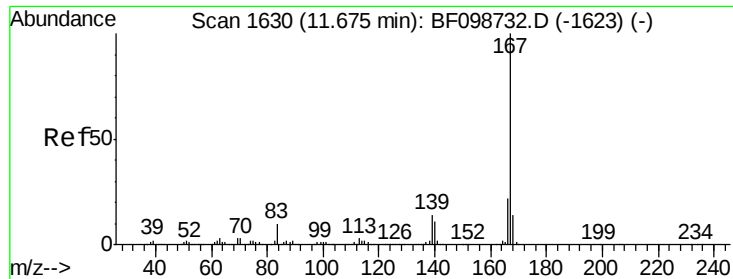
Tot Ion:178 Resp: 713633
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.7 13.0 19.6



#71
Anthracene
Concen: 46.42 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:178 Resp: 746154
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.7 12.6 19.0

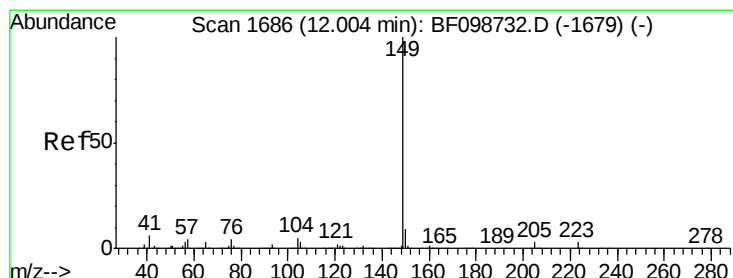
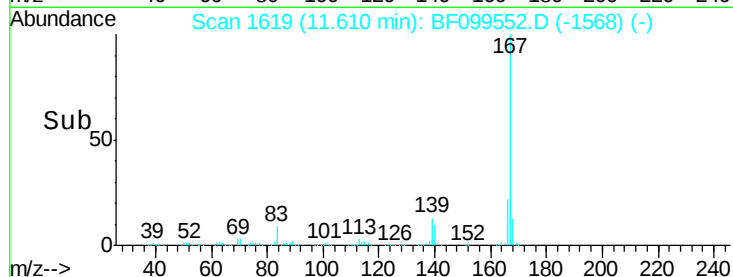
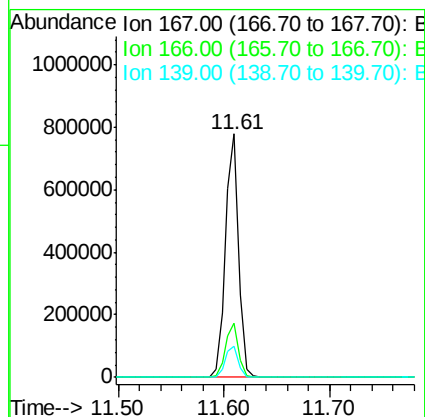
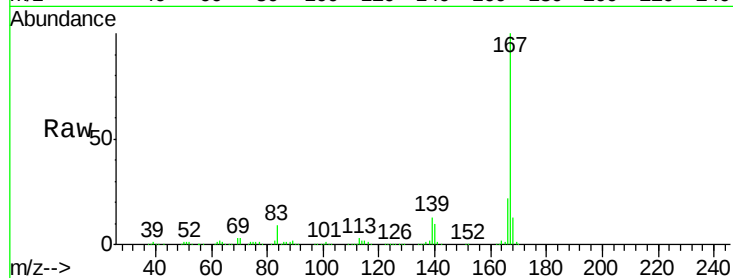




#72
 Carbazole
 Concen: 43.05 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

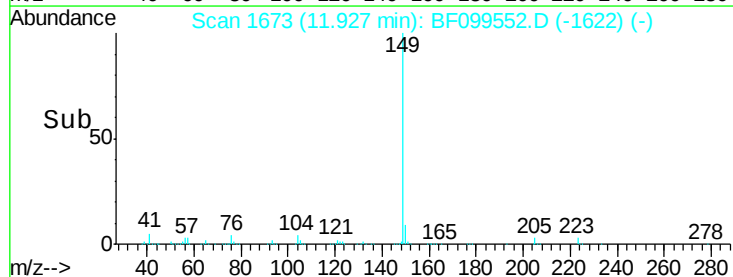
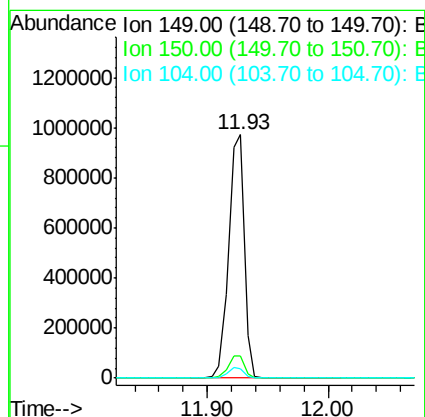
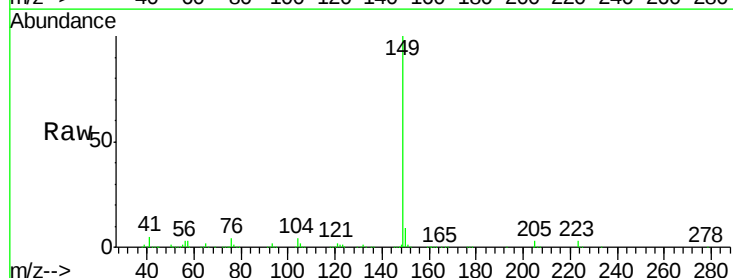
Instrument :
 BNA_F
 ClientSampleId :

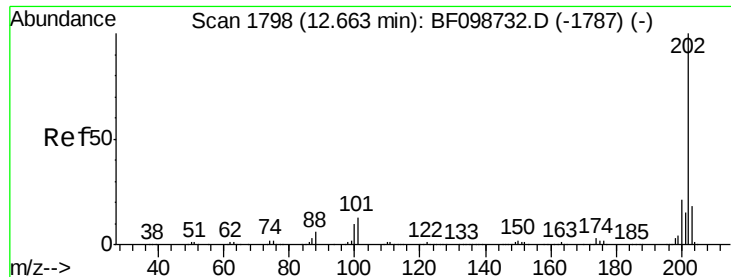
Tot Ion:167 Resp: 677692
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 12.6 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 45.98 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:149 Resp: 871275
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 3.9 3.8 5.8

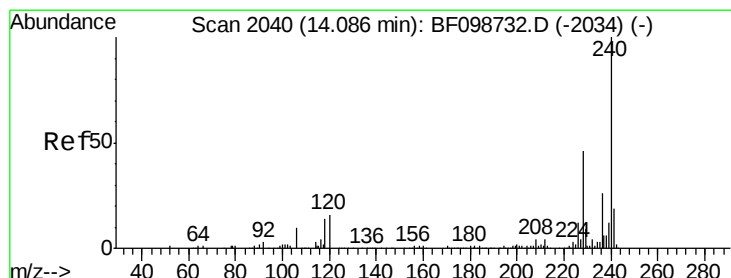
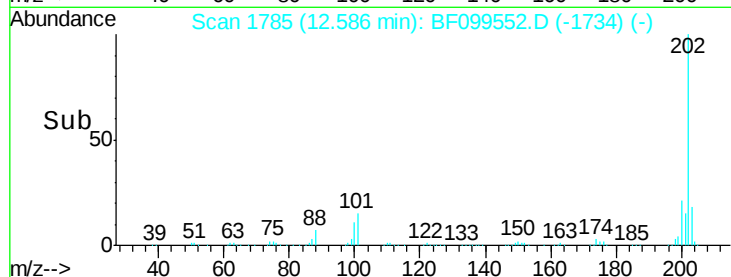
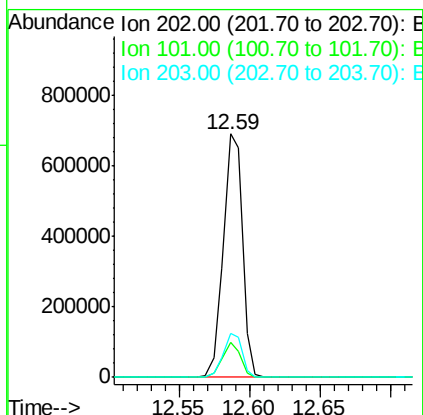
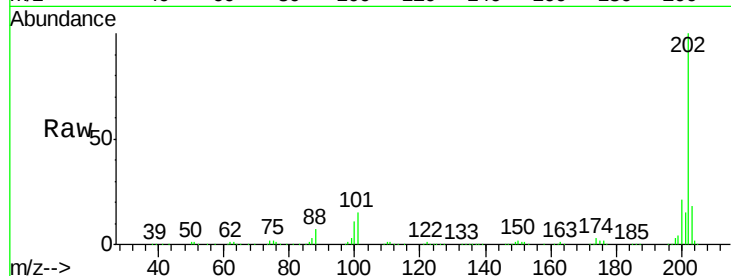




#74
Fluoranthene
Concen: 41.19 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

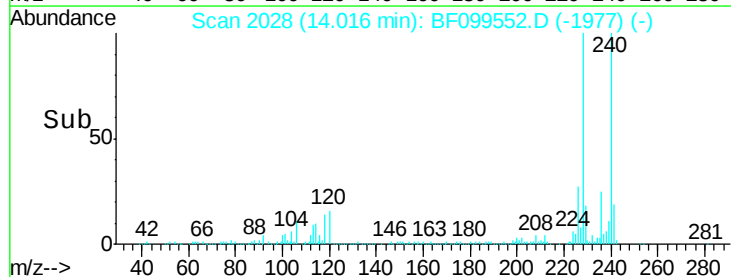
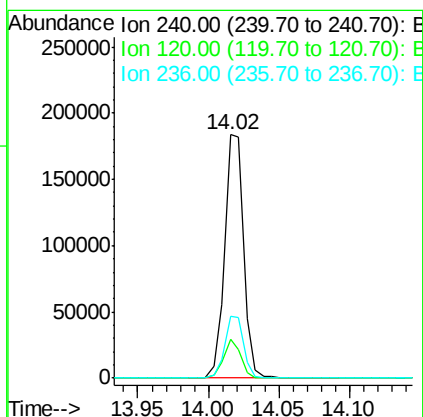
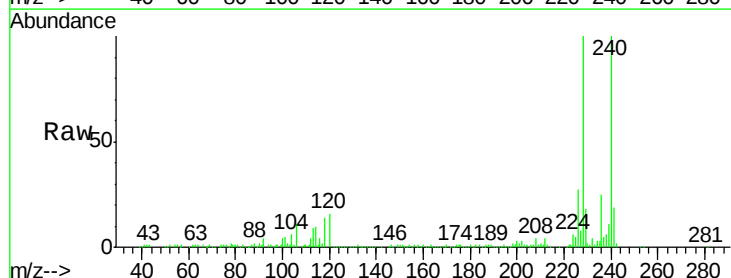
Instrument :
BNA_F
ClientSampleId :

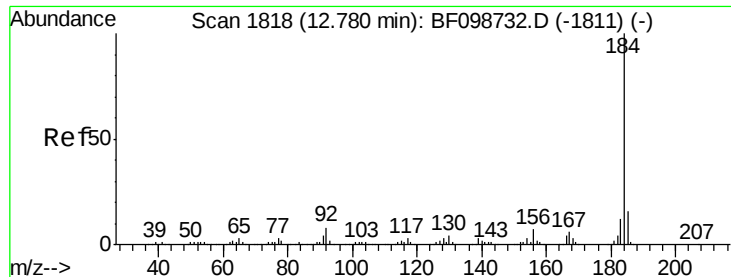
Tot Ion:202 Resp: 655314
Ion Ratio Lower Upper
202 100
101 14.6 0.0 34.1
203 17.8 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:240 Resp: 171188
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 25.1 20.7 31.1

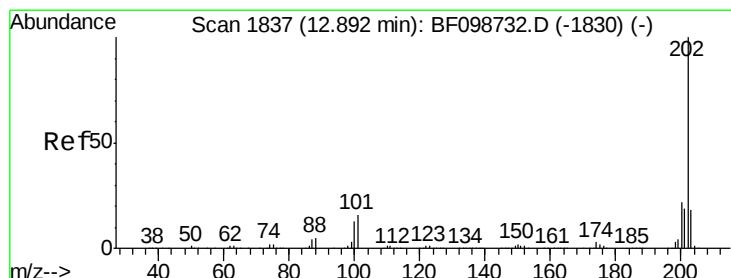
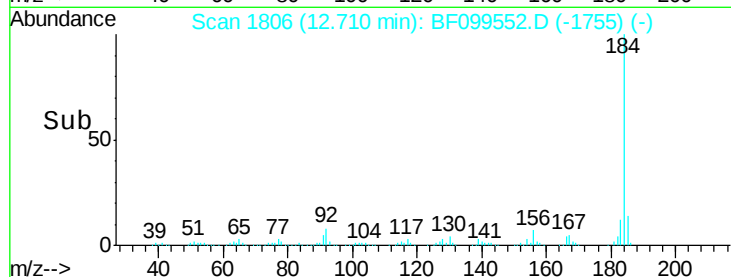
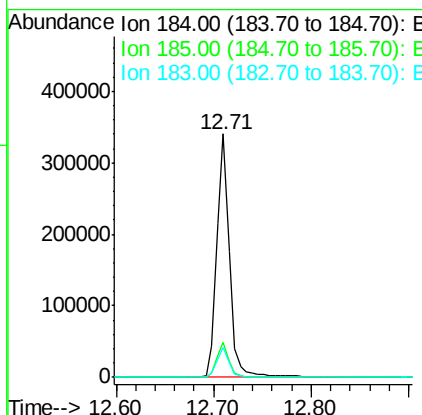
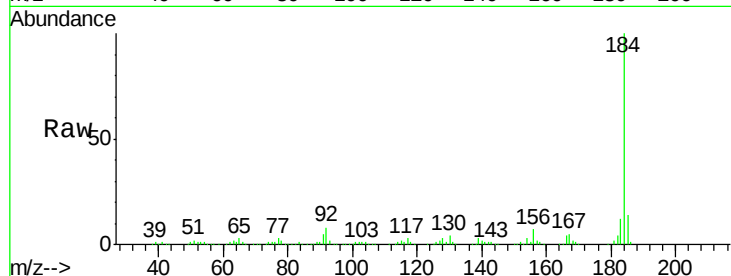




#76
Benzidine
Concen: 48.72 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

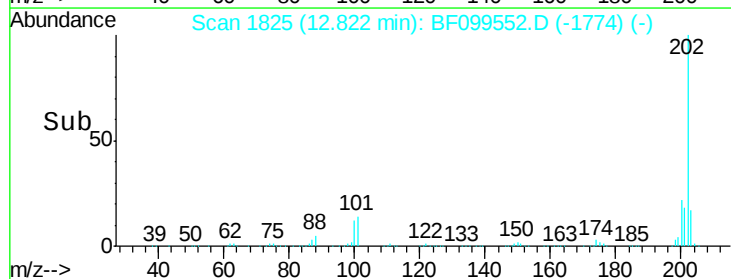
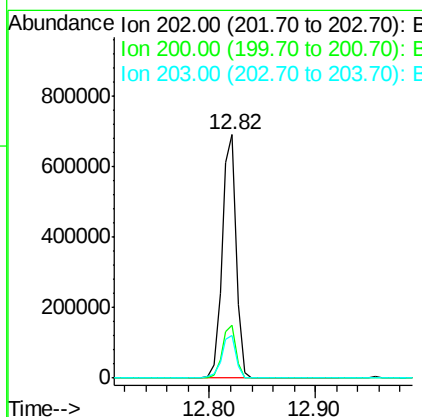
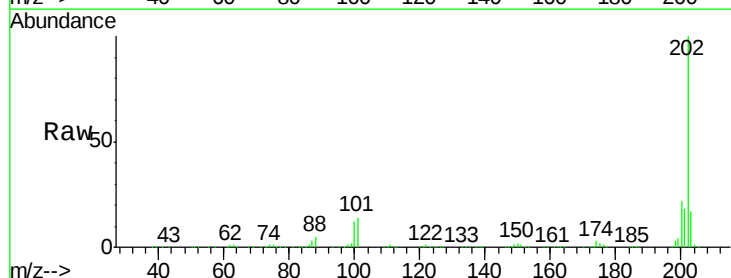
Instrument :
BNA_F
ClientSampled :

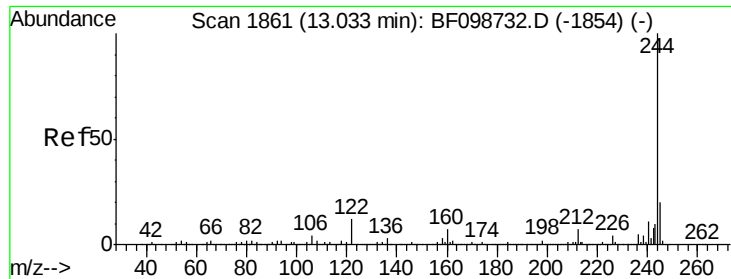
Tot Ion:184 Resp: 308508
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 12.1 9.3 13.9



#77
Pyrene
Concen: 49.21 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:202 Resp: 642415
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.4 14.3 21.5

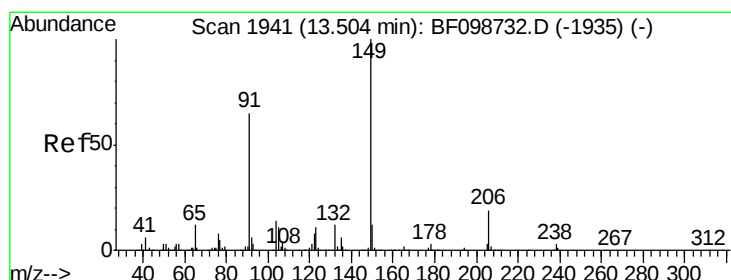
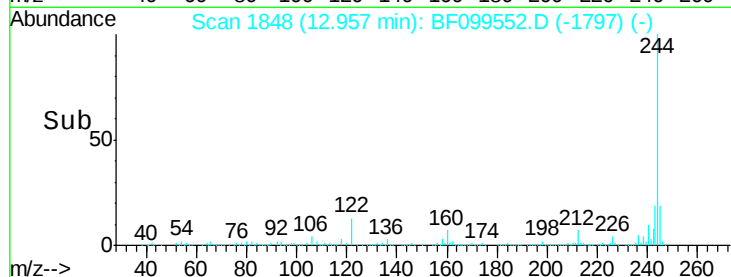
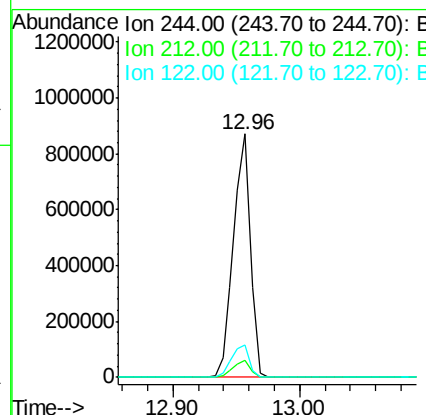
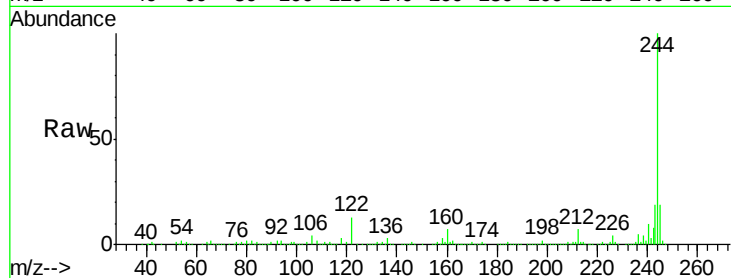




#78
 Terphenyl-d14
 Concen: 107.38 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

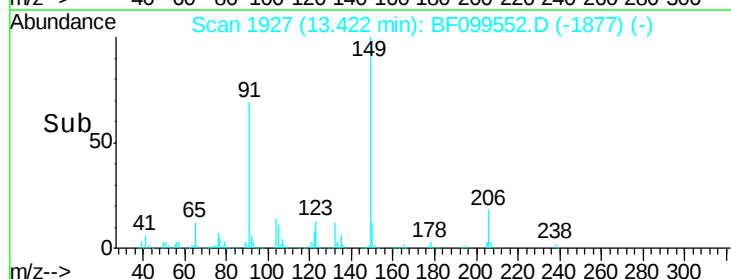
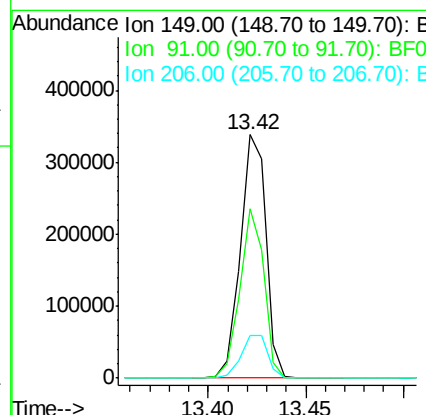
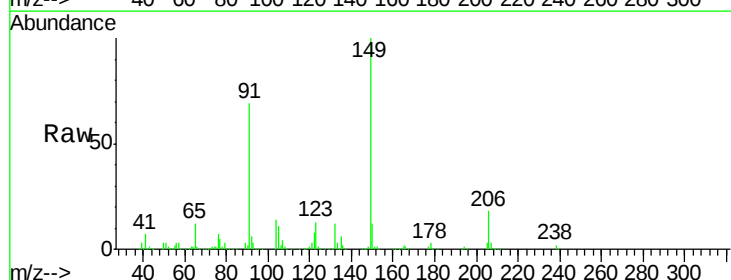
Instrument :
 BNA_F
 ClientSampleId :

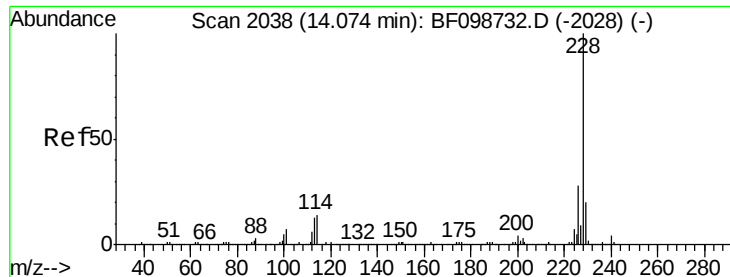
Tot Ion:244 Resp: 808289
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.2 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 49.83 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF099552.D
 Acq: 16 Oct 2017 19:03

Tgt Ion:149 Resp: 305681
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.8 85.2
 206 17.6 14.1 21.1

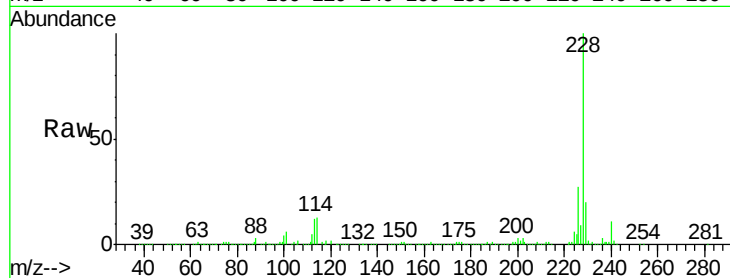




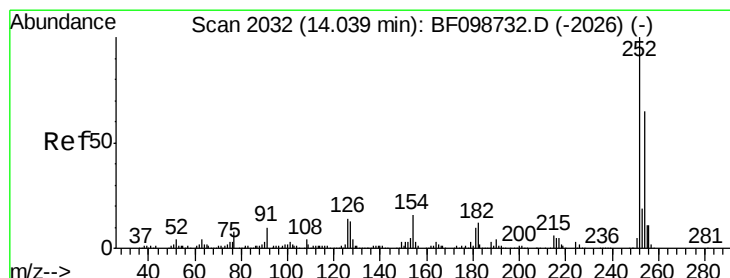
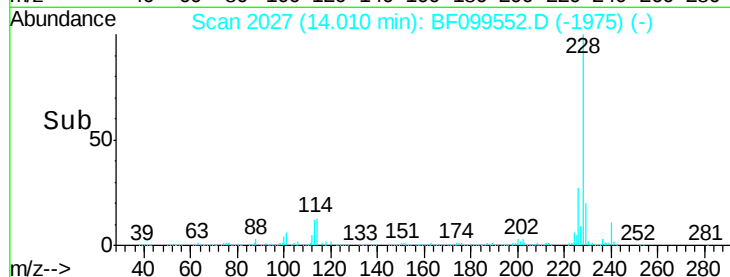
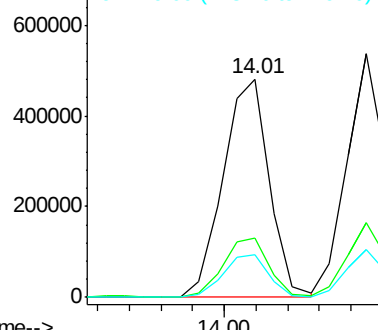
#80
Benzo(a)anthracene
Concen: 46.74 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	19.5	15.8	23.6

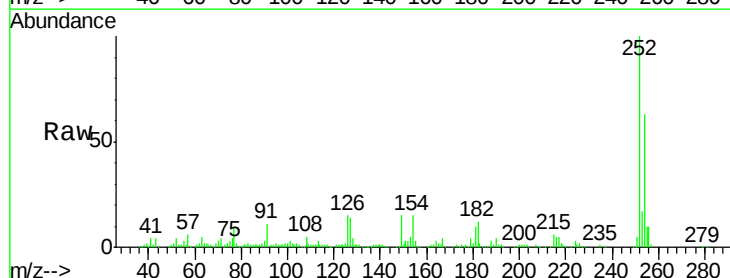


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

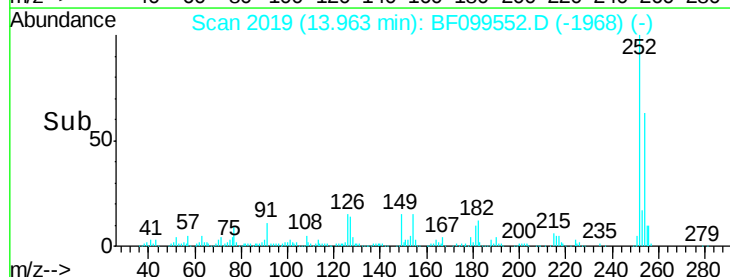
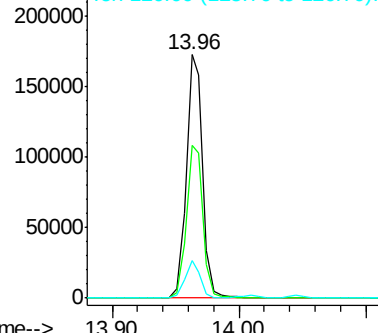


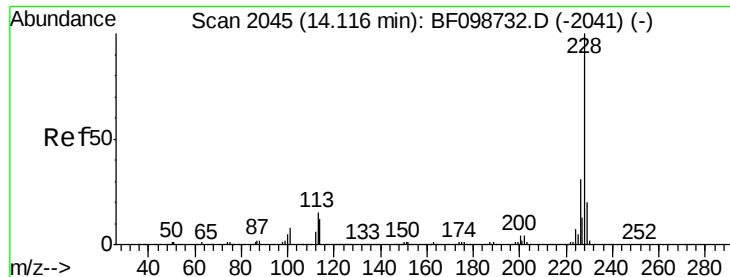
#81
3,3'-Dichlorobenzidine
Concen: 41.27 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	50.4	75.6
126	15.3	11.3	16.9



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





#82

Chrysene

Concen: 45.56 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

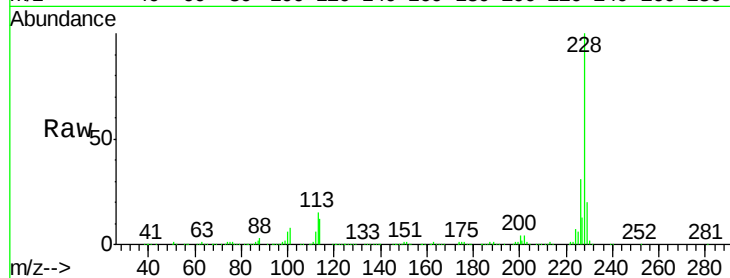
Tot Ion:228 Resp: 449612

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

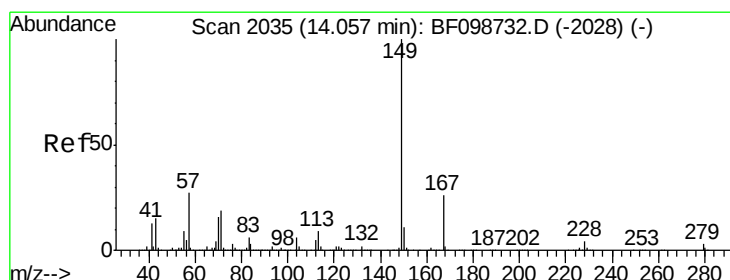
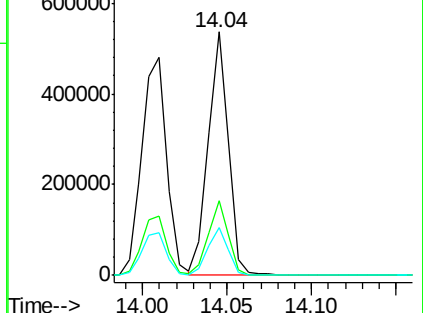
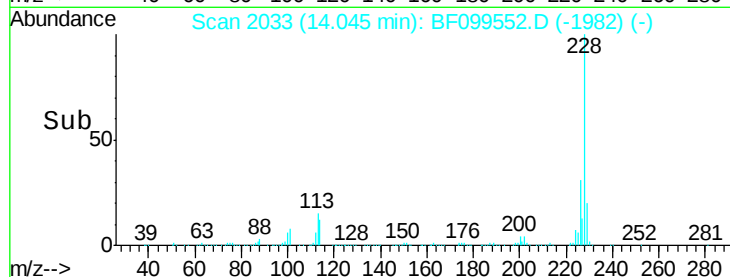
229 19.9 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 47.01 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

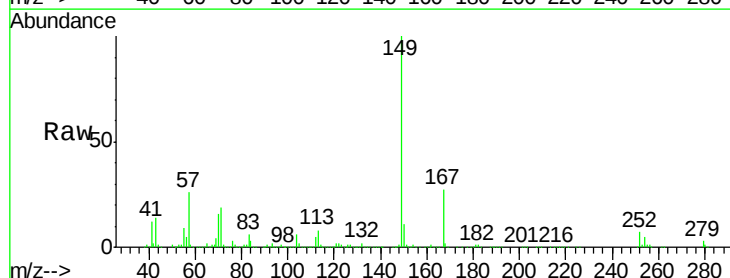
Tgt Ion:149 Resp: 397121

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

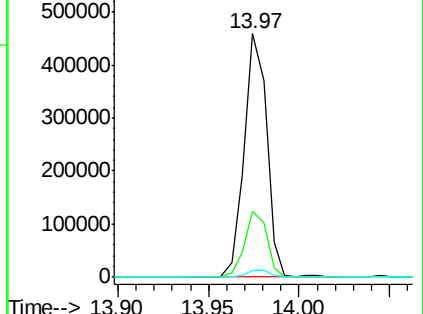
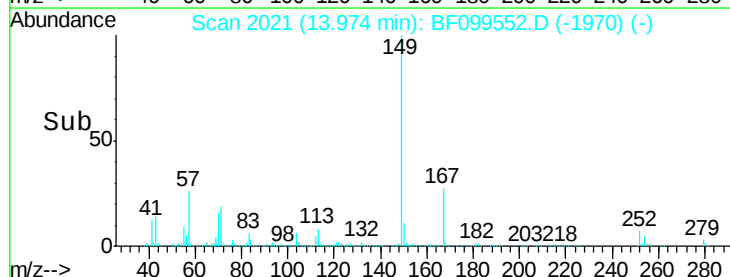
279 2.8 3.0 4.4#

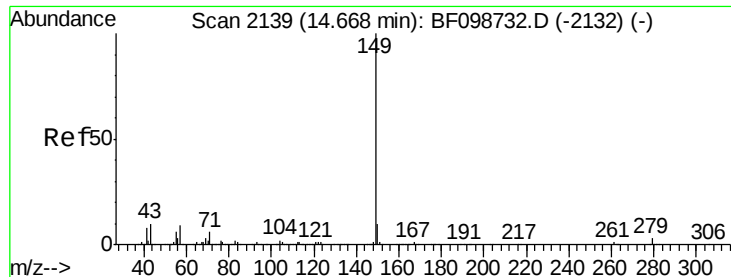


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 46.68 ng

RT: 14.59 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Instrument :

BNA_F

ClientSampleId :

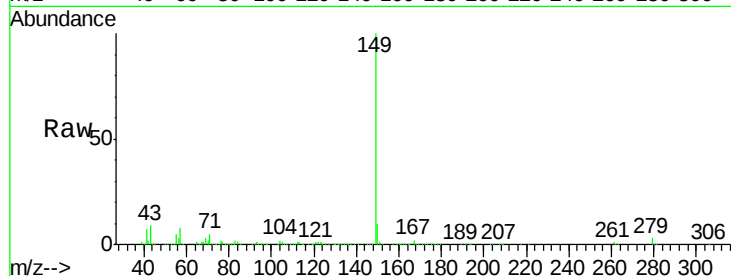
Tot Ion:149 Resp: 635015

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

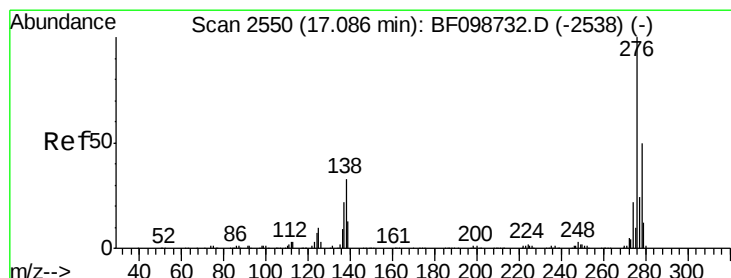
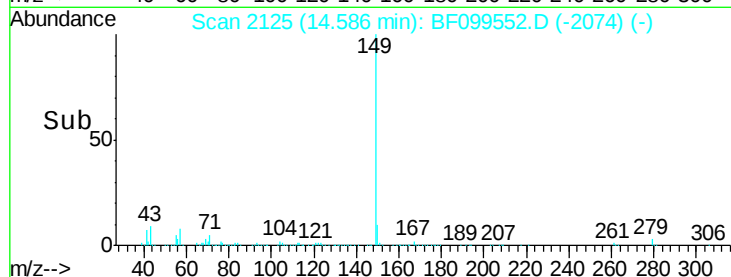
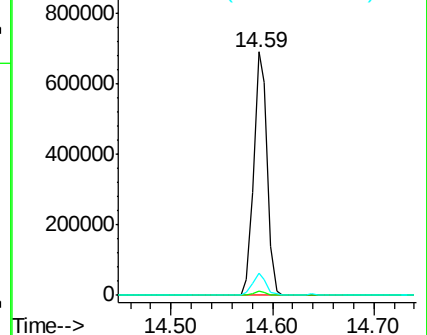
43 8.2 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 63.06 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

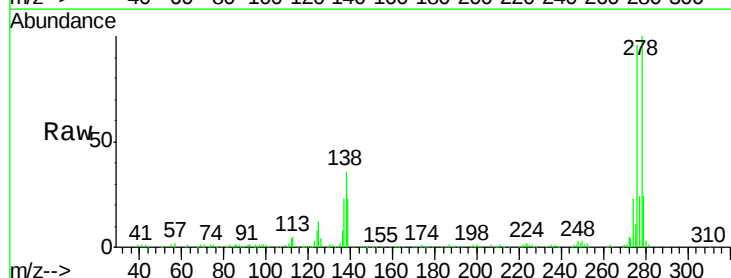
Tgt Ion:276 Resp: 497832

Ion Ratio Lower Upper

276 100

138 35.4 25.0 37.6

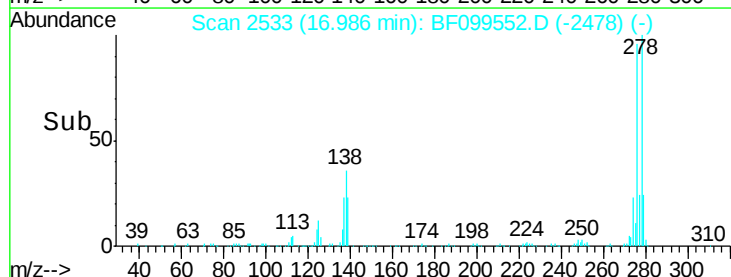
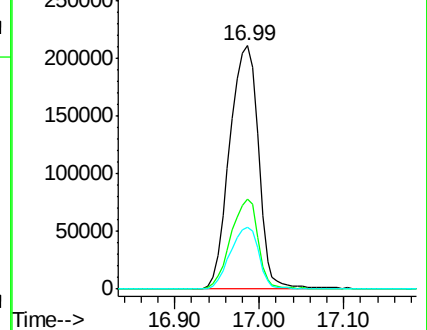
277 25.3 20.1 30.1

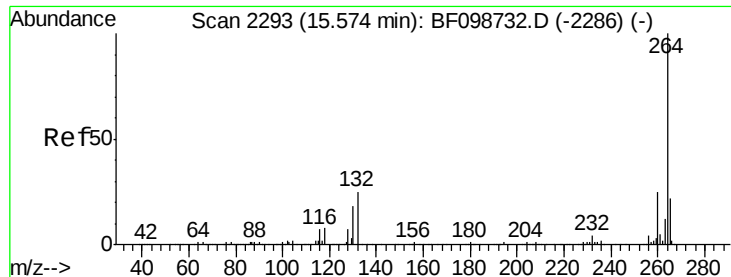


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



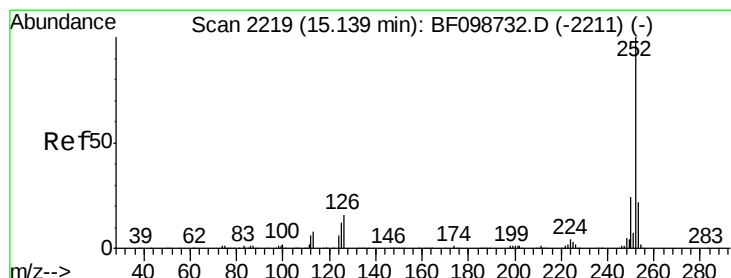
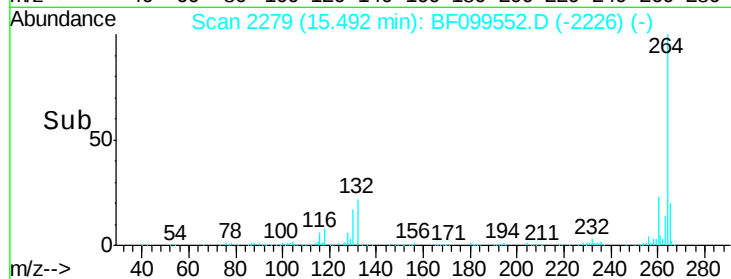
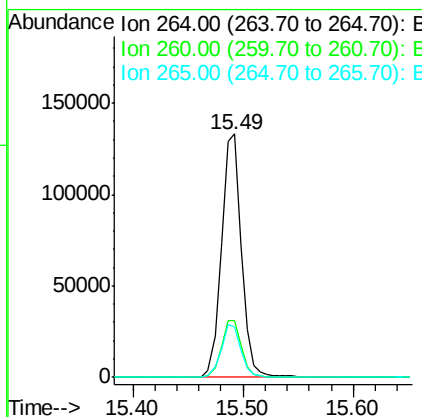
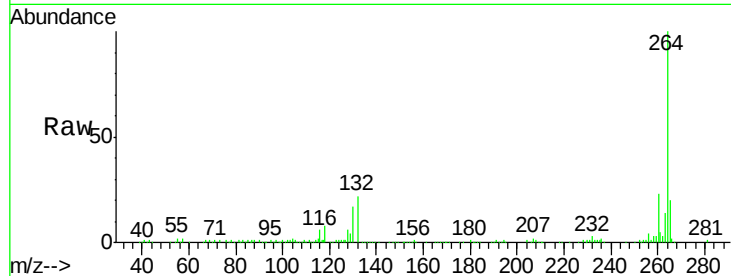


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 168800

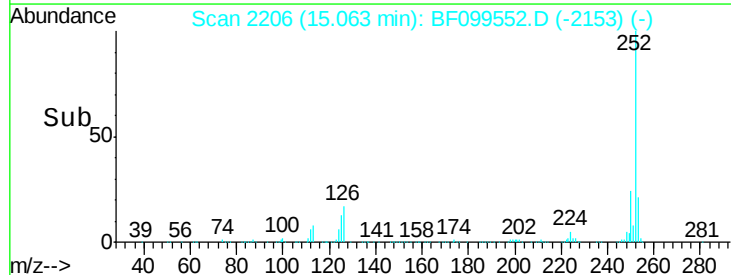
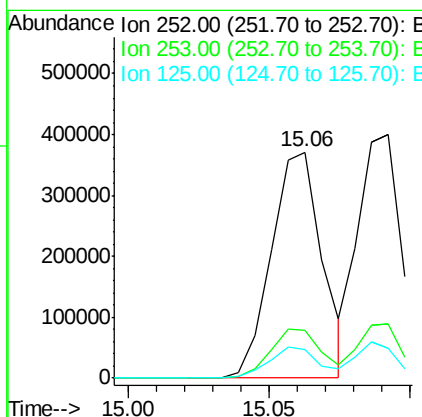
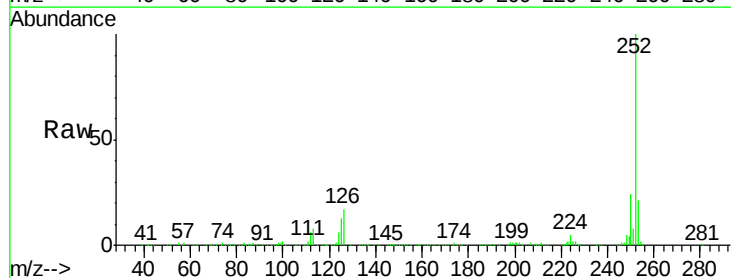
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.5	17.5	26.3

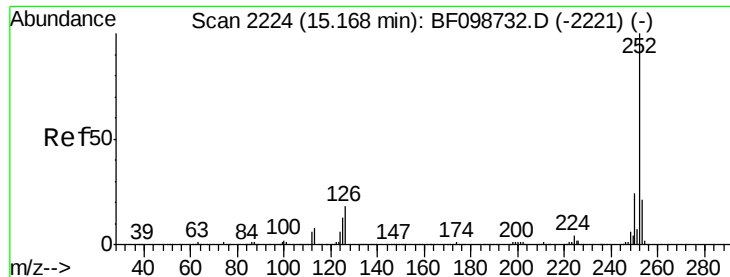


#87
Benzo(b)fluoranthene
Concen: 44.61 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:252 Resp: 462968

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	12.7	9.0	13.6

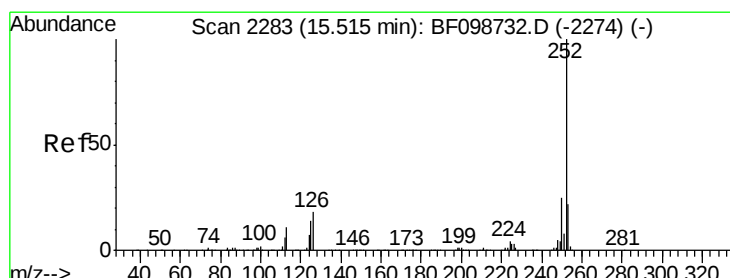
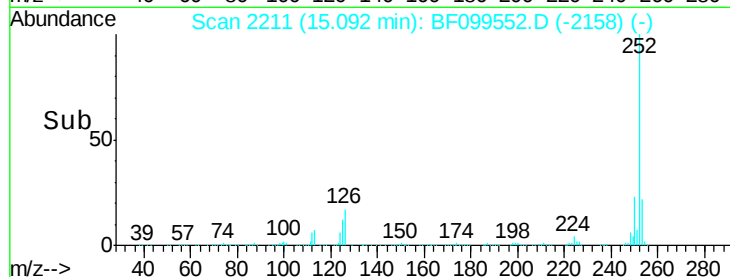
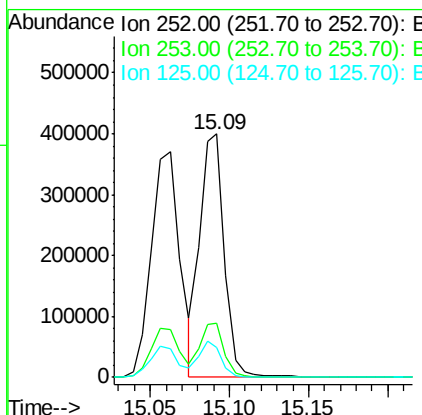
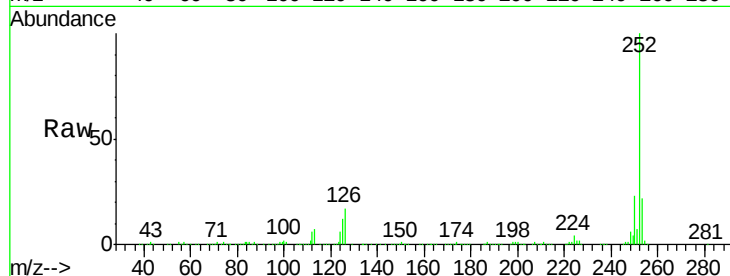




#88
Benzo(k)fluoranthene
Concen: 41.80 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

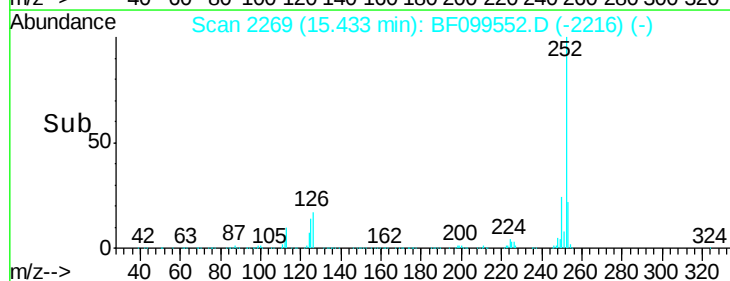
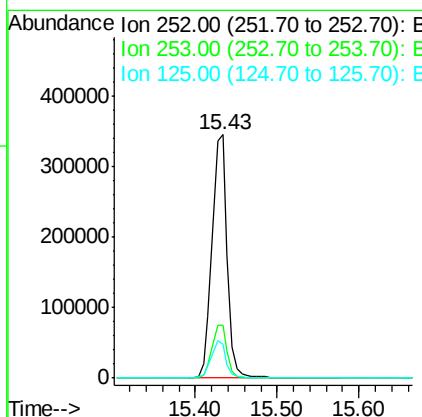
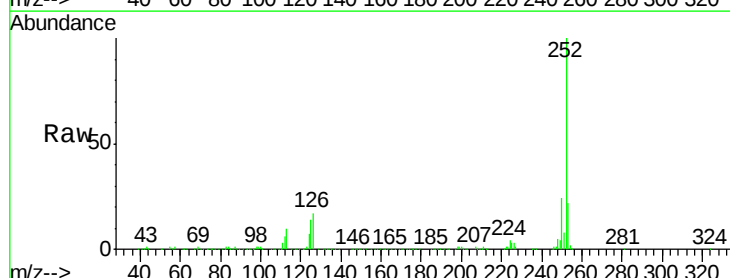
Instrument :
BNA_F
ClientSampleId :

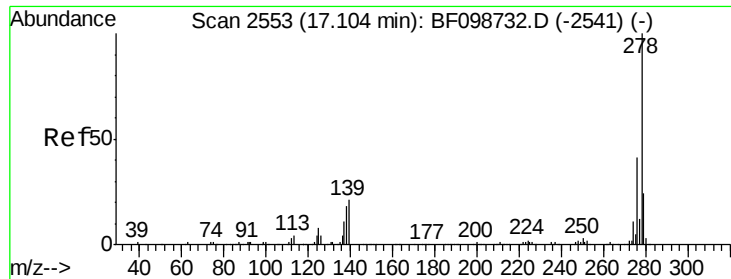
Tot Ion:252 Resp: 428505
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.1 10.2 15.2



#89
Benzo(a)pyrene
Concen: 46.93 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF099552.D
Acq: 16 Oct 2017 19:03

Tgt Ion:252 Resp: 447125
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.0 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 55.07 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

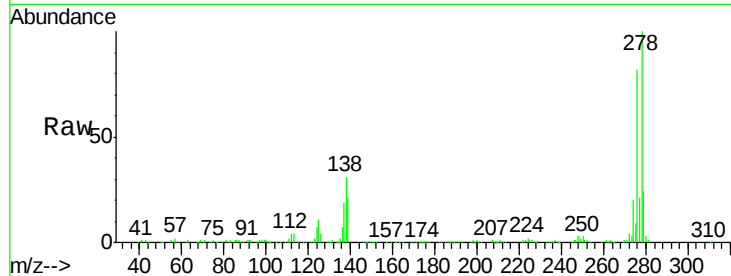
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 419896

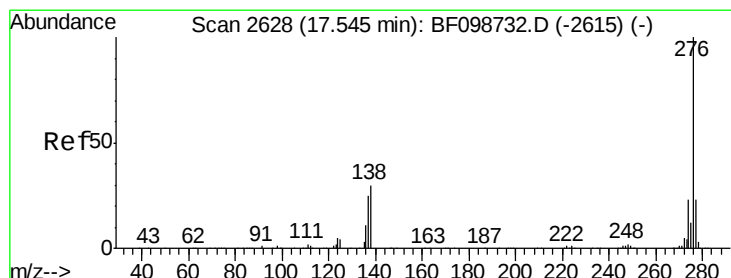
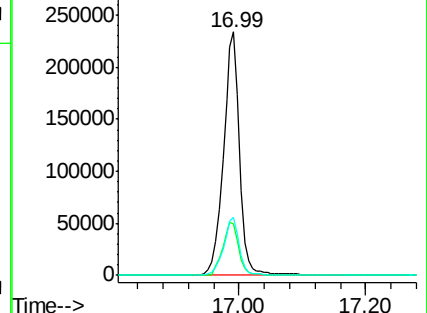
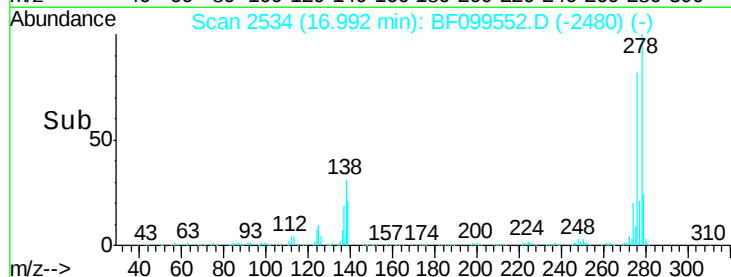
Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.9	23.9
279	23.8	19.0	28.4



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



#91

Benzo(g,h,i)perylene

Concen: 55.14 ng

RT: 17.43 min Scan# 2609

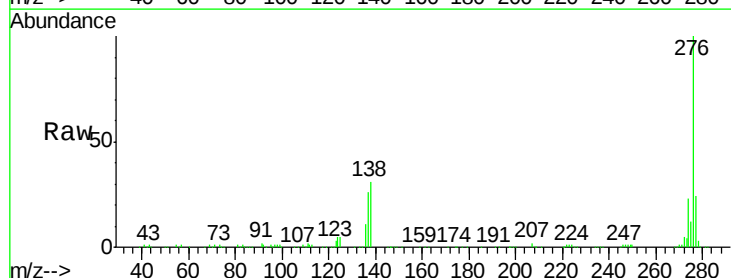
Delta R.T. 0.02 min

Lab File: BF099552.D

Acq: 16 Oct 2017 19:03

Tgt Ion:276 Resp: 415522

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	31.1	21.8	32.8



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

