

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099546.D
 Acq On : 16 Oct 2017 16:03
 Operator : SJ/JU
 Sample : I5782-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:26:33 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	103010	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	409032	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	169008	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	241717	20.00	ng	0.00
75) Chrysene-d12	14.02	240	181917	20.00	ng	0.00
86) Perylene-d12	15.49	264	204386	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	451203	69.73	ng	0.00
7) Phenol-d6	6.48	99	560612	70.23	ng	0.00
23) Nitrobenzene-d5	7.41	82	343790	53.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	75032	54.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	649089	64.12	ng	-0.01
78) Terphenyl-d14	12.95	244	398160	49.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	58453	18.91	ng	95
4) n-Nitrosodimethylamine	3.38	42	57758	16.29	ng	# 77
6) Aniline	6.52	93	28758	2.67	ng	92
8) 2-Chlorophenol	6.63	128	156699	21.38	ng	93
9) Benzaldehyde	6.40	77	58112	12.55	ng	95
10) Phenol	6.49	94	224316	25.13	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	153514	22.12	ng	96
12) 1,3-Dichlorobenzene	6.79	146	179160	23.34	ng	96
13) 1,4-Dichlorobenzene	6.86	146	182413	23.36	ng	97
14) 1,2-Dichlorobenzene	7.02	146	171354	23.75	ng	97
15) Benzyl Alcohol	6.99	79	122067	20.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214503	19.84	ng	92
17) 2-Methylphenol	7.10	107	127025	21.19	ng	98
18) Hexachloroethane	7.35	117	59803	21.31	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	101801	19.97	ng	96
20) 3+4-Methylphenols	7.25	107	158568	20.90	ng	# 57
22) Acetophenone	7.25	105	219924	22.19	ng	# 97
24) Nitrobenzene	7.43	77	159558	22.05	ng	94
25) Isophorone	7.66	82	286769	21.75	ng	99
26) 2-Nitrophenol	7.75	139	69089	19.86	ng	91
27) 2,4-Dimethylphenol	7.78	122	115961	17.65	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	189843	23.10	ng	99
29) 2,4-Dichlorophenol	7.99	162	114748	20.34	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	138408	24.53	ng	98
31) Naphthalene	8.15	128	460534	23.97	ng	99
32) Benzoic acid	7.78	122	115961	21.49	ng	# 13
33) 4-Chloroaniline	8.20	127	63656	7.93	ng	95
34) Hexachlorobutadiene	8.26	225	68643	23.62	ng	97
35) Caprolactam	8.55	113	9085	5.02	ng	93
36) 4-Chloro-3-methylphenol	8.68	107	122322	19.29	ng	94
37) 2-Methylnaphthalene	8.84	142	309937	24.82	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	121302	24.07	ng	98
40) Hexachlorocyclopentadiene	8.99	237	19599	8.51	ng	96
42) 2,4,6-Trichlorophenol	9.12	196	61460	17.21	ng	99

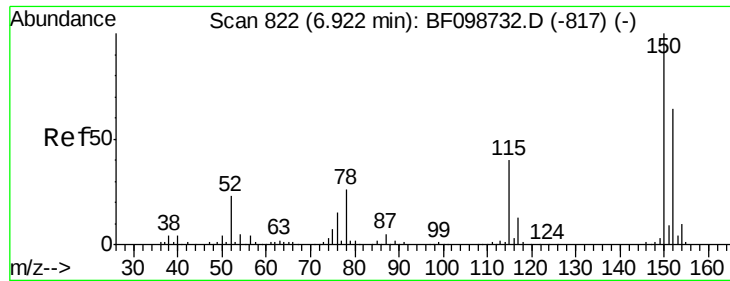
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099546.D
 Acq On : 16 Oct 2017 16:03
 Operator : SJ/JU
 Sample : I5782-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:26:33 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	9.16	196	56438	15.83	nq	98
45) 1,1'-Biphenyl	9.30	154	355171	24.45	nq	97
46) 2-Chloronaphthalene	9.33	162	271336	24.88	nq	98
47) 2-Nitroaniline	9.43	65	71376	21.37	nq	98
48) Acenaphthylene	9.75	152	394756	23.65	nq	99
49) Dimethylphthalate	9.60	163	443717	34.79	nq	100
50) 2,6-Dinitrotoluene	9.67	165	64426	23.20	nq	89
51) Acenaphthene	9.92	154	230595	21.80	nq	99
52) 3-Nitroaniline	9.84	138	65120	20.11	nq	91
54) Dibenzofuran	10.09	168	343646	24.41	nq	99
55) 4-Nitrophenol	10.01	139	43898	16.03	nq	90
56) 2,4-Dinitrotoluene	10.07	165	76537	21.24	nq	# 98
57) Fluorene	10.43	166	262272	23.17	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	26404	10.72	nq	98
59) Diethylphthalate	10.30	149	284142	22.80	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	122931	24.18	nq	97
61) 4-Nitroaniline	10.45	138	59472	19.04	nq	87
62) Azobenzene	10.58	77	277111	24.18	nq	92
65) n-Nitrosodiphenylamine	10.54	169	219097	26.16	nq	98
66) 4-Bromophenyl-phenylether	10.91	248	63648	26.90	nq	92
67) Hexachlorobenzene	10.98	284	59807	23.67	nq	94
68) Atrazine	11.06	200	63415	25.17	nq	99
69) Pentachlorophenol	11.18	266	6938	4.41	nq	95
70) Phenanthrene	11.39	178	324110	25.05	nq	99
71) Anthracene	11.45	178	331252	25.02	nq	98
72) Carbazole	11.60	167	293214	22.62	nq	99
73) Di-n-butylphthalate	11.92	149	382116	24.49	nq	98
74) Fluoranthene	12.59	202	295454	22.55	nq	97
77) Pvrene	12.82	202	303613	21.89	nq	99
79) Butylbenzylphthalate	13.42	149	138700	21.27	nq	93
80) Benzo(a)anthracene	14.00	228	262184	23.80	nq	100
81) 3,3'-Dichlorobenzidine	13.96	252	73368	18.17	nq	96
82) Chrysene	14.04	228	254175	24.24	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	205673	22.91	nq	98
84) Di-n-octyl phthalate	14.59	149	364230	25.20	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.97	276	283916	33.84	nq	95
87) Benzo(b)fluoranthene	15.06	252	275461	21.92	nq	97
88) Benzo(k)fluoranthene	15.09	252	275650	22.21	nq	99
89) Benzo(a)pyrene	15.43	252	275640	23.90	nq	98
90) Dibenzo(a,h)anthracene	16.98	278	242928	26.32	nq	96
91) Benzo(g,h,i)perylene	17.42	276	227768	24.96	nq	95

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

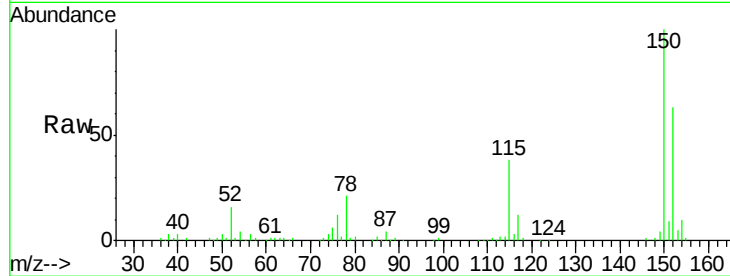


#1

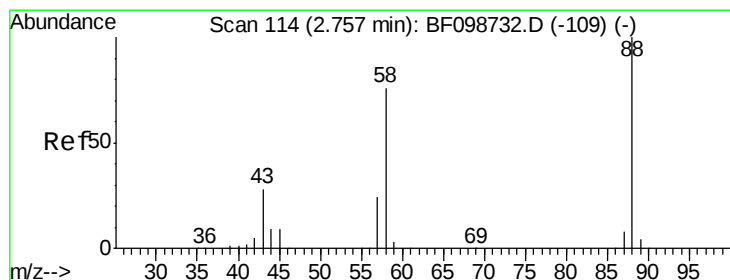
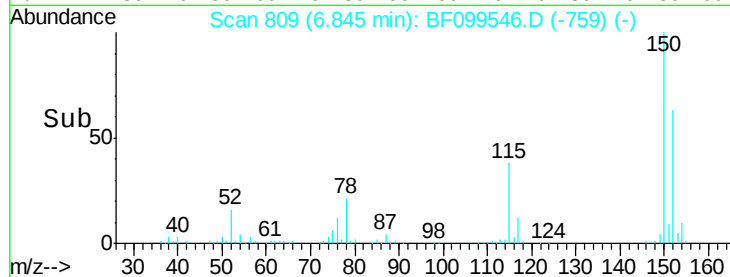
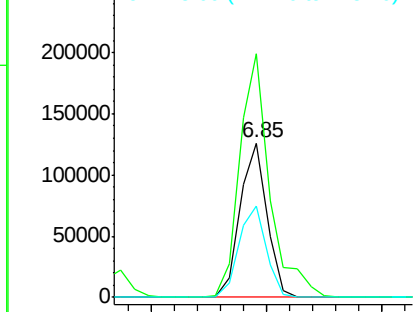
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103010
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 59.3 50.1 75.1



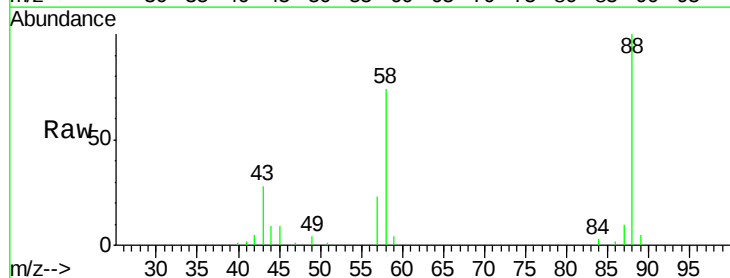
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



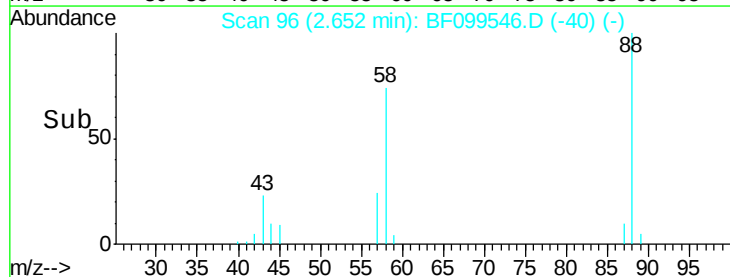
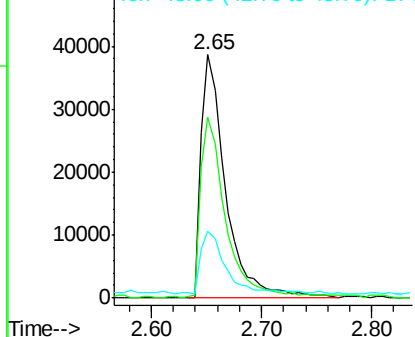
#2

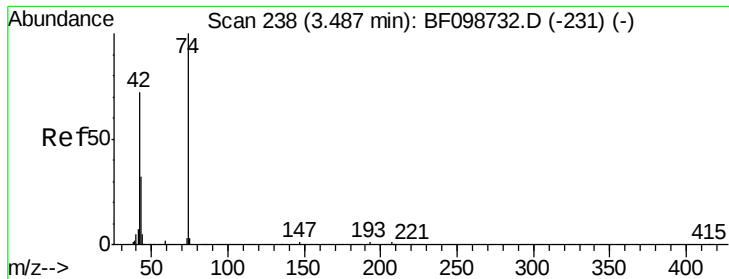
1,4-Dioxane
Concen: 18.91 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.03 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 88 Resp: 58453
Ion Ratio Lower Upper
88 100
58 75.8 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



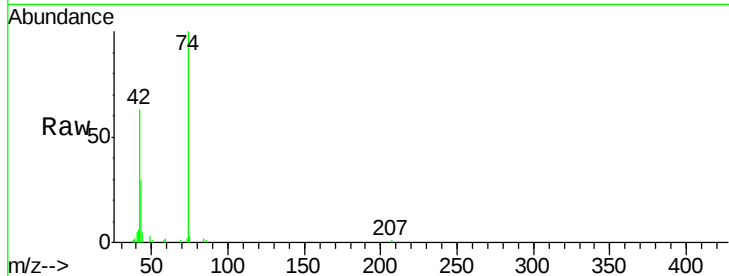


#4

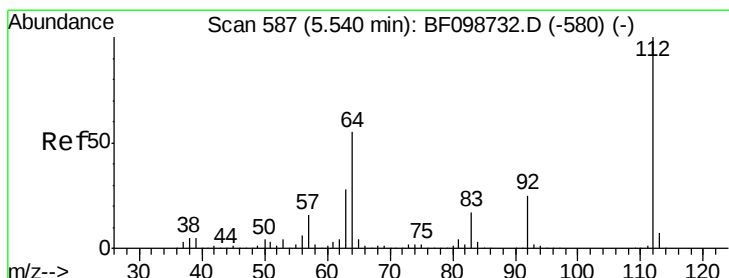
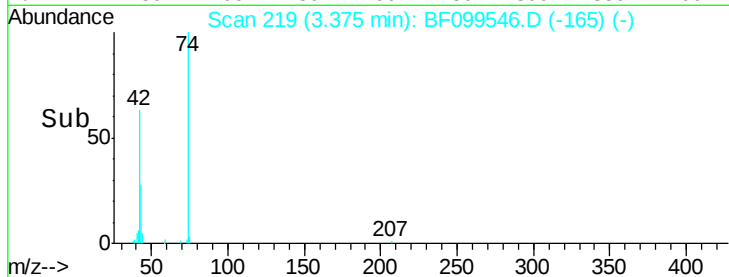
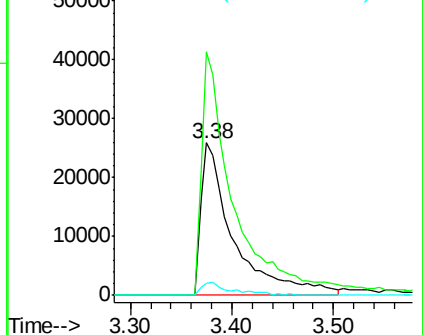
n-Nitrosodimethylamine
 Concen: 16.29 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.02 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 42 Resp: 57758
 Ion Ratio Lower Upper
 42 100
 74 160.0 104.9 157.3#
 44 7.9 6.9 10.3



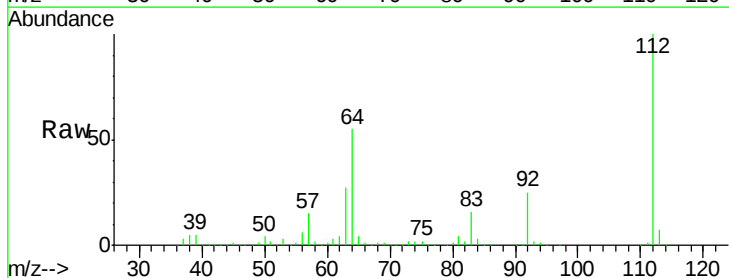
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



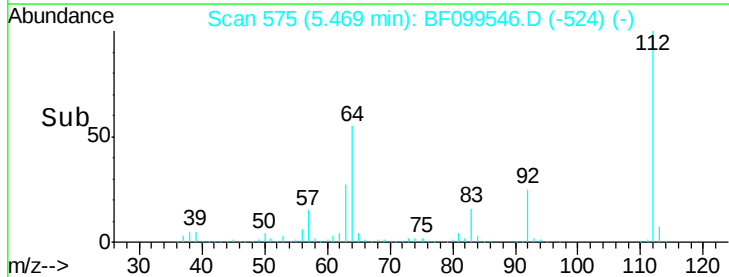
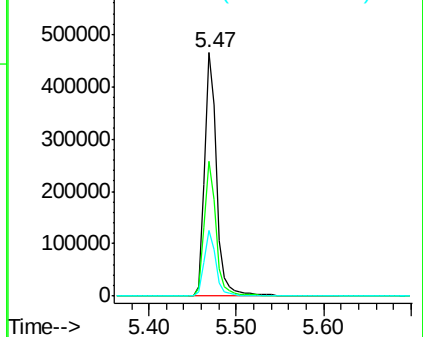
#5

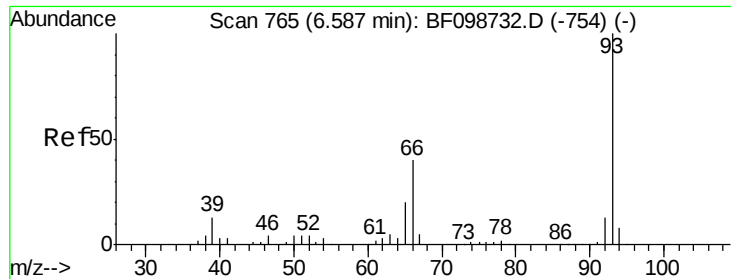
2-Fluorophenol
 Concen: 69.73 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion: 112 Resp: 451203
 Ion Ratio Lower Upper
 112 100
 64 55.2 47.9 71.9
 63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.67 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

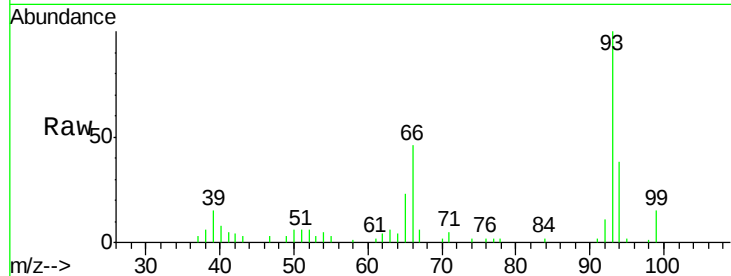
Tot Ion: 93 Resp: 28758

Ion Ratio Lower Upper

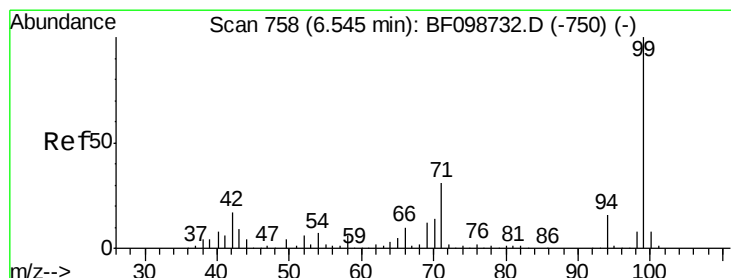
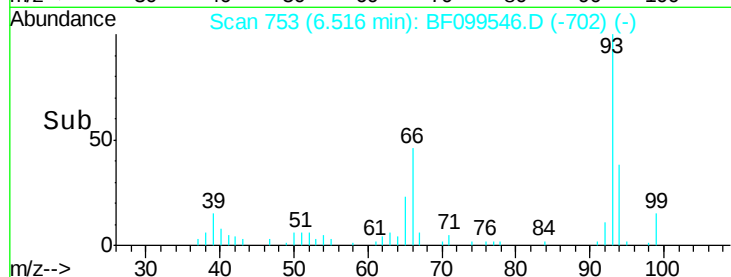
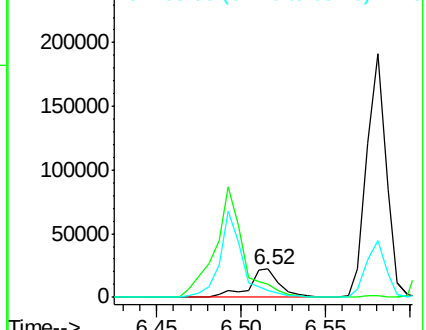
93 100

66 45.5 32.2 48.2

65 23.4 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 70.23 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

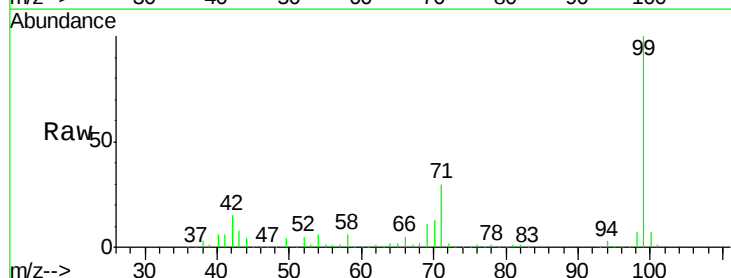
Tgt Ion: 99 Resp: 560612

Ion Ratio Lower Upper

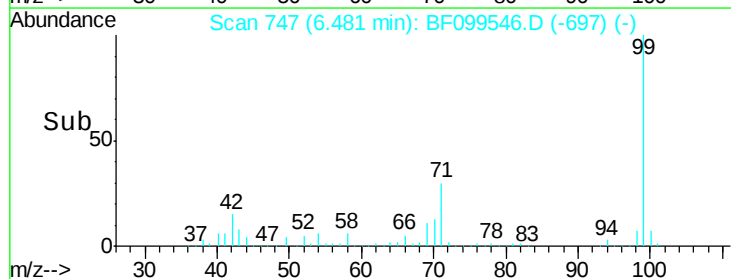
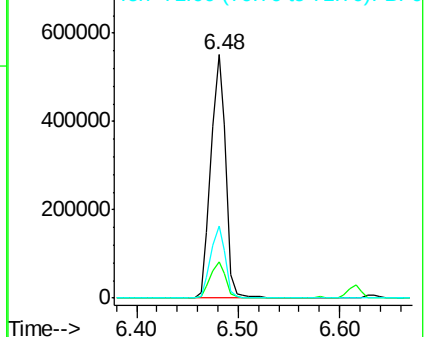
99 100

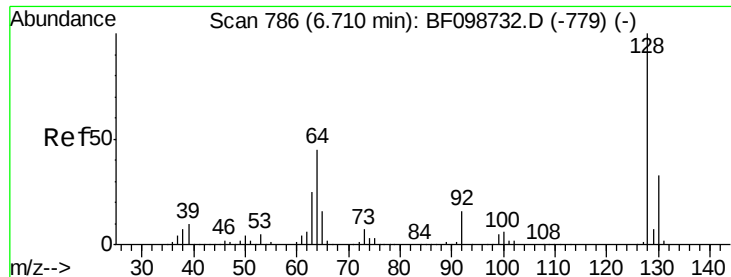
42 15.2 14.5 21.7

71 29.8 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: 21.38 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

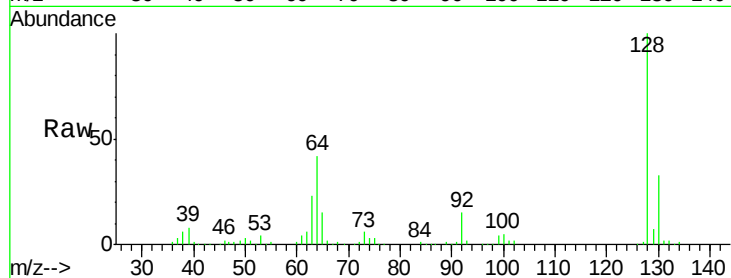
Tot Ion:128 Resp: 156699

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

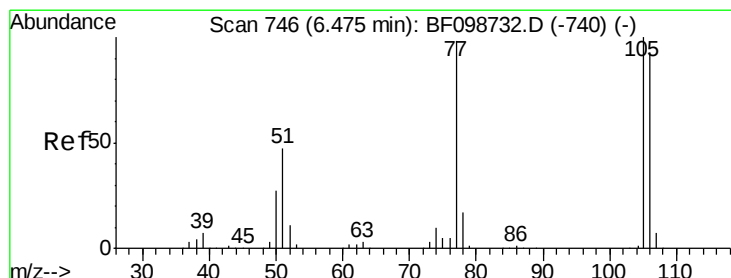
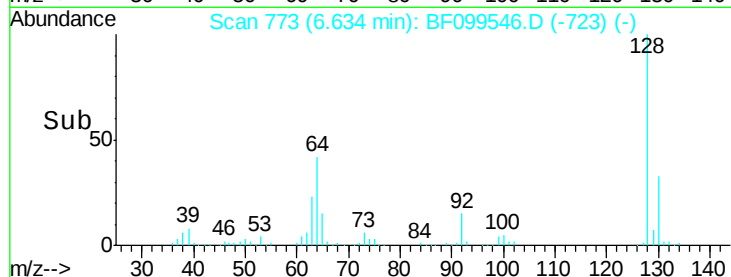
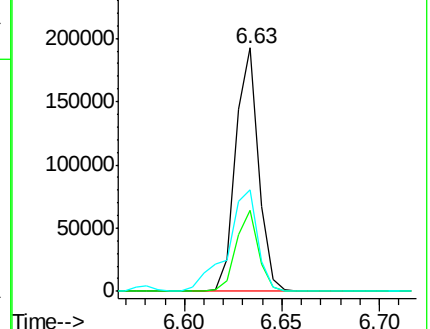
64 41.9 29.4 69.4



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): E



#9

Benzaldehyde

Concen: 12.55 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

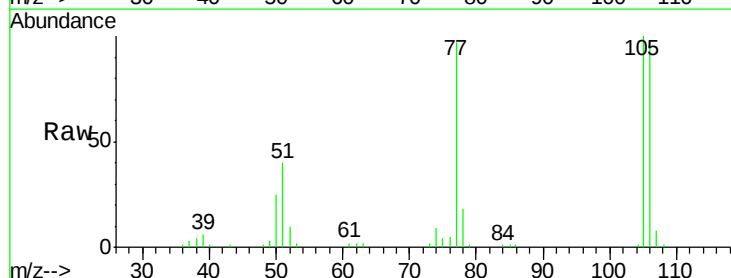
Tgt Ion: 77 Resp: 58112

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

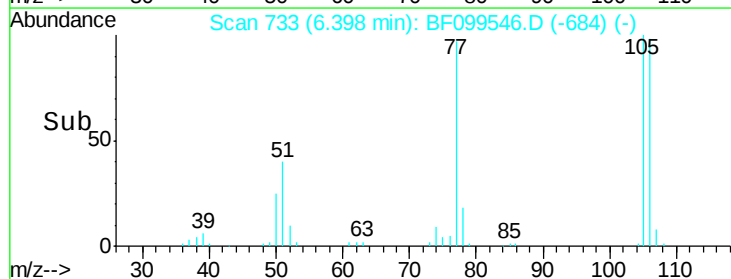
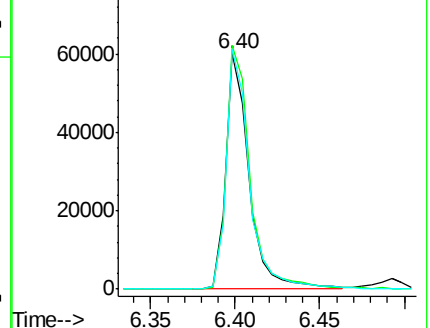
106 101.7 74.5 114.5

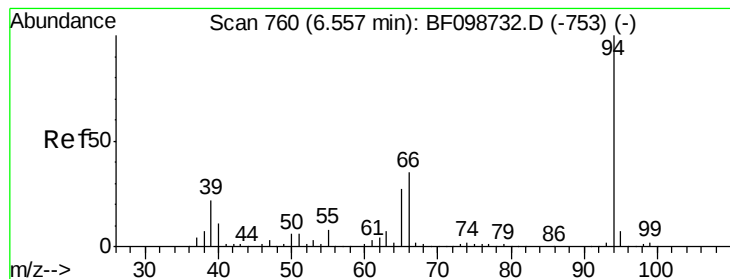


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 25.13 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

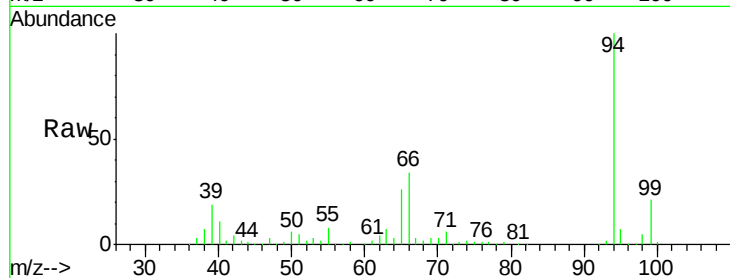
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 224316

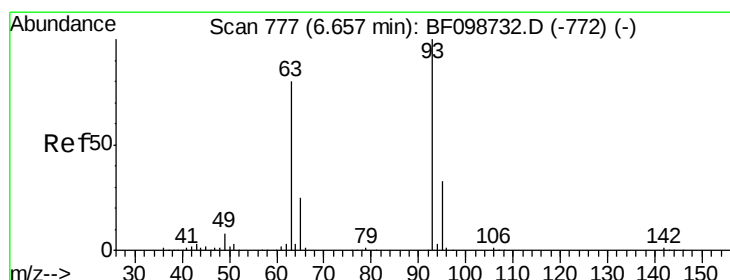
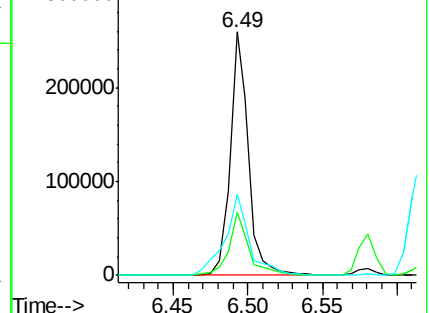
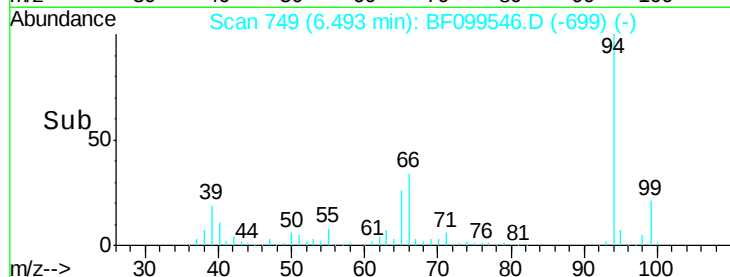
Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	33.5	16.2	56.2



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: 22.12 ng

RT: 6.58 min Scan# 764

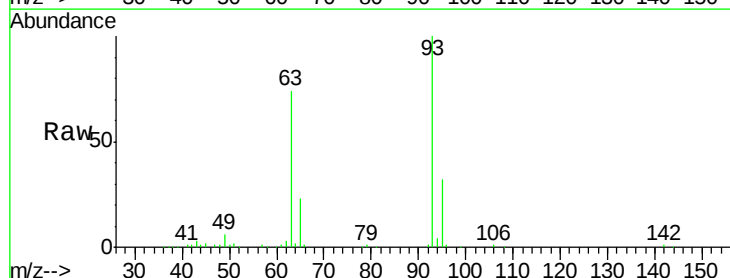
Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion: 93 Resp: 153514

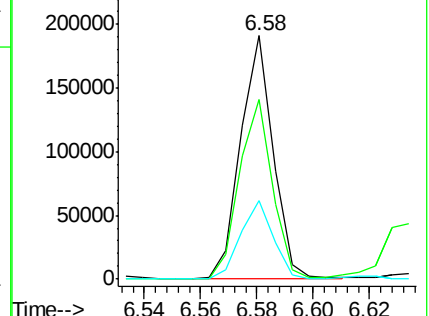
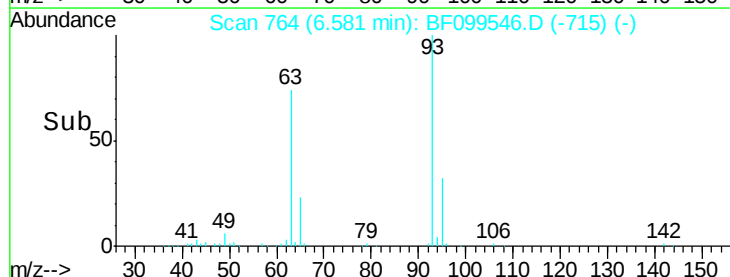
Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	98.6
95	32.0	11.8	51.8

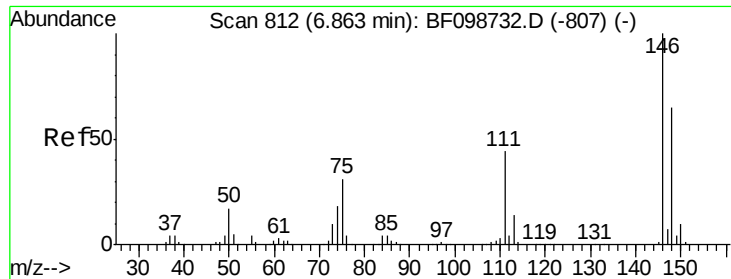


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

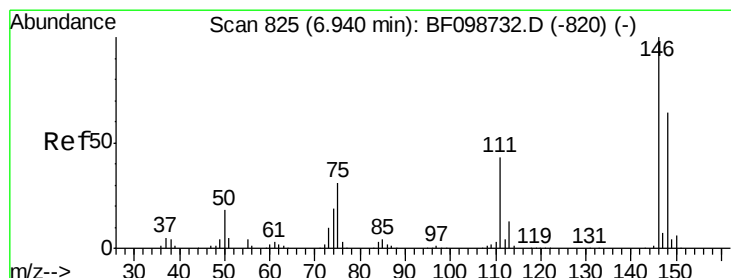
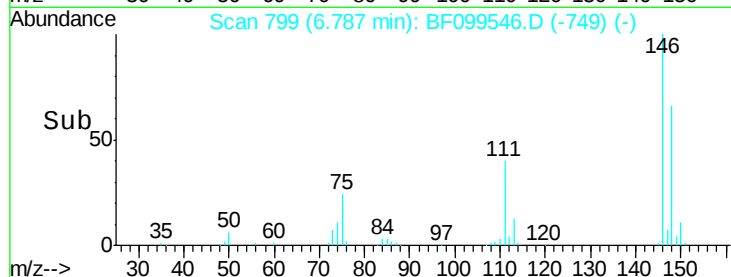
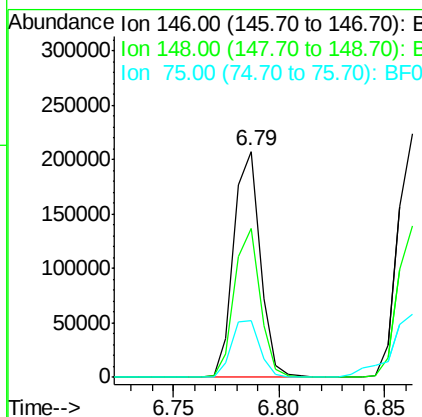
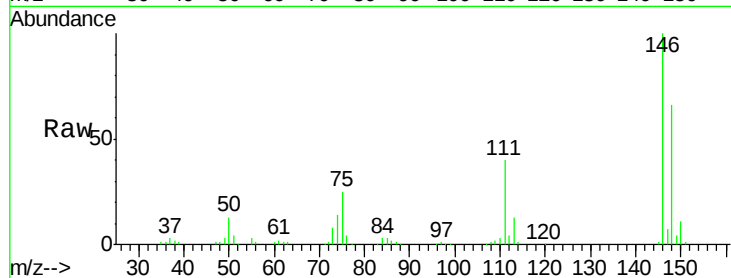




#12
 1,3-Dichlorobenzene
 Concen: 23.34 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

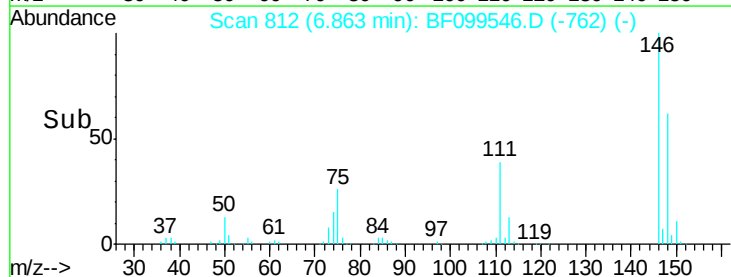
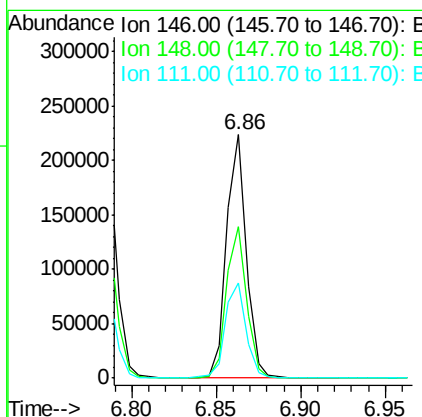
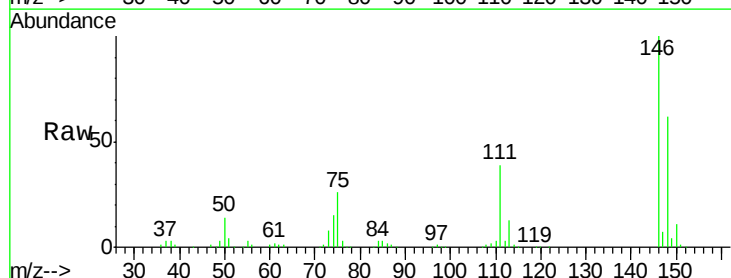
Instrument :
 BNA_F
 ClientSampled :

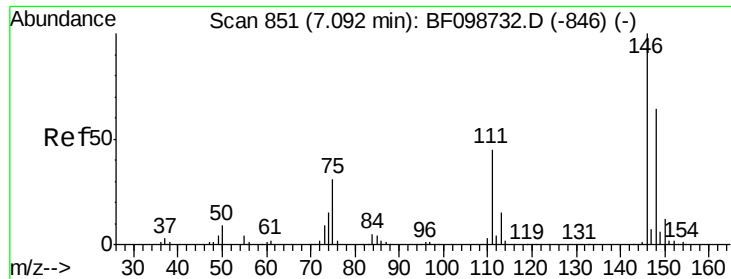
Tot Ion:146 Resp: 179160
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.8 77.8
 75 25.2 24.2 36.4



#13
 1,4-Dichlorobenzene
 Concen: 23.36 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:146 Resp: 182413
 Ion Ratio Lower Upper
 146 100
 148 62.2 50.8 76.2
 111 39.1 34.2 51.2

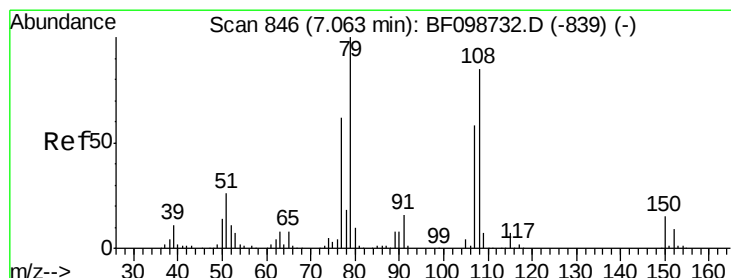
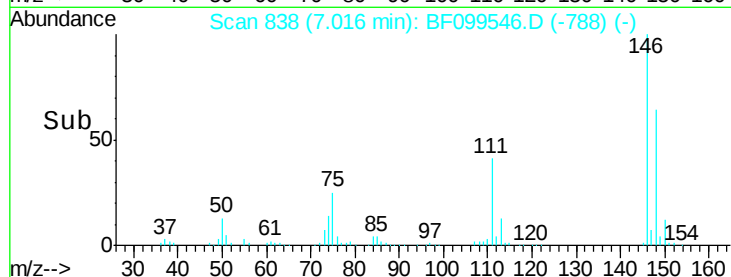
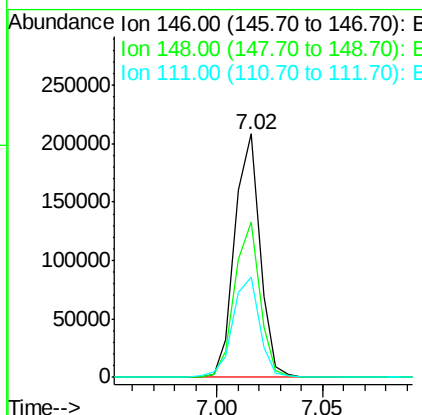
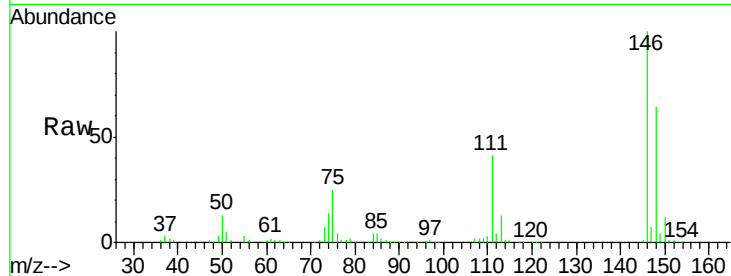




#14
 1,2-Dichlorobenzene
 Concen: 23.75 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

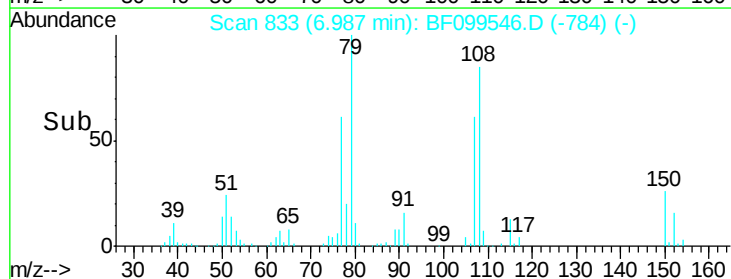
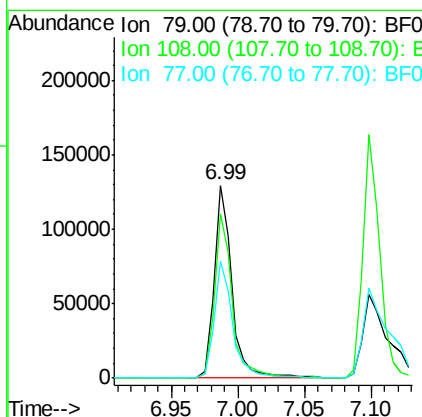
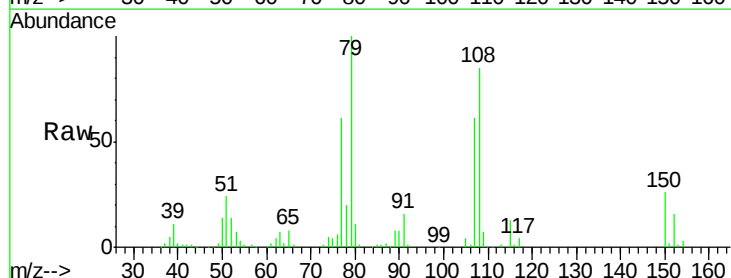
Instrument :
 BNA_F
 ClientSampled :

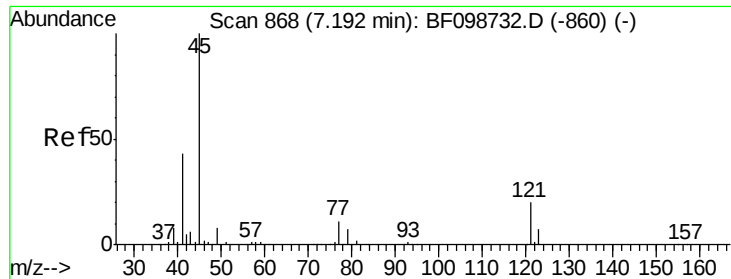
Tot Ion:146 Resp: 171354
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 40.9 36.0 54.0



#15
 Benzyl Alcohol
 Concen: 20.84 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion: 79 Resp: 122067
 Ion Ratio Lower Upper
 79 100
 108 85.1 65.1 97.7
 77 60.6 50.6 75.8

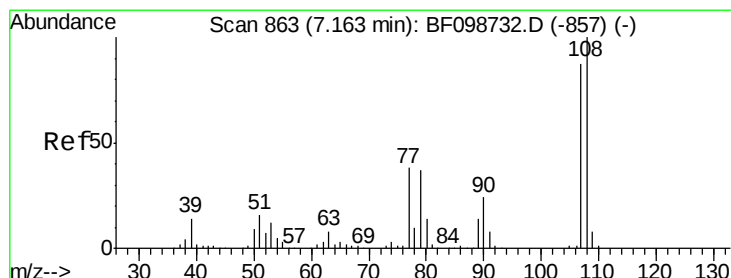
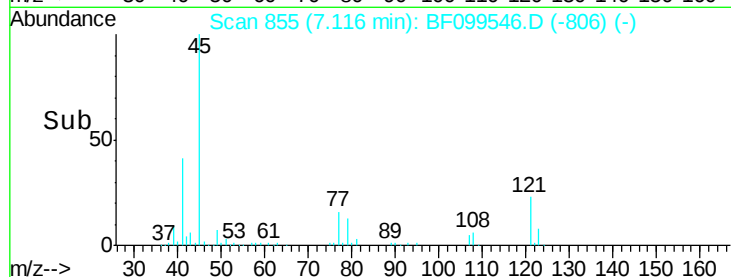
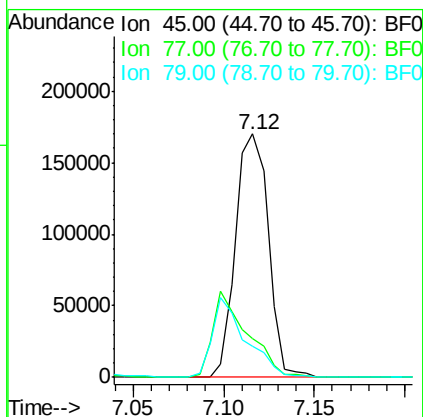
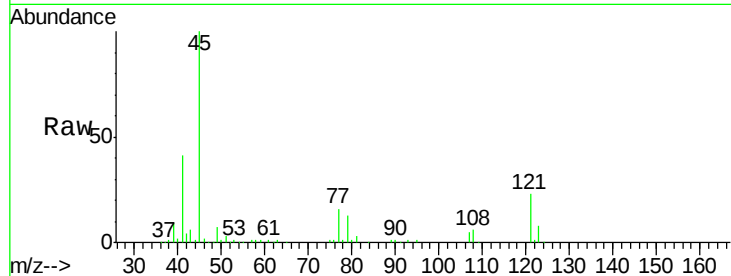




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 19.84 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

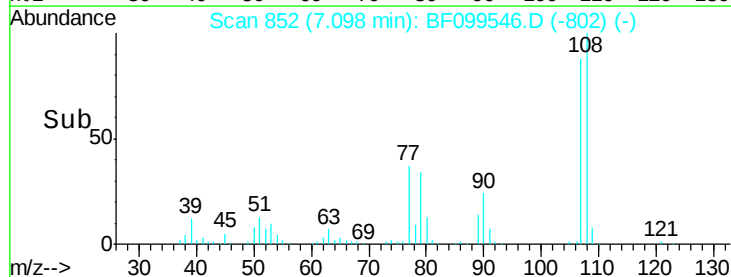
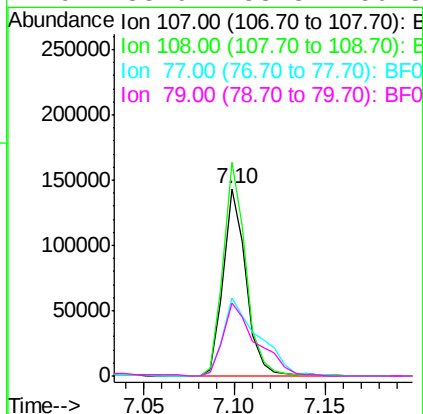
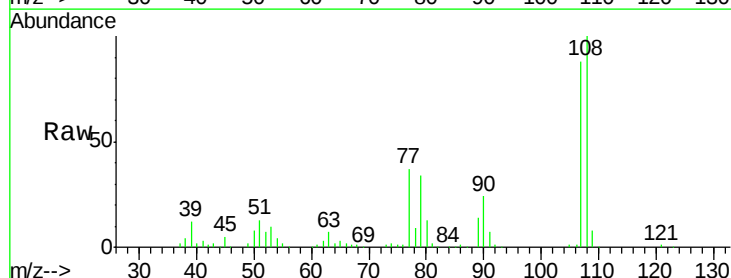
Instrument :
BNA_F
ClientSampleId :

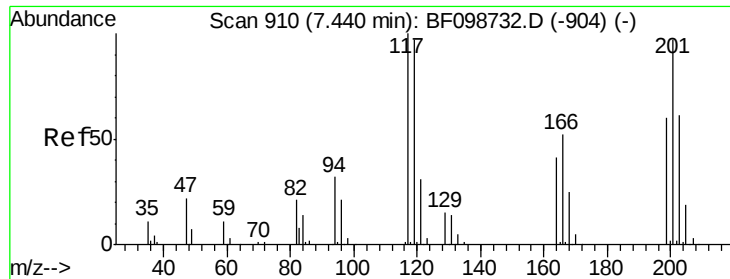
Tot Ion: 45 Resp: 214503
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.9
79 12.6 0.0 29.6



#17
2-Methylphenol
Concen: 21.19 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 107 Resp: 127025
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 41.8 33.8 50.8
79 38.9 33.8 50.8

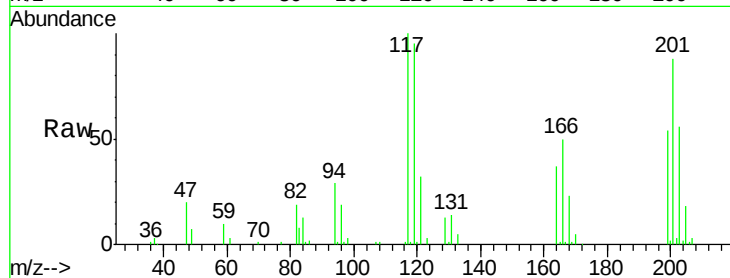




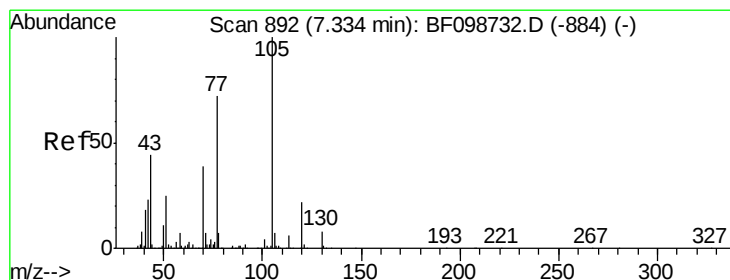
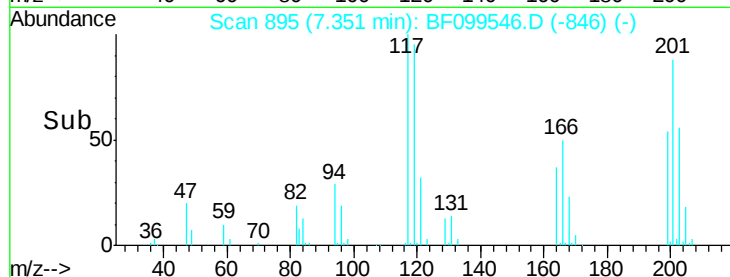
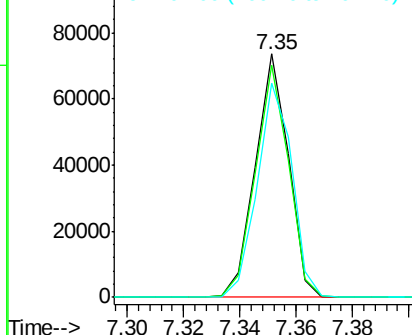
#18
Hexachloroethane
Concen: 21.31 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:117 Resp: 59803
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 87.8 75.7 113.5

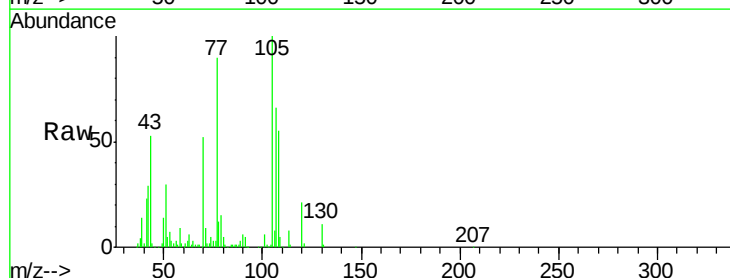


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

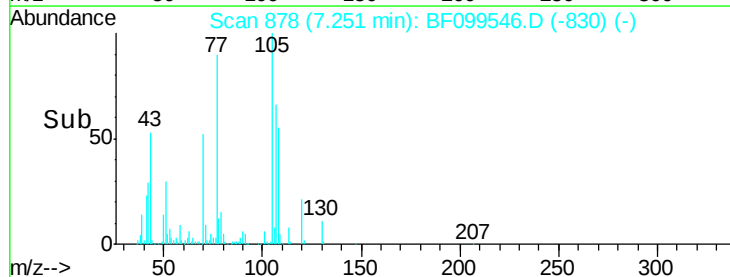
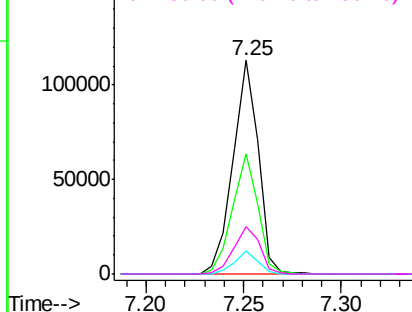


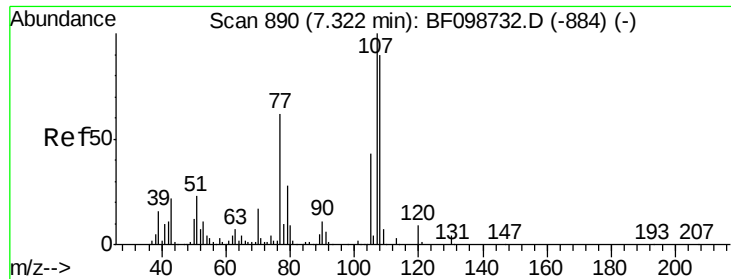
#19
n-Nitroso-di-n-propylamine
Concen: 19.97 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 70 Resp: 101801
Ion Ratio Lower Upper
70 100
42 56.3 47.5 71.3
101 10.7 7.4 11.2
130 22.1 16.6 25.0



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 20.90 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF099546.D

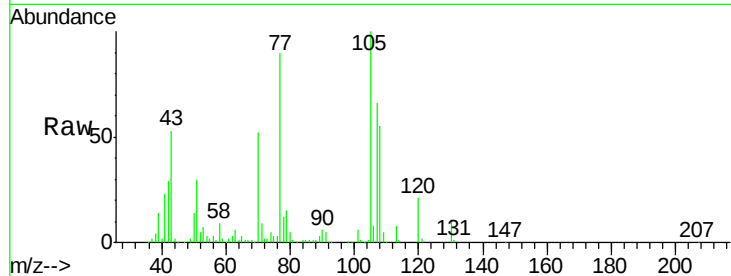
Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107	Resp:	158568
Ion Ratio	Lower	Upper
107	100	
108	83.3	68.2 108.2
77	136.9	26.7 66.7#
79	22.5	6.3 46.3

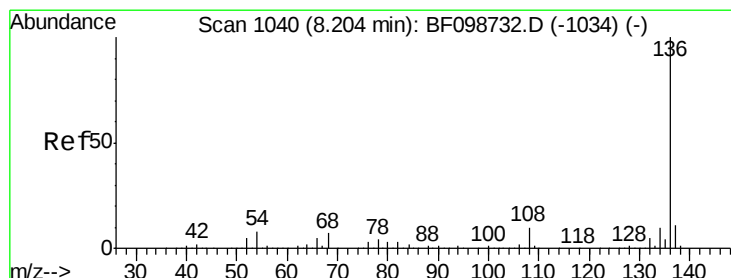
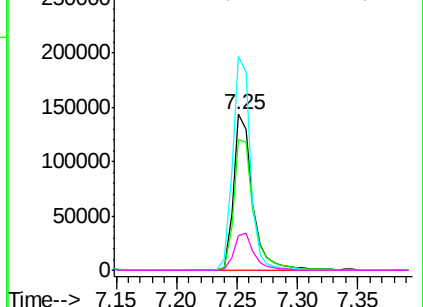
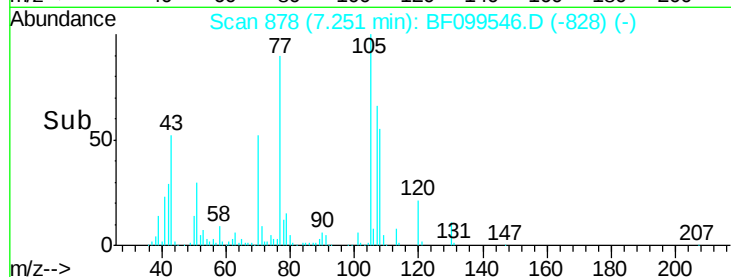


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.00 ng

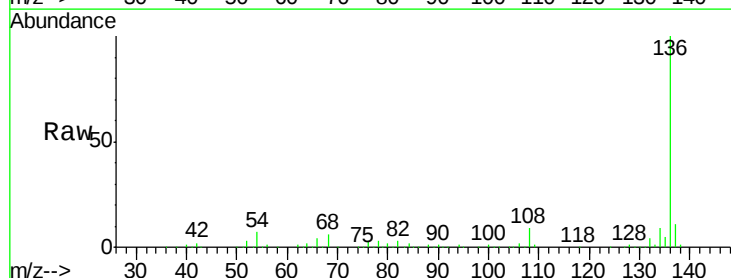
RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:136	Resp:	409032
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.1	6.6 9.8
68	5.6	5.0 7.4

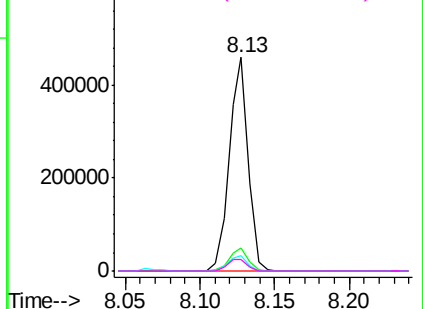
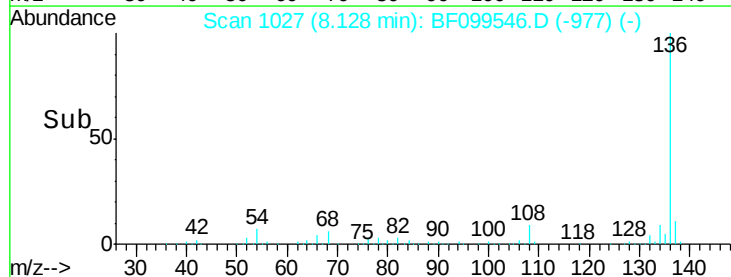


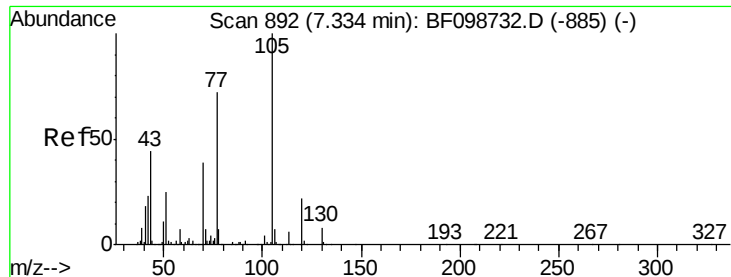
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

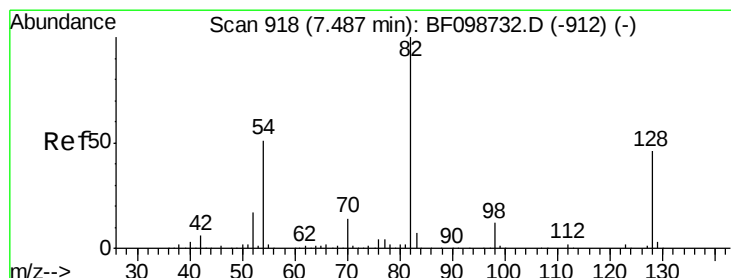
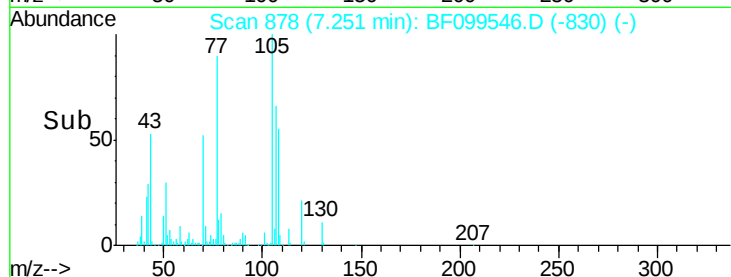
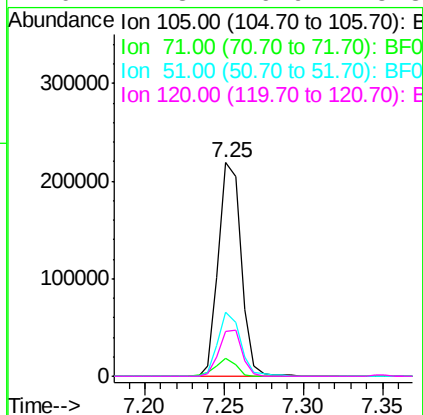
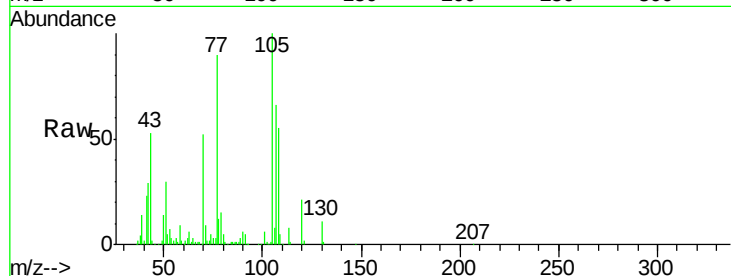




#22
Acetophenone
Concen: 22.19 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

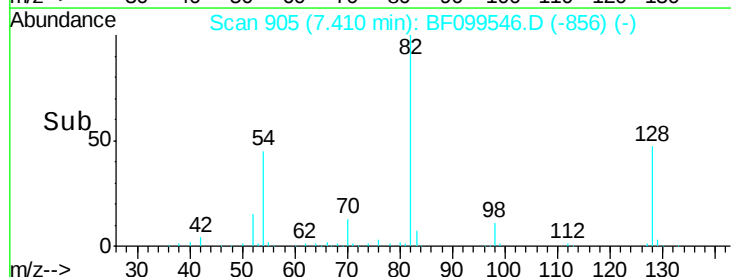
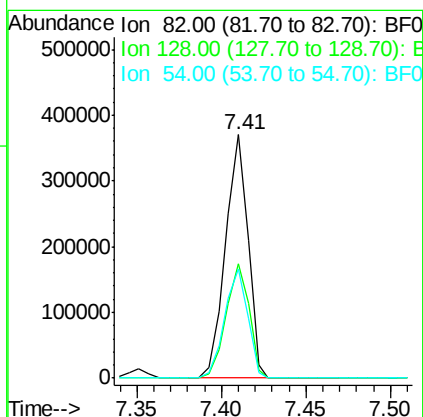
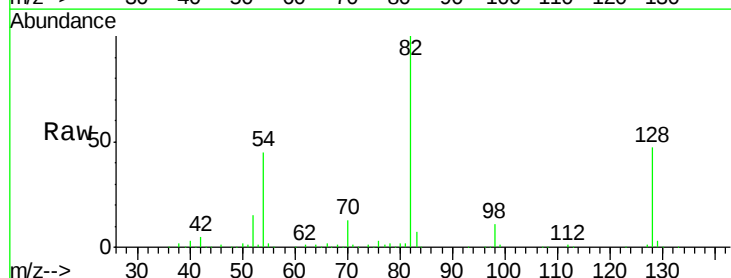
Instrument :
BNA_F
ClientSampleId :

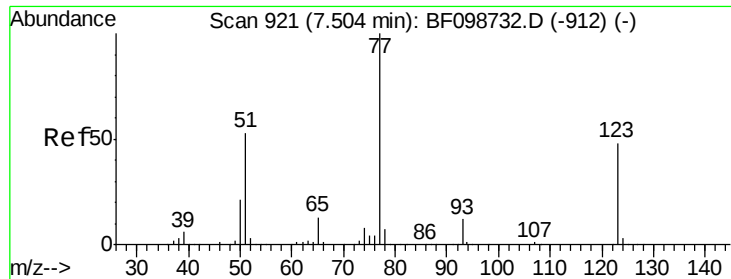
Tot Ion: 105 Resp: 219924
Ion Ratio Lower Upper
105 100
71 8.5 4.4 6.6#
51 30.3 22.3 33.5
120 21.3 16.9 25.3



#23
Nitrobenzene-d5
Concen: 53.90 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 82 Resp: 343790
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 45.1 41.4 62.2

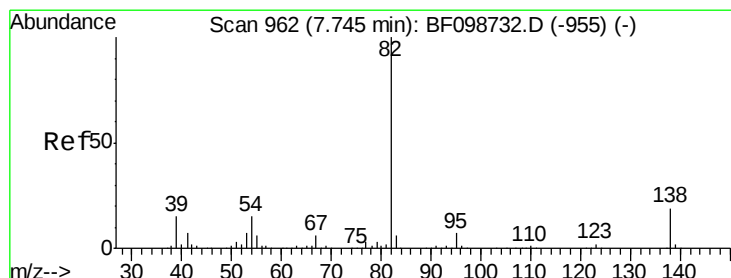
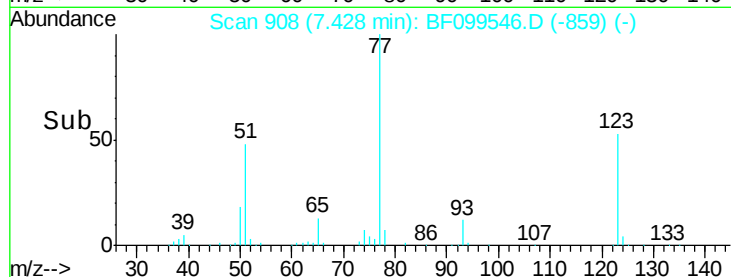
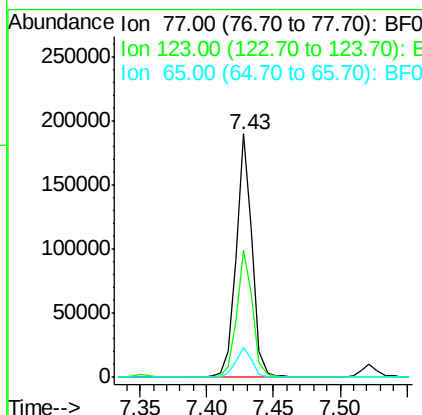
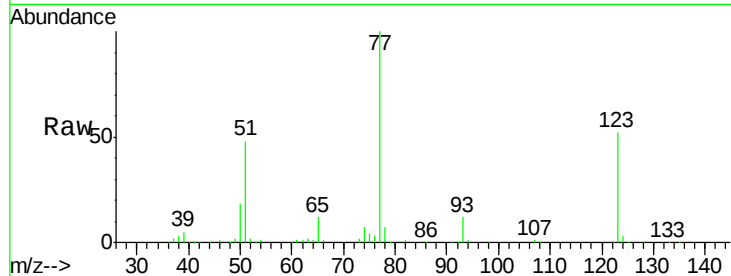




#24
 Nitrobenzene
 Concen: 22.05 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

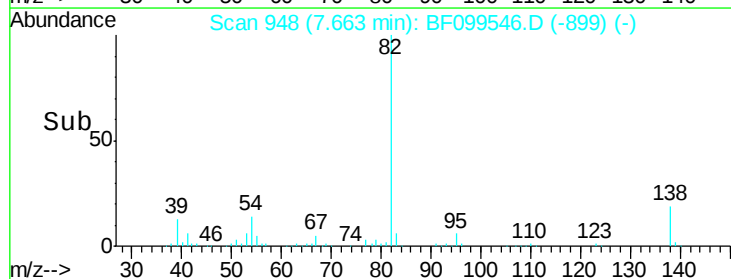
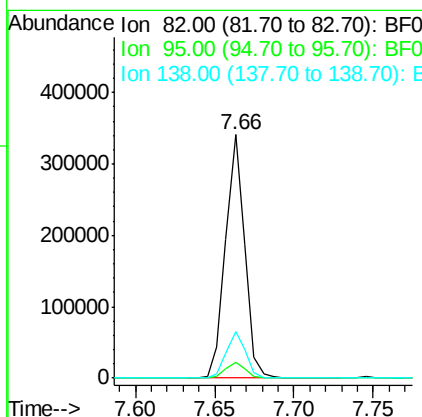
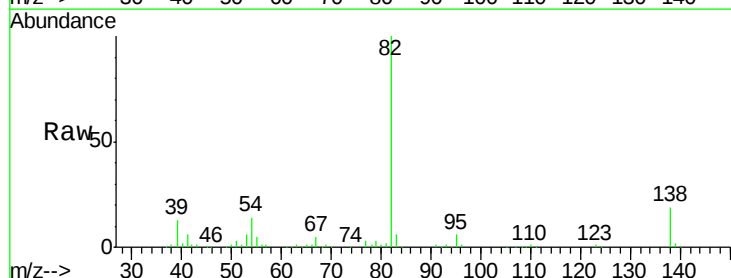
Instrument :
 BNA_F
 ClientSampled :

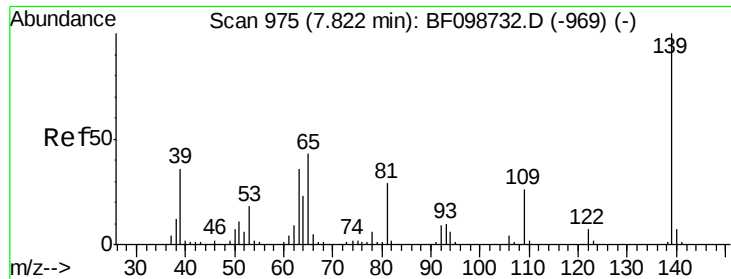
Tot Ion	Ratio	Lower	Upper
77	100		
123	52.1	37.9	56.9
65	12.5	11.0	16.4



#25
 Isophorone
 Concen: 21.75 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.3	5.2	7.8
138	19.1	14.9	22.3

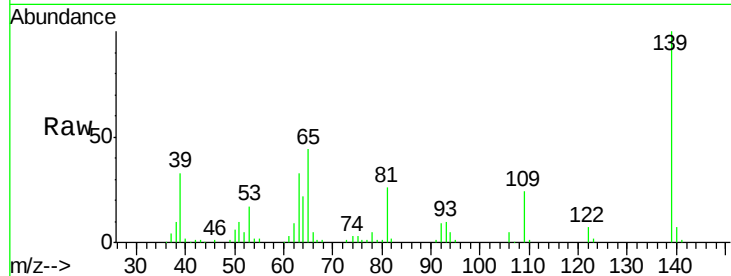




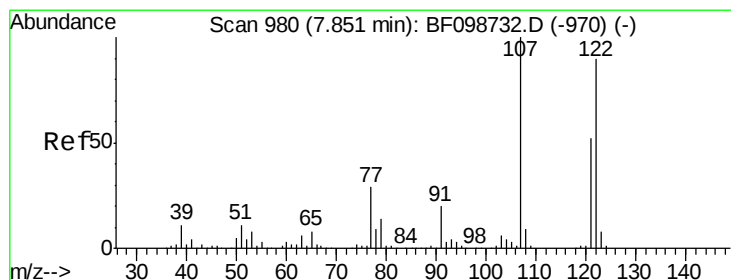
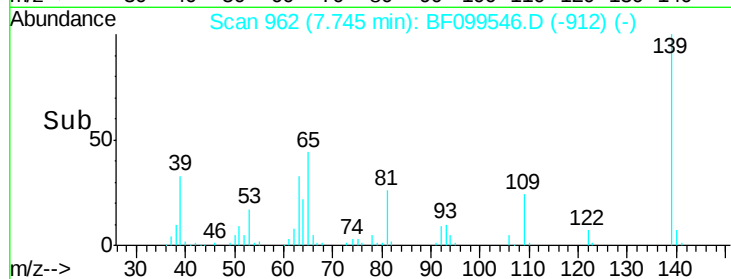
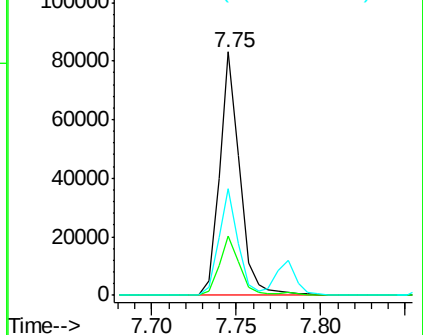
#26
2-Nitrophenol
Concen: 19.86 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 69089
Ion Ratio Lower Upper
139 100
109 24.1 22.7 34.1
65 43.6 40.5 60.7

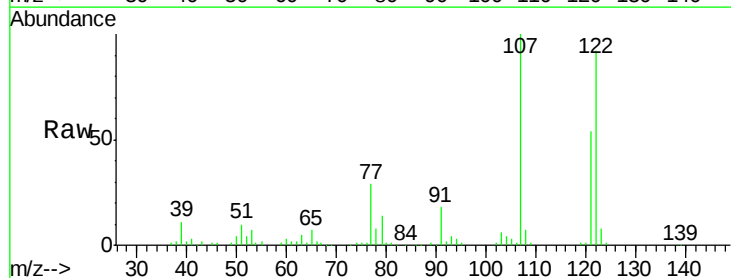


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

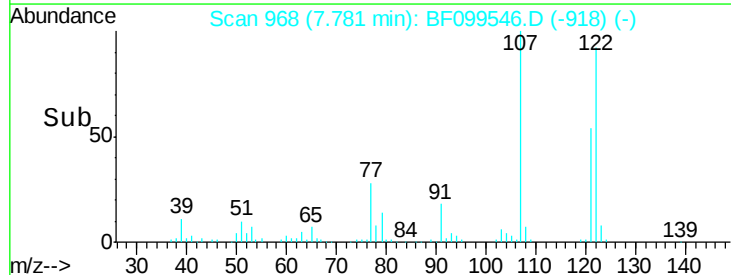
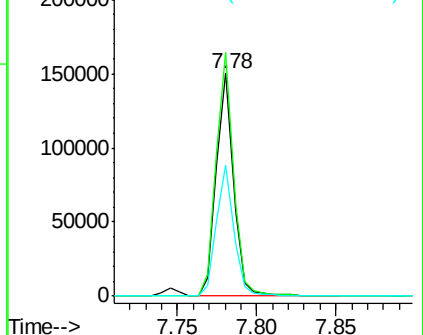


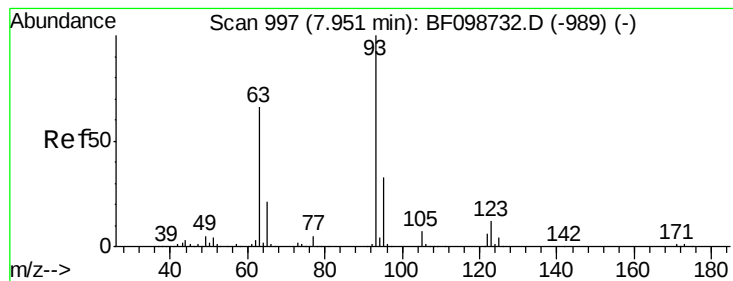
#27
2,4-Dimethylphenol
Concen: 17.65 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:122 Resp: 115961
Ion Ratio Lower Upper
122 100
107 109.2 91.2 136.8
121 58.7 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: 23.10 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

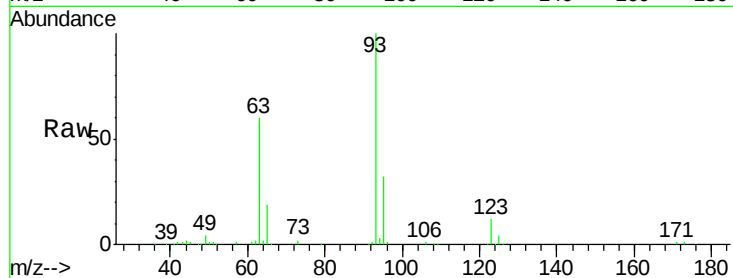
Tot Ion: 93 Resp: 189843

Ion Ratio Lower Upper

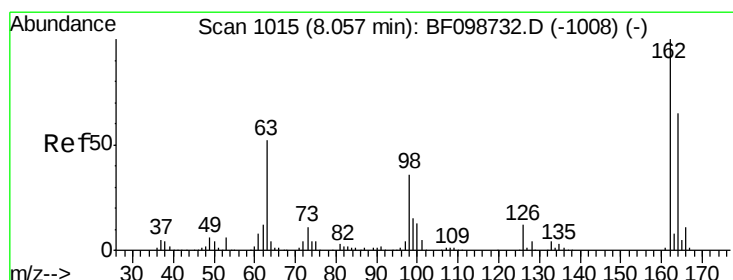
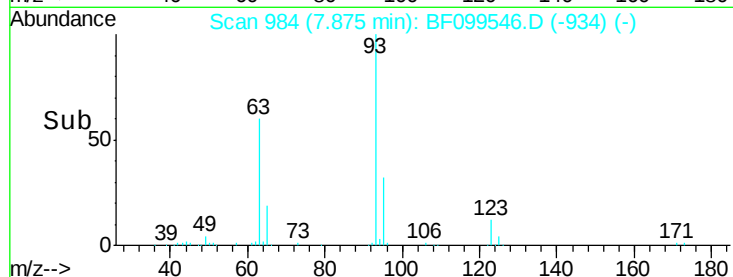
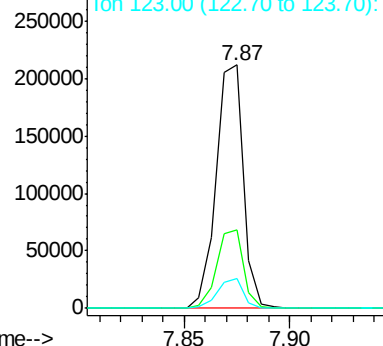
93 100

95 32.2 26.3 39.5

123 12.2 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): BF0



#29

2,4-Dichlorophenol

Concen: 20.34 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

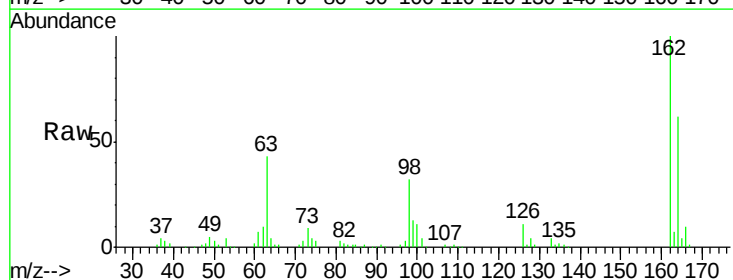
Tgt Ion: 162 Resp: 114748

Ion Ratio Lower Upper

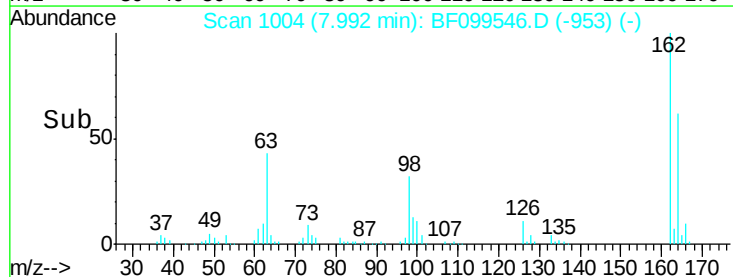
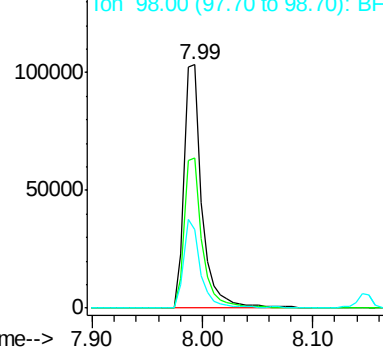
162 100

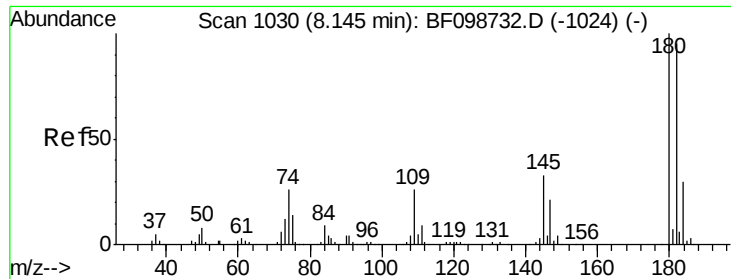
164 61.7 42.7 82.7

98 32.4 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

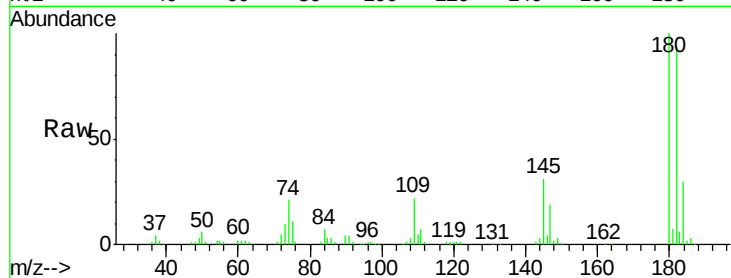




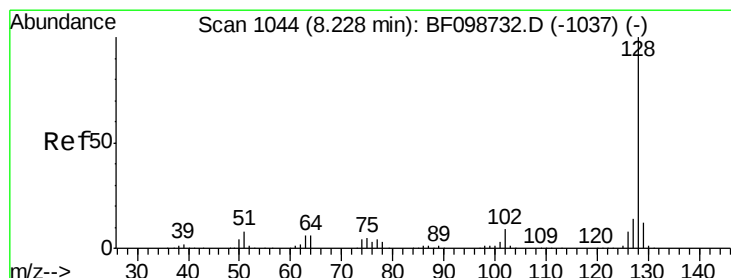
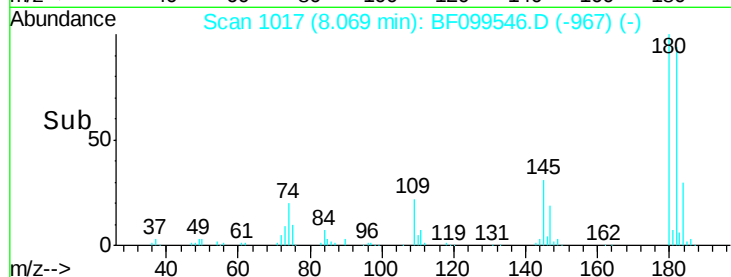
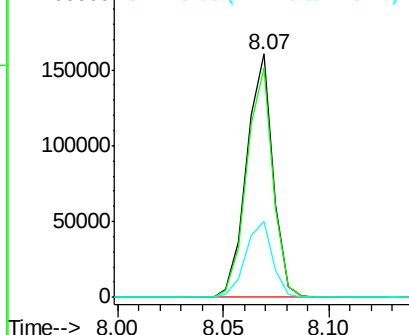
#30
 1,2,4-Trichlorobenzene
 Concen: 24.53 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 138408
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.8 115.2
 145 31.4 26.5 39.7

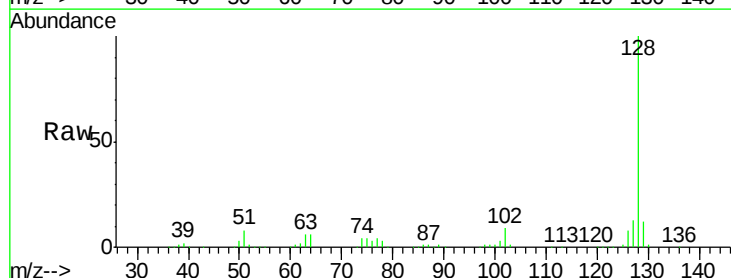


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

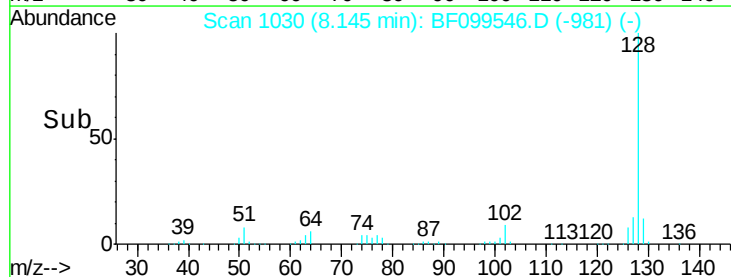
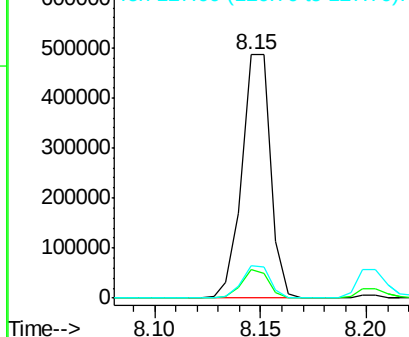


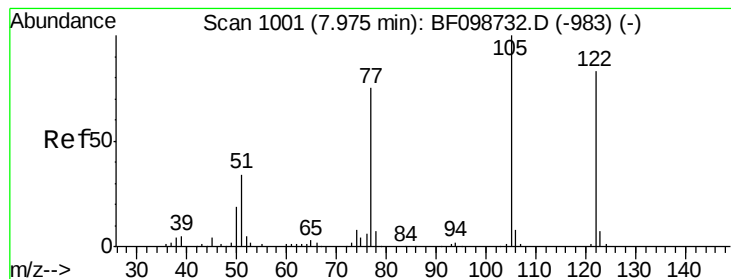
#31
 Naphthalene
 Concen: 23.97 ng
 RT: 8.15 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:128 Resp: 460534
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.8 13.2
 127 13.4 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: 21.49 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.14 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

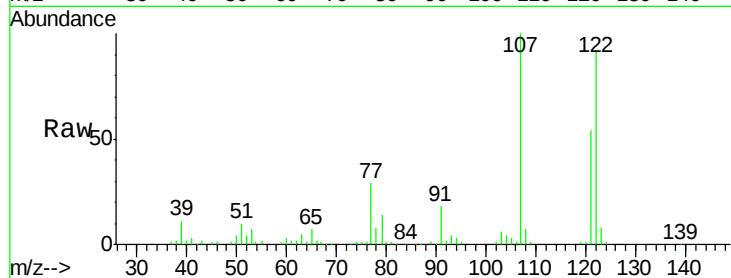
Tot Ion:122 Resp: 115961

Ion Ratio Lower Upper

122 100

105 3.6 101.1 141.1#

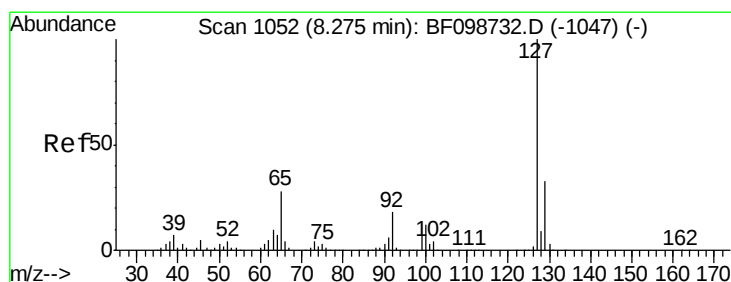
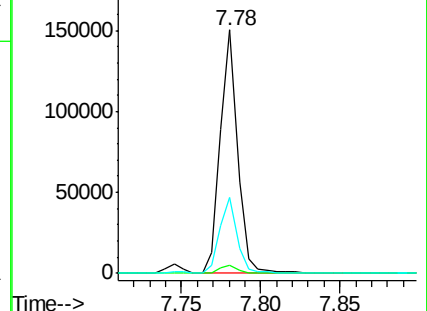
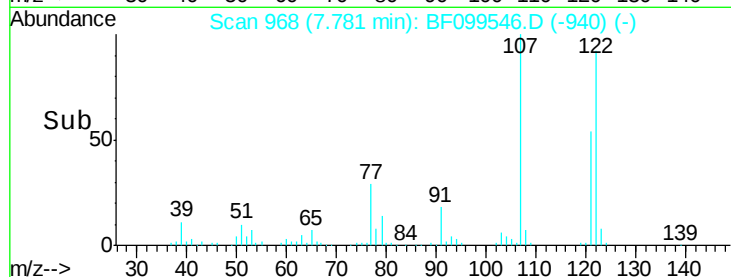
77 31.2 70.7 110.7#



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: 7.93 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:127 Resp: 63656

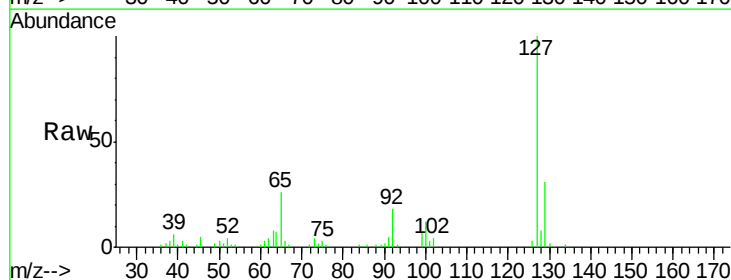
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 26.0 25.0 37.4

92 18.2 15.2 22.8

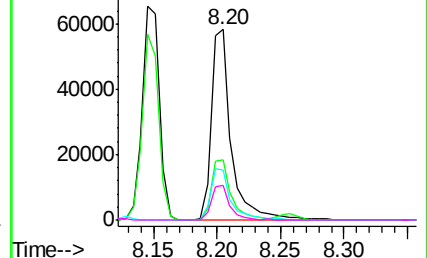
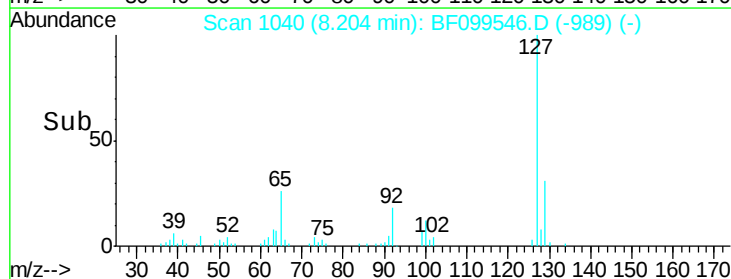


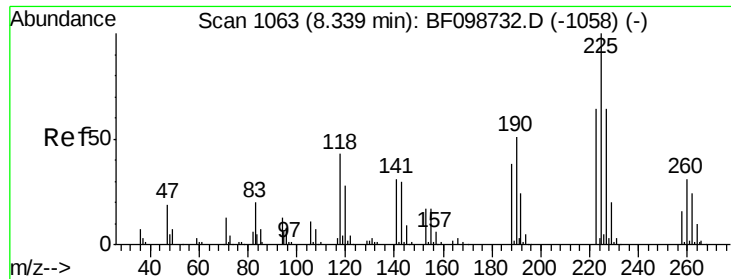
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

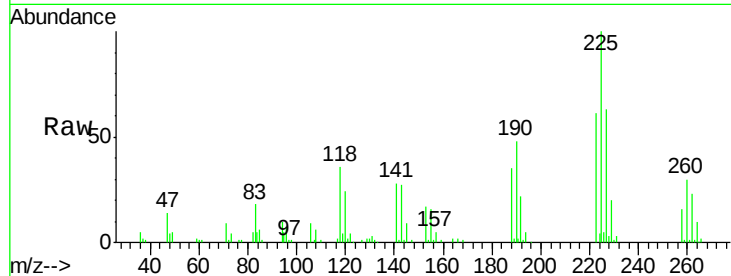




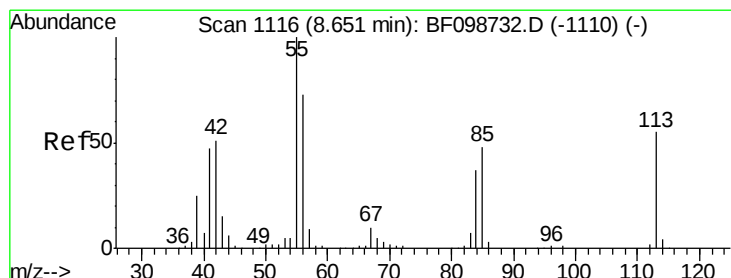
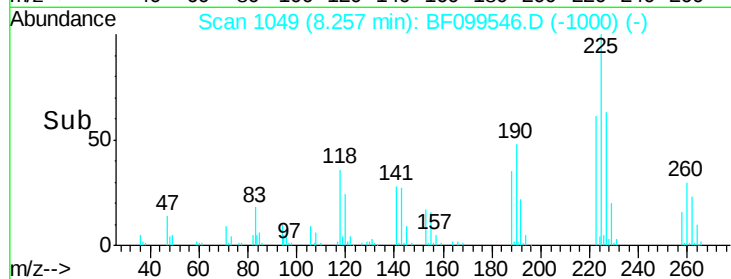
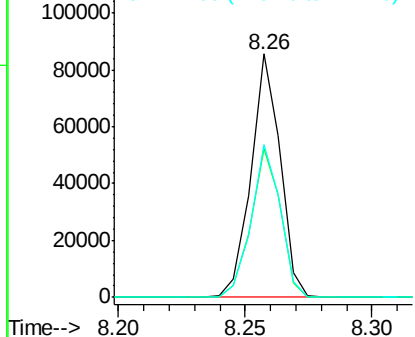
#34
Hexachlorobutadiene
Concen: 23.62 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 68643
Ion Ratio Lower Upper
225 100
223 61.1 50.6 76.0
227 62.6 51.9 77.9

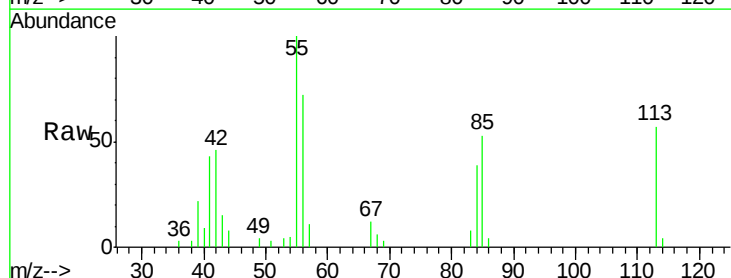


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

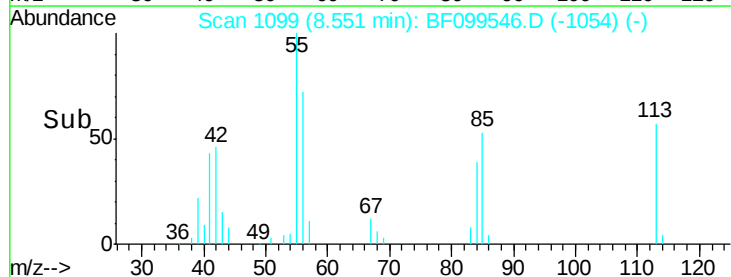
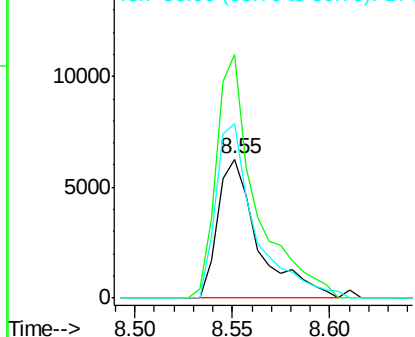


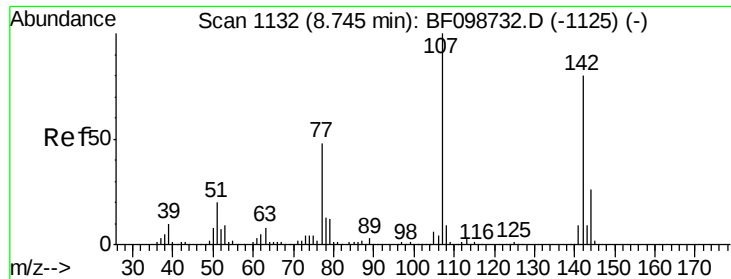
#35
Caprolactam
Concen: 5.02 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.04 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:113 Resp: 9085
Ion Ratio Lower Upper
113 100
55 175.4 163.3 203.3
56 125.9 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

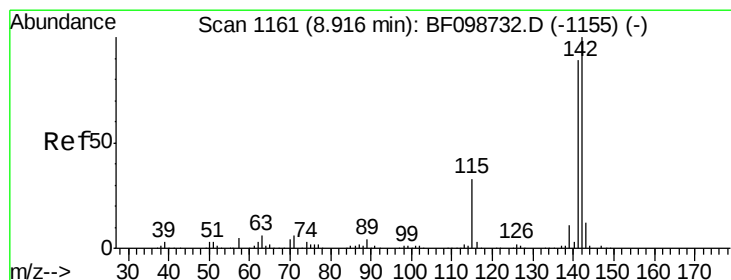
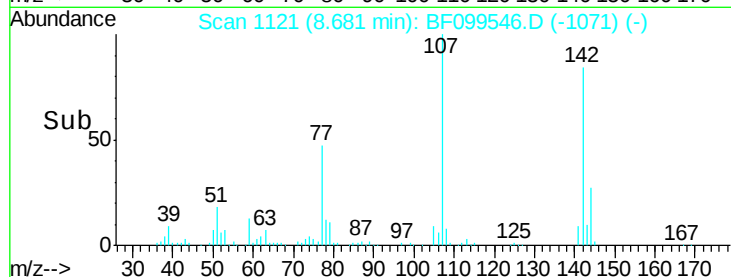
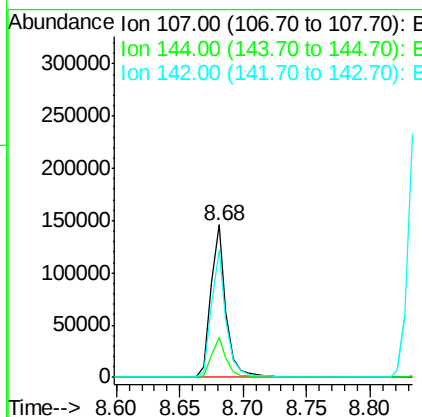
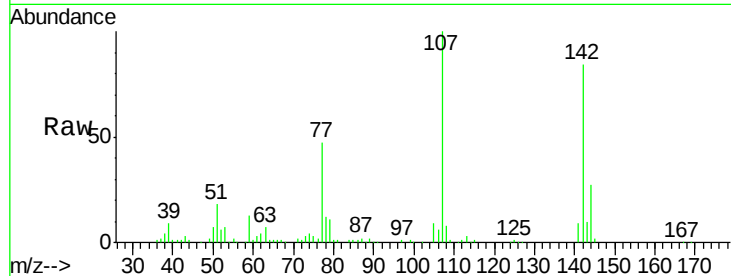




#36
 4-Chloro-3-methylphenol
 Concen: 19.29 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

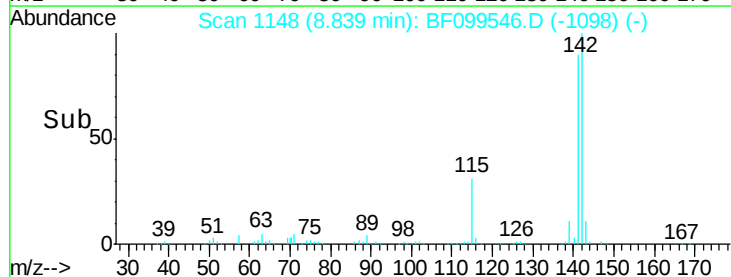
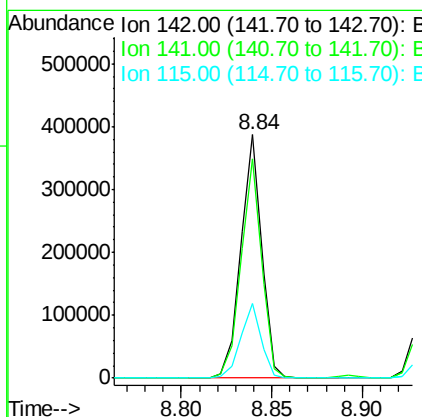
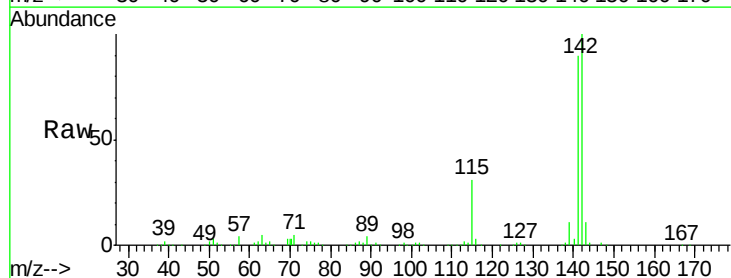
Instrument :
 BNA_F
 ClientSampleId :

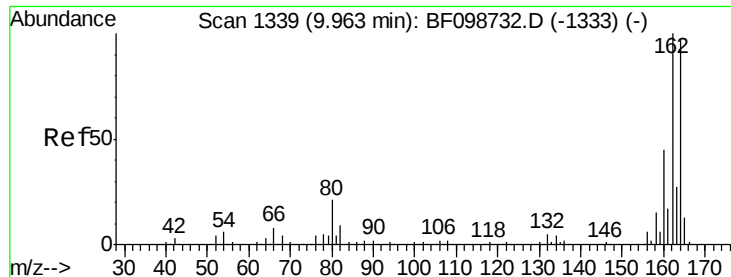
Tot Ion:107 Resp: 122322
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 83.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 24.82 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:142 Resp: 309937
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.8 106.2
 115 30.6 26.1 39.1

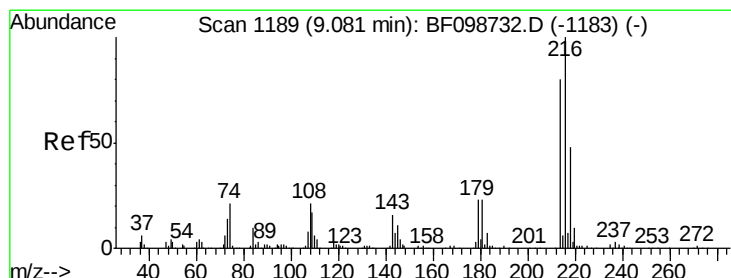
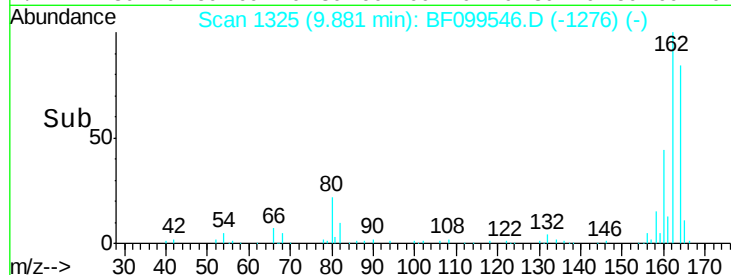
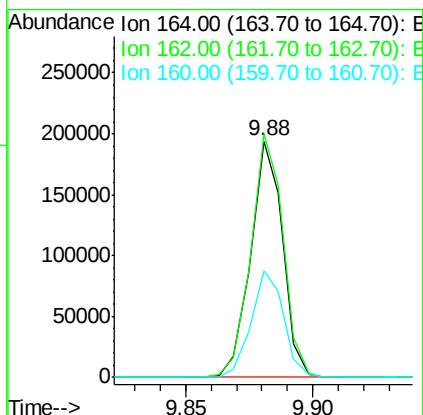
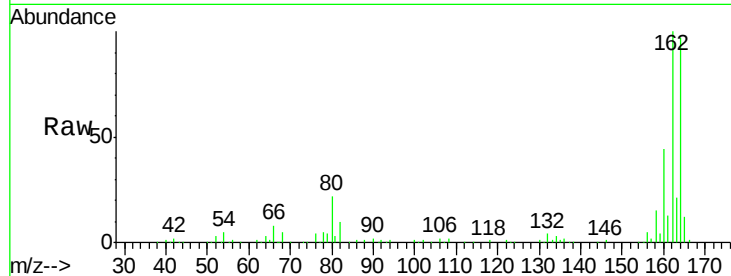




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

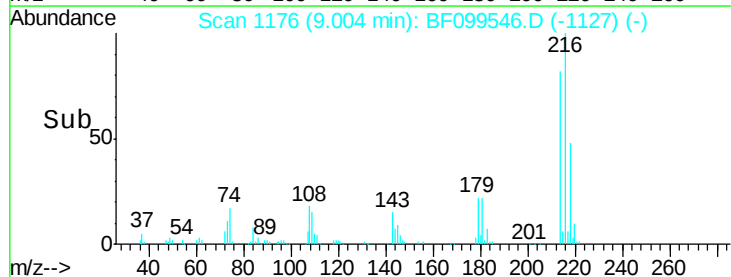
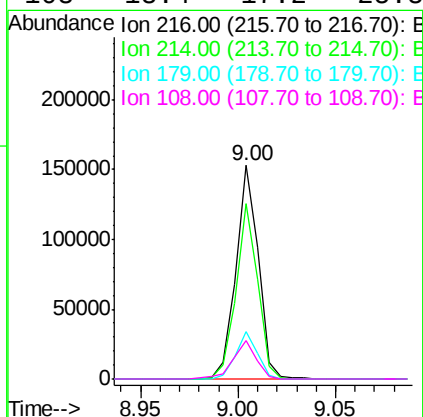
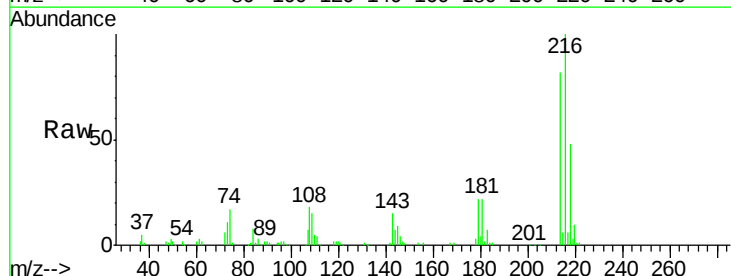
Instrument :
BNA_F
ClientSampled :

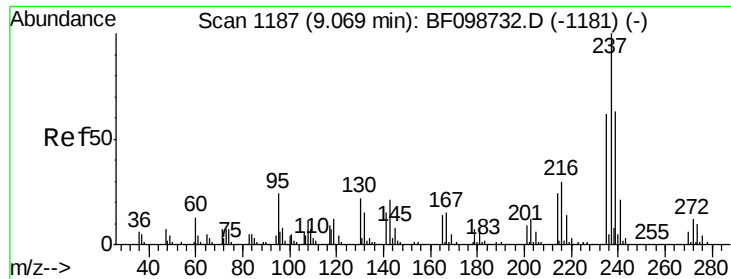
Tot Ion:164 Resp: 169008
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 45.0 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 24.07 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:216 Resp: 121302
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.4
179 21.6 18.1 27.1
108 18.4 17.2 25.8

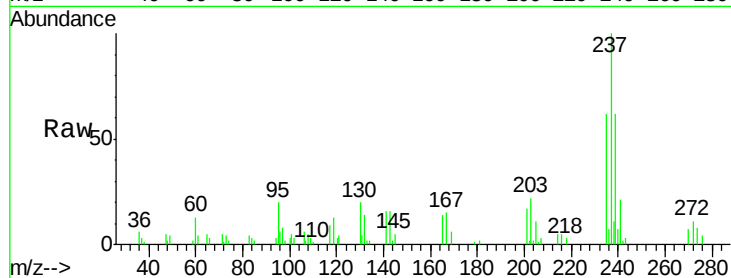




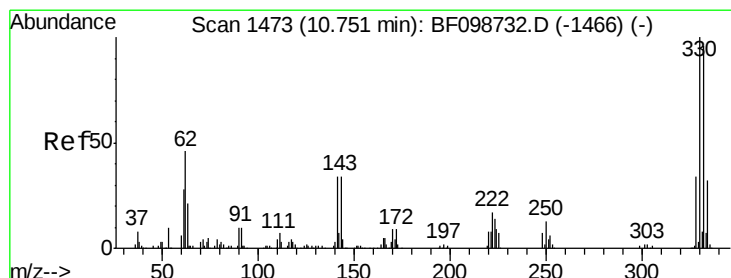
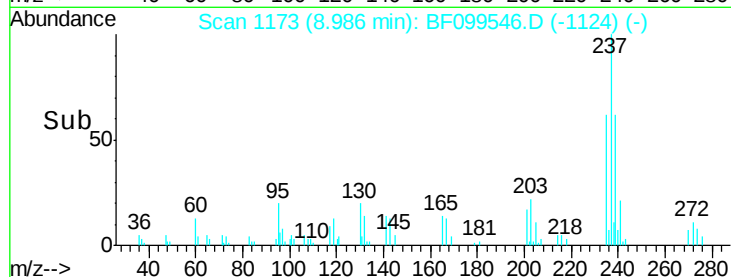
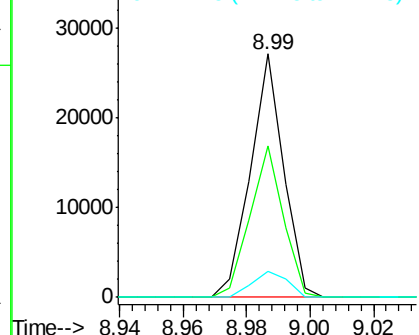
#40
Hexachlorocyclopentadiene
Concen: 8.51 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 19599
Ion Ratio Lower Upper
237 100
235 62.3 44.8 84.8
272 10.9 0.0 33.3

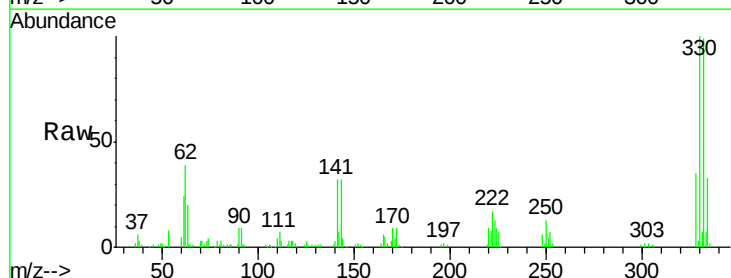


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

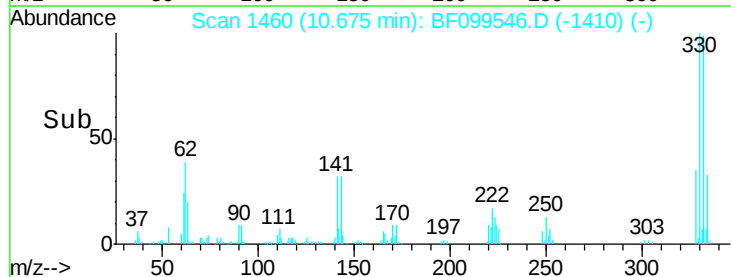
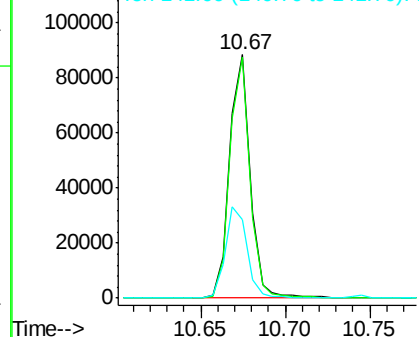


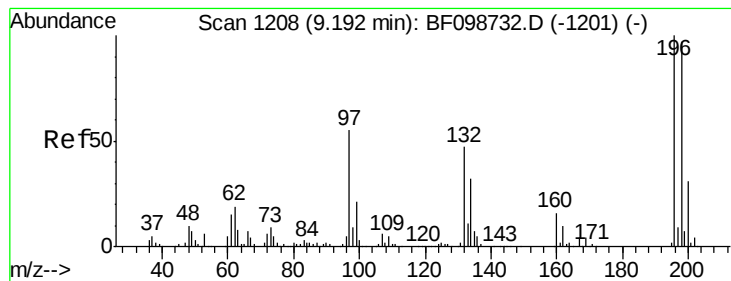
#41
2,4,6-Tribromophenol
Concen: 54.26 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:330 Resp: 75032
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 39.7 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: 17.21 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampled :

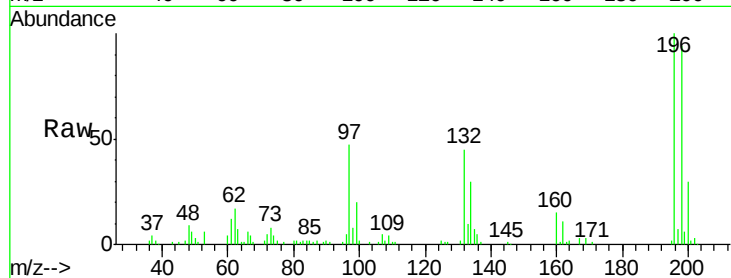
Tot Ion:196 Resp: 61460

Ion Ratio Lower Upper

196 100

198 94.3 75.7 113.5

200 29.9 24.5 36.7

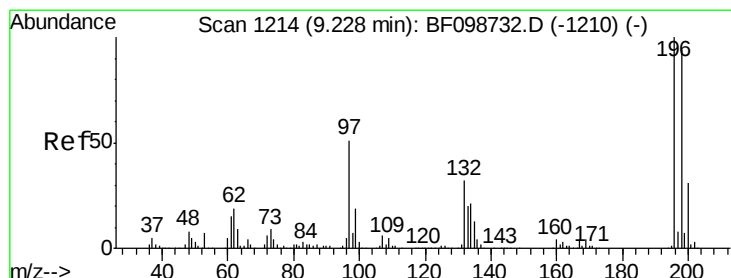
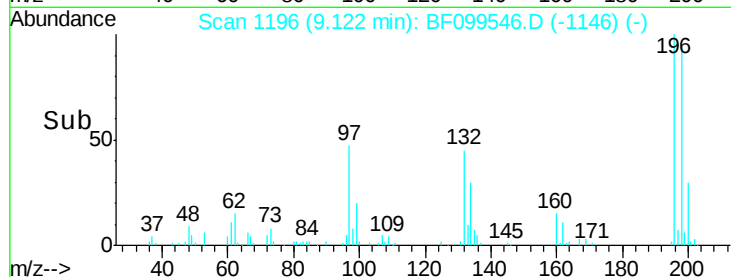
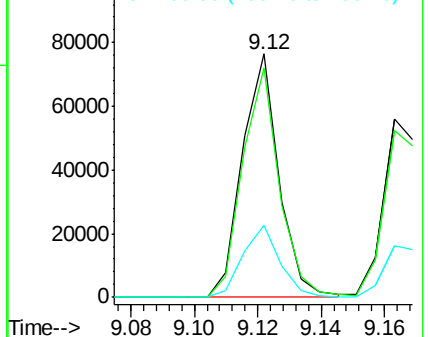


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 15.83 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:196 Resp: 56438

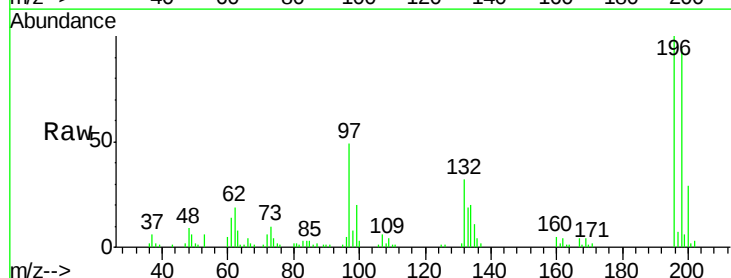
Ion Ratio Lower Upper

196 100

198 93.6 74.6 112.0

97 49.1 42.9 64.3

132 32.1 26.3 39.5



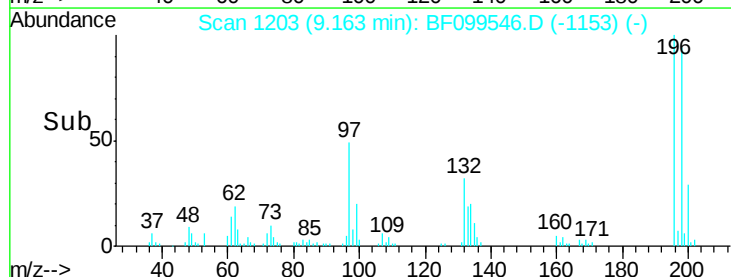
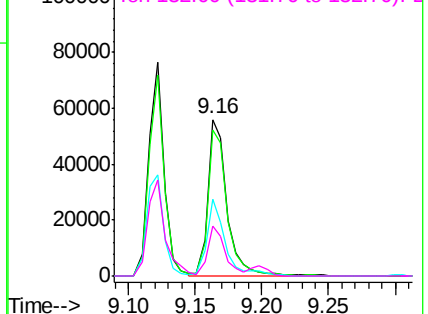
Abundance

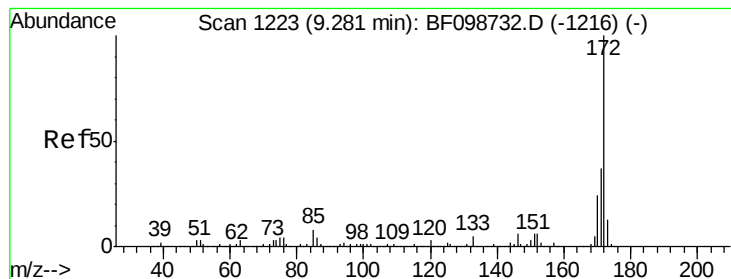
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 64.12 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampled :

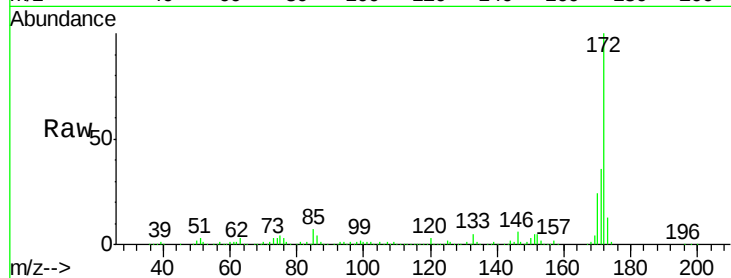
Tot Ion:172 Resp: 649089

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

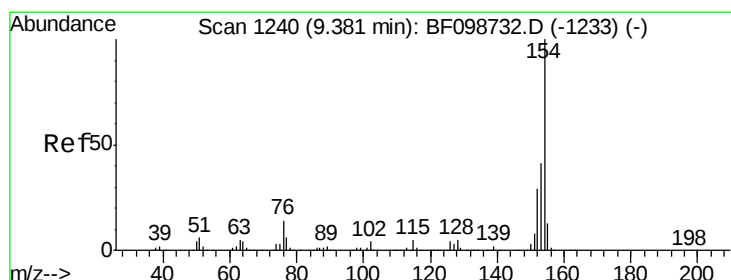
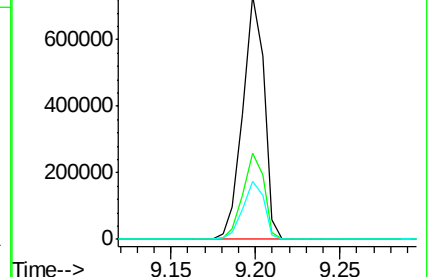
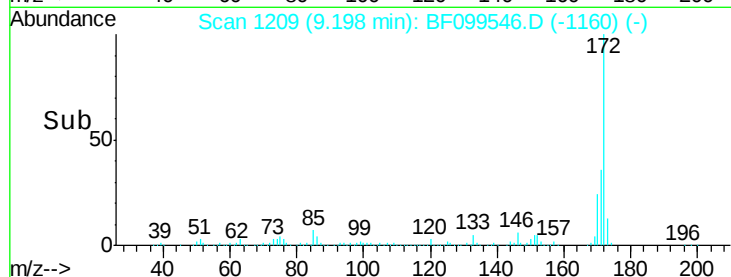
170 23.7 19.6 29.4



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: 24.45 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

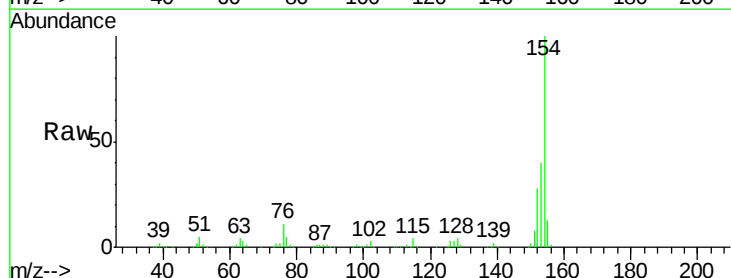
Tgt Ion:154 Resp: 355171

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

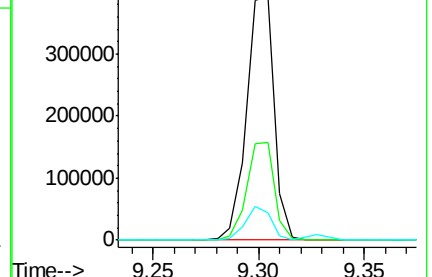
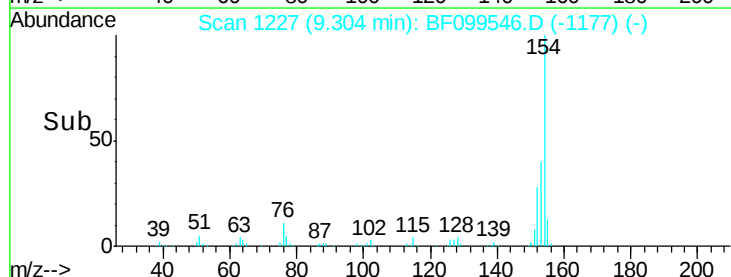
76 11.4 0.0 34.0

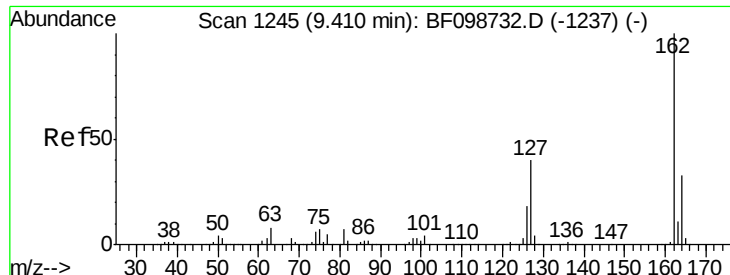


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

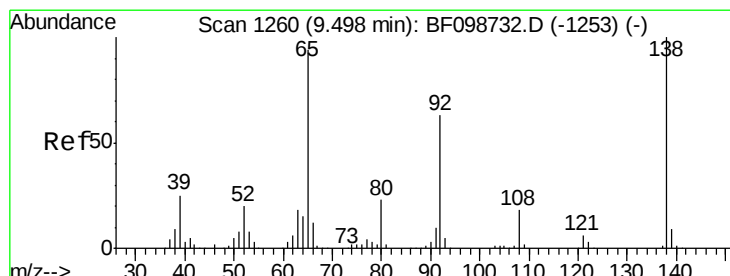
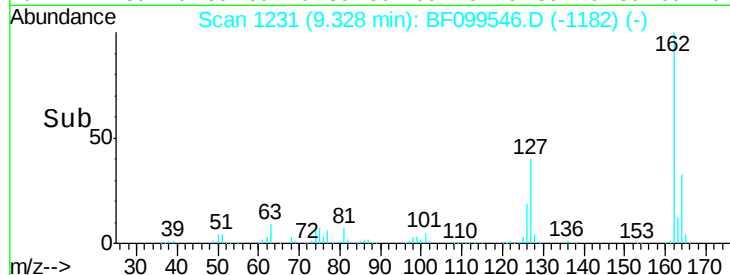
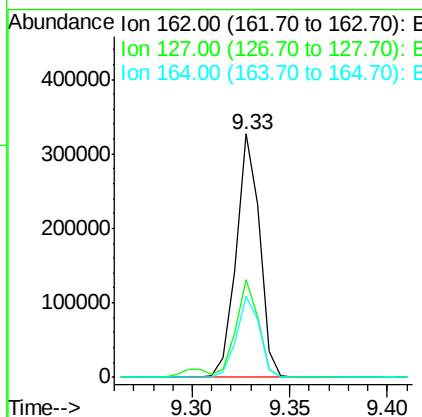
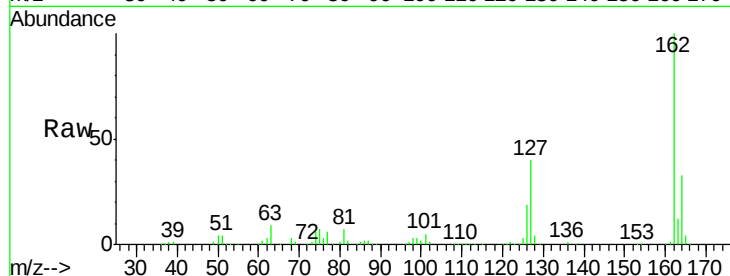




#46
 2-Chloronaphthalene
 Concen: 24.88 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

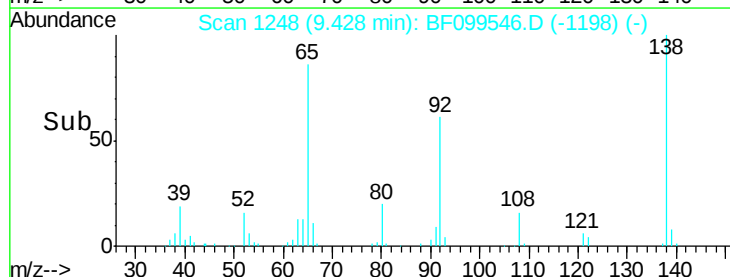
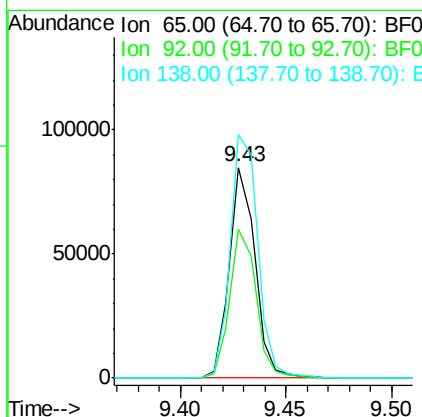
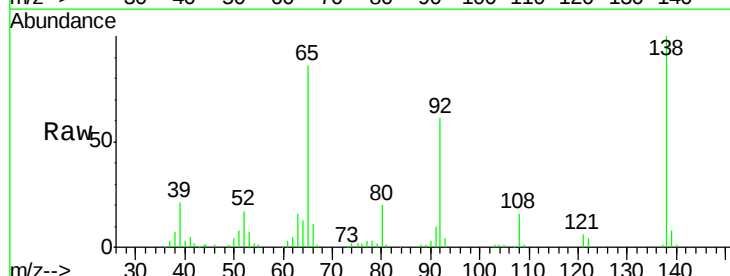
Instrument :
 BNA_F
 ClientSampleId :

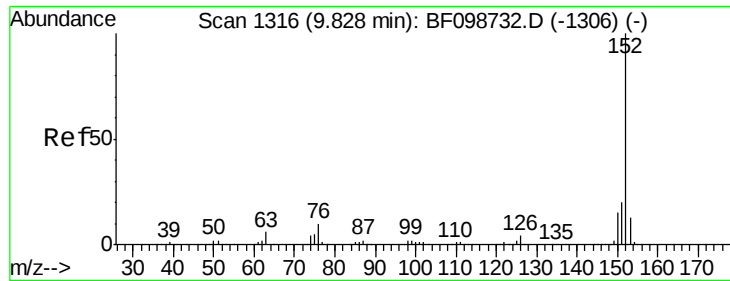
Tot Ion:162 Resp: 271336
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.9 50.9
 164 33.1 26.5 39.7



#47
 2-Nitroaniline
 Concen: 21.37 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion: 65 Resp: 71376
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.8 83.6
 138 115.6 91.2 136.8





#48

Acenaphthylene

Concen: 23.65 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

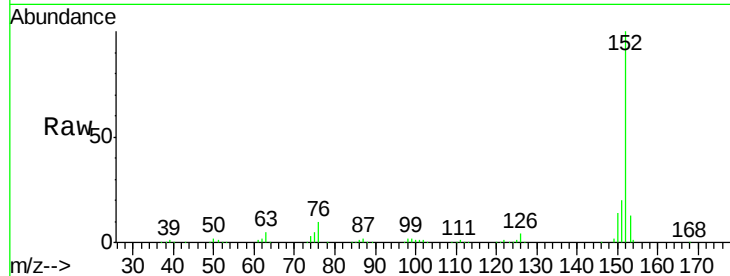
Tot Ion:152 Resp: 394756

Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

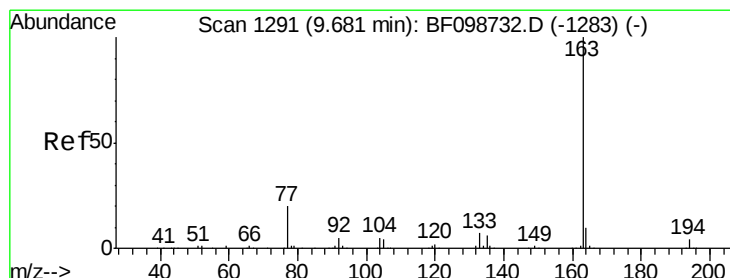
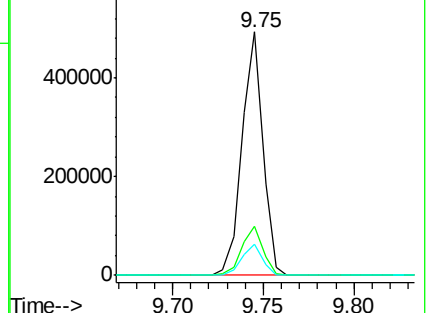
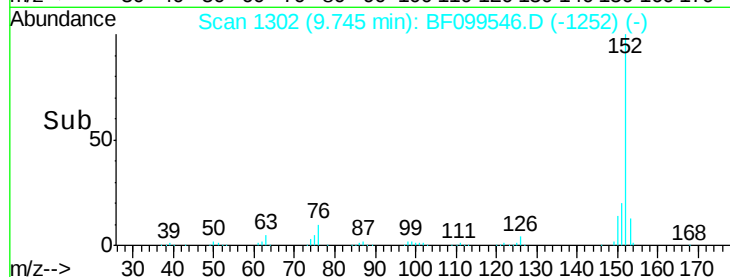
153 12.9 10.7 16.1



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: 34.79 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

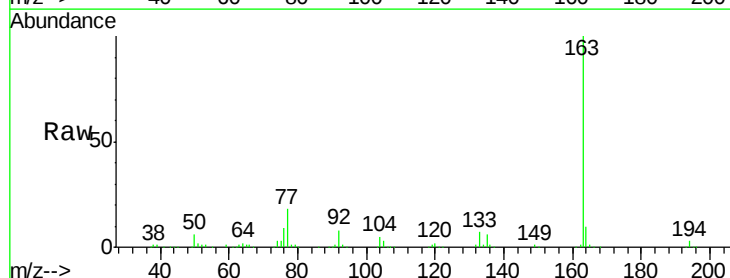
Tgt Ion:163 Resp: 443717

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

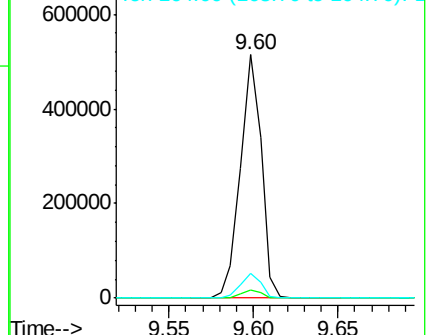
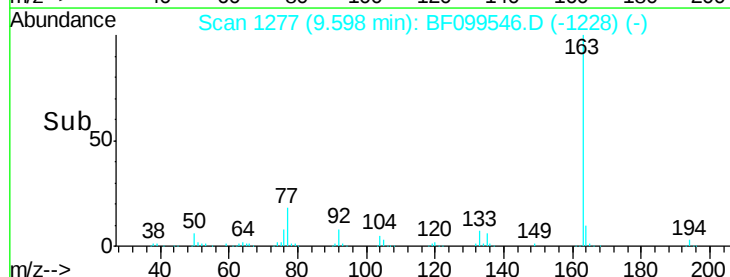
164 10.0 8.2 12.2

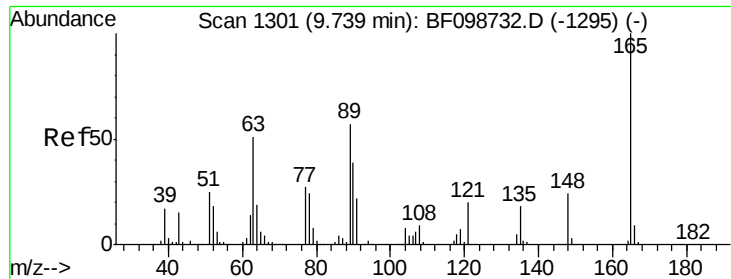


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

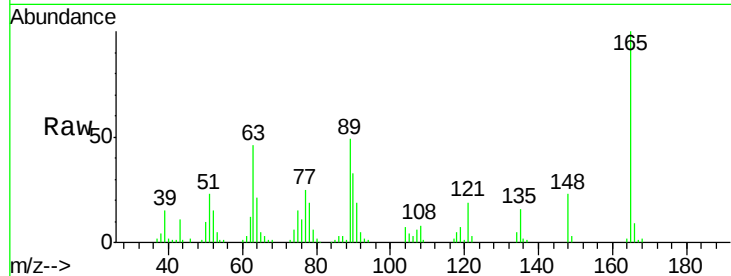




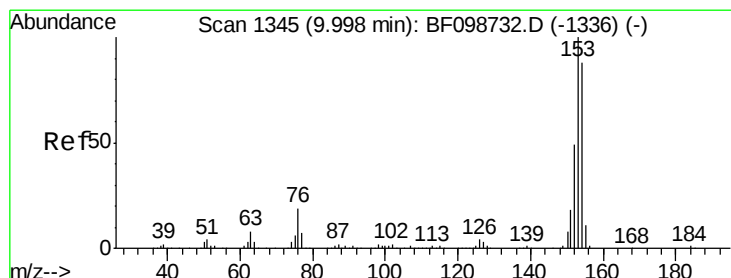
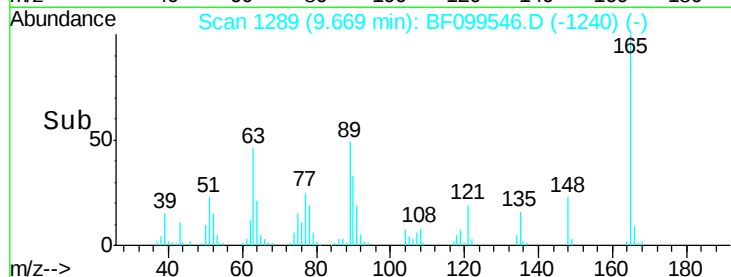
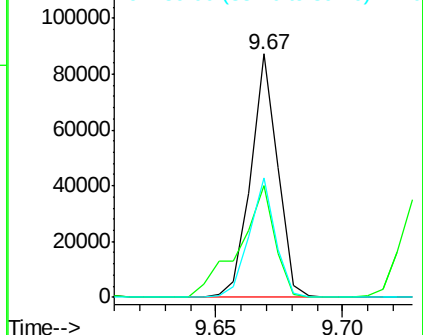
#50
2,6-Dinitrotoluene
Concen: 23.20 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	165	Resp	64426
Ion Ratio	Lower	Upper	
165	100		
63	45.7	44.7	67.1
89	49.0	44.0	66.0

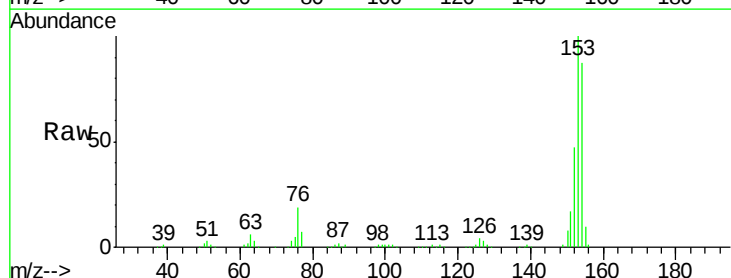


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

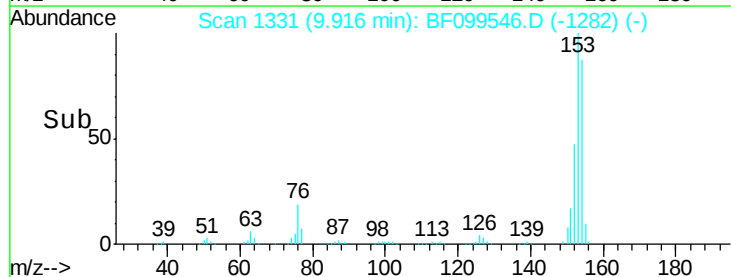
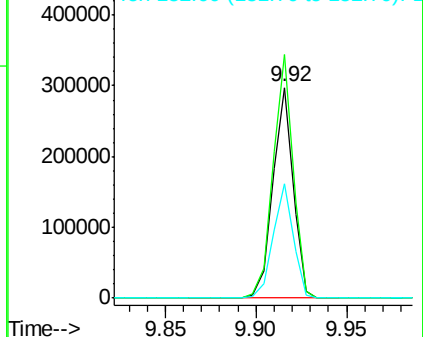


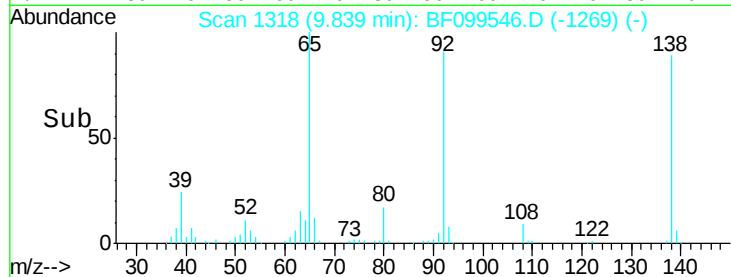
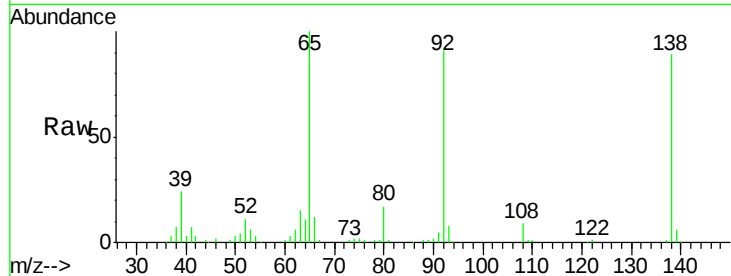
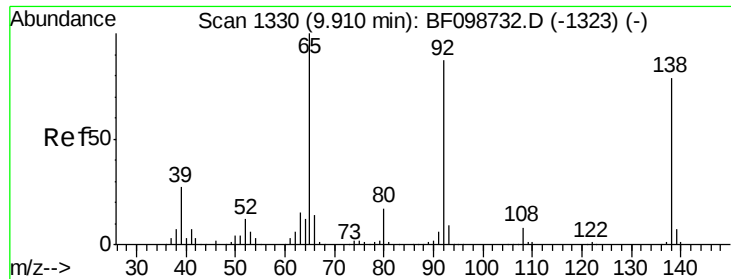
#51
Acenaphthene
Concen: 21.80 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion	154	Resp	230595
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.2	136.8
152	54.3	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

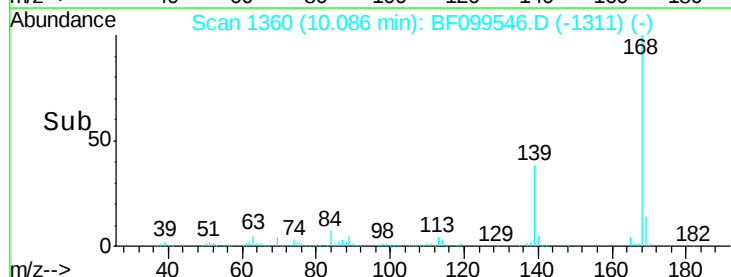
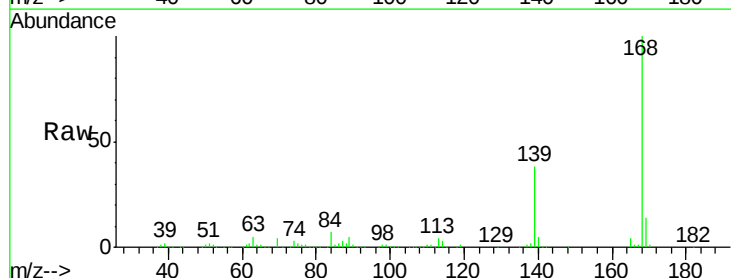
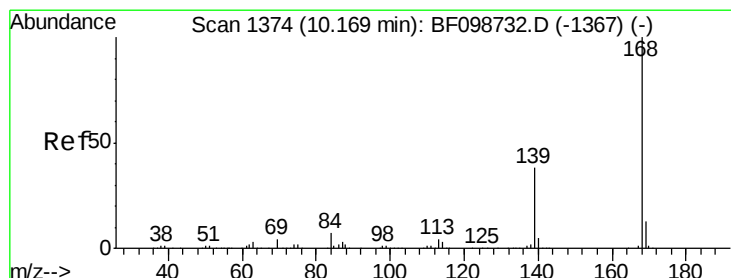
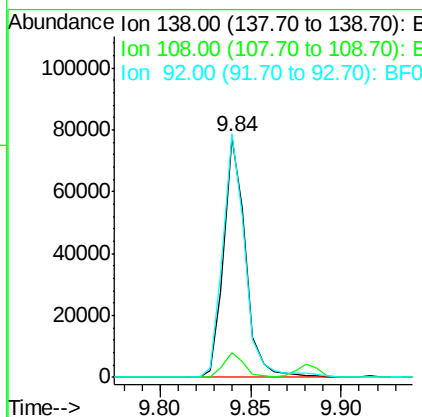




#52
3-Nitroaniline
Concen: 20.11 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

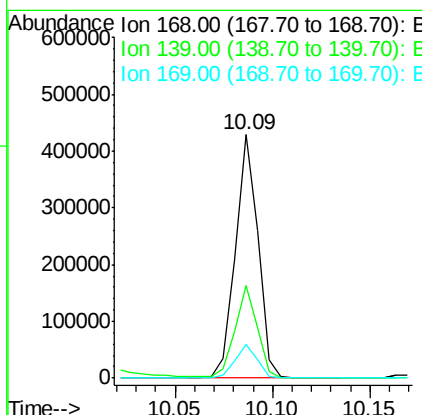
Instrument :
BNA_F
ClientSampled :

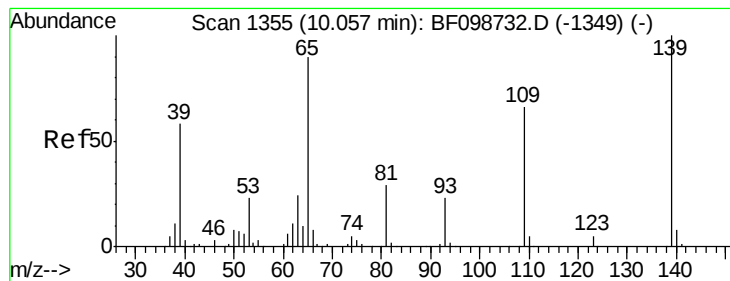
Tot Ion:138 Resp: 65120
Ion Ratio Lower Upper
138 100
108 10.2 9.4 14.0
92 101.3 89.4 134.2



#54
Dibenzofuran
Concen: 24.41 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:168 Resp: 343646
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.6 10.9 16.3





#55

4-Nitrophenol

Concen: 16.03 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampled :

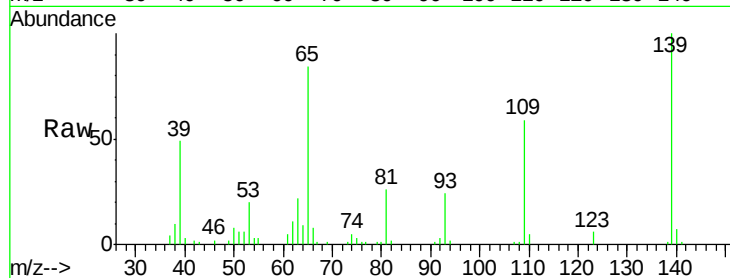
Tot Ion:139 Resp: 43898

Ion Ratio Lower Upper

139 100

109 58.7 48.4 88.4

65 84.0 72.6 112.6

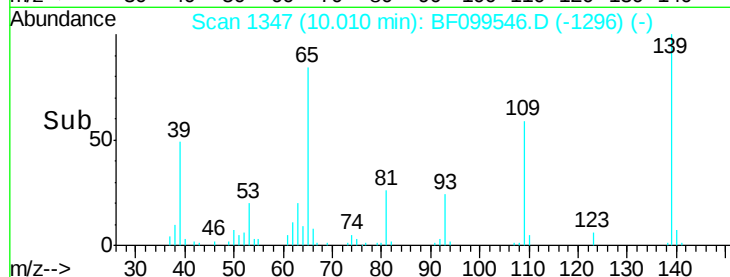


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

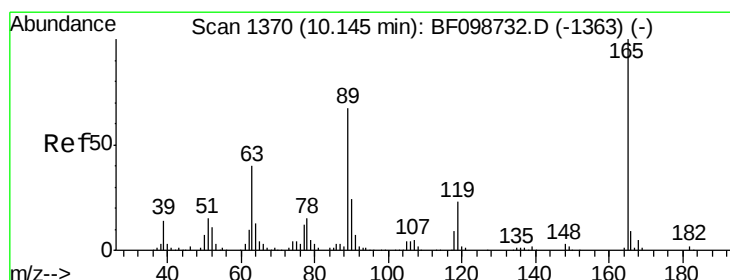
Ion 65.00 (64.70 to 65.70): E

Time-->



Abundance

Time-->



#56

2,4-Dinitrotoluene

Concen: 21.24 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Tgt Ion:165 Resp: 76537

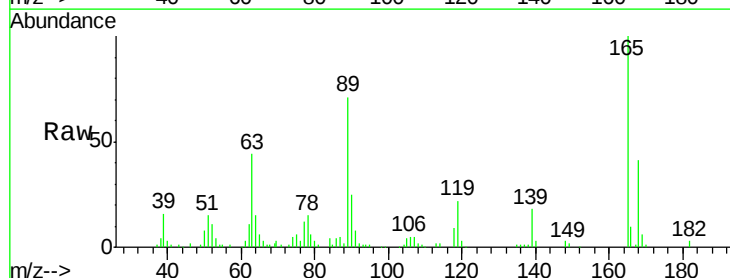
Ion Ratio Lower Upper

165 100

63 43.7 36.4 54.6

89 70.6 57.8 86.6

182 2.6 1.6 2.4#



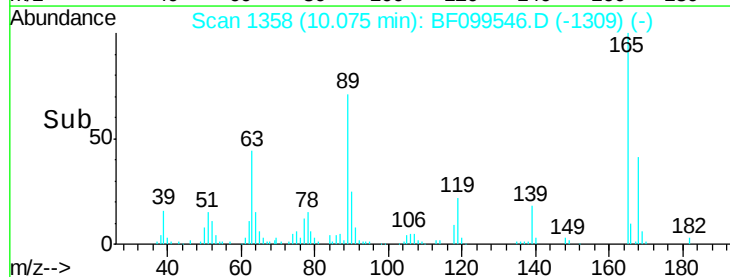
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

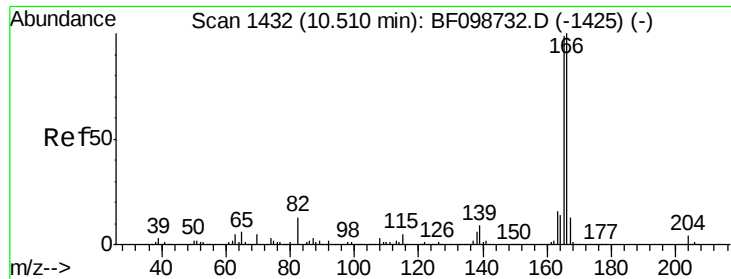
Ion 182.00 (181.70 to 182.70): E

Time-->



Abundance

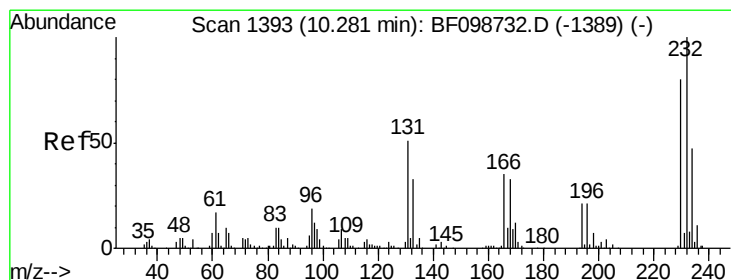
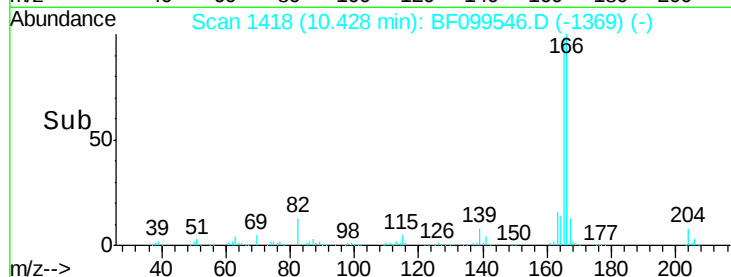
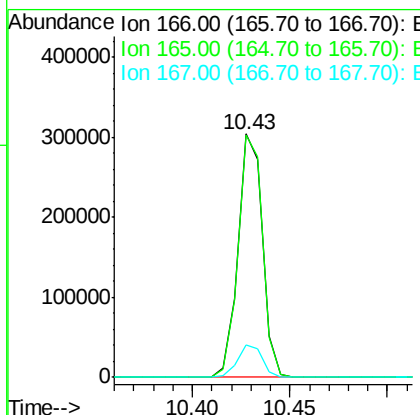
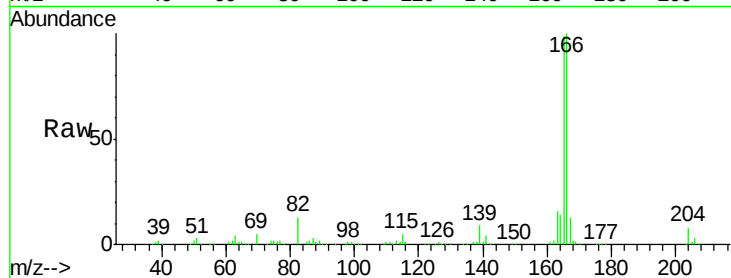
Time-->



#57
 Fluorene
 Concen: 23.17 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

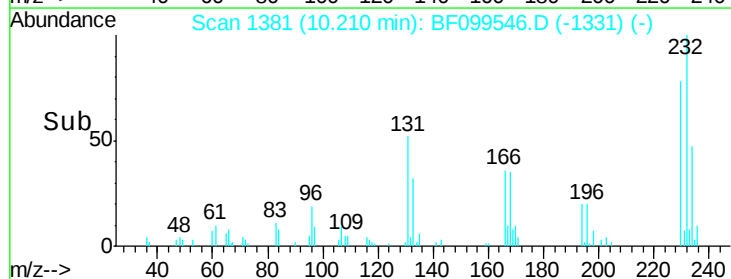
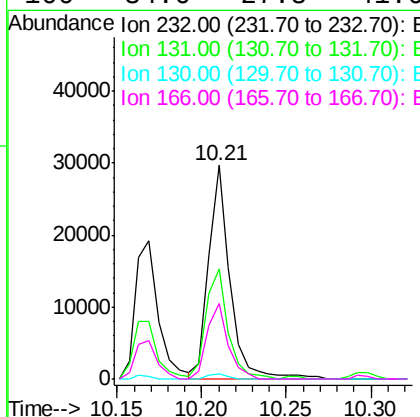
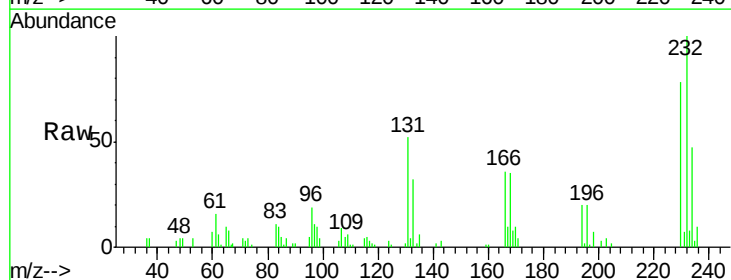
Instrument :
 BNA_F
 ClientSampleId :

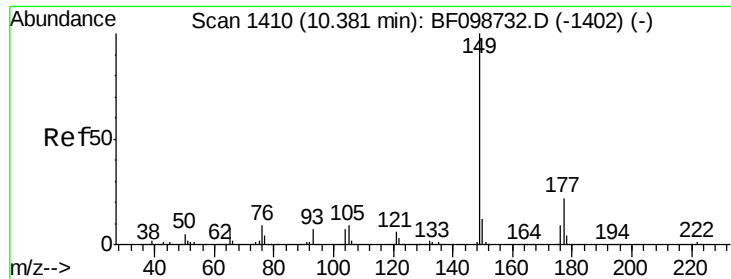
Tot Ion:166 Resp: 262272
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 10.72 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:232 Resp: 26404
 Ion Ratio Lower Upper
 232 100
 131 52.8 43.8 65.8
 130 2.1 2.1 3.1
 166 34.6 27.8 41.6

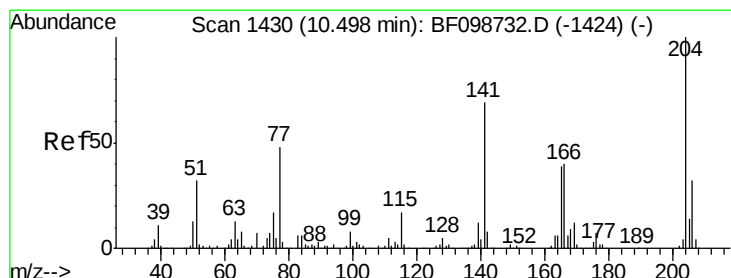
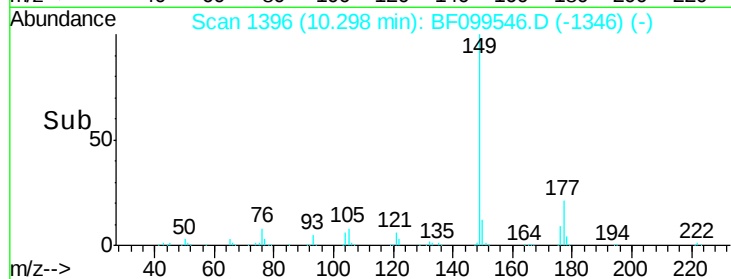
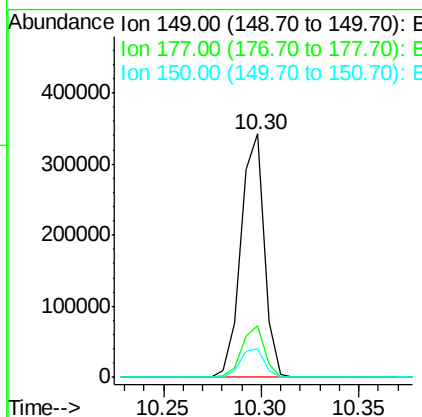
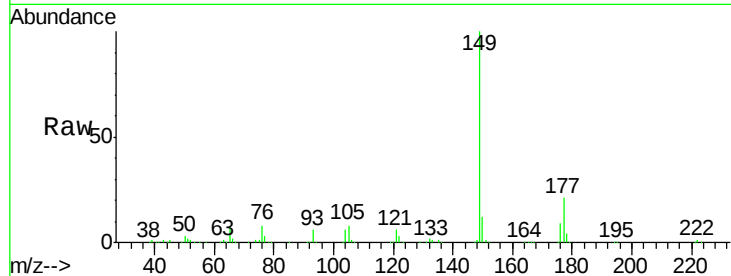




#59
Diethylphthalate
Concen: 22.80 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

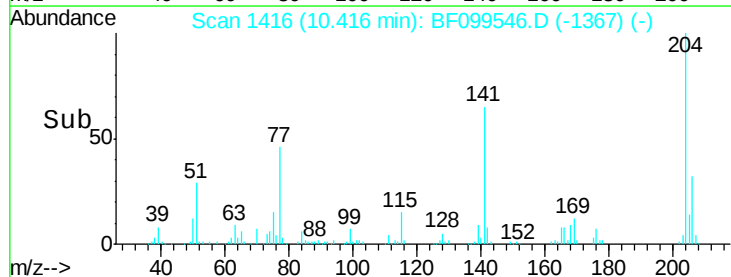
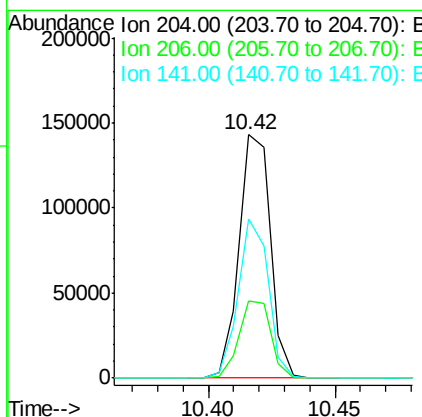
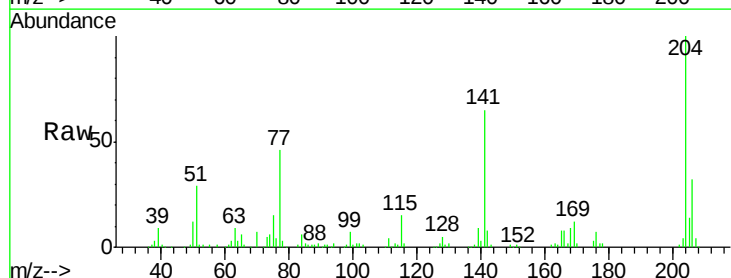
Instrument :
BNA_F
ClientSampled :

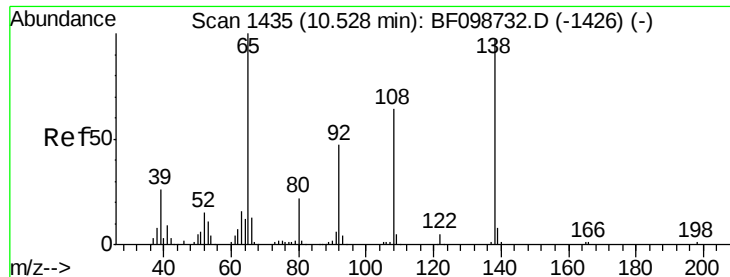
Tot Ion:149 Resp: 284142
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 24.18 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:204 Resp: 122931
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 65.3 54.6 81.8

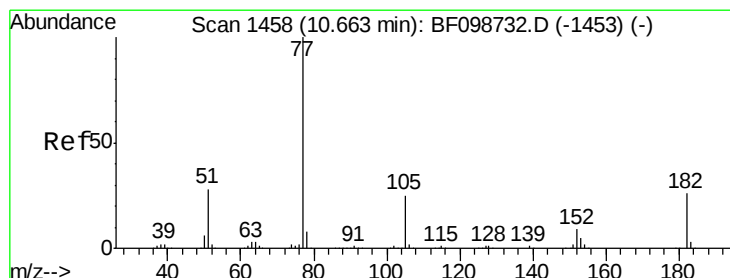
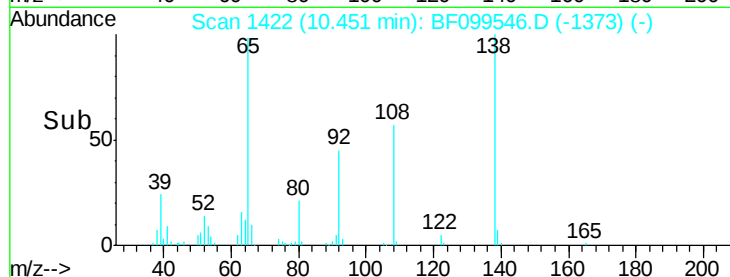
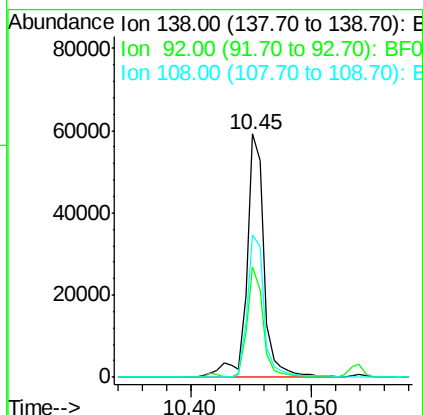
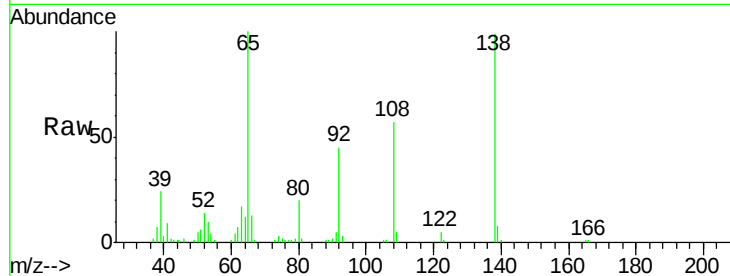




#61
4-Nitroaniline
Concen: 19.04 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

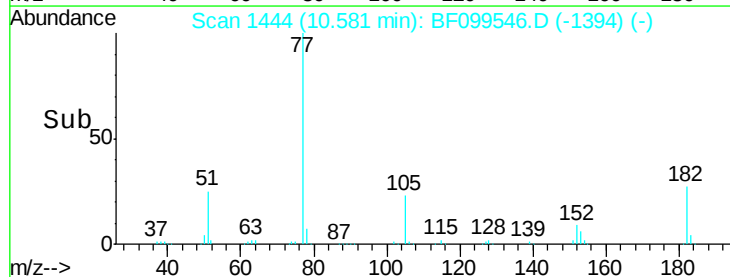
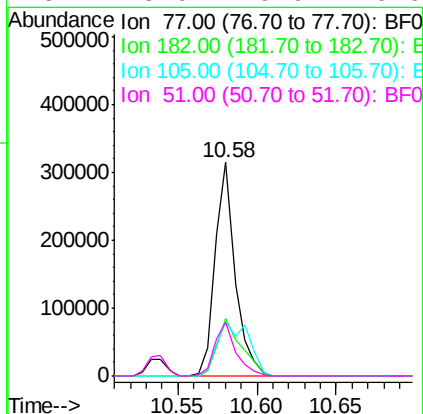
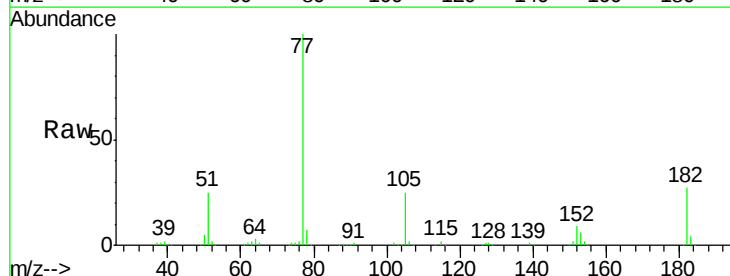
Instrument :
BNA_F
ClientSampleId :

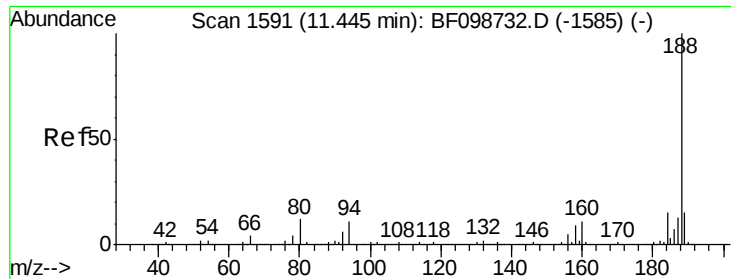
Tot Ion:138 Resp: 59472
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 58.3 52.5 92.5



#62
Azobenzene
Concen: 24.18 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion: 77 Resp: 277111
Ion Ratio Lower Upper
77 100
182 26.8 1.7 41.7
105 25.3 3.0 43.0
51 25.0 9.9 49.9

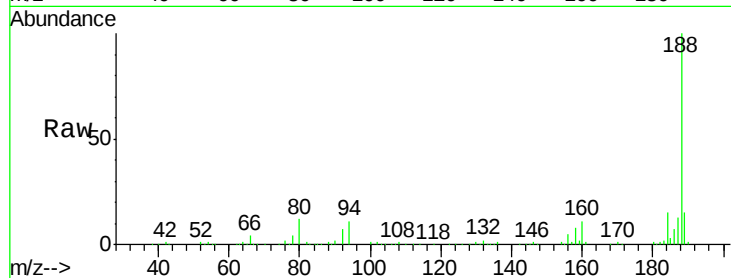




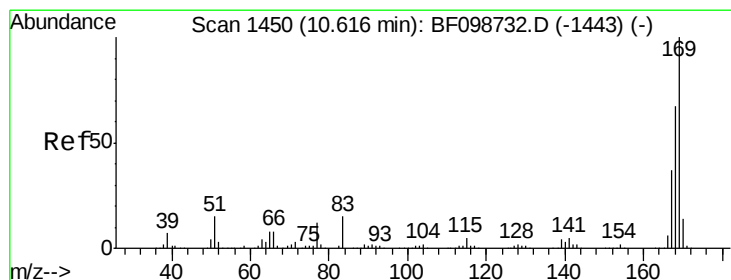
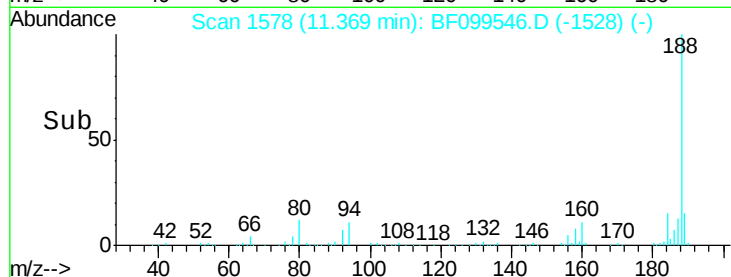
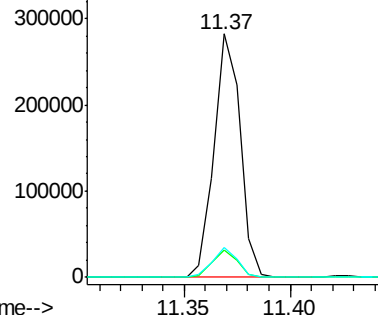
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 241717
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8



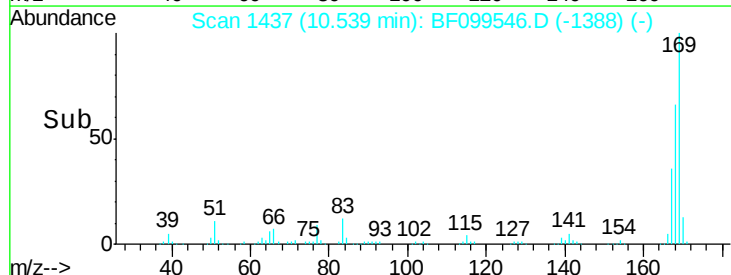
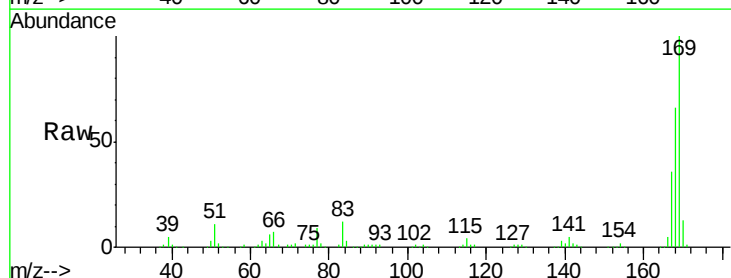
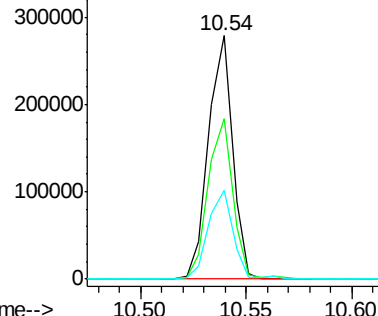
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

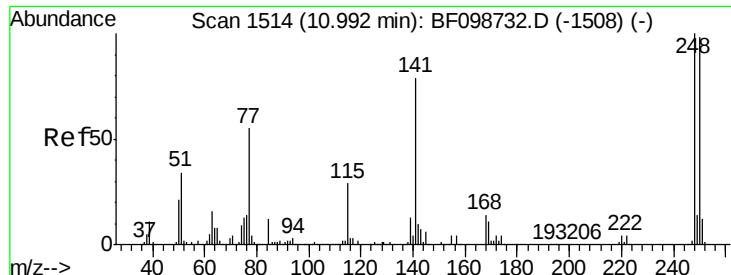


#65
n-Nitrosodiphenylamine
Concen: 26.16 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:169 Resp: 219097
Ion Ratio Lower Upper
169 100
168 65.9 54.4 81.6
167 36.2 29.8 44.6

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

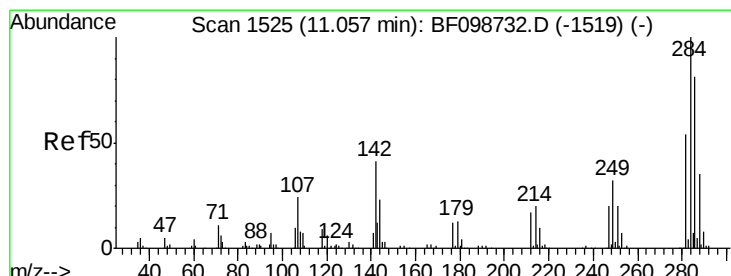
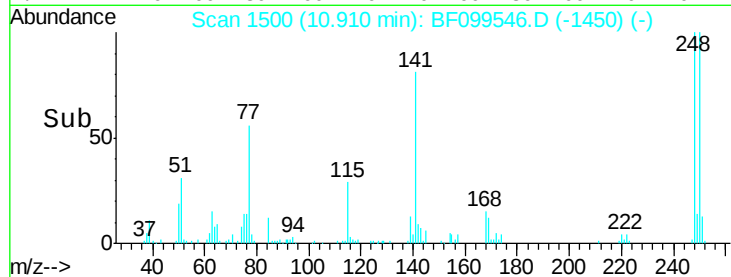
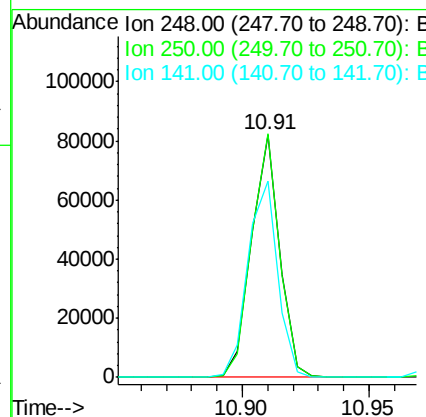
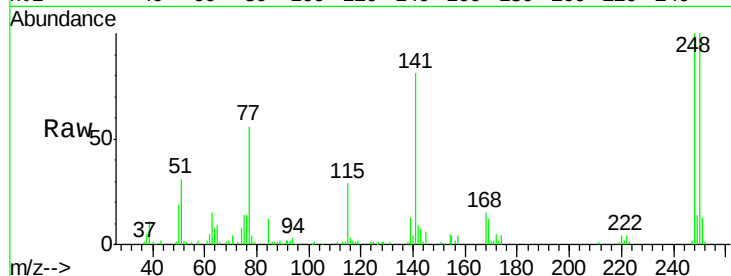




#66
 4-Bromophenyl-phenylether
 Concen: 26.90 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

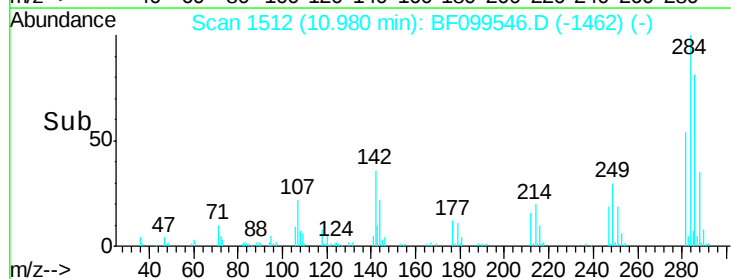
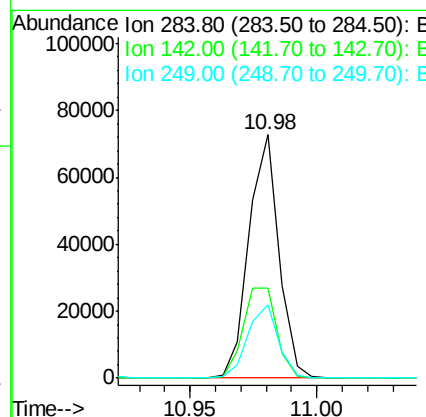
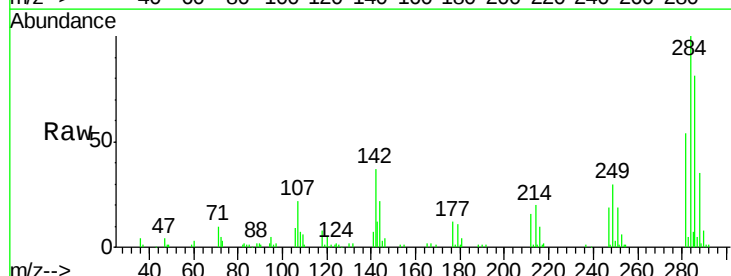
Instrument :
 BNA_F
 ClientSampleId :

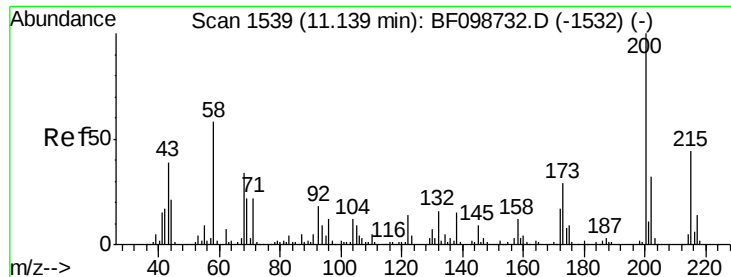
Tot Ion:248 Resp: 63648
 Ion Ratio Lower Upper
 248 100
 250 100.3 76.9 115.3
 141 81.0 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 23.67 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:284 Resp: 59807
 Ion Ratio Lower Upper
 284 100
 142 36.9 34.6 52.0
 249 30.3 24.8 37.2

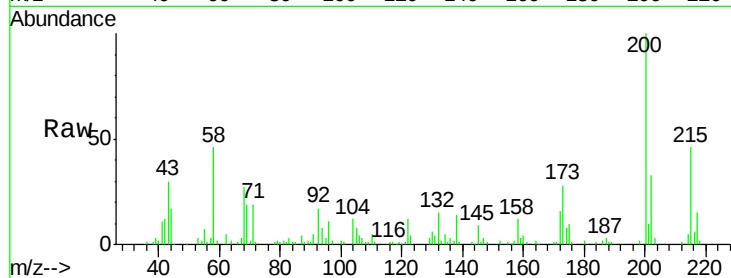




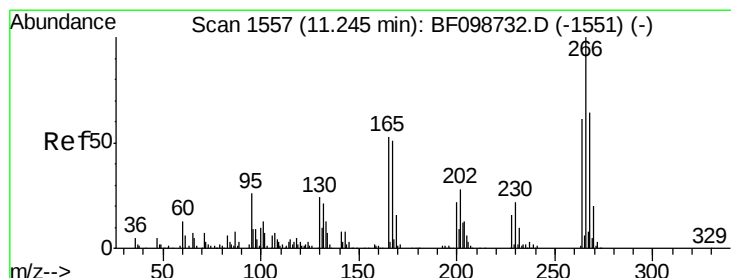
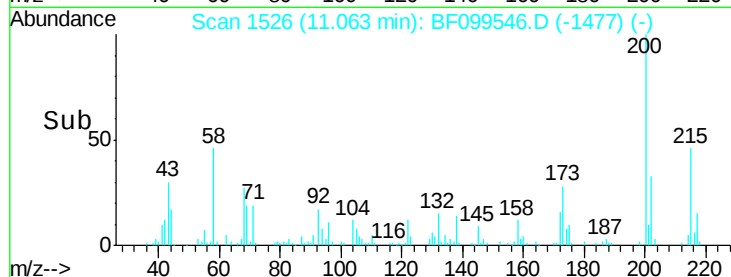
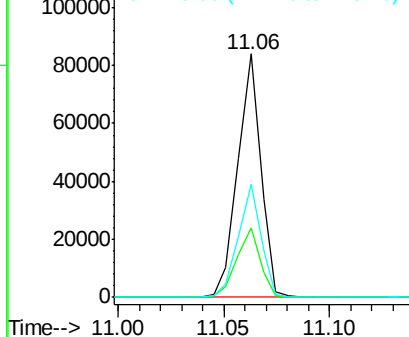
#68
Atrazine
Concen: 25.17 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 63415
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 46.5 25.1 65.1

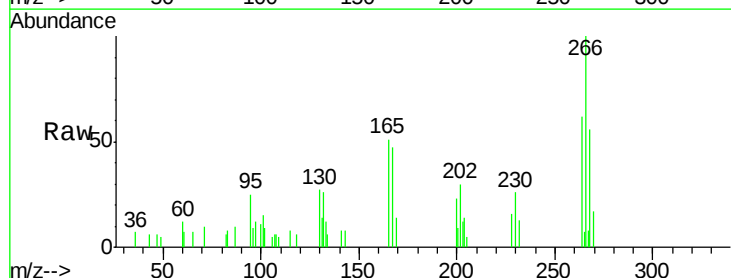


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

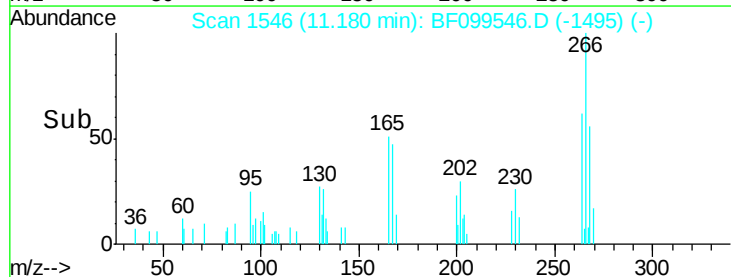
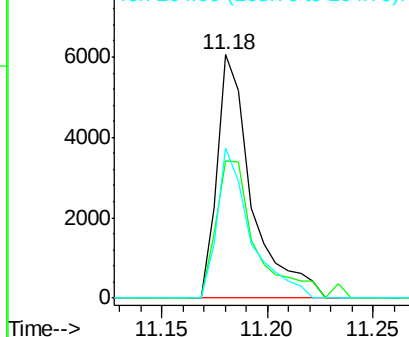


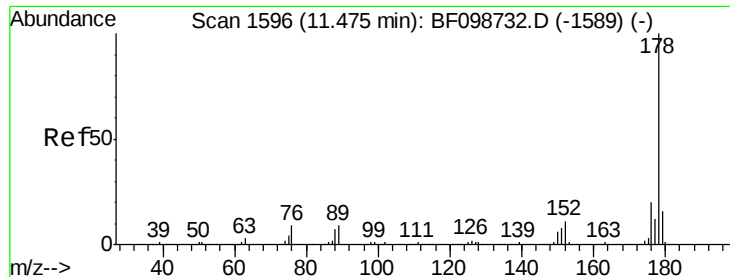
#69
Pentachlorophenol
Concen: 4.41 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:266 Resp: 6938
Ion Ratio Lower Upper
266 100
268 56.3 51.1 76.7
264 61.6 49.5 74.3



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





#70

Phenanthrene

Concen: 25.05 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

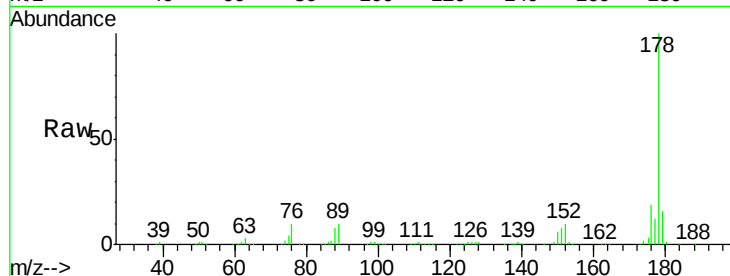
Tot Ion:178 Resp: 324110

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

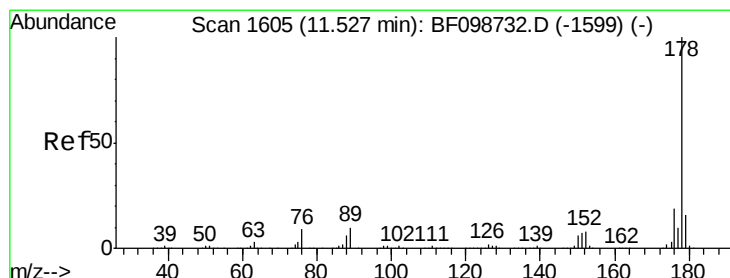
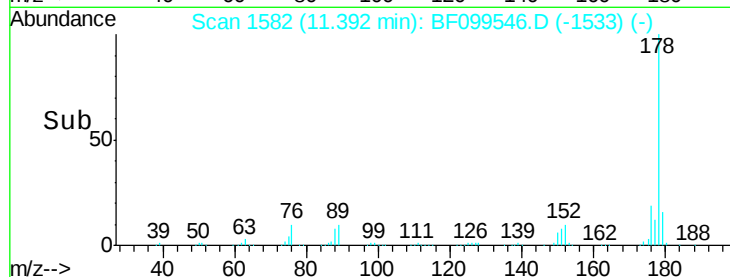
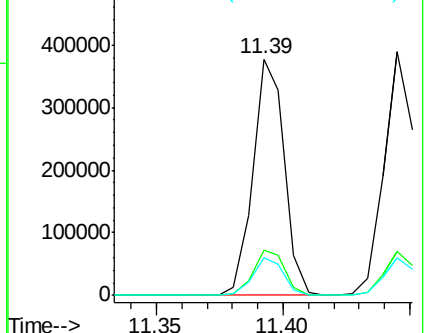
179 15.8 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 25.02 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

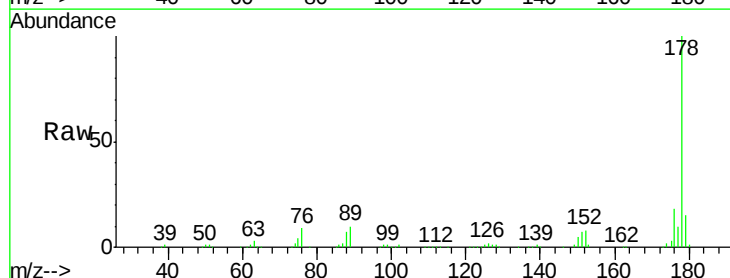
Tgt Ion:178 Resp: 331252

Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

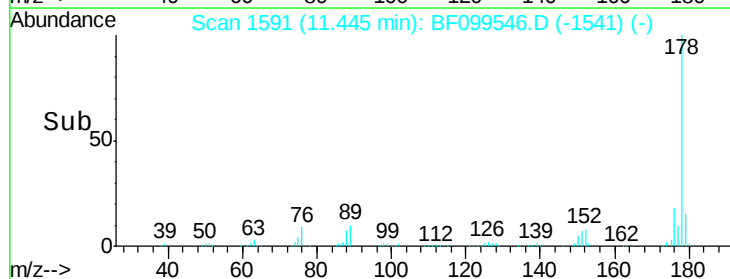
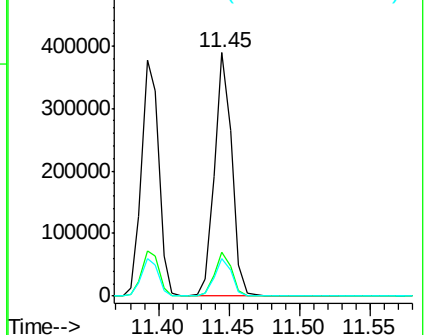
179 15.4 12.6 19.0

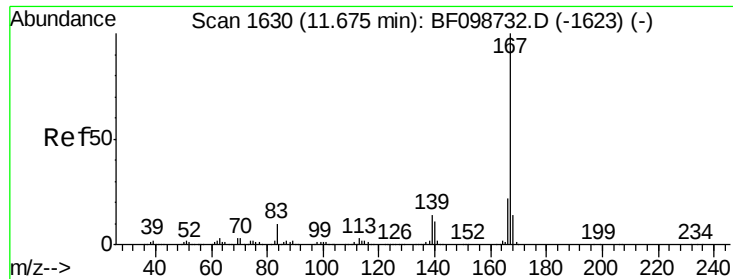


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

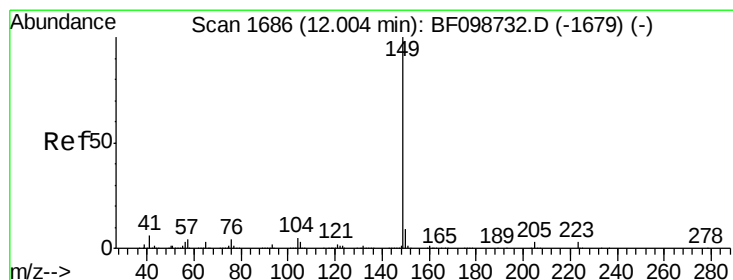
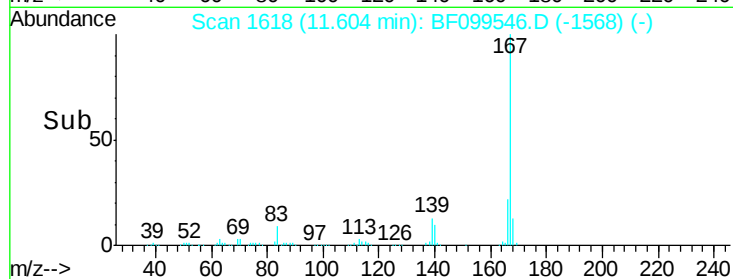
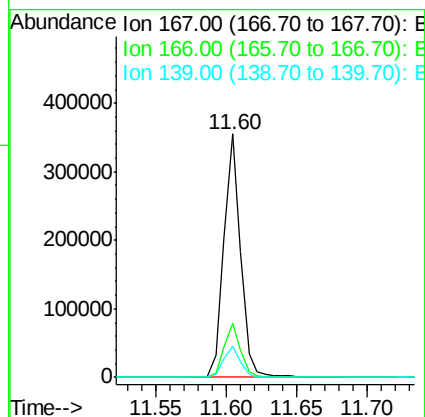
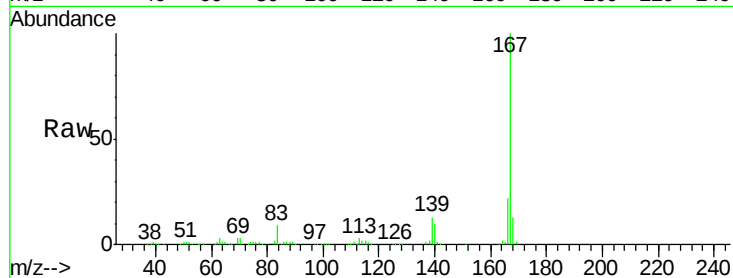




#72
 Carbazole
 Concen: 22.62 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

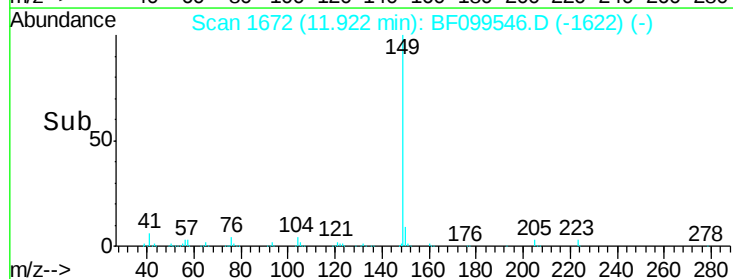
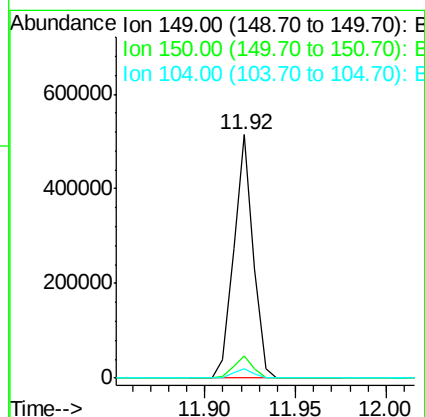
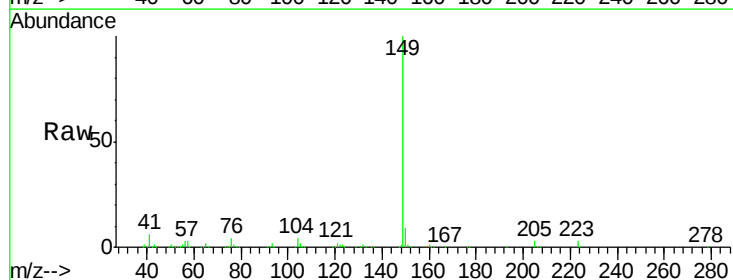
Instrument :
 BNA_F
 ClientSampleId :

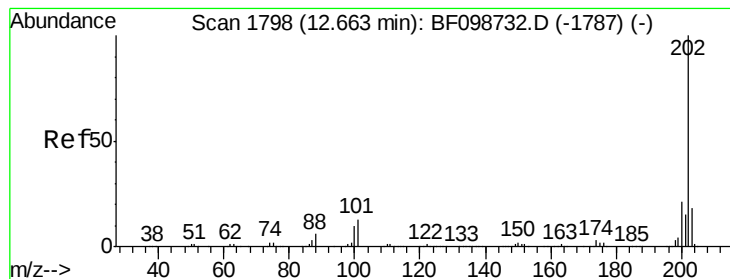
Tot Ion:167 Resp: 293214
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.7 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 24.49 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:149 Resp: 382116
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.6
 104 4.0 3.8 5.8





#74

Fluoranthene

Concen: 22.55 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

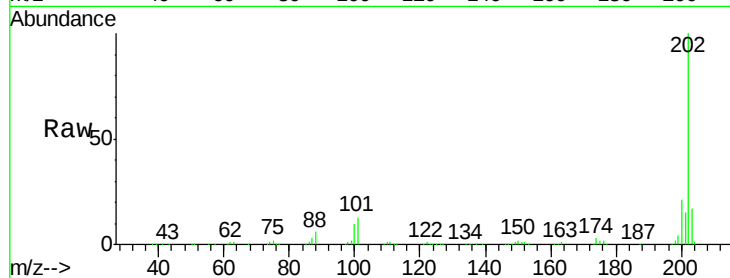
Tot Ion:202 Resp: 295454

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

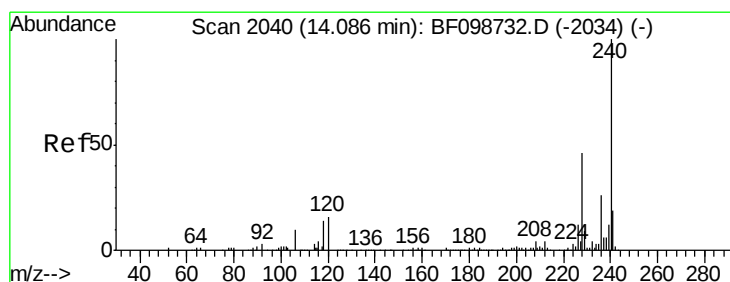
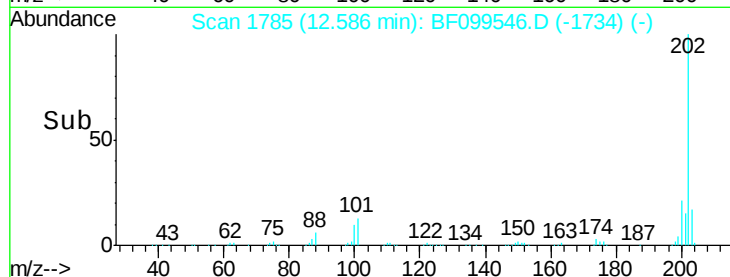
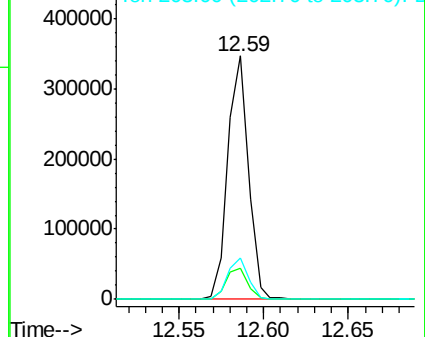
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

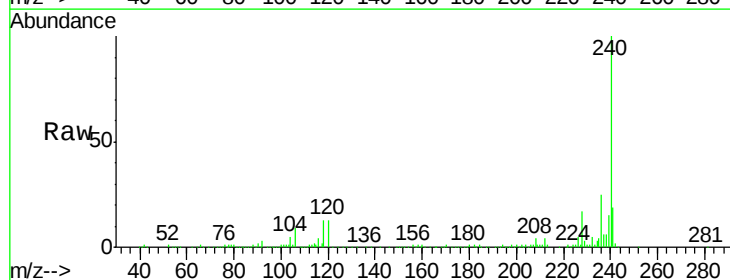
Tgt Ion:240 Resp: 181917

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

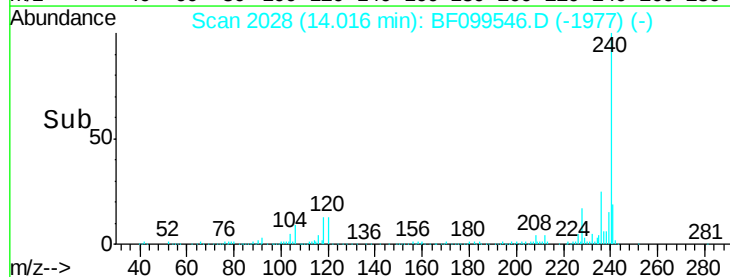
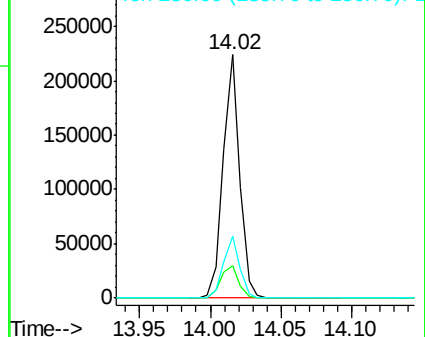
236 25.5 20.7 31.1

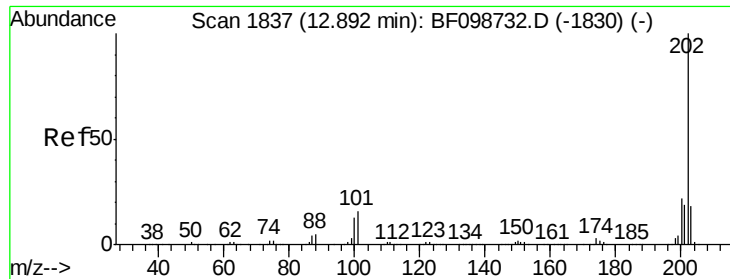


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

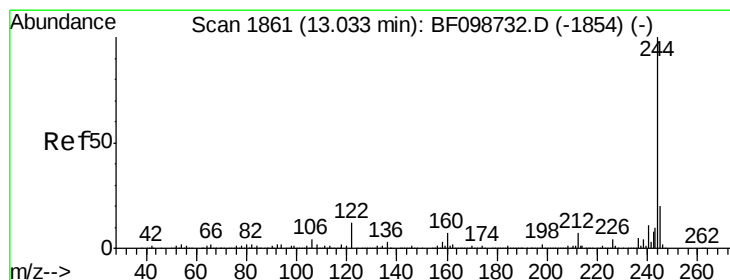
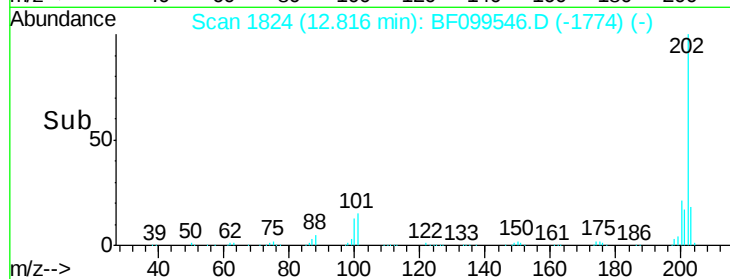
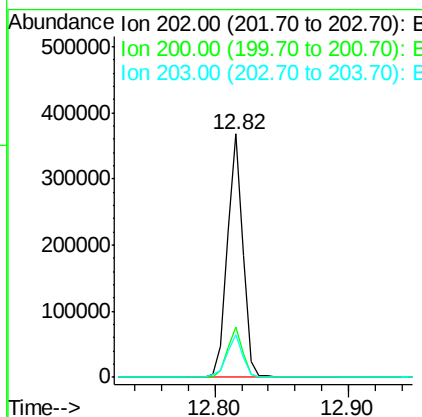
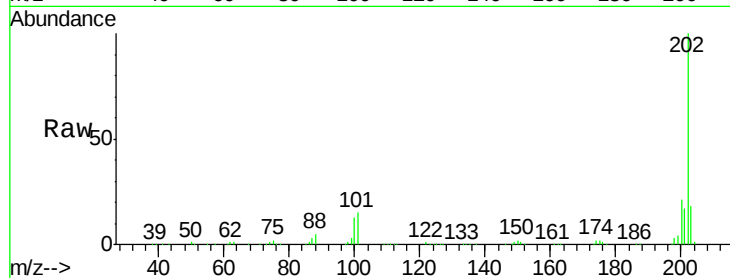




#77
Pvrene
Concen: 21.89 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

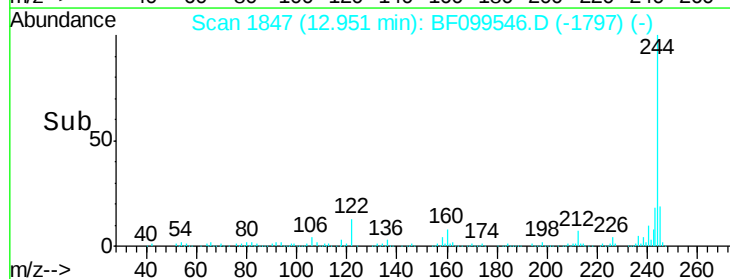
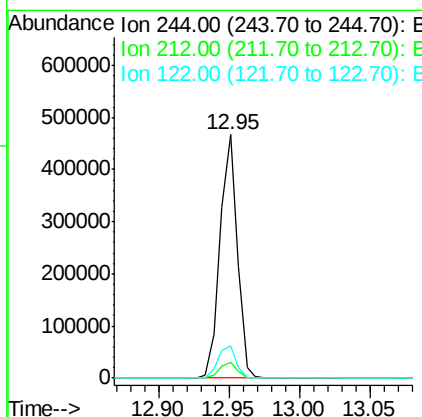
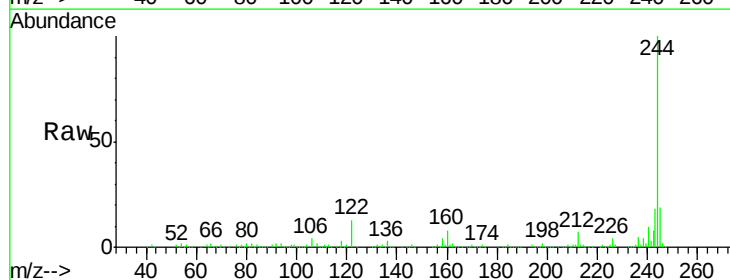
Instrument :
BNA_F
ClientSampleId :

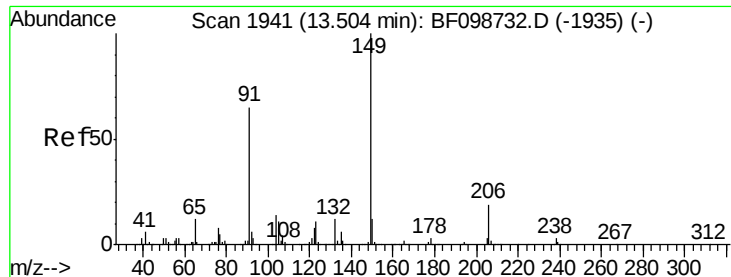
Tot Ion:202 Resp: 303613
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 49.78 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:244 Resp: 398160
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.5 11.0 16.4

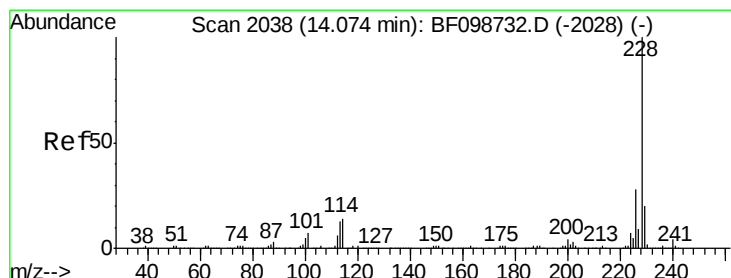
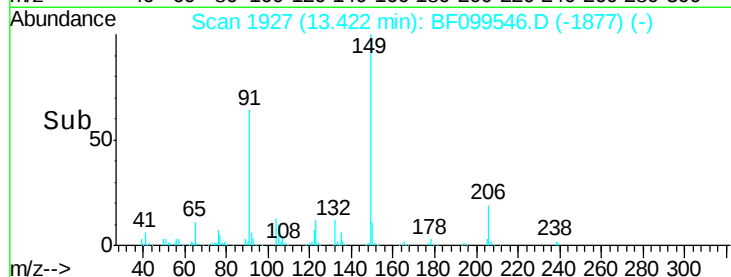
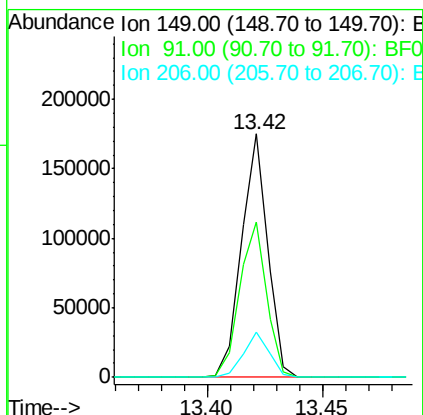
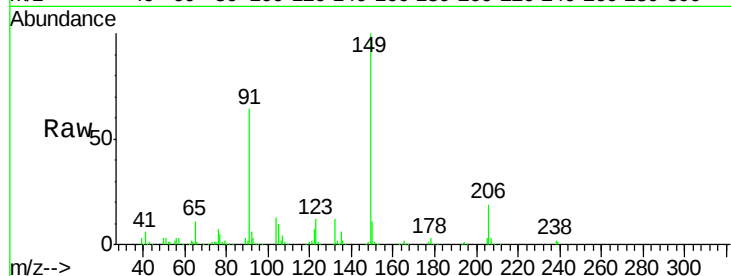




#79
Butylbenzylphthalate
Concen: 21.27 ng
RT: 13.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

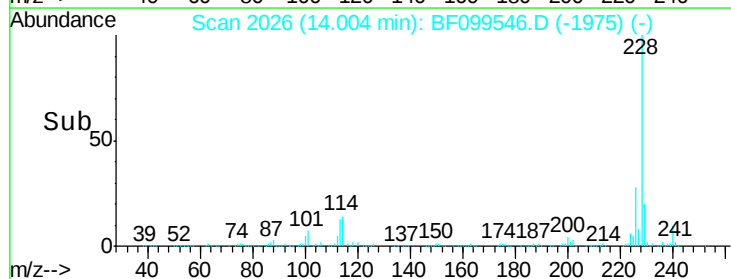
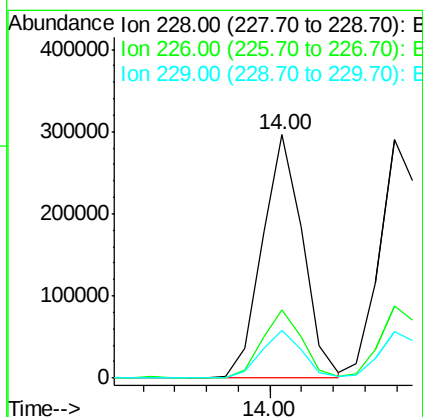
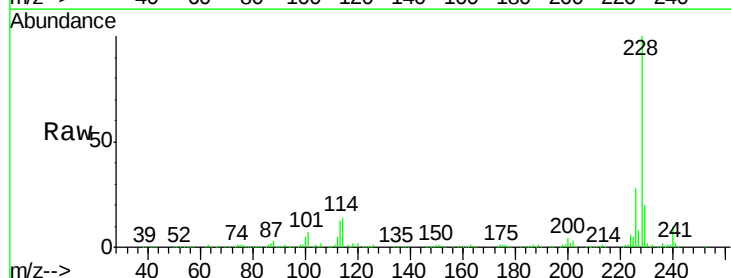
Instrument :
BNA_F
ClientSampleId :

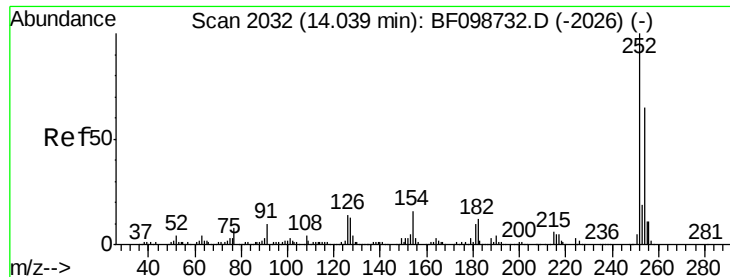
Tot Ion:149 Resp: 138700
Ion Ratio Lower Upper
149 100
91 63.9 56.8 85.2
206 18.5 14.1 21.1



#80
Benzo(a)anthracene
Concen: 23.80 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:228 Resp: 262184
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 19.7 15.8 23.6

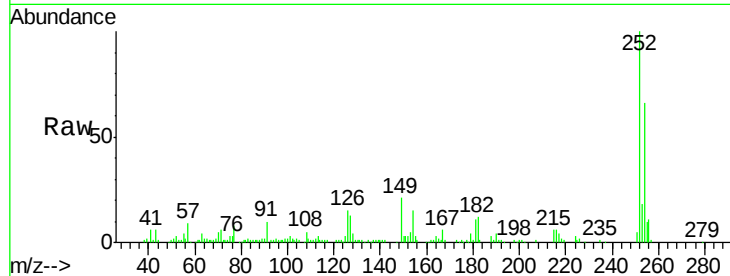




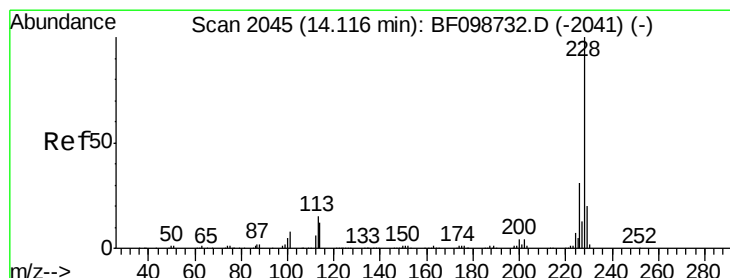
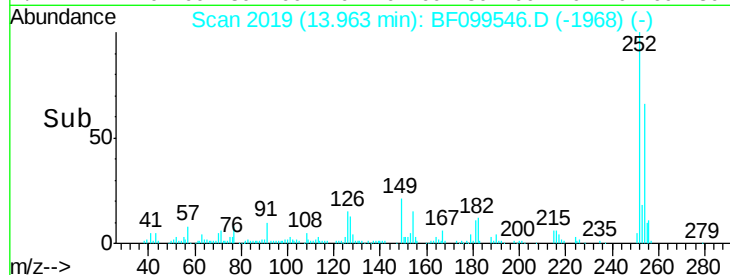
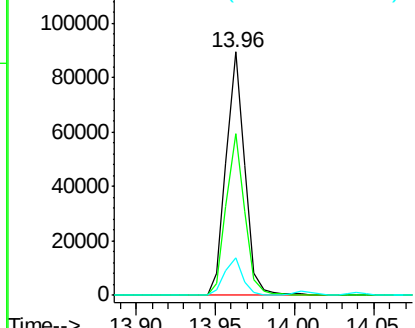
#81
 3,3'-Dichlorobenzidine
 Concen: 18.17 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 73368
 Ion Ratio Lower Upper
 252 100
 254 66.3 50.4 75.6
 126 15.2 11.3 16.9

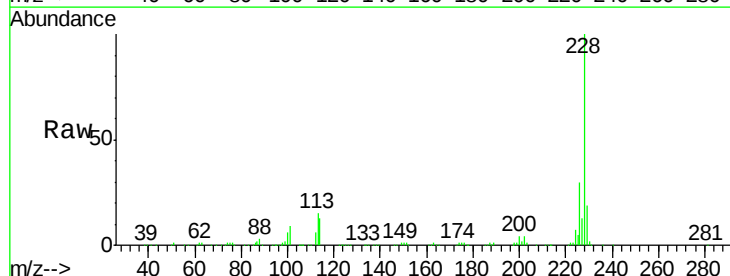


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

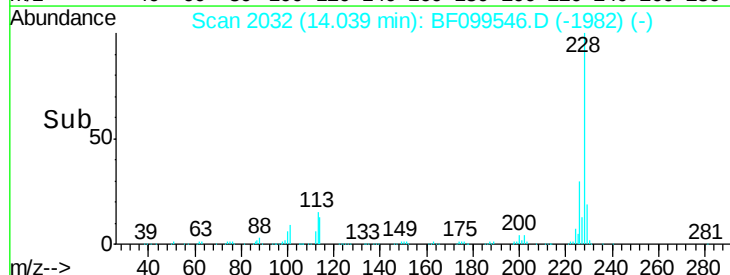
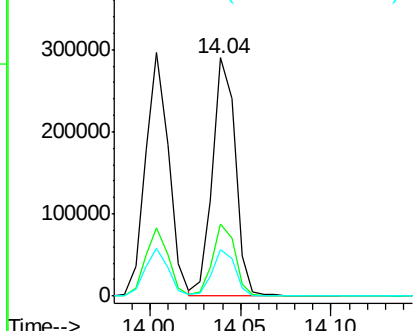


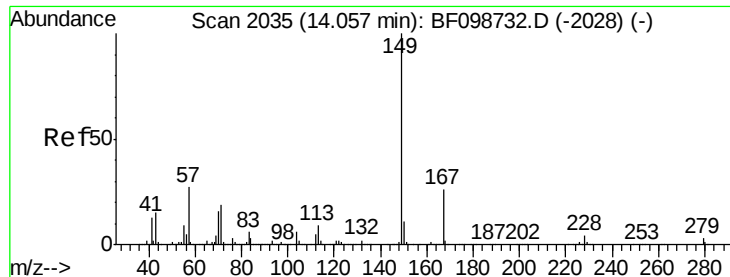
#82
 Chrysene
 Concen: 24.24 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion:228 Resp: 254175
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.4 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

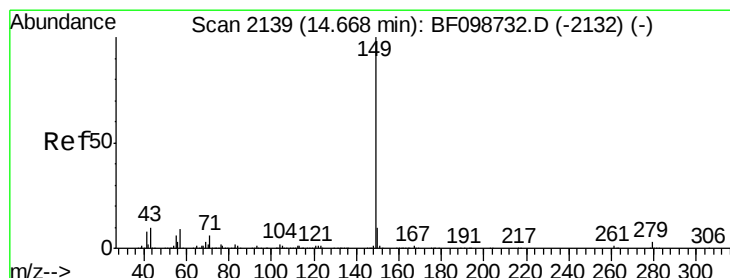
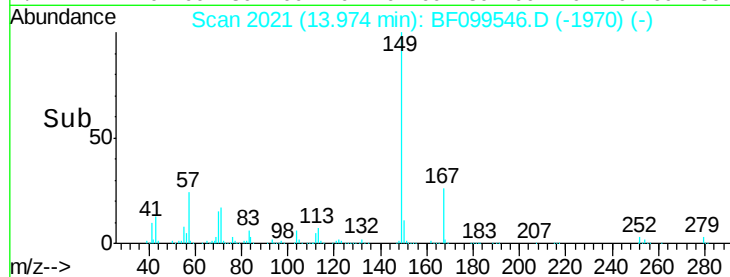
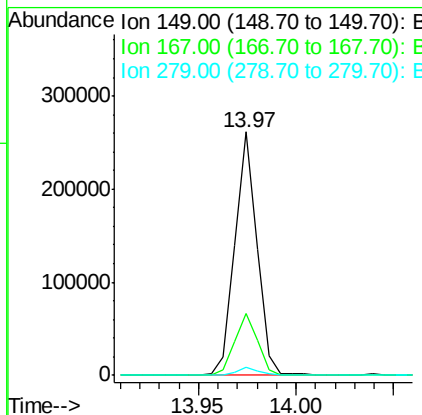
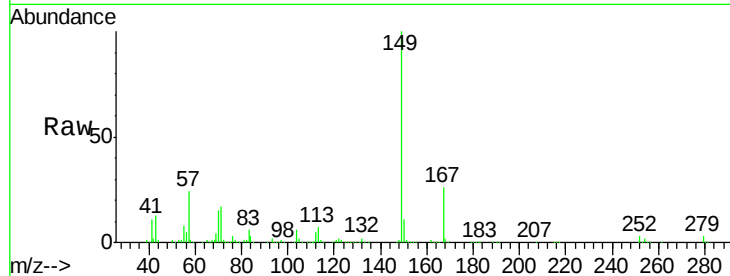




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.91 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

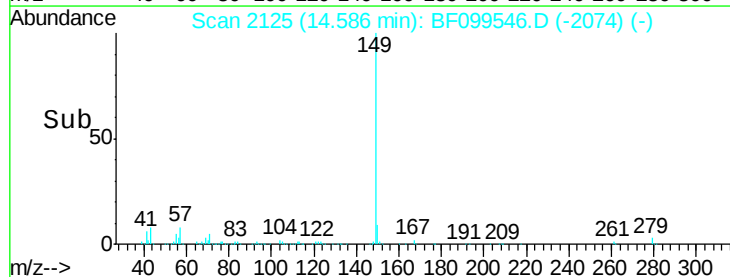
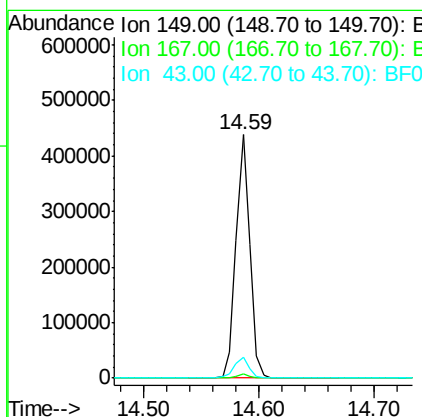
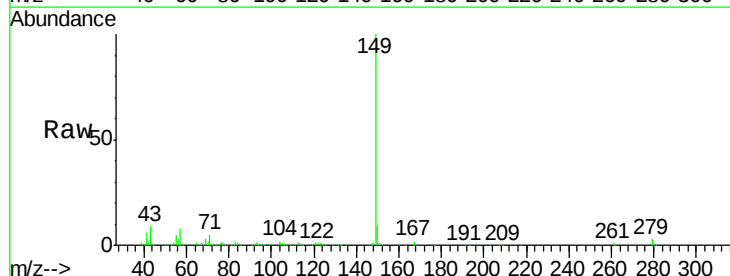
Instrument :
 BNA_F
 ClientSampleId :

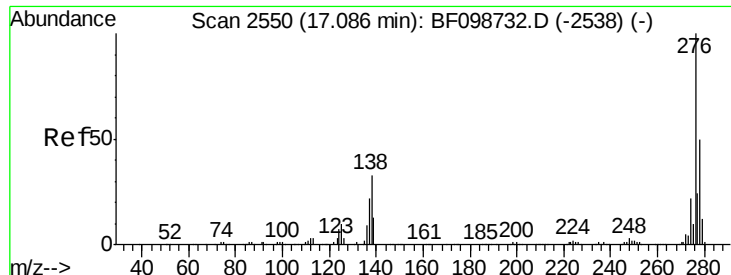
Tot Ion	149	Resp	205673
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.3	31.9
279	3.1	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 25.20 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF099546.D
 Acq: 16 Oct 2017 16:03

Tgt Ion	149	Resp	364230
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.4	8.4	12.6#

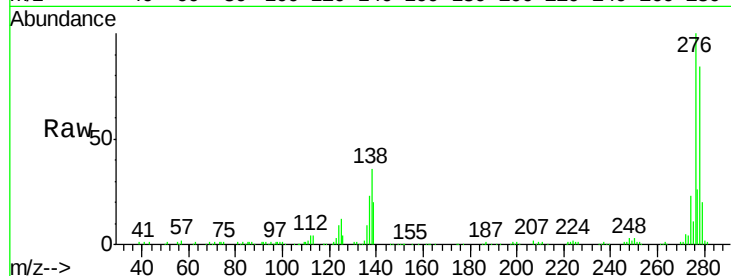




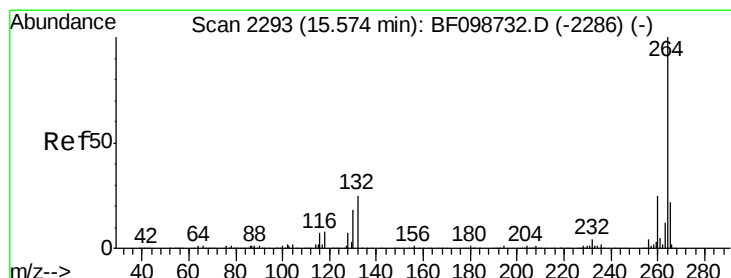
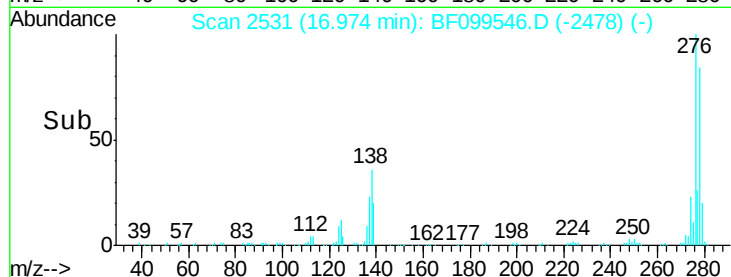
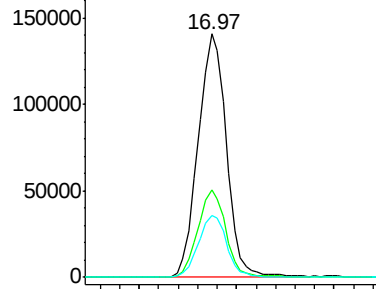
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.84 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.0	37.6
277	25.5	20.1	30.1

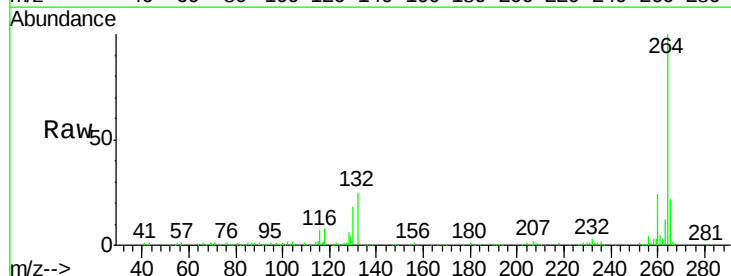


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

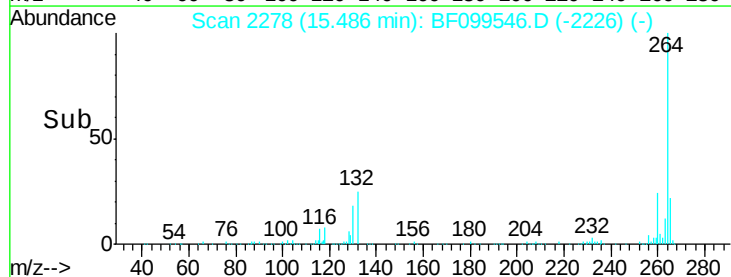
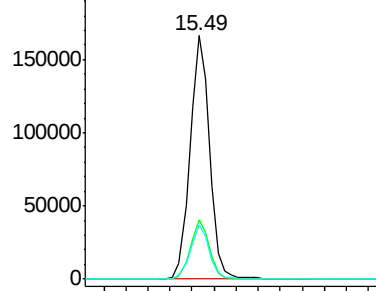


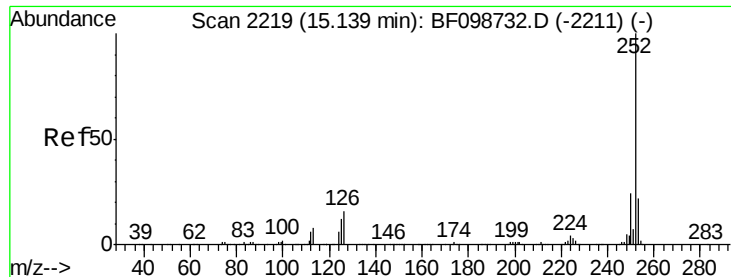
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.2	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

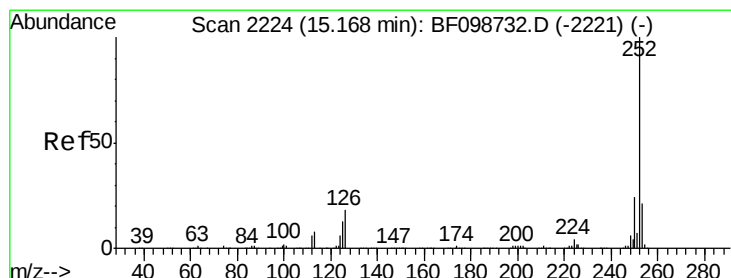
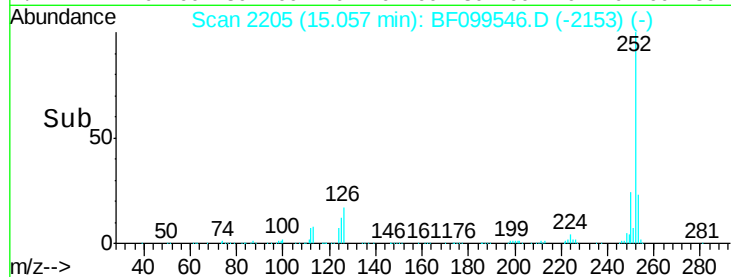
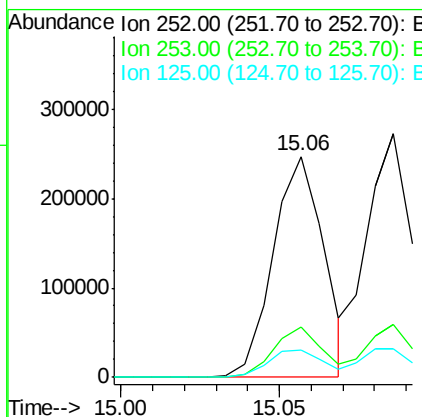
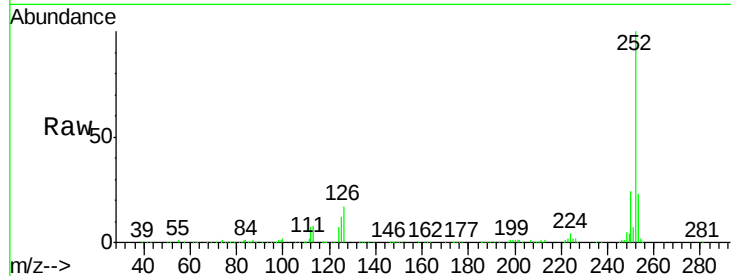




#87
Benzo(b)fluoranthene
Concen: 21.92 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

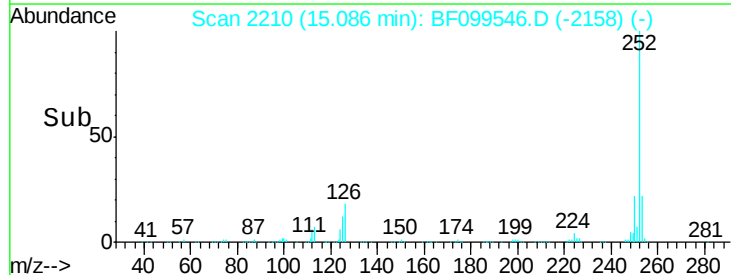
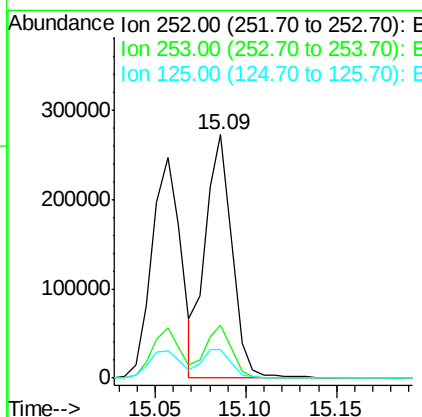
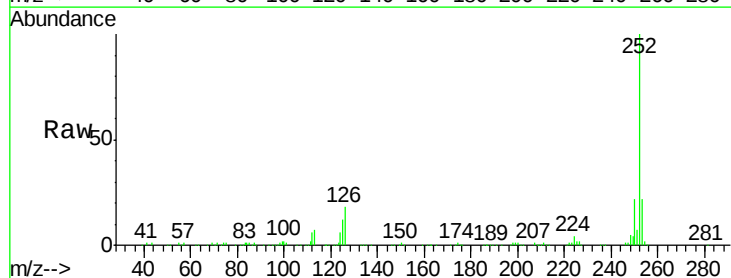
Instrument :
BNA_F
ClientSampleId :

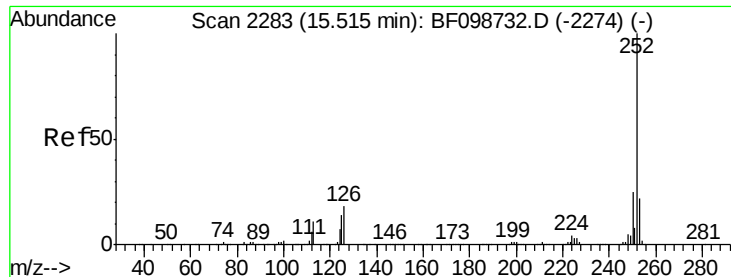
Tot Ion:252 Resp: 275461
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 22.21 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099546.D
Acq: 16 Oct 2017 16:03

Tgt Ion:252 Resp: 275650
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 23.90 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

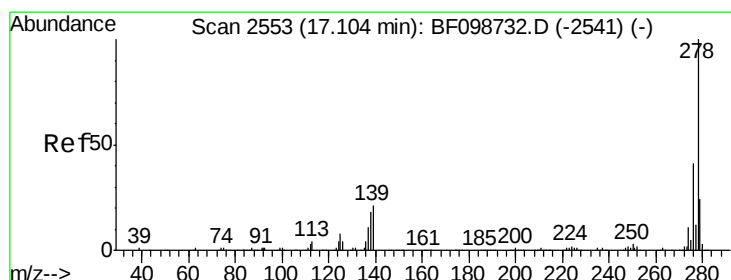
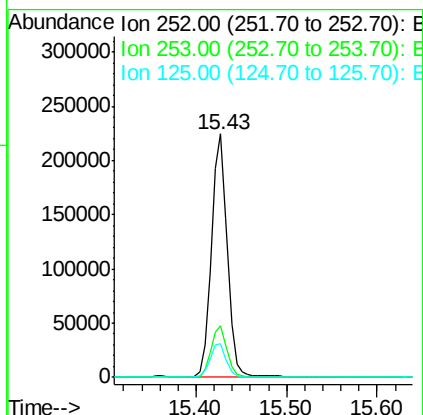
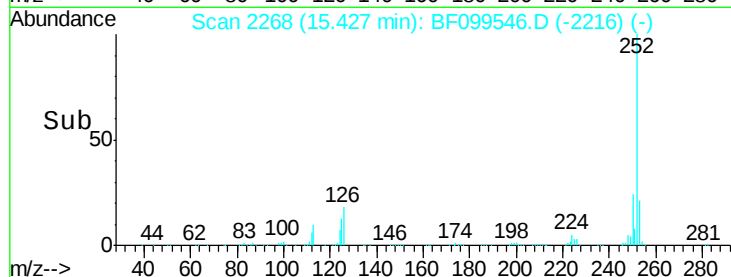
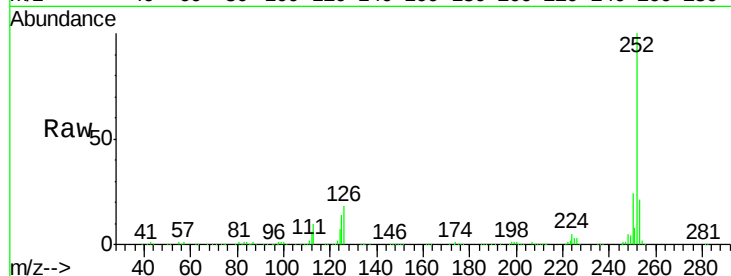
Tot Ion:252 Resp: 275640

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

125 13.6 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 26.32 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

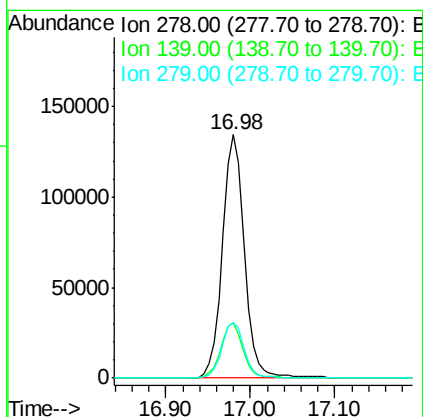
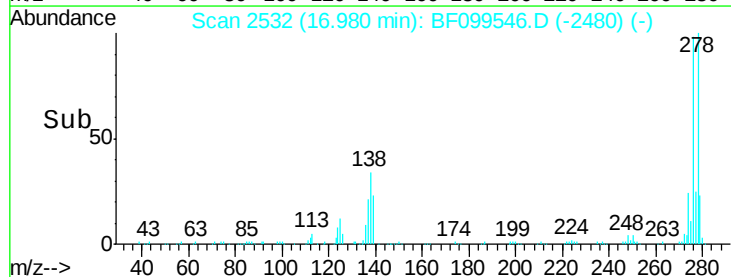
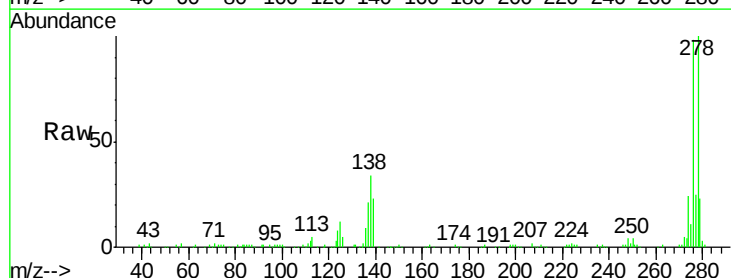
Tgt Ion:278 Resp: 242928

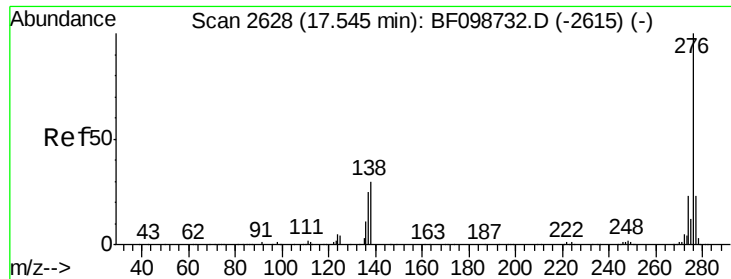
Ion Ratio Lower Upper

278 100

139 22.8 15.9 23.9

279 22.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 24.96 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF099546.D

Acq: 16 Oct 2017 16:03

Instrument :

BNA_F

ClientSampleId :

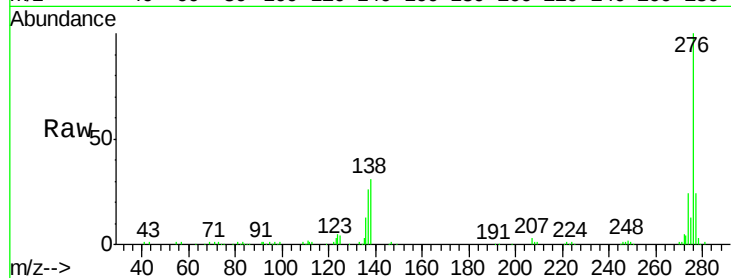
Tot Ion:276 Resp: 227768

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 30.8 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

