

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099477.D
 Acq On : 14 Oct 2017 15:23
 Operator : SJ/JU
 Sample : PB103186BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:03:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96520	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	401933	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	181304	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	322879	20.00	ng	0.00
75) Chrysene-d12	14.03	240	220803	20.00	ng	0.01
86) Perylene-d12	15.49	264	175387	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	735349	121.28	ng	0.02
7) Phenol-d6	6.50	99	880605	117.73	ng	0.01
23) Nitrobenzene-d5	7.42	82	528096	84.26	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	184003	124.03	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1010497	93.04	ng	0.00
78) Terphenyl-d14	12.96	244	882732	90.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	108133	37.335	ng	96
3) Pyridine	3.49	79	291301	37.179	ng	89
4) n-Nitrosodimethylamine	3.44	42	120028	36.126	ng	81
6) Aniline	6.52	93	159708	15.821	ng	98
8) 2-Chlorophenol	6.65	128	293561	42.754	ng	92
9) Benzaldehyde	6.41	77	97817	22.545	ng	89
10) Phenol	6.51	94	347303	41.518	ng	95
11) bis(2-Chloroethyl)ether	6.59	93	268432	41.278	ng	96
12) 1,3-Dichlorobenzene	6.79	146	311628	43.336	ng	97
13) 1,4-Dichlorobenzene	6.87	146	313098	42.794	ng	98
14) 1,2-Dichlorobenzene	7.02	146	288856	42.728	ng	99
15) Benzyl Alcohol	7.00	79	218945	39.902	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	373402	36.854	ng	78
17) 2-Methylphenol	7.11	107	240362	42.783	ng	99
18) Hexachloroethane	7.36	117	109474	41.629	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	179202	37.526	ng	92
20) 3+4-Methylphenols	7.26	107	289836	40.779	ng	# 62
22) Acetophenone	7.26	105	373687	38.374	ng	# 96
24) Nitrobenzene	7.44	77	285904	40.214	ng	96
25) Isophorone	7.67	82	529195	40.839	ng	99
26) 2-Nitrophenol	7.76	139	162235	47.453	ng	# 88
27) 2,4-Dimethylphenol	7.79	122	256339	39.702	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	342480	42.411	ng	99
29) 2,4-Dichlorophenol	8.00	162	240760	43.432	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	246325	44.428	ng	99
31) Naphthalene	8.16	128	824856	43.696	ng	100
32) Benzoic acid	7.92	122	123050	23.201	ng	96
33) 4-Chloroaniline	8.21	127	55082	6.987	ng	97
34) Hexachlorobutadiene	8.27	225	120321	42.133	ng	98
35) Caprolactam	8.59	113	48124	27.064	ng	87
36) 4-Chloro-3-methylphenol	8.70	107	252930	40.594	ng	95
37) 2-Methylnaphthalene	8.85	142	567814	46.270	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	227159	42.012	ng	99
40) Hexachlorocyclopentadiene	9.00	237	142722	57.759	ng	97

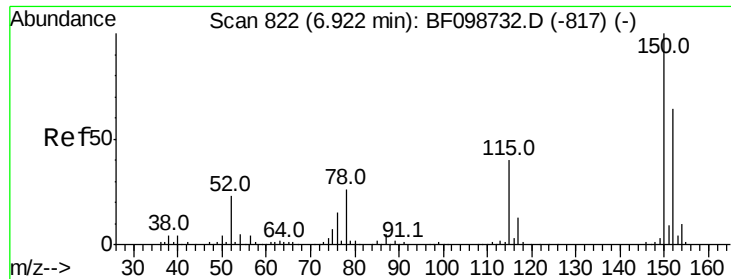
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099477.D
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	151948	39.668	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	159930	41.825	nq	96
45) 1,1'-Biphenyl	9.31	154	660119	42.364	nq	99
46) 2-Chloronaphthalene	9.34	162	517303	44.217	nq	97
47) 2-Nitroaniline	9.44	65	149808	41.819	nq	98
48) Acenaphthylene	9.76	152	787535	43.973	nq	99
49) Dimethylphthalate	9.62	163	599779	43.831	nq	100
50) 2,6-Dinitrotoluene	9.68	165	134212	45.052	nq	92
51) Acenaphthene	9.93	154	460762	40.614	nq	99
52) 3-Nitroaniline	9.85	138	51344	14.781	nq	89
53) 2,4-Dinitrophenol	9.97	184	75850	51.169	nq	90
54) Dibenzofuran	10.10	168	681072	45.088	nq	99
55) 4-Nitrophenol	10.03	139	157294	53.553	nq	86
56) 2,4-Dinitrotoluene	10.09	165	173106	44.773	nq	# 92
57) Fluorene	10.44	166	542863	44.713	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	115218	43.619	nq	98
59) Diethylphthalate	10.31	149	569889	42.621	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	244220	44.780	nq	99
61) 4-Nitroaniline	10.47	138	149539	44.623	nq	85
62) Azobenzene	10.59	77	538821	43.827	nq	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	66825	34.017	nq	# 75
65) n-Nitrosodiphenylamine	10.55	169	488366	43.661	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	140839	44.563	nq	91
67) Hexachlorobenzene	10.99	284	143068	42.384	nq	93
68) Atrazine	11.08	200	153773	45.693	nq	98
69) Pentachlorophenol	11.19	266	110901	52.791	nq	99
70) Phenanthrene	11.40	178	772651	44.706	nq	99
71) Anthracene	11.46	178	814773	46.075	nq	100
72) Carbazole	11.62	167	756663	43.695	nq	99
73) Di-n-butylphthalate	11.93	149	907335	43.530	nq	99
74) Fluoranthene	12.60	202	799933	45.708	nq	97
76) Benzidine	12.72	184	221854	27.166	nq	98
77) Pyrene	12.83	202	820174	48.712	nq	99
79) Butylbenzylphthalate	13.43	149	380105	48.035	nq	92
80) Benzo(a)anthracene	14.02	228	616790	46.132	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	81516	16.631	nq	99
82) Chrysene	14.05	228	587512	46.155	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	498270	45.731	nq	99
84) Di-n-octyl phthalate	14.59	149	740616	42.213	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.99	276	496594	48.770	nq	97
87) Benzo(b)fluoranthene	15.06	252	504331	46.769	nq	# 98
88) Benzo(k)fluoranthene	15.09	252	454194	42.644	nq	98
89) Benzo(a)pyrene	15.43	252	457456	46.215	nq	# 96
90) Dibenzo(a,h)anthracene	17.00	278	409226	51.659	nq	99
91) Benzo(g,h,i)perylene	17.44	276	435156	55.572	nq	97

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

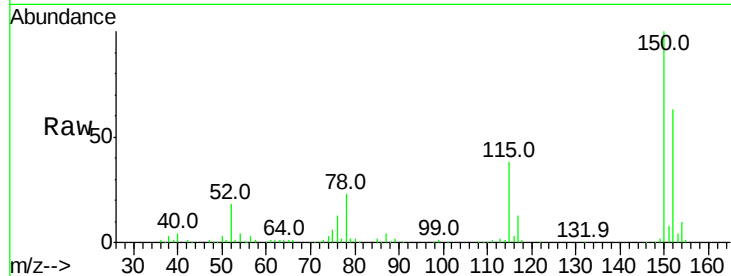


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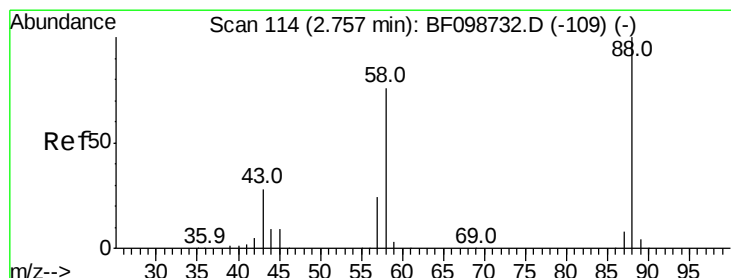
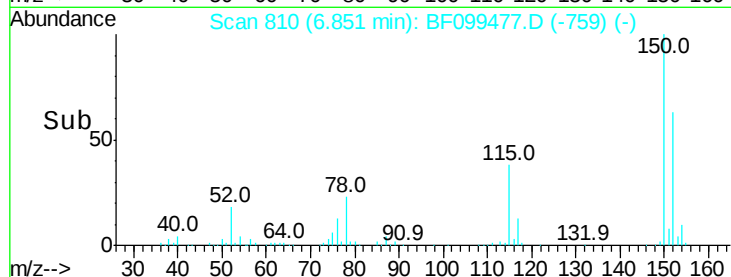
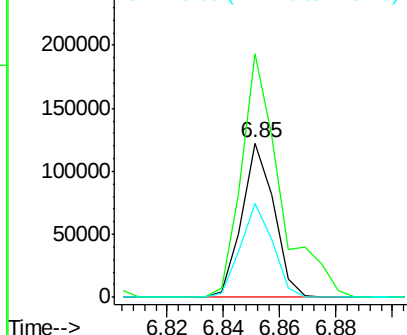
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96520
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 60.8 50.1 75.1



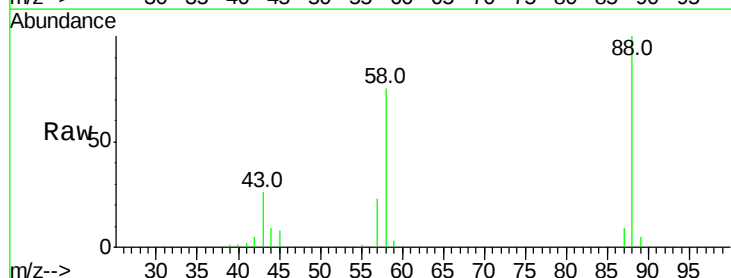
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



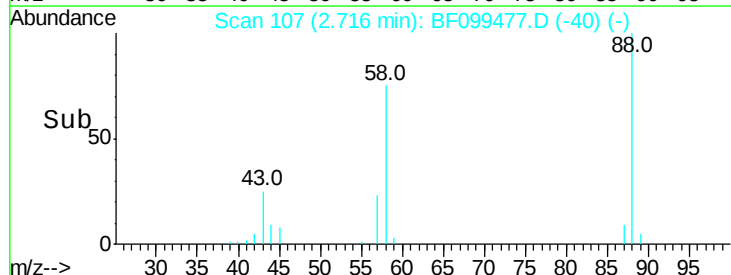
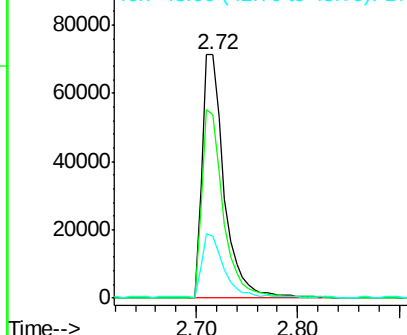
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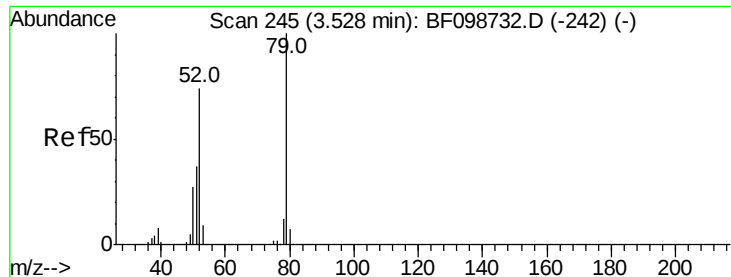
1,4-Dioxane
Concen: 37.335 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.09 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion: 88 Resp: 108133
Ion Ratio Lower Upper
88 100
58 75.5 62.6 93.8
43 27.0 24.6 37.0



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





#3

Pvridine

Concen: 37.179 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.09 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

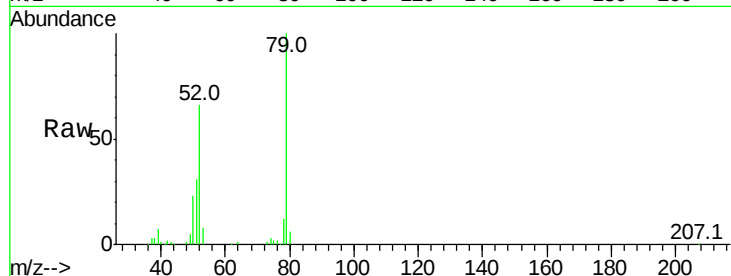
Tot Ion: 79 Resp: 291301

Ion Ratio Lower Upper

79 100

52 65.5 59.8 89.6

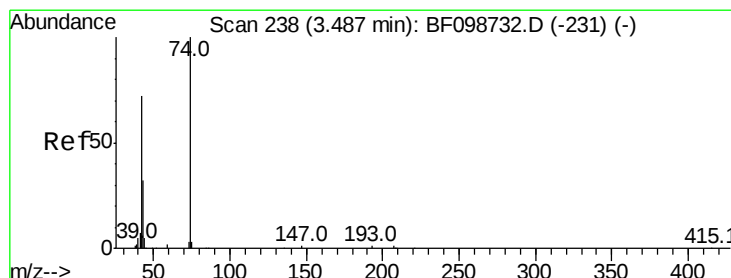
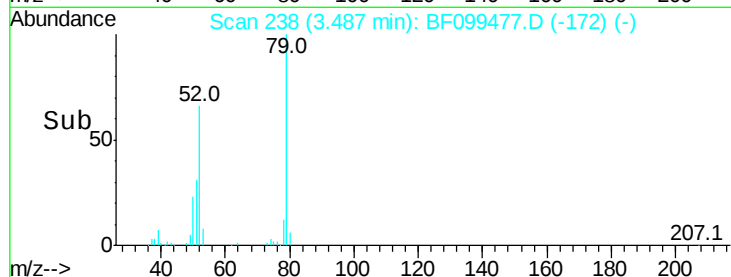
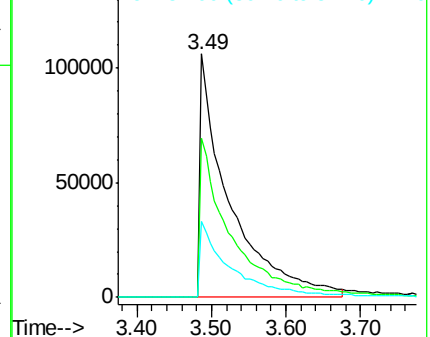
51 31.3 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 36.126 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

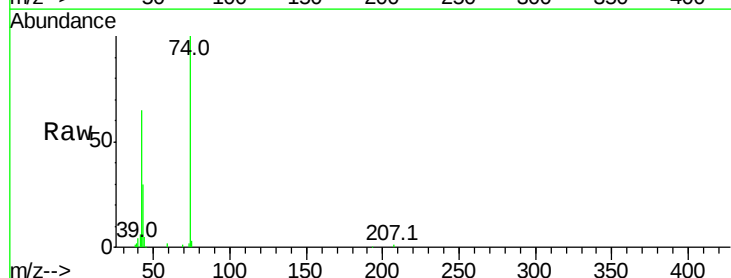
Tgt Ion: 42 Resp: 120028

Ion Ratio Lower Upper

42 100

74 154.6 104.9 157.3

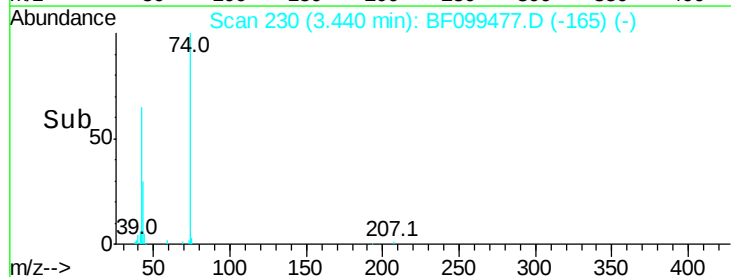
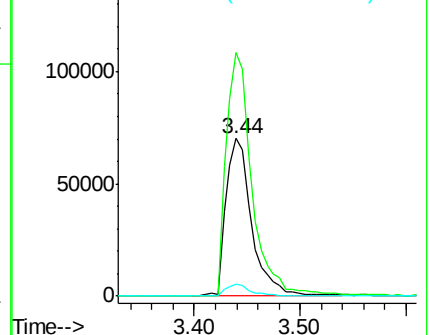
44 7.4 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

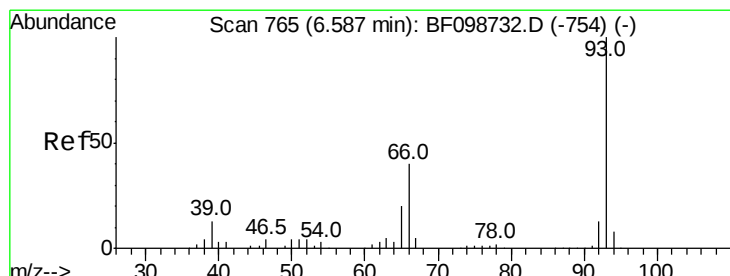
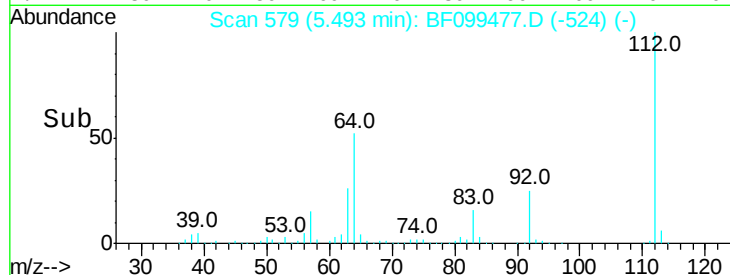
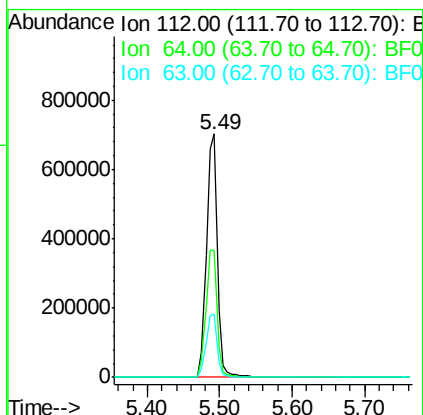
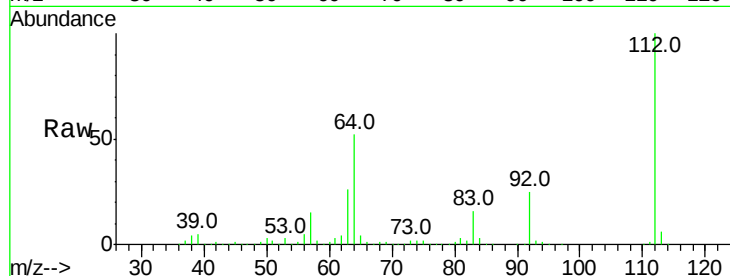




#5
 2-Fluorophenol
 Concen: 121.281 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.02 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

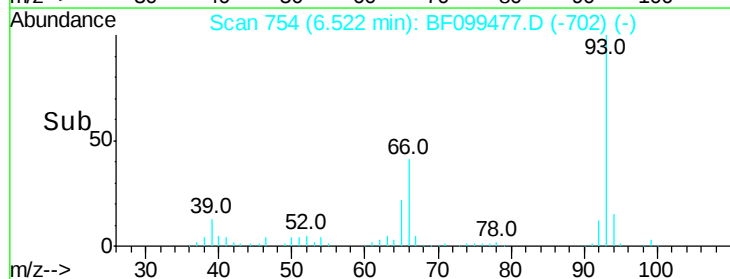
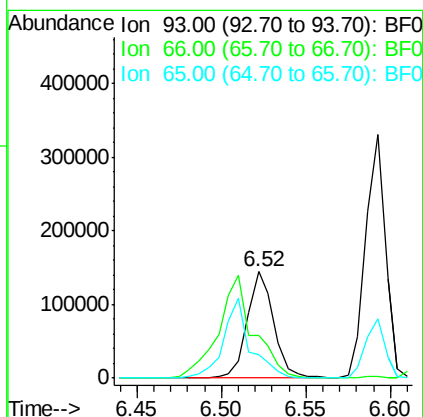
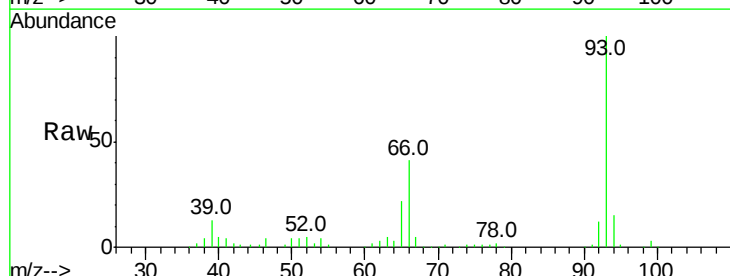
Instrument :
 BNA_F
 ClientSampleId :

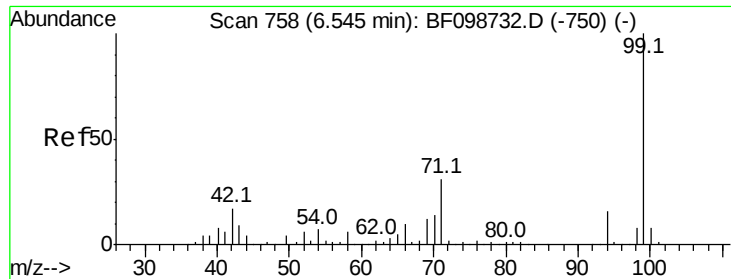
Tot Ion: 112 Resp: 735349
 Ion Ratio Lower Upper
 112 100
 64 52.1 47.9 71.9
 63 25.8 23.7 35.5



#6
 Aniline
 Concen: 15.821 ng
 RT: 6.52 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion: 93 Resp: 159708
 Ion Ratio Lower Upper
 93 100
 66 40.6 32.2 48.2
 65 22.1 16.4 24.6





#7

Phenol-d6

Concen: 117.734 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampled :

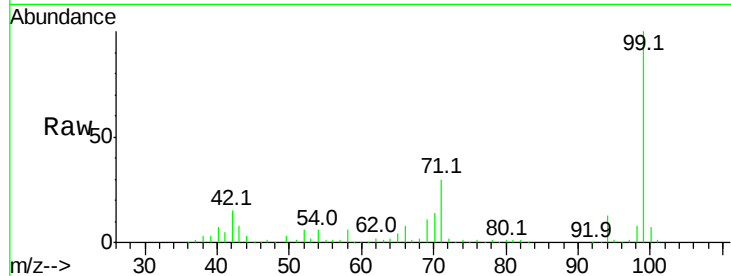
Tot Ion: 99 Resp: 880605

Ion Ratio Lower Upper

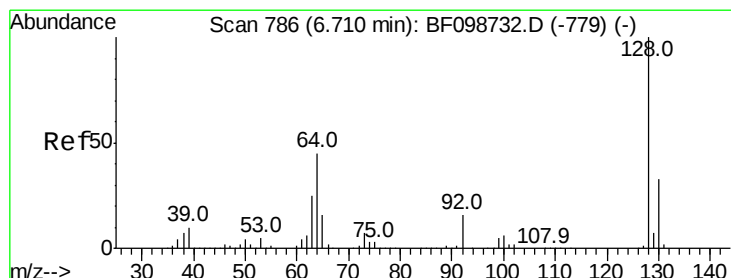
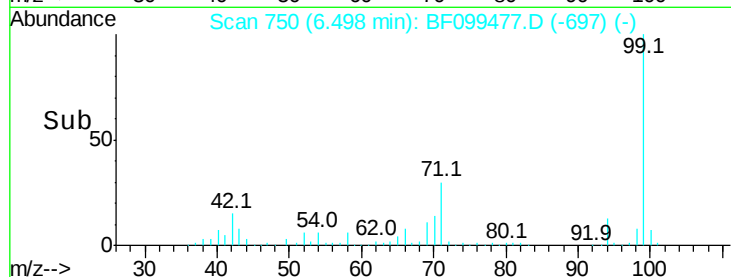
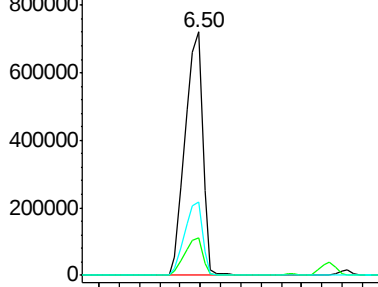
99 100

42 15.2 14.5 21.7

71 30.4 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: 42.754 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

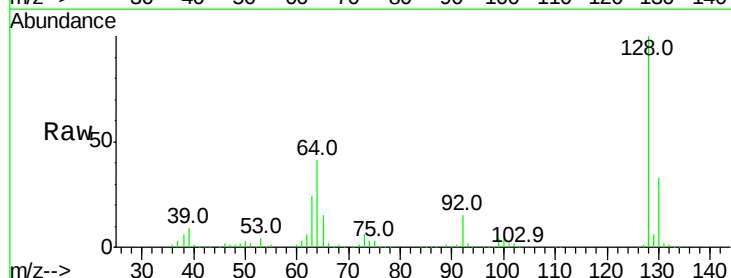
Tgt Ion: 128 Resp: 293561

Ion Ratio Lower Upper

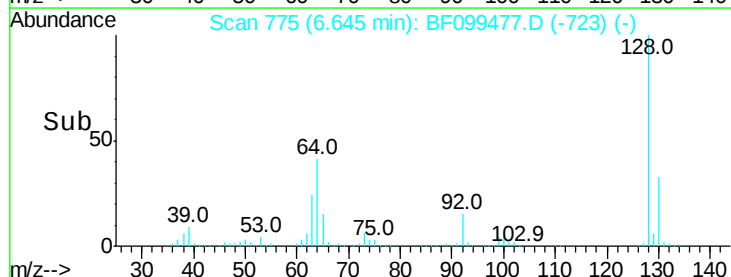
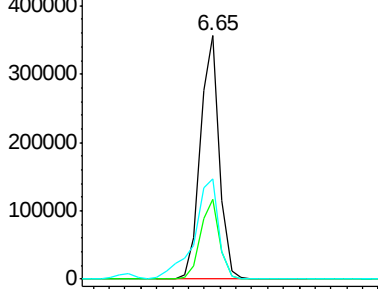
128 100

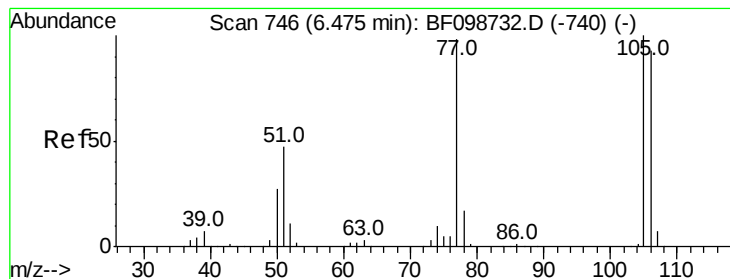
130 32.6 13.0 53.0

64 41.0 29.4 69.4



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





#9

Benzaldehyde

Concen: 22.545 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

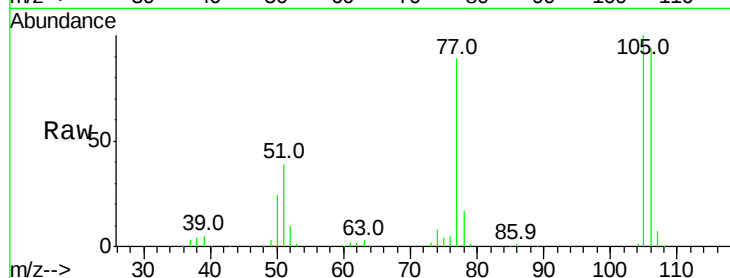
Tot Ion: 77 Resp: 97817

Ion Ratio Lower Upper

77 100

105 111.8 81.1 121.1

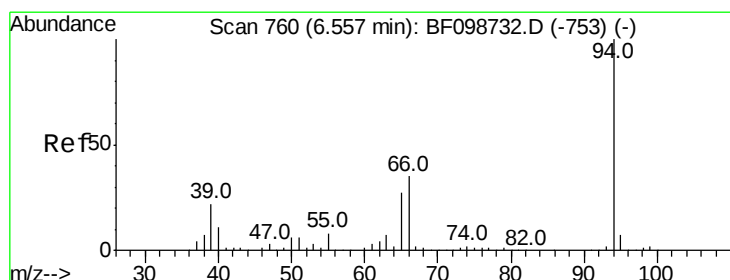
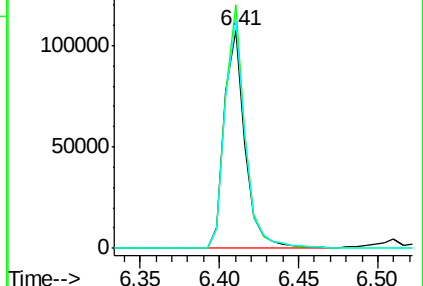
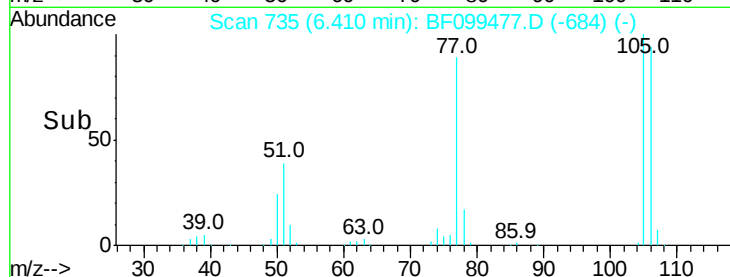
106 105.3 74.5 114.5



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: 41.518 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

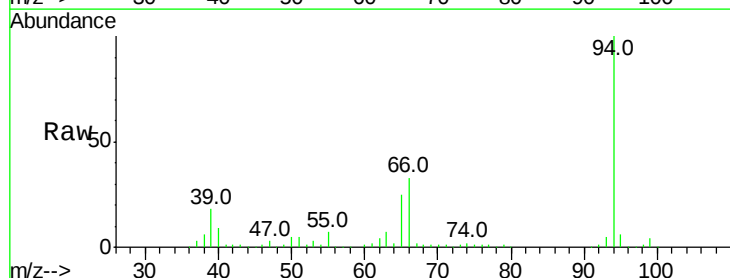
Tgt Ion: 94 Resp: 347303

Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

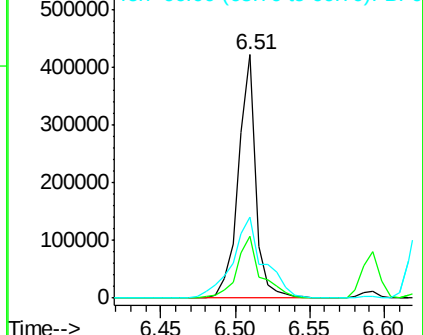
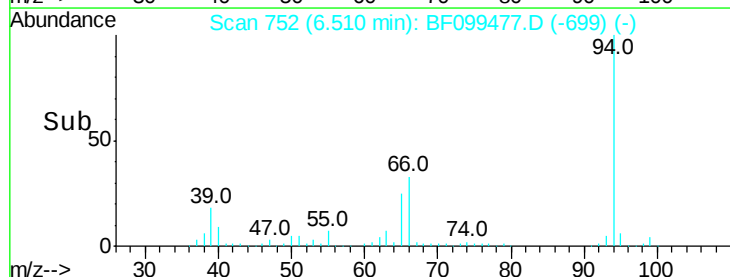
66 33.3 16.2 56.2

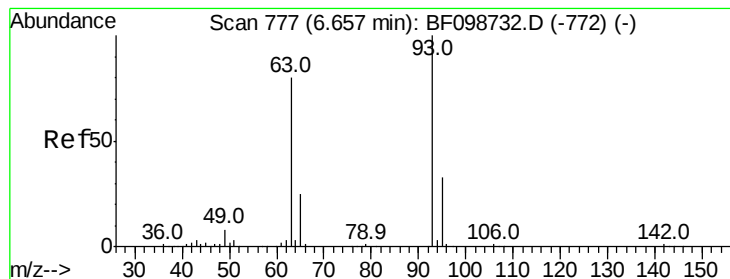


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.278 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

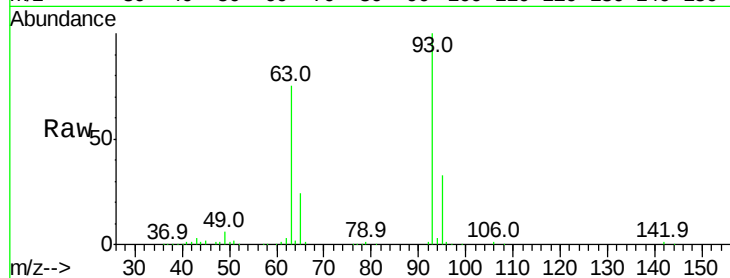
Tot Ion: 93 Resp: 268432

Ion Ratio Lower Upper

93 100

63 74.8 58.6 98.6

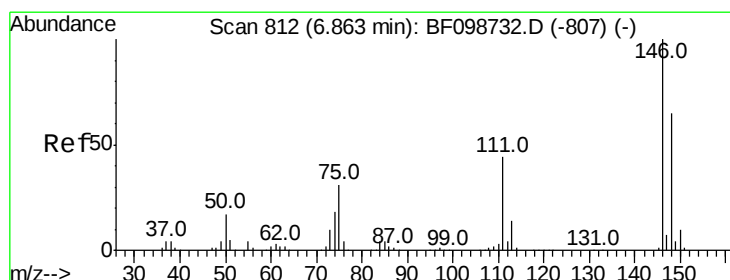
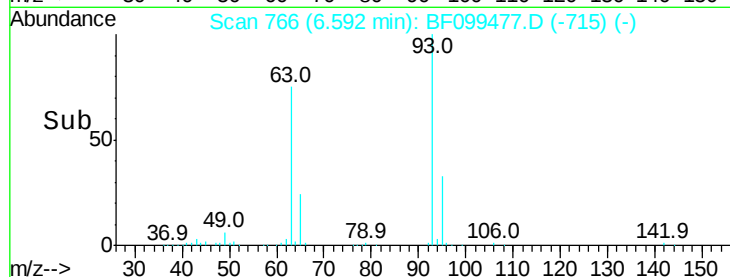
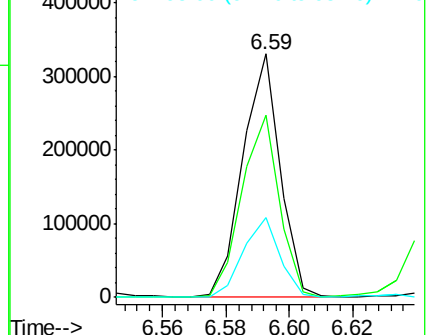
95 32.6 11.8 51.8



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: 43.336 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

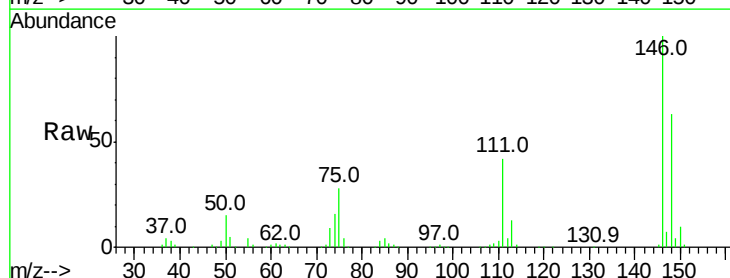
Tgt Ion: 146 Resp: 311628

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.8

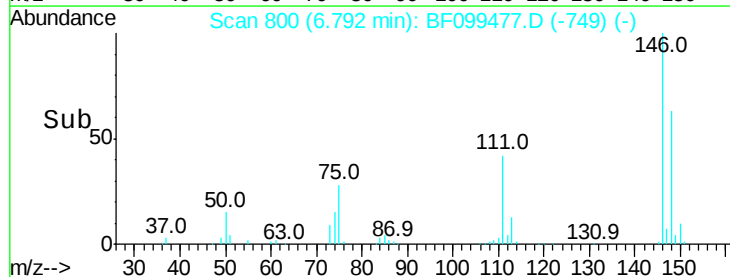
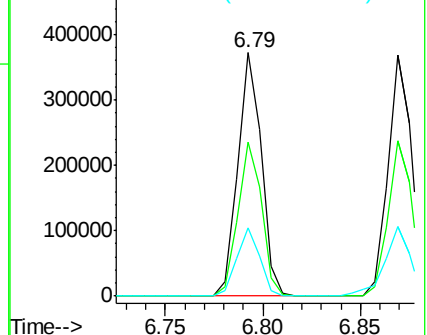
75 28.0 24.2 36.4

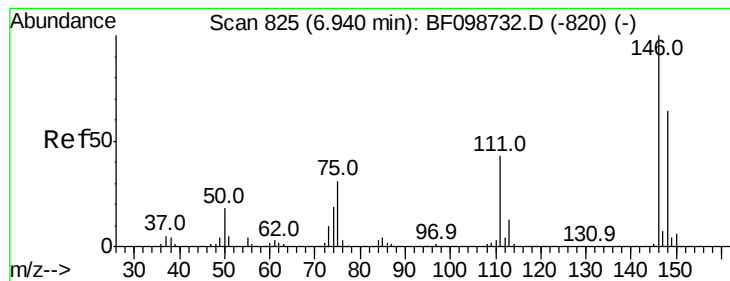


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.794 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampled :

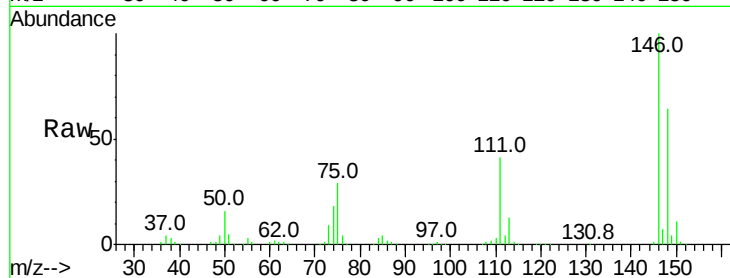
Tot Ion:146 Resp: 313098

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

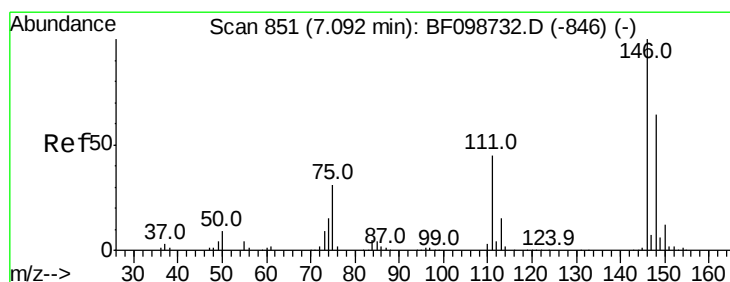
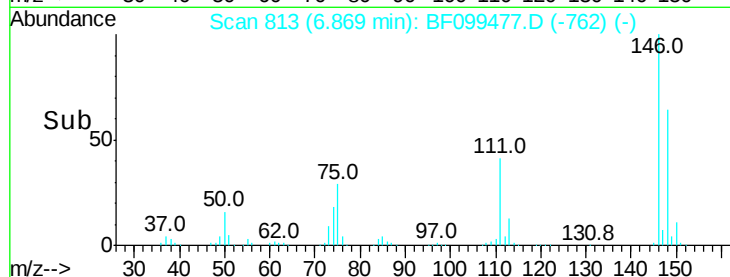
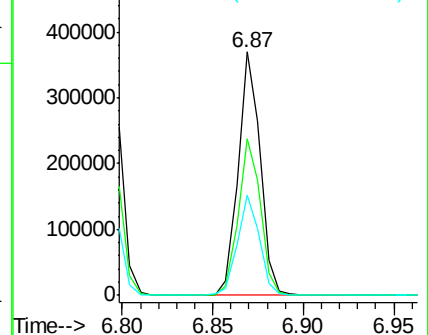
111 41.2 34.2 51.2



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: 42.728 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

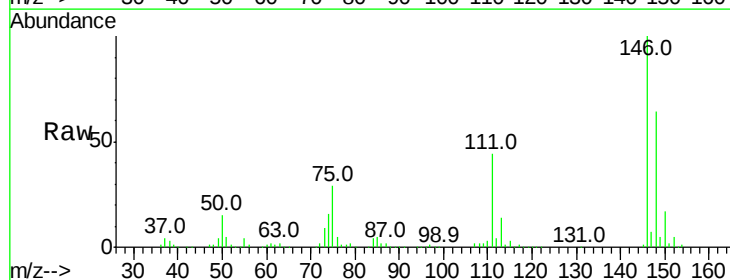
Tgt Ion:146 Resp: 288856

Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

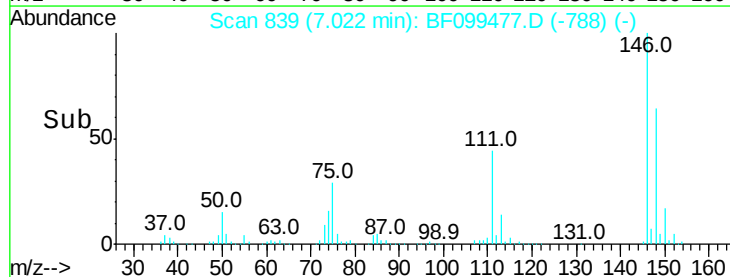
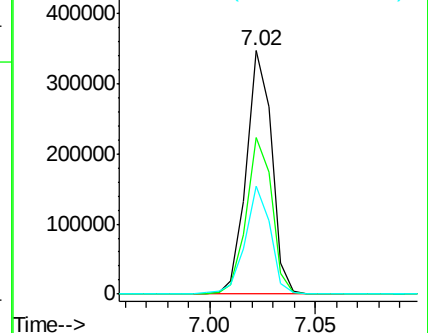
111 44.3 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.902 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

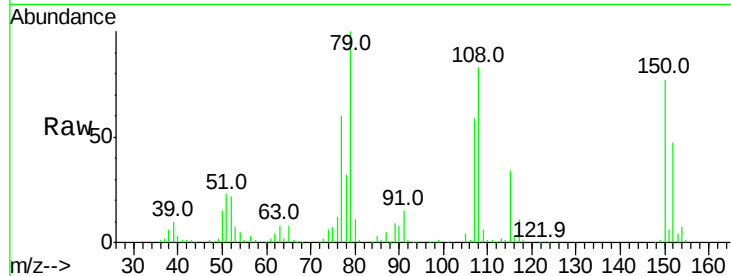
Tot Ion: 79 Resp: 218945

Ion Ratio Lower Upper

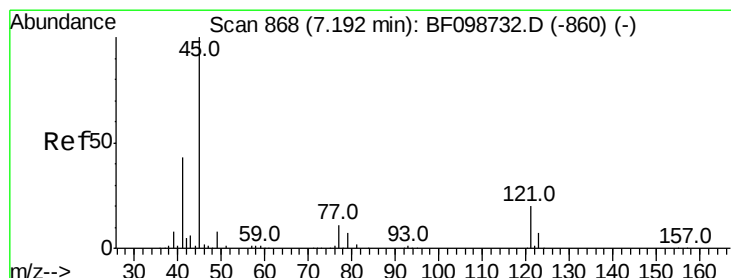
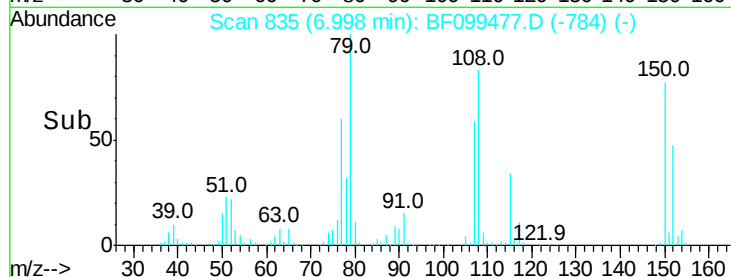
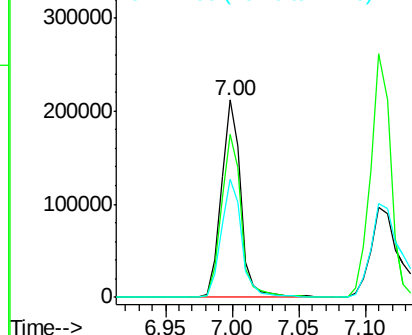
79 100

108 83.0 65.1 97.7

77 59.7 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: 36.854 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

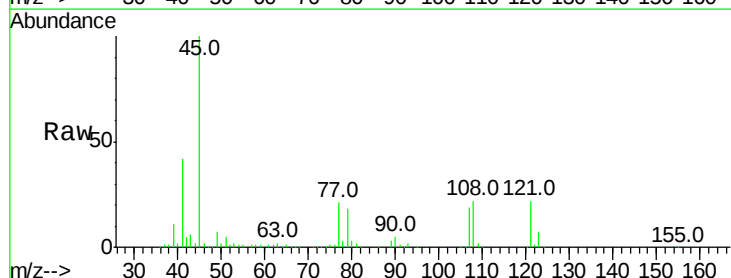
Tgt Ion: 45 Resp: 373402

Ion Ratio Lower Upper

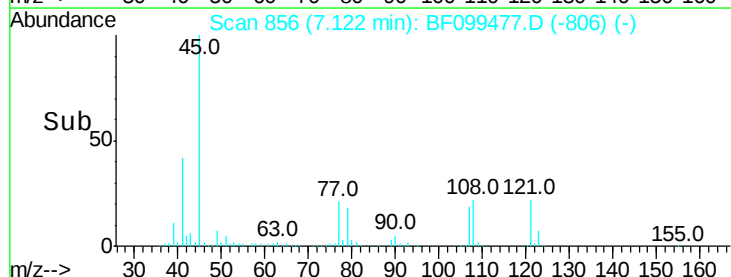
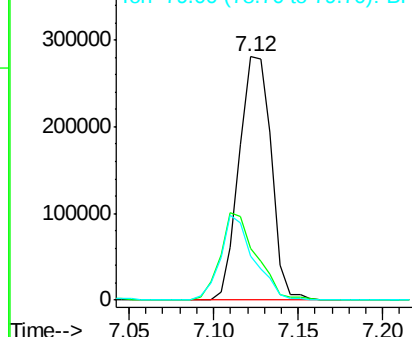
45 100

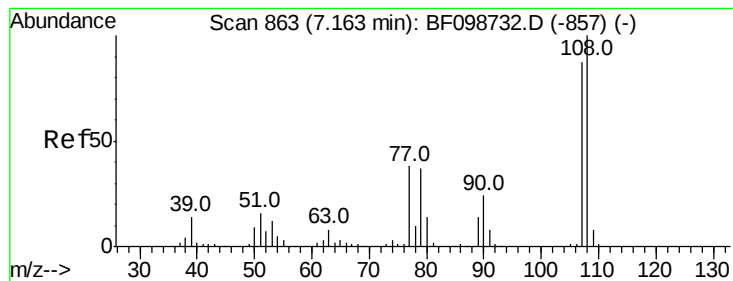
77 21.3 0.0 32.9

79 18.1 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

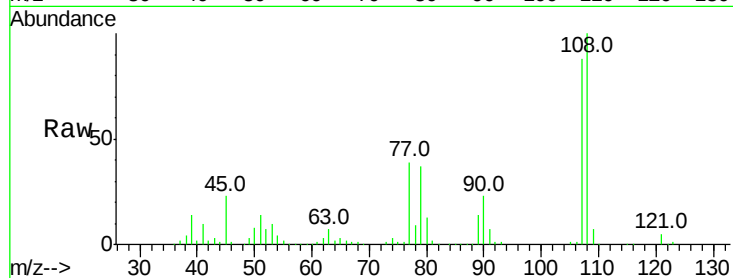




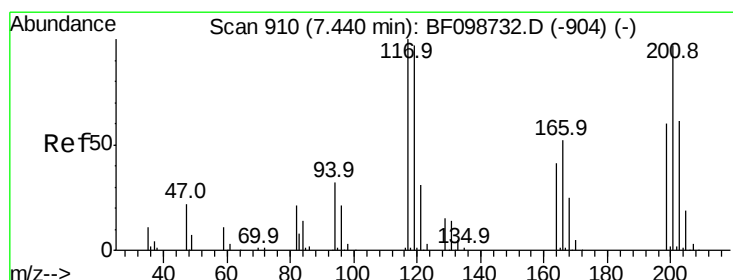
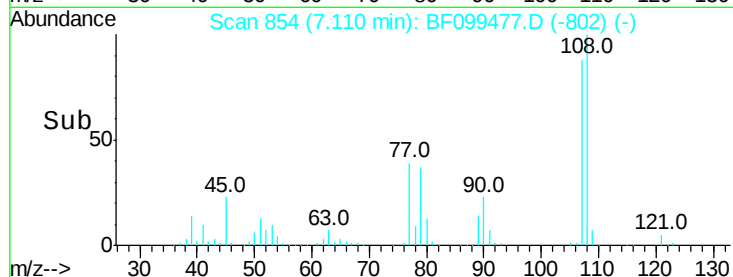
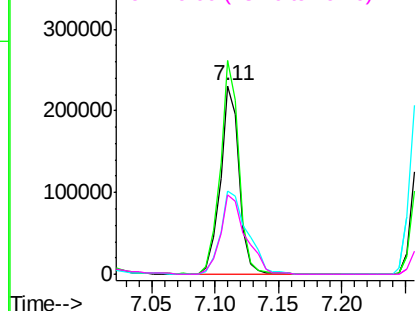
#17
2-Methylphenol
Concen: 42.783 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 240362
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 43.8 33.8 50.8
79 42.1 33.8 50.8

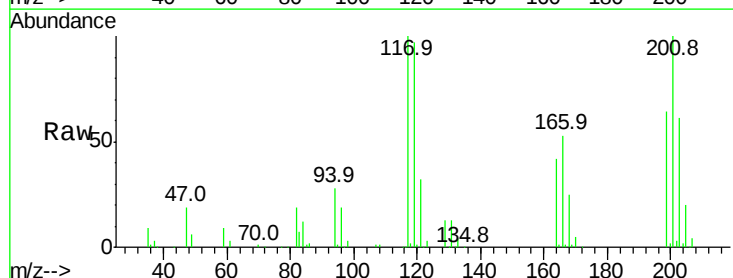


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

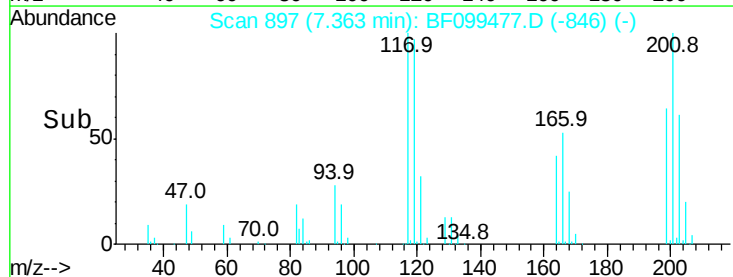
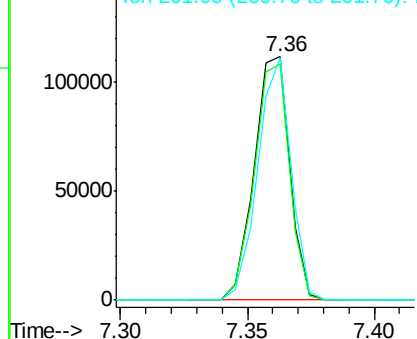


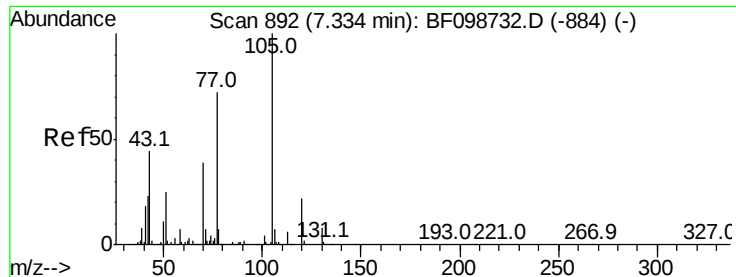
#18
Hexachloroethane
Concen: 41.629 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:117 Resp: 109474
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 99.5 75.7 113.5



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

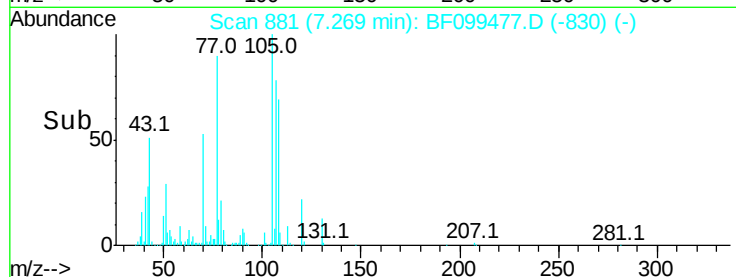
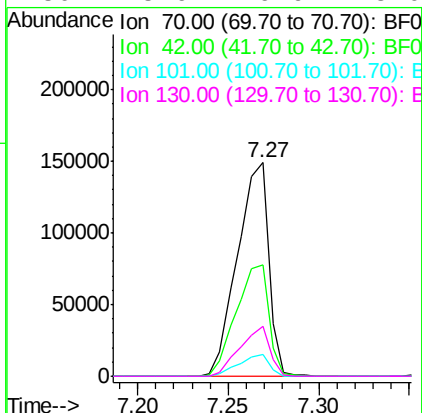
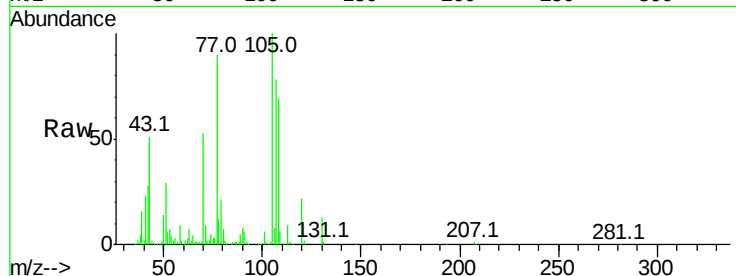




#19
n-Nitroso-di-n-propylamine
Concen: 37.526 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

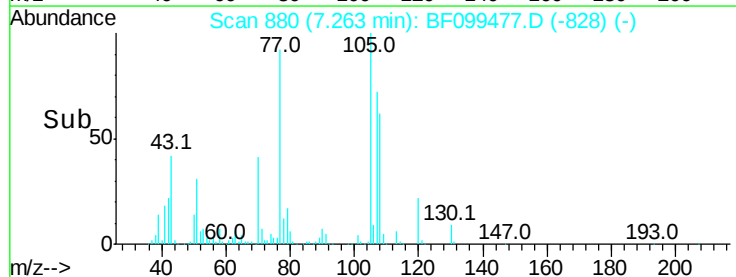
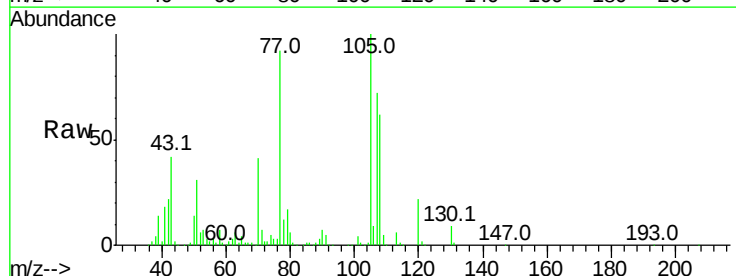
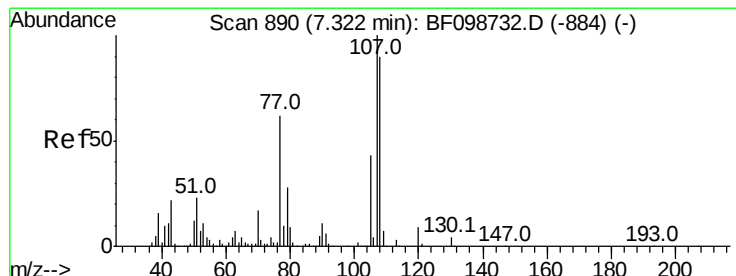
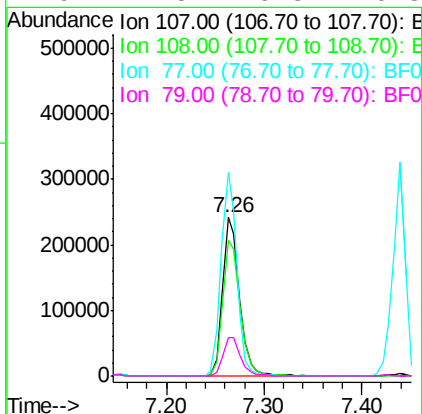
Instrument :
BNA_F
ClientSampleId :

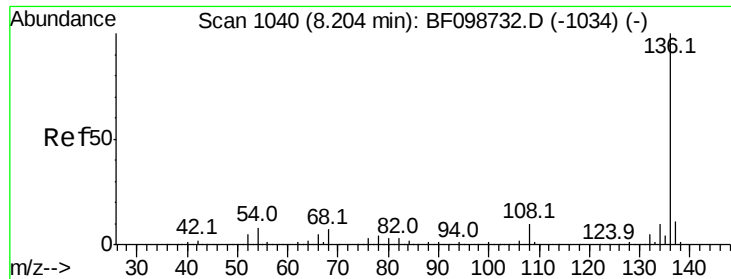
Tot Ion	Ratio	Lower	Upper
70	100		
42	52.4	47.5	71.3
101	10.4	7.4	11.2
130	23.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 40.779 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.2	108.2
77	128.2	26.7	66.7#
79	24.3	6.3	46.3

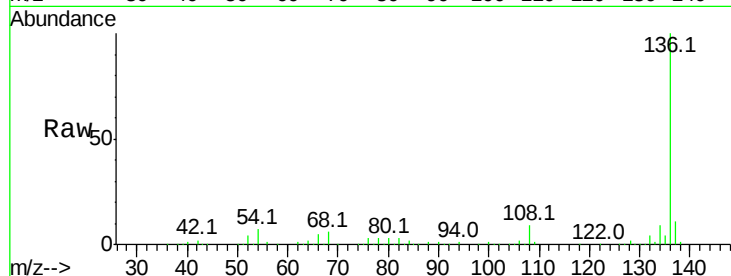




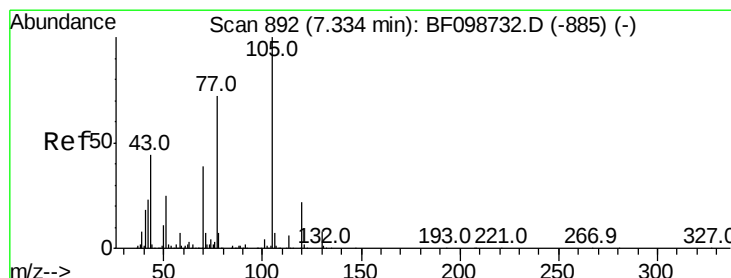
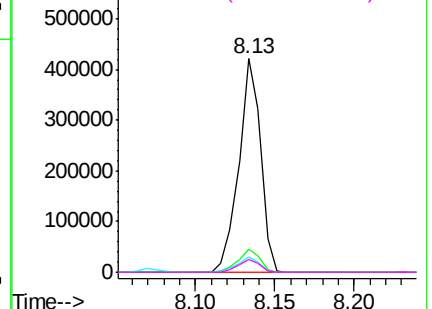
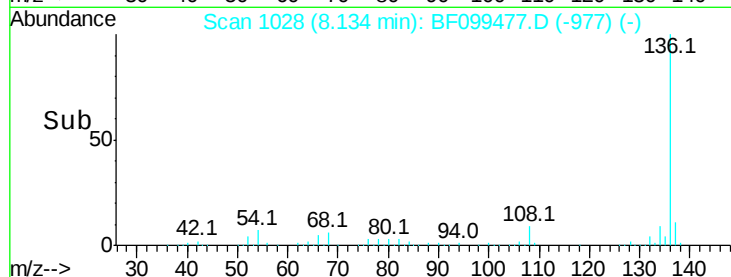
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	401933
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	6.6	9.8
68	6.1	5.0	7.4

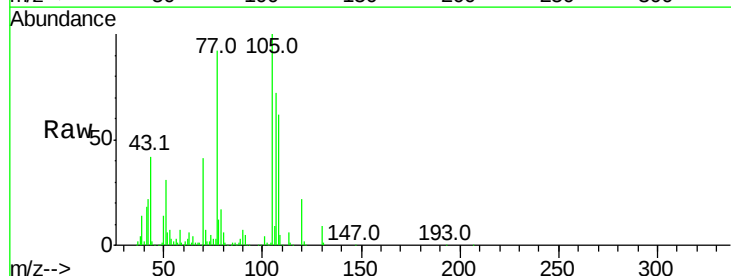


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

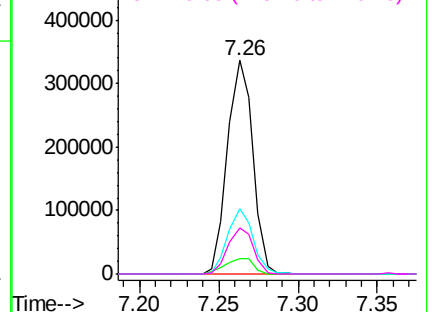
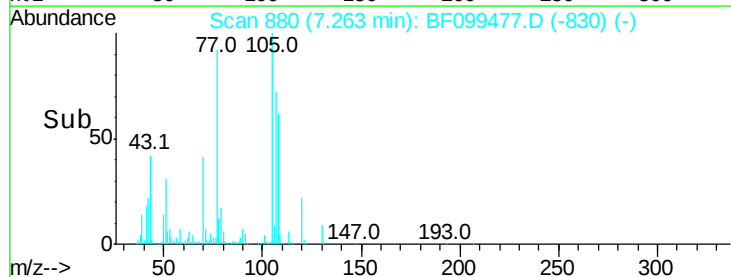


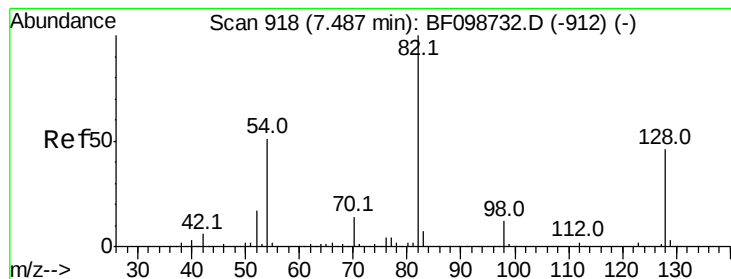
#22
Acetophenone
Concen: 38.374 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:	105	Resp:	373687
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.4	6.6#
51	30.6	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: 84.260 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

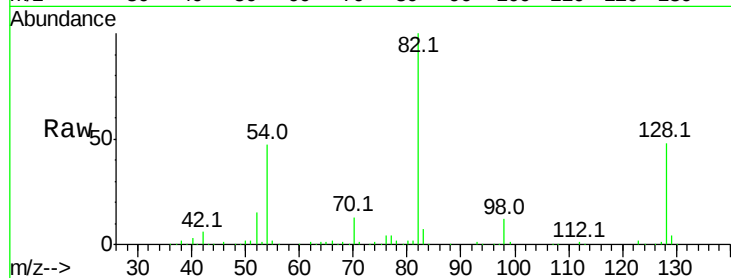
Tot Ion: 82 Resp: 528096

Ion Ratio Lower Upper

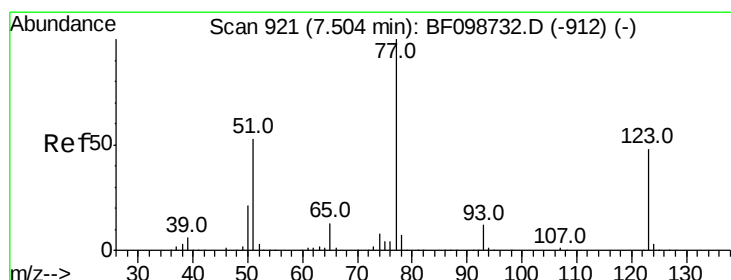
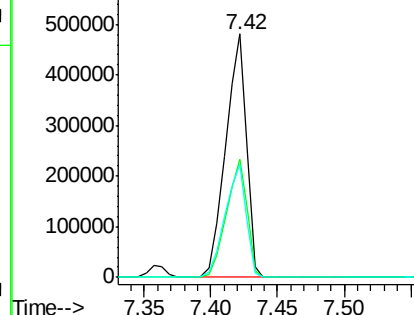
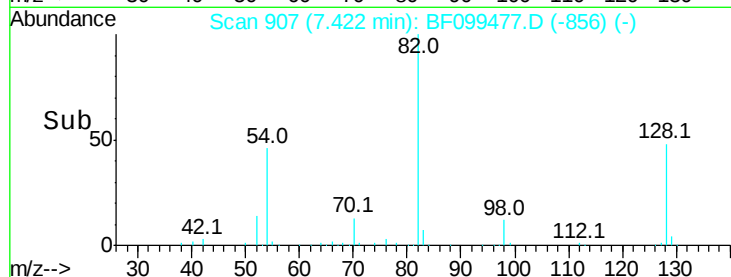
82 100

128 48.4 36.1 54.1

54 46.6 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: 40.214 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

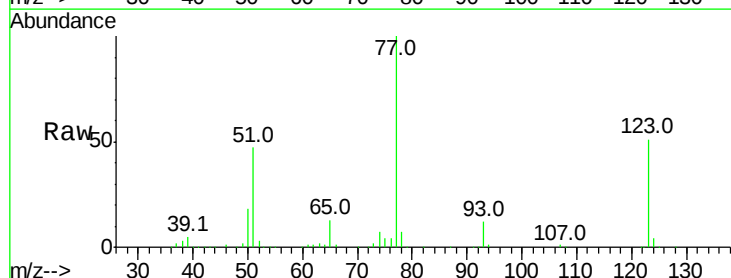
Tgt Ion: 77 Resp: 285904

Ion Ratio Lower Upper

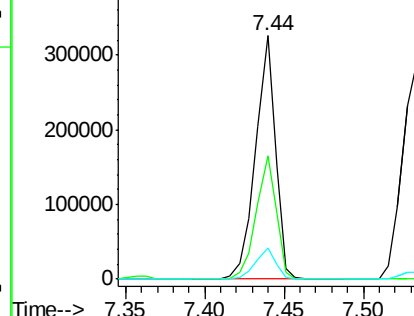
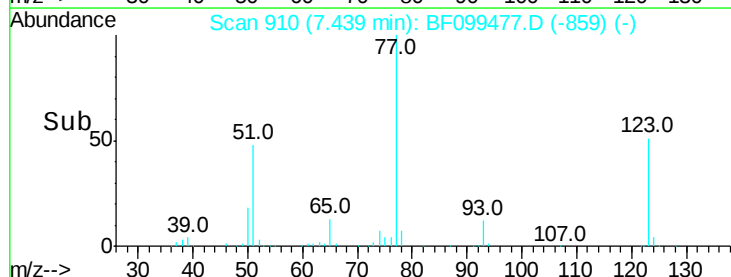
77 100

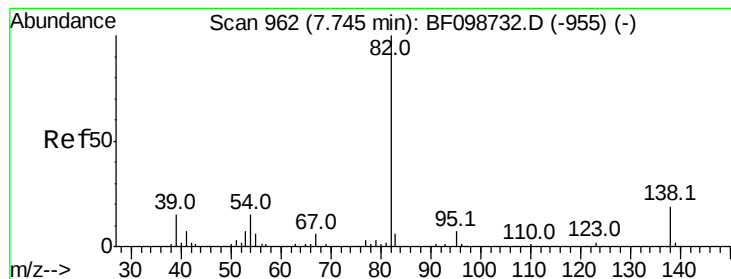
123 50.7 37.9 56.9

65 12.9 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: 40.839 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

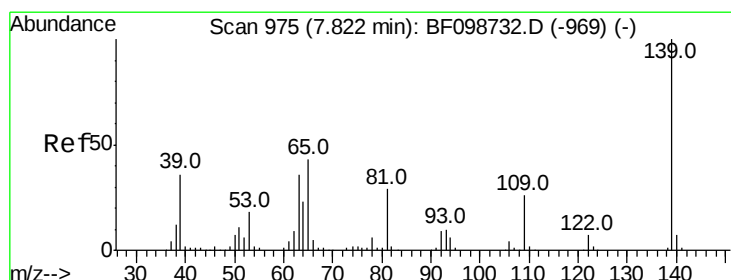
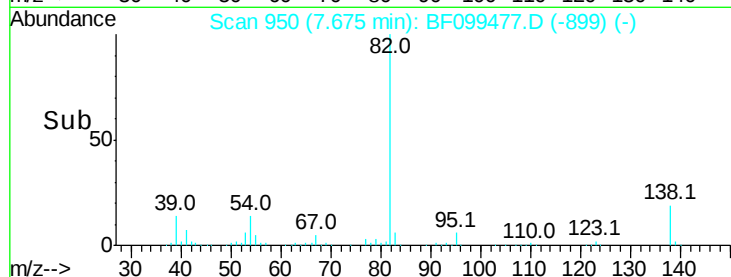
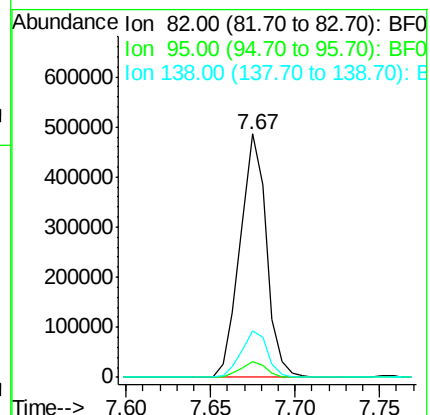
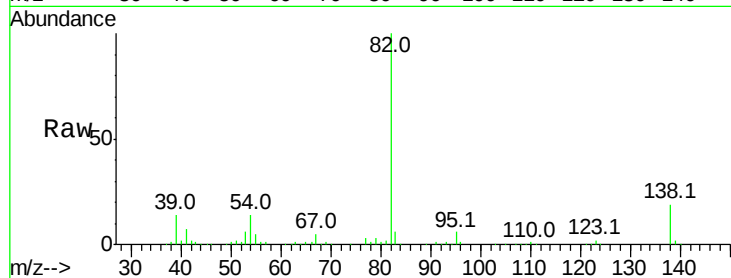
Tot Ion: 82 Resp: 529195

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 19.0 14.9 22.3



#26

2-Nitrophenol

Concen: 47.453 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

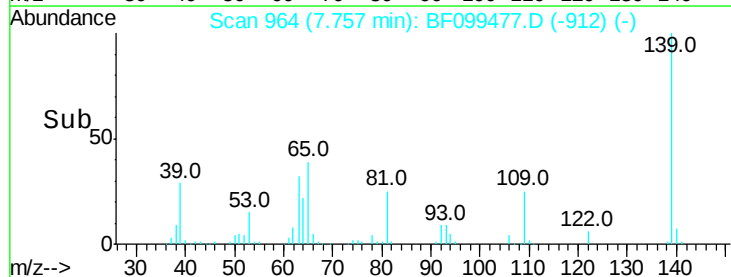
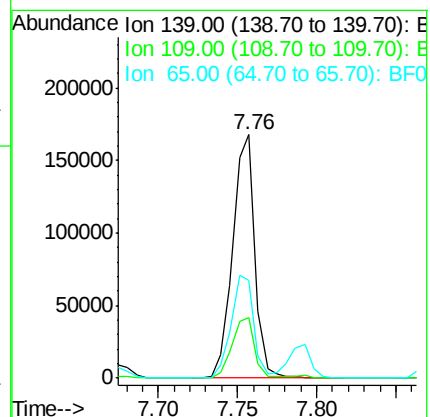
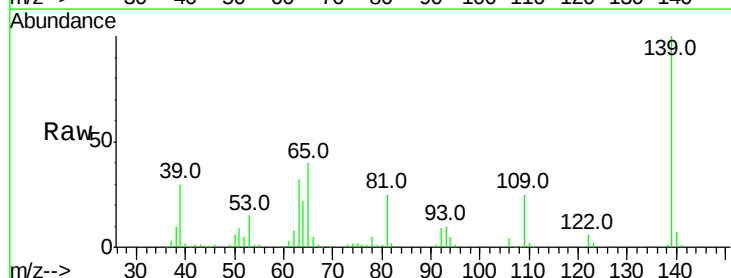
Tgt Ion: 139 Resp: 162235

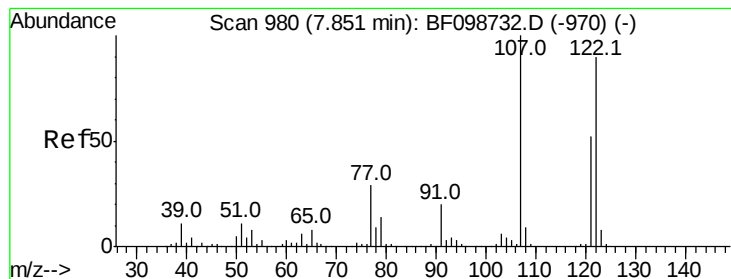
Ion Ratio Lower Upper

139 100

109 25.0 22.7 34.1

65 40.2 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 39.702 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

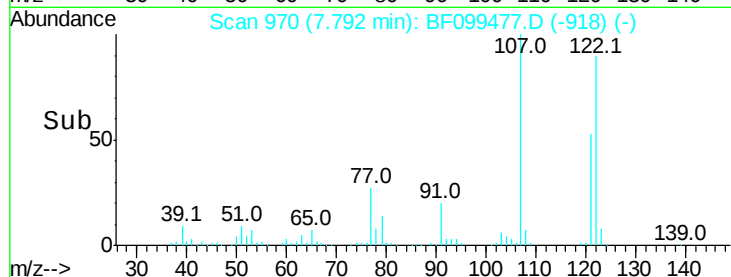
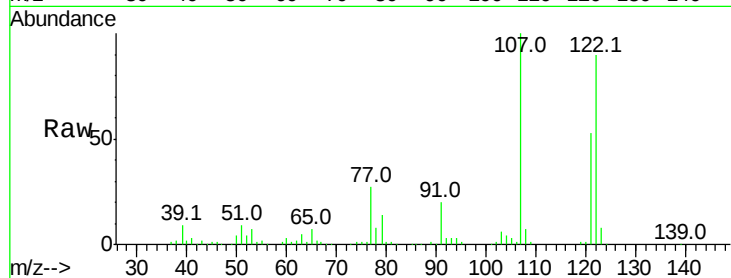
Tot Ion:122 Resp: 256339

Ion Ratio Lower Upper

122 100

107 111.4 91.2 136.8

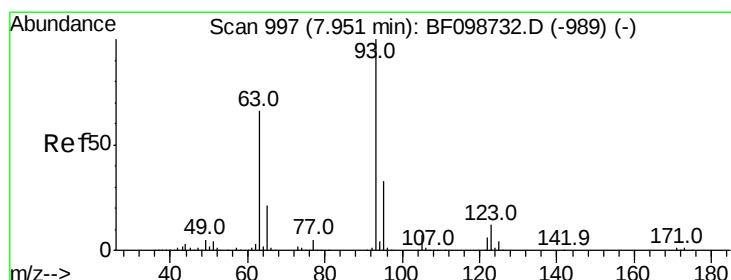
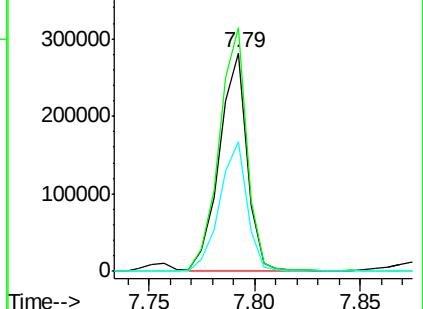
121 59.1 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.411 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

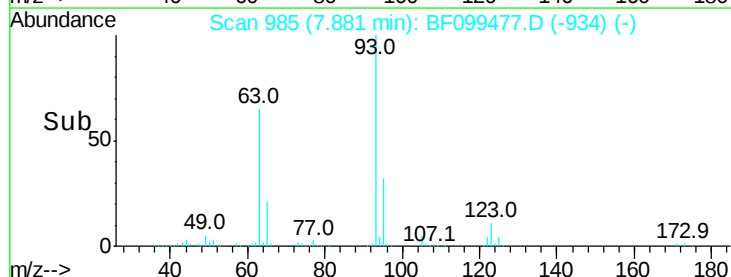
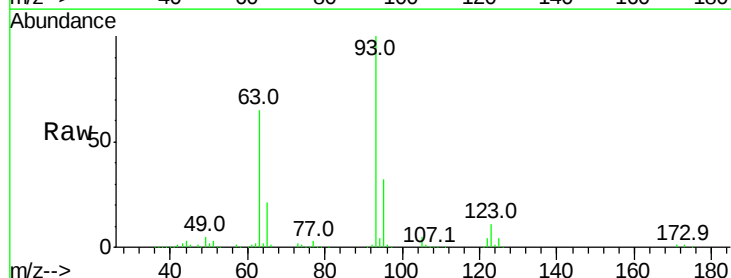
Tgt Ion: 93 Resp: 342480

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

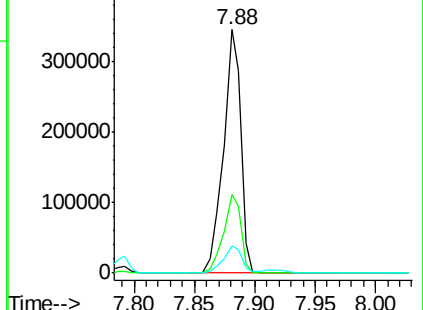
123 11.4 9.8 14.6

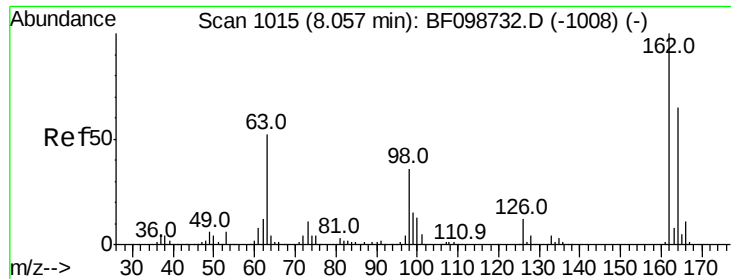


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

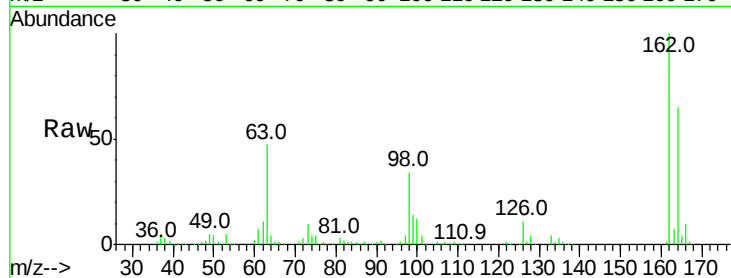




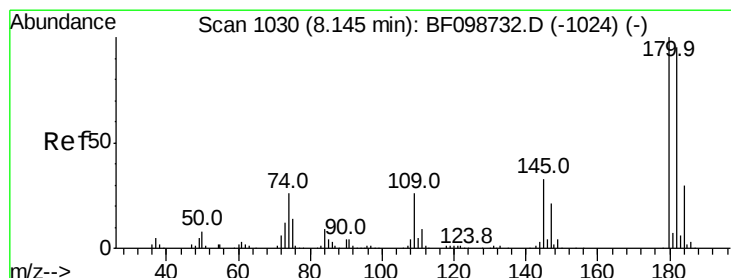
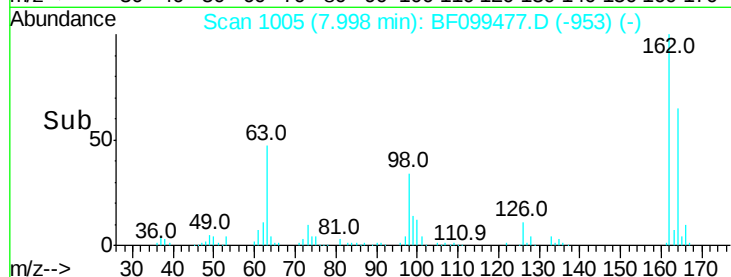
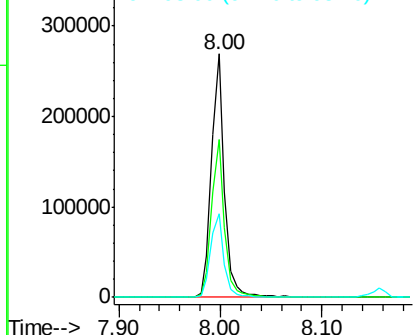
#29
2,4-Dichlorophenol
Concen: 43.432 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 240760
Ion Ratio Lower Upper
162 100
164 64.7 42.7 82.7
98 34.3 18.1 58.1

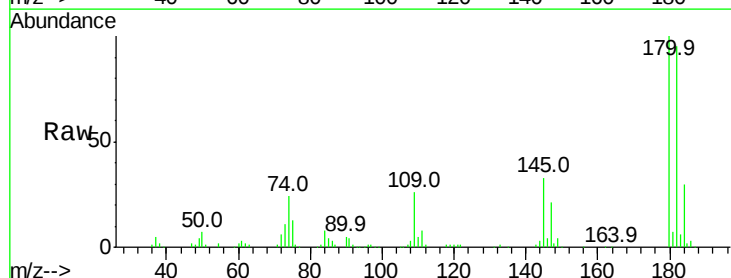


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

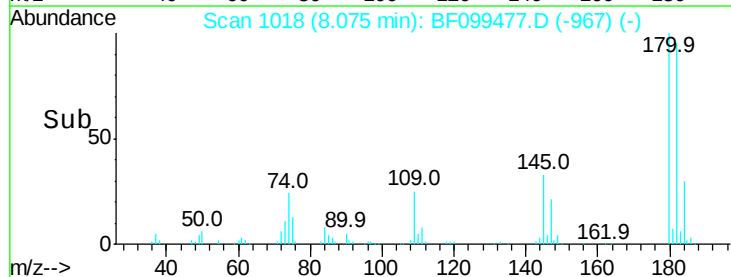
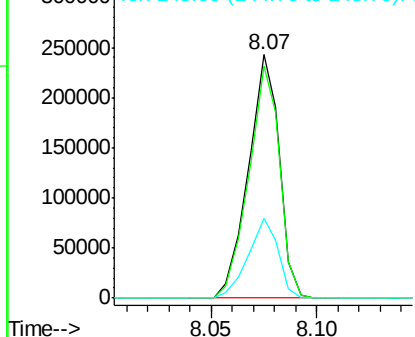


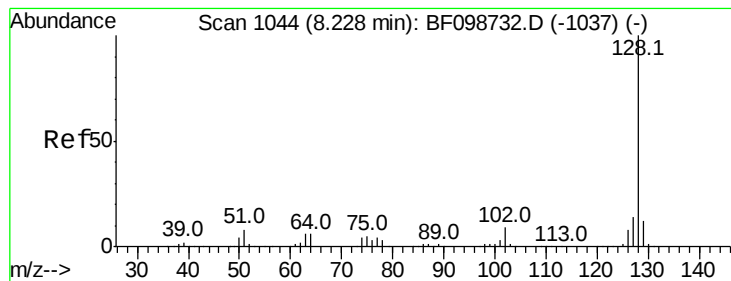
#30
1,2,4-Trichlorobenzene
Concen: 44.428 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:180 Resp: 246325
Ion Ratio Lower Upper
180 100
182 95.3 76.8 115.2
145 32.7 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: 43.696 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

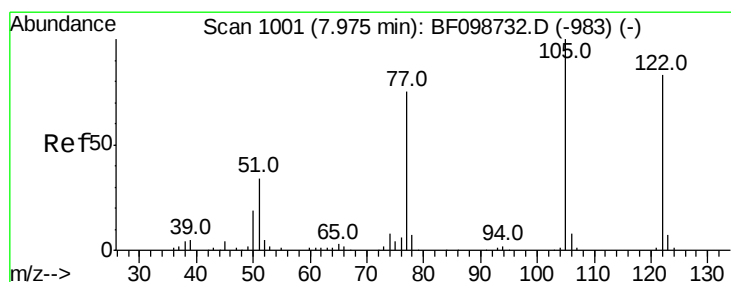
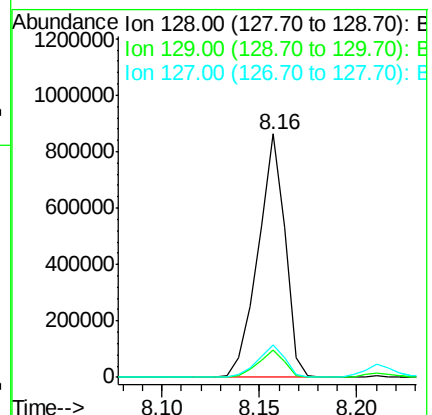
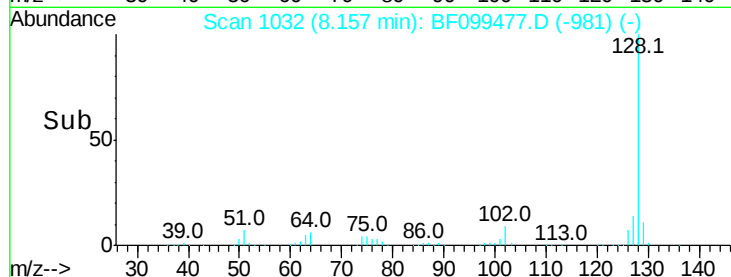
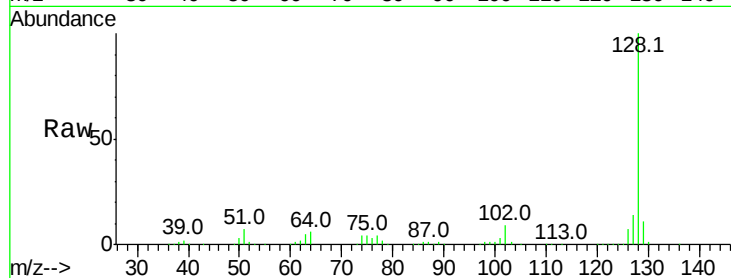
Tot Ion:128 Resp: 824856

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 23.201 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

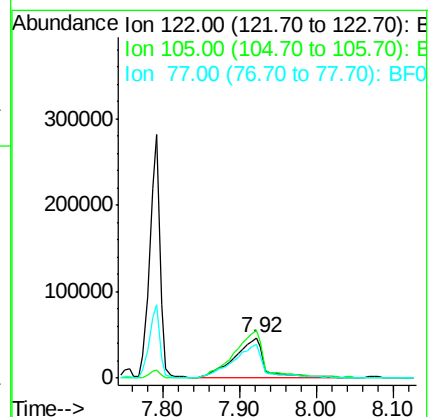
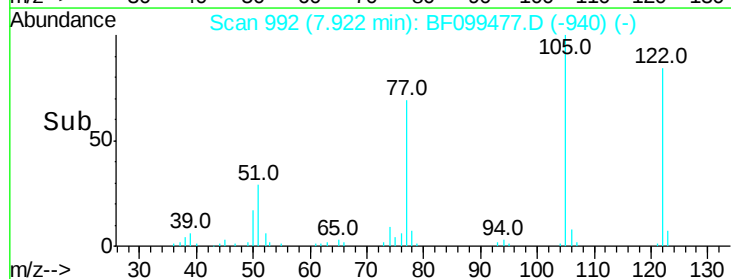
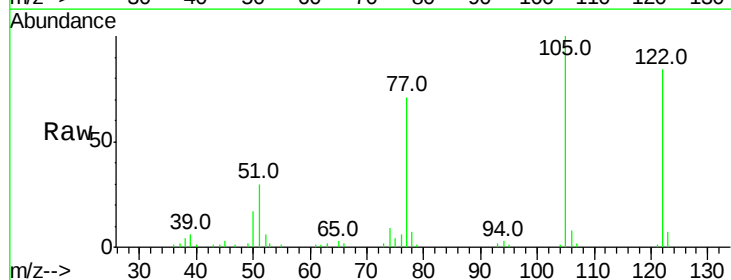
Tgt Ion:122 Resp: 123050

Ion Ratio Lower Upper

122 100

105 118.8 101.1 141.1

77 84.6 70.7 110.7

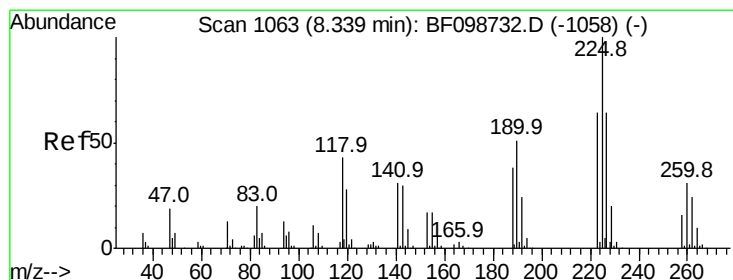
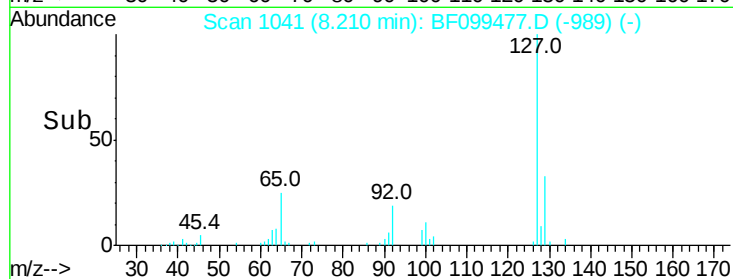
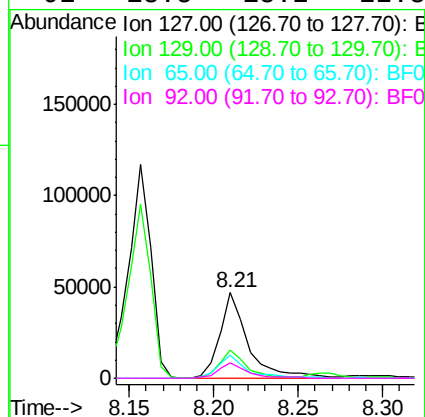
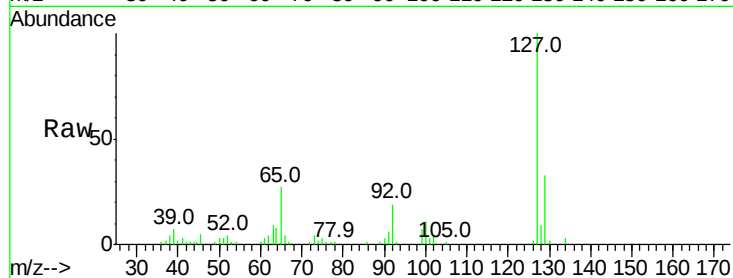




#33
 4-Chloroaniline
 Concen: 6.987 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

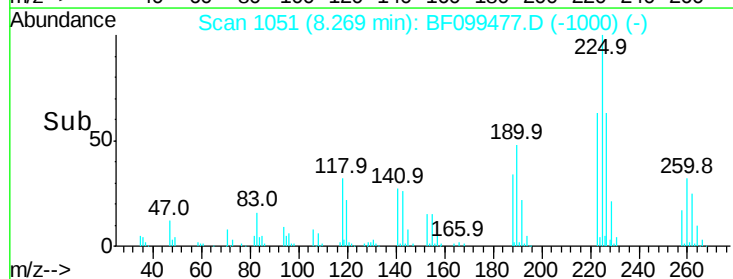
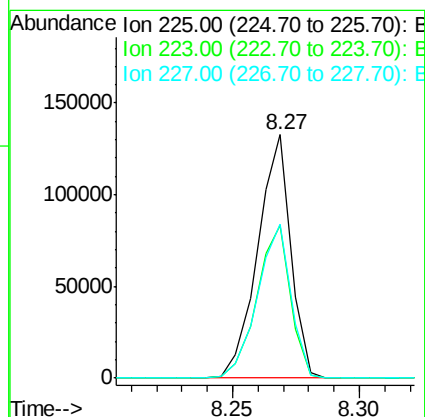
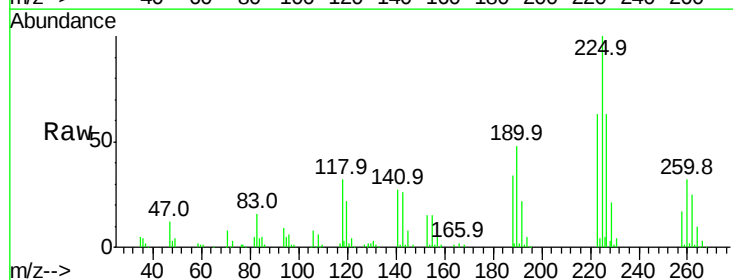
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	55082
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.9	38.9
65	27.4	25.0	37.4
92	18.5	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 42.133 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:	225	Resp:	120321
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.1	51.9	77.9

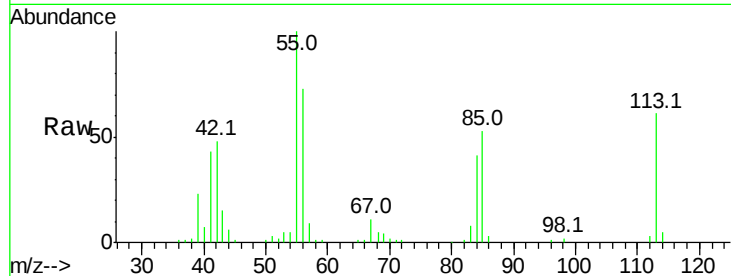




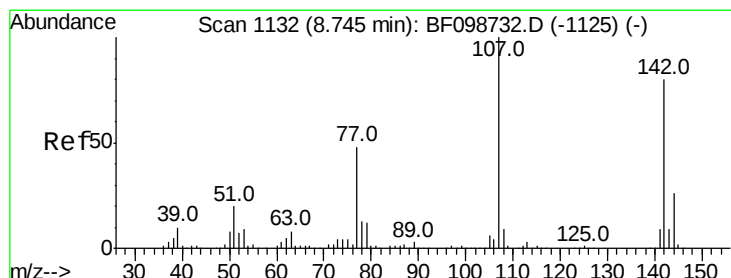
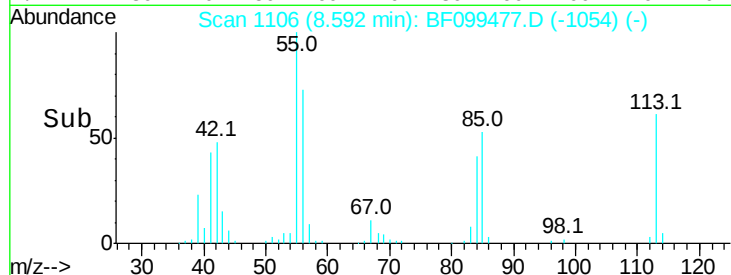
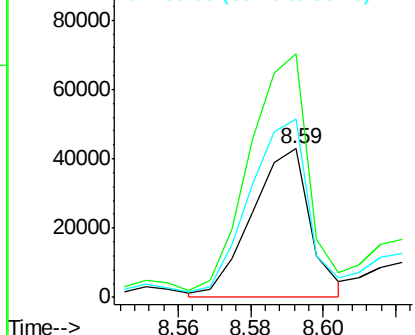
#35
 Caprolactam
 Concen: 27.064 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 48124
 Ion Ratio Lower Upper
 113 100
 55 163.8 163.3 203.3
 56 119.8 115.7 155.7

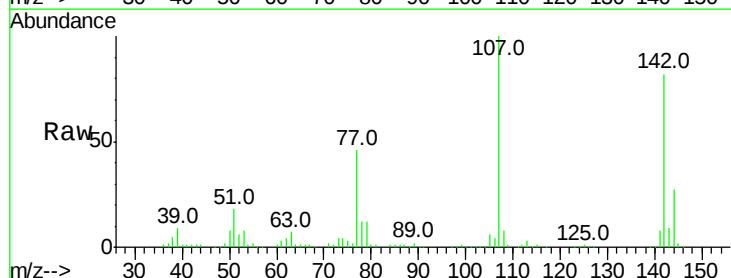


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

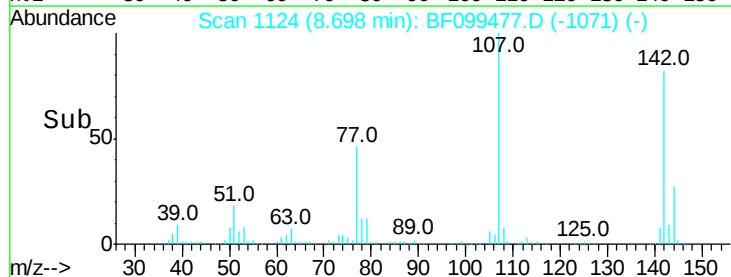
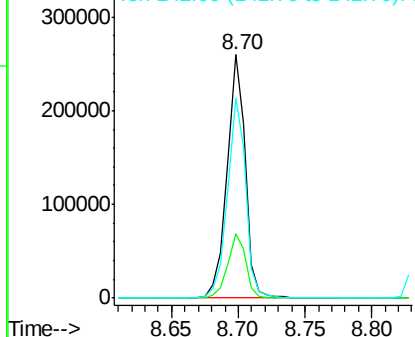


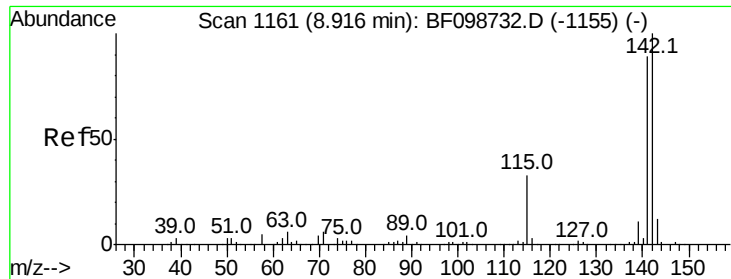
#36
 4-Chloro-3-methylphenol
 Concen: 40.594 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:107 Resp: 252930
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 82.4 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

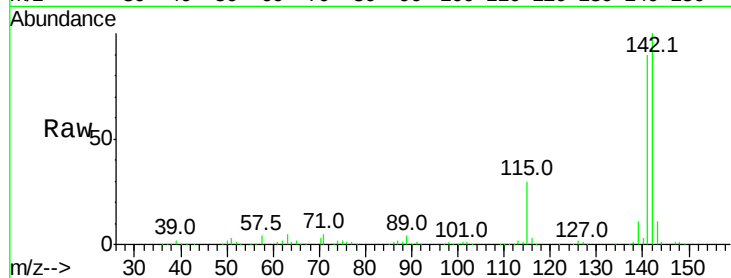




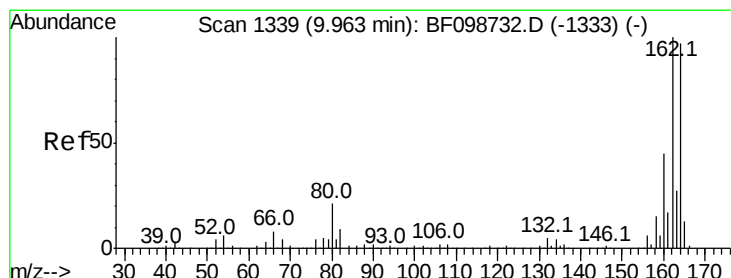
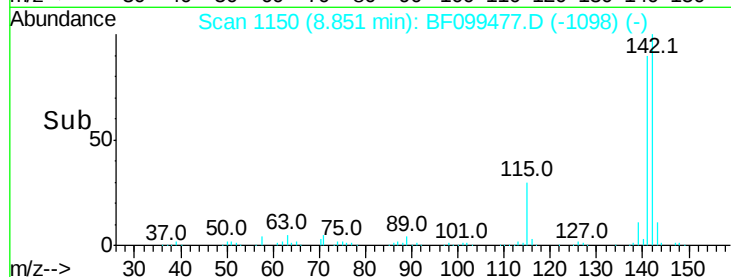
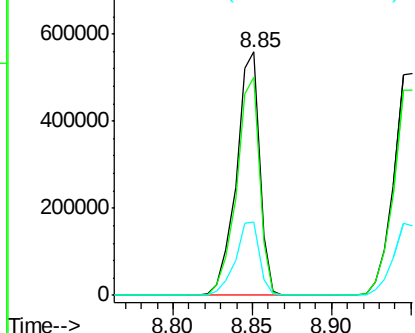
#37
 2-Methylnaphthalene
 Concen: 46.270 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 567814
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 30.3 26.1 39.1

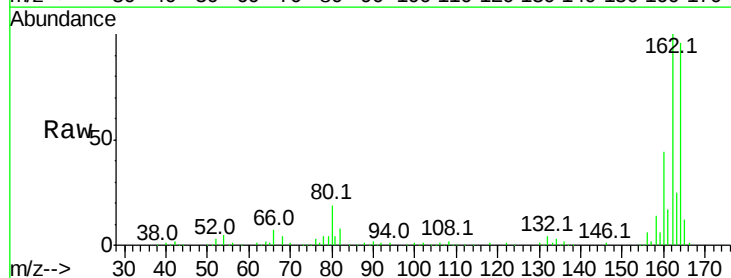


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

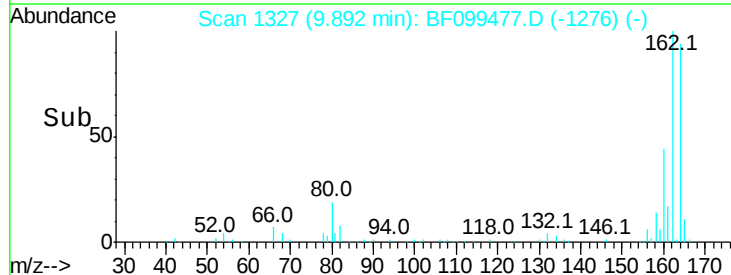
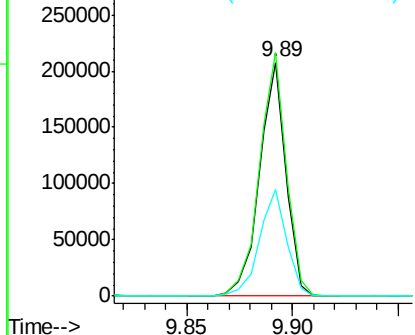


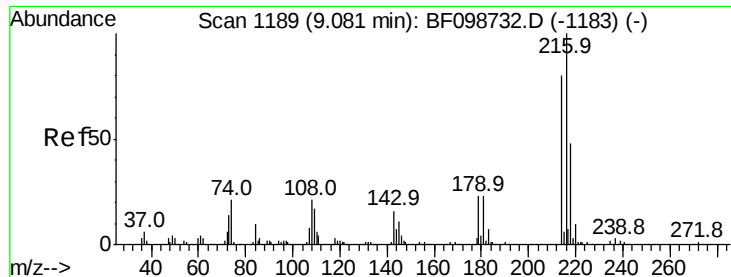
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:164 Resp: 181304
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 45.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

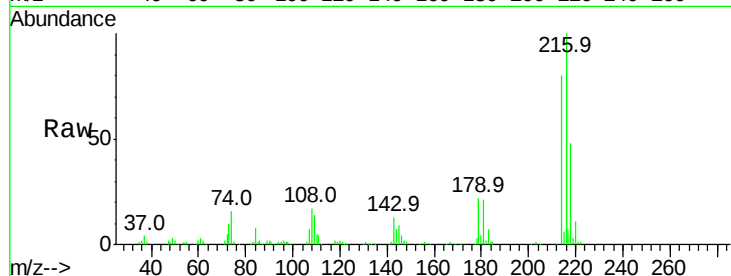




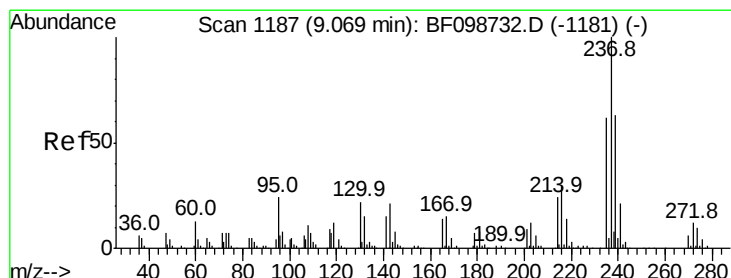
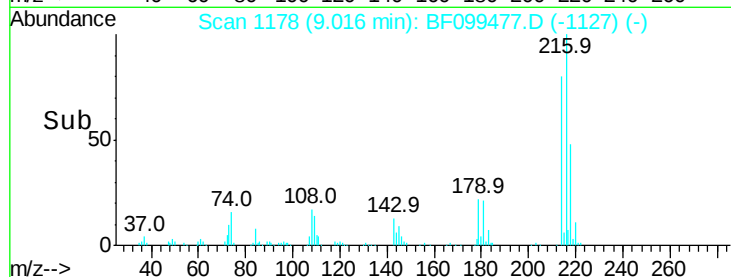
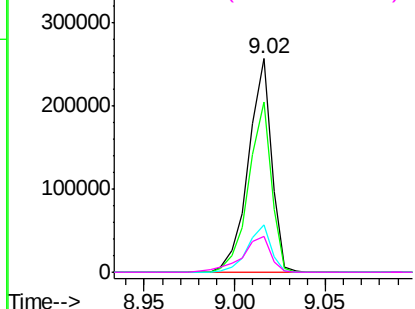
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.012 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	227159
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.3	18.1	27.1
108	20.6	17.2	25.8

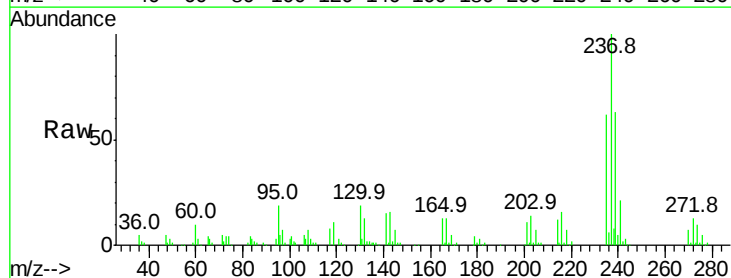


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

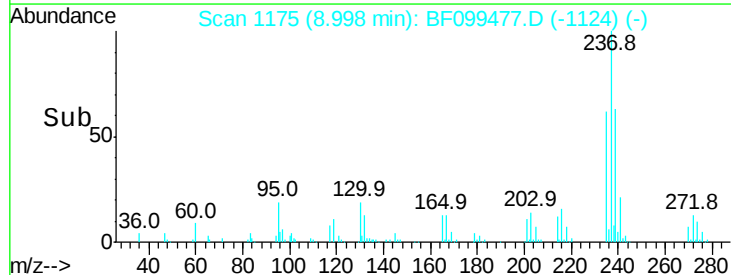
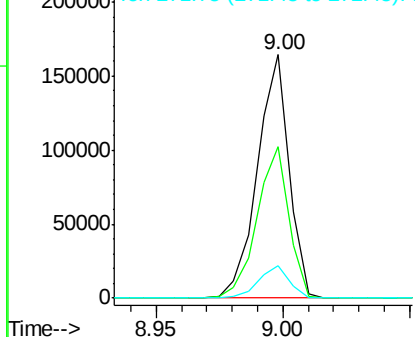


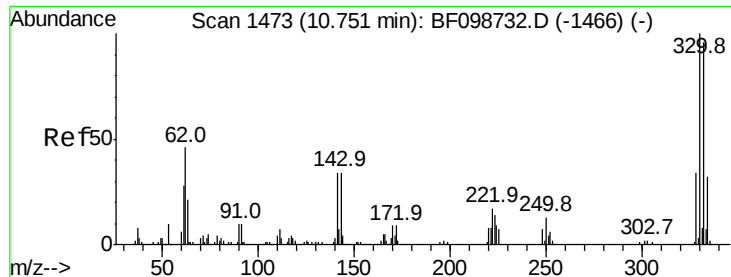
#40
 Hexachlorocyclopentadiene
 Concen: 57.759 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:	237	Resp:	142722
Ion	Ratio	Lower	Upper
237	100		
235	62.3	44.8	84.8
272	13.2	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

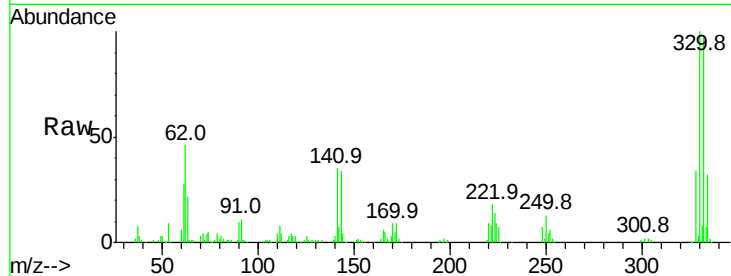




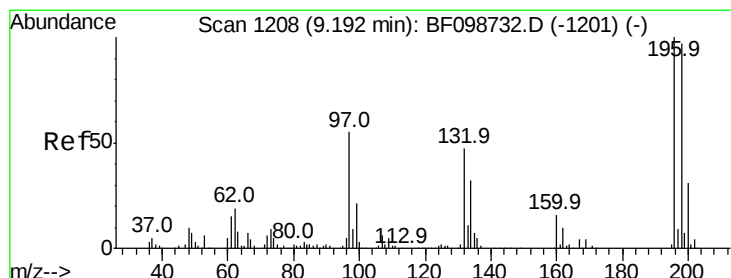
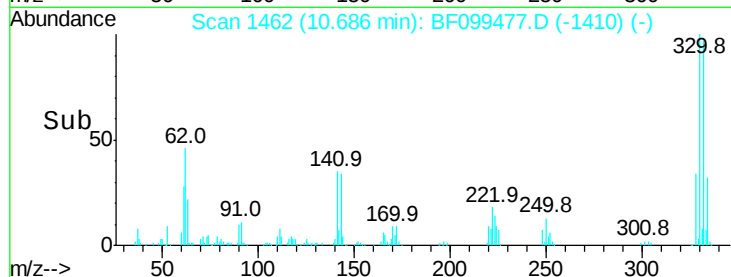
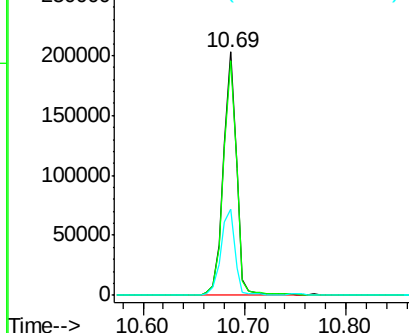
#41
 2,4,6-Tribromophenol
 Concen: 124.028 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 184003
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 38.0 29.9 44.9

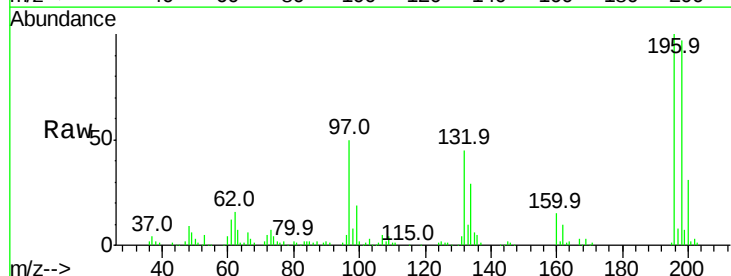


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

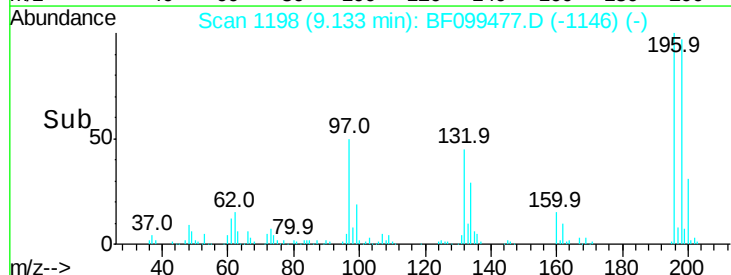
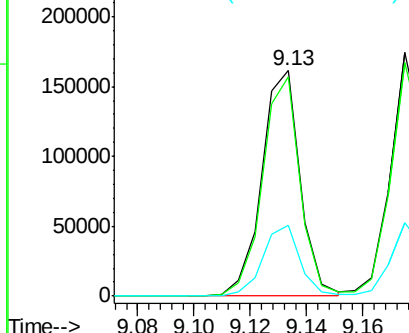


#42
 2,4,6-Trichlorophenol
 Concen: 39.668 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:196 Resp: 151948
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 200 31.2 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

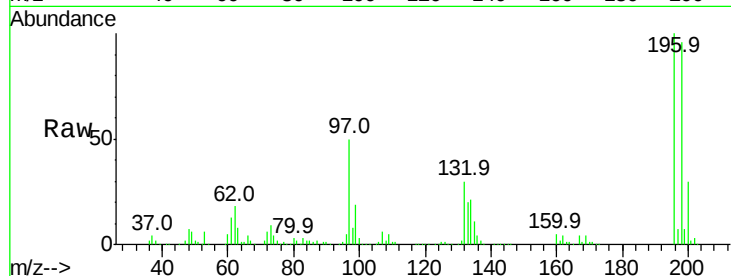




#43
 2,4,5-Trichlorophenol
 Concen: 41.825 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.6	112.0
97	49.5	42.9	64.3
132	30.4	26.3	39.5



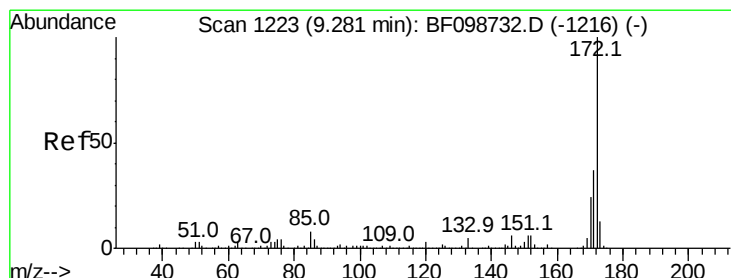
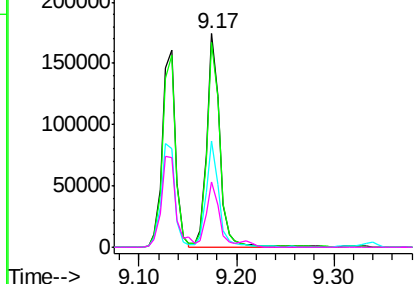
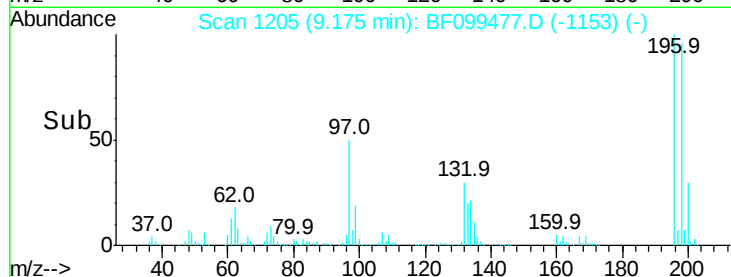
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

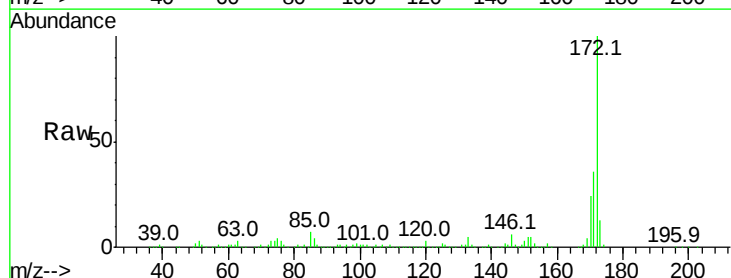
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.045 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4

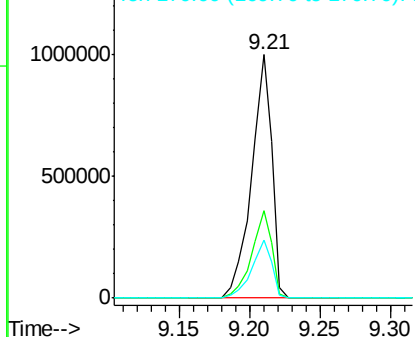
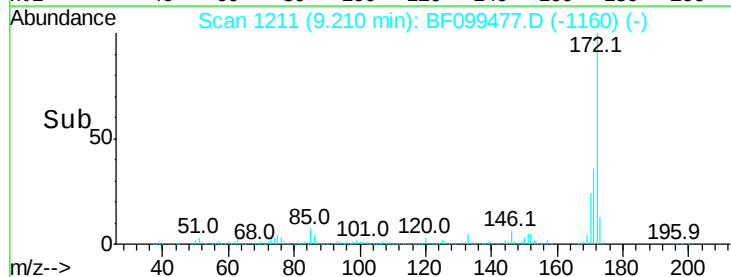


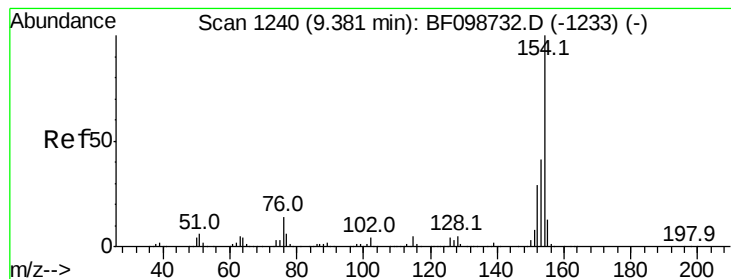
Abundance

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: 42.364 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

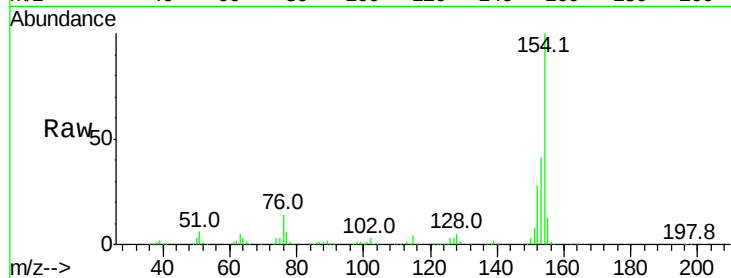
Tot Ion:154 Resp: 660119

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

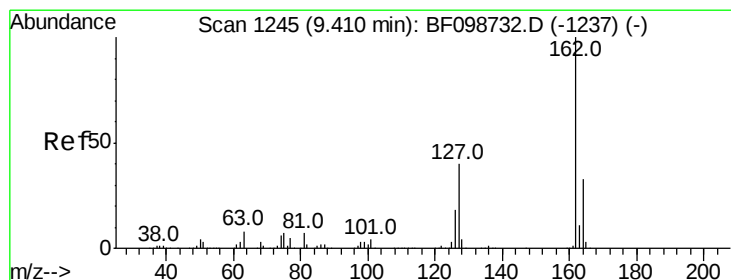
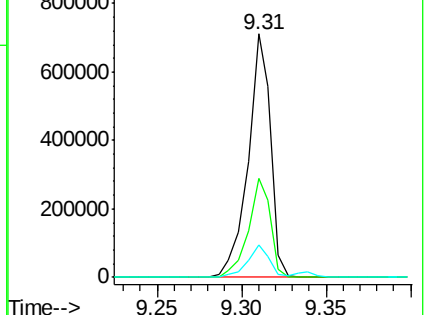
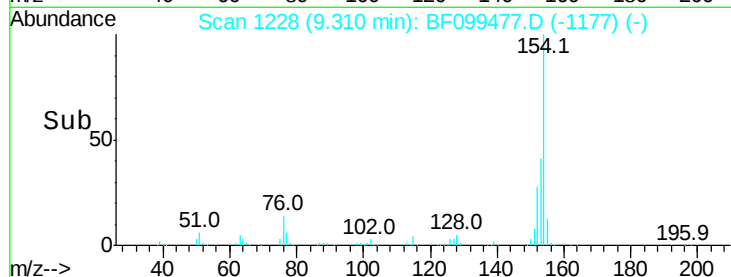
76 13.5 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.217 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

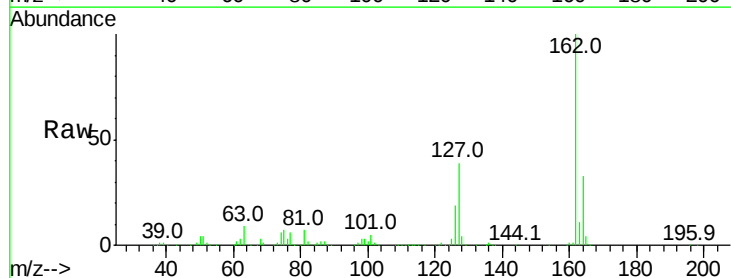
Tgt Ion:162 Resp: 517303

Ion Ratio Lower Upper

162 100

127 39.4 33.9 50.9

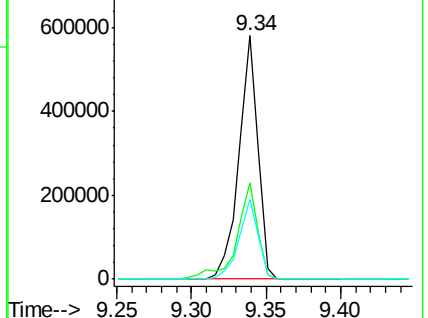
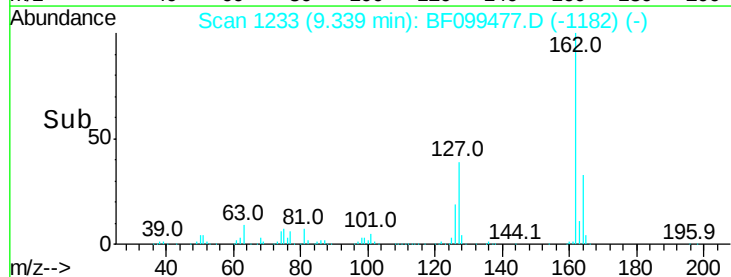
164 32.7 26.5 39.7

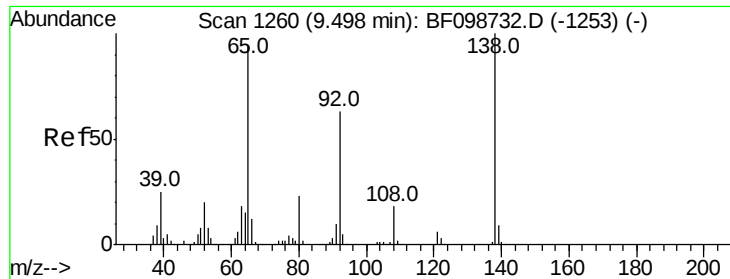


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

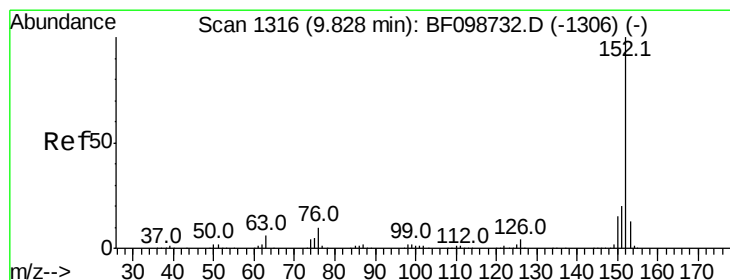
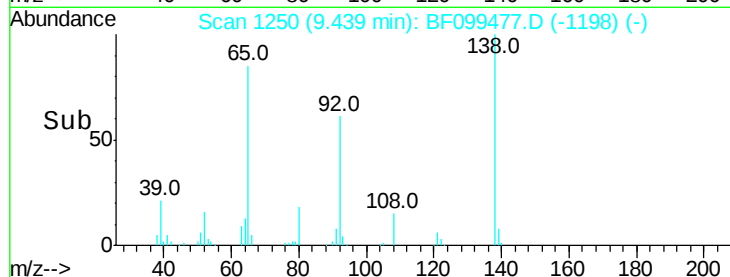
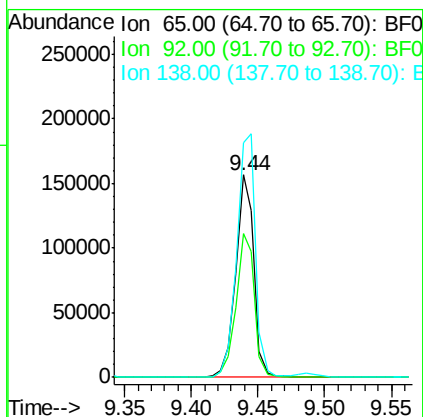
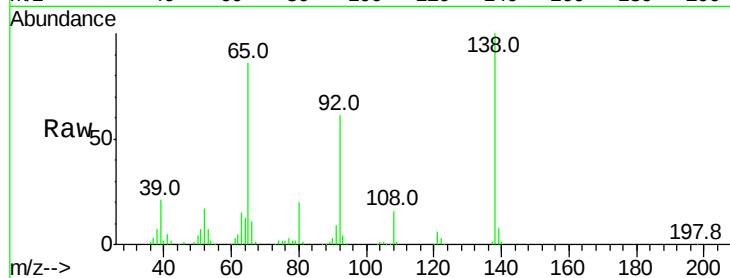




#47
2-Nitroaniline
Concen: 41.819 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

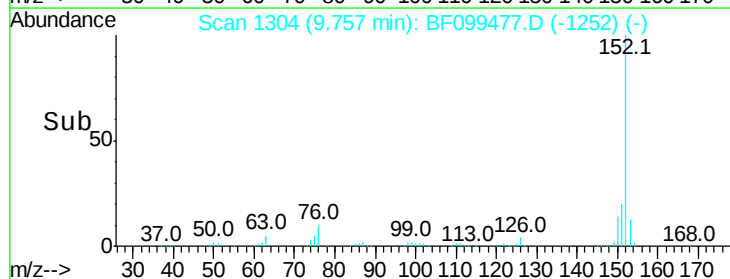
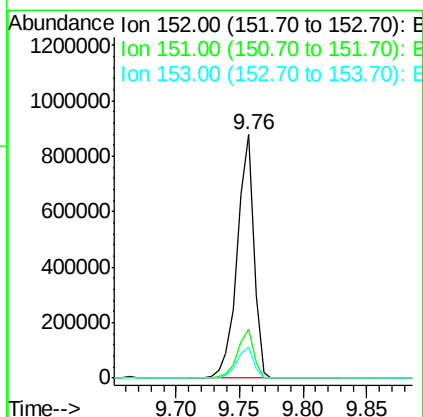
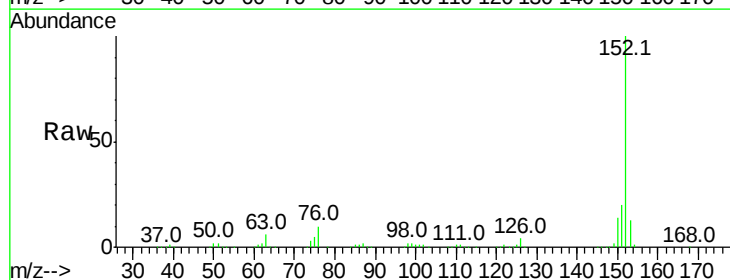
Instrument :
BNA_F
ClientSampleId :

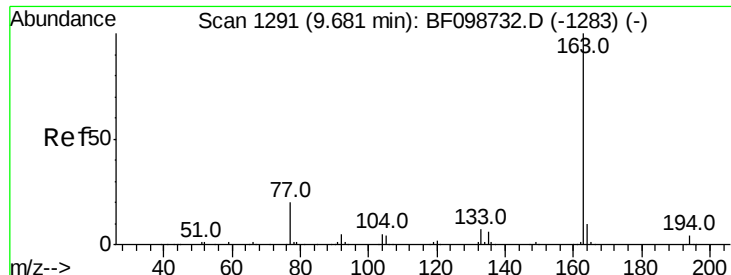
Tot Ion: 65 Resp: 149808
Ion Ratio Lower Upper
65 100
92 71.0 55.8 83.6
138 116.3 91.2 136.8



#48
Acenaphthylene
Concen: 43.973 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion: 152 Resp: 787535
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.0 10.7 16.1

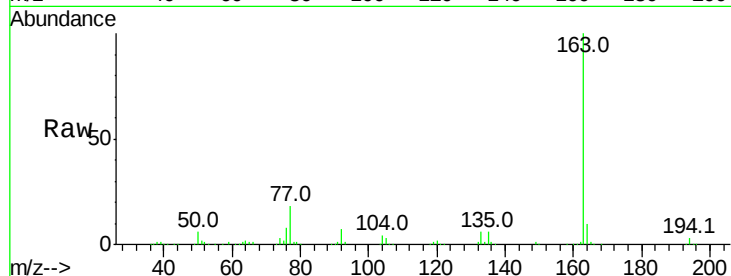




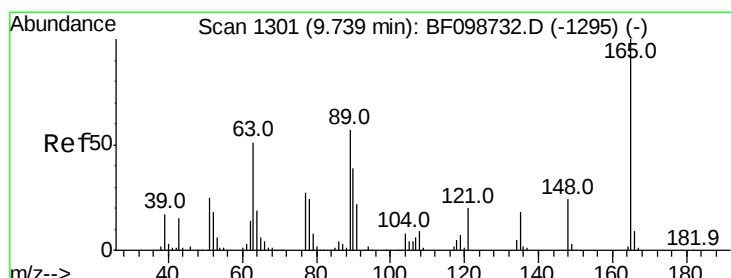
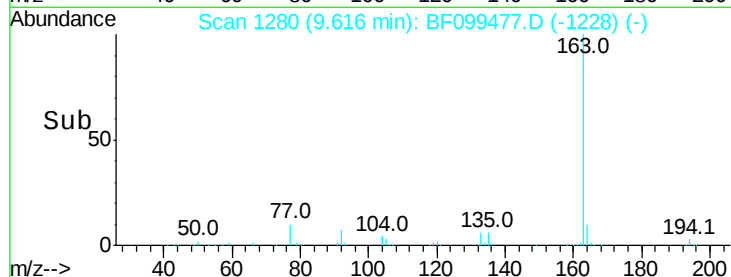
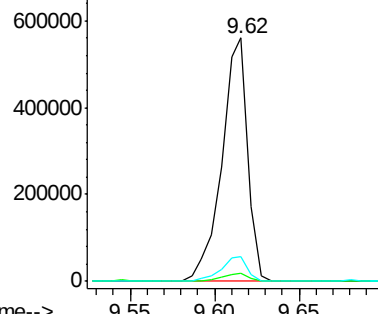
#49
Dimethylphthalate
Concen: 43.831 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 599779
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2

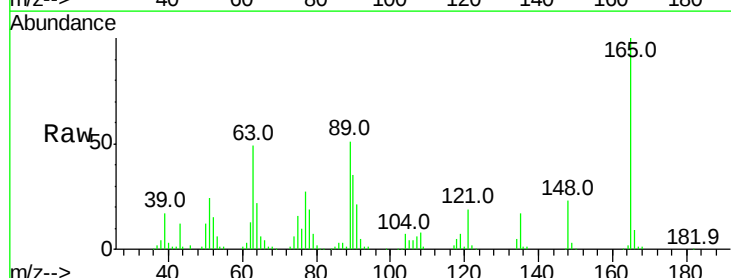


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

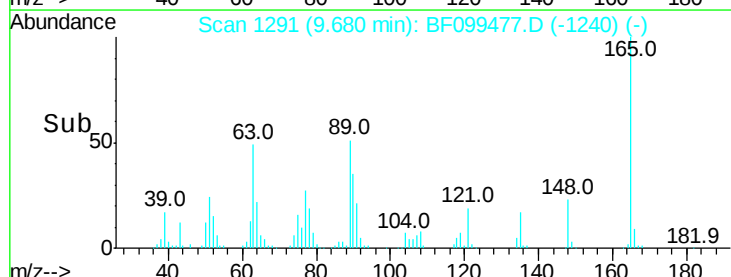
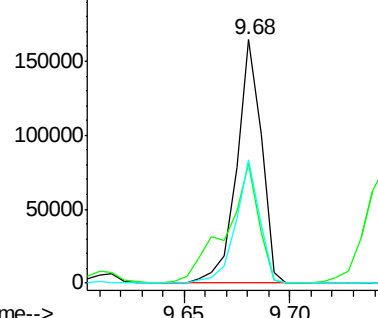


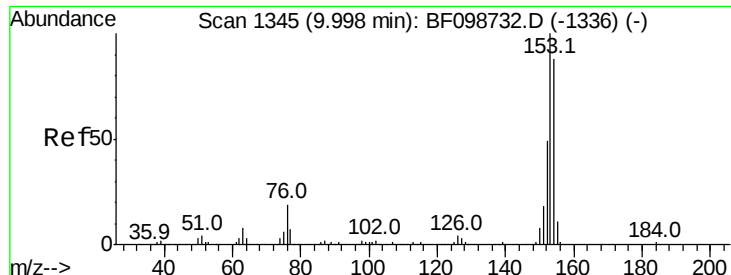
#50
2,6-Dinitrotoluene
Concen: 45.052 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:165 Resp: 134212
Ion Ratio Lower Upper
165 100
63 49.1 44.7 67.1
89 50.6 44.0 66.0



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





#51

Acenaphthene

Concen: 40.614 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

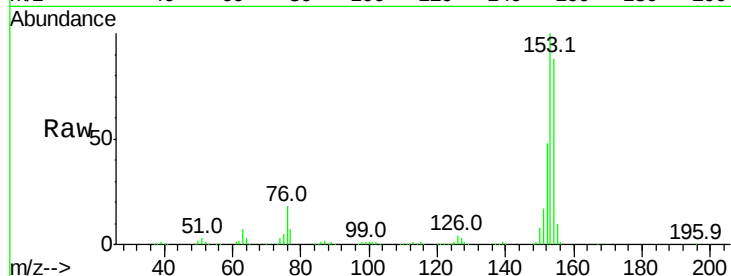
Tot Ion:154 Resp: 460762

Ion Ratio Lower Upper

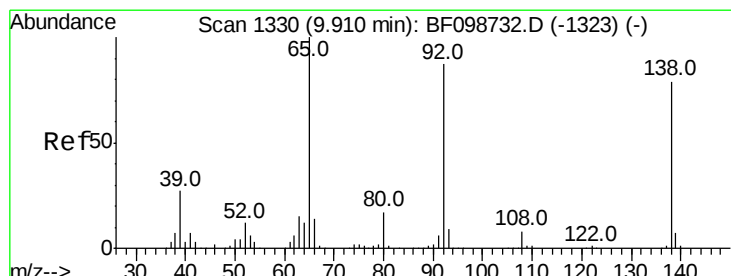
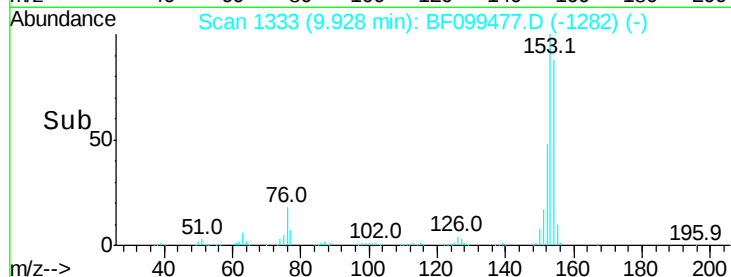
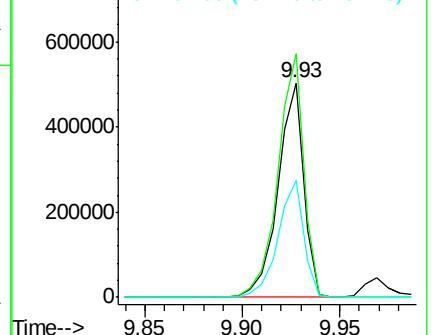
154 100

153 113.5 91.2 136.8

152 54.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 14.781 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

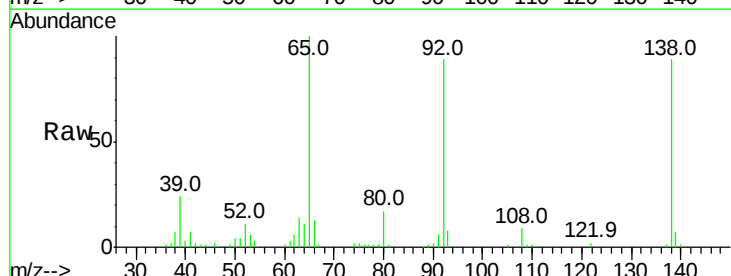
Tgt Ion:138 Resp: 51344

Ion Ratio Lower Upper

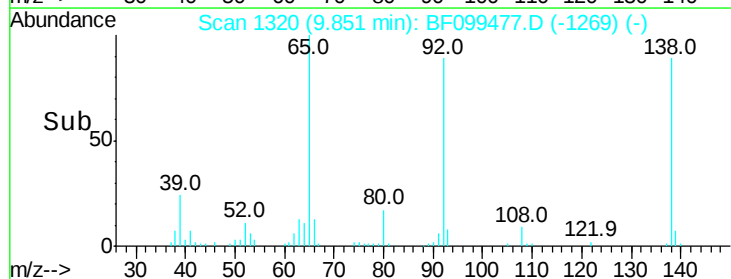
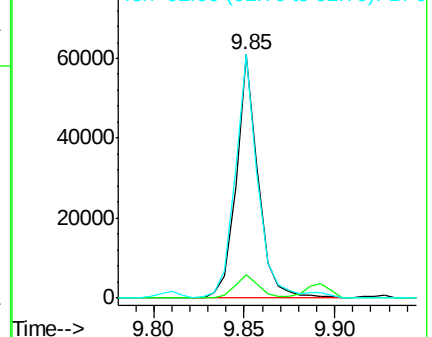
138 100

108 9.8 9.4 14.0

92 99.9 89.4 134.2



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

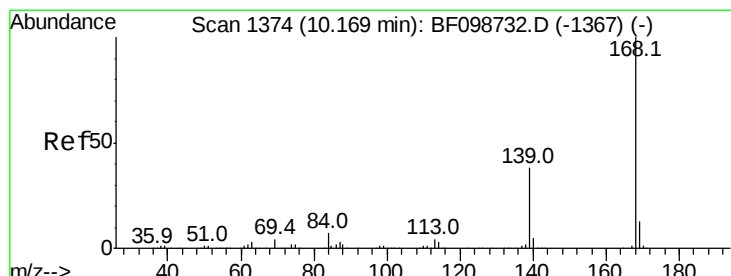
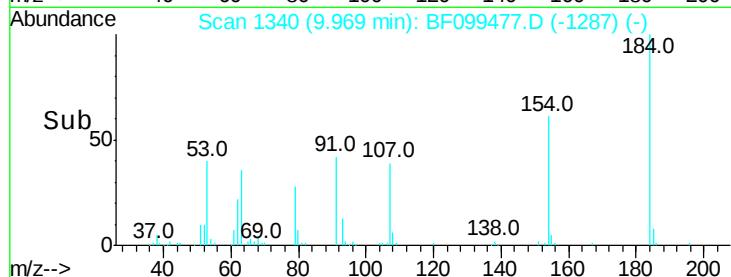
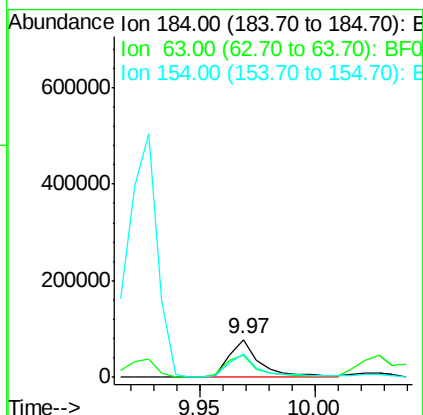
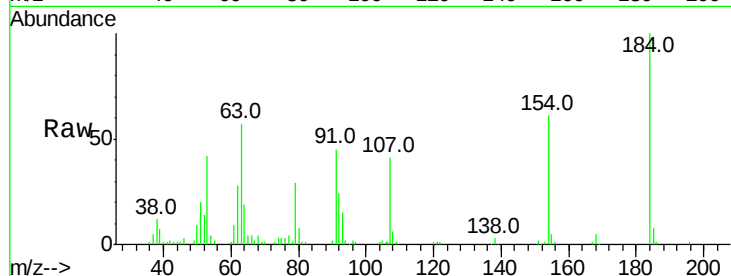




#53
2,4-Dinitrophenol
Concen: 51.169 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

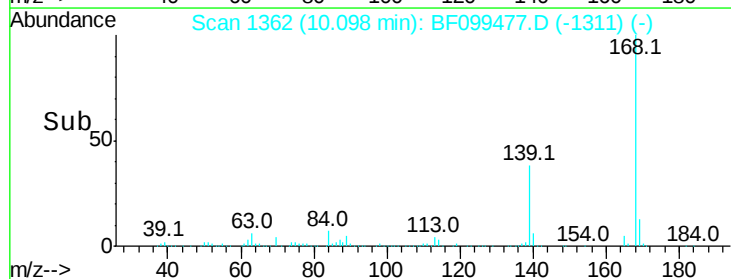
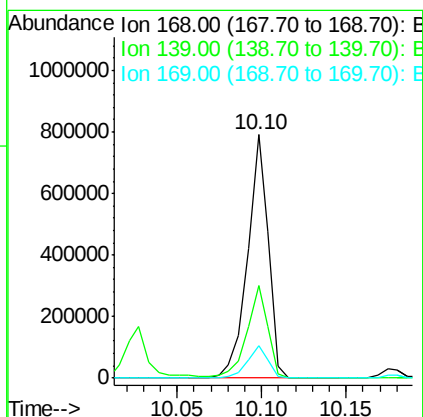
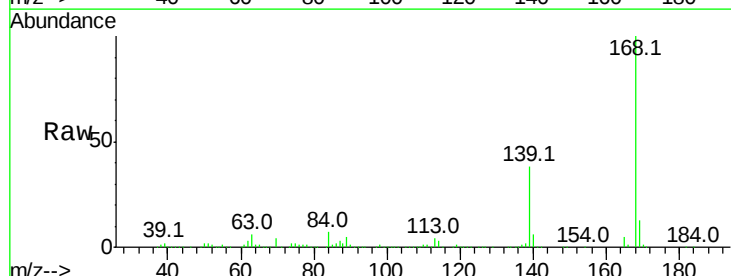
Instrument :
BNA_F
ClientSampled :

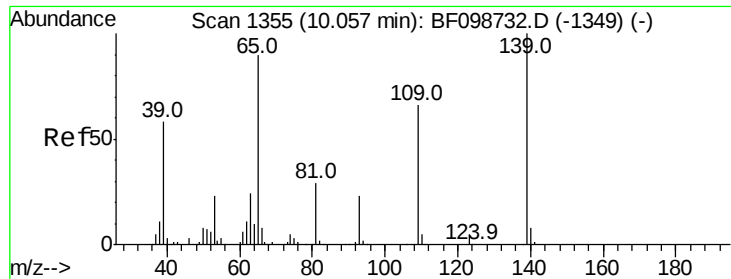
Tot Ion:184 Resp: 75850
Ion Ratio Lower Upper
184 100
63 57.4 54.2 81.2
154 60.7 53.5 80.3



#54
Dibenzofuran
Concen: 45.088 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:168 Resp: 681072
Ion Ratio Lower Upper
168 100
139 38.2 30.1 45.1
169 13.5 10.9 16.3

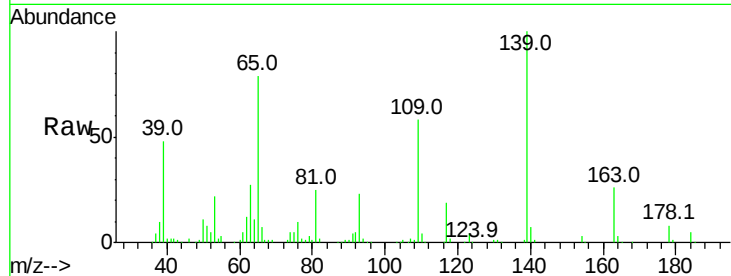




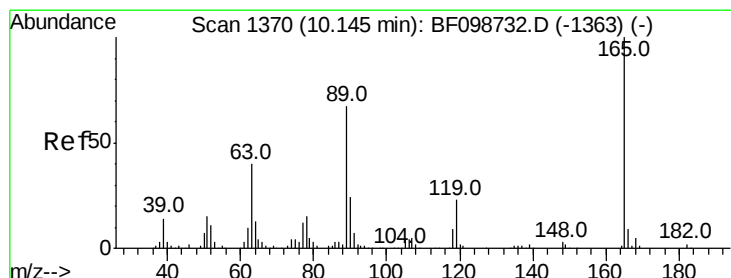
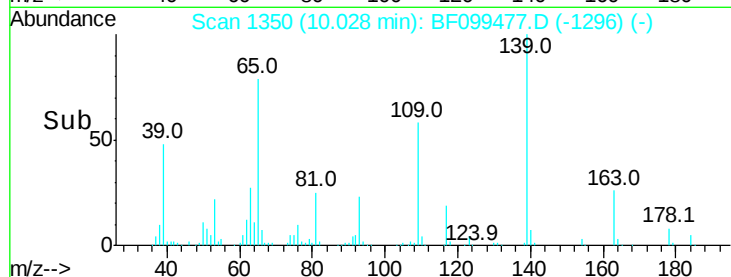
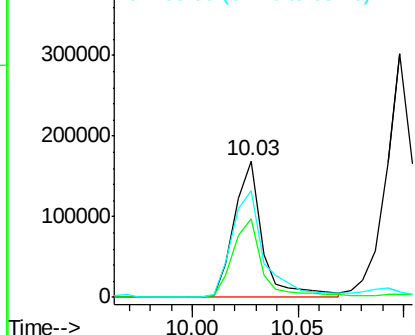
#55
4-Nitrophenol
Concen: 53.553 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 157294
Ion Ratio Lower Upper
139 100
109 57.9 48.4 88.4
65 78.8 72.6 112.6

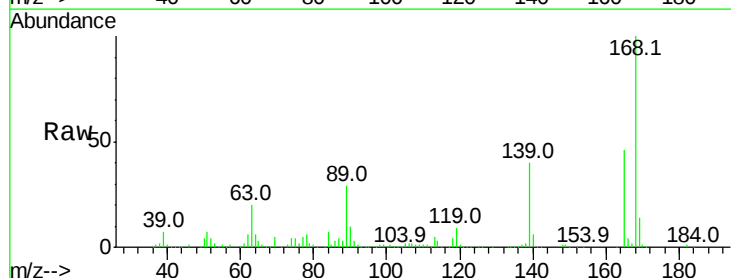


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

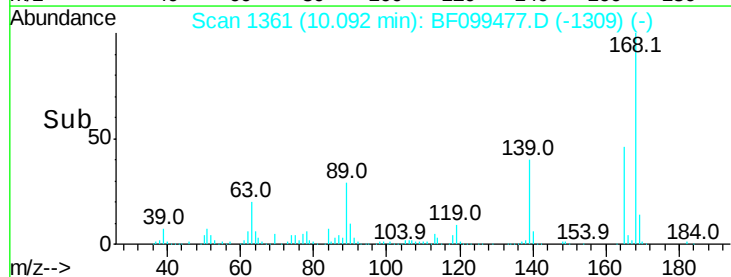
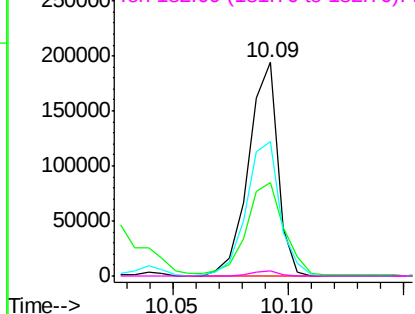


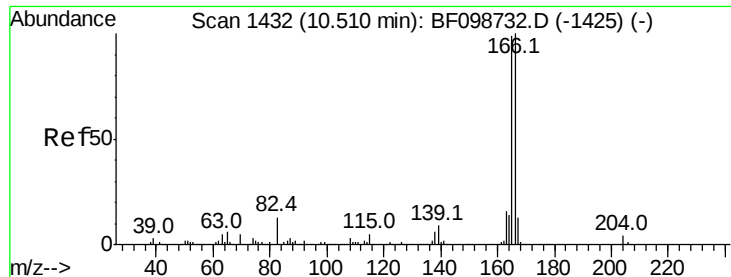
#56
2,4-Dinitrotoluene
Concen: 44.773 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:165 Resp: 173106
Ion Ratio Lower Upper
165 100
63 43.5 36.4 54.6
89 63.1 57.8 86.6
182 2.4 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.713 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

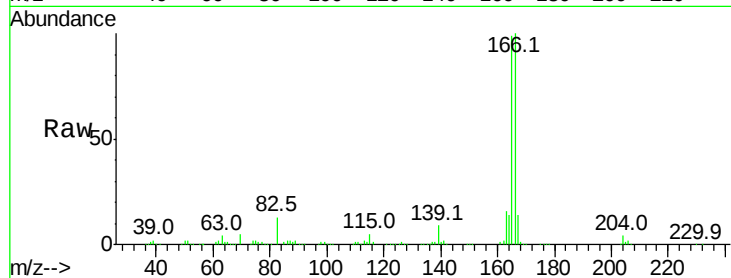
Tot Ion:166 Resp: 542863

Ion Ratio Lower Upper

166 100

165 99.0 79.8 119.8

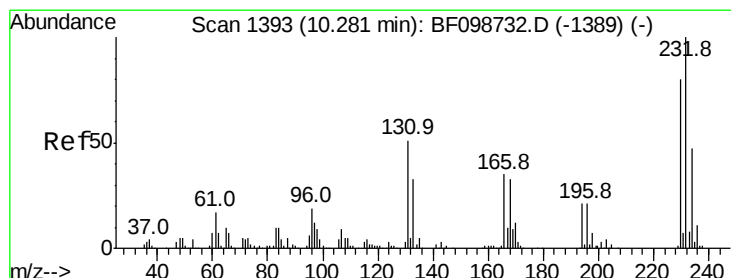
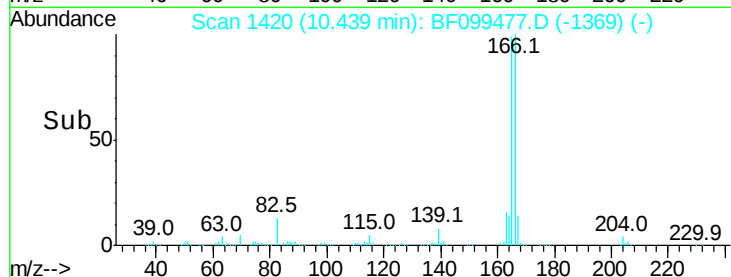
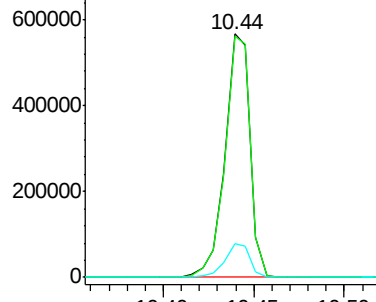
167 13.9 10.6 16.0



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: 43.619 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Tgt Ion:232 Resp: 115218

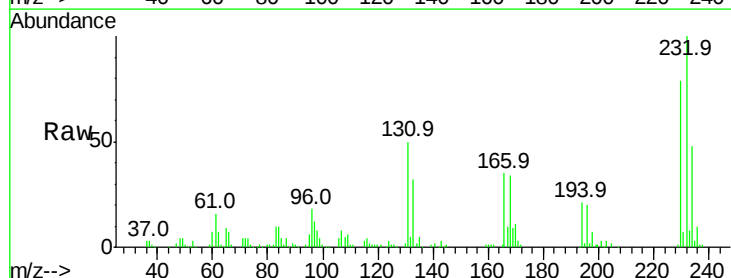
Ion Ratio Lower Upper

232 100

131 52.5 43.8 65.8

130 2.5 2.1 3.1

166 34.9 27.8 41.6

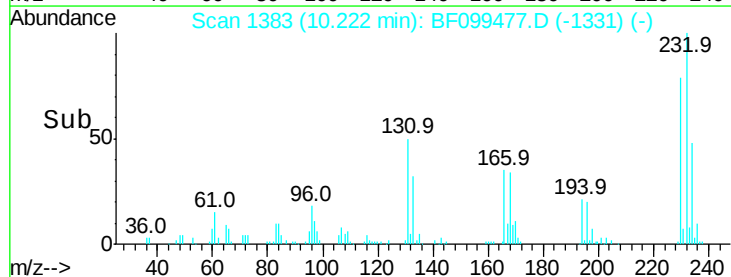
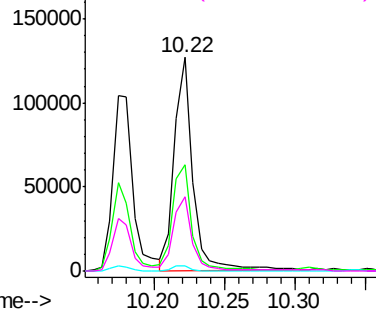


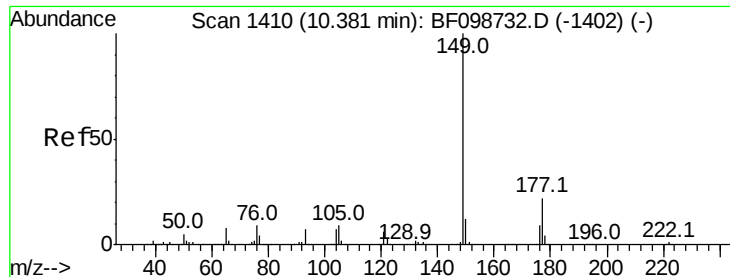
Abundance Ion 232.00 (231.70 to 232.70): E

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

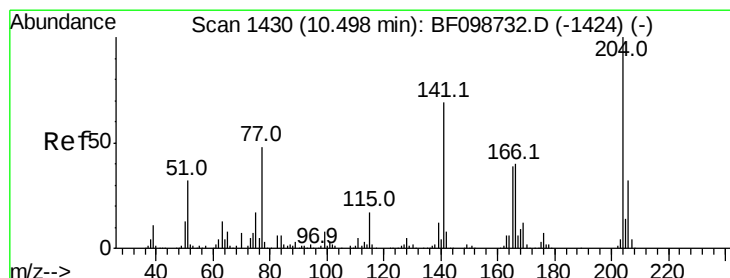
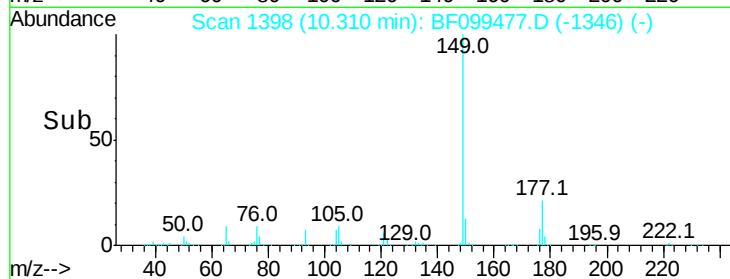
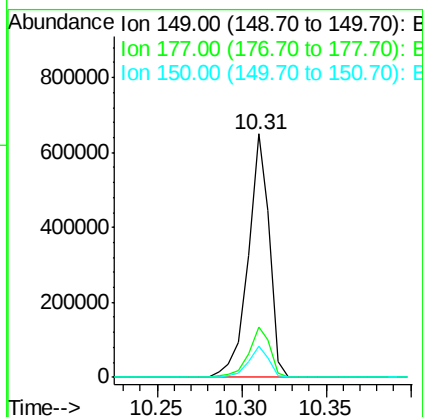
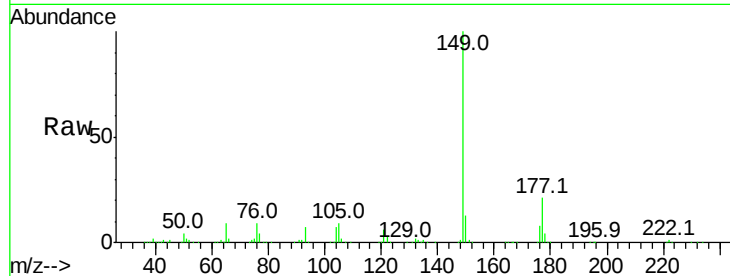




#59
Diethylphthalate
Concen: 42.621 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

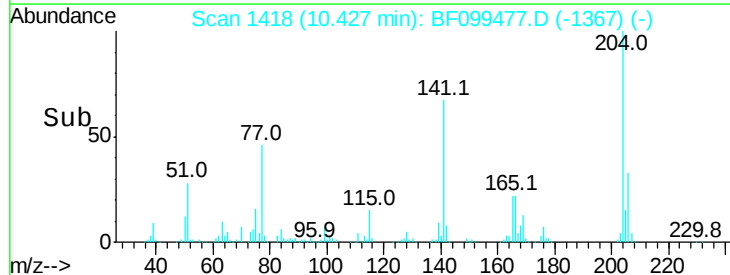
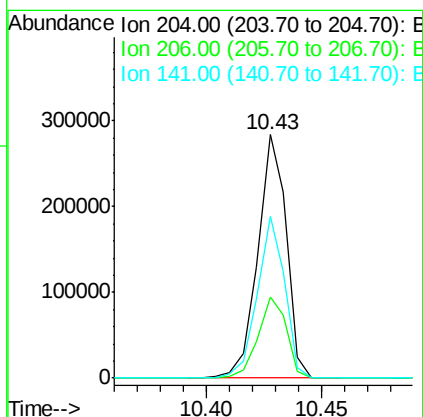
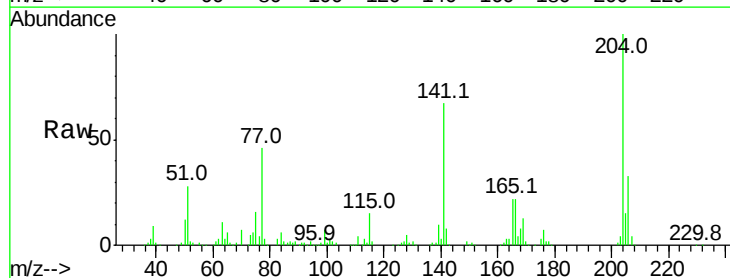
Instrument :
BNA_F
ClientSampleId :

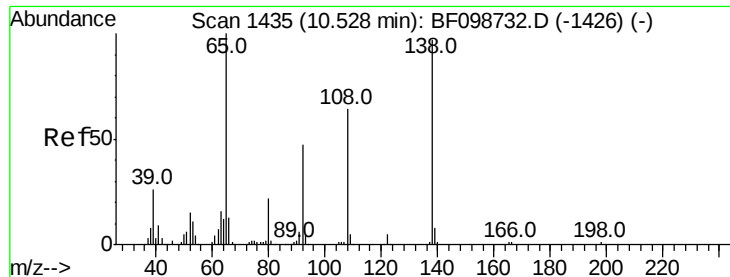
Tot Ion:149 Resp: 569889
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.7 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.780 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:204 Resp: 244220
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 66.7 54.6 81.8

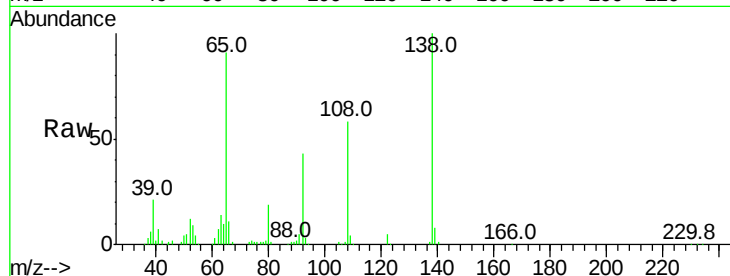




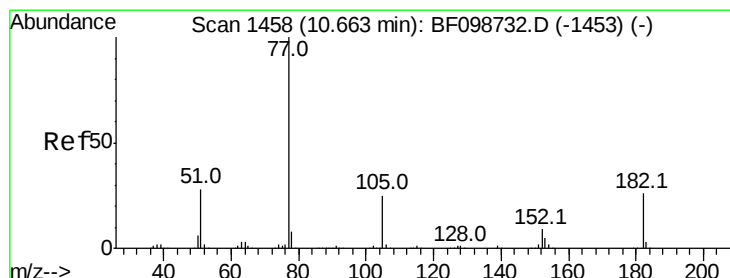
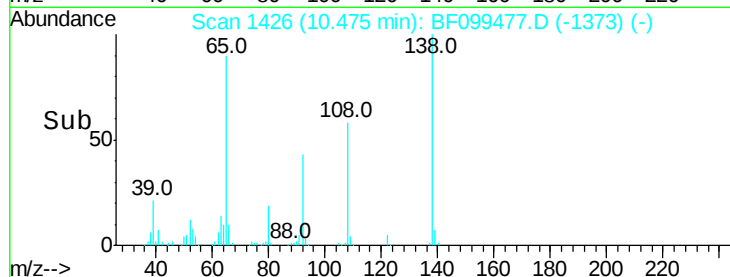
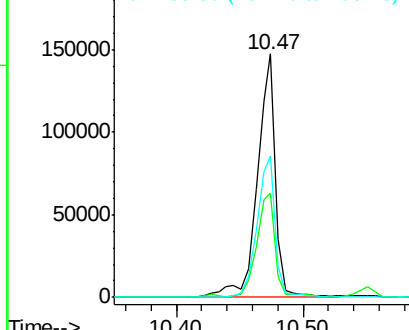
#61
4-Nitroaniline
Concen: 44.623 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 149539
Ion Ratio Lower Upper
138 100
92 43.0 30.2 70.2
108 57.8 52.5 92.5

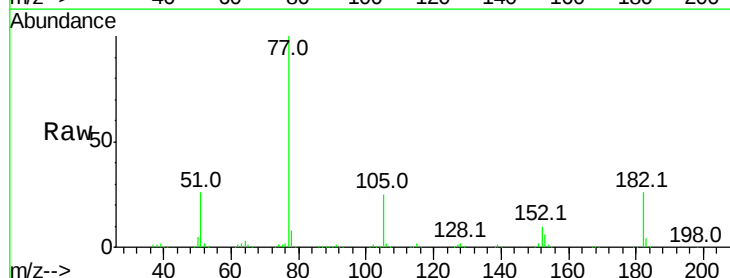


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

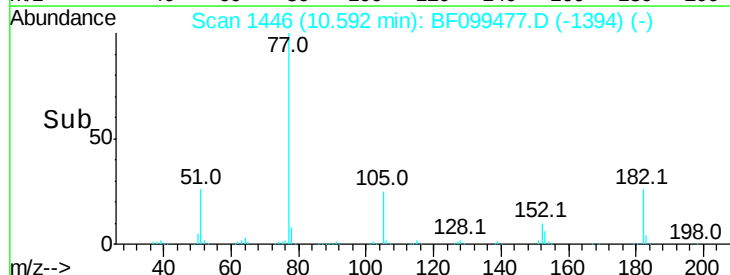
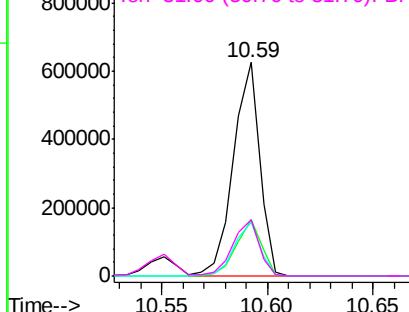


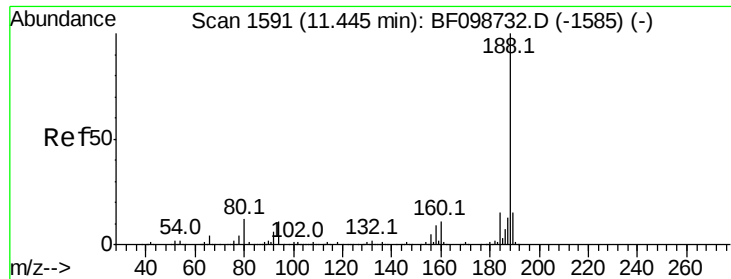
#62
Azobenzene
Concen: 43.827 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion: 77 Resp: 538821
Ion Ratio Lower Upper
77 100
182 26.2 1.7 41.7
105 25.1 3.0 43.0
51 26.1 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

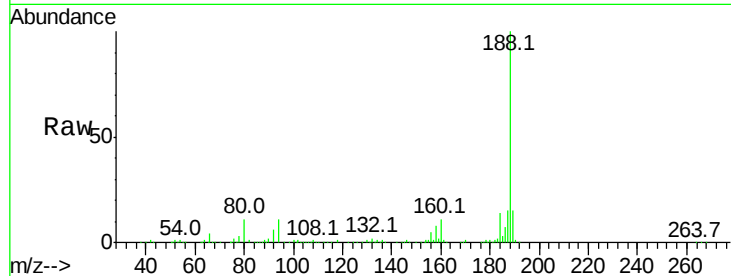




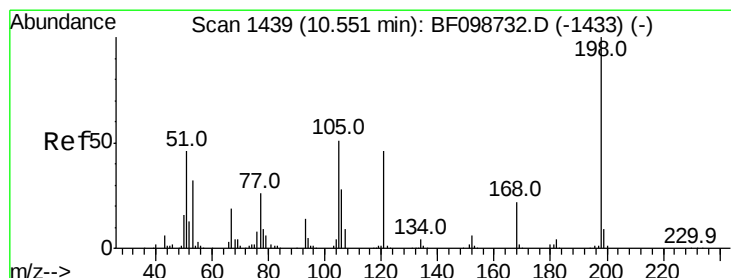
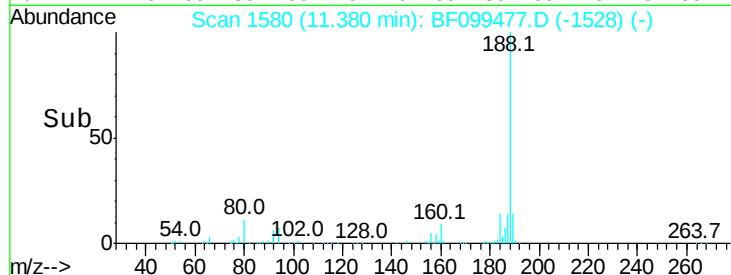
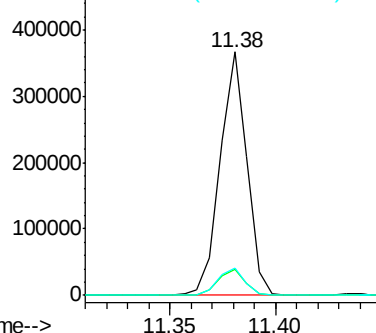
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 322879
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.3 9.2 13.8

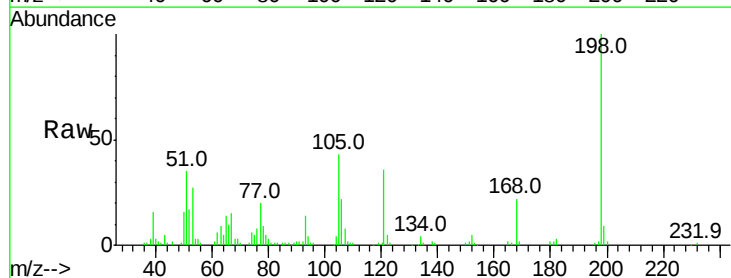


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

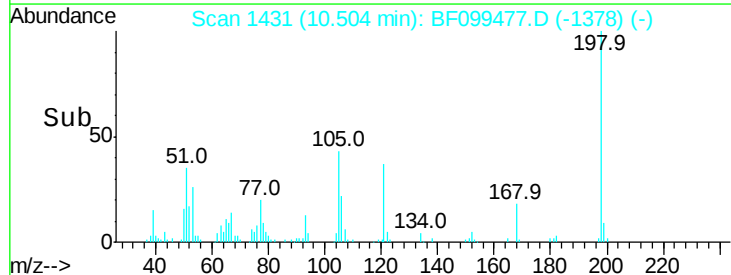
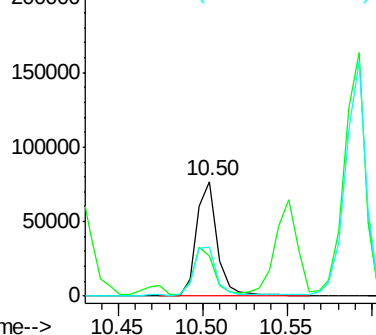


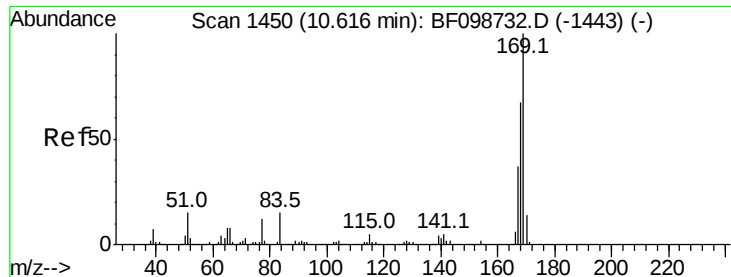
#64
4,6-Dinitro-2-methylphenol
Concen: 34.017 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:198 Resp: 66825
Ion Ratio Lower Upper
198 100
51 34.9 37.7 77.7#
105 42.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

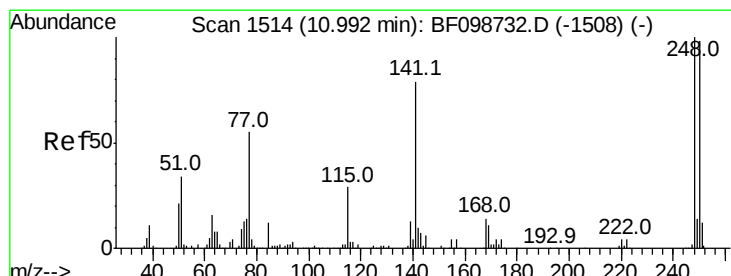
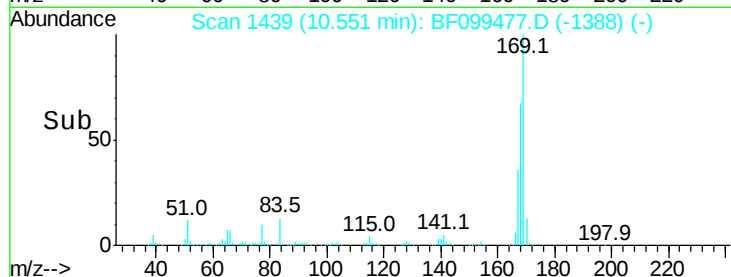
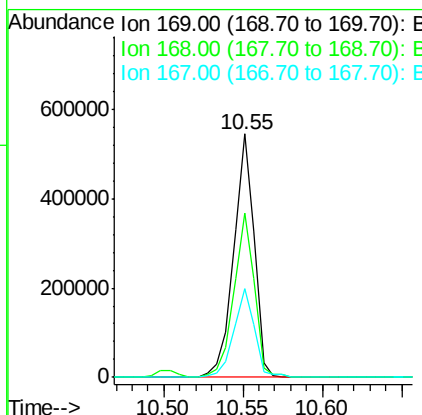
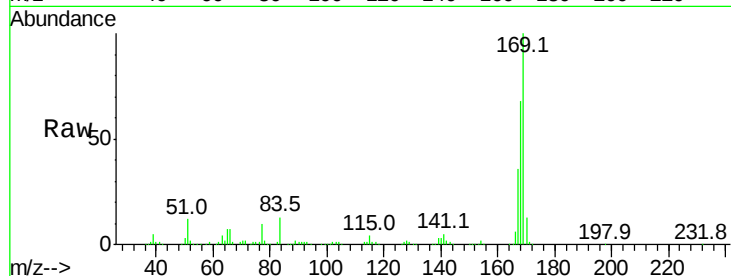




#65
 n-Nitrosodiphenylamine
 Concen: 43.661 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

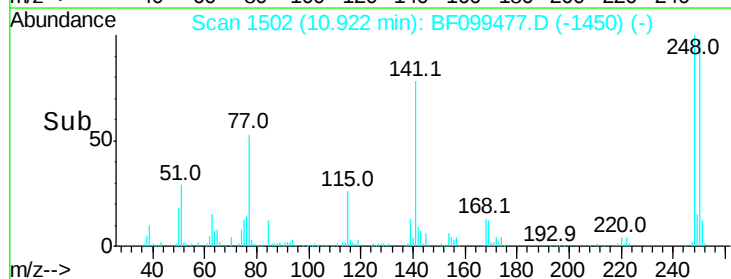
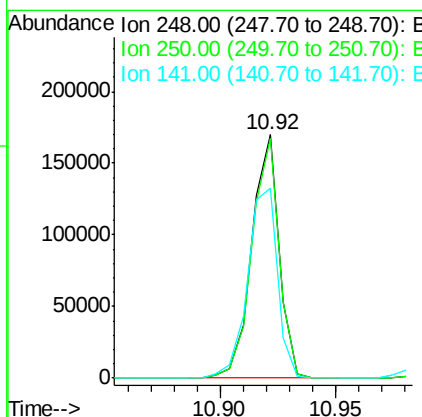
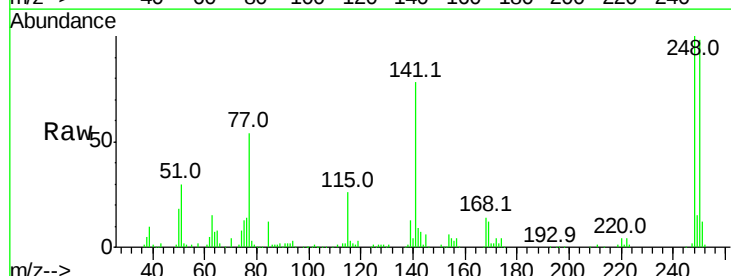
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 488366
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.563 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:248 Resp: 140839
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 78.0 74.4 111.6

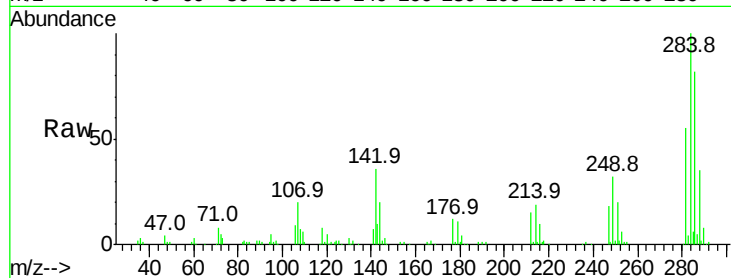




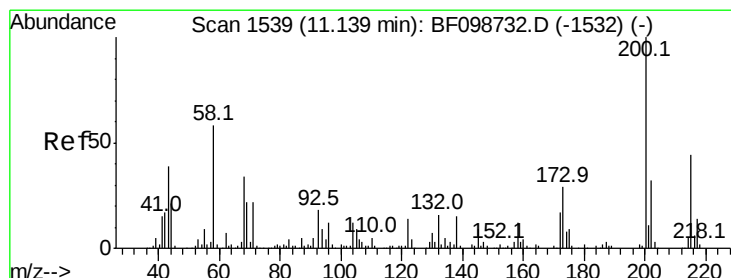
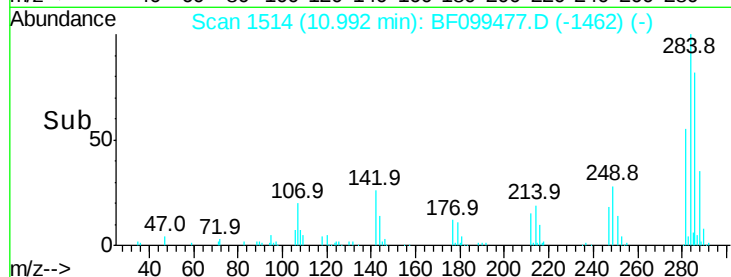
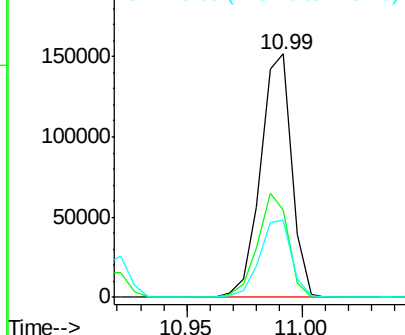
#67
Hexachlorobenzene
Concen: 42.384 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 143068
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 31.5 24.8 37.2

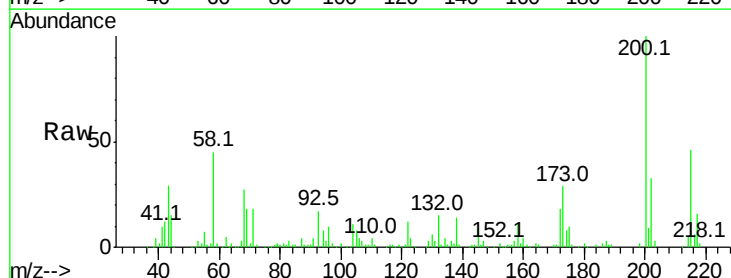


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

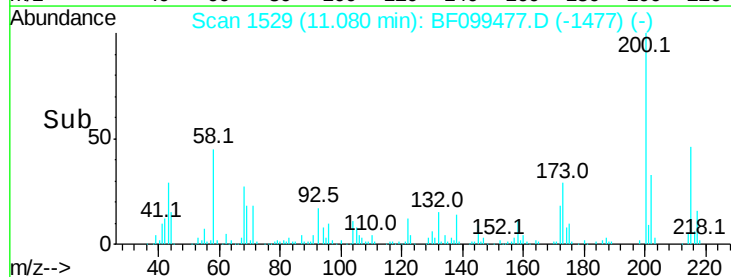
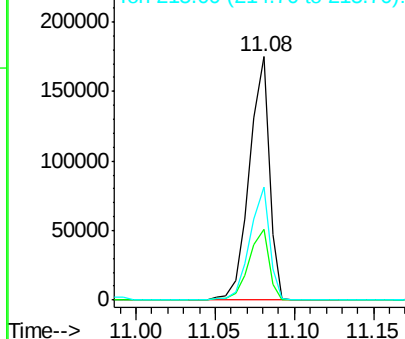


#68
Atrazine
Concen: 45.693 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:200 Resp: 153773
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 46.4 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

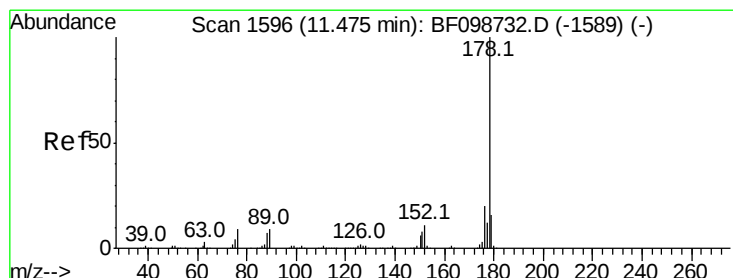
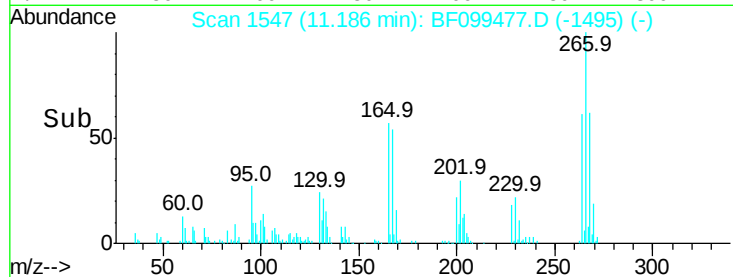
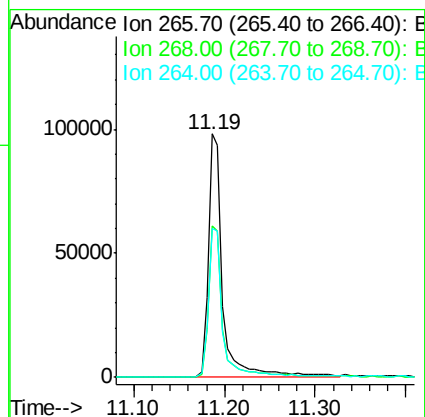
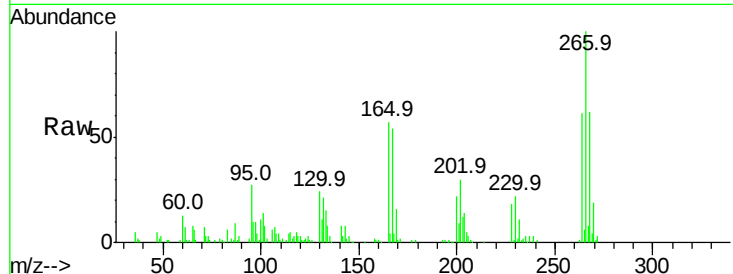




#69
 Pentachlorophenol
 Concen: 52.791 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

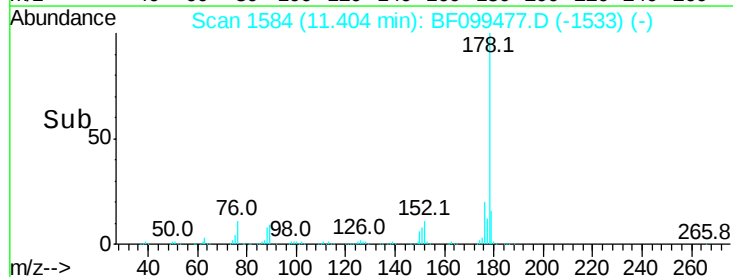
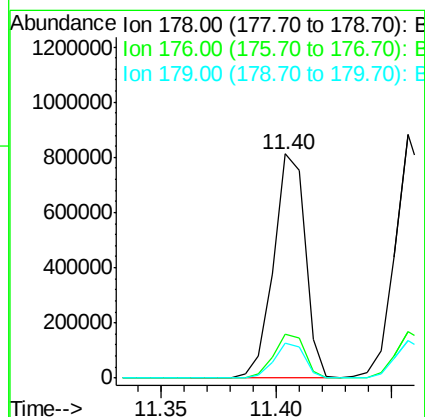
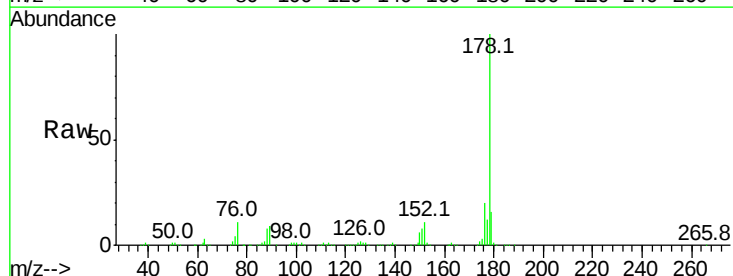
Instrument :
 BNA_F
 ClientSampled :

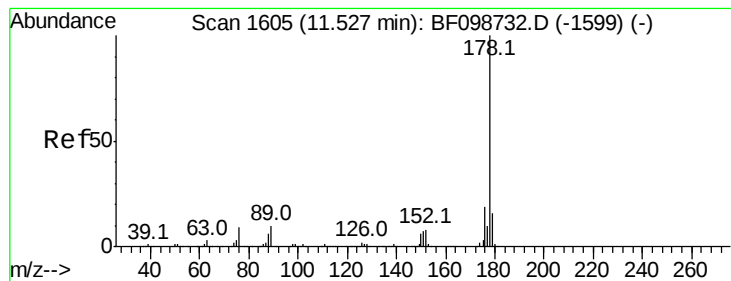
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	61.2	49.5	74.3



#70
 Phenanthrene
 Concen: 44.706 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.9	13.0	19.6





#71

Anthracene

Concen: 46.075 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampled :

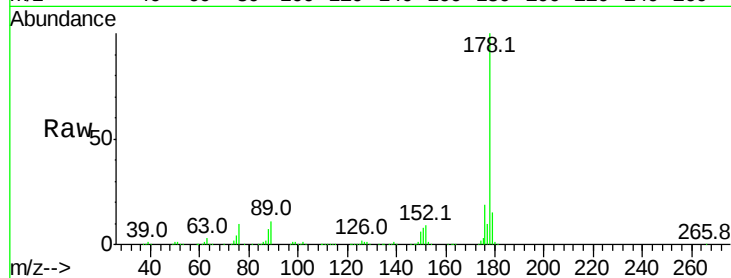
Tot Ion:178 Resp: 814773

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

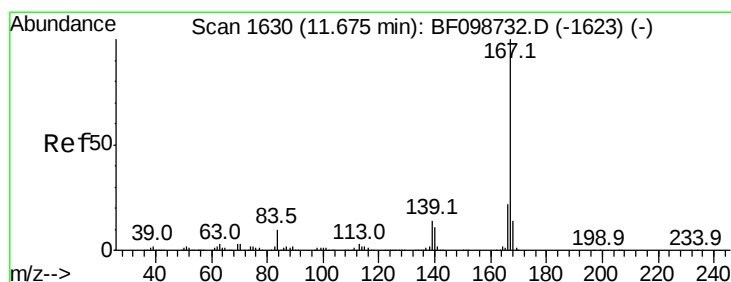
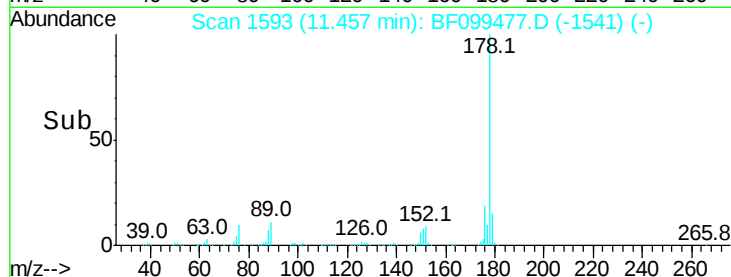
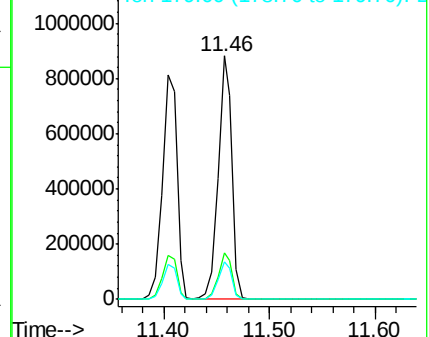
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.695 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

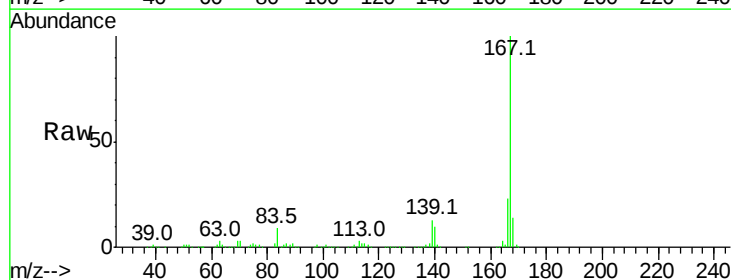
Tgt Ion:167 Resp: 756663

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

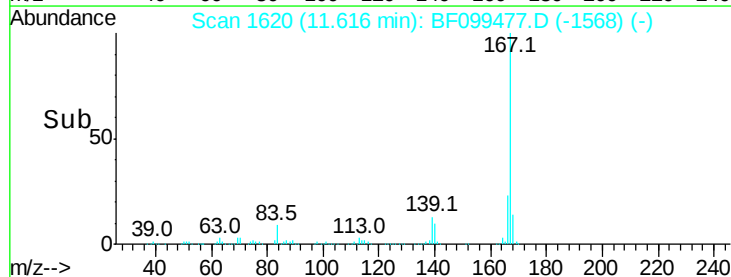
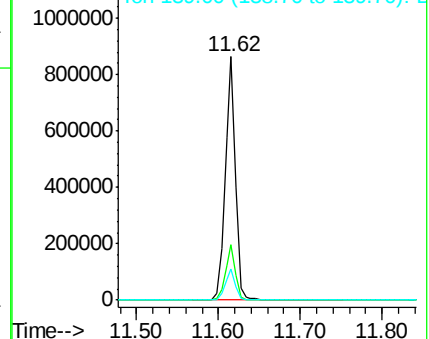
139 13.0 10.9 16.3

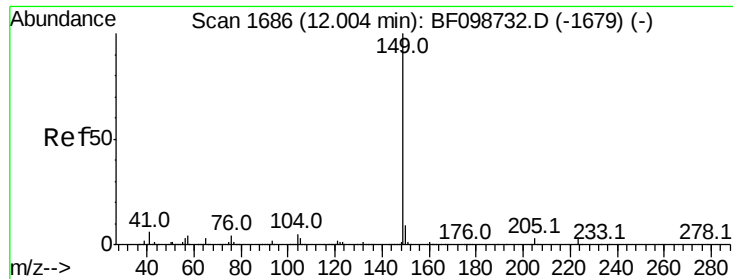


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.530 ng

RT: 11.93 min Scan# 1674

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampled :

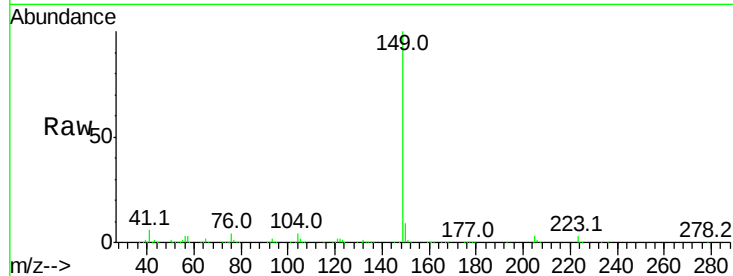
Tot Ion:149 Resp: 907335

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

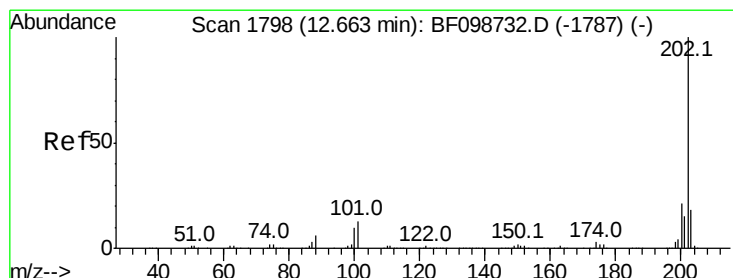
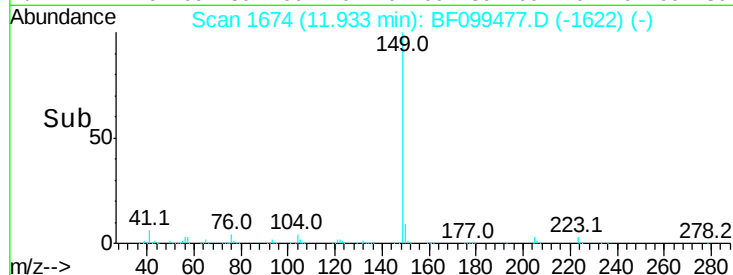
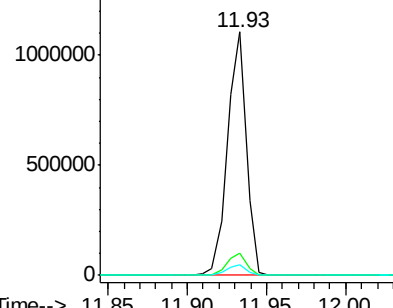
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.708 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

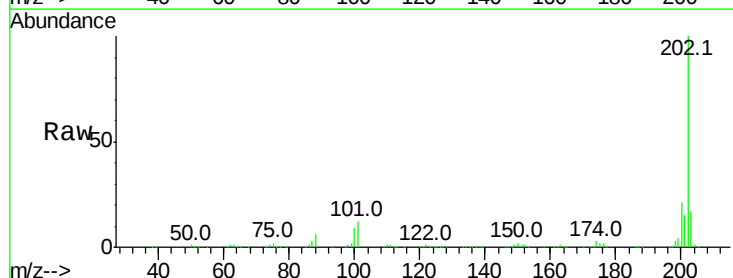
Tgt Ion:202 Resp: 799933

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

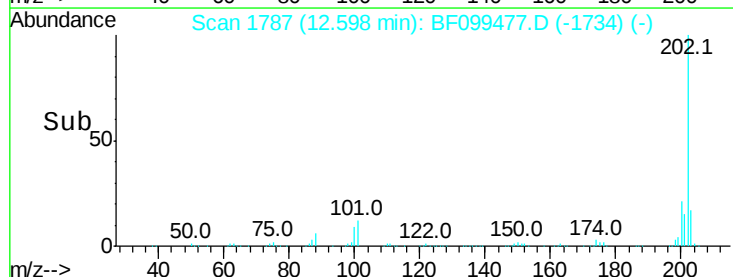
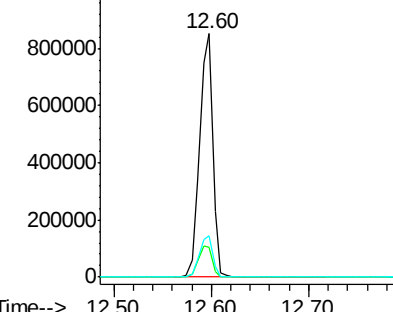
203 17.2 0.0 38.1

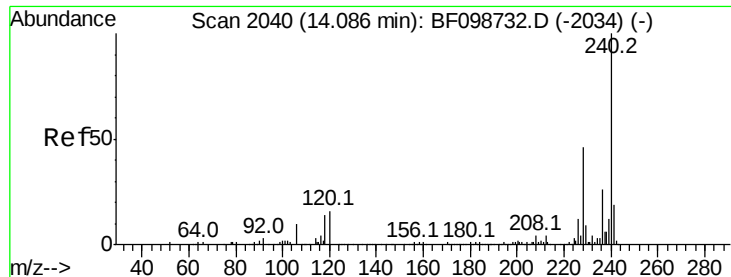


Abundance Ion 202.00 (201.70 to 202.70): E

1000000 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: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

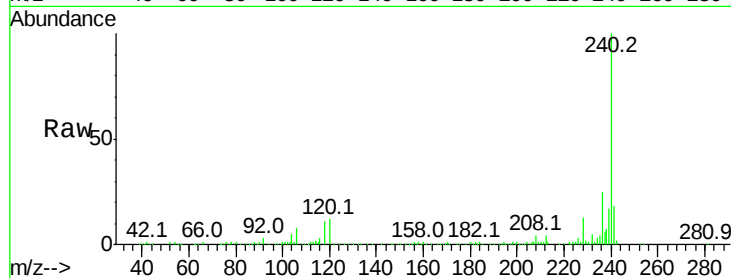
Tot Ion:240 Resp: 220803

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

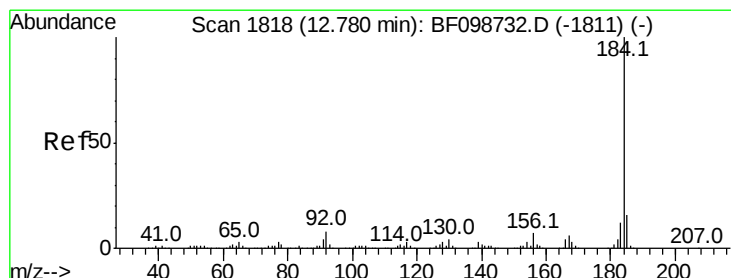
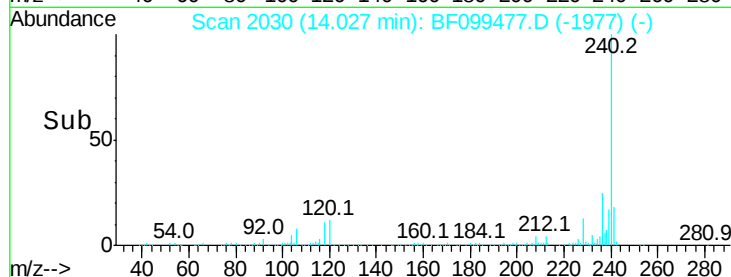
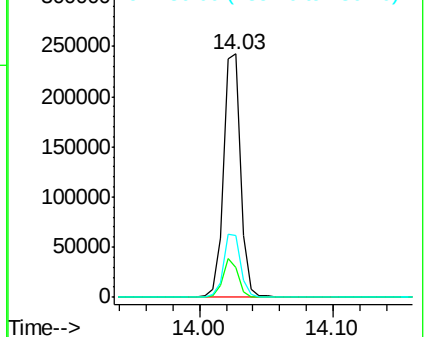
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.166 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

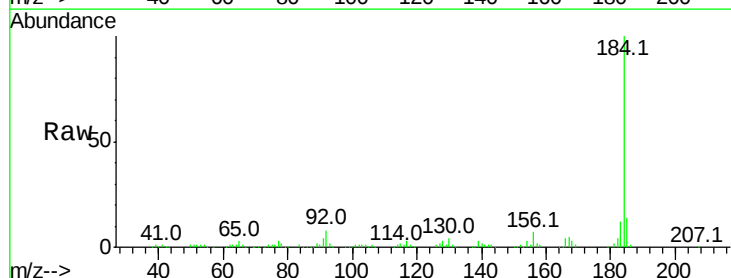
Tgt Ion:184 Resp: 221854

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

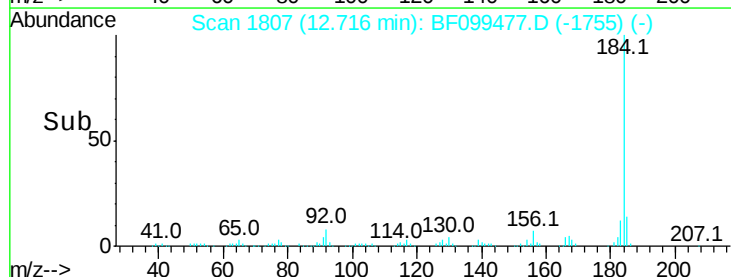
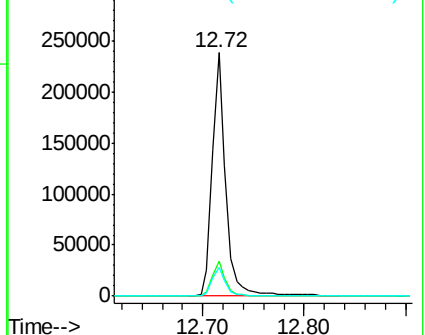
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

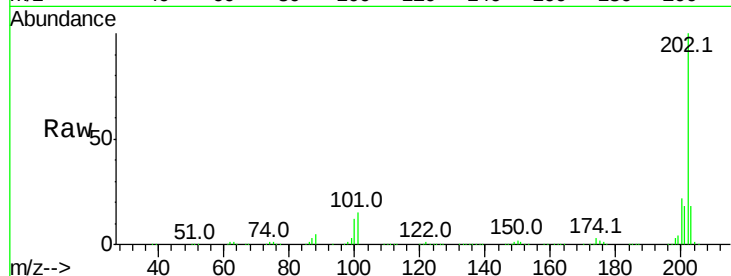




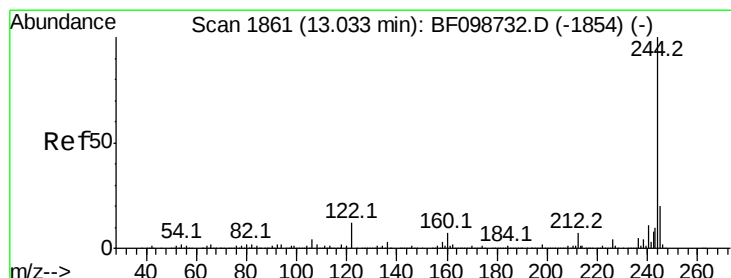
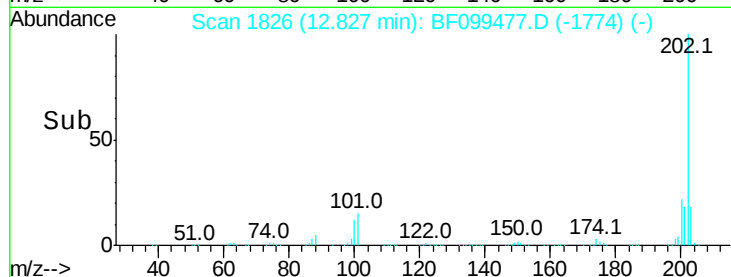
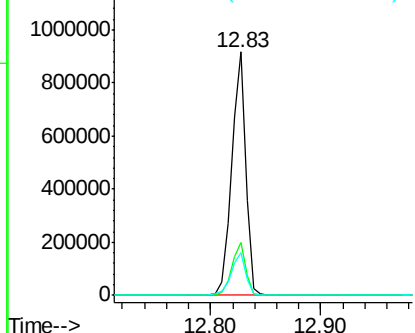
#77
Pvrene
Concen: 48.712 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 820174
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.6 14.3 21.5

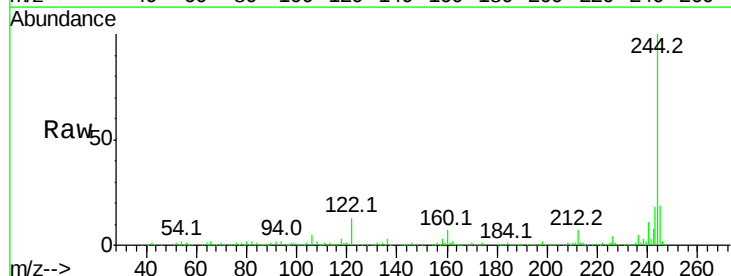


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

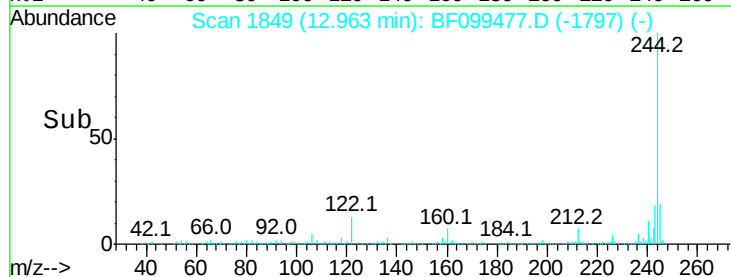
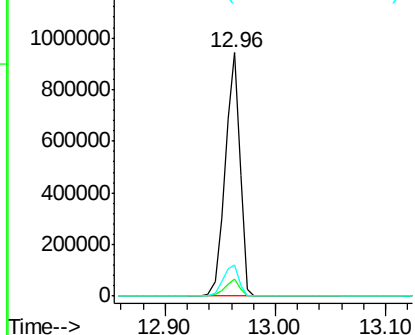


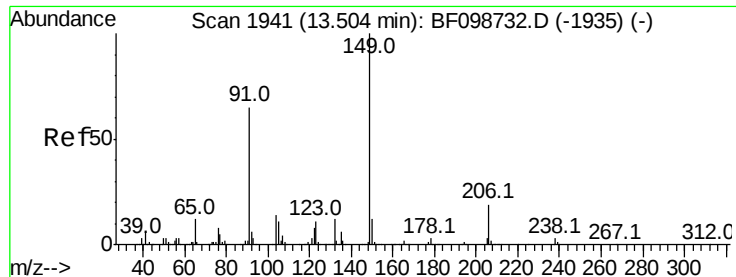
#78
Terphenyl-d14
Concen: 90.919 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:244 Resp: 882732
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.1 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

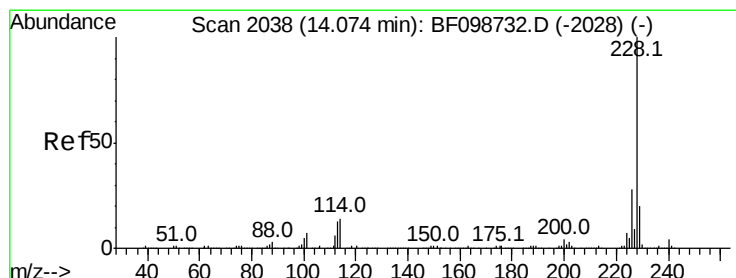
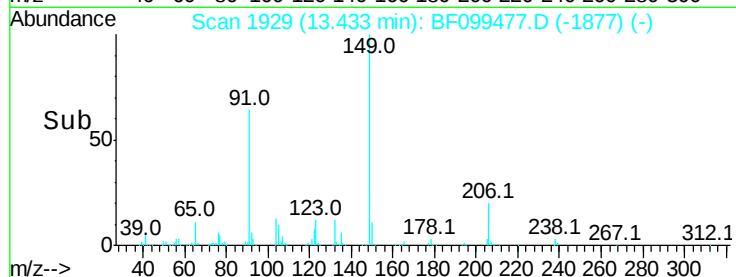
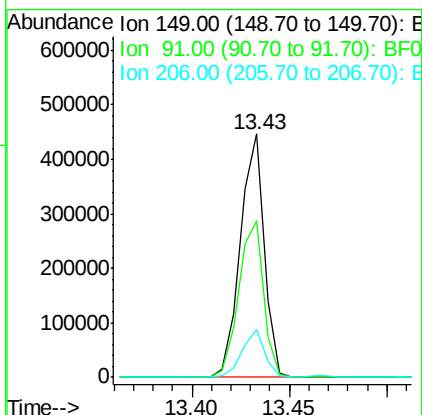
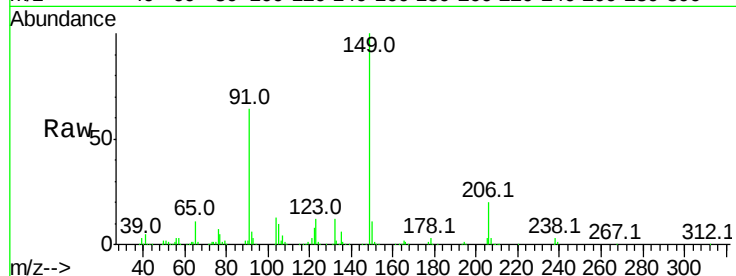




#79
 Butylbenzylphthalate
 Concen: 48.035 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

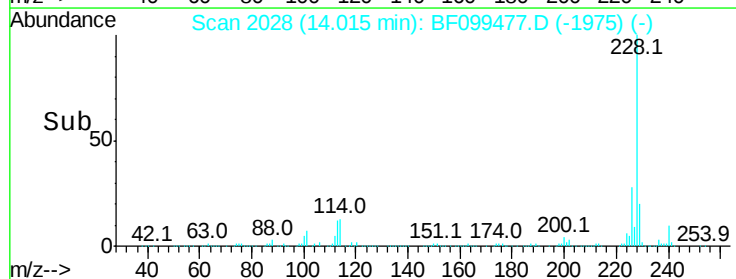
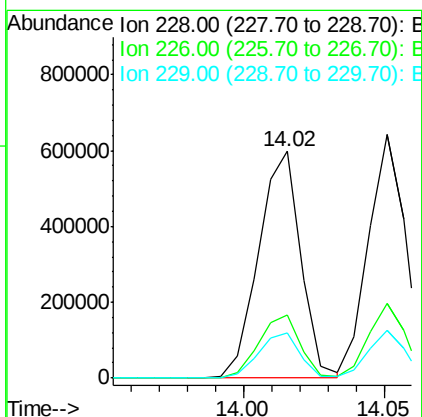
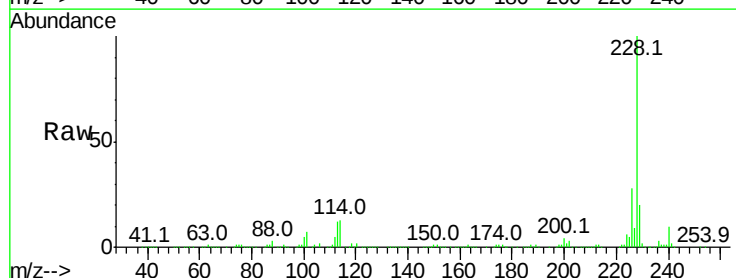
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	56.8	85.2
206	19.8	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 46.132 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	15.8	23.6

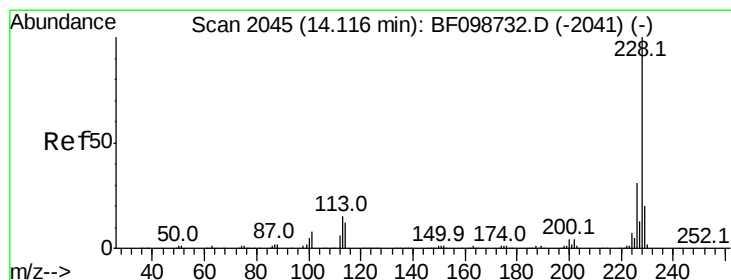
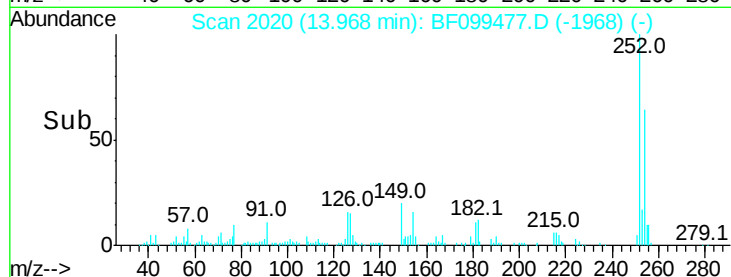
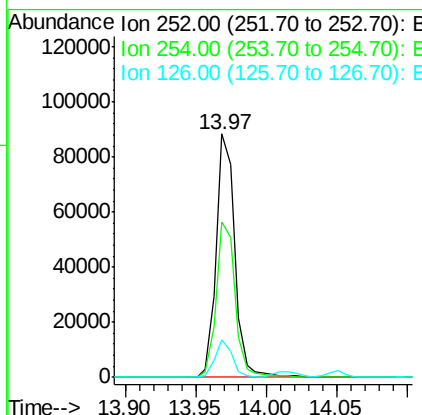
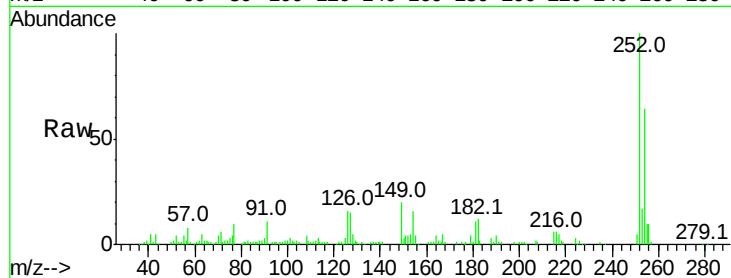




#81
 3,3'-Dichlorobenzidine
 Concen: 16.631 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

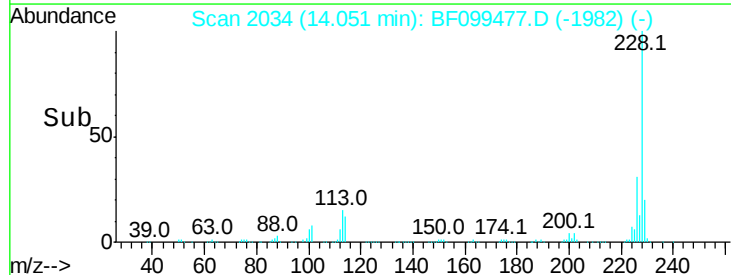
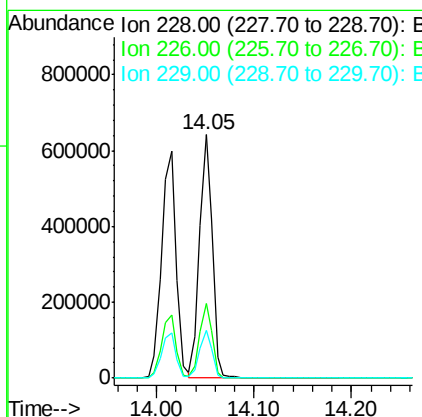
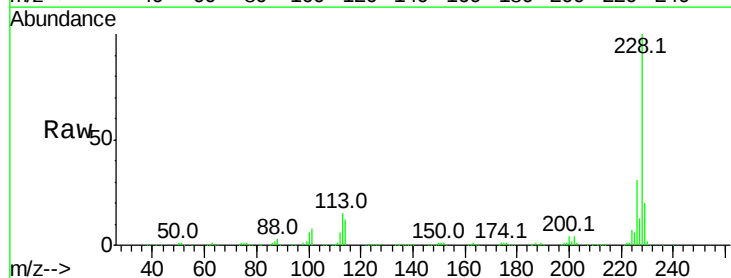
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 81516
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.4 75.6
 126 15.7 11.3 16.9



#82
 Chrysene
 Concen: 46.155 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion:228 Resp: 587512
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 19.8 16.2 24.4

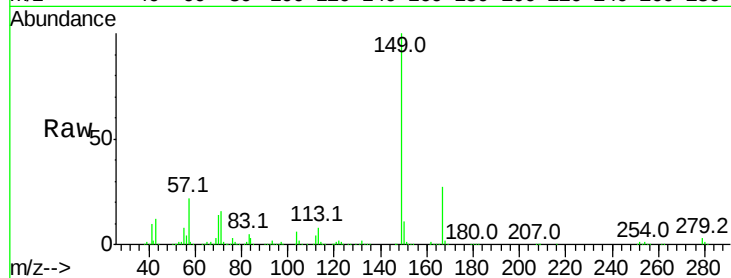




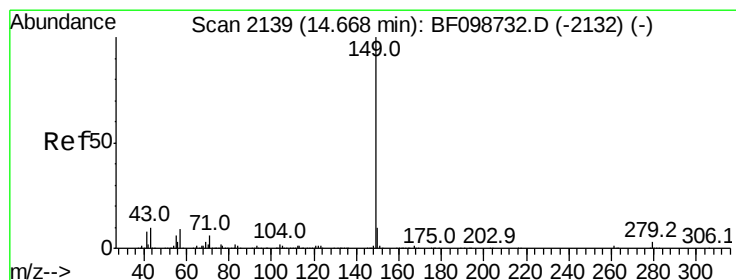
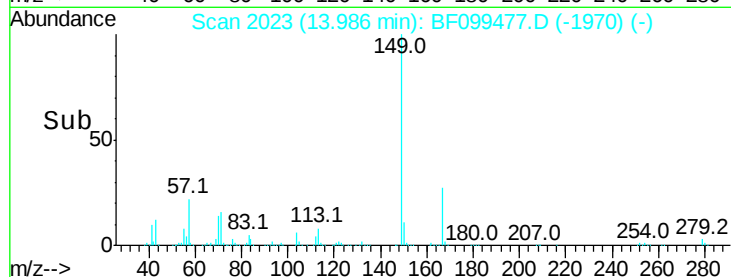
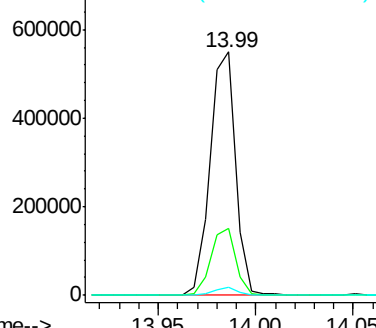
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.731 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.3	3.0	4.4

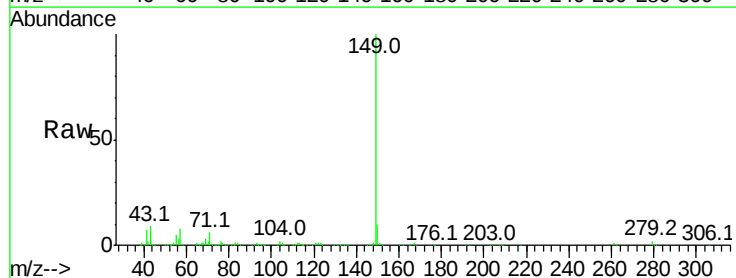


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

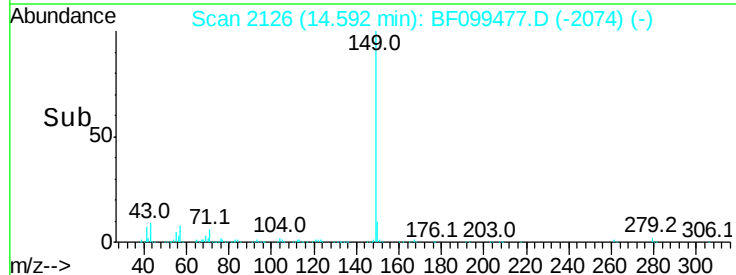
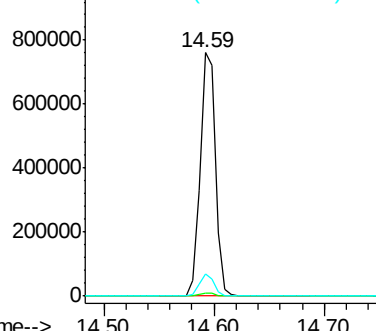


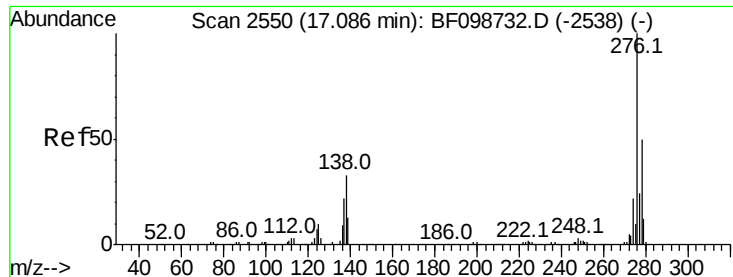
#84
 Di-n-octyl phthalate
 Concen: 42.213 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.4	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

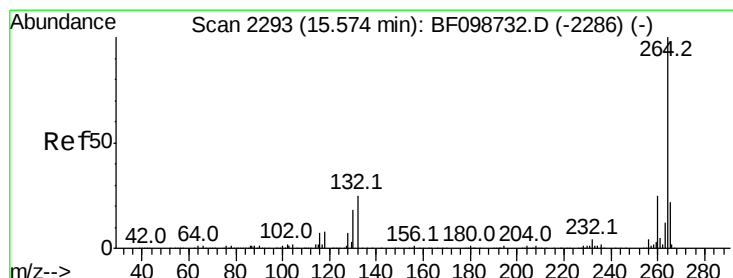
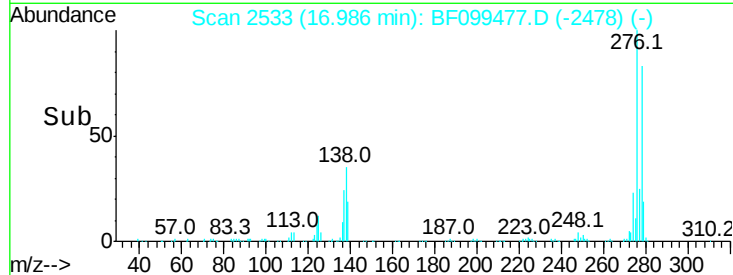
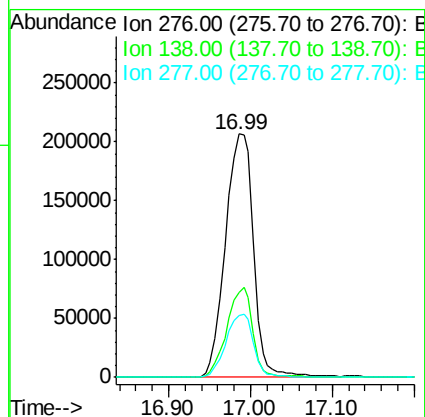
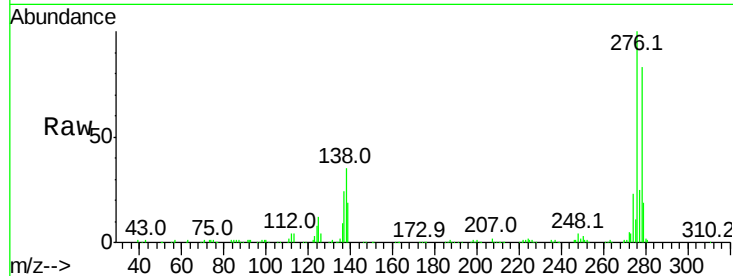




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.770 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

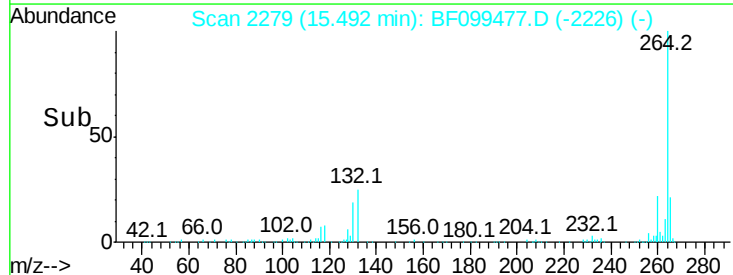
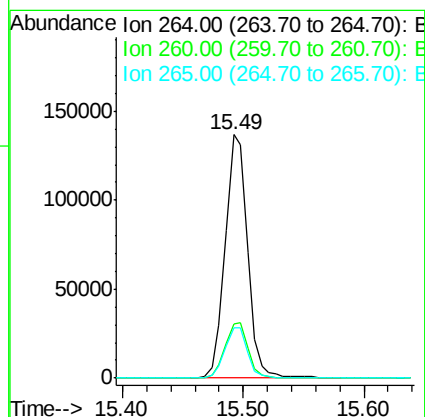
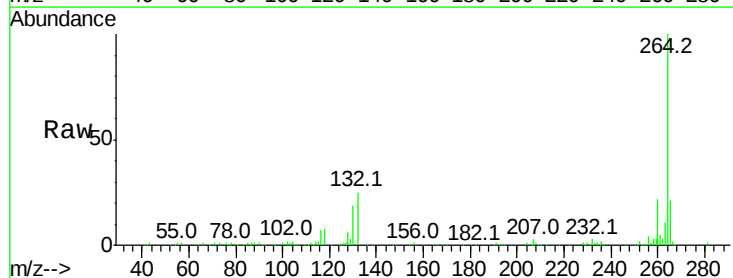
Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 496594
Ion Ratio Lower Upper
276 100
138 34.2 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF099477.D
Acq: 14 Oct 2017 15:23

Tgt Ion:264 Resp: 175387
Ion Ratio Lower Upper
264 100
260 22.2 19.2 28.8
265 20.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 46.769 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BF099477.D

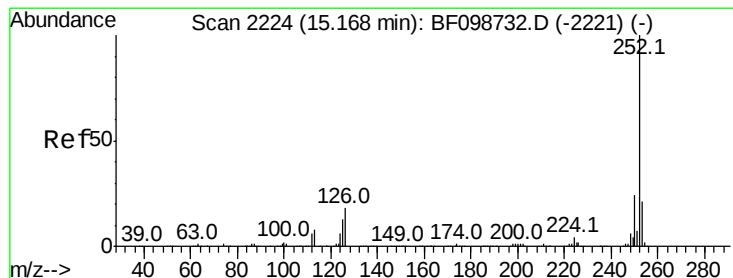
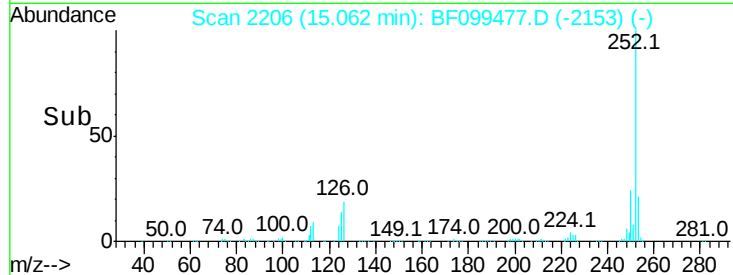
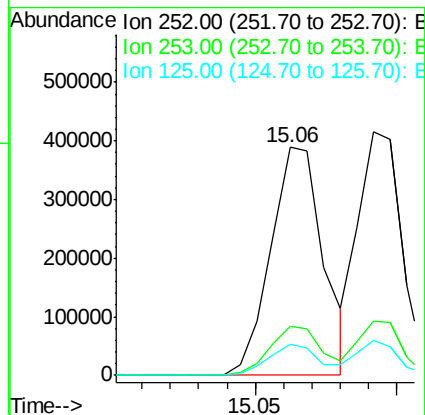
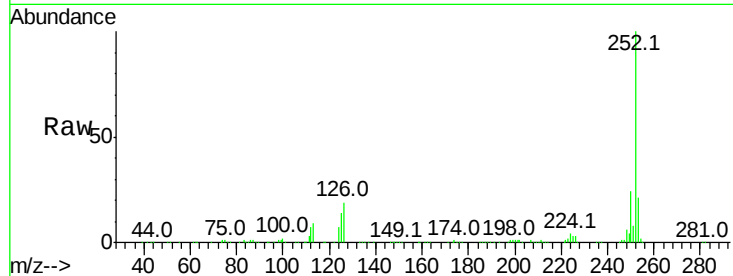
Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampled :

Tot Ion:252	Resp:	504331
Ion Ratio	Lower	Upper
252	100	
253	21.5	17.0 25.6
125	13.7	9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 42.644 ng

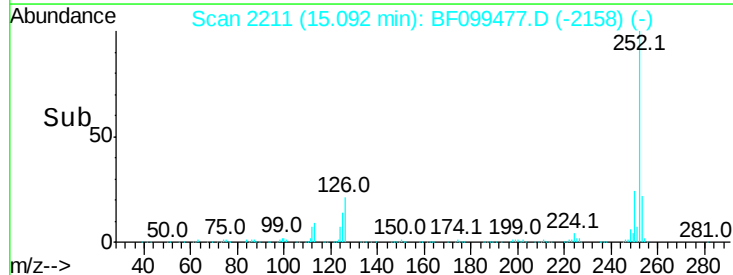
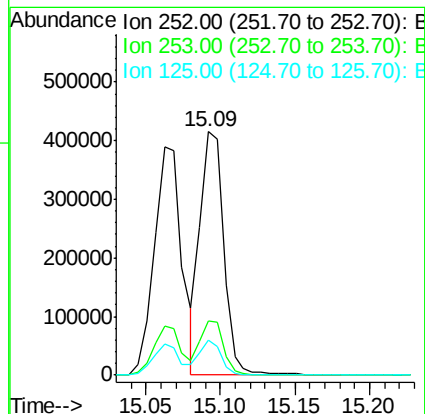
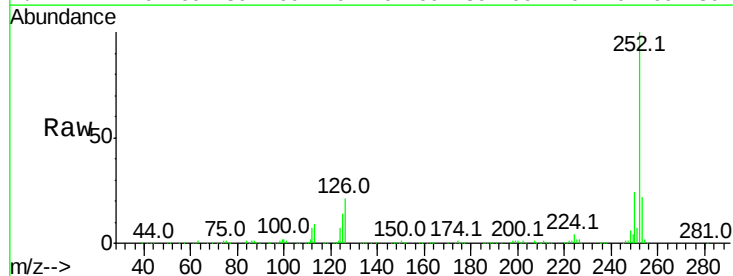
RT: 15.09 min Scan# 2211

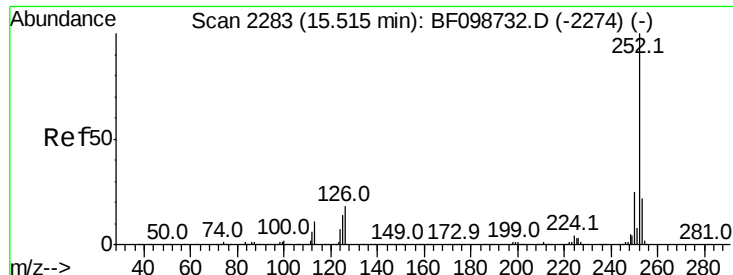
Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Tgt Ion:252	Resp:	454194
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.9 26.9
125	14.2	10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.215 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

Instrument :

BNA_F

ClientSampleId :

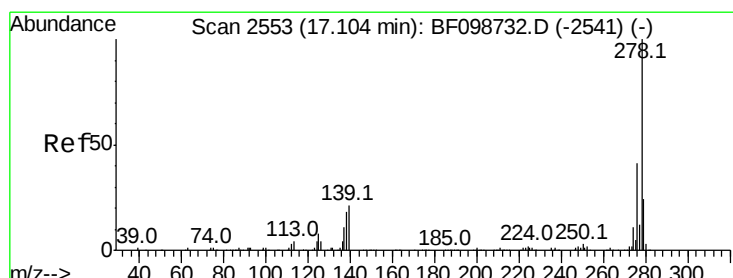
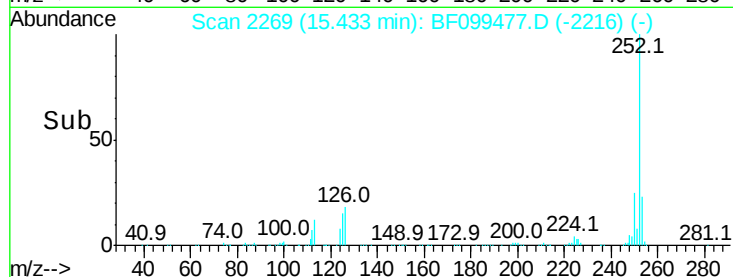
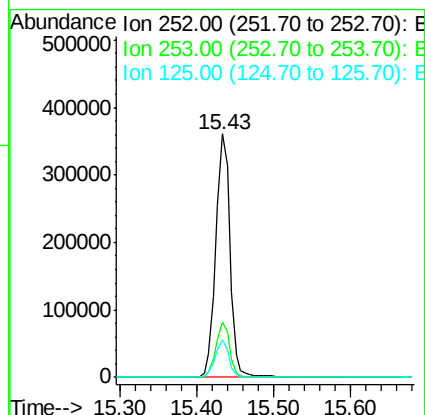
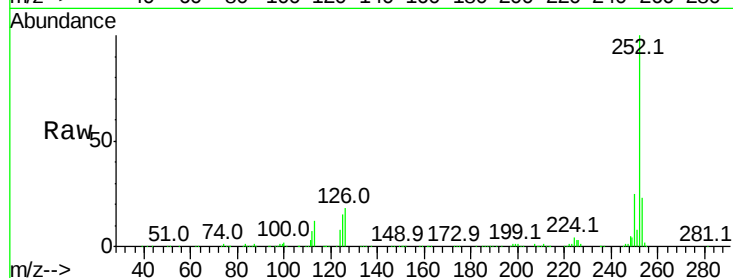
Tot Ion:252 Resp: 457456

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 15.2 9.8 14.6#



#90

Dibenzo(a,h)anthracene

Concen: 51.659 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF099477.D

Acq: 14 Oct 2017 15:23

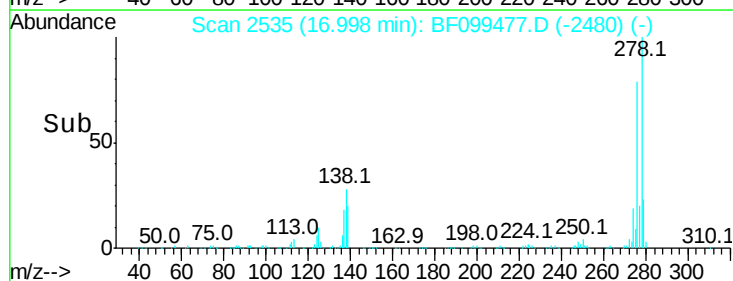
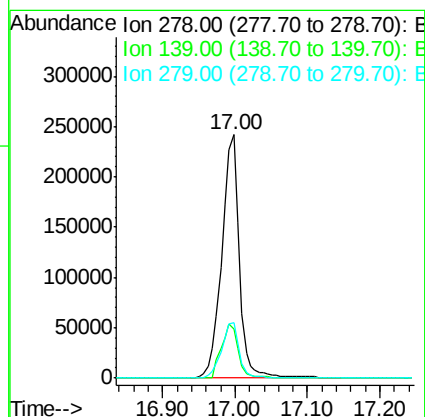
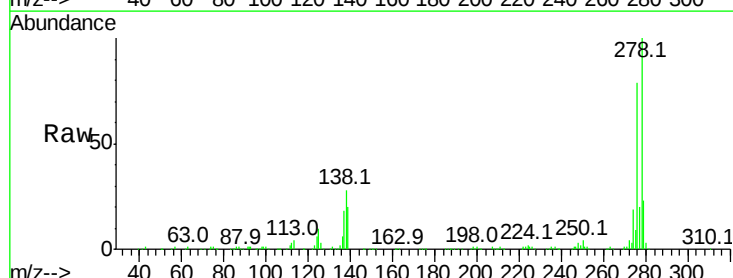
Tgt Ion:278 Resp: 409226

Ion Ratio Lower Upper

278 100

139 20.3 15.9 23.9

279 22.7 19.0 28.4

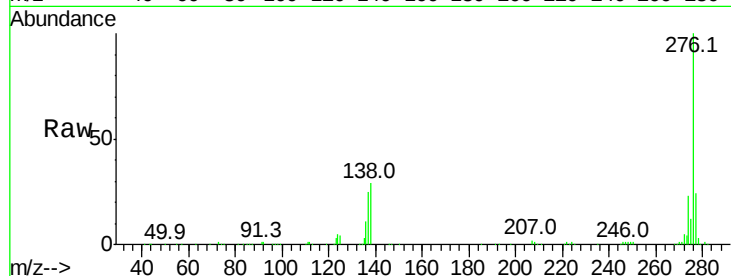




#91
 Benzo(a,h,i)perylene
 Concen: 55.572 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.03 min
 Lab File: BF099477.D
 Acq: 14 Oct 2017 15:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	29.4	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

