

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099620.D
 Acq On : 18 Oct 2017 16:37
 Operator : SJ/JU
 Sample : PB103365BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 22:12:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	101832	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	431200	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	202641	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	365178	20.00	ng	0.00
75) Chrysene-d12	14.00	240	259861	20.00	ng	0.00
86) Perylene-d12	15.46	264	188680	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	796938	124.58	ng	0.02
7) Phenol-d6	6.48	99	954083	120.90	ng	0.00
23) Nitrobenzene-d5	7.40	82	574568	85.45	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	217156	130.96	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1143167	94.18	ng	0.00
78) Terphenyl-d14	12.93	244	991170	86.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	98091	32.101	ng	93
3) Pyridine	3.45	79	267953	32.415	ng	90
4) n-Nitrosodimethylamine	3.40	42	107483	30.663	ng	# 78
6) Aniline	6.50	93	217299	20.403	ng	# 80
8) 2-Chlorophenol	6.62	128	281397	38.844	ng	93
9) Benzaldehyde	6.39	77	80300	17.542	ng	91
10) Phenol	6.49	94	334865	37.943	ng	94
11) bis(2-Chloroethyl)ether	6.57	93	267412	38.976	ng	95
12) 1,3-Dichlorobenzene	6.77	146	300845	39.654	ng	97
13) 1,4-Dichlorobenzene	6.85	146	301656	39.080	ng	97
14) 1,2-Dichlorobenzene	7.00	146	279184	39.143	ng	97
15) Benzyl Alcohol	6.97	79	202105	34.911	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	339344	31.746	ng	51
17) 2-Methylphenol	7.09	107	232155	39.166	ng	# 94
18) Hexachloroethane	7.33	117	104816	37.778	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	174526	34.640	ng	95
20) 3+4-Methylphenols	7.25	107	287417	38.330	ng	# 80
22) Acetophenone	7.24	105	369621	35.380	ng	# 98
24) Nitrobenzene	7.42	77	271789	35.634	ng	93
25) Isophorone	7.65	82	515245	37.064	ng	98
26) 2-Nitrophenol	7.73	139	164155	44.756	ng	88
27) 2,4-Dimethylphenol	7.77	122	257665	37.199	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	335068	38.677	ng	99
29) 2,4-Dichlorophenol	7.97	162	244833	41.169	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	245475	41.270	ng	98
31) Naphthalene	8.13	128	807776	39.887	ng	100
32) Benzoic acid	7.92	122	160438	28.198	ng	97
33) 4-Chloroaniline	8.19	127	143981	17.025	ng	95
34) Hexachlorobutadiene	8.24	225	119975	39.161	ng	99
35) Caprolactam	8.53	113	4901	2.569	ng	88
36) 4-Chloro-3-methylphenol	8.68	107	249175	37.277	ng	90
37) 2-Methylnaphthalene	8.82	142	565993	42.991	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	229269	37.938	ng	99
40) Hexachlorocyclopentadiene	8.97	237	144444	52.301	ng	99

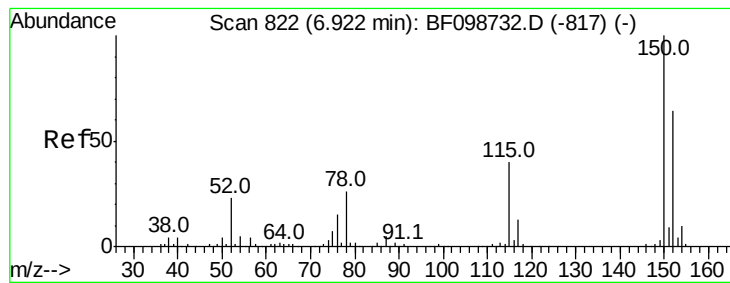
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099620.D
 Acq On : 18 Oct 2017 16:37
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 Sample : PB103365BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	159806	37.327	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	166049	38.853	nq	98
45) 1,1'-Biphenyl	9.29	154	667002	38.299	nq	97
46) 2-Chloronaphthalene	9.32	162	523921	40.067	nq	95
47) 2-Nitroaniline	9.42	65	147497	36.838	nq	90
48) Acenaphthylene	9.73	152	787033	39.318	nq	99
49) Dimethylphthalate	9.59	163	619233	40.488	nq	100
50) 2,6-Dinitrotoluene	9.66	165	139408	41.869	nq #	84
51) Acenaphthene	9.90	154	467172	36.843	nq	99
52) 3-Nitroaniline	9.83	138	92064	23.713	nq	93
53) 2,4-Dinitrophenol	9.95	184	113113	66.325	nq	90
54) Dibenzofuran	10.07	168	685417	40.598	nq	98
55) 4-Nitrophenol	10.01	139	179664	54.728	nq	86
56) 2,4-Dinitrotoluene	10.07	165	171379	39.659	nq	94
57) Fluorene	10.42	166	555125	40.909	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	128301	43.458	nq	94
59) Diethylphthalate	10.29	149	587190	39.291	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	249327	40.903	nq	94
61) 4-Nitroaniline	10.45	138	156552	41.796	nq	86
62) Azobenzene	10.56	77	526418	38.309	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	83021	37.366	nq #	77
65) n-Nitrosodiphenylamine	10.53	169	502789	39.743	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	147451	41.251	nq	93
67) Hexachlorobenzene	10.96	284	149512	39.163	nq	96
68) Atrazine	11.05	200	158240	41.574	nq	98
69) Pentachlorophenol	11.16	266	130241	54.816	nq	99
70) Phenanthrene	11.38	178	794993	40.671	nq	99
71) Anthracene	11.43	178	836089	41.804	nq	98
72) Carbazole	11.59	167	770352	39.332	nq	99
73) Di-n-butylphthalate	11.90	149	925118	39.242	nq	98
74) Fluoranthene	12.57	202	821756	41.516	nq	98
76) Benzidine	12.69	184	244331	25.421	nq	98
77) Pyrene	12.80	202	846784	42.734	nq	100
79) Butylbenzylphthalate	13.40	149	392154	42.109	nq	90
80) Benzo(a)anthracene	13.99	228	655969	41.688	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	138736	24.051	nq	98
82) Chrysene	14.02	228	621120	41.461	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	523877	40.854	nq	99
84) Di-n-octyl phthalate	14.56	149	791110	38.314	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	432960	36.129	nq	96
87) Benzo(b)fluoranthene	15.03	252	502929	43.353	nq	98
88) Benzo(k)fluoranthene	15.06	252	486473	42.456	nq	99
89) Benzo(a)pyrene	15.40	252	452729	42.515	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	361905	42.467	nq	98
91) Benzo(g,h,i)perylene	17.38	276	382484	45.404	nq	96

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

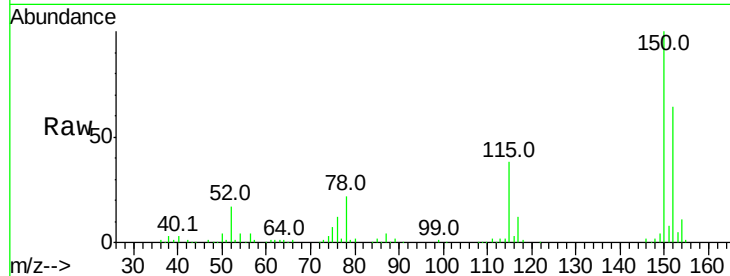


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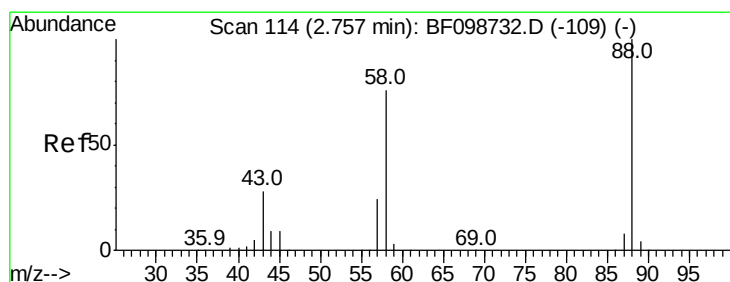
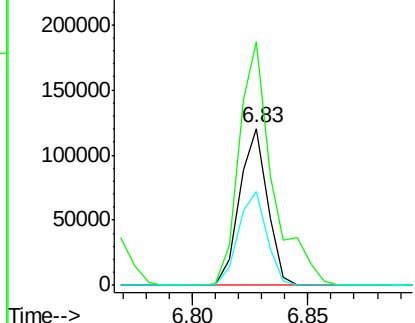
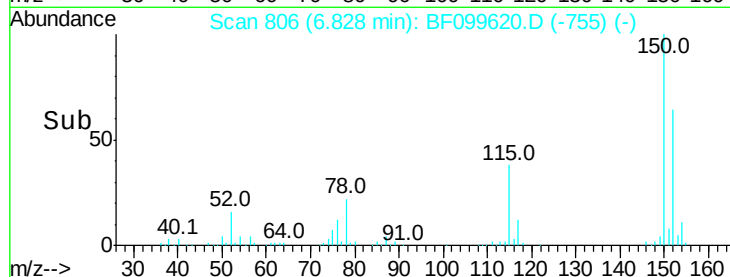
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101832
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 59.7 50.1 75.1



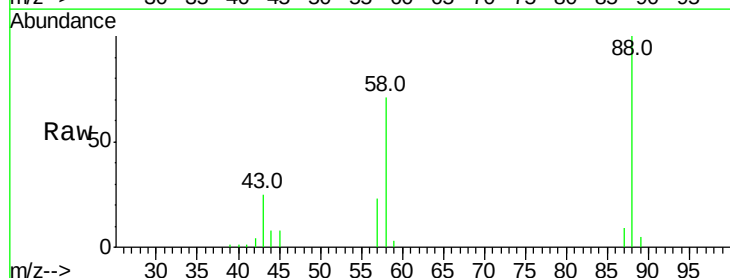
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



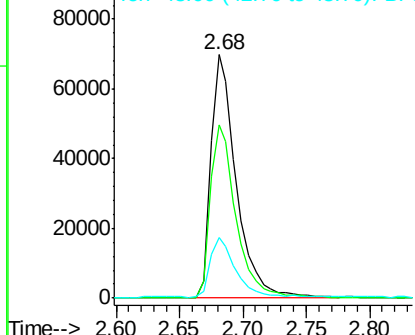
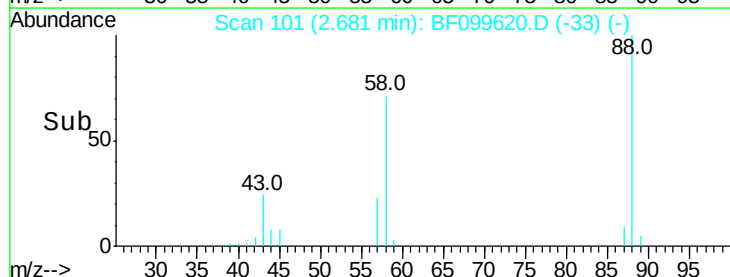
#2

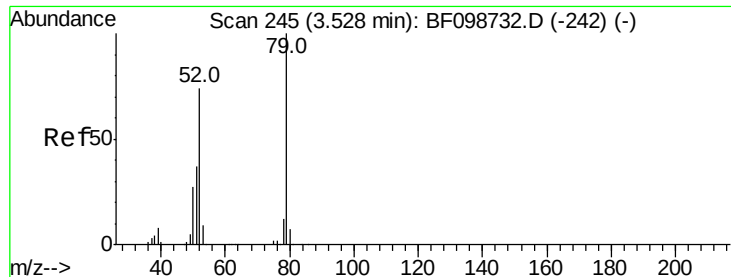
1,4-Dioxane
Concen: 32.101 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.10 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion: 88 Resp: 98091
Ion Ratio Lower Upper
88 100
58 72.5 62.6 93.8
43 26.1 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 32.415 ng

RT: 3.45 min Scan# 232

Delta R.T. 0.10 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

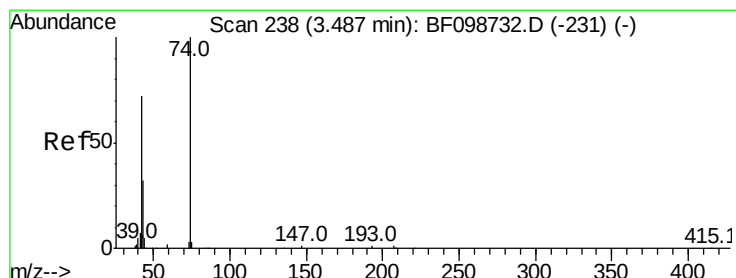
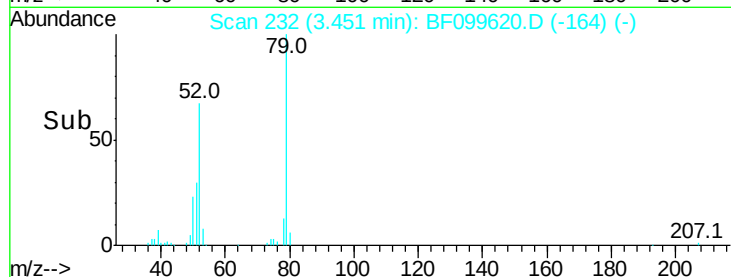
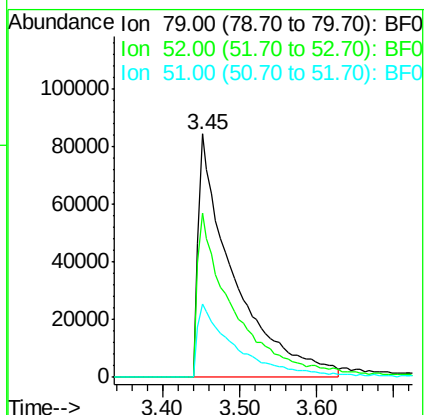
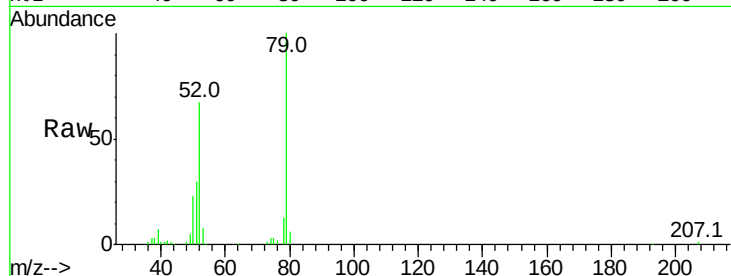
Tot Ion: 79 Resp: 267953

Ion Ratio Lower Upper

79 100

52 67.3 59.8 89.6

51 29.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 30.663 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.09 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

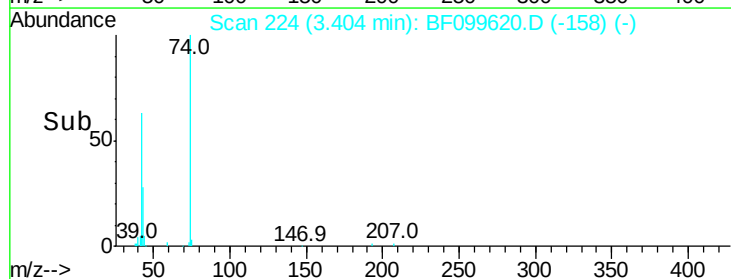
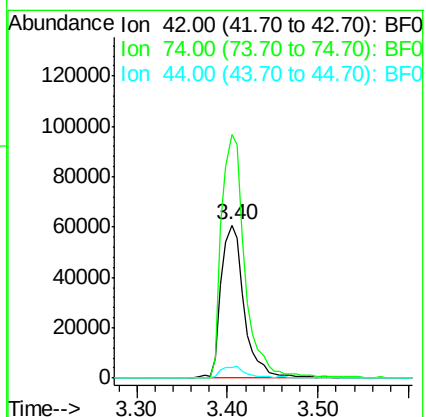
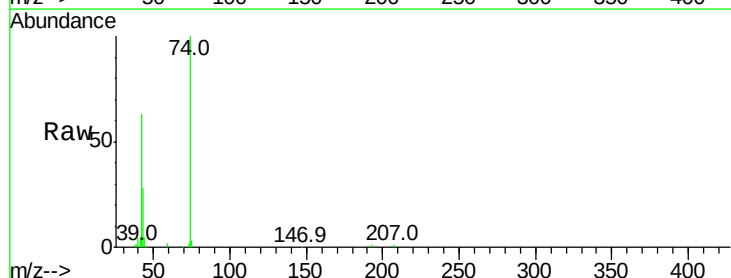
Tgt Ion: 42 Resp: 107483

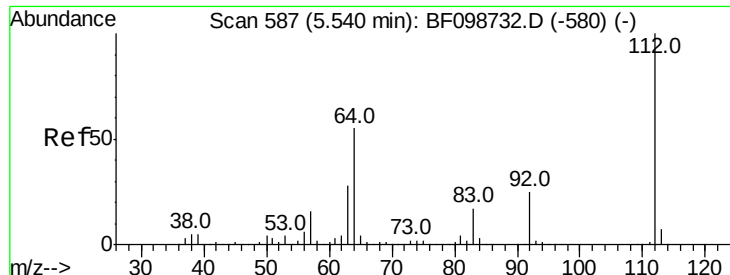
Ion Ratio Lower Upper

42 100

74 158.8 104.9 157.3#

44 7.2 6.9 10.3

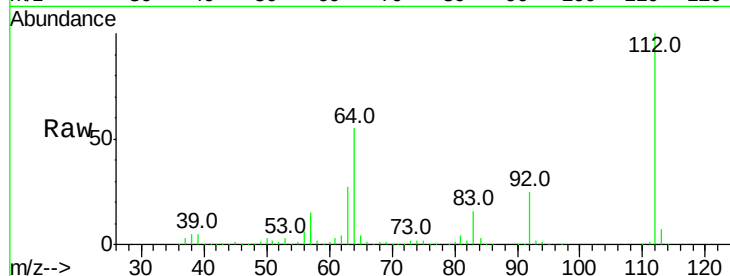




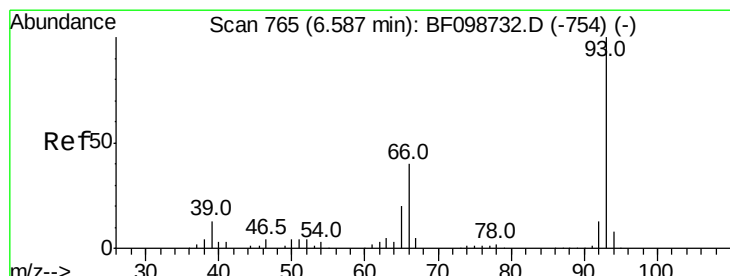
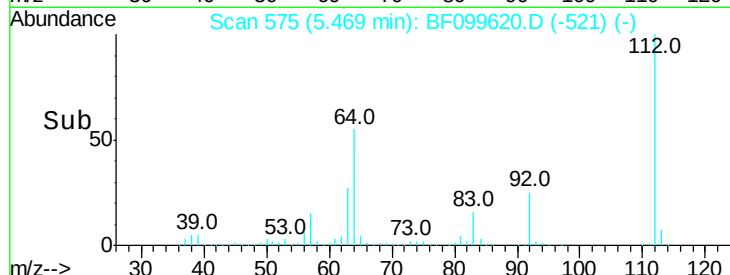
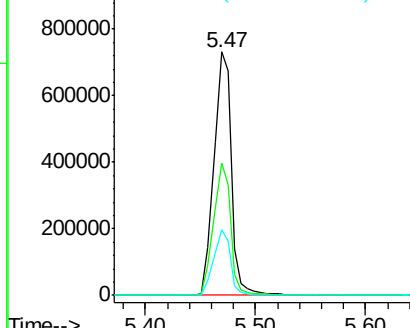
#5
2-Fluorophenol
Concen: 124.582 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:112 Resp: 796938
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 26.9 23.7 35.5

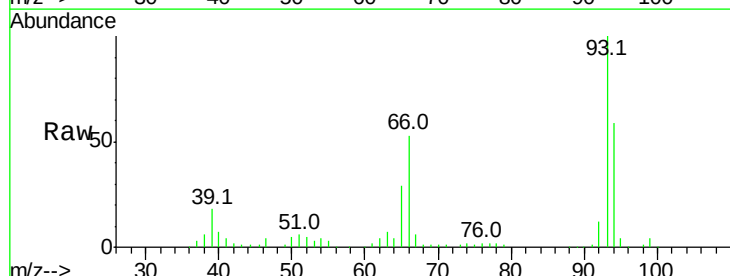


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

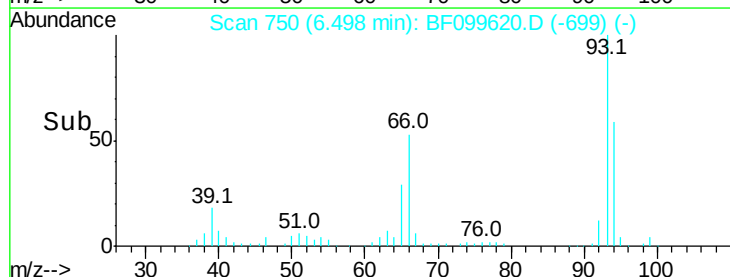
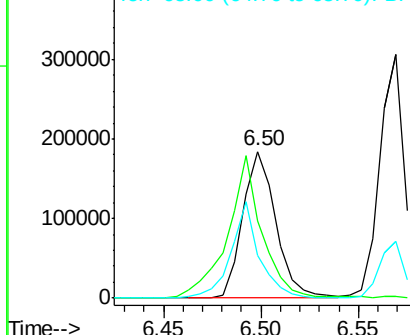


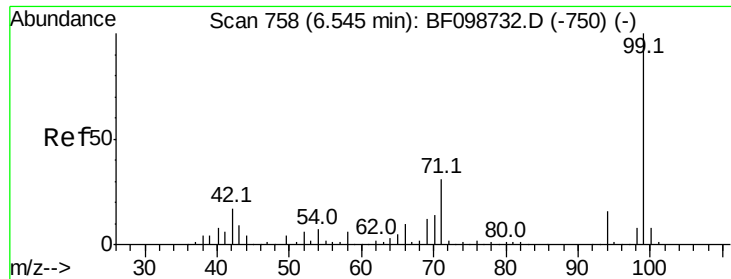
#6
Aniline
Concen: 20.403 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion: 93 Resp: 217299
Ion Ratio Lower Upper
93 100
66 53.0 32.2 48.2#
65 29.0 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: 120.904 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampled :

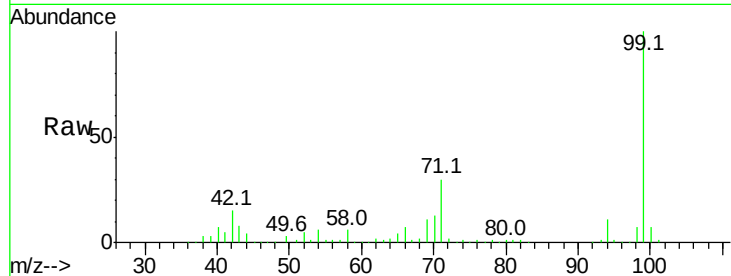
Tot Ion: 99 Resp: 954083

Ion Ratio Lower Upper

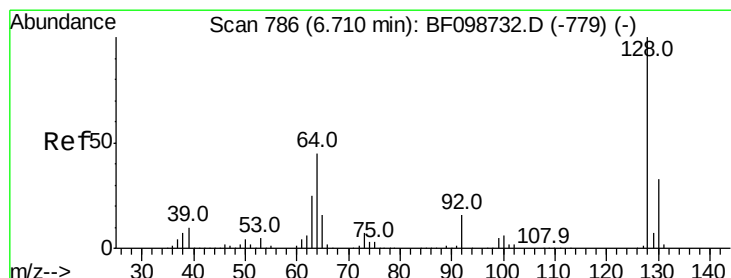
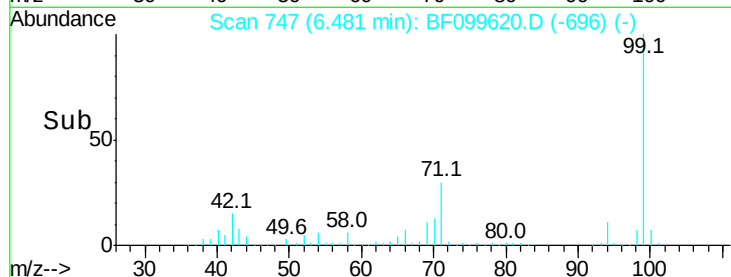
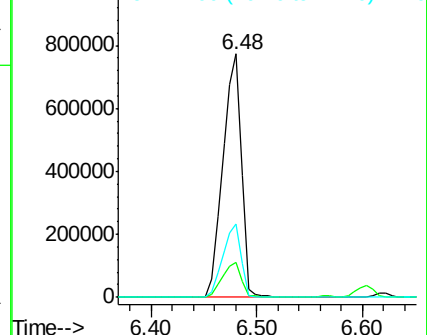
99 100

42 14.5 14.5 21.7

71 30.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 38.844 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

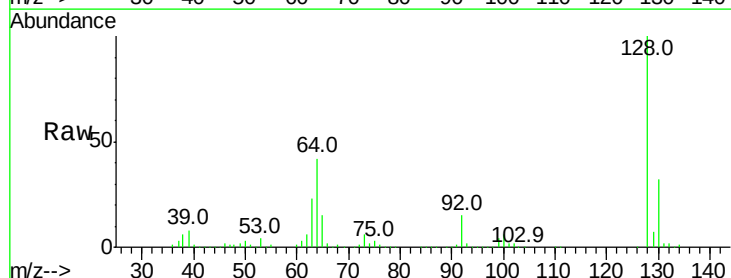
Tgt Ion:128 Resp: 281397

Ion Ratio Lower Upper

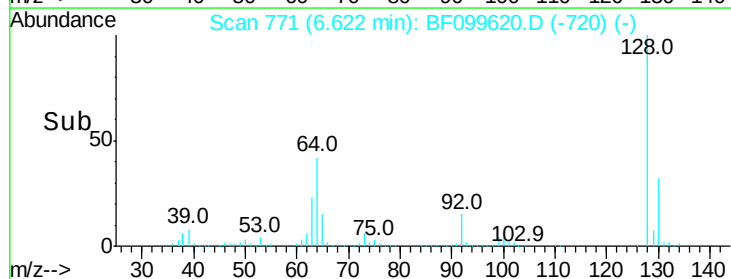
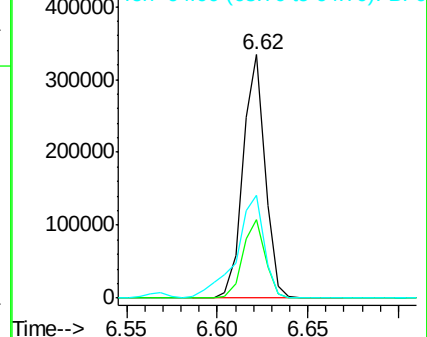
128 100

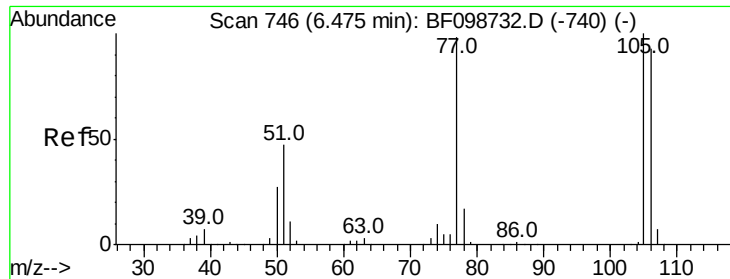
130 32.3 13.0 53.0

64 42.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.542 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

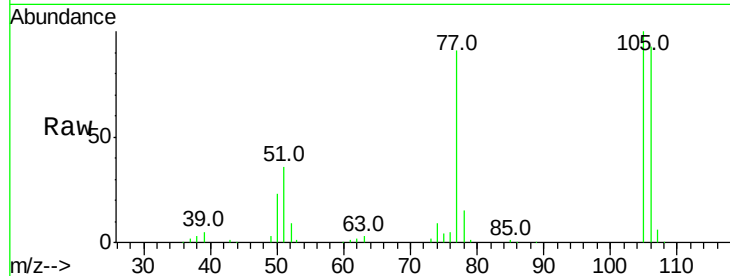
Tot Ion: 77 Resp: 80300

Ion Ratio Lower Upper

77 100

105 110.4 81.1 121.1

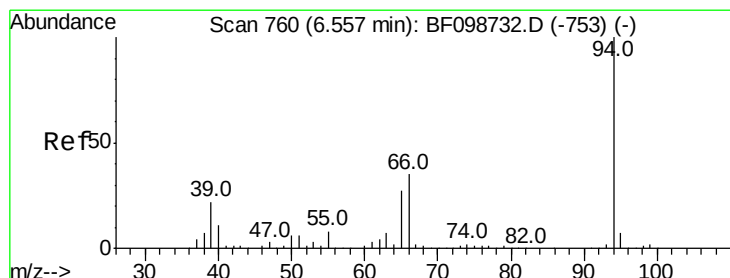
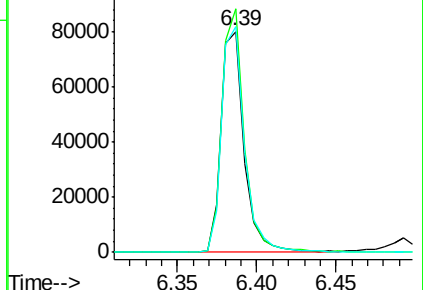
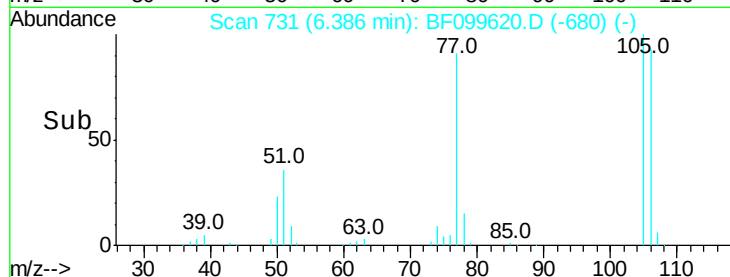
106 102.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.943 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

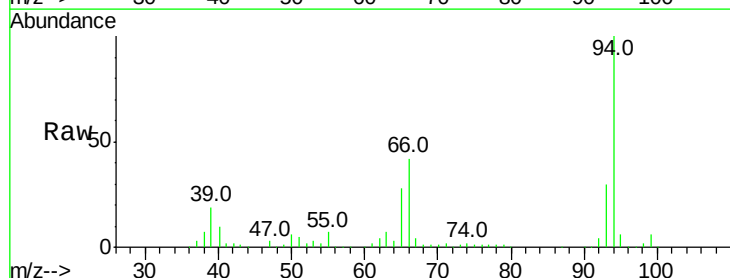
Tgt Ion: 94 Resp: 334865

Ion Ratio Lower Upper

94 100

65 28.3 7.9 47.9

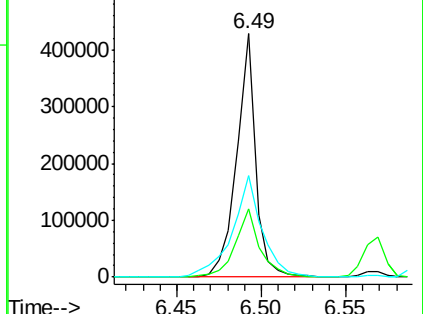
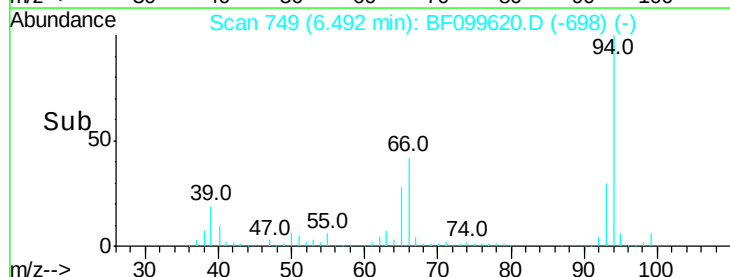
66 41.7 16.2 56.2

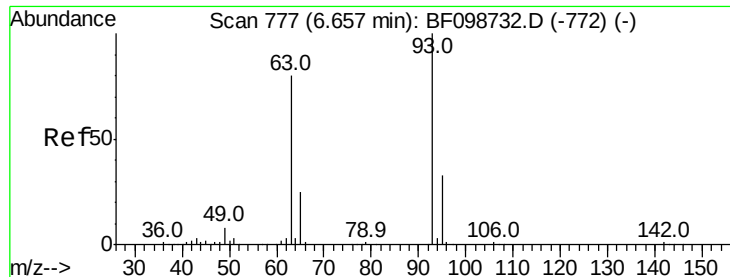


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.976 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

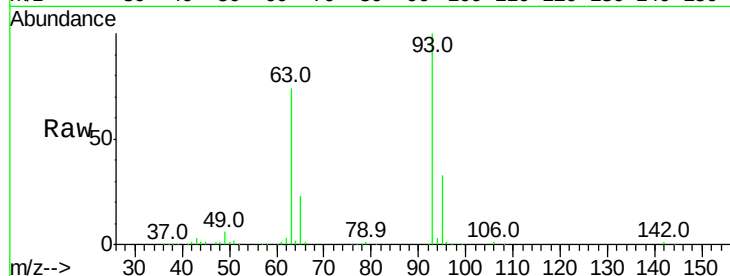
Tot Ion: 93 Resp: 267412

Ion Ratio Lower Upper

93 100

63 73.5 58.6 98.6

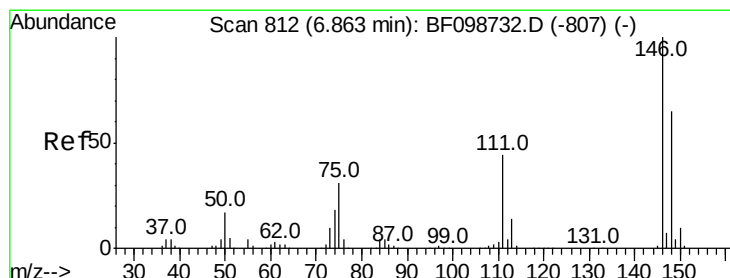
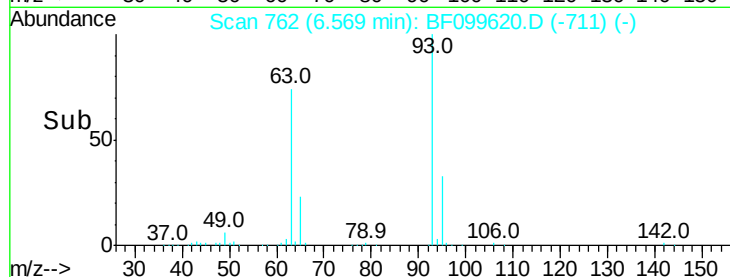
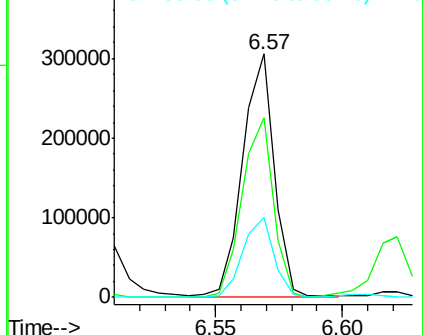
95 33.0 11.8 51.8



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: 39.654 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

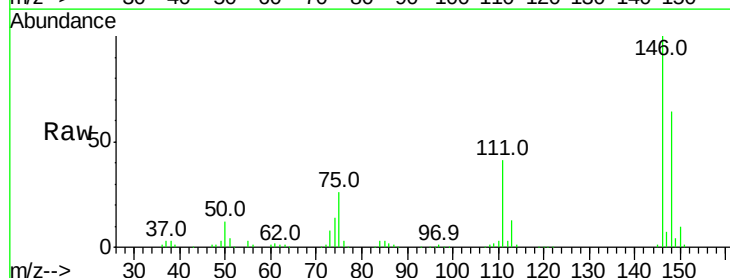
Tgt Ion: 146 Resp: 300845

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

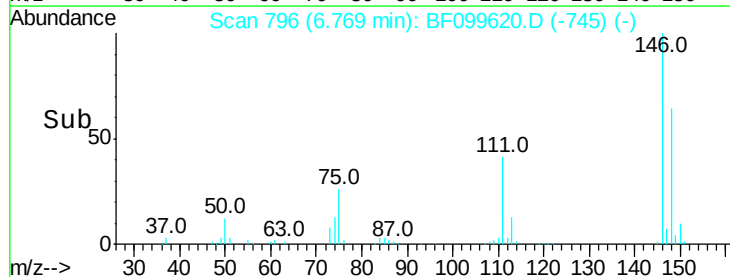
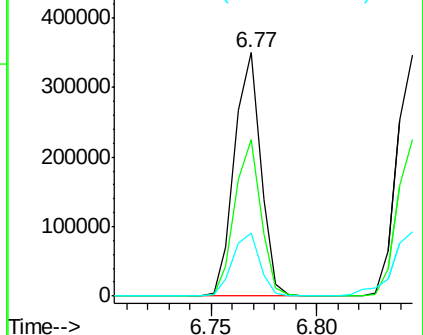
75 25.9 24.2 36.4

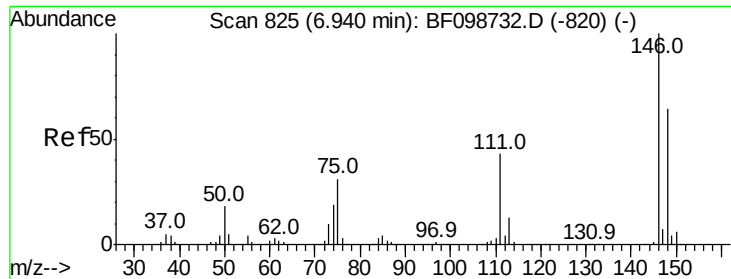


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

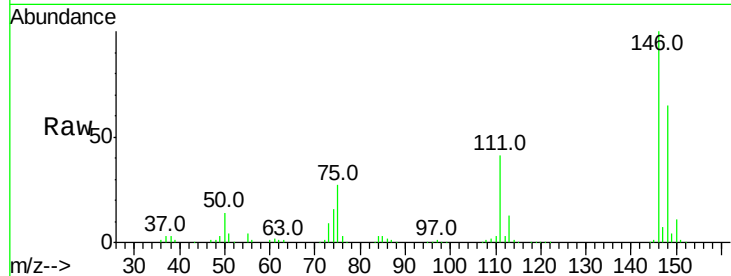




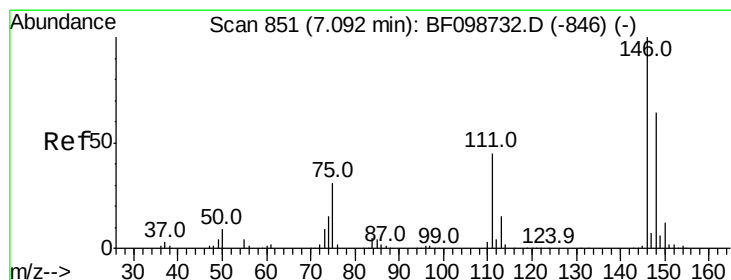
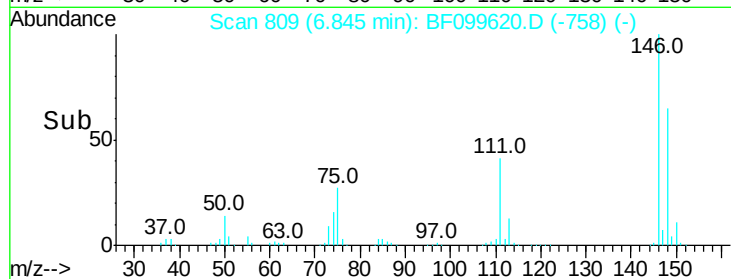
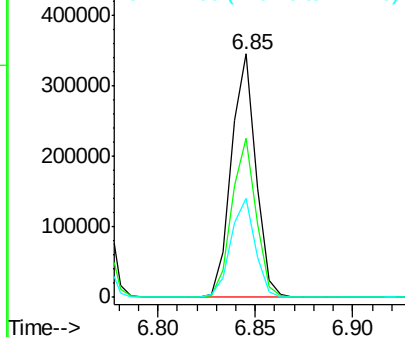
#13
 1,4-Dichlorobenzene
 Concen: 39.080 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 301656
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.8 76.2
 111 40.7 34.2 51.2

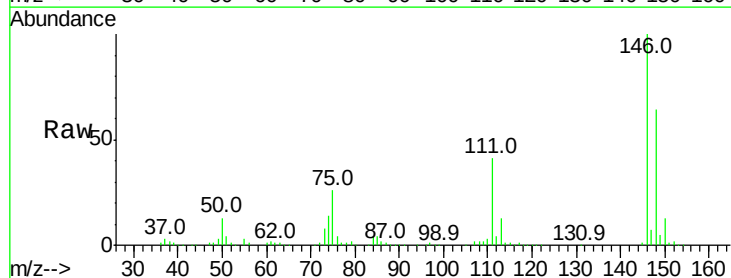


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

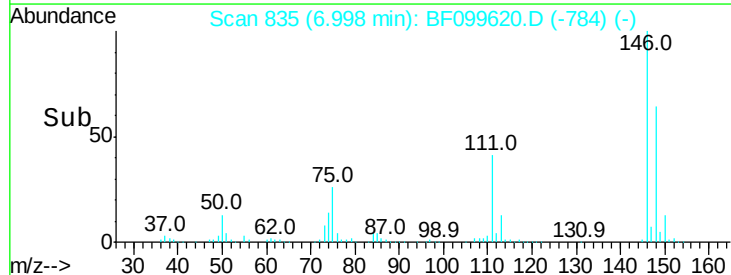
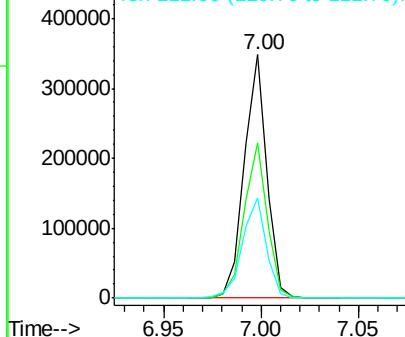


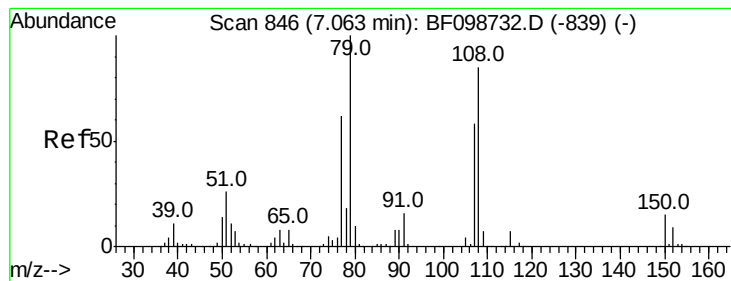
#14
 1,2-Dichlorobenzene
 Concen: 39.143 ng
 RT: 7.00 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:146 Resp: 279184
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 41.4 36.0 54.0



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





#15

Benzyl Alcohol

Concen: 34.911 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampled :

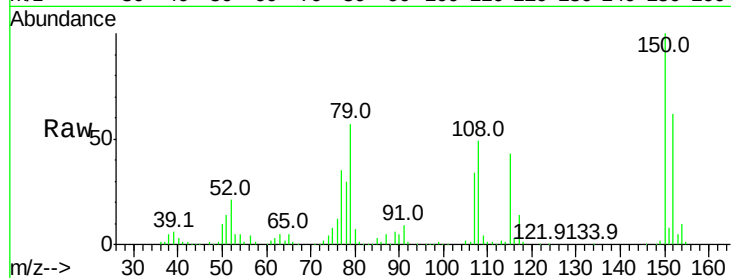
Tot Ion: 79 Resp: 202105

Ion Ratio Lower Upper

79 100

108 84.9 65.1 97.7

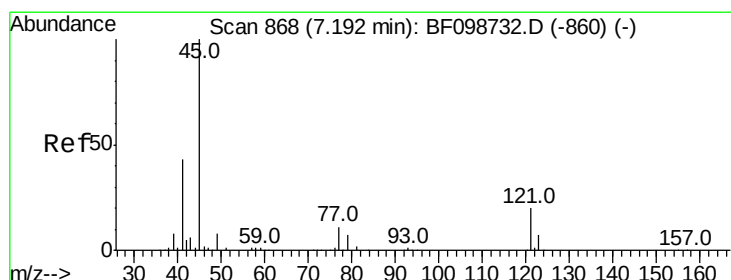
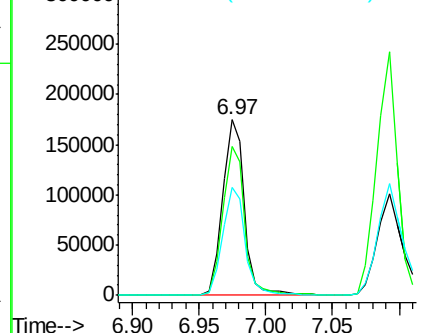
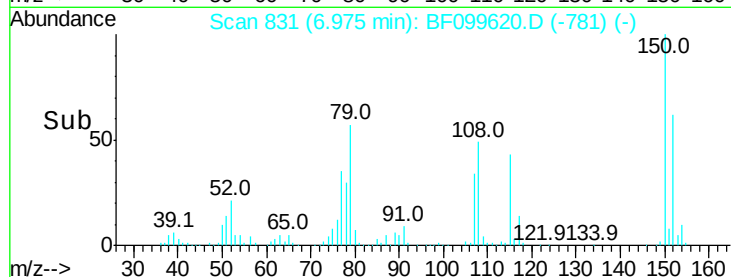
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.746 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

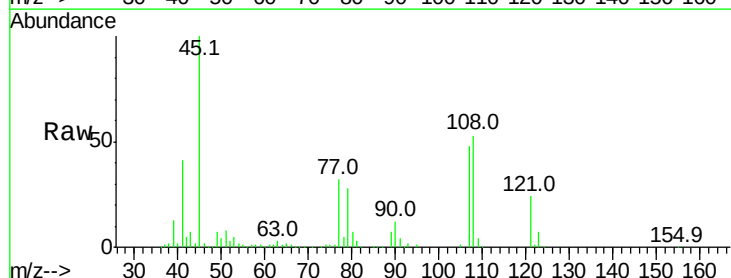
Tgt Ion: 45 Resp: 339344

Ion Ratio Lower Upper

45 100

77 31.7 0.0 32.9

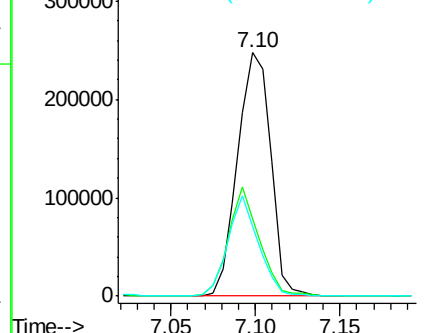
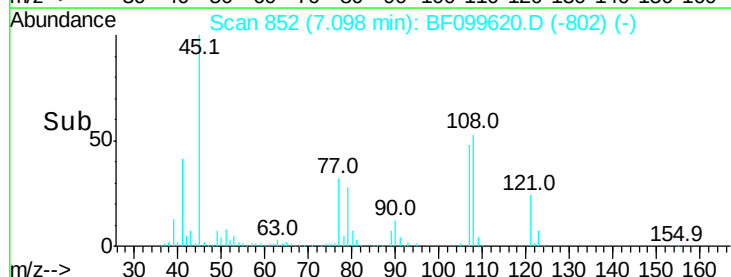
79 28.4 0.0 29.6

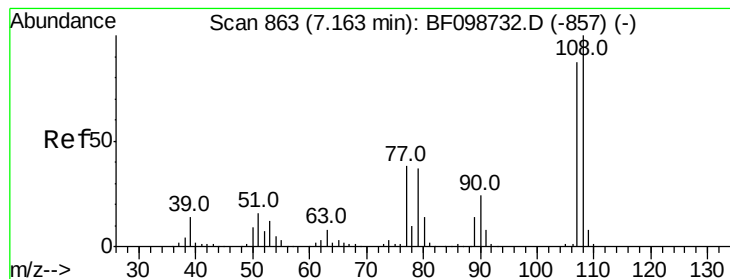


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

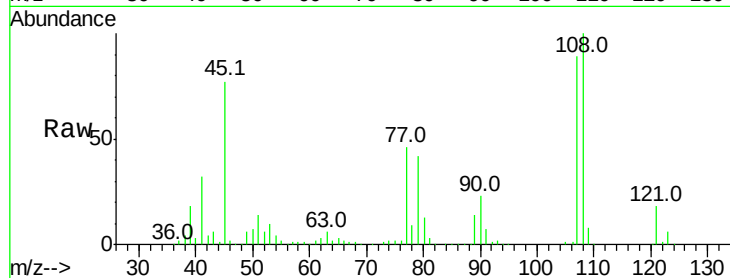




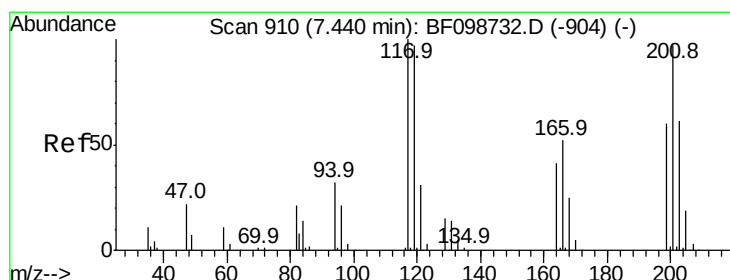
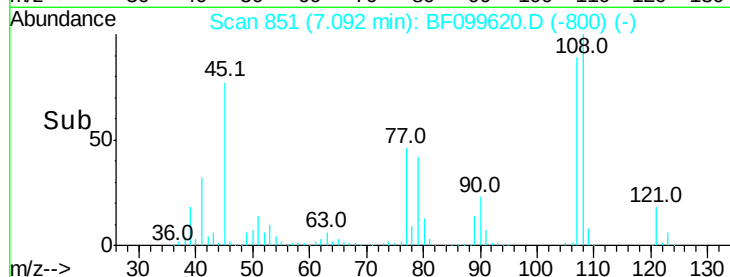
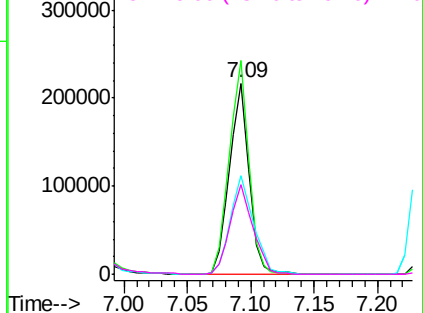
#17
2-Methylphenol
Concen: 39.166 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 232155
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 51.4 33.8 50.8#
79 46.9 33.8 50.8

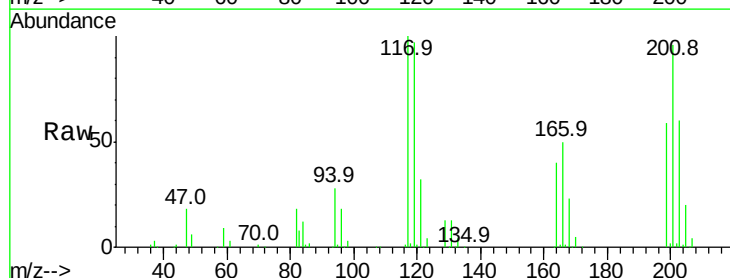


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

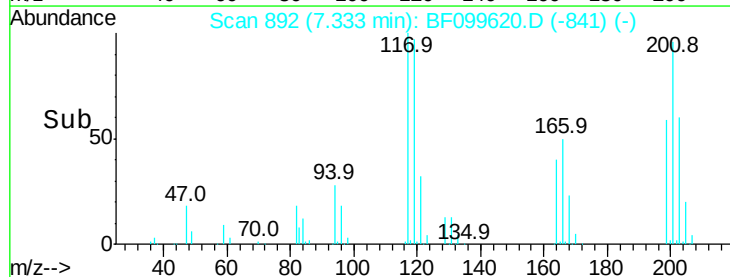
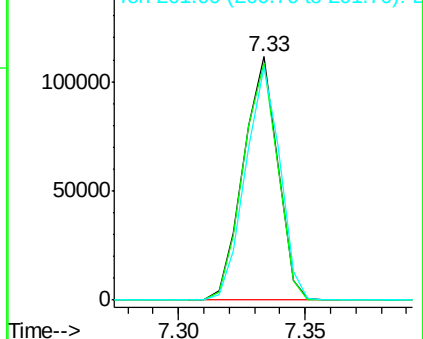


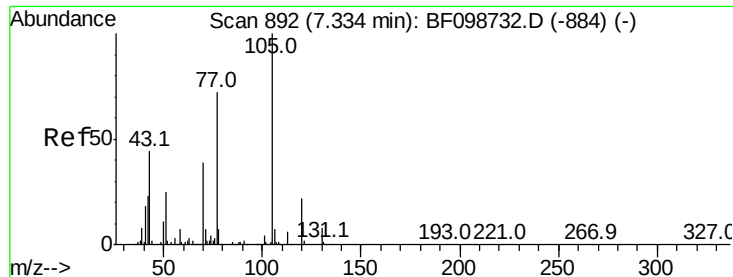
#18
Hexachloroethane
Concen: 37.778 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:117 Resp: 104816
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 96.1 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

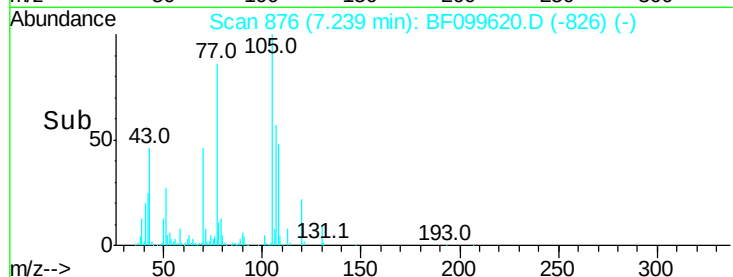
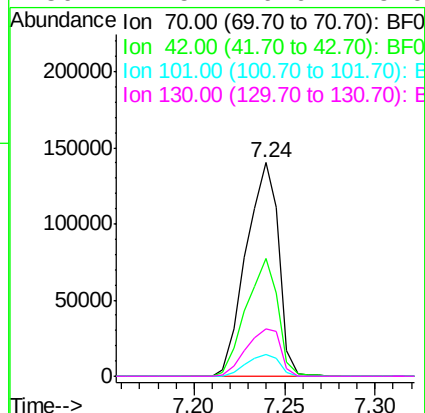
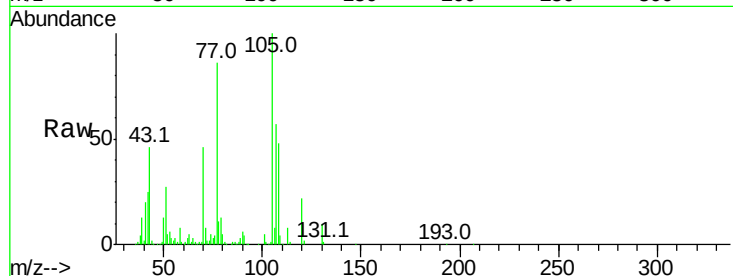




#19
n-Nitroso-di-n-propylamine
Concen: 34.640 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

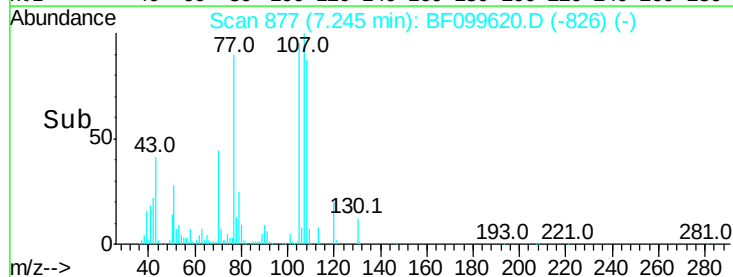
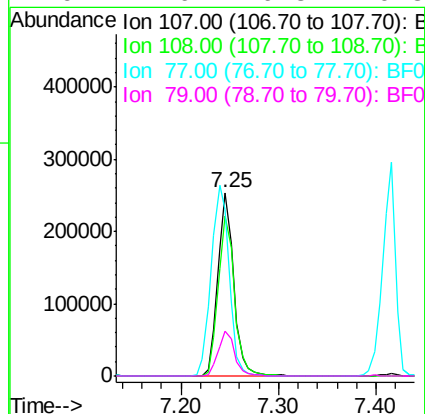
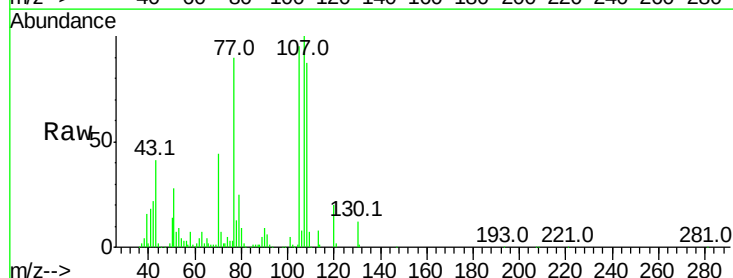
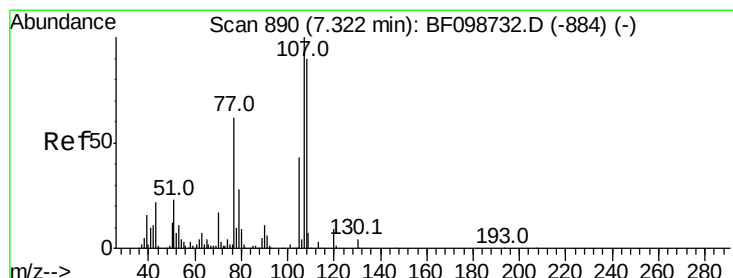
Instrument :
BNA_F
ClientSampleId :

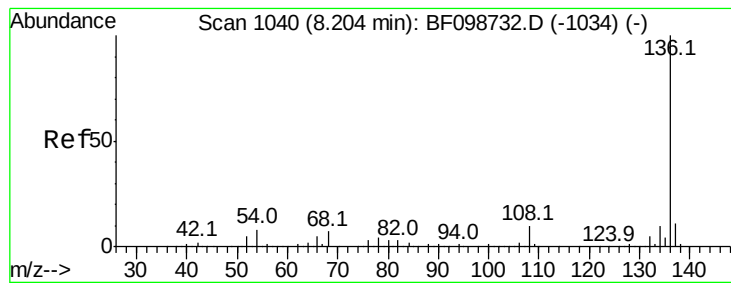
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.1	47.5	71.3
101	10.4	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 38.330 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.3	68.2	108.2
77	90.4	26.7	66.7#
79	24.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 431200

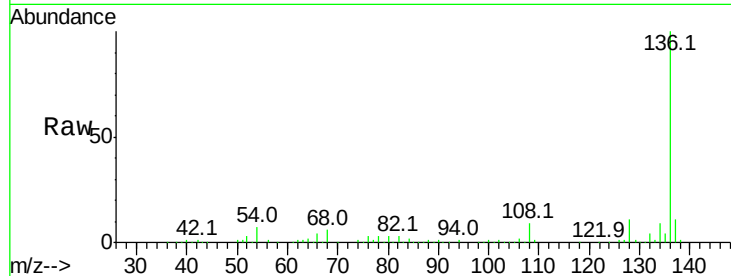
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.6 9.8

68 5.5 5.0 7.4

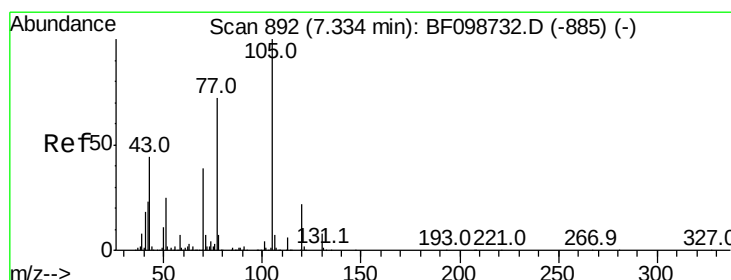
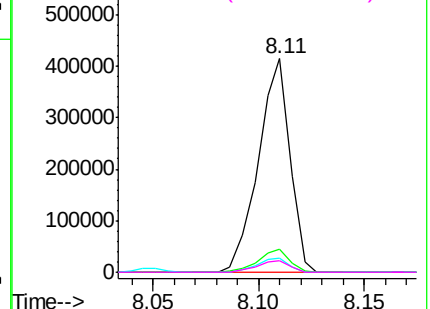
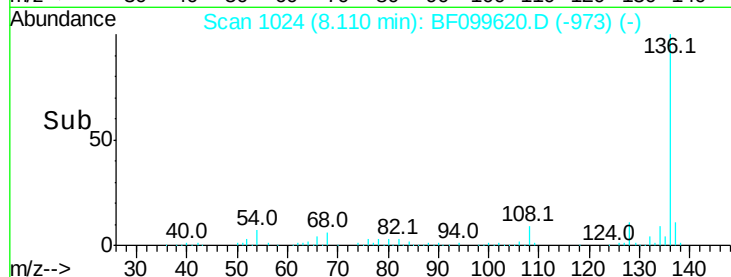


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.380 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Tgt Ion:105 Resp: 369621

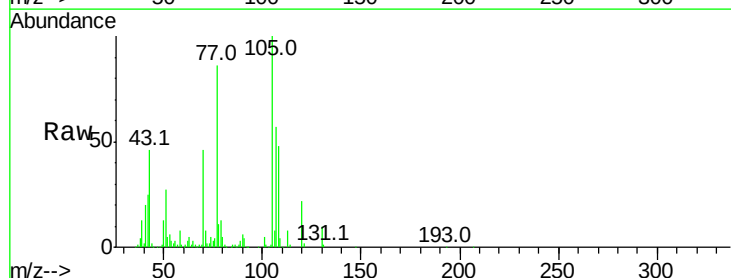
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 27.4 22.3 33.5

120 21.7 16.9 25.3

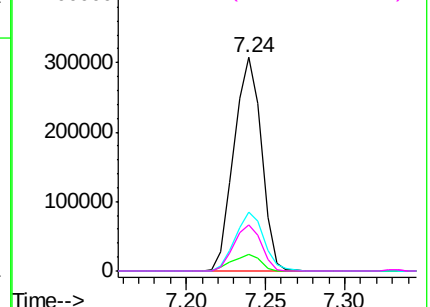
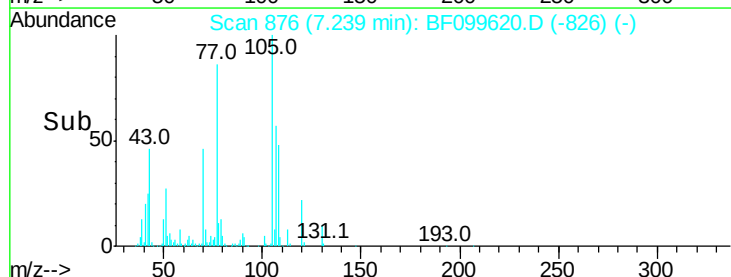


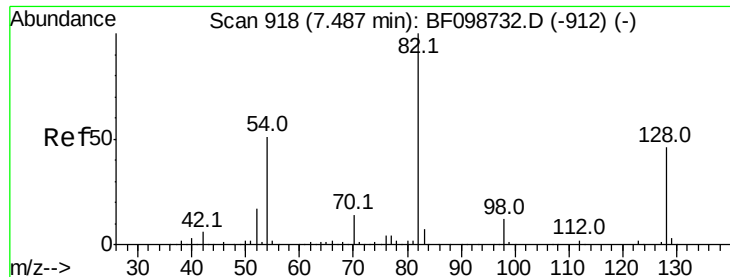
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

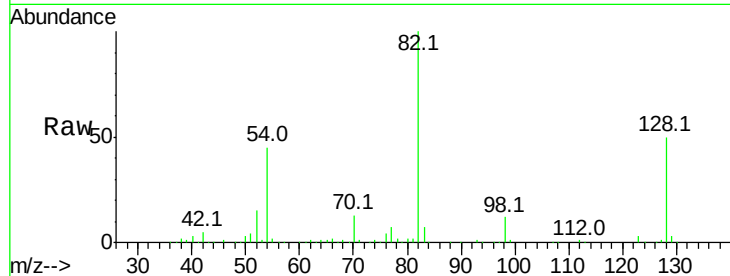




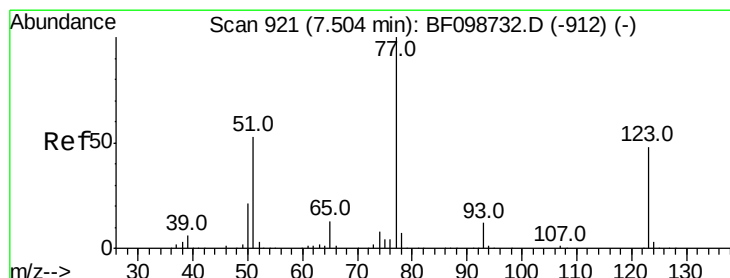
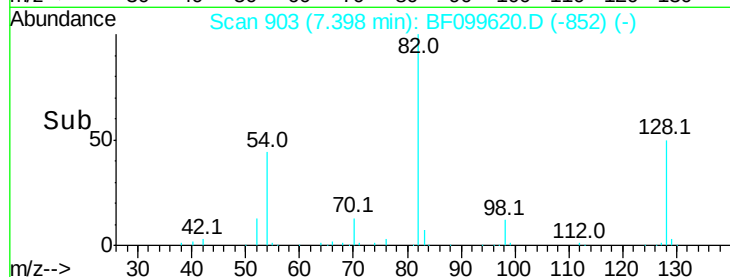
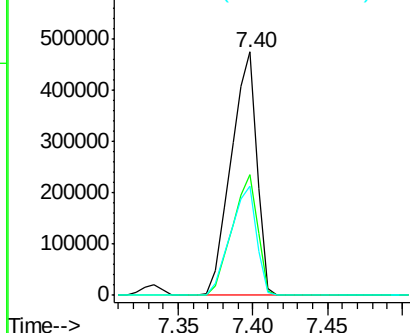
#23
 Nitrobenzene-d5
 Concen: 85.453 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 574568
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 44.7 41.4 62.2

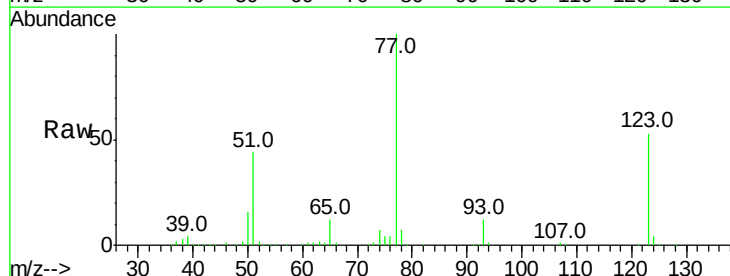


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

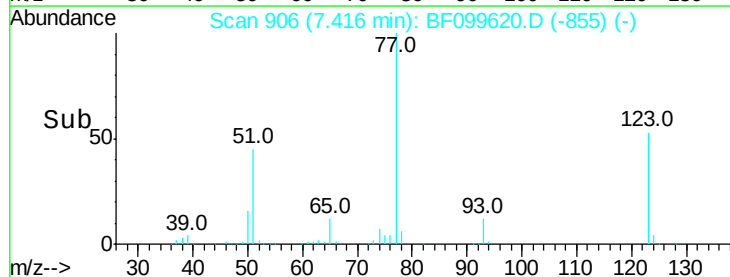
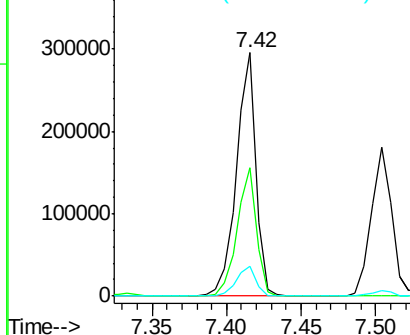


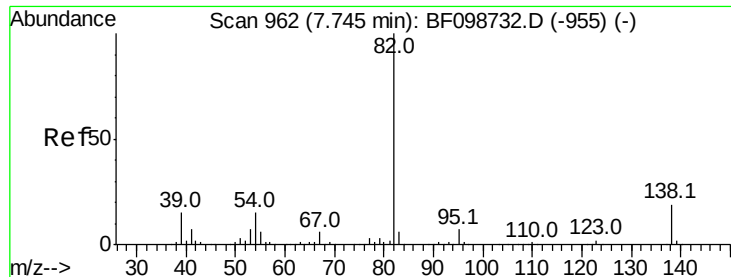
#24
 Nitrobenzene
 Concen: 35.634 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion: 77 Resp: 271789
 Ion Ratio Lower Upper
 77 100
 123 52.9 37.9 56.9
 65 12.2 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.064 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

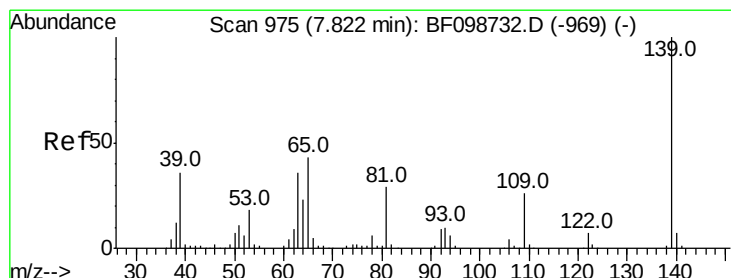
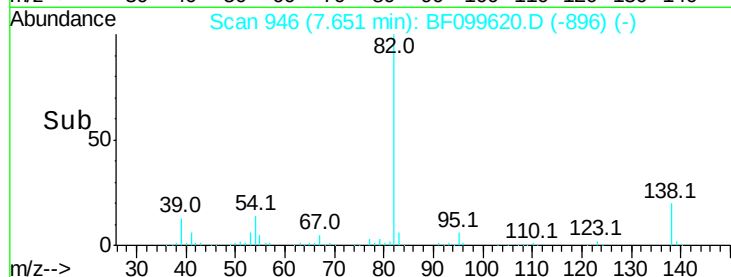
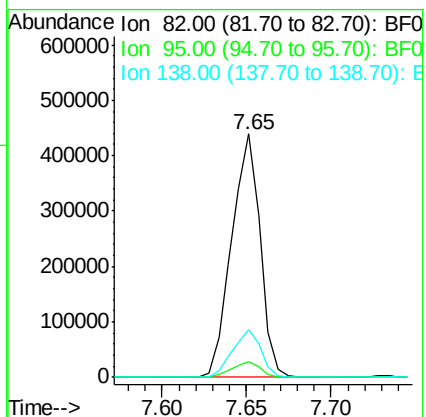
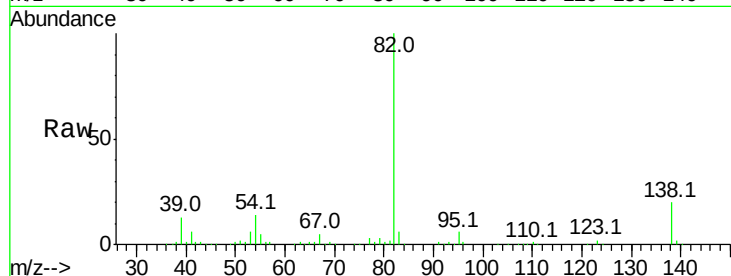
Tot Ion: 82 Resp: 515245

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.5 14.9 22.3



#26

2-Nitrophenol

Concen: 44.756 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

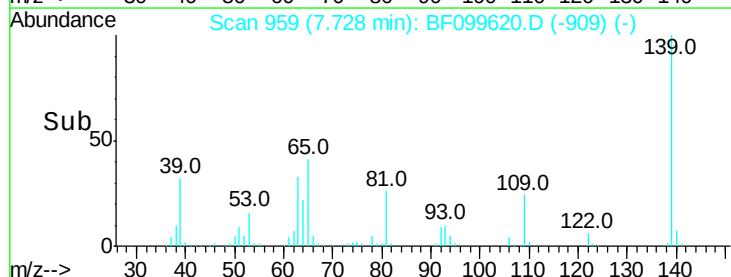
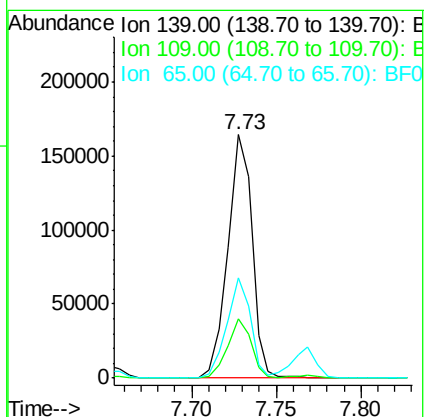
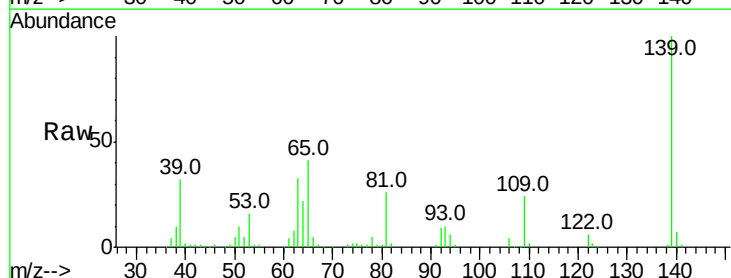
Tgt Ion: 139 Resp: 164155

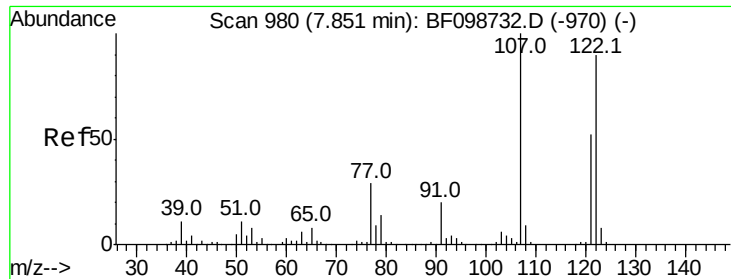
Ion Ratio Lower Upper

139 100

109 24.2 22.7 34.1

65 41.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 37.199 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

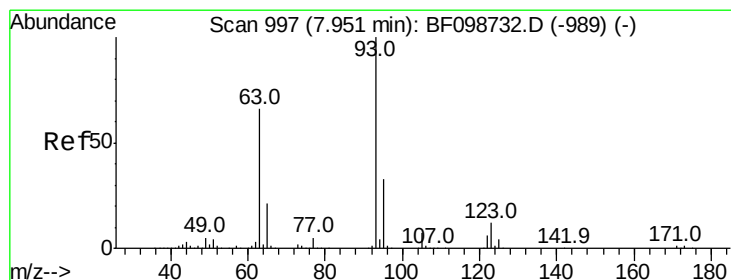
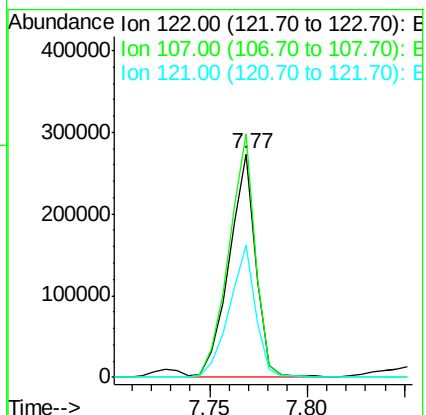
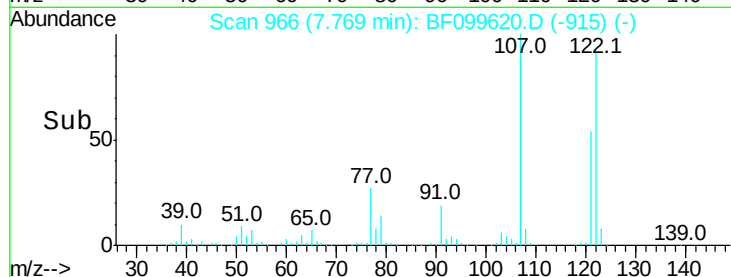
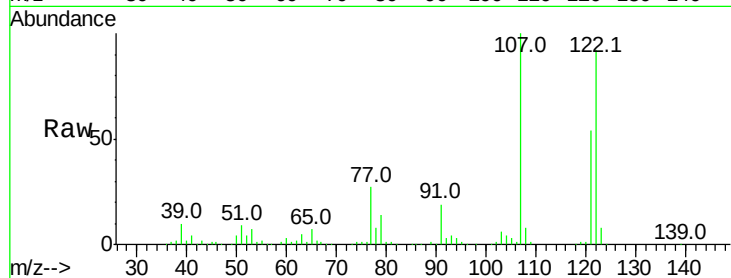
Tot Ion:122 Resp: 257665

Ion Ratio Lower Upper

122 100

107 108.9 91.2 136.8

121 59.3 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.677 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

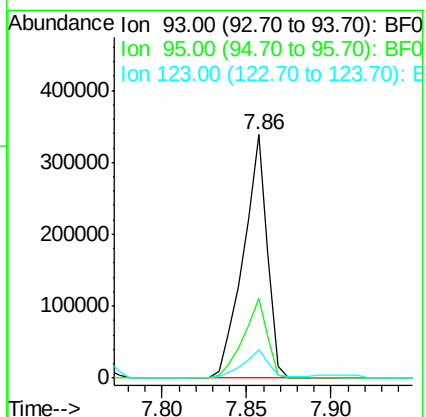
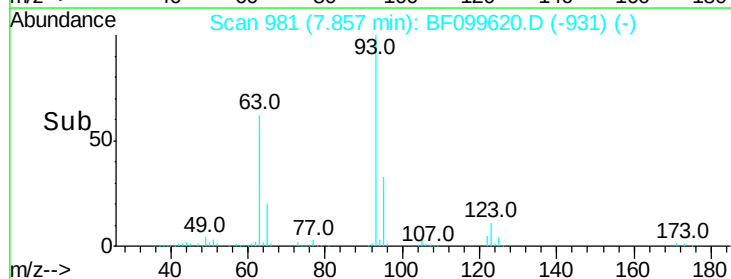
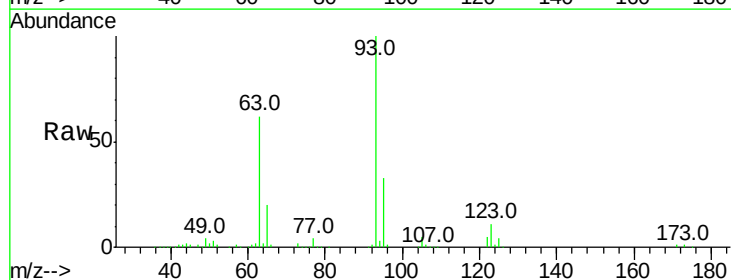
Tgt Ion: 93 Resp: 335068

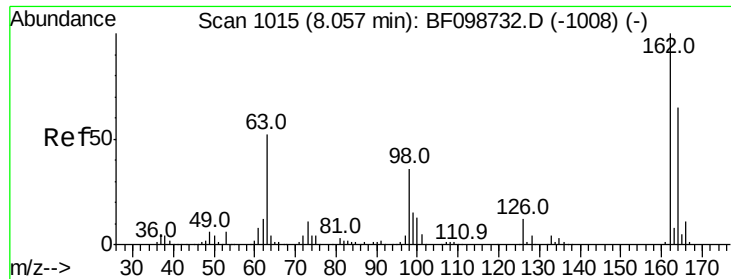
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 11.5 9.8 14.6

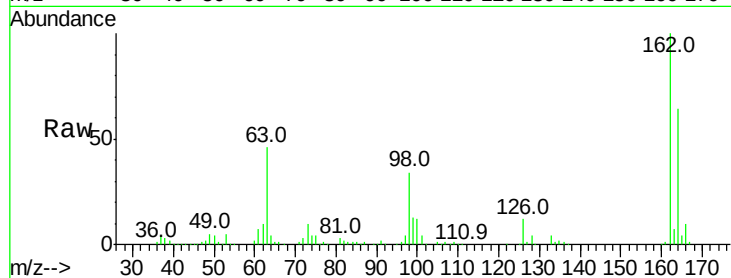




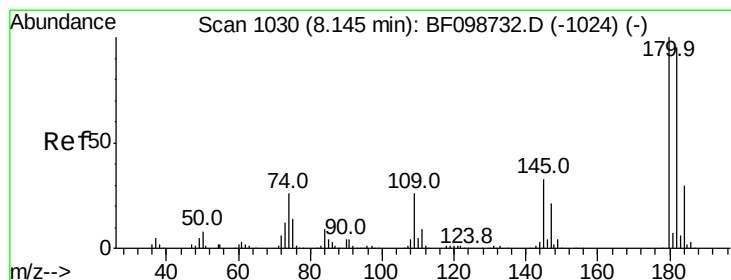
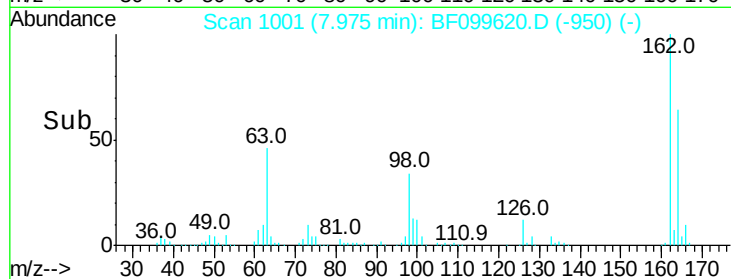
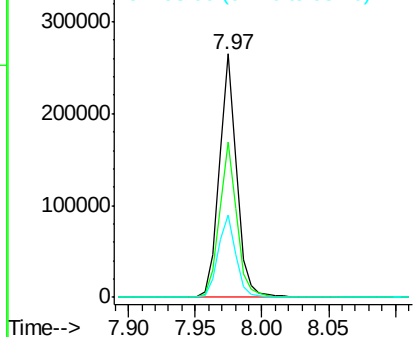
#29
 2,4-Dichlorophenol
 Concen: 41.169 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.7	82.7
98	33.8	18.1	58.1

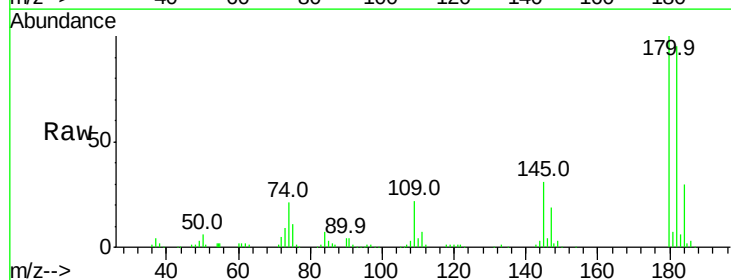


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

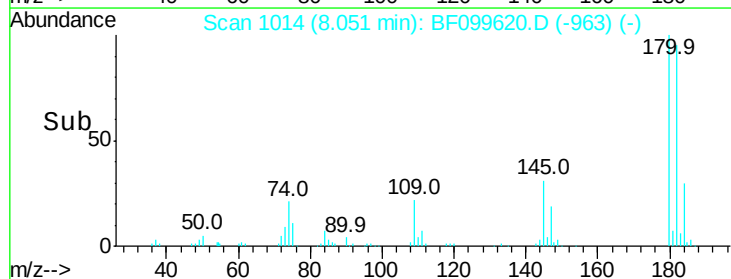
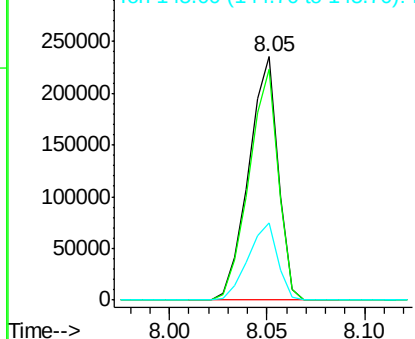


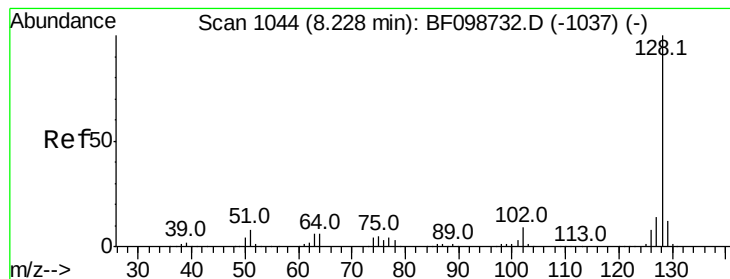
#30
 1,2,4-Trichlorobenzene
 Concen: 41.270 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	31.5	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: 39.887 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

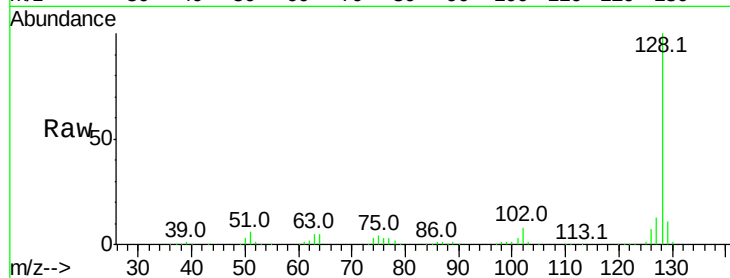
Tot Ion:128 Resp: 807776

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

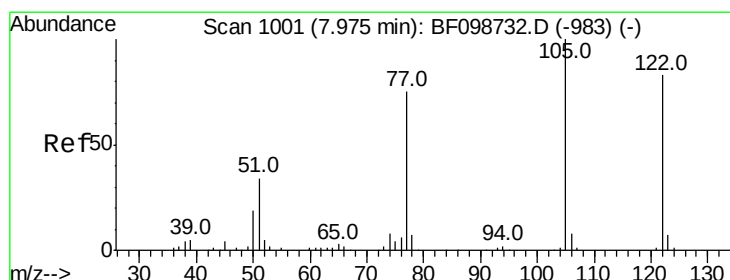
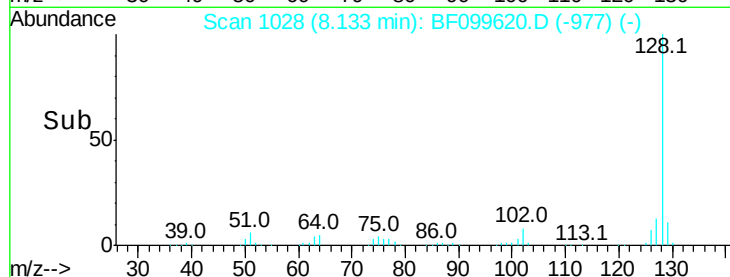
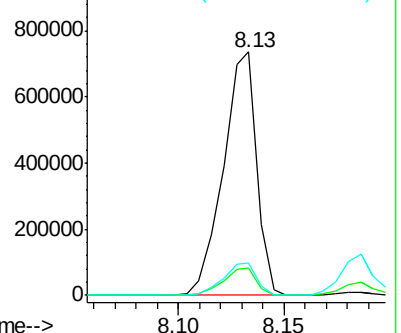
127 13.3 10.9 16.3



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: 28.198 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

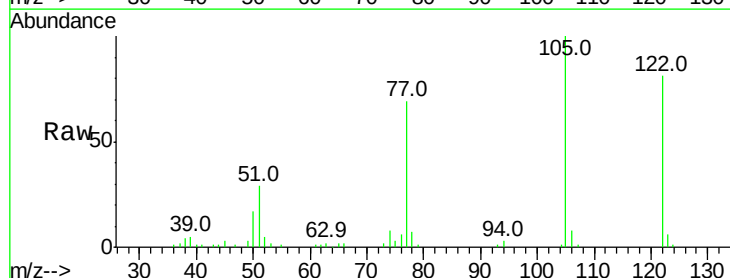
Tgt Ion:122 Resp: 160438

Ion Ratio Lower Upper

122 100

105 123.3 101.1 141.1

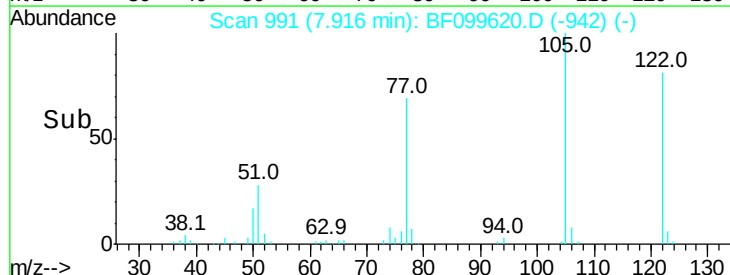
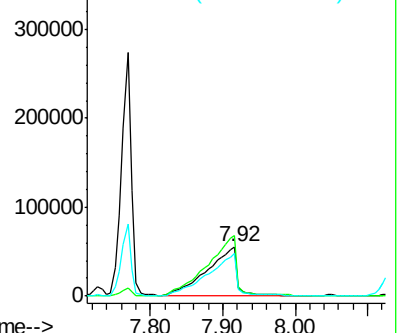
77 85.6 70.7 110.7

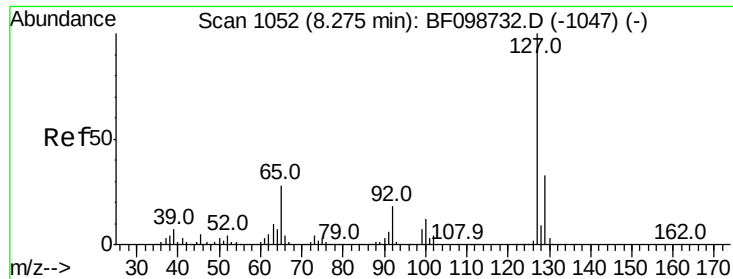


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

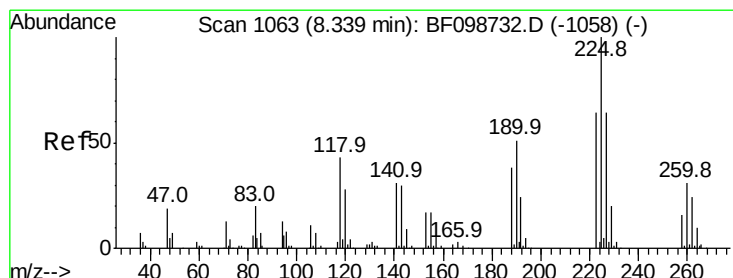
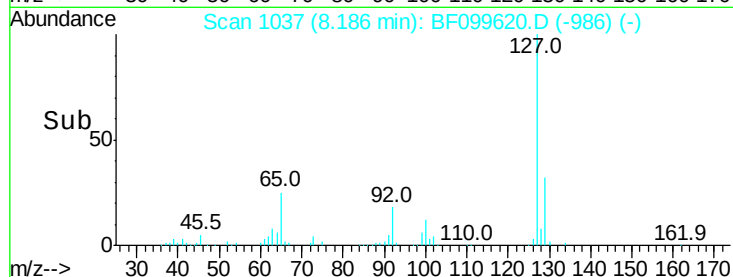
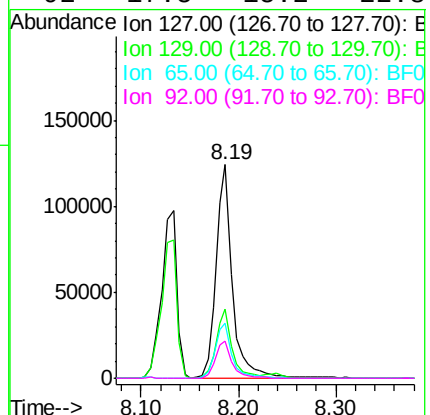
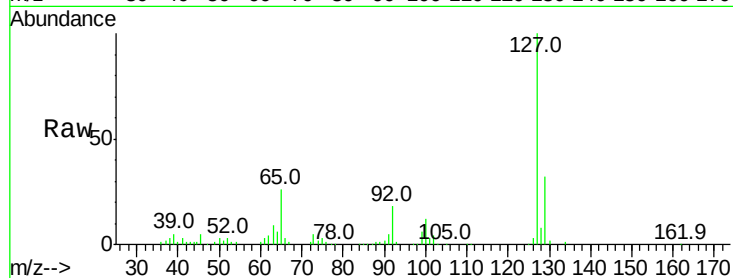




#33
4-Chloroaniline
Concen: 17.025 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

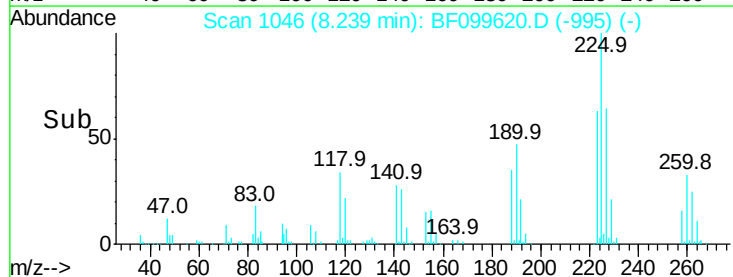
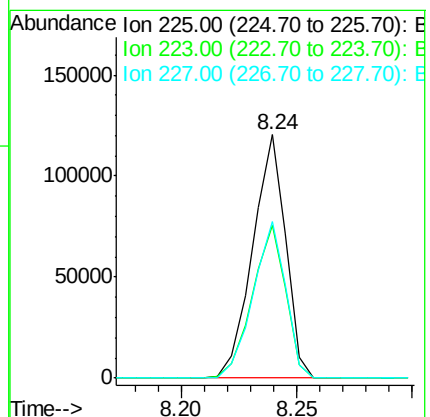
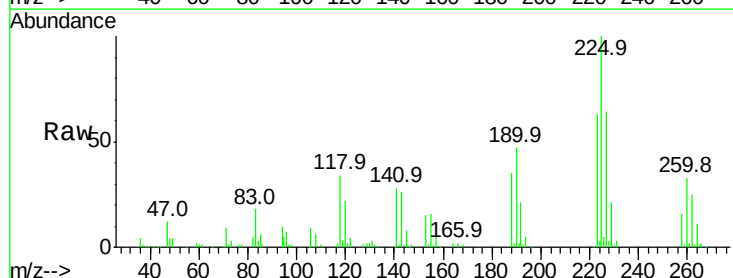
Instrument :
BNA_F
ClientSampleId :

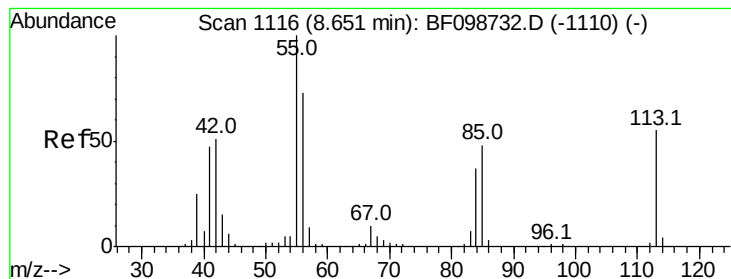
Tot Ion:	127	Resp:	143981
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.9	38.9
65	25.7	25.0	37.4
92	17.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.161 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:	225	Resp:	119975
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.3	51.9	77.9





#35

Caprolactam

Concen: 2.569 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampled :

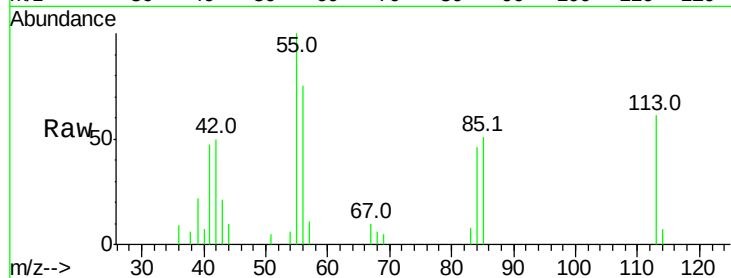
Tot Ion:113 Resp: 4901

Ion Ratio Lower Upper

113 100

55 165.2 163.3 203.3

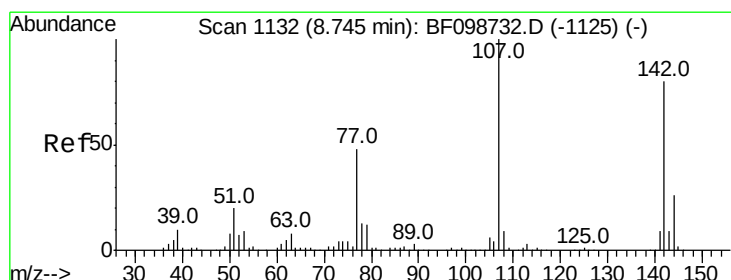
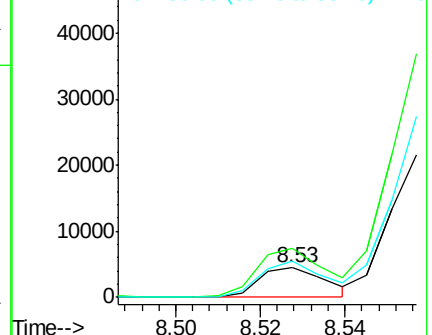
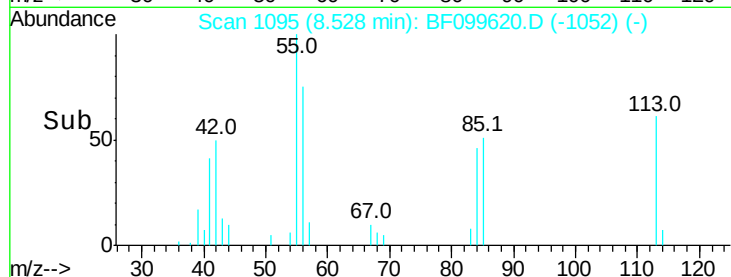
56 123.4 115.7 155.7



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: 37.277 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

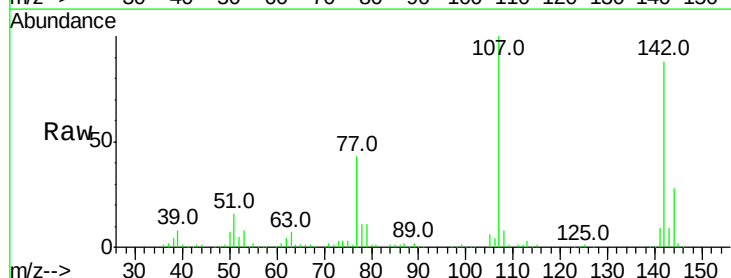
Tgt Ion:107 Resp: 249175

Ion Ratio Lower Upper

107 100

144 27.9 20.5 30.7

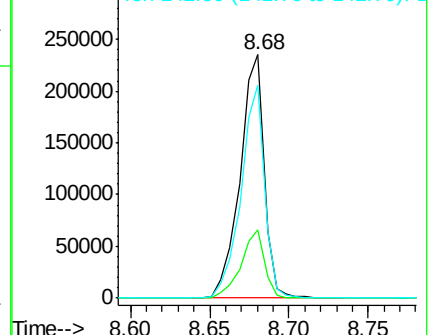
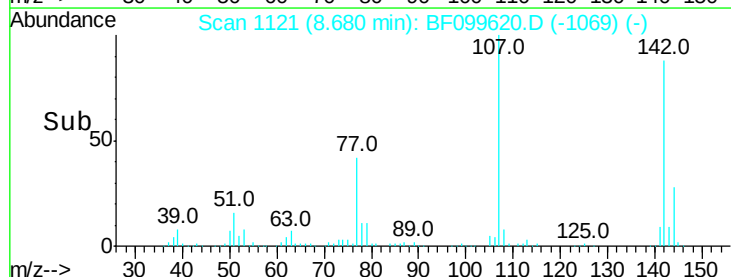
142 87.7 62.0 93.0

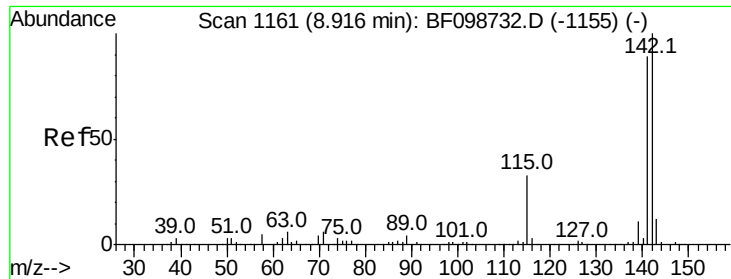


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

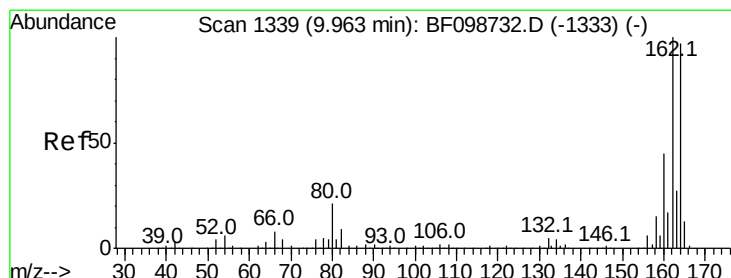
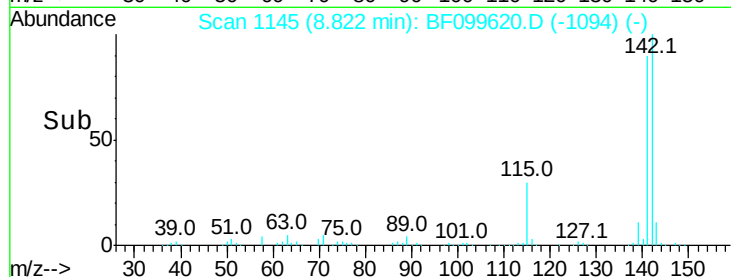
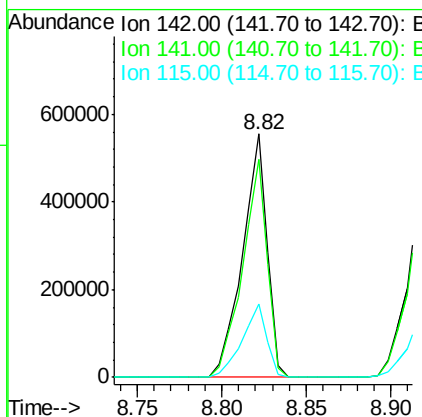
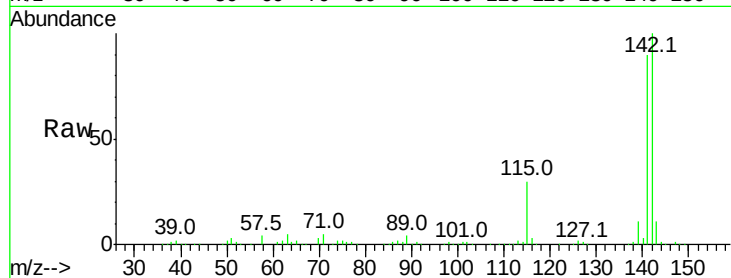




#37
 2-Methylnaphthalene
 Concen: 42.991 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

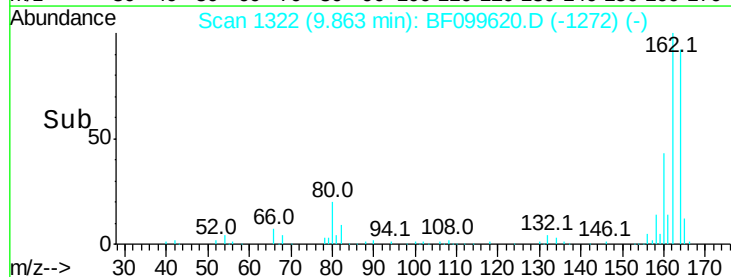
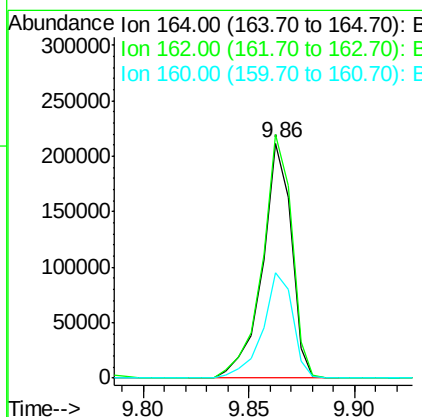
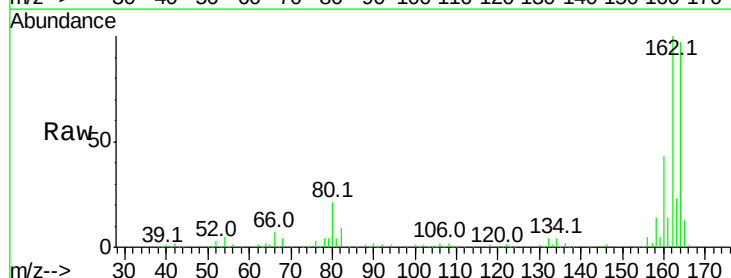
Instrument :
 BNA_F
 ClientSampleId :

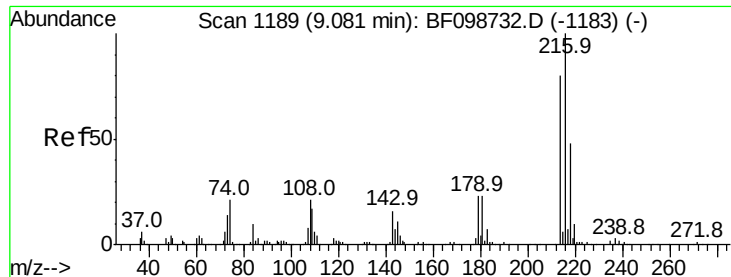
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	30.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.7	38.3	57.5

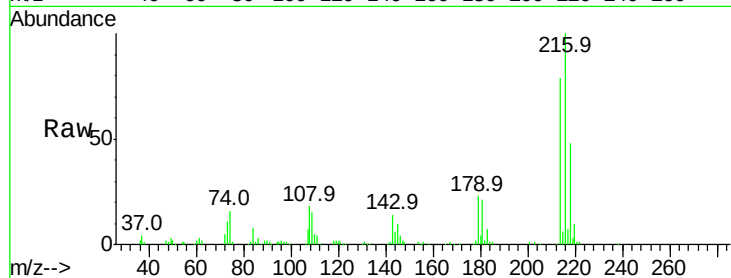




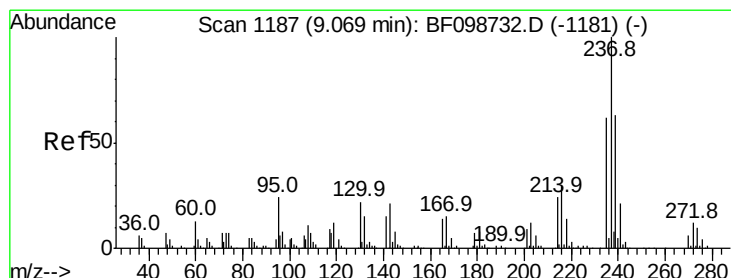
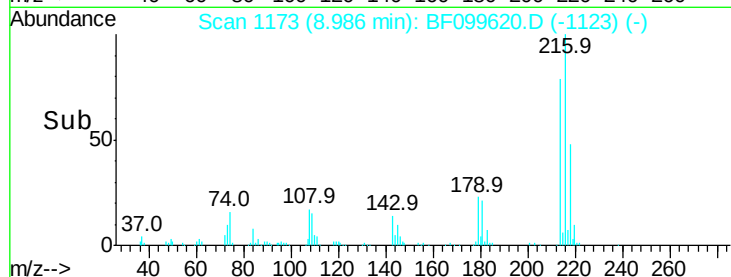
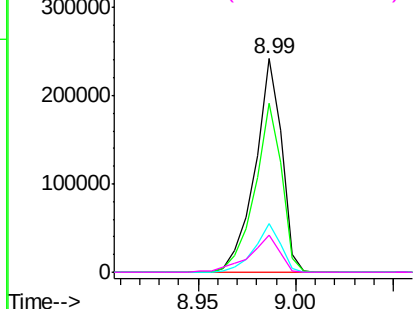
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.938 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	229269
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.2	18.1	27.1
108	19.8	17.2	25.8

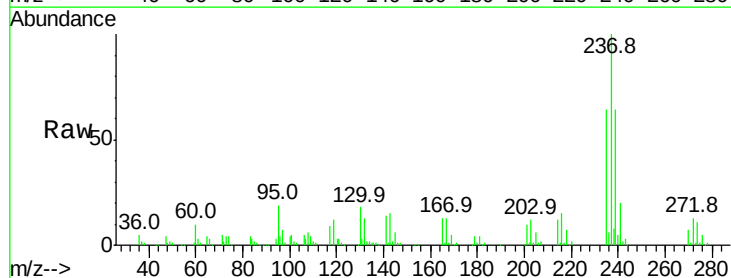


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

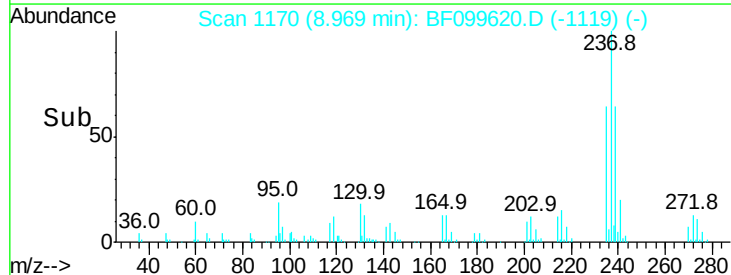
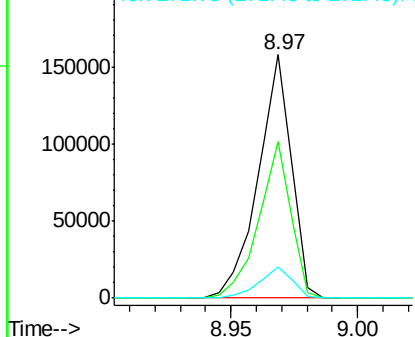


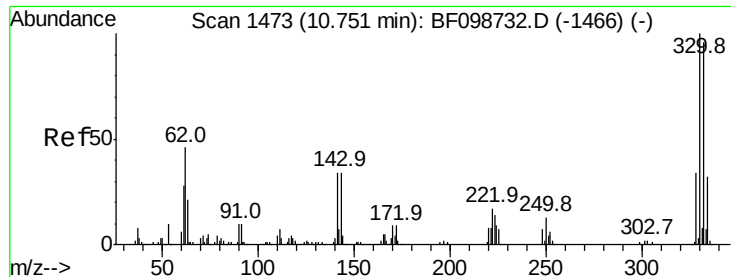
#40
 Hexachlorocyclopentadiene
 Concen: 52.301 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:	237	Resp:	144444
Ion	Ratio	Lower	Upper
237	100		
235	64.4	44.8	84.8
272	12.8	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

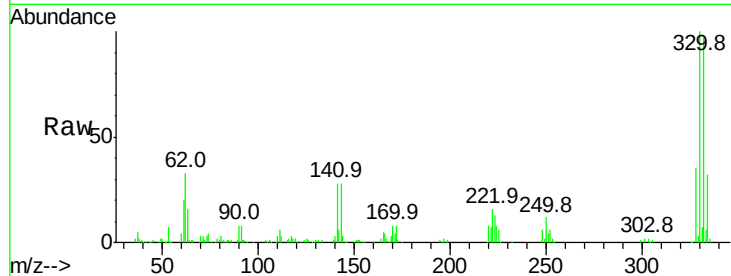




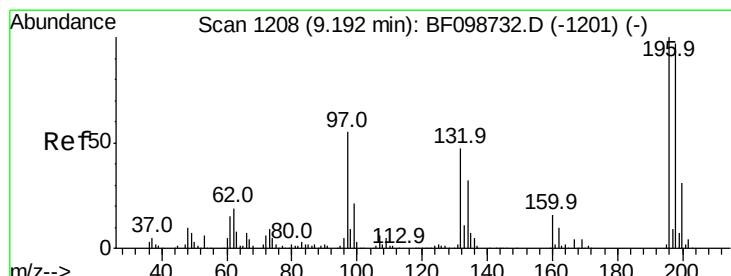
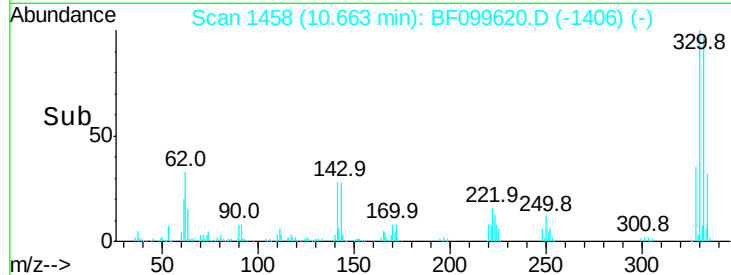
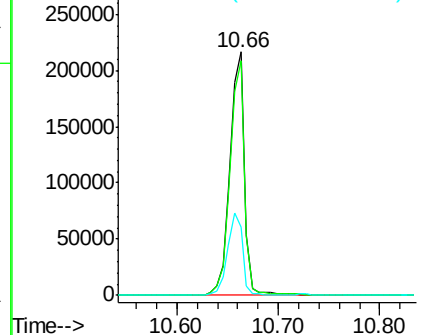
#41
 2,4,6-Tribromophenol
 Concen: 130.963 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.5	29.9	44.9

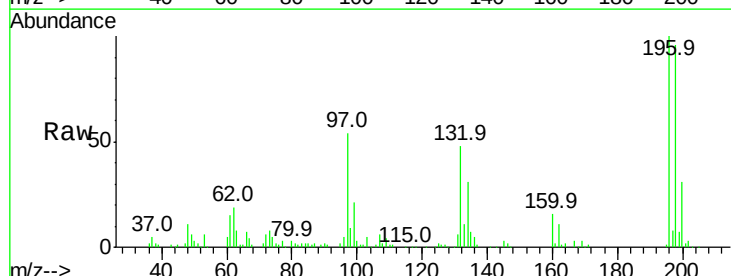


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

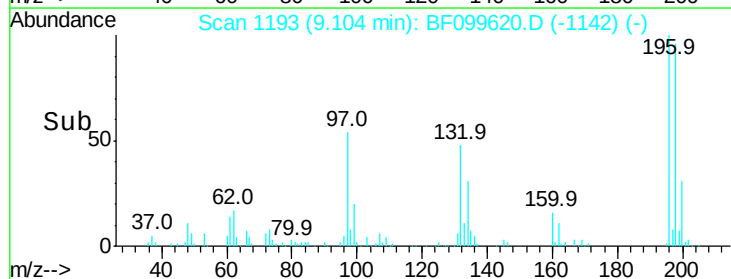
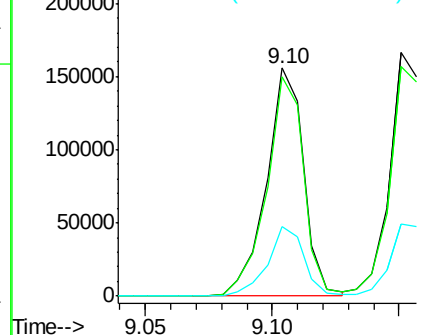


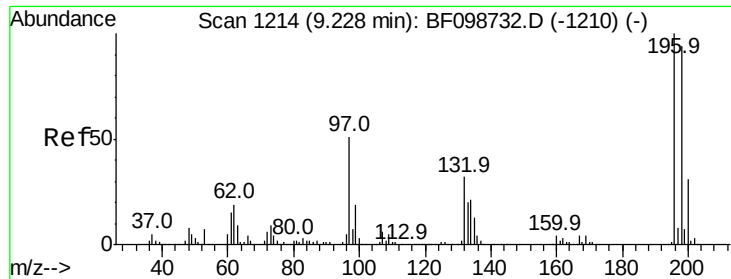
#42
 2,4,6-Trichlorophenol
 Concen: 37.327 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	30.7	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

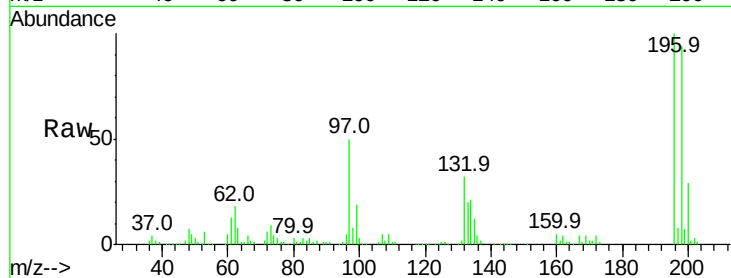




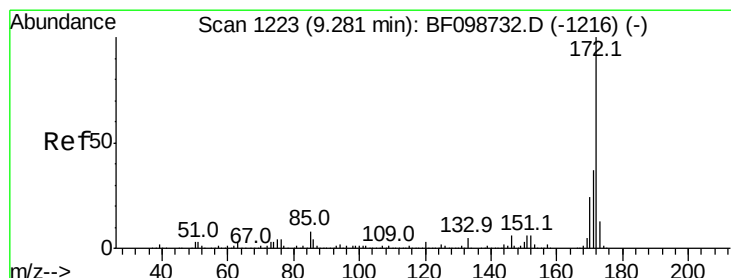
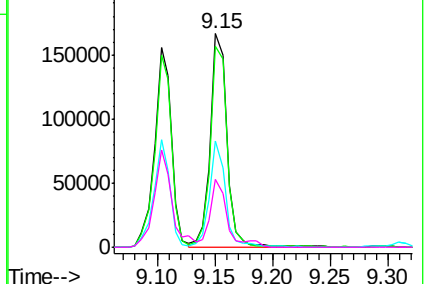
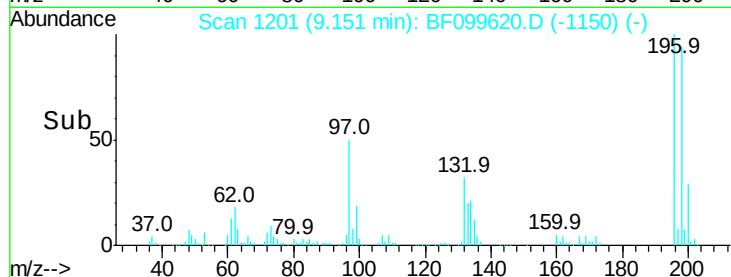
#43
 2,4,5-Trichlorophenol
 Concen: 38.853 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 166049
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 50.0 42.9 64.3
 132 32.0 26.3 39.5

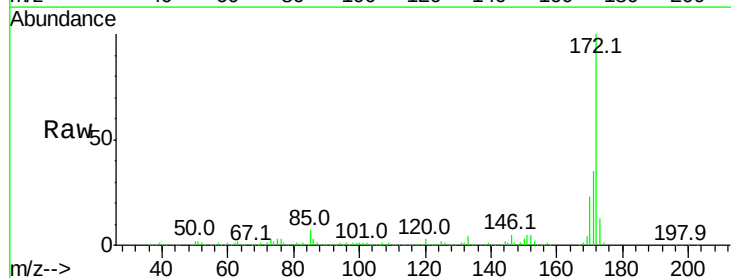


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

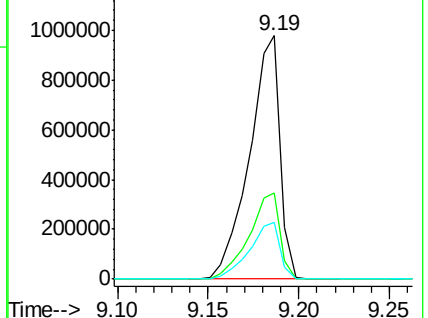
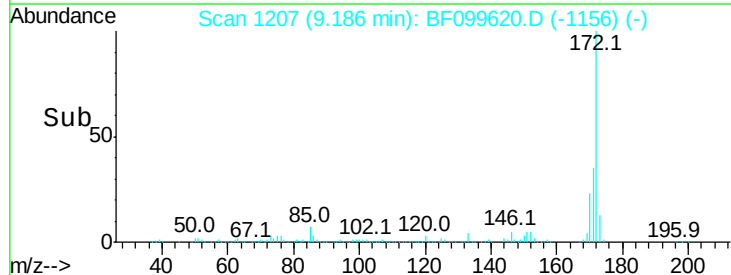


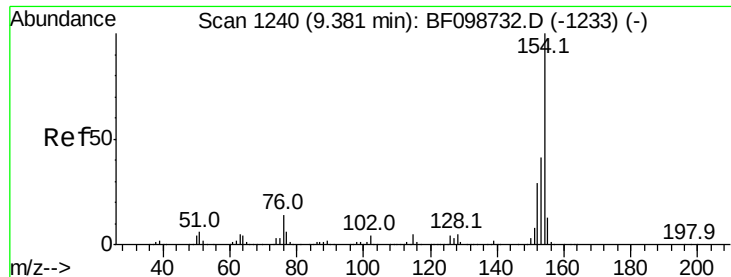
#44
 2-Fluorobiphenyl
 Concen: 94.177 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:172 Resp: 1143167
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 23.2 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

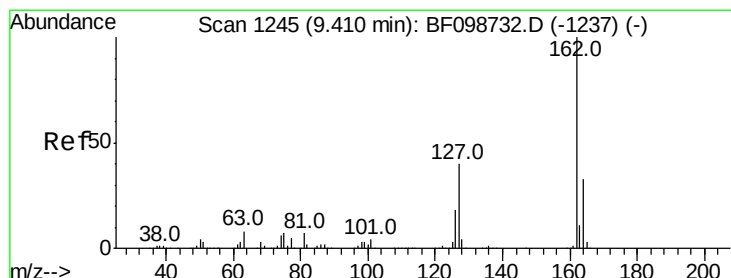
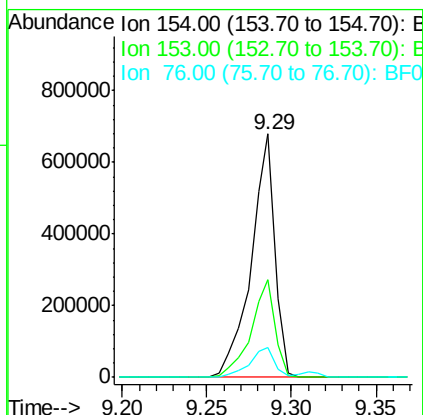
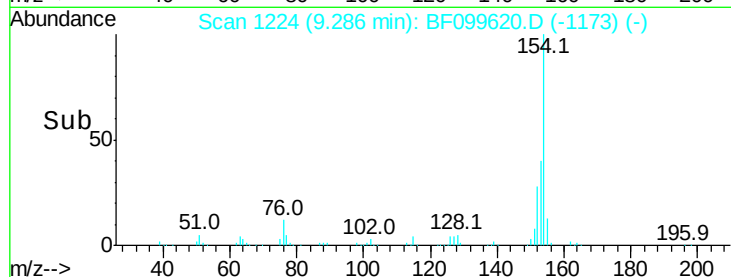
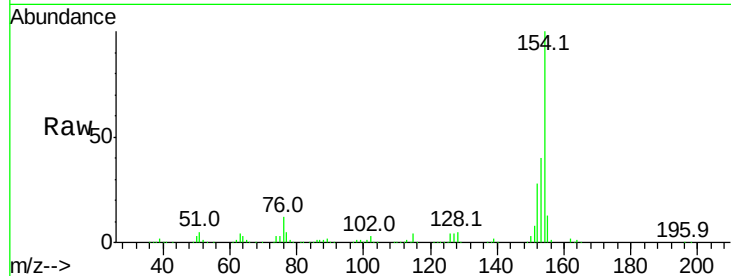




#45
 1,1'-Biphenyl
 Concen: 38.299 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

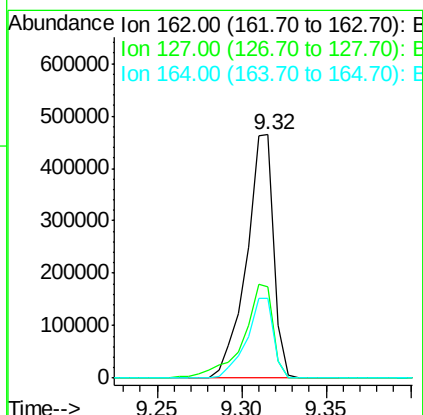
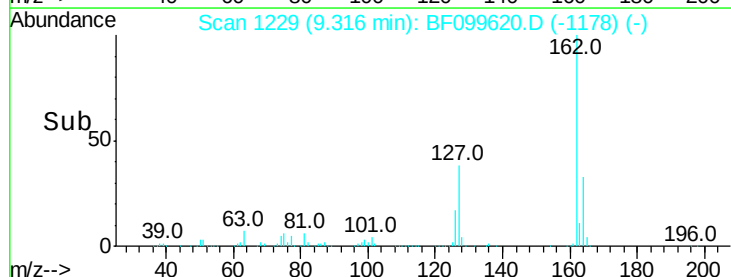
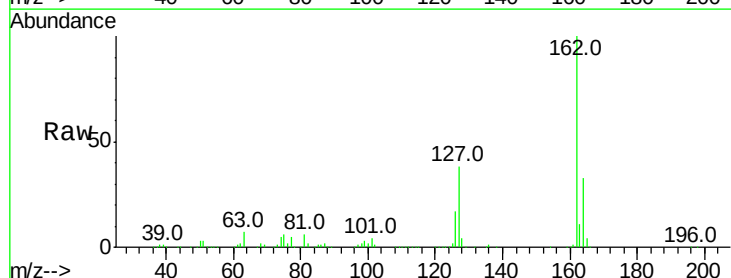
Instrument :
 BNA_F
 ClientSampleId :

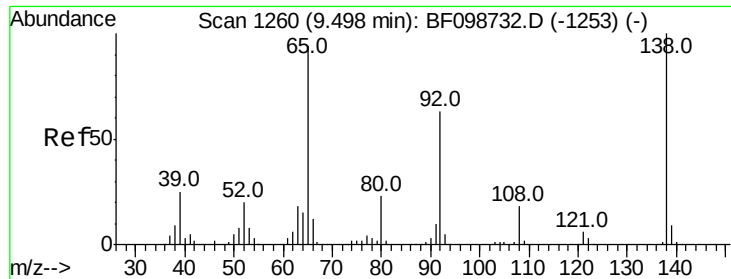
Tot Ion:154 Resp: 667002
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 12.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 40.067 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:162 Resp: 523921
 Ion Ratio Lower Upper
 162 100
 127 37.5 33.9 50.9
 164 32.8 26.5 39.7

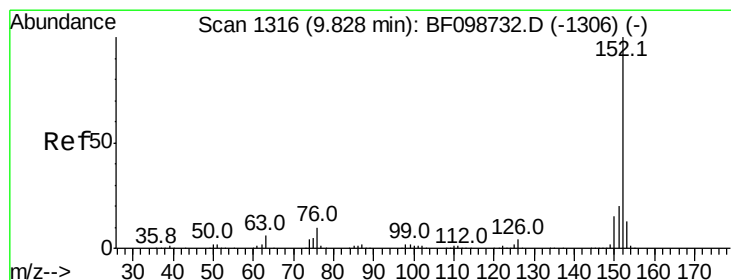
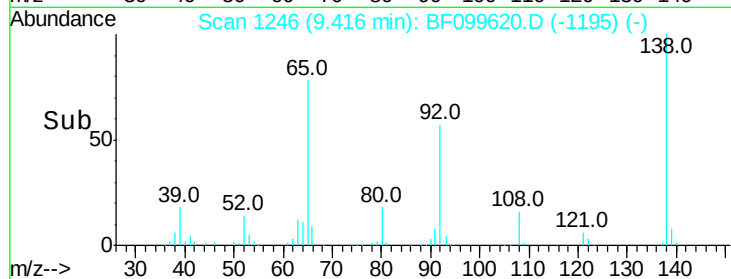
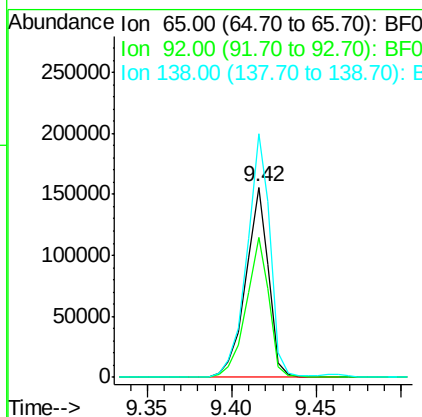
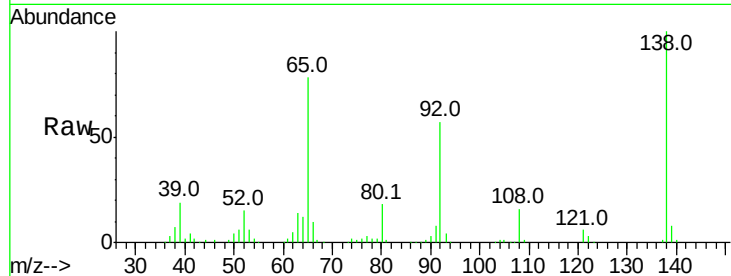




#47
 2-Nitroaniline
 Concen: 36.838 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

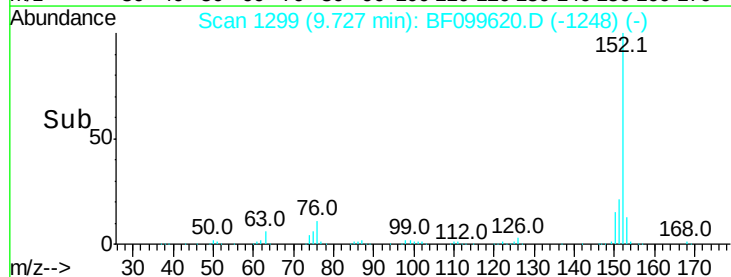
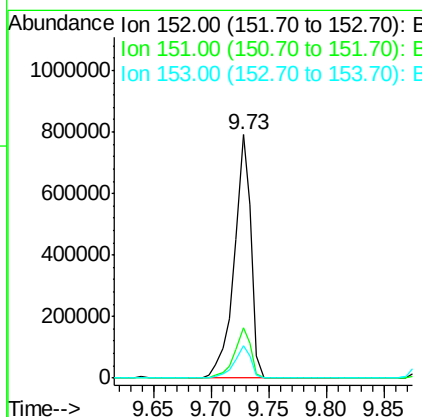
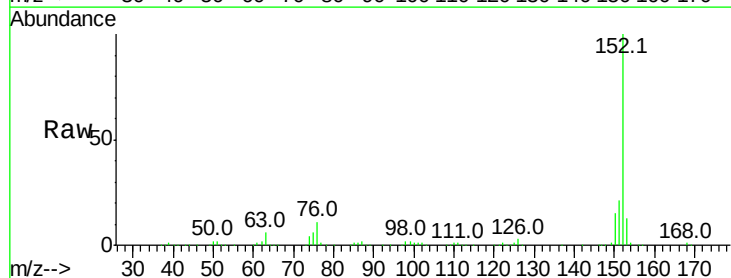
Instrument :
 BNA_F
 ClientSampled :

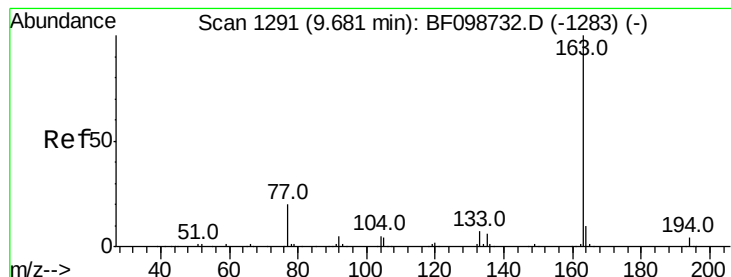
Tot Ion: 65 Resp: 147497
 Ion Ratio Lower Upper
 65 100
 92 73.2 55.8 83.6
 138 127.8 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.318 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:152 Resp: 787033
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 40.488 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

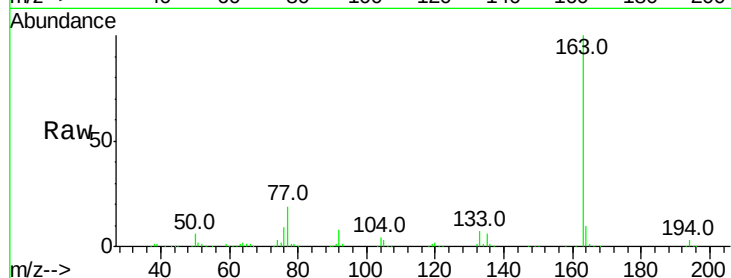
Tot Ion:163 Resp: 619233

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

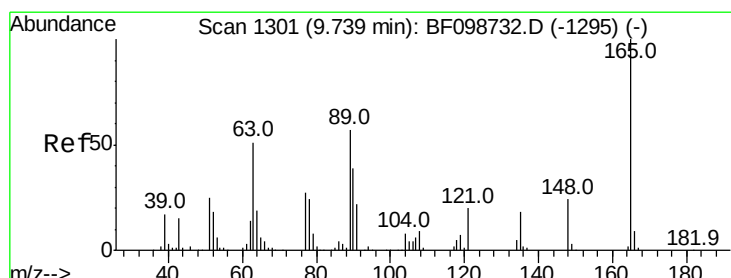
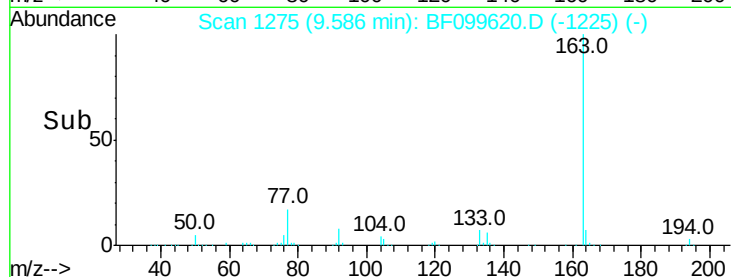
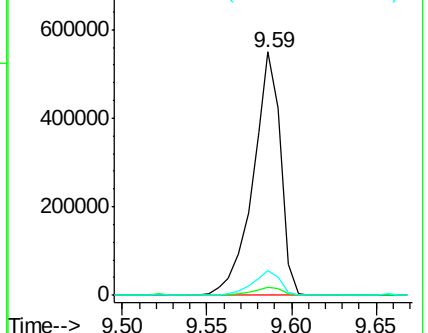
164 10.1 8.2 12.2



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: 41.869 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

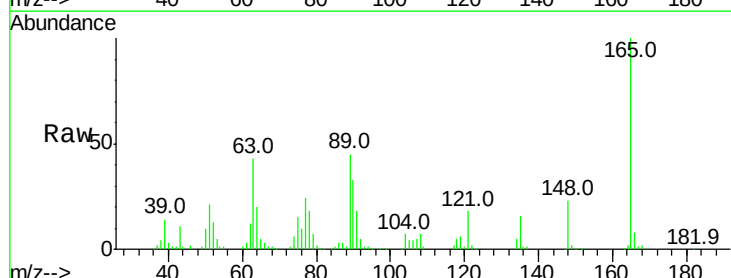
Tgt Ion:165 Resp: 139408

Ion Ratio Lower Upper

165 100

63 42.9 44.7 67.1#

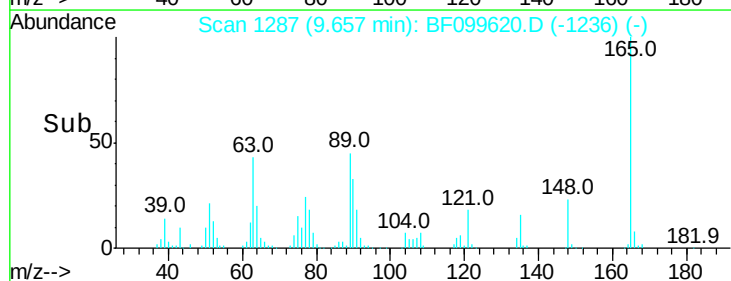
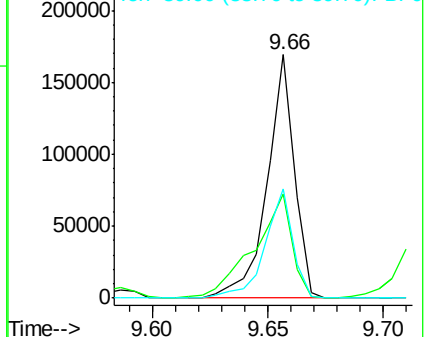
89 44.8 44.0 66.0

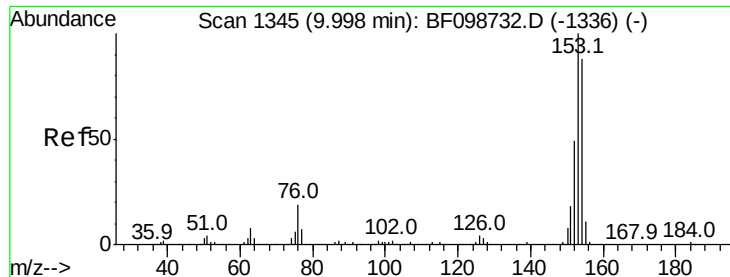


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

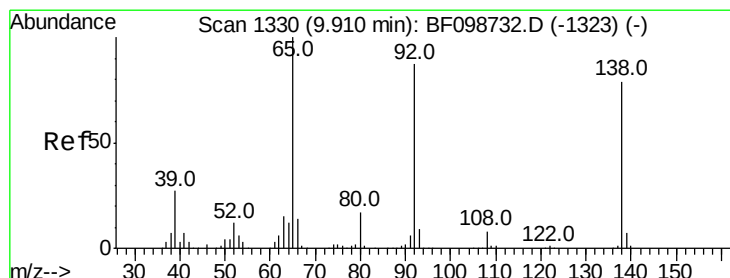
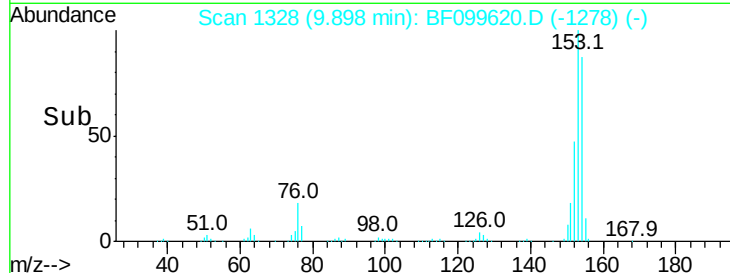
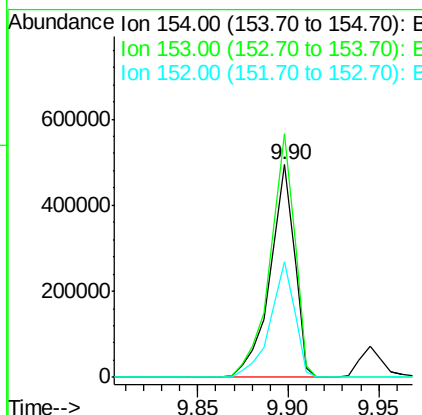
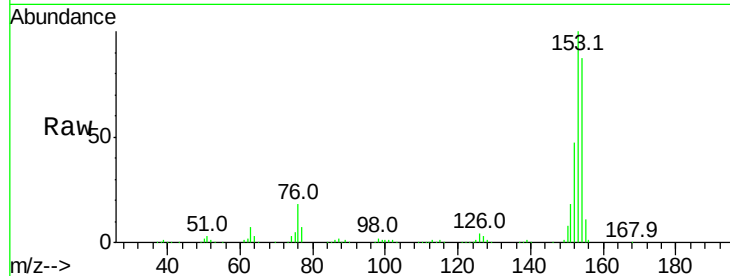




#51
Acenaphthene
Concen: 36.843 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

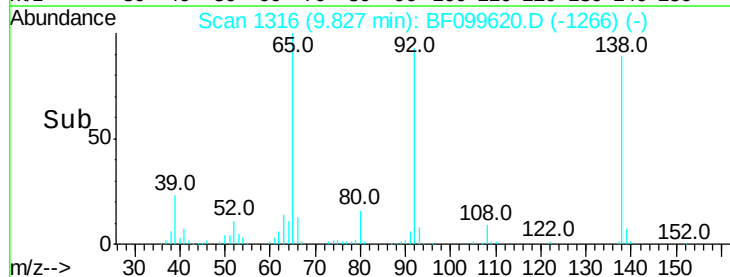
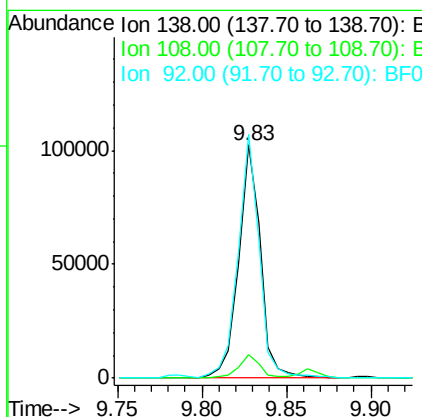
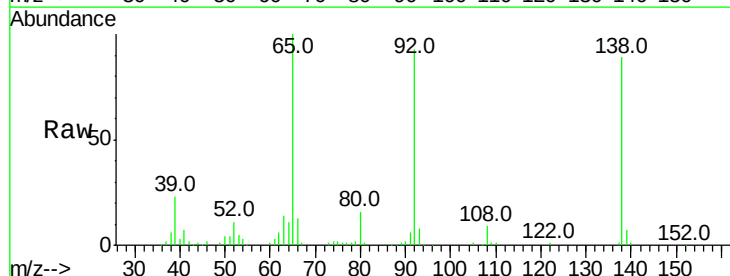
Instrument :
BNA_F
ClientSampleId :

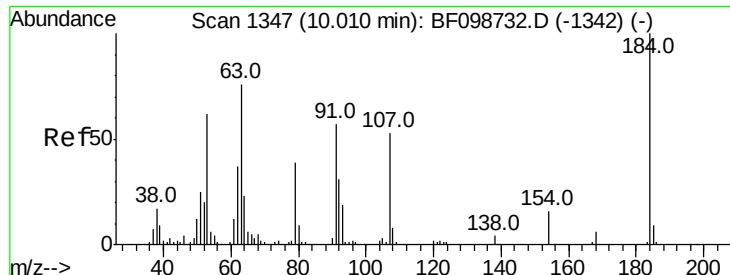
Tot Ion:154 Resp: 467172
Ion Ratio Lower Upper
154 100
153 114.6 91.2 136.8
152 54.2 43.8 65.8



#52
3-Nitroaniline
Concen: 23.713 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:138 Resp: 92064
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 104.5 89.4 134.2

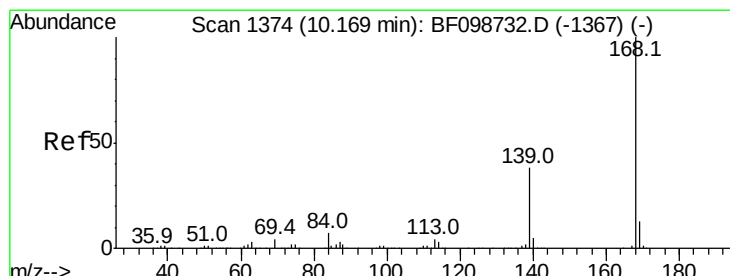
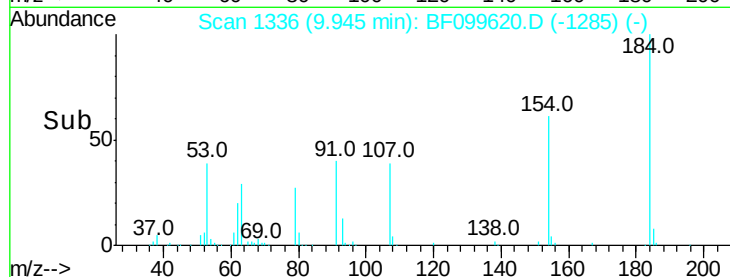
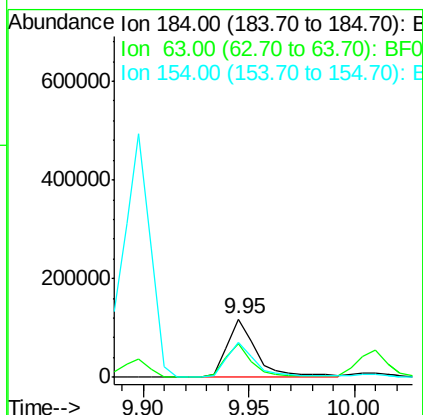
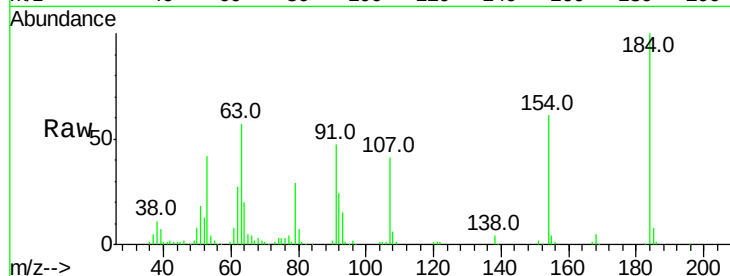




#53
2,4-Dinitrophenol
Concen: 66.325 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

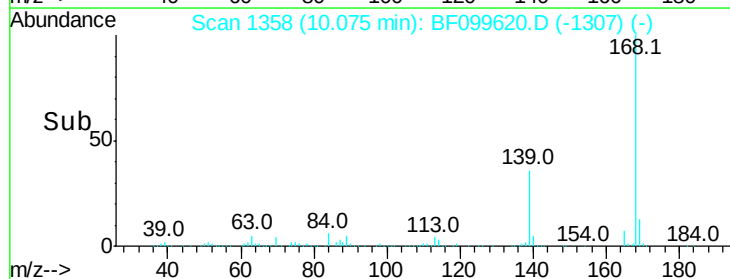
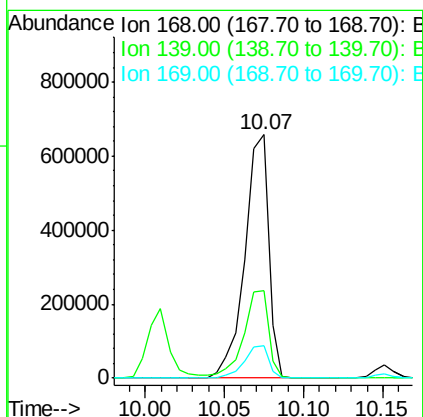
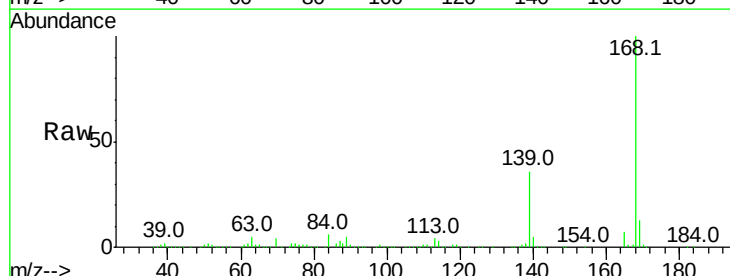
Instrument :
BNA_F
ClientSampled :

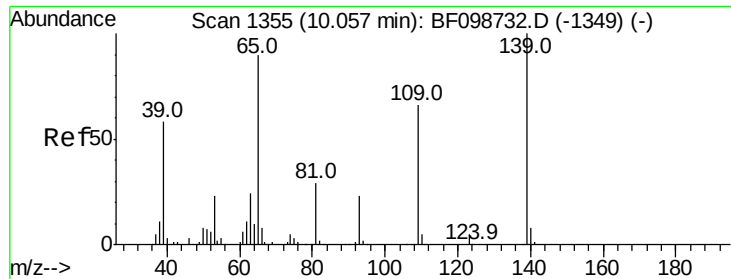
Tot Ion:184 Resp: 113113
Ion Ratio Lower Upper
184 100
63 56.9 54.2 81.2
154 60.9 53.5 80.3



#54
Dibenzofuran
Concen: 40.598 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:168 Resp: 685417
Ion Ratio Lower Upper
168 100
139 36.1 30.1 45.1
169 13.4 10.9 16.3

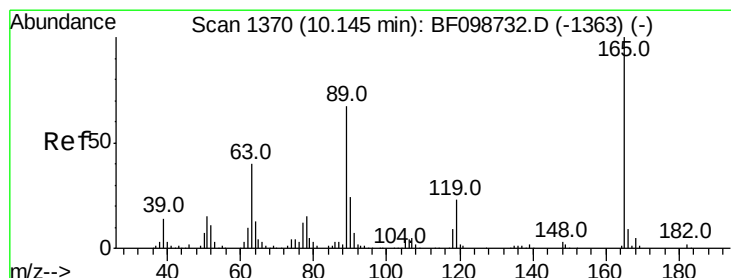
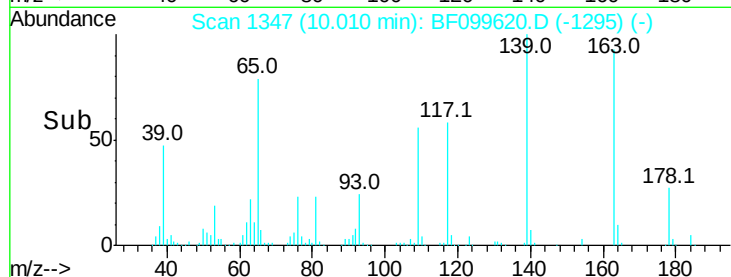
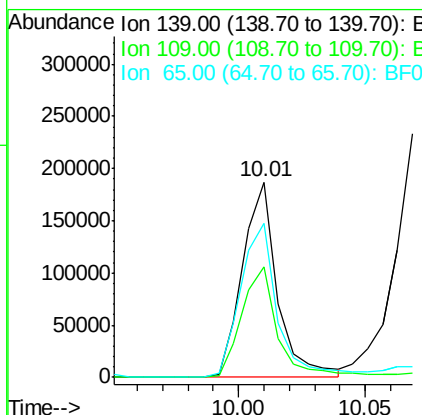
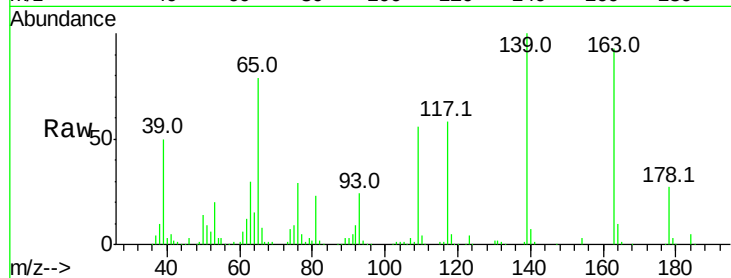




#55
4-Nitrophenol
Concen: 54.728 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

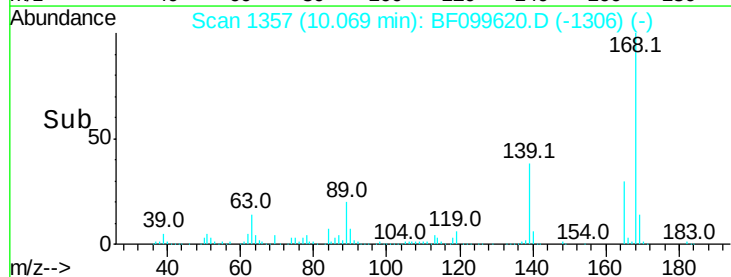
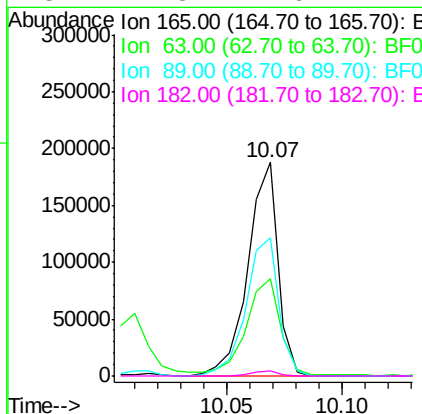
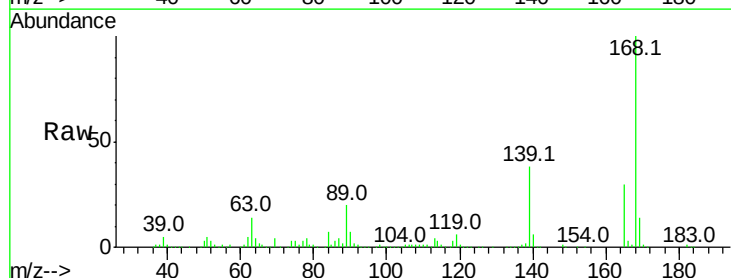
Instrument :
BNA_F
ClientSampleId :

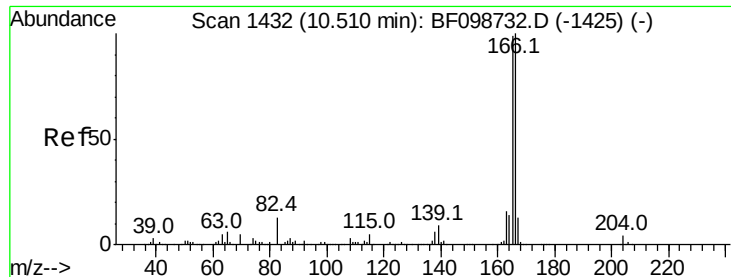
Tot Ion:139 Resp: 179664
Ion Ratio Lower Upper
139 100
109 56.4 48.4 88.4
65 79.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.659 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:165 Resp: 171379
Ion Ratio Lower Upper
165 100
63 45.4 36.4 54.6
89 64.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 40.909 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

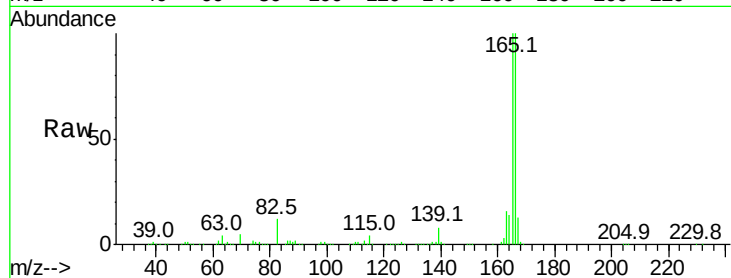
Tot Ion:166 Resp: 555125

Ion Ratio Lower Upper

166 100

165 99.6 79.8 119.8

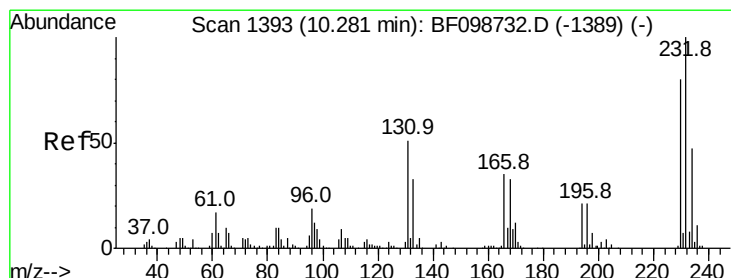
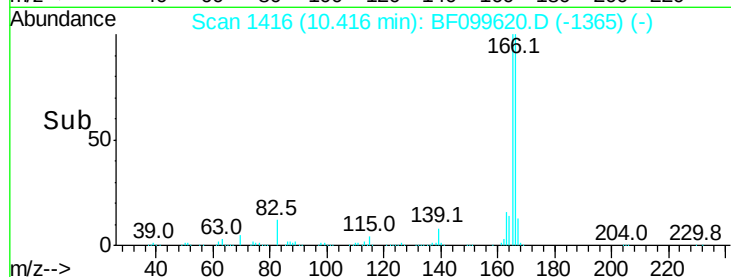
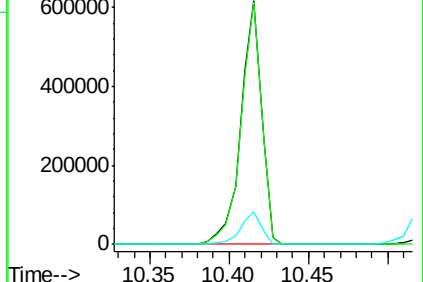
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.458 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Tgt Ion:232 Resp: 128301

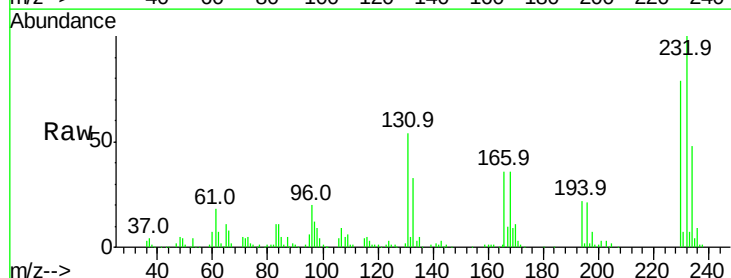
Ion Ratio Lower Upper

232 100

131 48.8 43.8 65.8

130 2.1 2.1 3.1

166 33.0 27.8 41.6

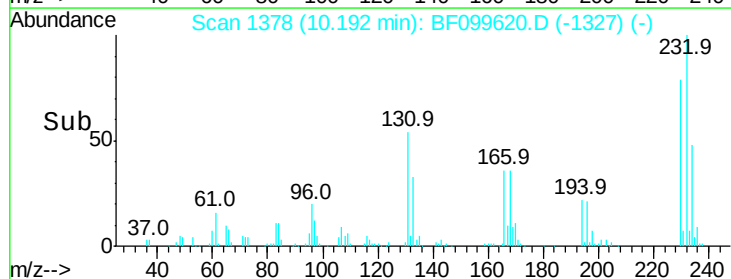
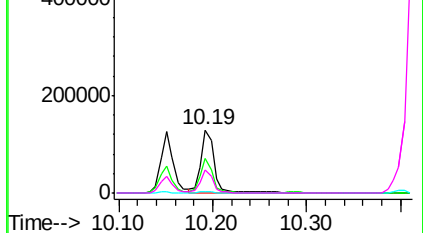


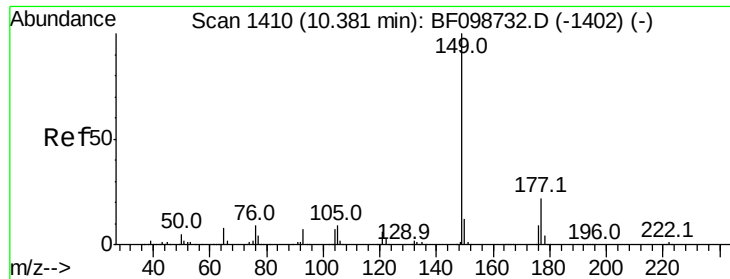
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

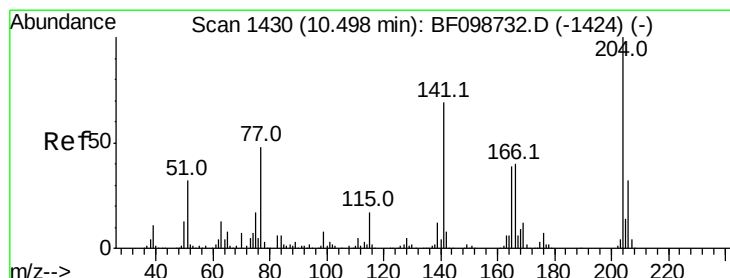
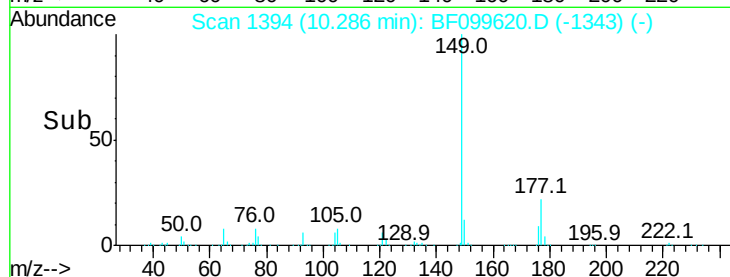
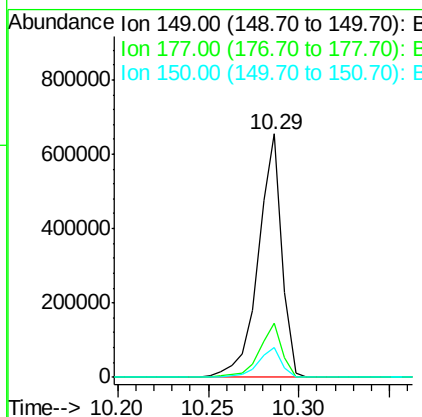
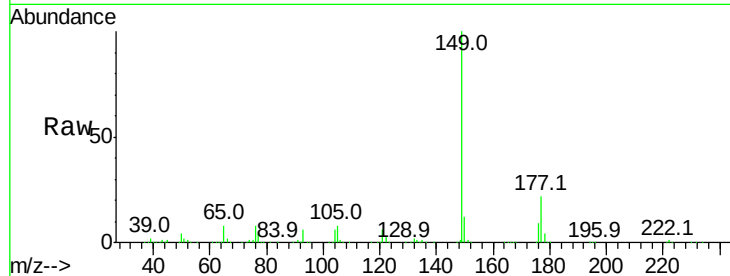




#59
Diethylphthalate
Concen: 39.291 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

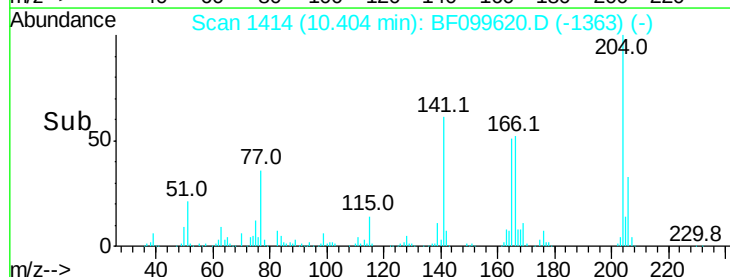
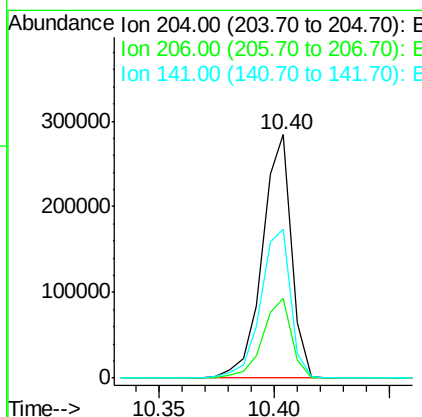
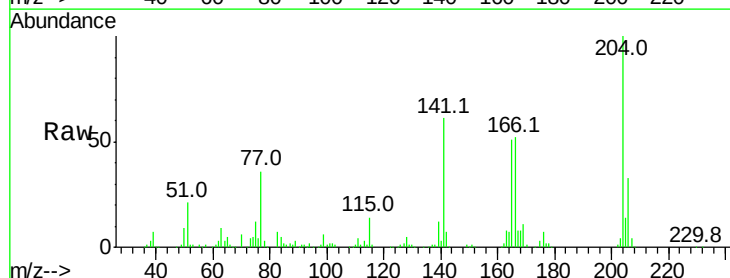
Instrument :
BNA_F
ClientSampled :

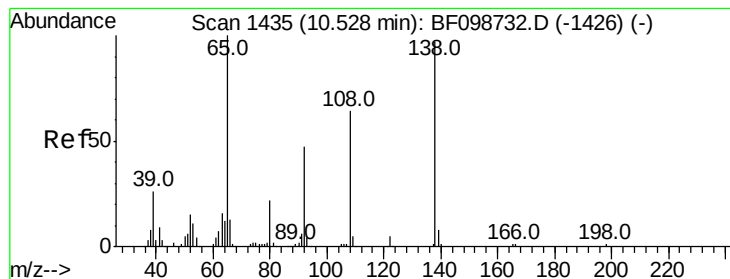
Tot Ion:149 Resp: 587190
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.2 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.903 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:204 Resp: 249327
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 61.0 54.6 81.8





#61

4-Nitroaniline

Concen: 41.796 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampled :

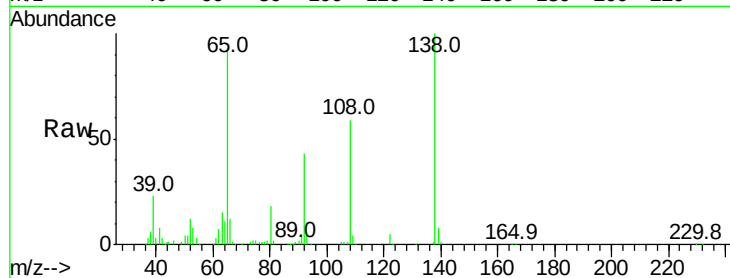
Tot Ion:138 Resp: 156552

Ion Ratio Lower Upper

138 100

92 43.3 30.2 70.2

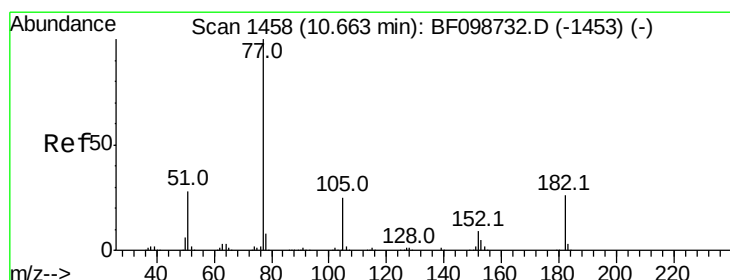
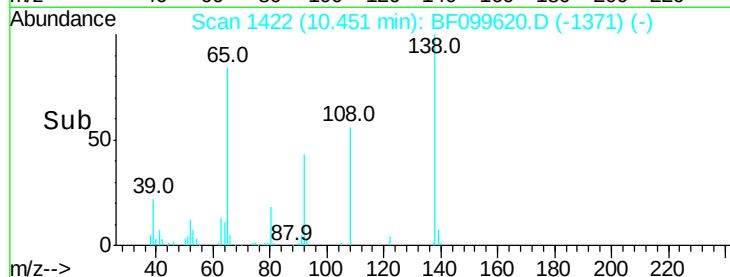
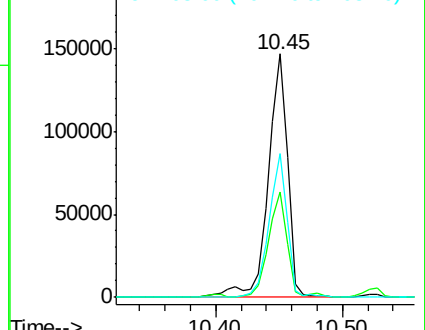
108 59.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.309 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Tgt Ion: 77 Resp: 526418

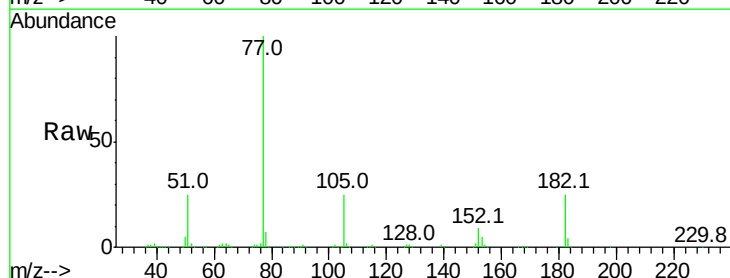
Ion Ratio Lower Upper

77 100

182 25.2 1.7 41.7

105 25.0 3.0 43.0

51 25.0 9.9 49.9

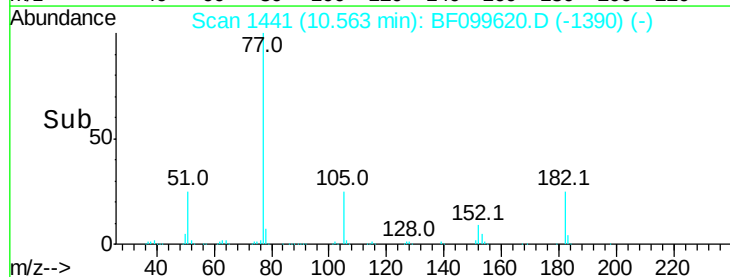
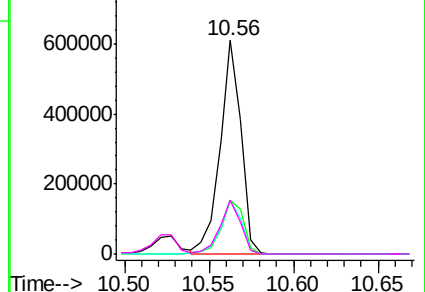


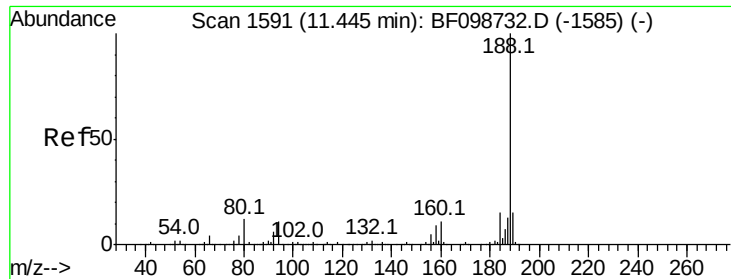
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

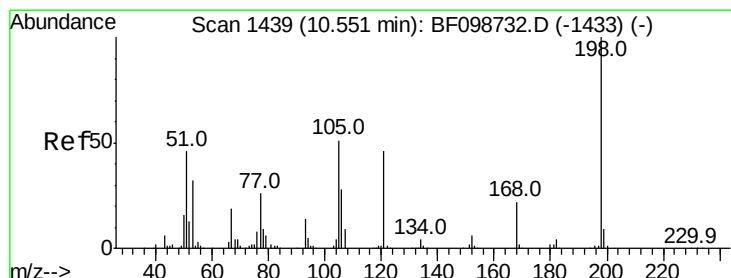
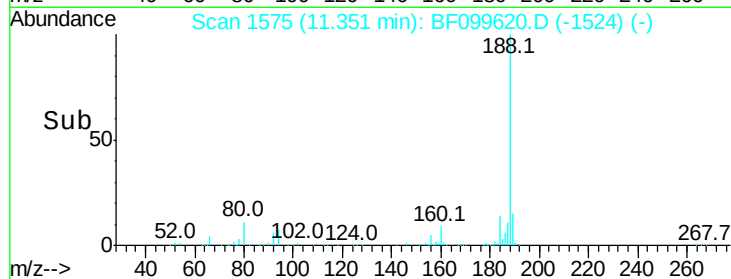
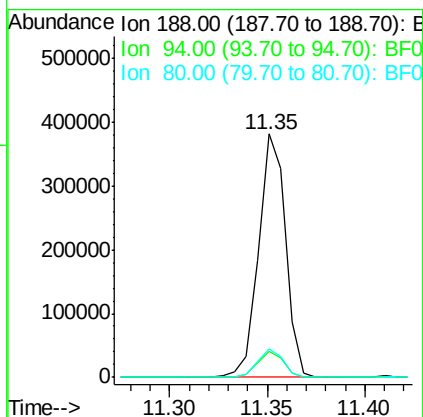
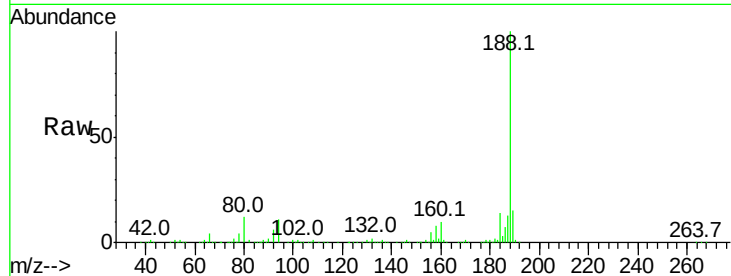




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

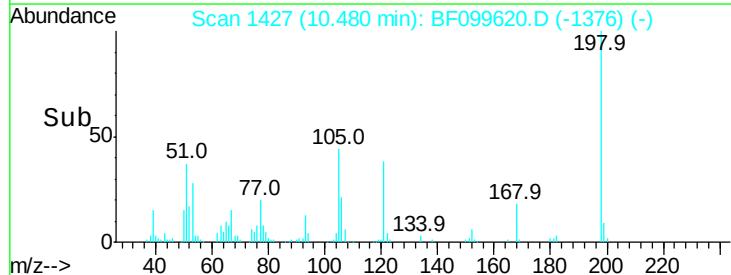
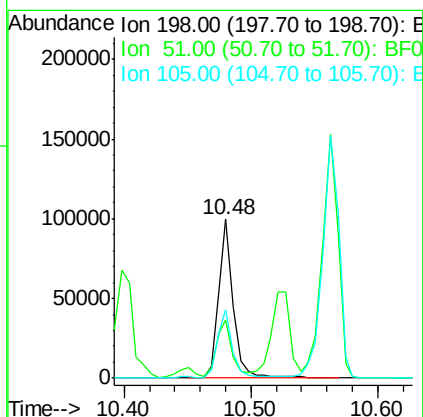
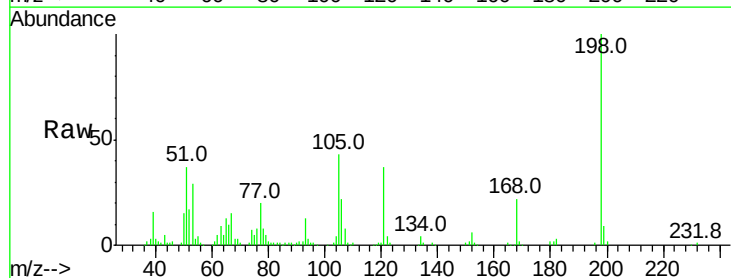
Instrument :
 BNA_F
 ClientSampleId :

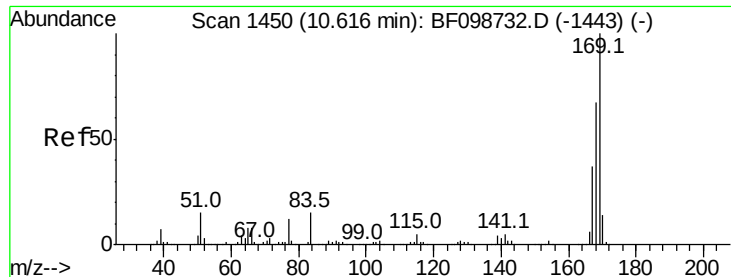
Tot Ion:188 Resp: 365178
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.5 12.7
 80 11.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.366 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:198 Resp: 83021
 Ion Ratio Lower Upper
 198 100
 51 36.8 37.7 77.7#
 105 43.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.743 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

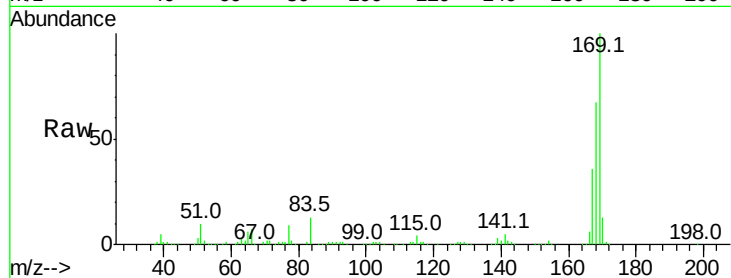
Tot Ion:169 Resp: 502789

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

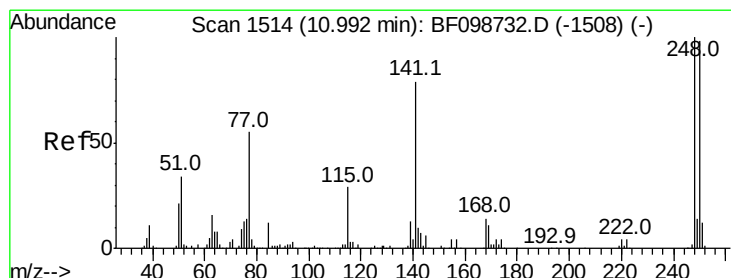
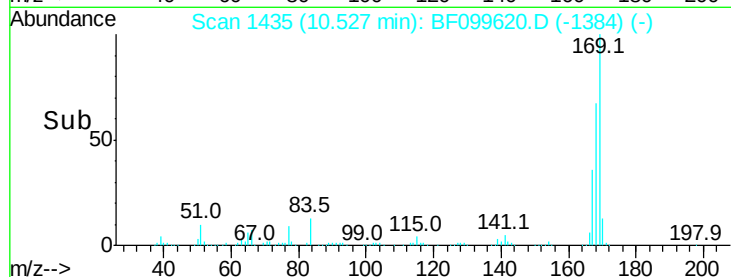
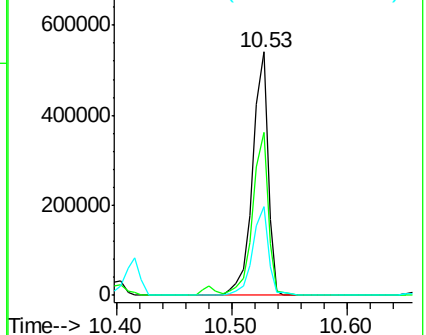
167 36.4 29.8 44.6



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: 41.251 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

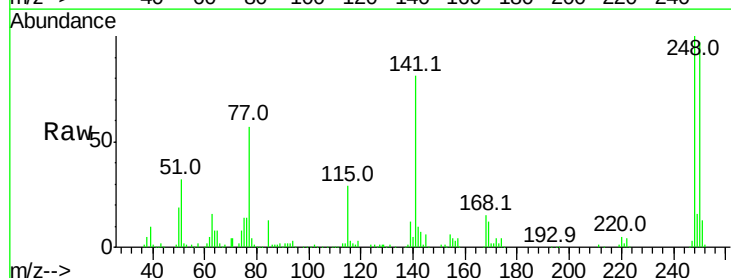
Tgt Ion:248 Resp: 147451

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

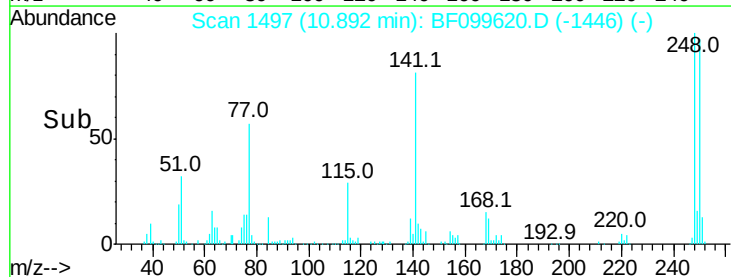
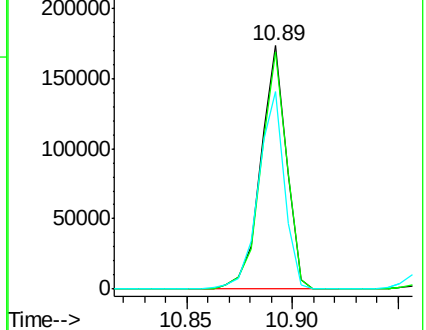
141 81.0 74.4 111.6

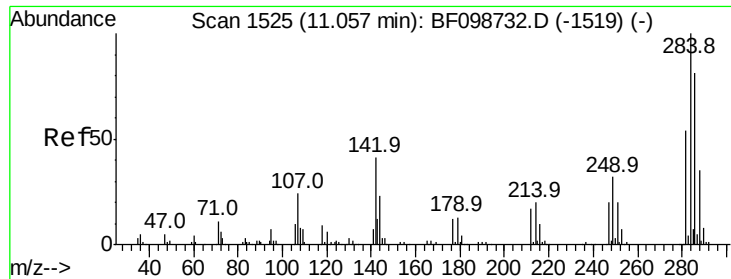


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.163 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampled :

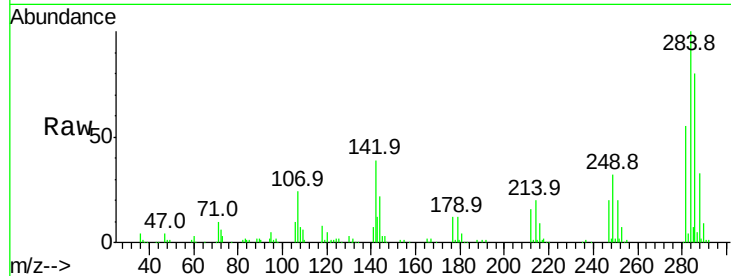
Tot Ion:284 Resp: 149512

Ion Ratio Lower Upper

284 100

142 39.4 34.6 52.0

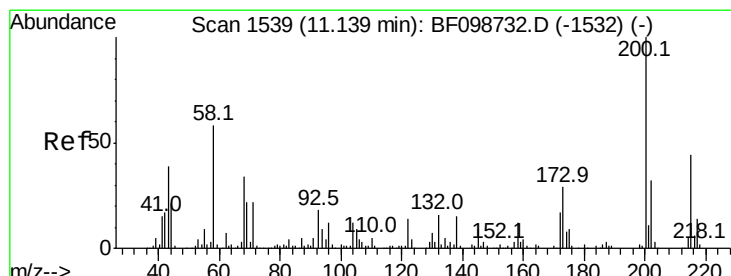
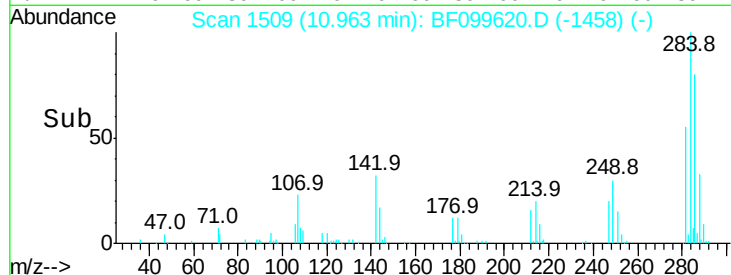
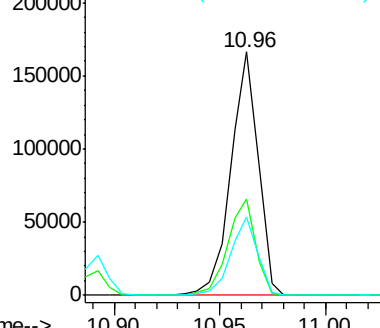
249 32.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.574 ng

RT: 11.05 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

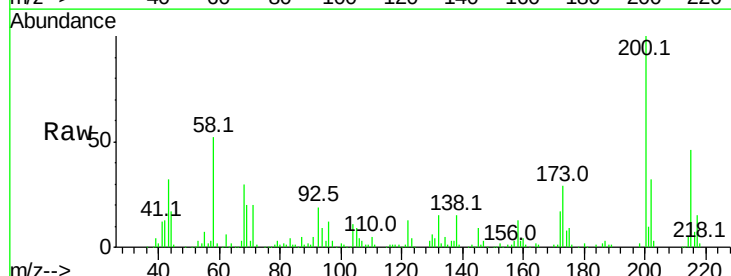
Tgt Ion:200 Resp: 158240

Ion Ratio Lower Upper

200 100

173 29.4 8.6 48.6

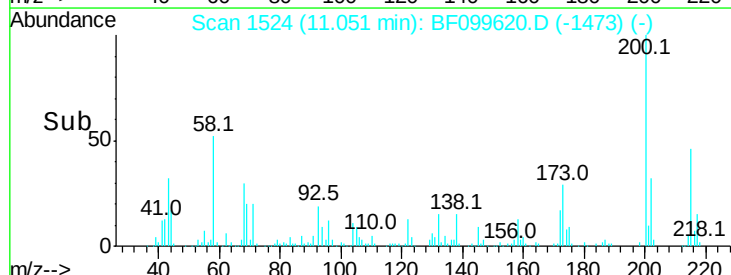
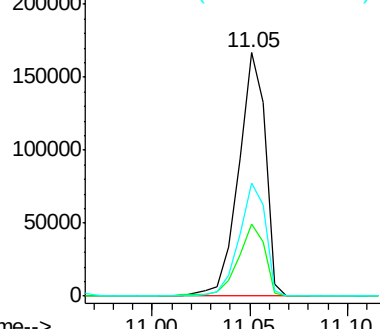
215 46.5 25.1 65.1

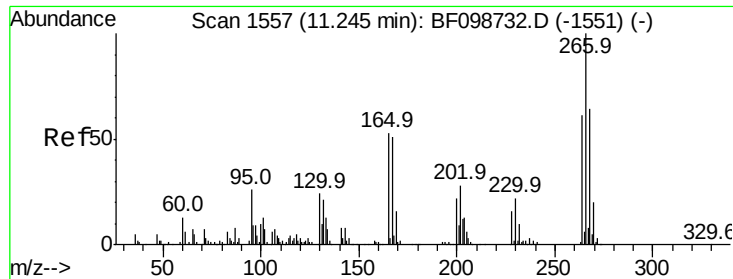


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

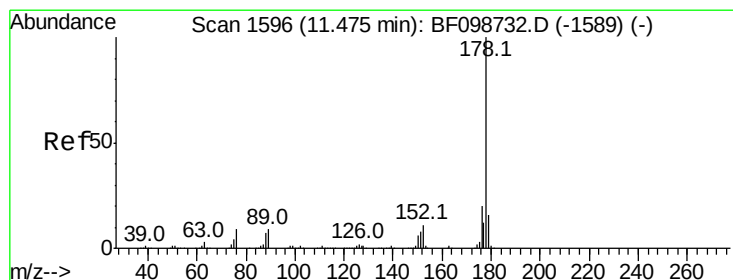
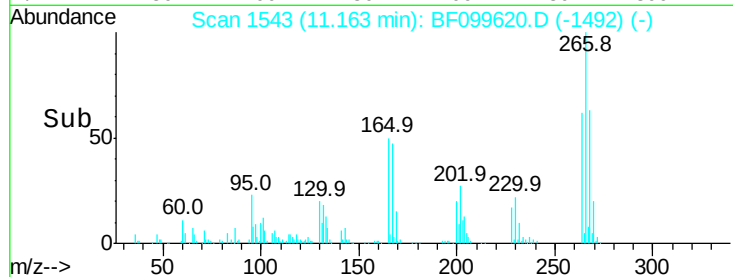
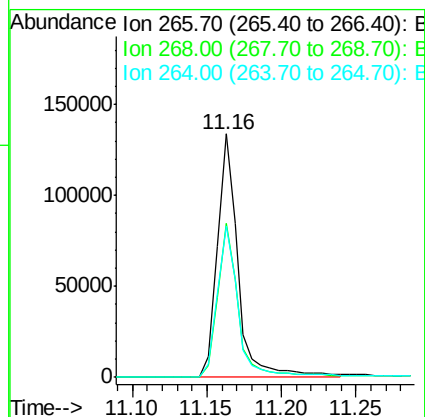
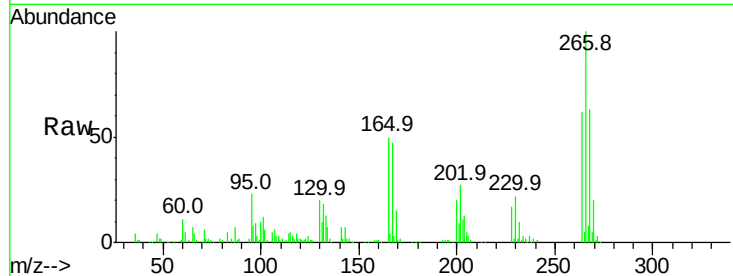




#69
 Pentachlorophenol
 Concen: 54.816 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

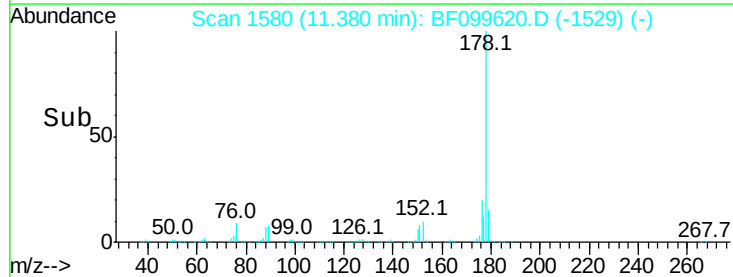
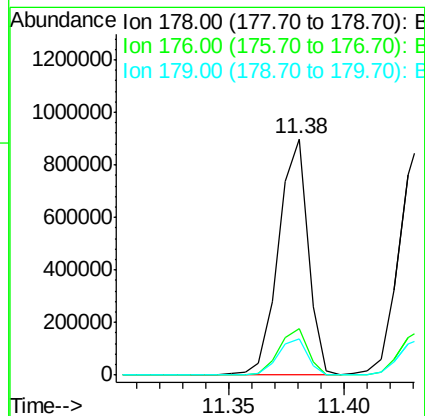
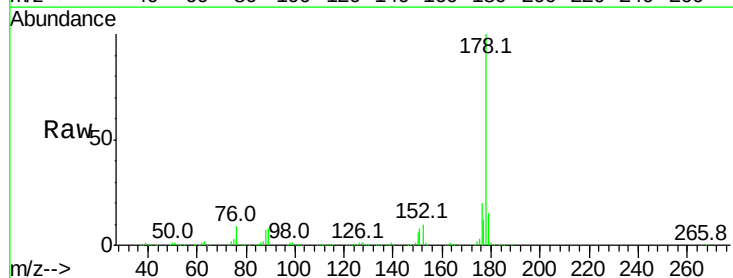
Instrument :
 BNA_F
 ClientSampleId :

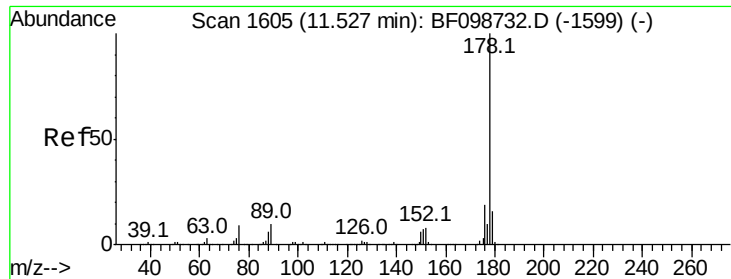
Tot Ion:266 Resp: 130241
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.1 76.7
 264 62.4 49.5 74.3



#70
 Phenanthrene
 Concen: 40.671 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:178 Resp: 794993
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.4 13.0 19.6

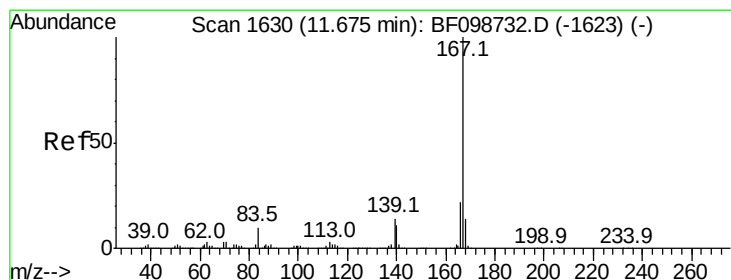
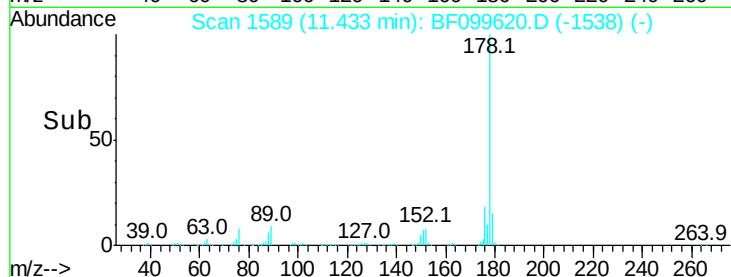
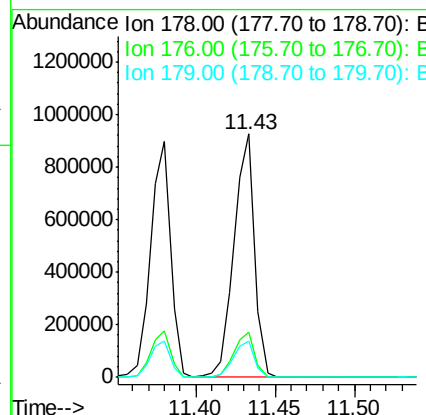
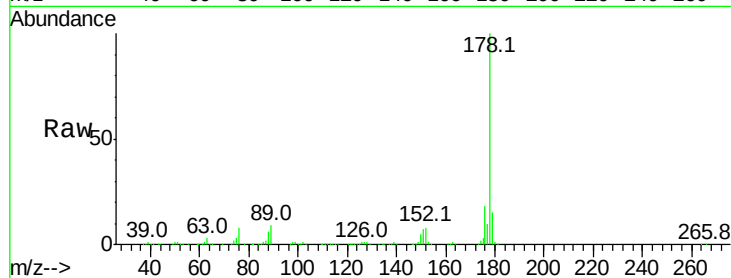




#71
 Anthracene
 Concen: 41.804 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

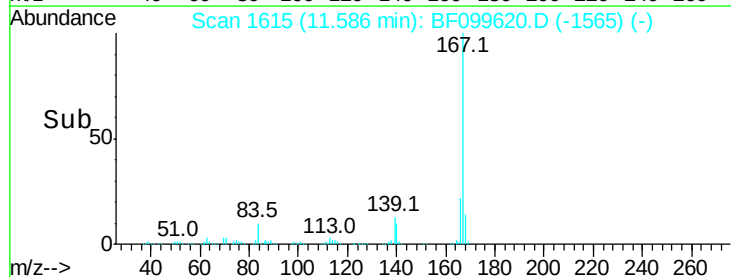
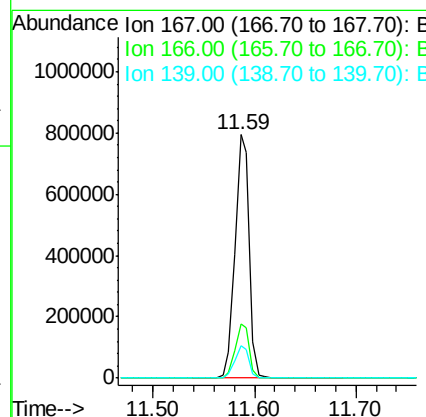
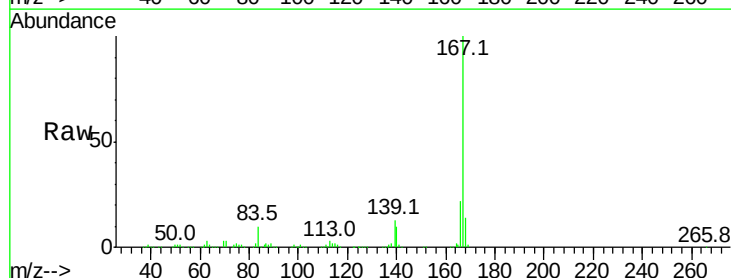
Instrument :
 BNA_F
 ClientSampleId :

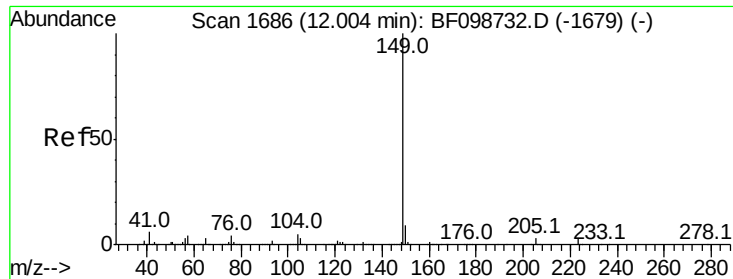
Tot Ion:178 Resp: 836089
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 39.332 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:167 Resp: 770352
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.242 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

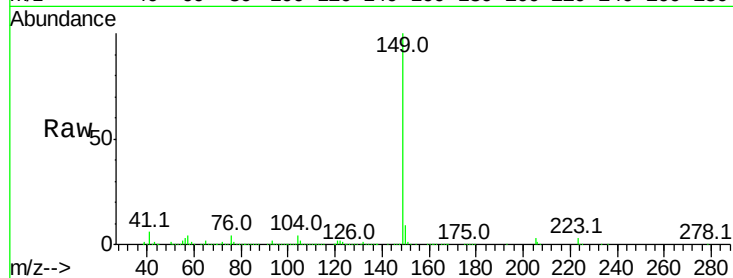
Tot Ion:149 Resp: 925118

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

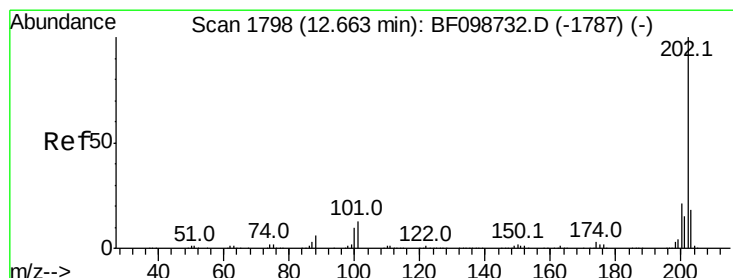
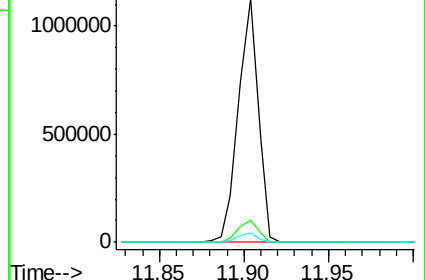
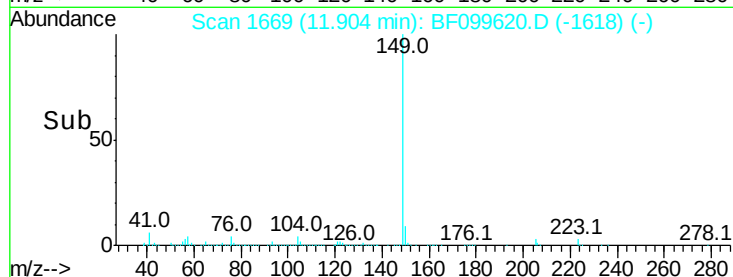
104 4.1 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.516 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

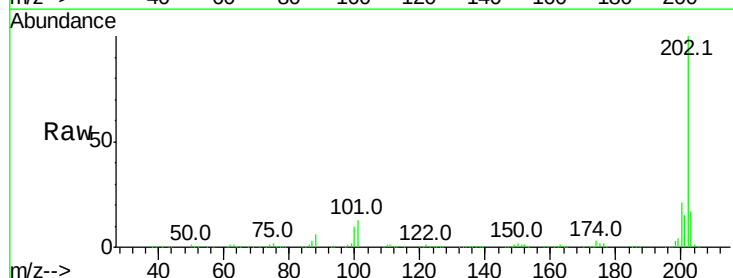
Tgt Ion:202 Resp: 821756

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

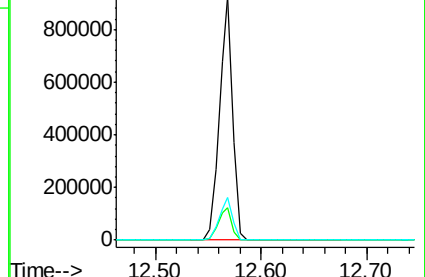
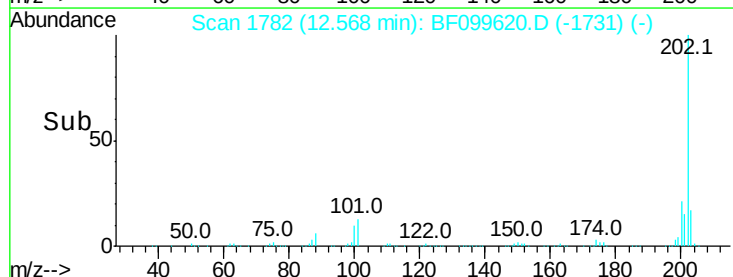
203 17.5 0.0 38.1

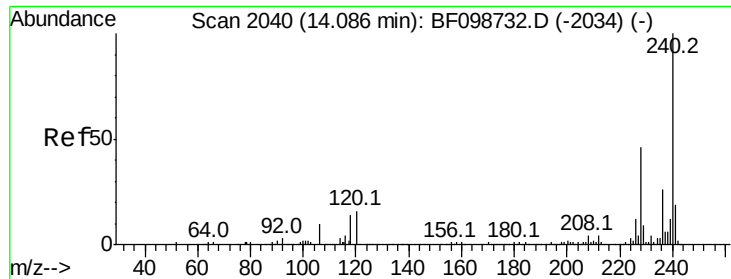


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

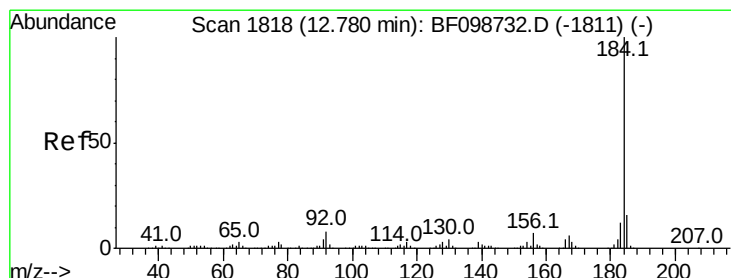
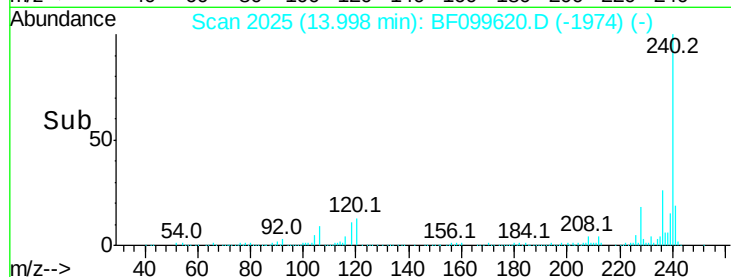
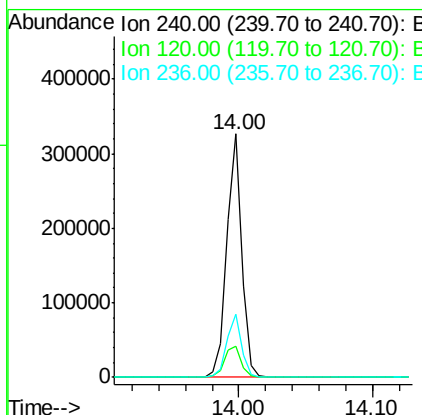
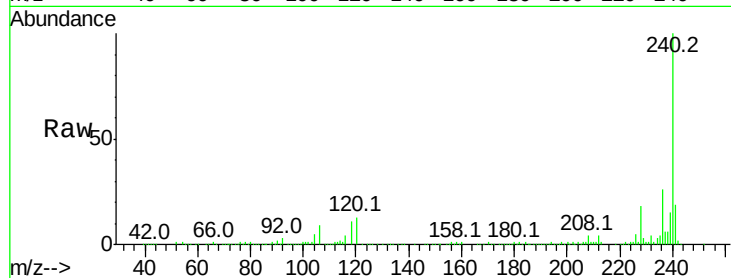




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

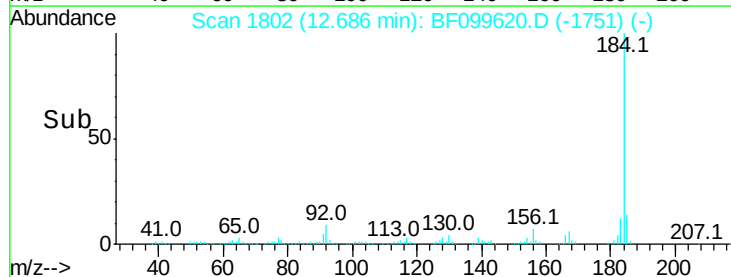
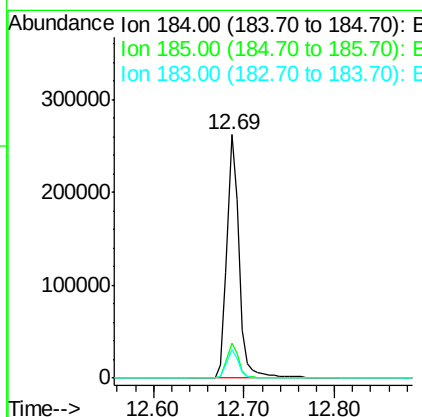
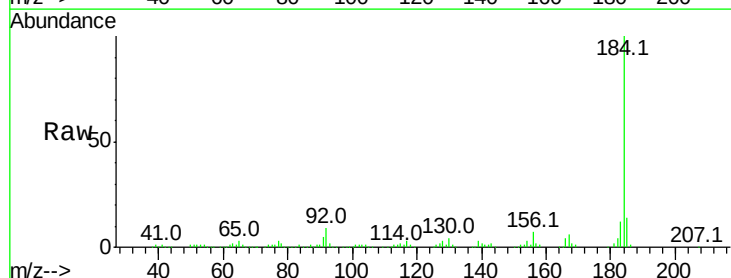
Instrument :
BNA_F
ClientSampleId :

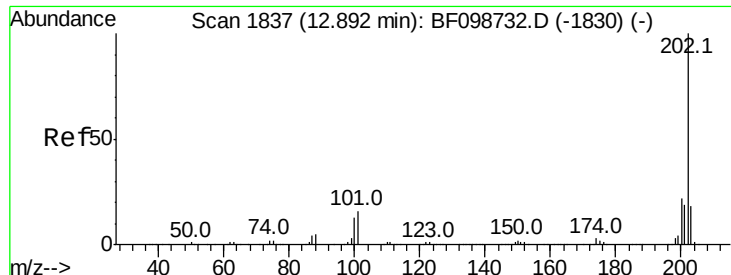
Tot Ion:240 Resp: 259861
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 26.0 20.7 31.1



#76
Benzidine
Concen: 25.421 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:184 Resp: 244331
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 11.8 9.3 13.9

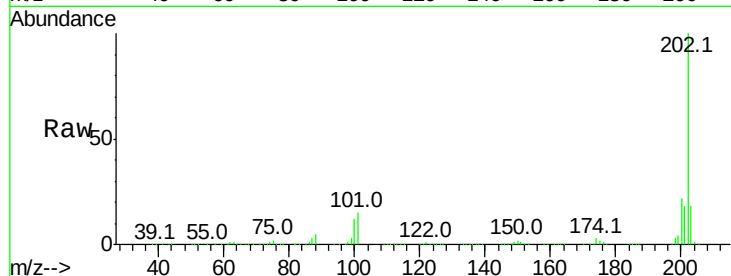




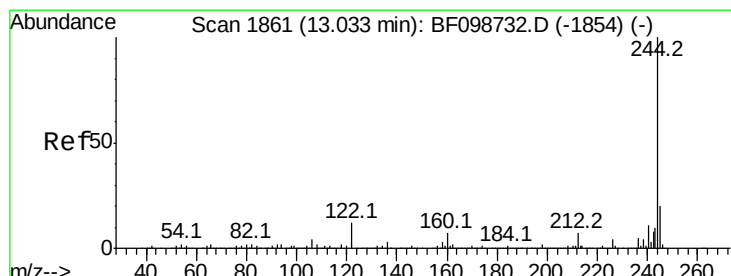
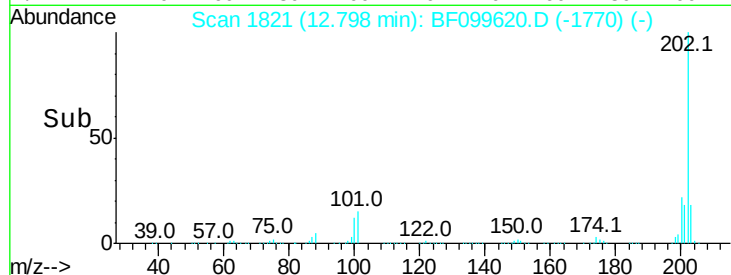
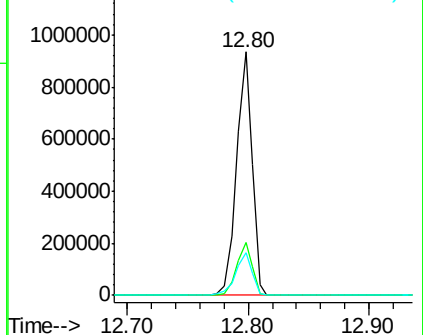
#77
Pvrene
Concen: 42.734 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 846784
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.5 14.3 21.5

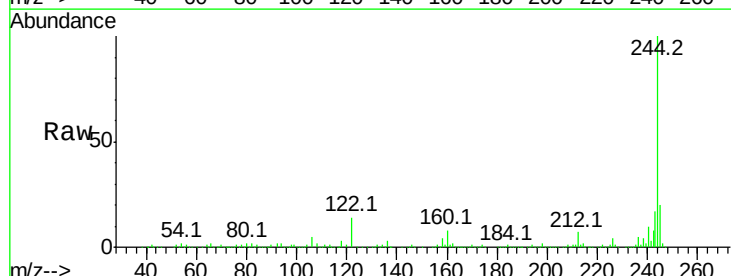


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

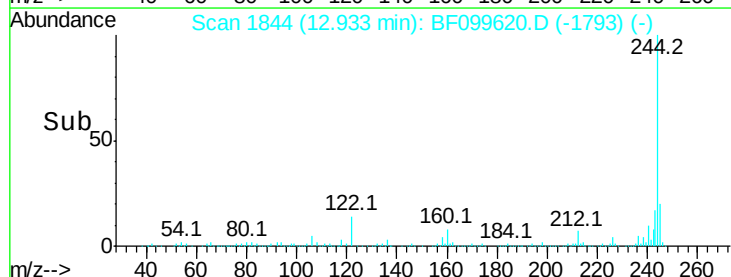
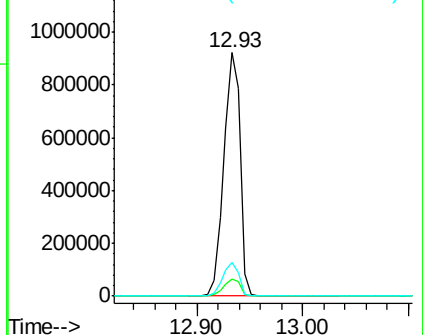


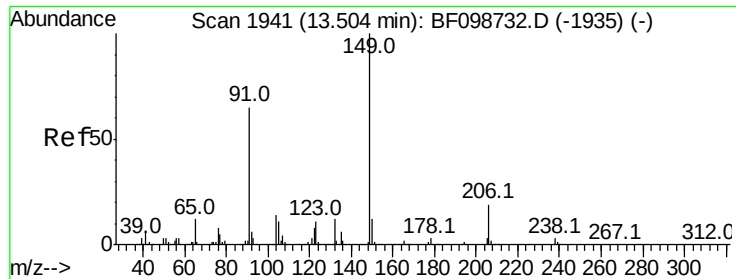
#78
Terphenyl-d14
Concen: 86.743 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:244 Resp: 991170
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.9 11.0 16.4



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

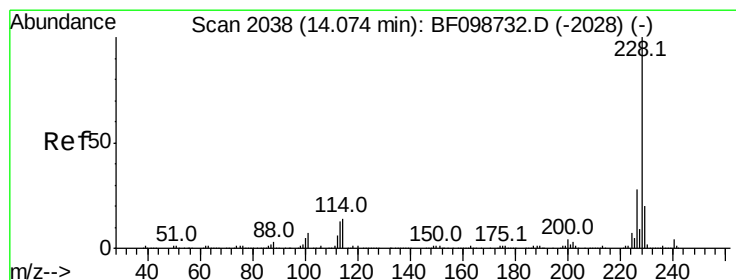
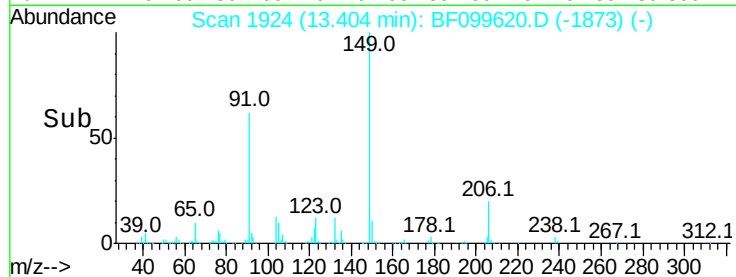
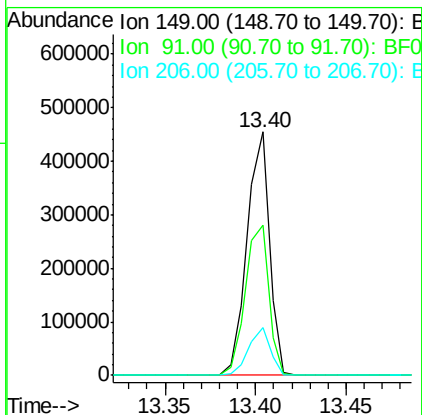
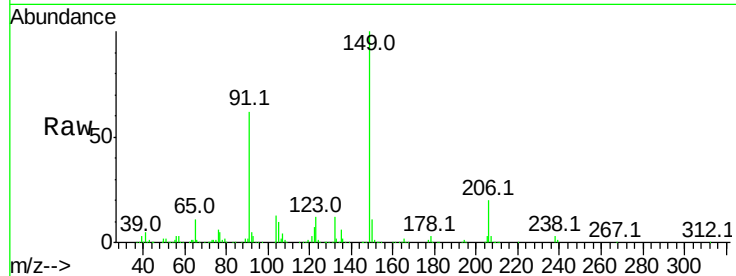




#79
 Butylbenzylphthalate
 Concen: 42.109 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

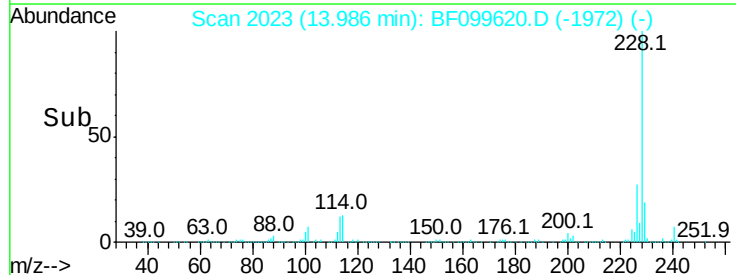
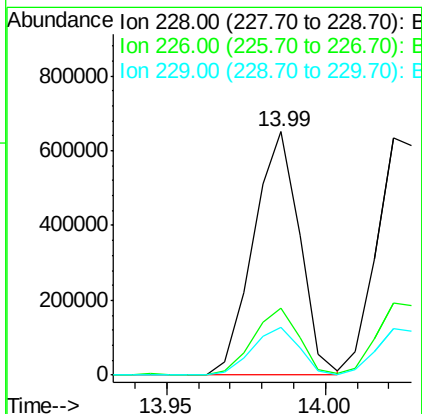
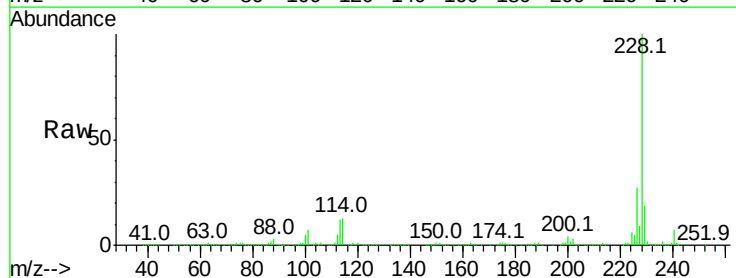
Instrument :
 BNA_F
 ClientSampleId :

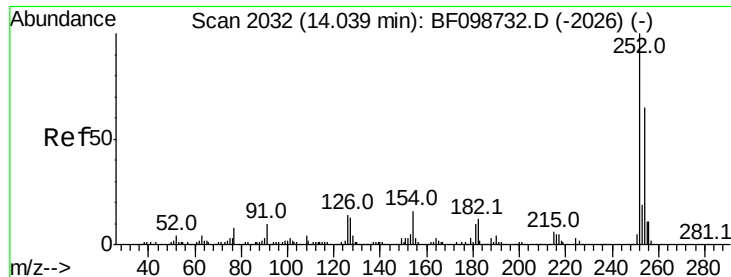
Tot Ion:149 Resp: 392154
 Ion Ratio Lower Upper
 149 100
 91 61.8 56.8 85.2
 206 19.6 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 41.688 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:228 Resp: 655969
 Ion Ratio Lower Upper
 228 100
 226 27.4 22.6 33.8
 229 19.5 15.8 23.6

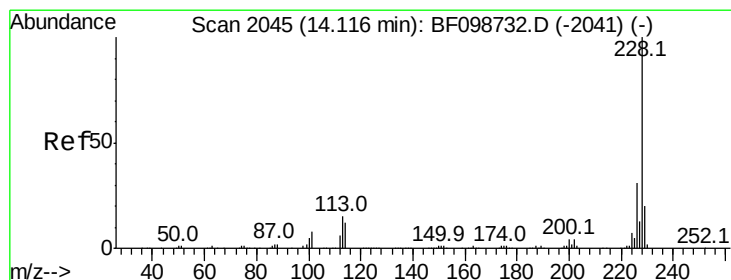
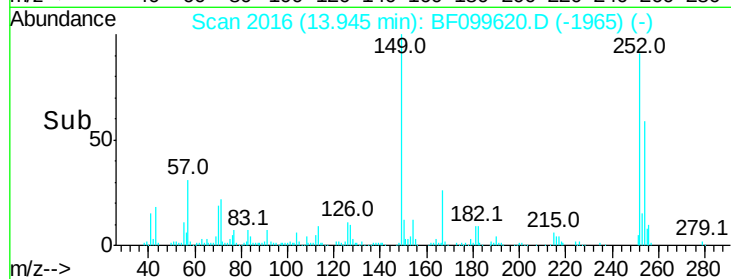
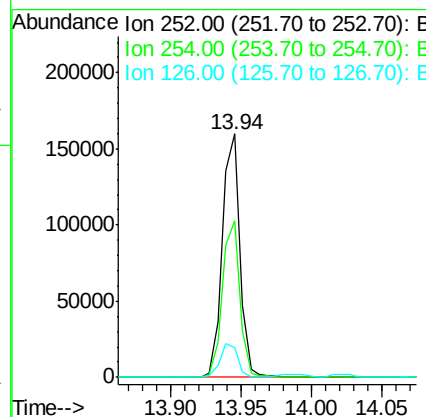
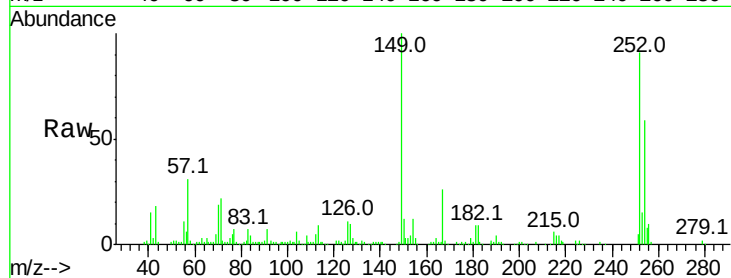




#81
 3,3'-Dichlorobenzidine
 Concen: 24.051 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

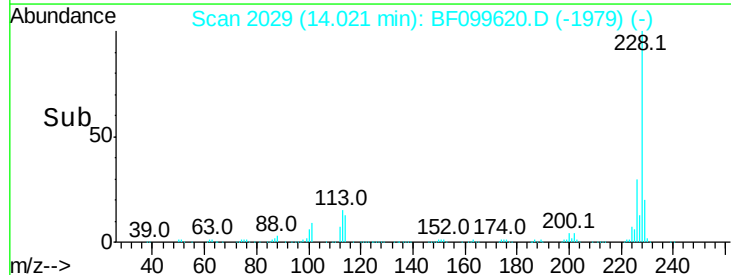
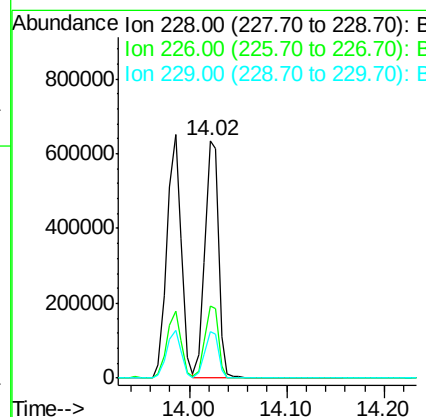
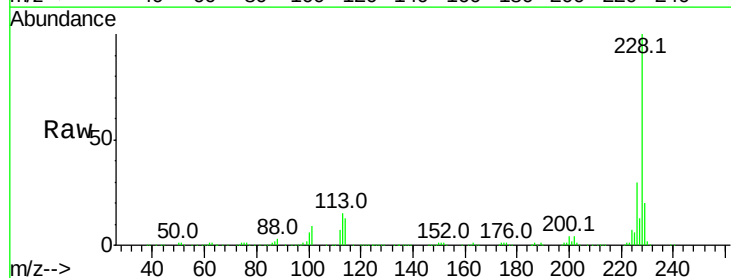
Instrument :
 BNA_F
 ClientSampleId :

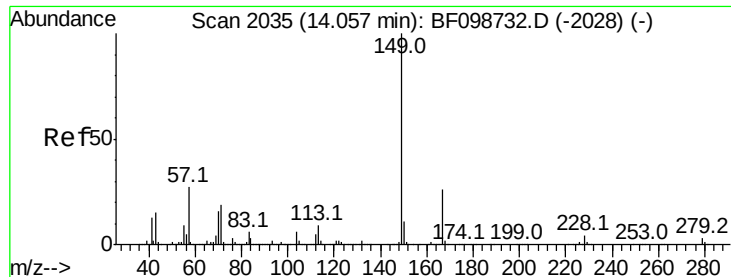
Tot Ion:252 Resp: 138736
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.3 11.3 16.9



#82
 Chrysene
 Concen: 41.461 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099620.D
 Acq: 18 Oct 2017 16:37

Tgt Ion:228 Resp: 621120
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.6
 229 19.6 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.854 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

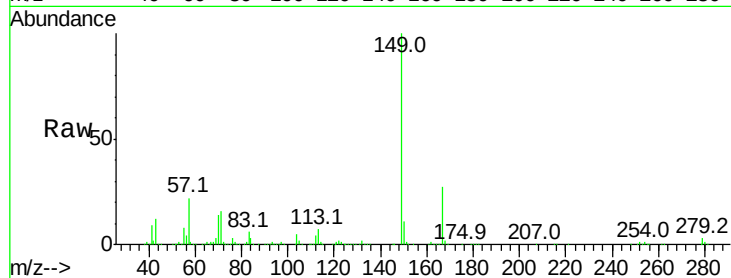
Tot Ion:149 Resp: 523877

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

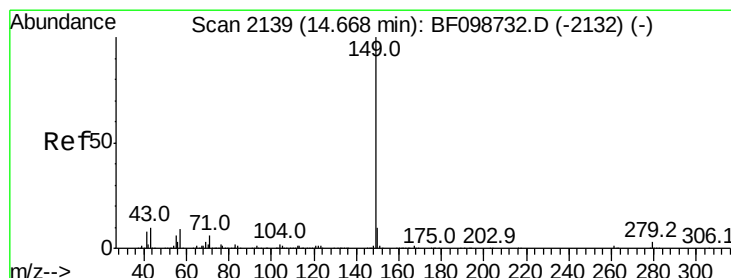
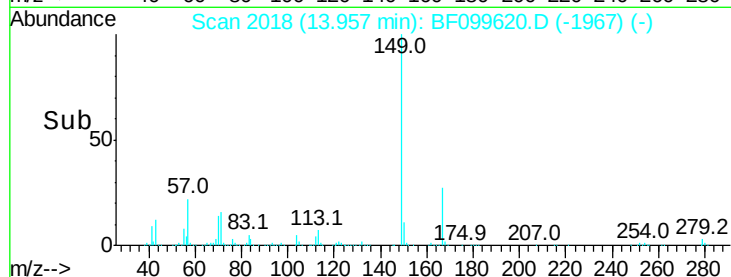
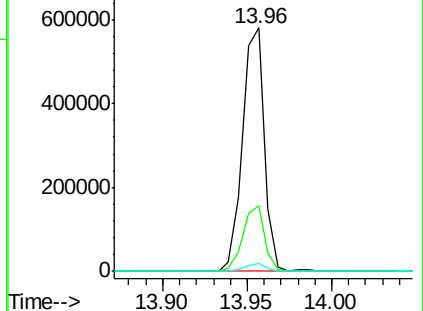
279 3.5 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.314 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

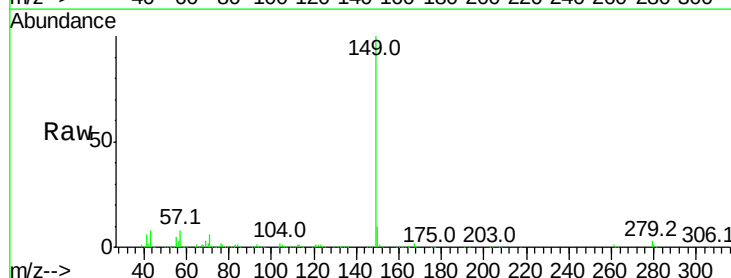
Tgt Ion:149 Resp: 791110

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

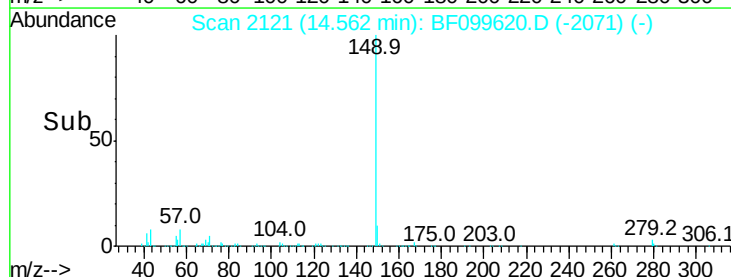
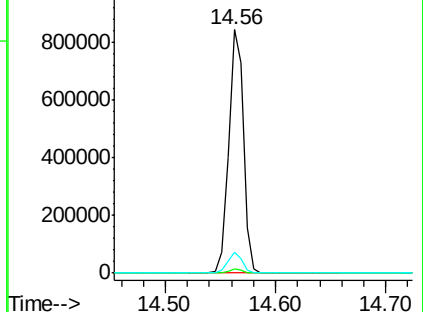
43 8.1 8.4 12.6#

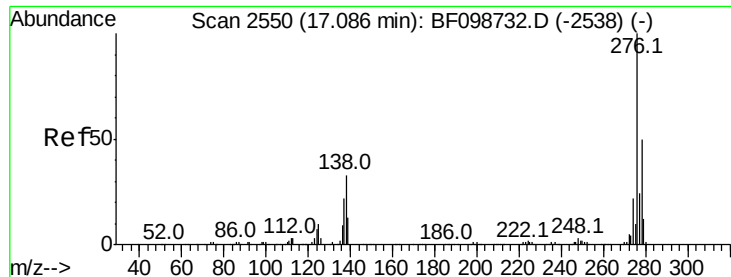


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.129 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :

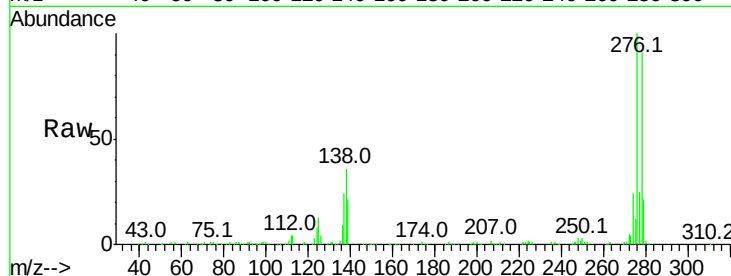
Tot Ion:276 Resp: 432960

Ion Ratio Lower Upper

276 100

138 34.9 25.0 37.6

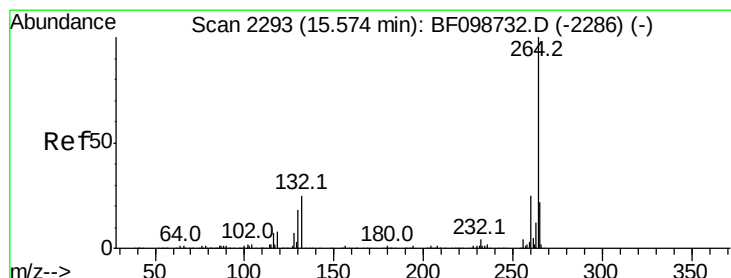
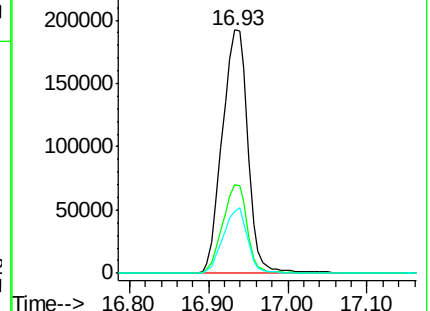
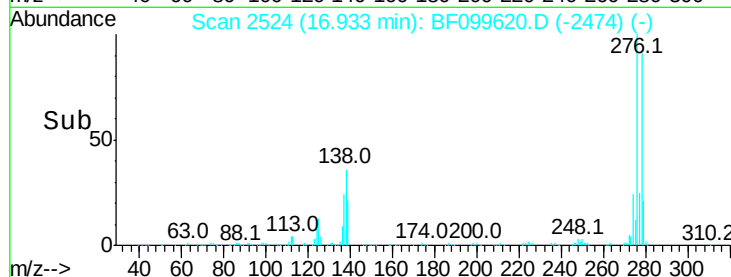
277 25.4 20.1 30.1



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: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

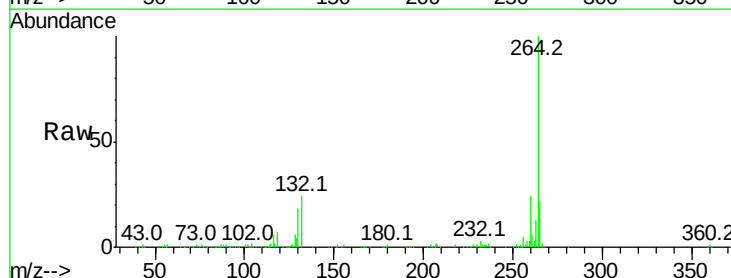
Tgt Ion:264 Resp: 188680

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

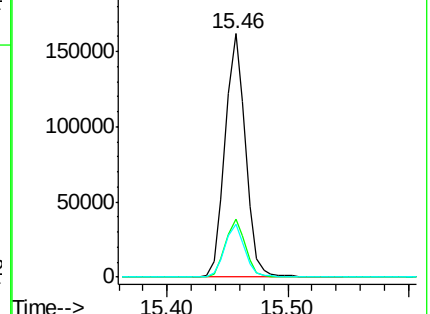
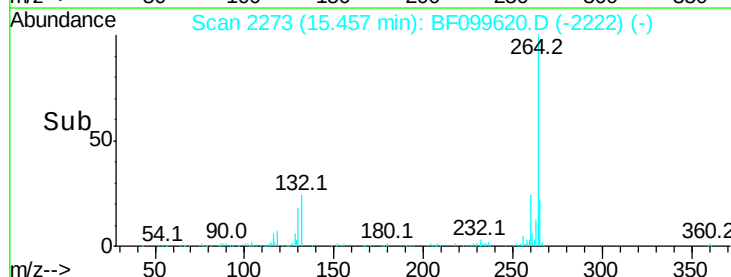
265 21.5 17.5 26.3

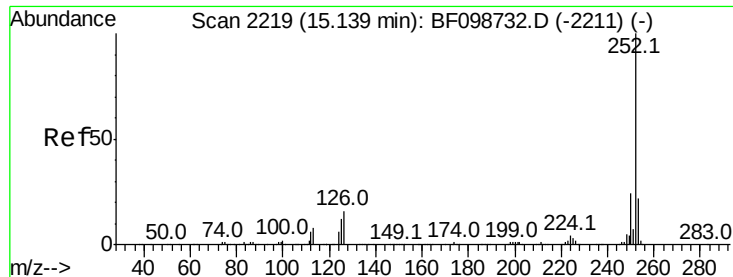


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

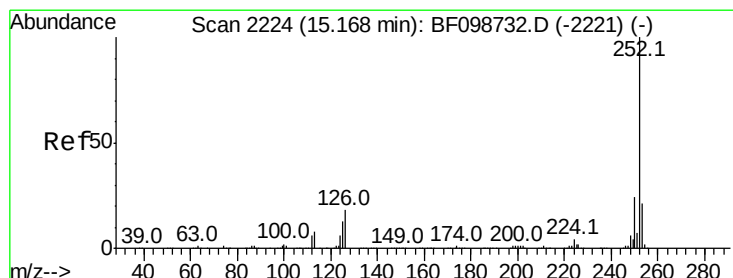
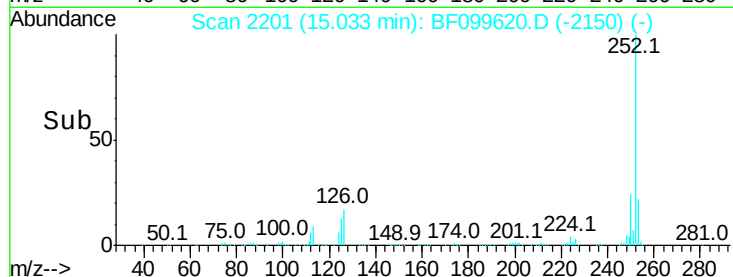
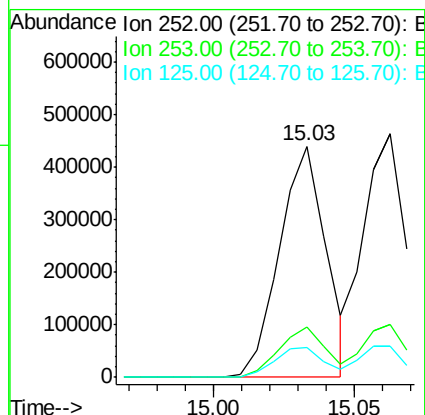
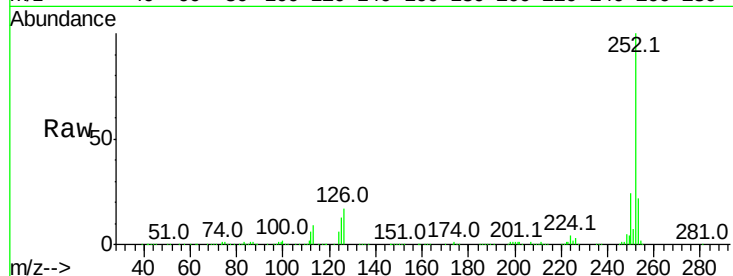




#87
Benzo(b)fluoranthene
Concen: 43.353 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

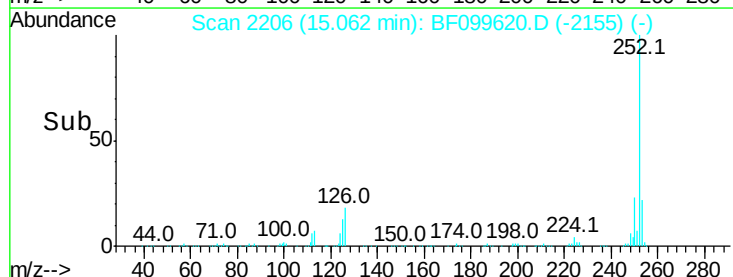
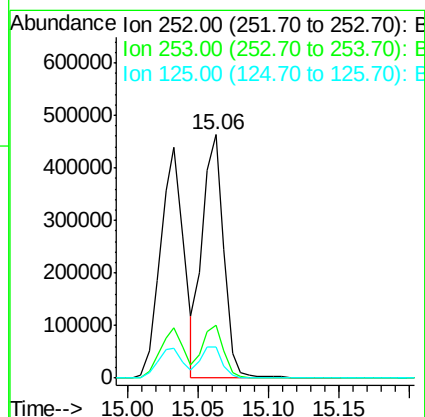
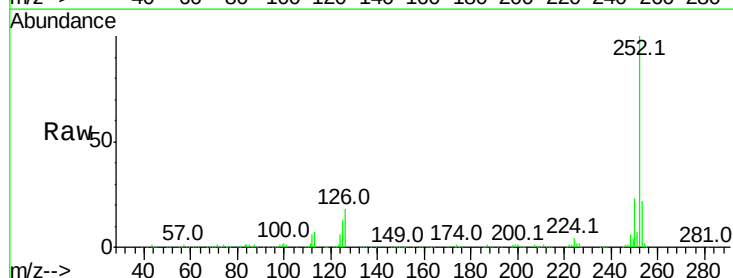
Instrument :
BNA_F
ClientSampleId :

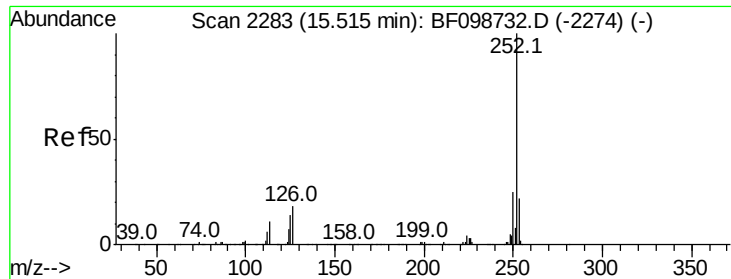
Tot Ion:252 Resp: 502929
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.456 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:252 Resp: 486473
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 12.7 10.2 15.2

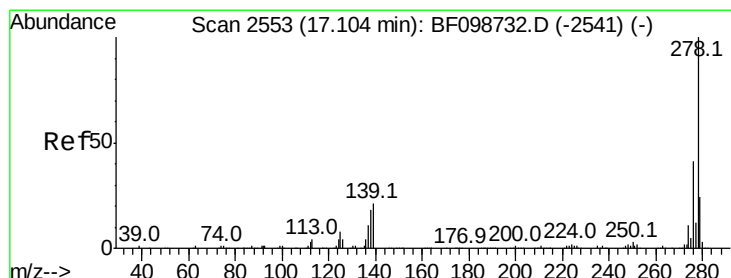
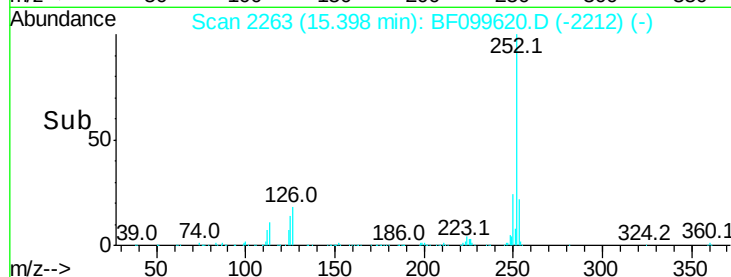
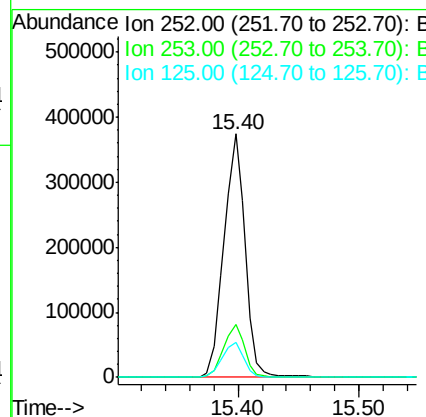
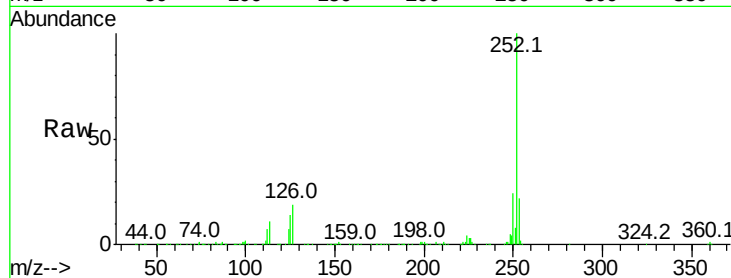




#89
Benzo(a)pyrene
Concen: 42.515 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

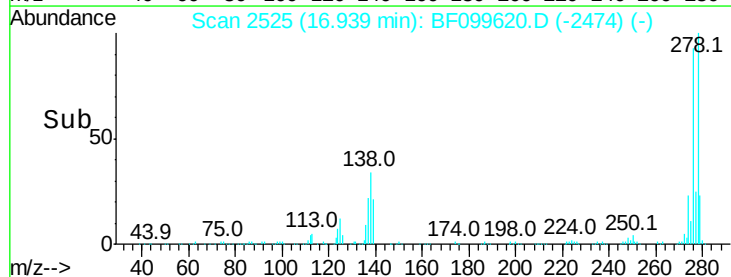
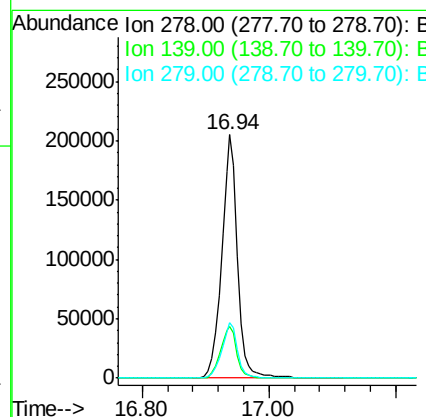
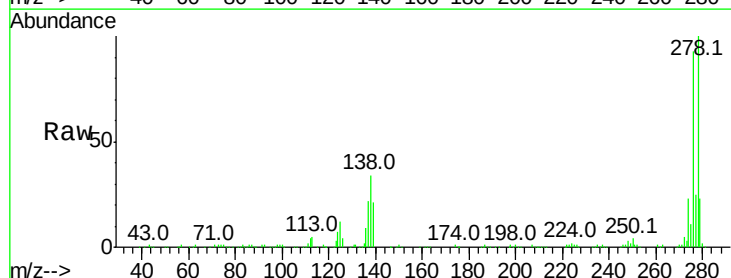
Instrument :
BNA_F
ClientSampled :

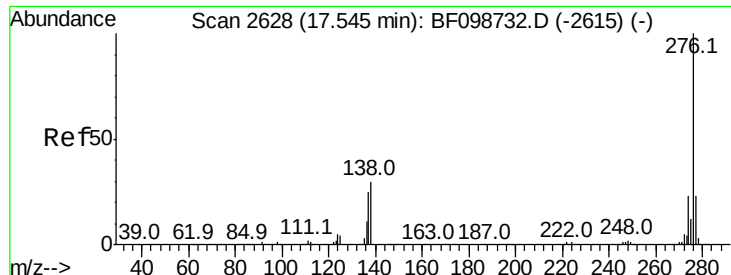
Tot Ion:252 Resp: 452729
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 14.4 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 42.467 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF099620.D
Acq: 18 Oct 2017 16:37

Tgt Ion:278 Resp: 361905
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 23.0 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 45.404 ng

RT: 17.38 min Scan# 2600

Delta R.T. 0.01 min

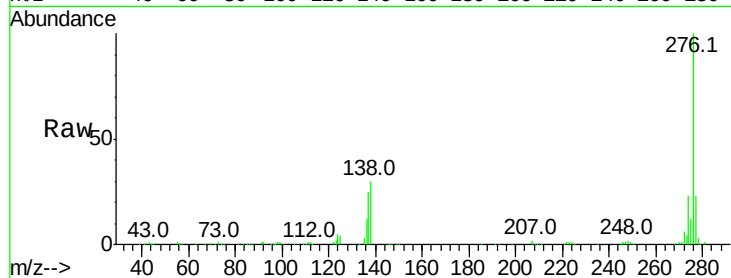
Lab File: BF099620.D

Acq: 18 Oct 2017 16:37

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 382484

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 29.8 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

