

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099484.D
 Acq On : 14 Oct 2017 18:40
 Operator : SJ/JU
 Sample : I5869-13MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 14 22:07:20 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	97932	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	402319	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	175586	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	280501	20.00	ng	0.00
75) Chrysene-d12	14.02	240	149379	20.00	ng	0.00
86) Perylene-d12	15.50	264	159588	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	449478	73.06	ng	0.01
7) Phenol-d6	6.49	99	338963	44.66	ng	0.00
23) Nitrobenzene-d5	7.42	82	659290	105.09	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	198246	137.98	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1146424	109.00	ng	0.00
78) Terphenyl-d14	12.96	244	771034	117.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	54358	18.497	ng	97
3) Pyridine	3.48	79	109293	13.748	ng	91
4) n-Nitrosodimethylamine	3.39	42	55924	16.589	ng	# 79
6) Aniline	6.52	93	204574	19.973	ng	97
8) 2-Chlorophenol	6.65	128	273860	39.310	ng	93
9) Benzaldehyde	6.41	77	123584	28.073	ng	95
10) Phenol	6.50	94	144534	17.029	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	313648	47.535	ng	96
12) 1,3-Dichlorobenzene	6.79	146	354494	48.587	ng	98
13) 1,4-Dichlorobenzene	6.87	146	356649	48.044	ng	100
14) 1,2-Dichlorobenzene	7.03	146	331612	48.346	ng	96
15) Benzyl Alcohol	7.00	79	160343	28.800	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	443642	43.156	ng	87
17) 2-Methylphenol	7.12	107	183164	32.132	ng	# 92
18) Hexachloroethane	7.36	117	123315	46.216	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	213871	44.140	ng	95
20) 3+4-Methylphenols	7.26	107	196027	27.183	ng	# 33
22) Acetophenone	7.26	105	435288	44.656	ng	98
24) Nitrobenzene	7.44	77	335860	47.195	ng	98
25) Isophorone	7.67	82	612073	47.190	ng	99
26) 2-Nitrophenol	7.76	139	179791	52.538	ng	90
27) 2,4-Dimethylphenol	7.79	122	252382	39.052	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	396324	49.032	ng	99
29) 2,4-Dichlorophenol	8.00	162	249713	45.003	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	280845	50.606	ng	98
31) Naphthalene	8.16	128	928575	49.143	ng	99
32) Benzoic acid	7.89	122	23236	4.377	ng	97
33) 4-Chloroaniline	8.21	127	145703	18.465	ng	97
34) Hexachlorobutadiene	8.27	225	136134	47.625	ng	99
35) Caprolactam	8.60	113	12918	7.258	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	237987	38.159	ng	96
37) 2-Methylnaphthalene	8.85	142	631949	51.447	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	253415	48.394	ng	99
40) Hexachlorocyclopentadiene	9.00	237	161872	67.642	ng	98

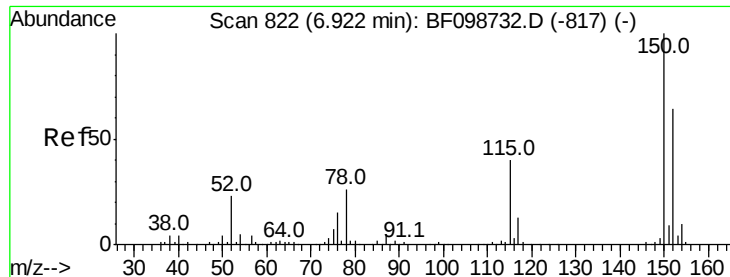
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	163149	43.979	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	168096	45.392	nq	93
45) 1,1'-Biphenyl	9.32	154	726383	48.135	nq	99
46) 2-Chloronaphthalene	9.34	162	579493	51.145	nq	98
47) 2-Nitroaniline	9.45	65	164820	47.508	nq	90
48) Acenaphthylene	9.76	152	848344	48.911	nq	100
49) Dimethylphthalate	9.62	163	678231	51.178	nq	100
50) 2,6-Dinitrotoluene	9.69	165	150436	52.142	nq	87
51) Acenaphthene	9.93	154	497441	45.275	nq	99
52) 3-Nitroaniline	9.86	138	81282	24.162	nq	89
53) 2,4-Dinitrophenol	9.97	184	80746	55.668	nq	97
54) Dibenzofuran	10.10	168	732409	50.066	nq	98
55) 4-Nitrophenol	10.03	139	44809	15.753	nq	99
56) 2,4-Dinitrotoluene	10.09	165	176143	47.042	nq	94
57) Fluorene	10.45	166	576931	49.067	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	100088	39.125	nq	89
59) Diethylphthalate	10.31	149	612165	47.274	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	265015	50.176	nq	90
61) 4-Nitroaniline	10.47	138	136689	42.116	nq	90
62) Azobenzene	10.59	77	569472	47.828	nq	94
64) 4,6-Dinitro-2-methylphenol	10.50	198	69999	41.016	nq	78
65) n-Nitrosodiphenylamine	10.55	169	507460	52.222	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	152372	55.496	nq	94
67) Hexachlorobenzene	10.99	284	150527	51.331	nq	96
68) Atrazine	11.09	200	140556	48.075	nq	97
69) Pentachlorophenol	11.19	266	107096	58.681	nq	100
70) Phenanthrene	11.41	178	777241	51.766	nq	99
71) Anthracene	11.46	178	801037	52.142	nq	99
72) Carbazole	11.62	167	677423	45.029	nq	100
73) Di-n-butylphthalate	11.93	149	868645	47.970	nq	99
74) Fluoranthene	12.60	202	698152	45.920	nq	98
77) Pyrene	12.83	202	688952	60.484	nq	99
79) Butylbenzylphthalate	13.43	149	286227	53.467	nq	91
80) Benzo(a)anthracene	14.02	228	484082	53.518	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	41067	12.385	nq	99
82) Chrysene	14.05	228	457770	53.158	nq	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	374406	50.793	nq	# 99
84) Di-n-octyl phthalate	14.59	149	593419	49.996	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.00	276	579046	84.058	nq	96
87) Benzo(b)fluoranthene	15.07	252	473138	48.220	nq	99
88) Benzo(k)fluoranthene	15.10	252	444544	45.870	nq	98
89) Benzo(a)pyrene	15.44	252	463956	51.512	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	479067	66.462	nq	96
91) Benzo(g,h,i)perylene	17.44	276	511653	71.810	nq	95

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

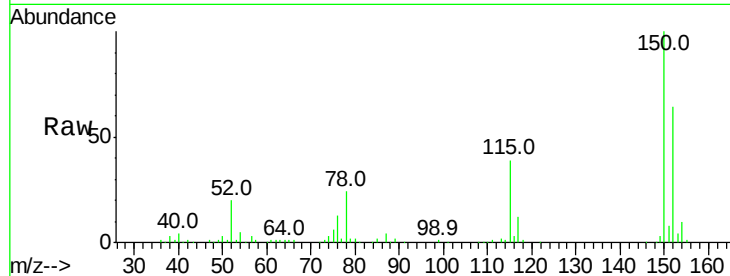


#1

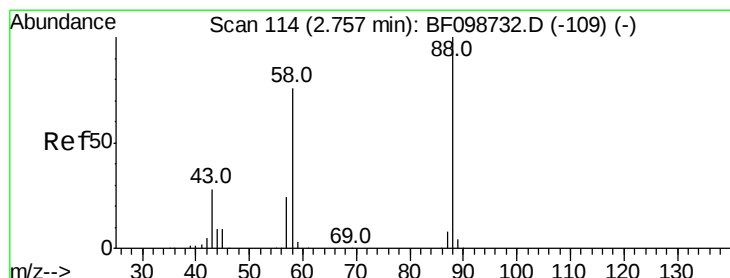
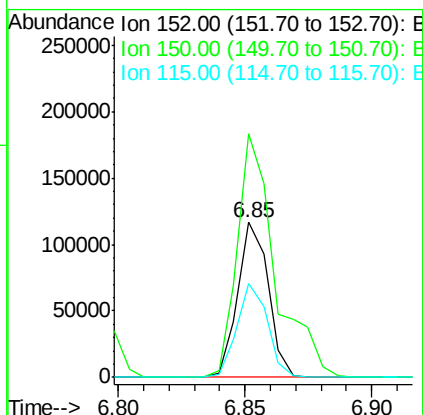
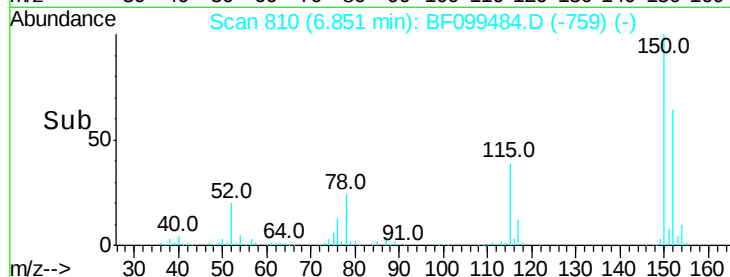
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97932
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.5 50.1 75.1



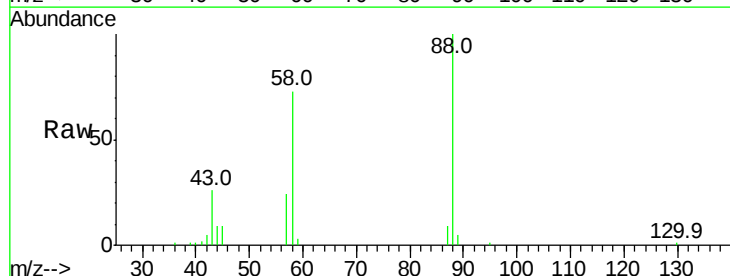
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



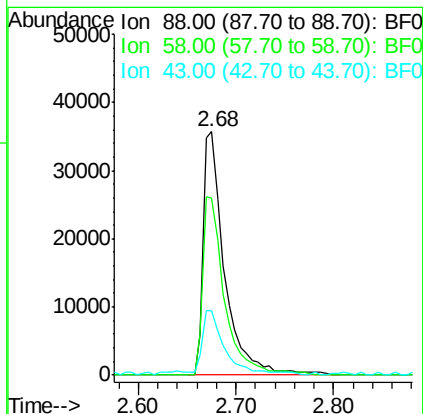
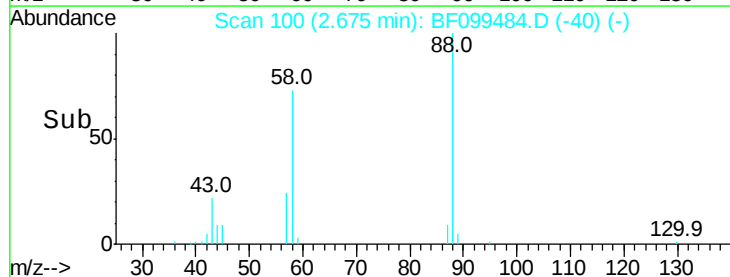
#2

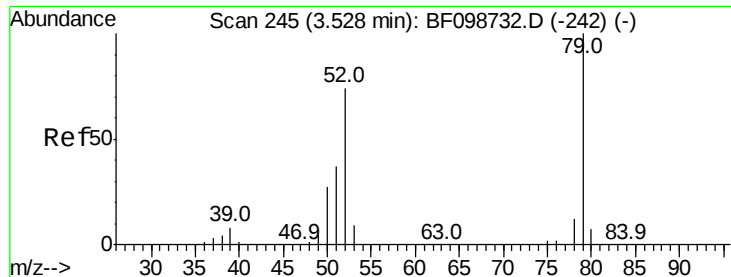
1,4-Dioxane
Concen: 18.497 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.05 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion: 88 Resp: 54358
Ion Ratio Lower Upper
88 100
58 75.4 62.6 93.8
43 28.9 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: 13.748 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.08 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

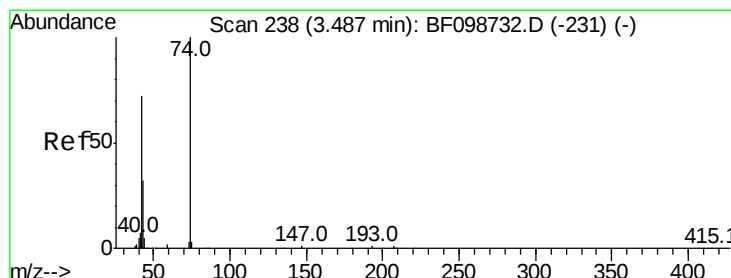
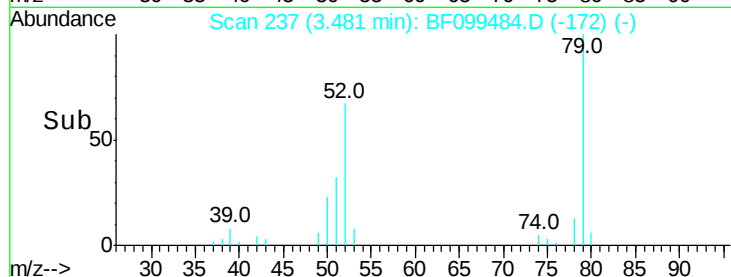
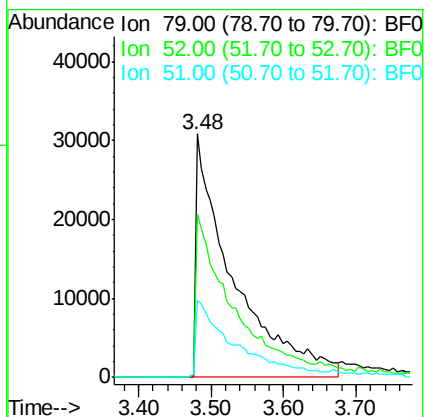
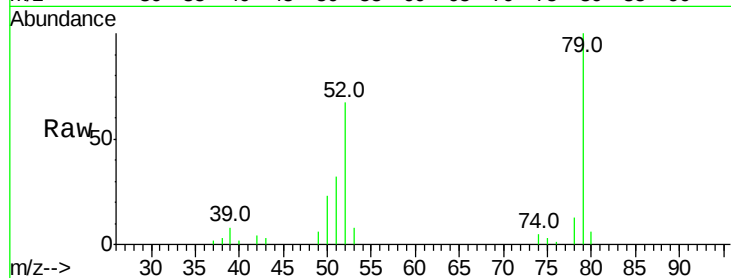
Tot Ion: 79 Resp: 109293

Ion Ratio Lower Upper

79 100

52 67.1 59.8 89.6

51 31.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 16.589 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

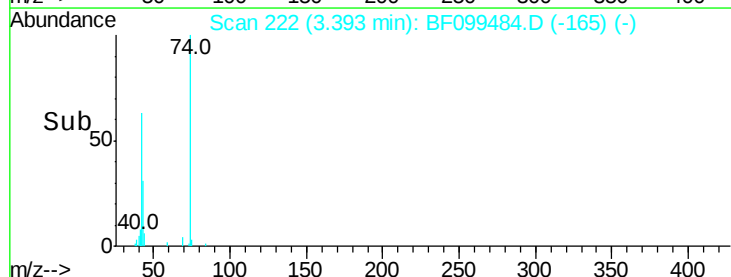
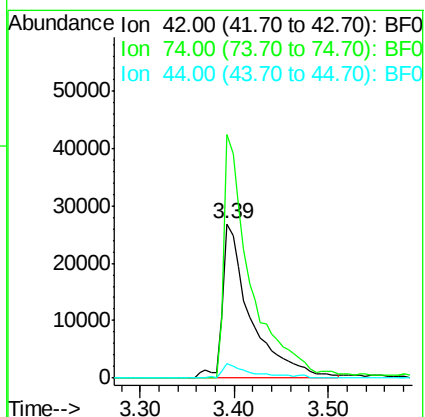
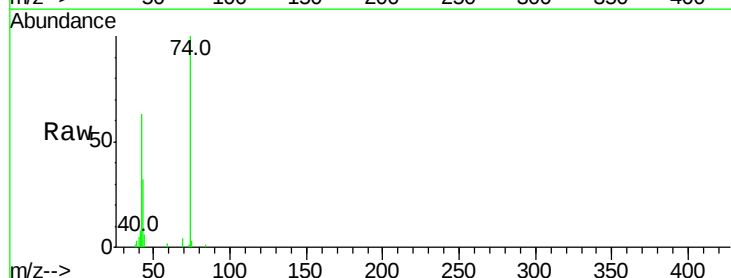
Tgt Ion: 42 Resp: 55924

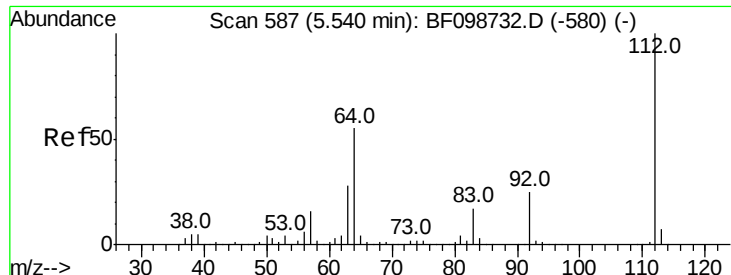
Ion Ratio Lower Upper

42 100

74 157.8 104.9 157.3#

44 9.3 6.9 10.3





#5

2-Fluorophenol

Concen: 73.063 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

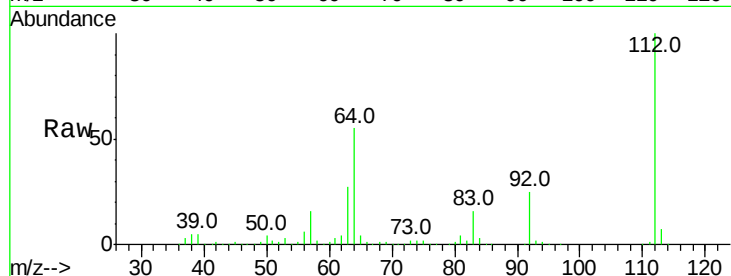
Tot Ion:112 Resp: 449478

Ion Ratio Lower Upper

112 100

64 55.1 47.9 71.9

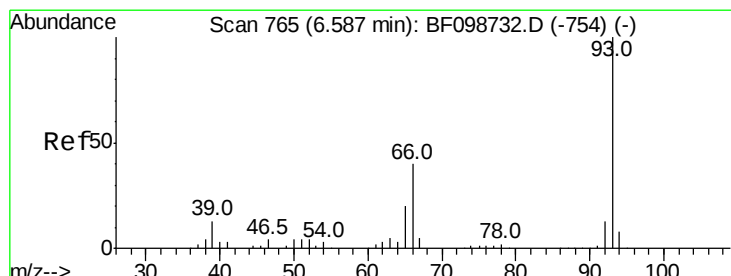
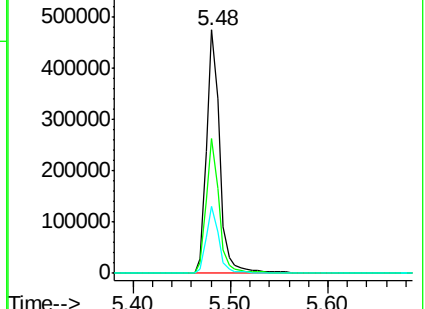
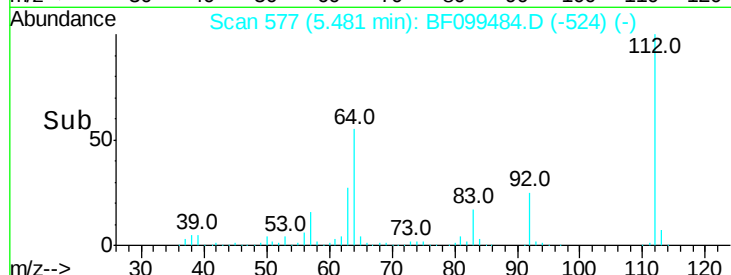
63 27.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.973 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

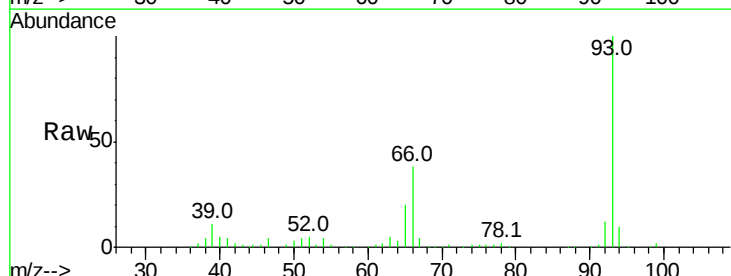
Tgt Ion: 93 Resp: 204574

Ion Ratio Lower Upper

93 100

66 37.9 32.2 48.2

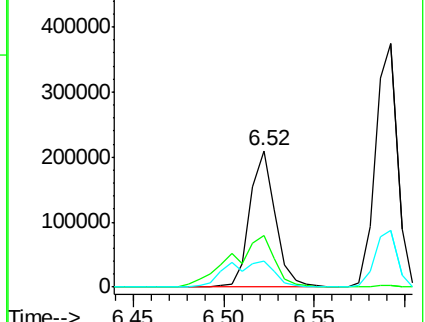
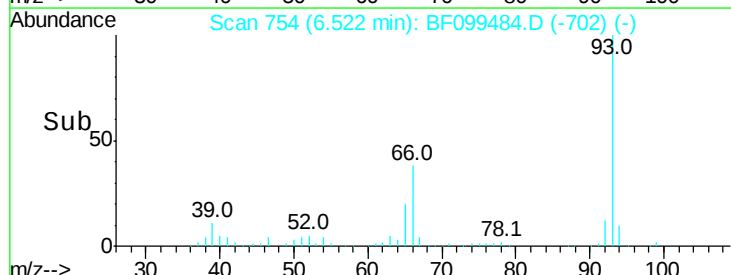
65 19.5 16.4 24.6

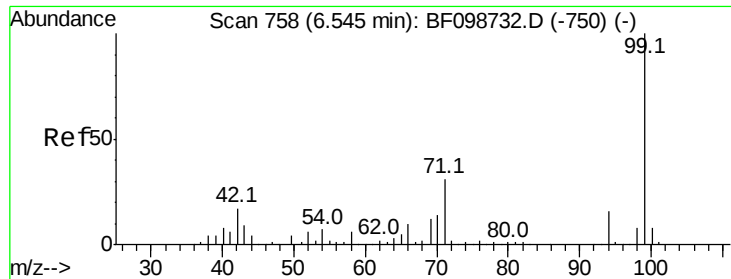


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 44.665 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

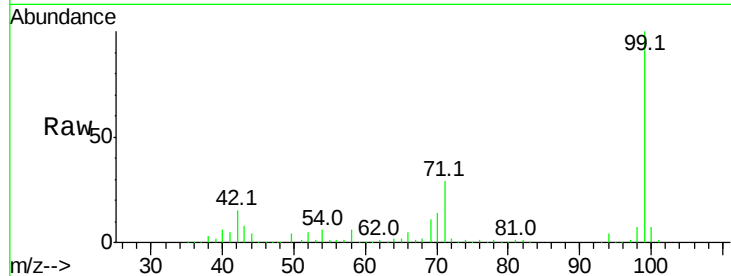
Tot Ion: 99 Resp: 338963

Ion Ratio Lower Upper

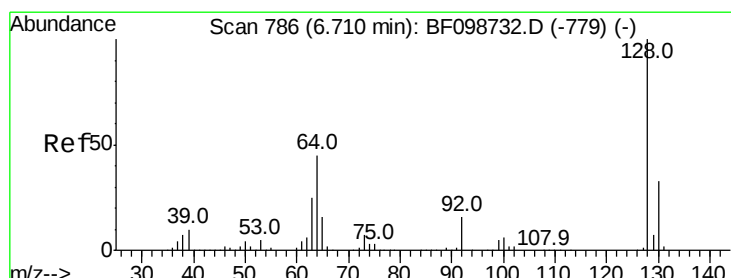
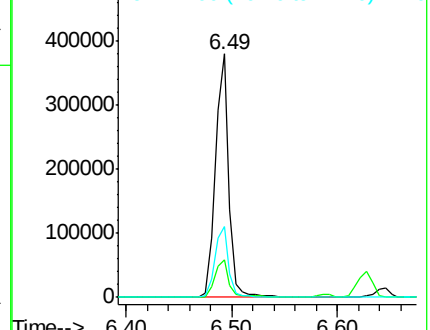
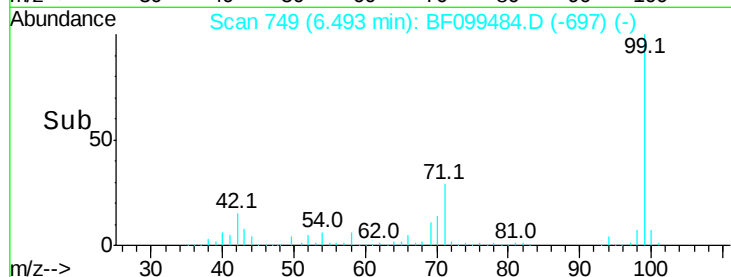
99 100

42 15.4 14.5 21.7

71 29.2 25.4 38.0



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



#8

2-Chlorophenol

Concen: 39.310 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

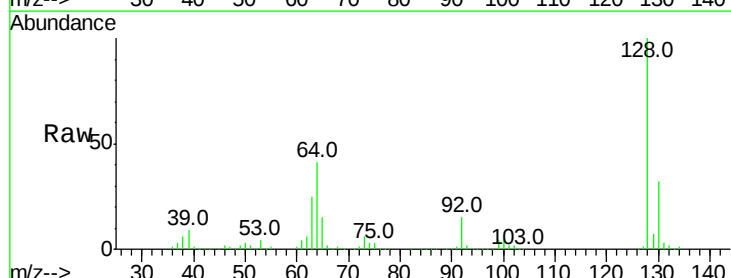
Tgt Ion: 128 Resp: 273860

Ion Ratio Lower Upper

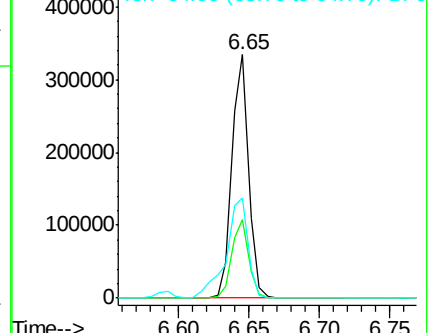
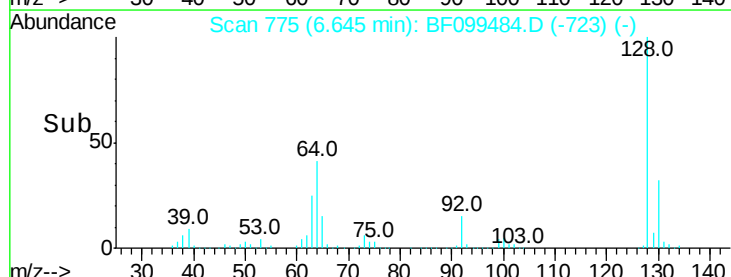
128 100

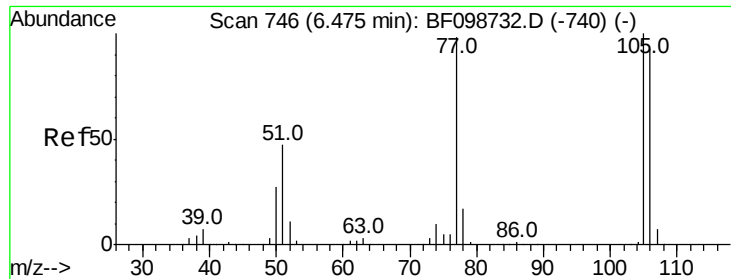
130 32.5 13.0 53.0

64 41.3 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: 28.073 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

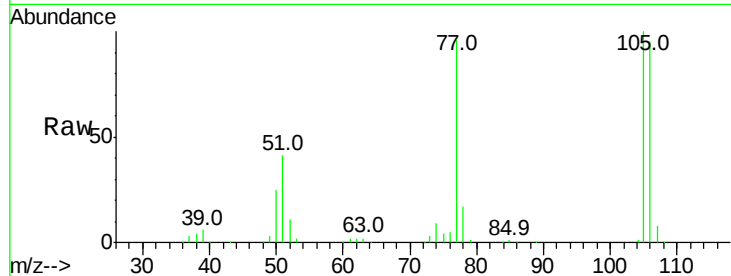
Tot Ion: 77 Resp: 123584

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

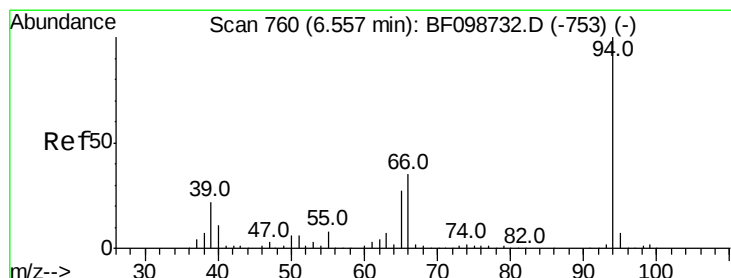
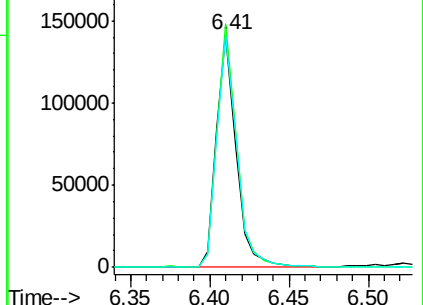
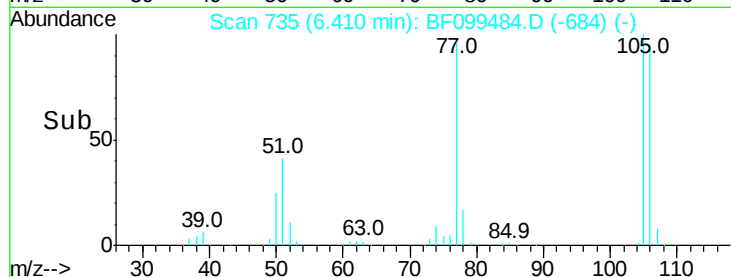
106 99.9 74.5 114.5



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: 17.029 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

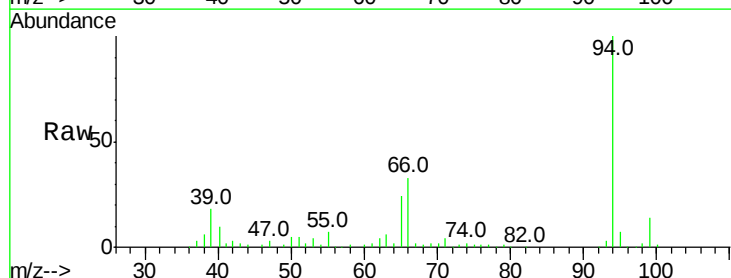
Tgt Ion: 94 Resp: 144534

Ion Ratio Lower Upper

94 100

65 24.5 7.9 47.9

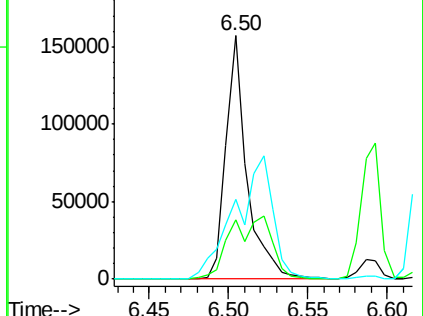
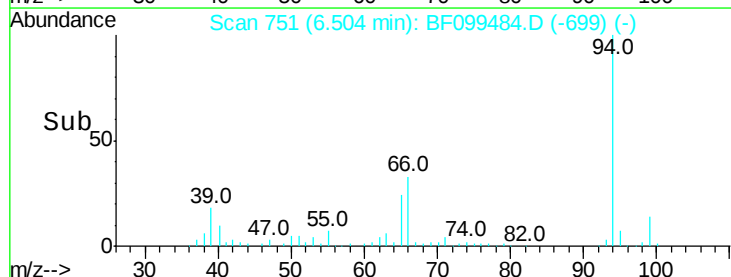
66 32.7 16.2 56.2

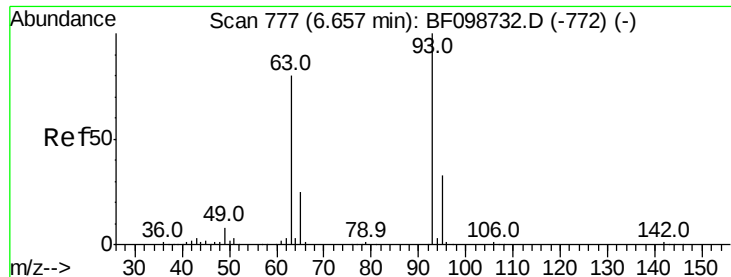


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

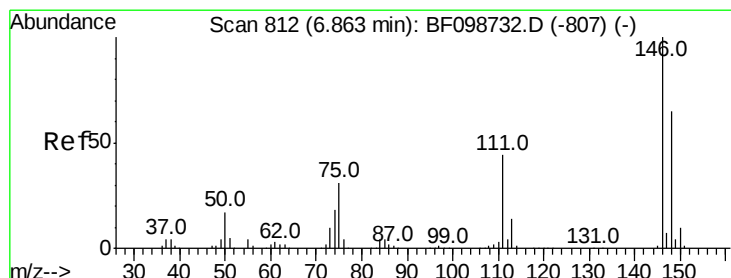
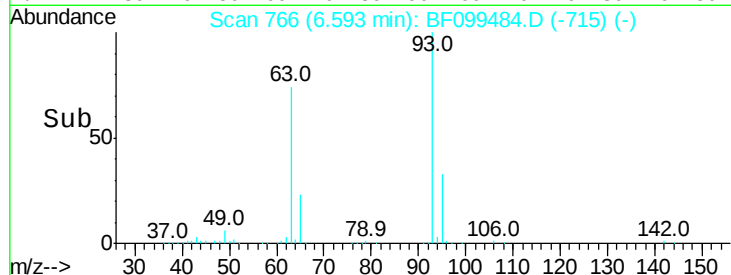
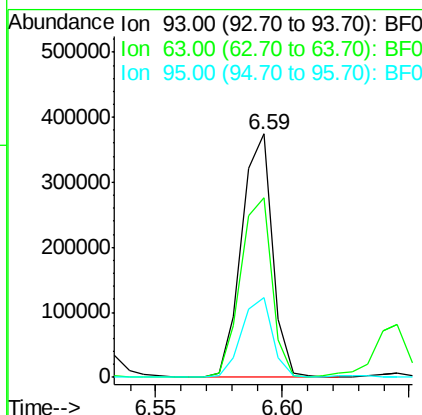
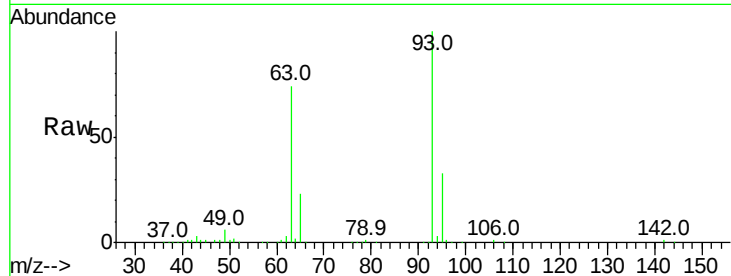




#11
 bis(2-Chloroethyl)ether
 Concen: 47.535 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

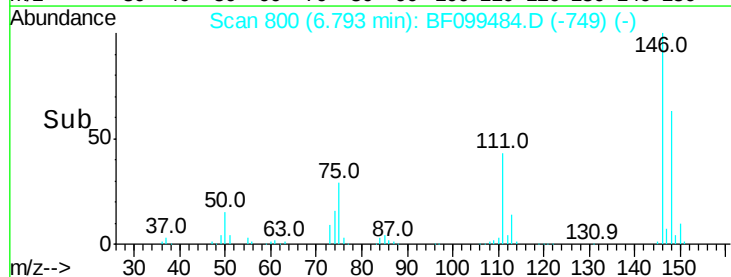
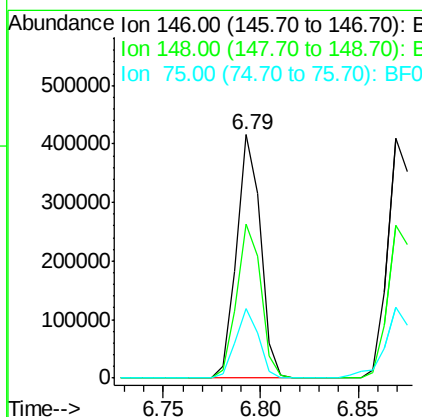
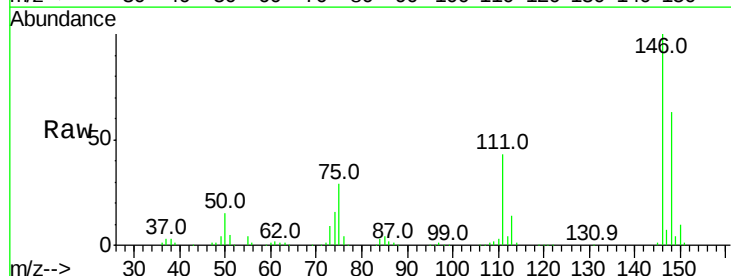
Instrument :
 BNA_F
 ClientSampleId :

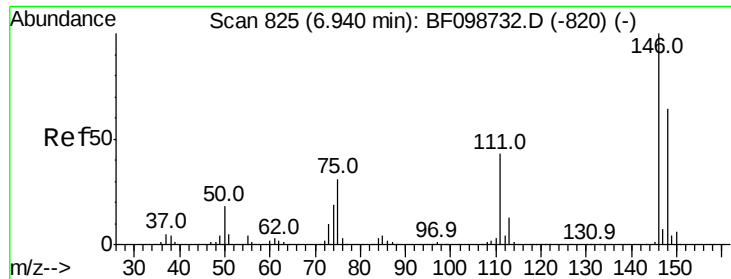
Tot Ion: 93 Resp: 313648
 Ion Ratio Lower Upper
 93 100
 63 73.9 58.6 98.6
 95 33.0 11.8 51.8



#12
 1,3-Dichlorobenzene
 Concen: 48.587 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion: 146 Resp: 354494
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.8 77.8
 75 28.7 24.2 36.4

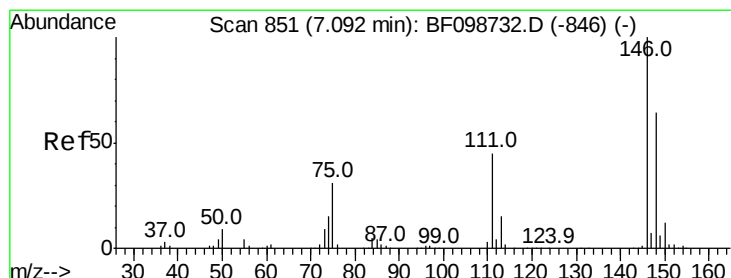
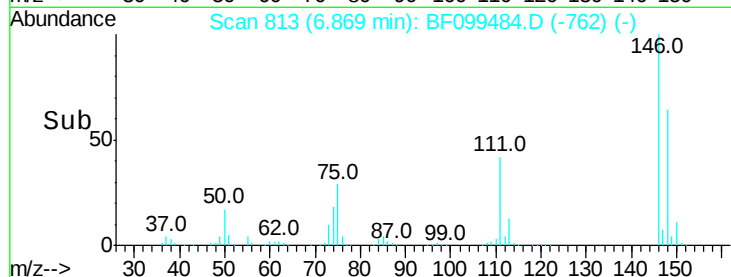
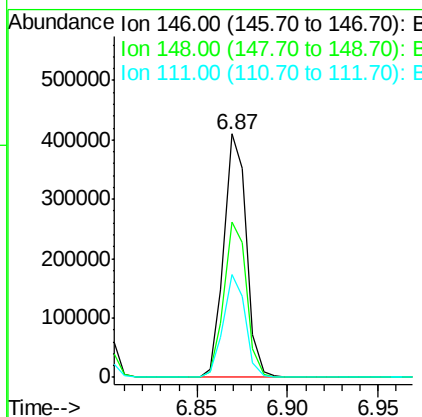
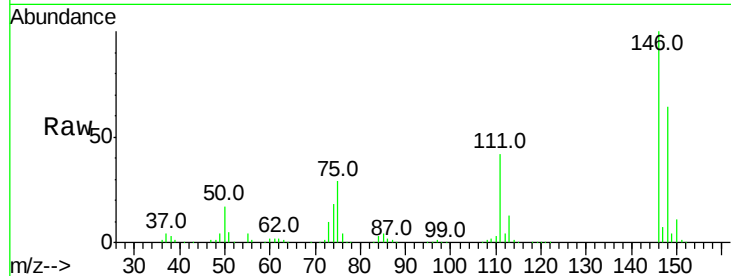




#13
 1,4-Dichlorobenzene
 Concen: 48.044 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

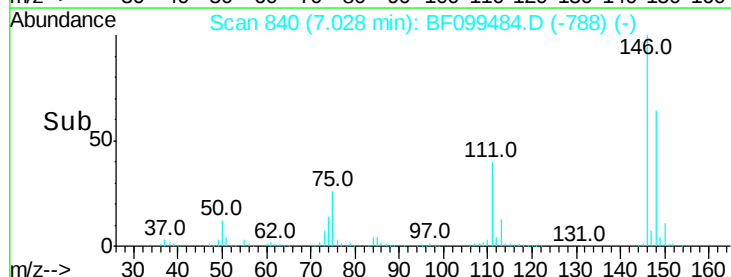
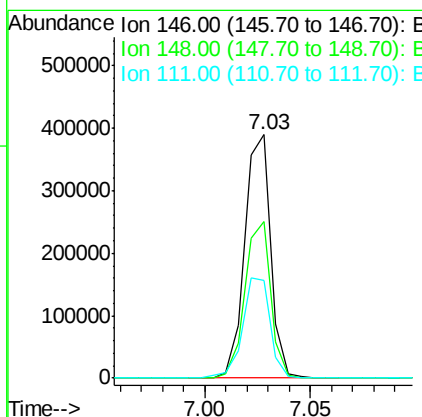
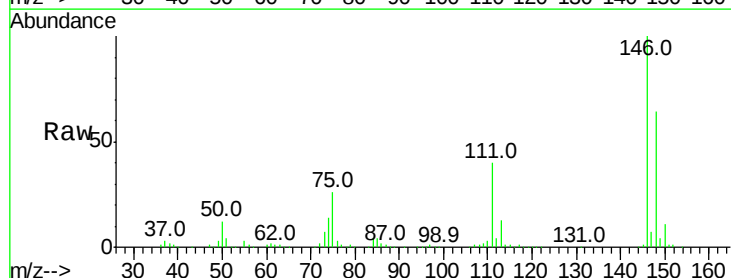
Instrument :
 BNA_F
 ClientSampleId :

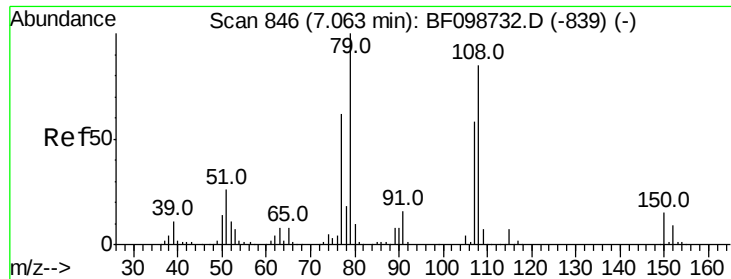
Tot Ion:146 Resp: 356649
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 42.5 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 48.346 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:146 Resp: 331612
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 40.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 28.800 ng

RT: 7.00 min Scan# 835

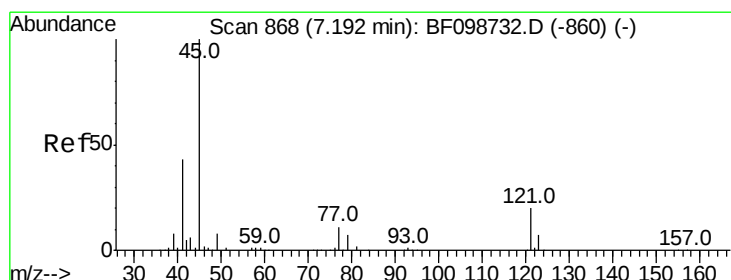
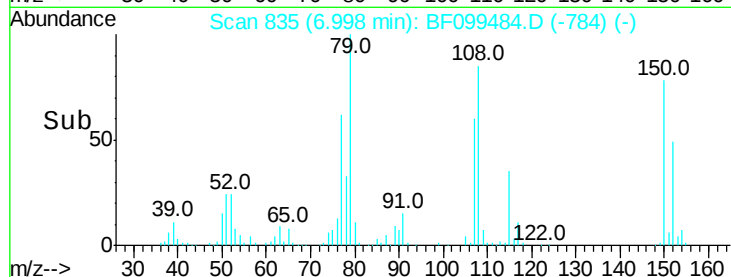
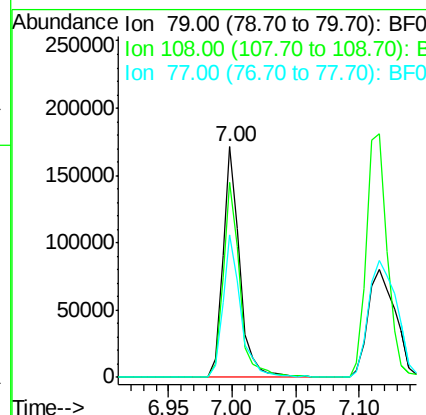
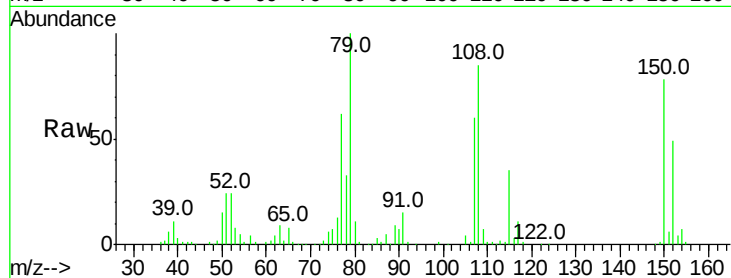
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:	79	Resp:	160343
Ion	Ratio	Lower	Upper
79	100		
108	84.9	65.1	97.7
77	61.9	50.6	75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.156 ng

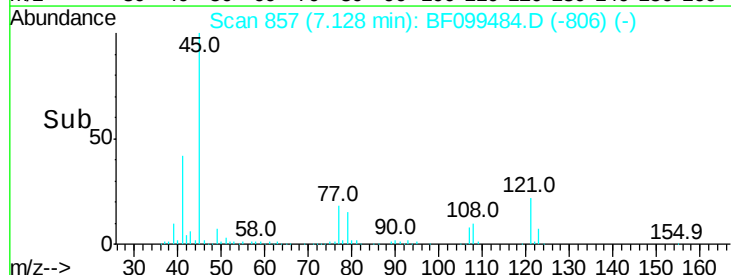
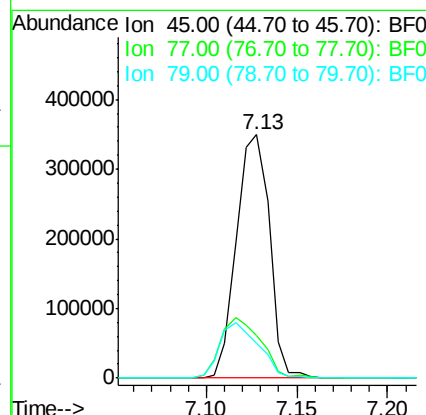
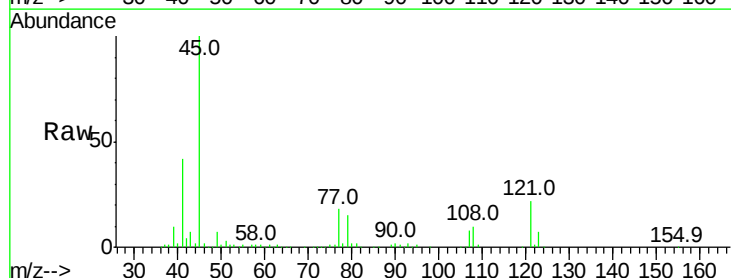
RT: 7.13 min Scan# 857

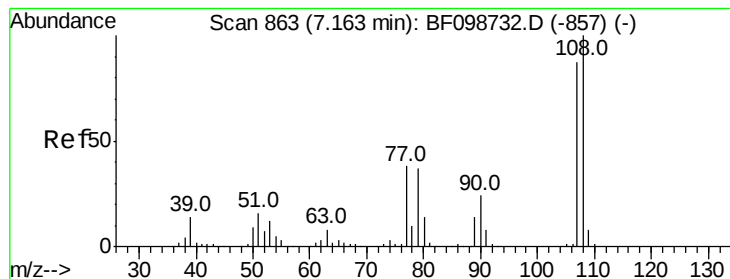
Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:	45	Resp:	443642
Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	32.9
79	14.5	0.0	29.6





#17

2-Methylphenol

Concen: 32.132 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 183164

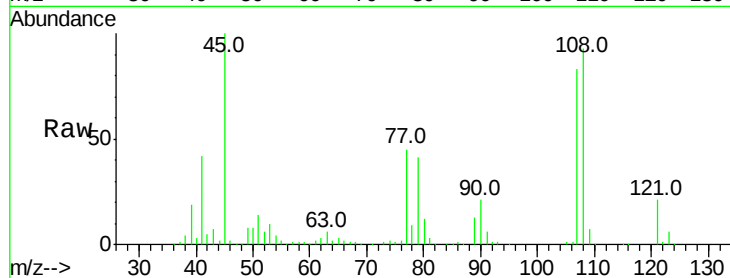
Ion Ratio Lower Upper

107 100

108 111.1 91.7 137.5

77 53.6 33.8 50.8#

79 49.3 33.8 50.8

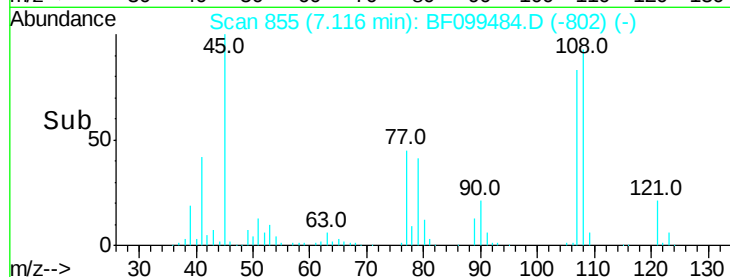


Abundance Ion 107.00 (106.70 to 107.70): E

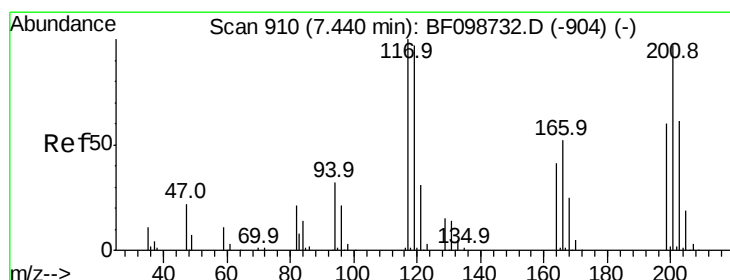
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 46.216 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

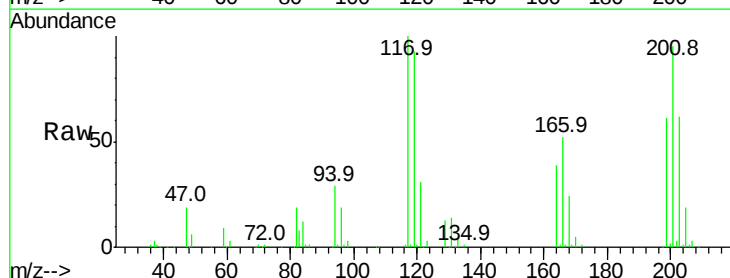
Tgt Ion:117 Resp: 123315

Ion Ratio Lower Upper

117 100

119 93.4 75.8 113.8

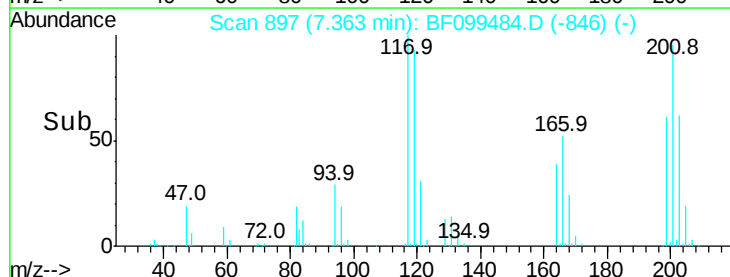
201 94.5 75.7 113.5



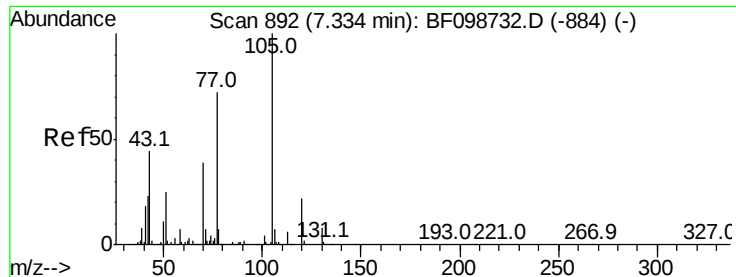
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



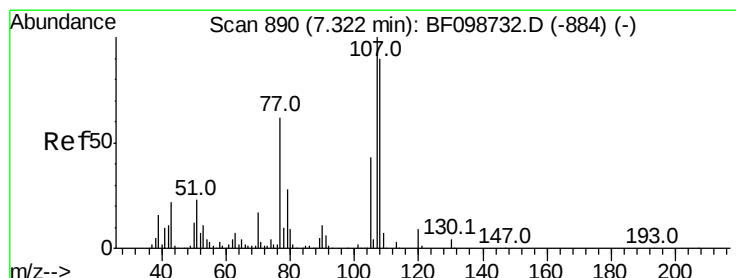
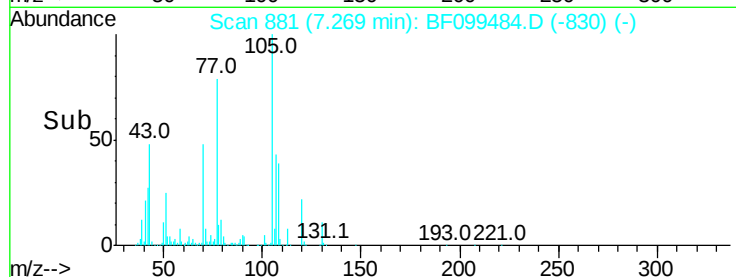
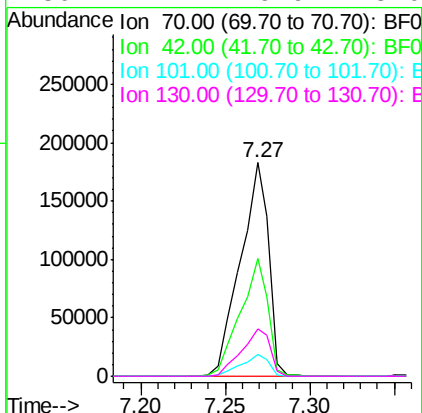
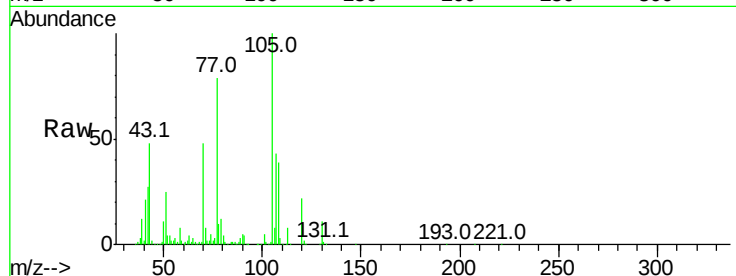
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 44.140 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

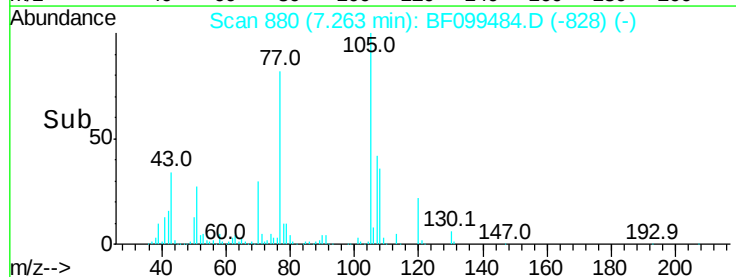
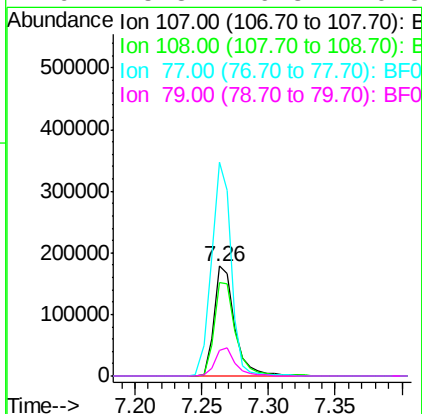
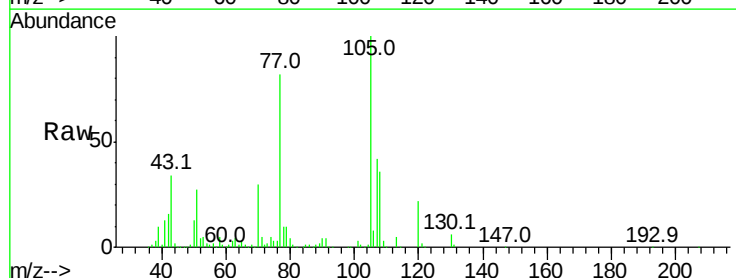
Instrument :
BNA_F
ClientSampled :

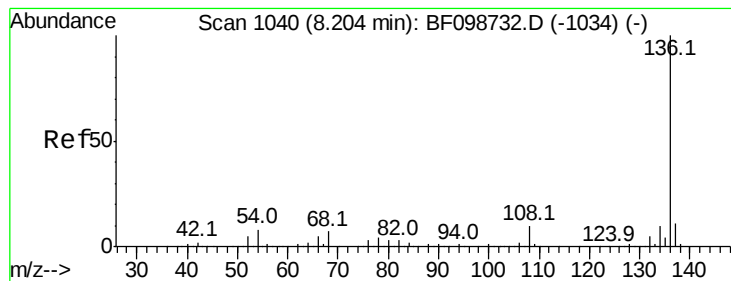
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.5	71.3
101	10.5	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 27.183 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	68.2	108.2
77	194.3	26.7	66.7#
79	23.8	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: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402319

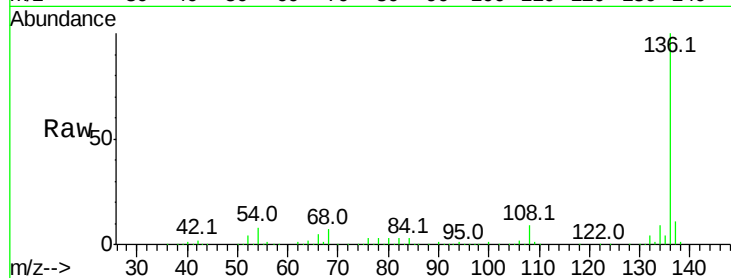
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.7 6.6 9.8

68 6.5 5.0 7.4

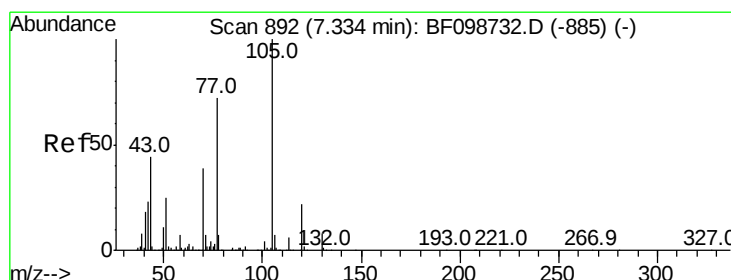
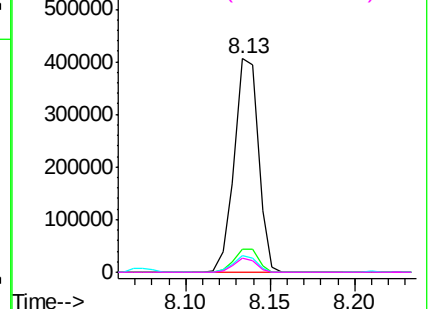
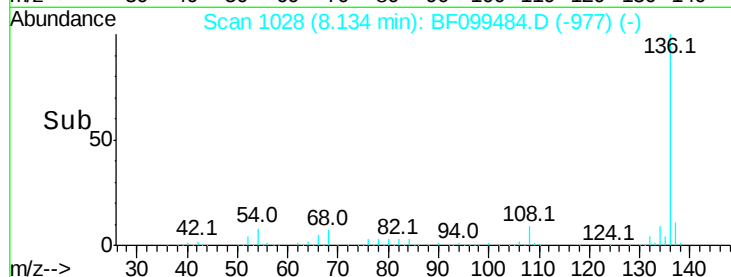


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.656 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Tgt Ion:105 Resp: 435288

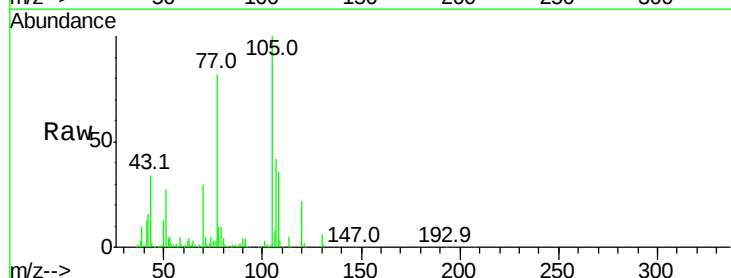
Ion Ratio Lower Upper

105 100

71 4.9 4.4 6.6

51 27.2 22.3 33.5

120 22.1 16.9 25.3

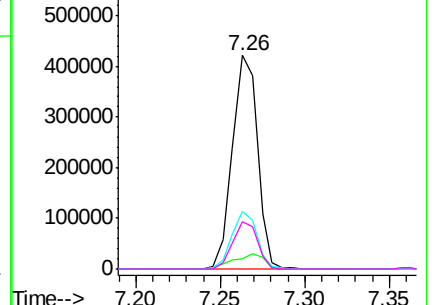
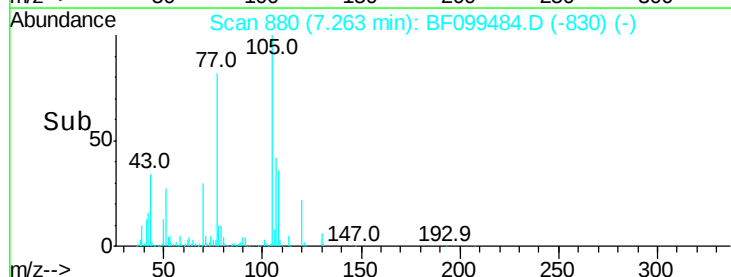


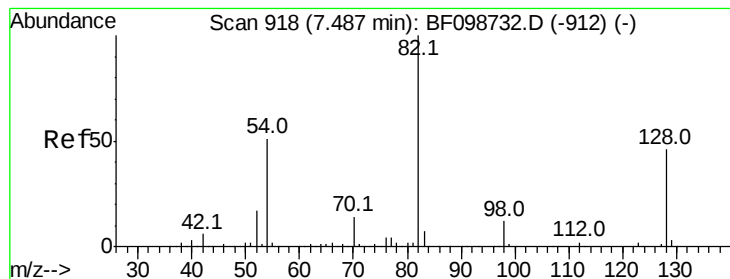
Abundance Ion 105.00 (104.70 to 105.70): E

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: 105.092 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

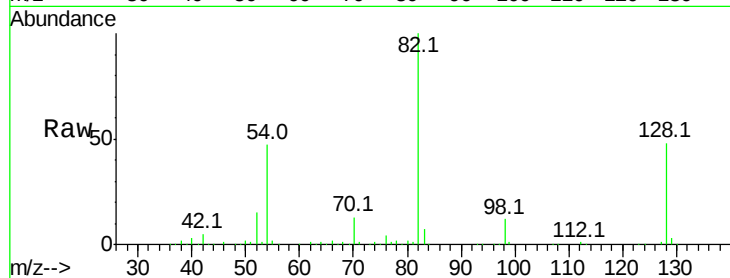
Tot Ion: 82 Resp: 659290

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

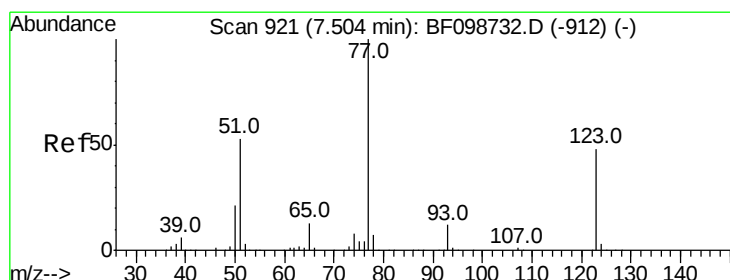
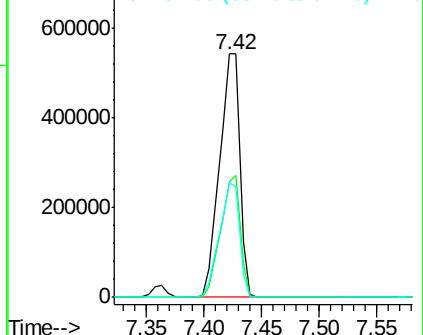
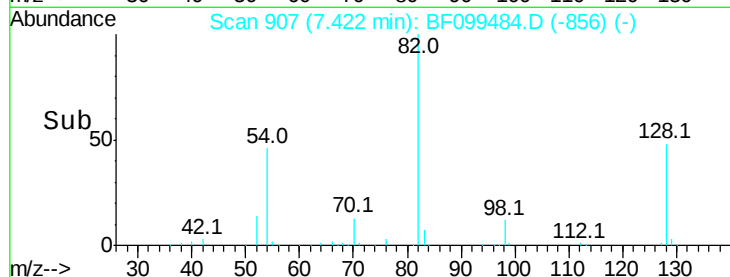
54 46.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.195 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

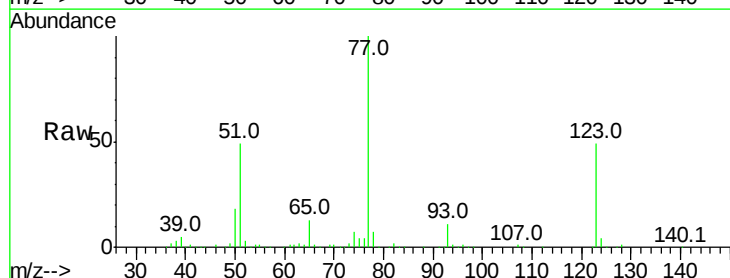
Tgt Ion: 77 Resp: 335860

Ion Ratio Lower Upper

77 100

123 48.7 37.9 56.9

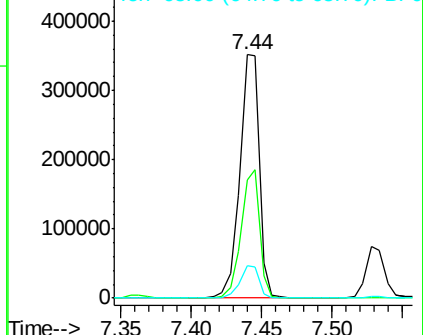
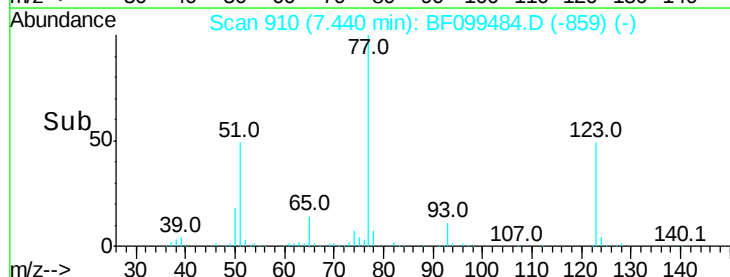
65 13.3 11.0 16.4

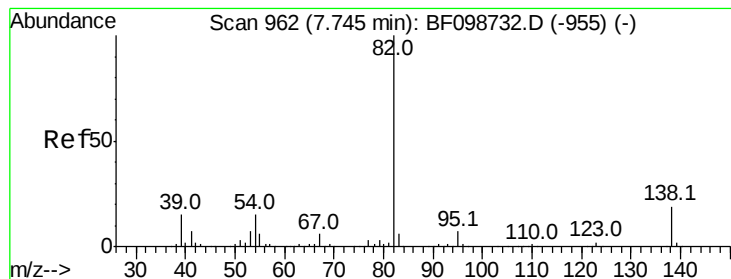


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.190 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

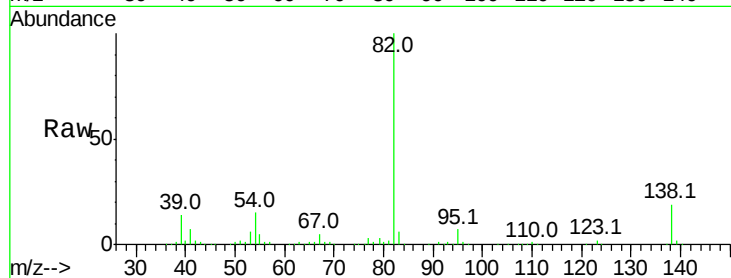
Tot Ion: 82 Resp: 612073

Ion Ratio Lower Upper

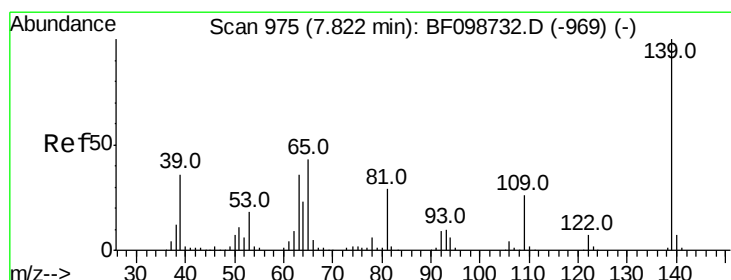
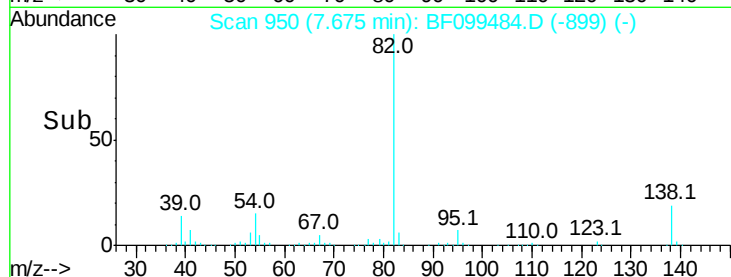
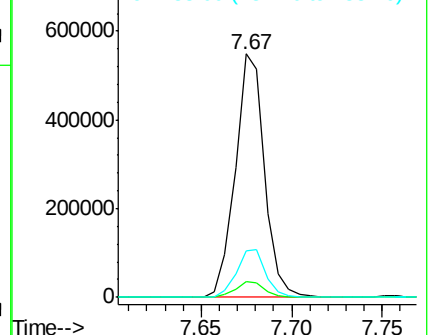
82 100

95 6.5 5.2 7.8

138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.538 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

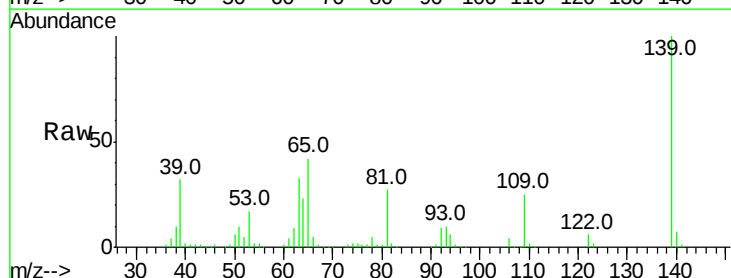
Tgt Ion: 139 Resp: 179791

Ion Ratio Lower Upper

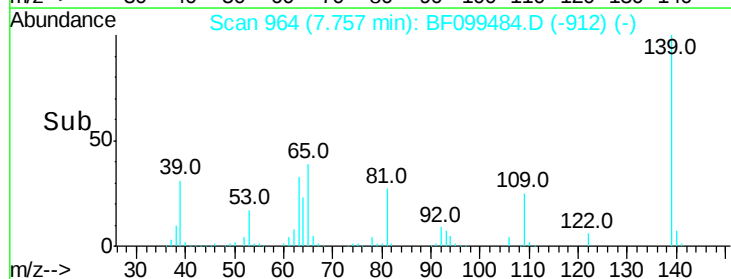
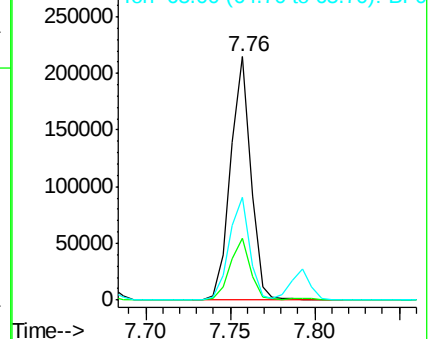
139 100

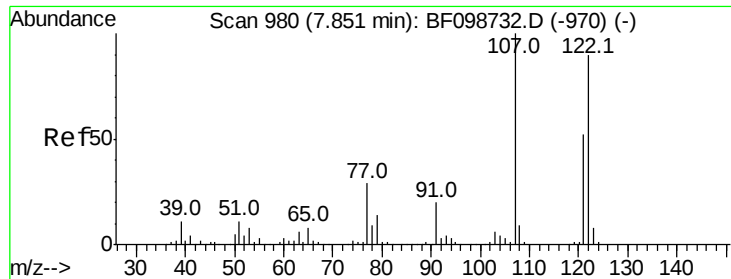
109 25.3 22.7 34.1

65 42.3 40.5 60.7



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

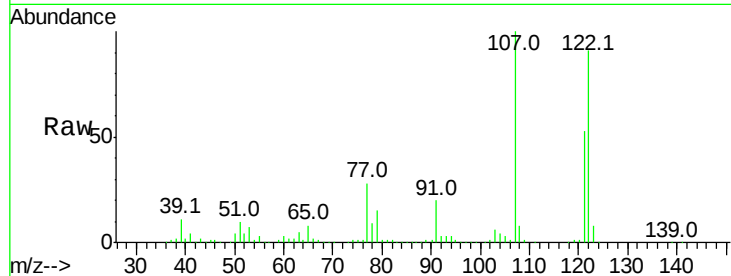




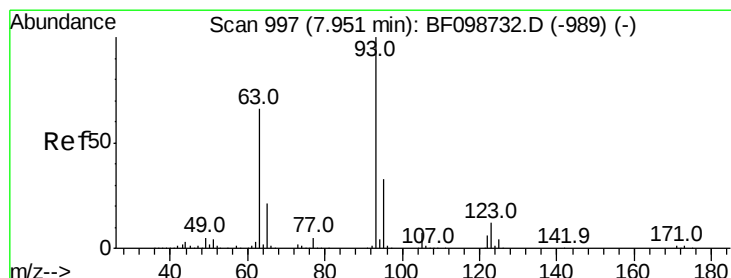
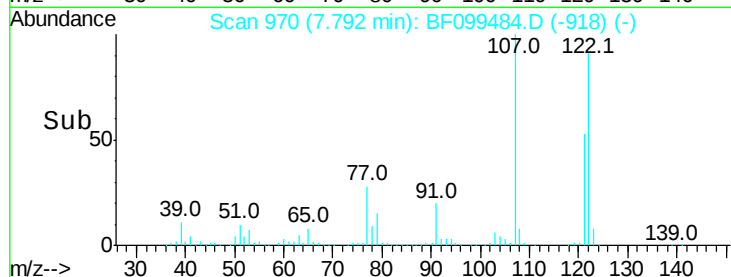
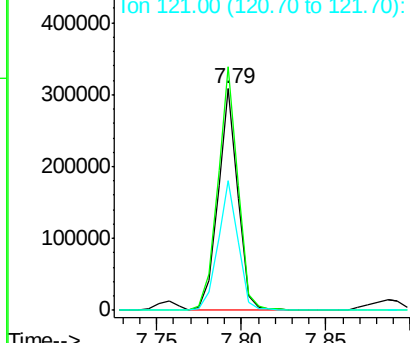
#27
 2,4-Dimethylphenol
 Concen: 39.052 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 252382
 Ion Ratio Lower Upper
 122 100
 107 109.8 91.2 136.8
 121 58.7 47.2 70.8

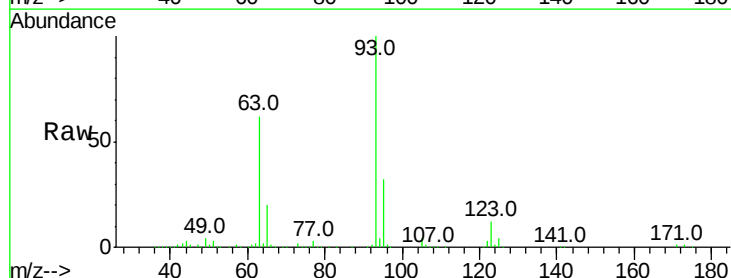


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

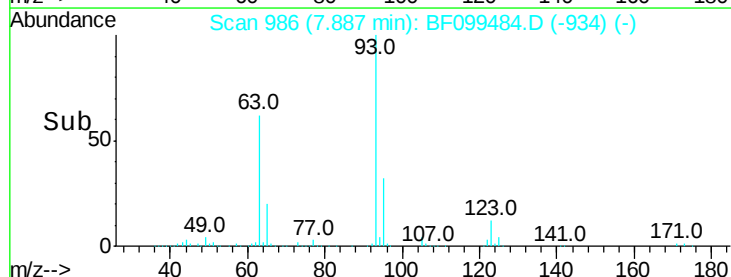
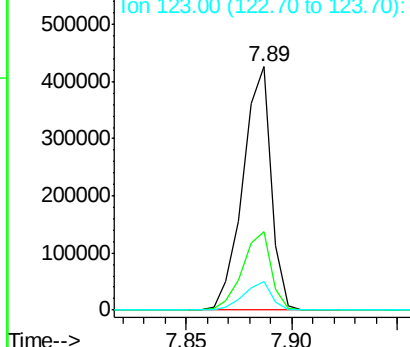


#28
 bis(2-Chloroethoxy)methane
 Concen: 49.032 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion: 93 Resp: 396324
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.8 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

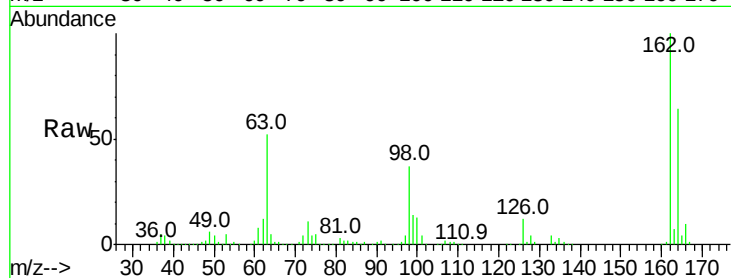




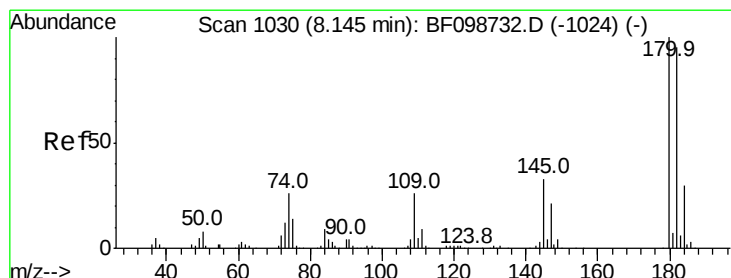
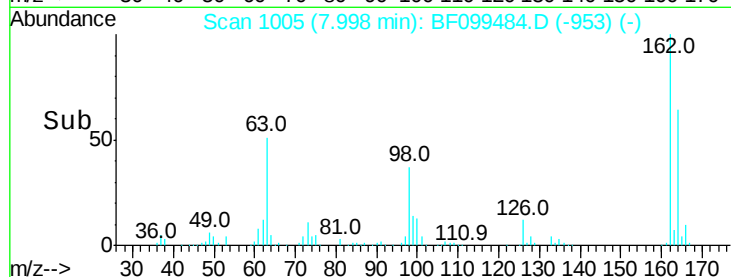
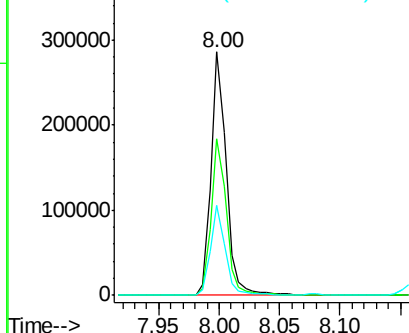
#29
 2,4-Dichlorophenol
 Concen: 45.003 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	42.7	82.7
98	36.9	18.1	58.1

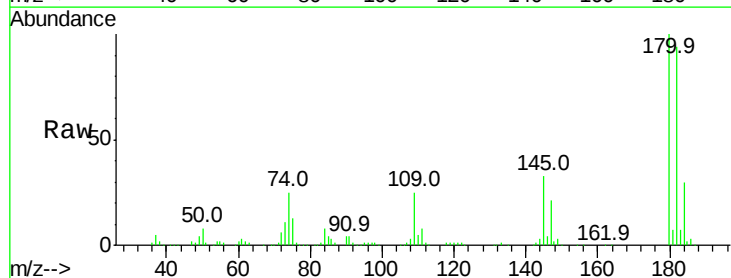


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

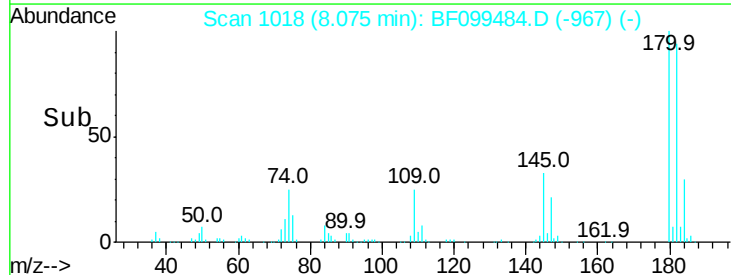
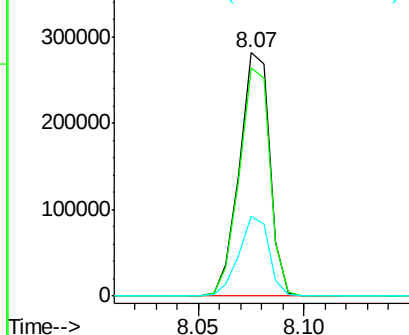


#30
 1,2,4-Trichlorobenzene
 Concen: 50.606 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	76.8	115.2
145	32.8	26.5	39.7



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





#31

Naphthalene

Concen: 49.143 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

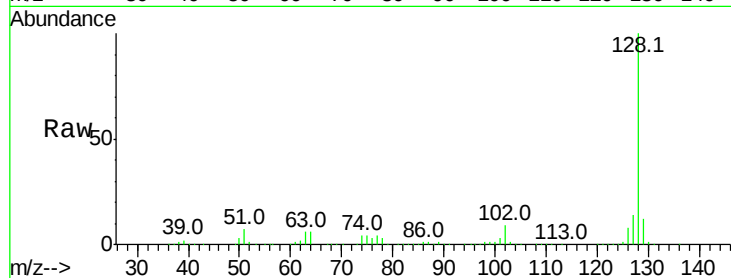
Tot Ion:128 Resp: 928575

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

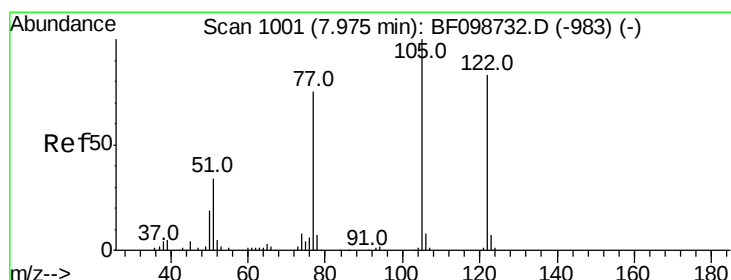
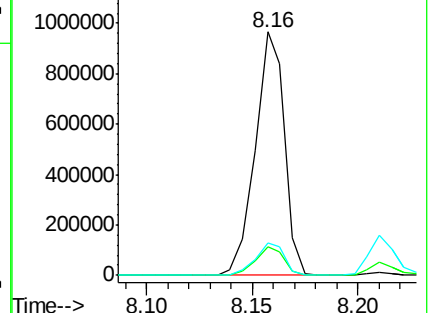
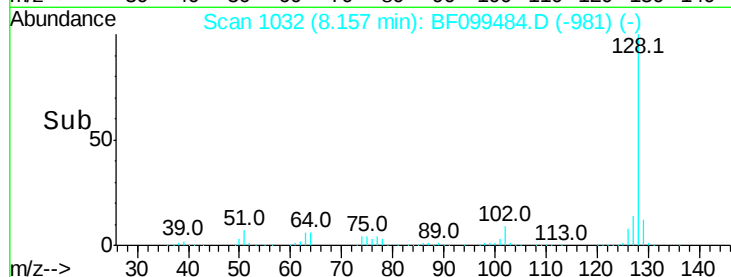
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.377 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.03 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

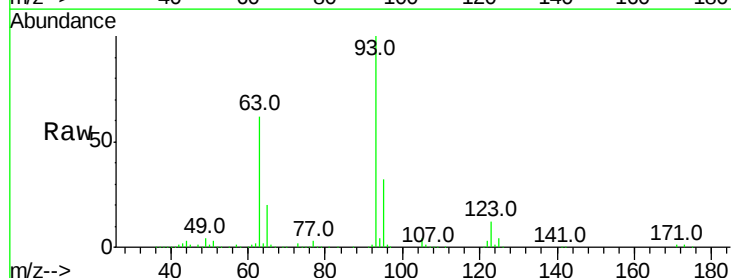
Tgt Ion:122 Resp: 23236

Ion Ratio Lower Upper

122 100

105 114.8 101.1 141.1

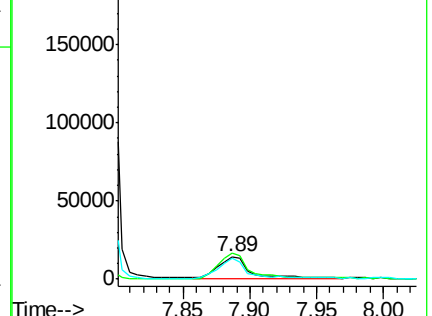
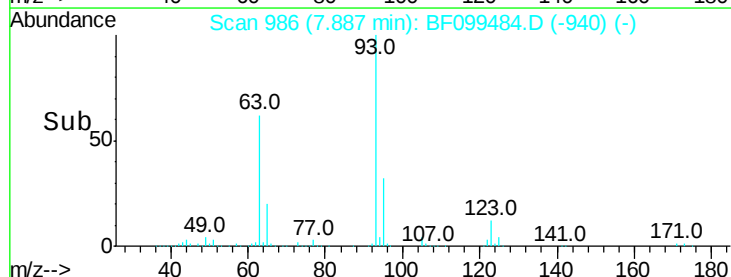
77 91.1 70.7 110.7

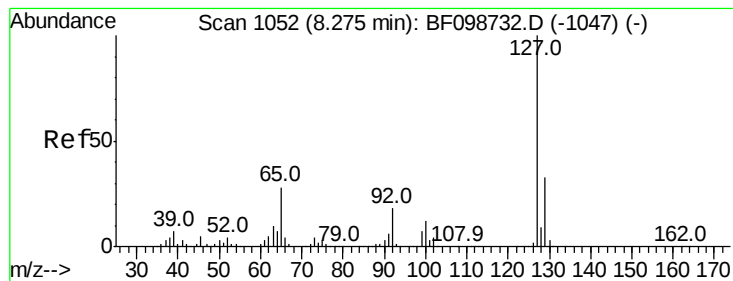


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 18.465 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 145703

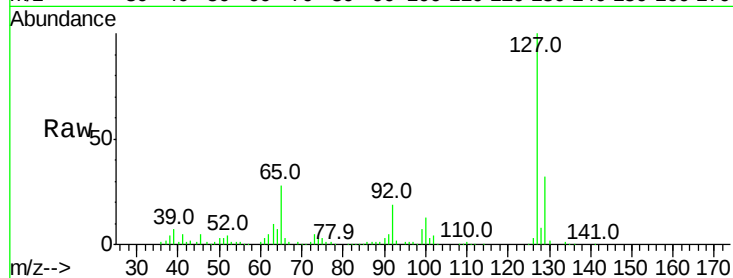
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 27.6 25.0 37.4

92 18.8 15.2 22.8

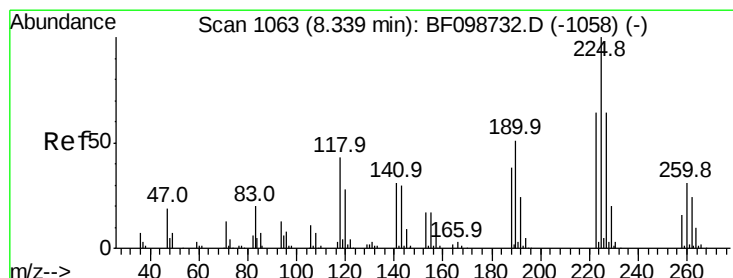
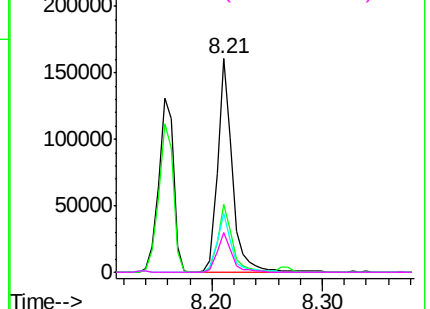
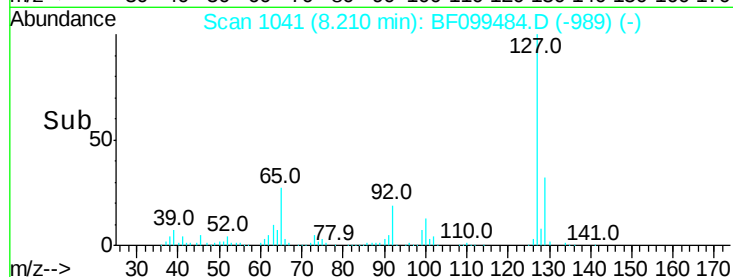


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 47.625 ng

RT: 8.27 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

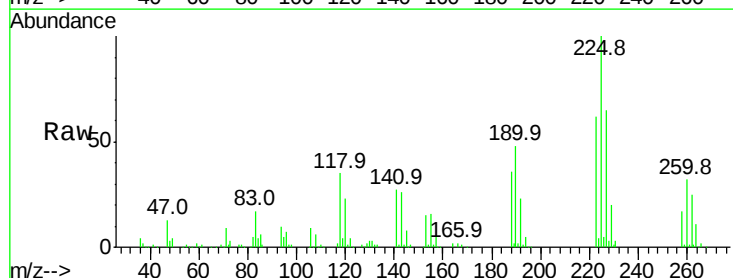
Tgt Ion:225 Resp: 136134

Ion Ratio Lower Upper

225 100

223 62.3 50.6 76.0

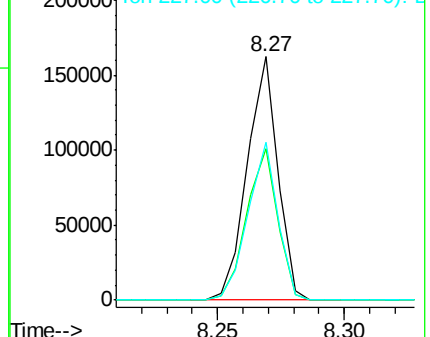
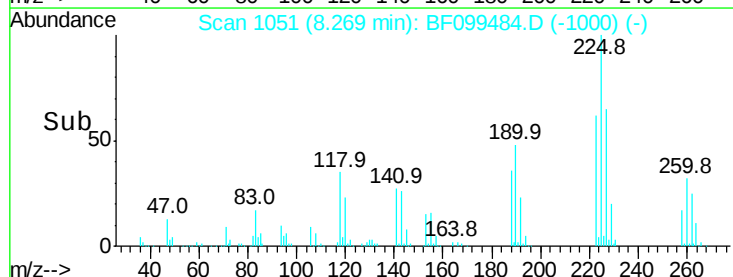
227 64.6 51.9 77.9

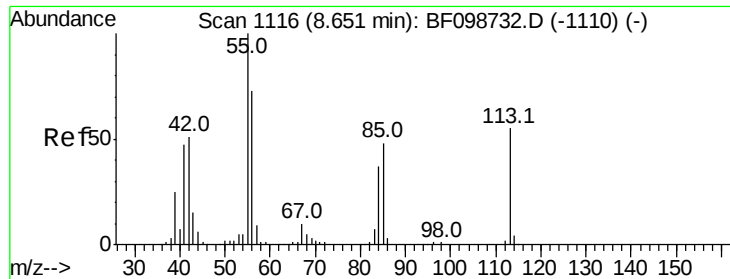


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

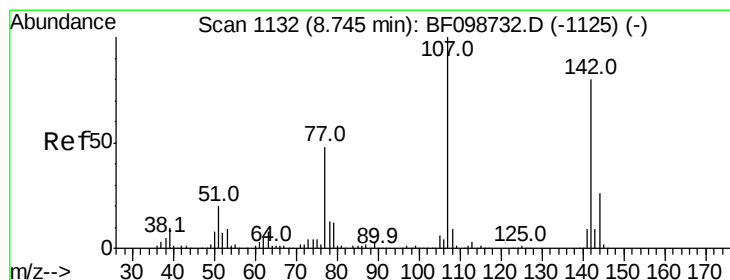
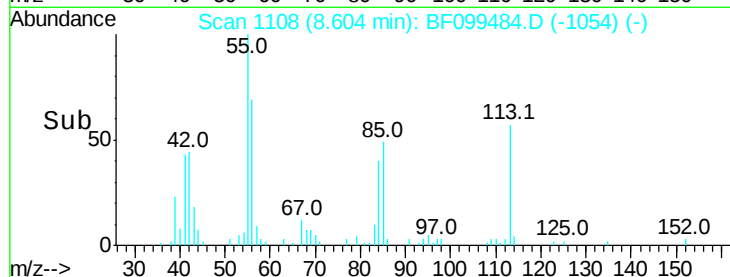
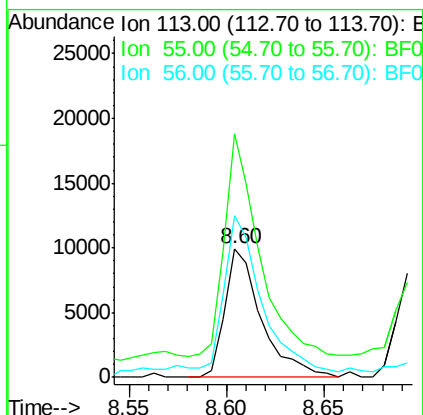
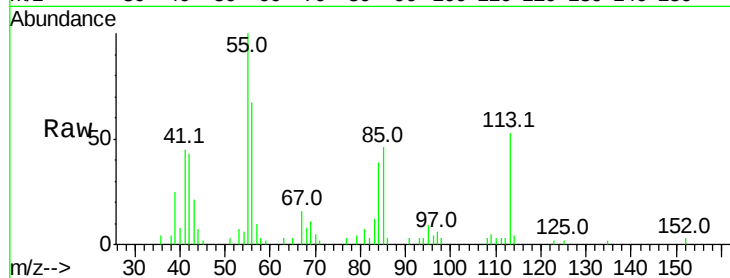




#35
 Caprolactam
 Concen: 7.258 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.02 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

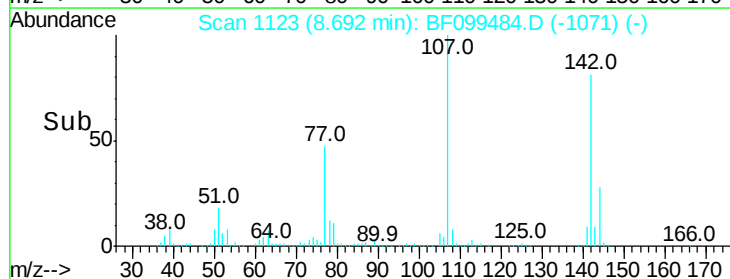
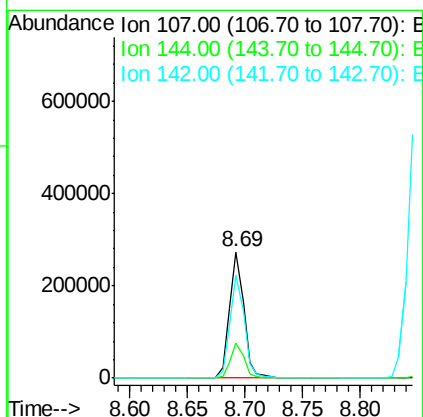
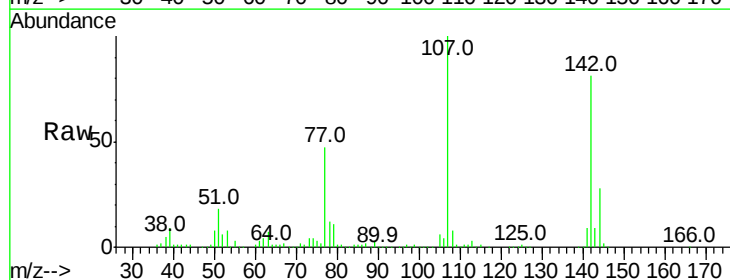
Instrument :
 BNA_F
 ClientSampled :

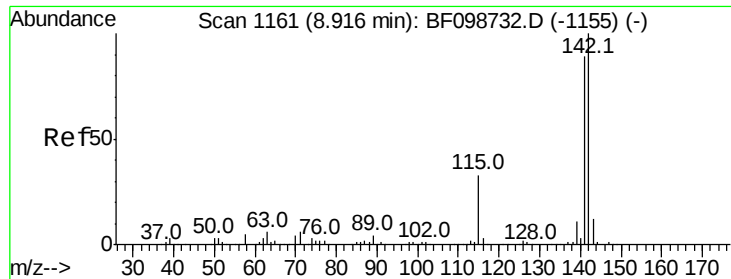
Tot Ion:113 Resp: 12918
 Ion Ratio Lower Upper
 113 100
 55 188.9 163.3 203.3
 56 125.9 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.159 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:107 Resp: 237987
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.5 30.7
 142 81.4 62.0 93.0

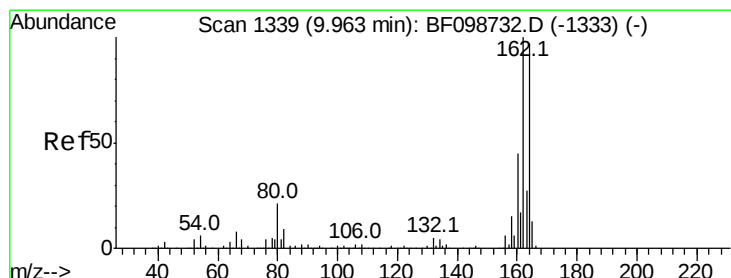
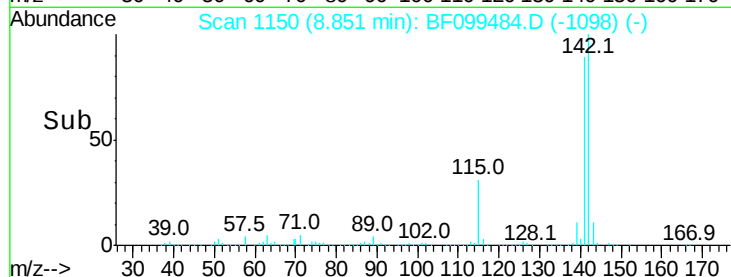
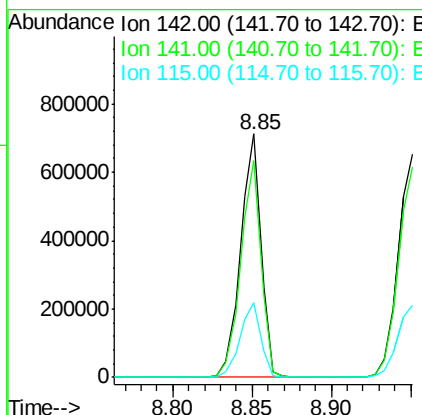
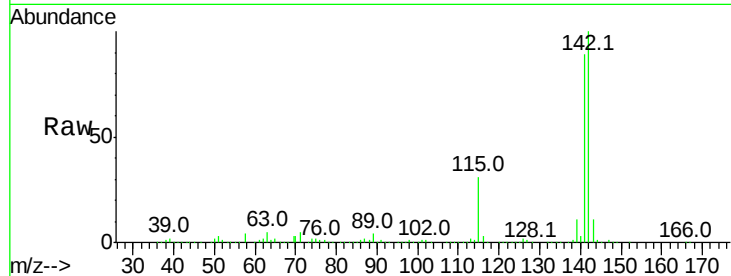




#37
 2-Methylnaphthalene
 Concen: 51.447 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

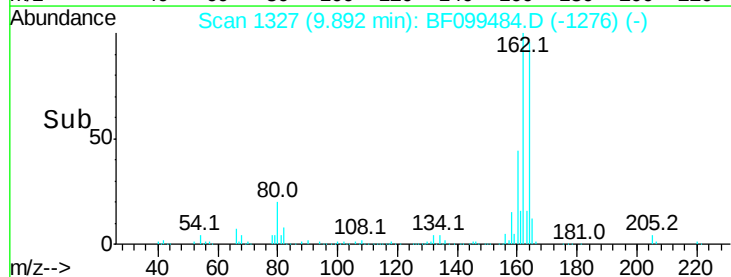
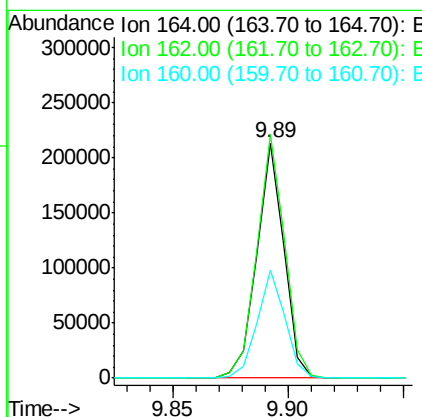
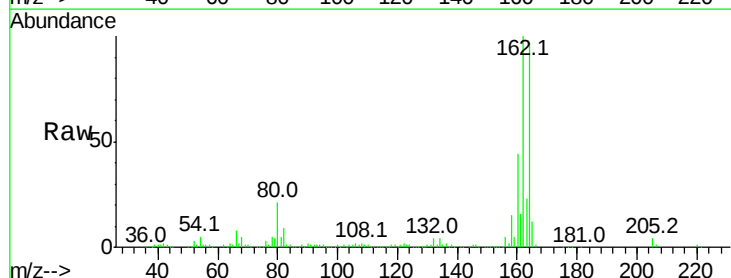
Instrument :
 BNA_F
 ClientSampleId :

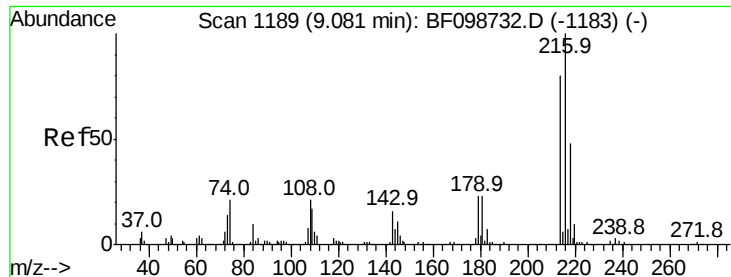
Tot Ion:142 Resp: 631949
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.8 106.2
 115 30.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:164 Resp: 175586
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 45.9 38.3 57.5

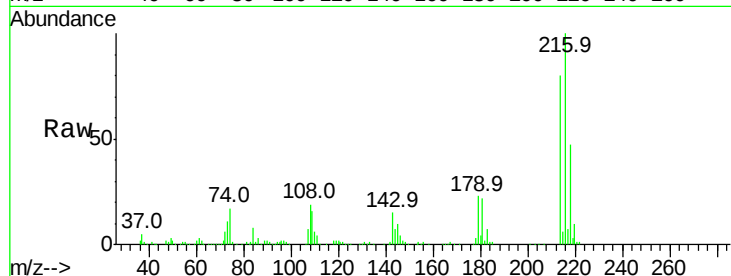




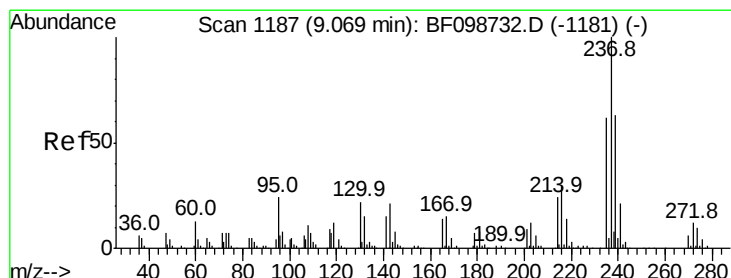
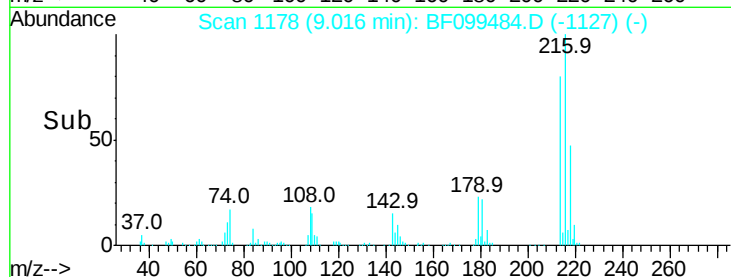
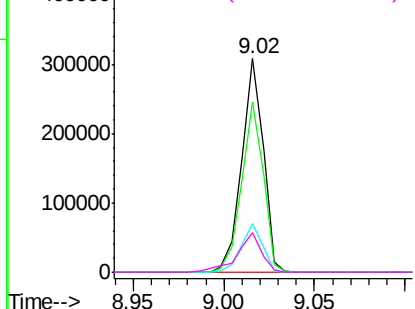
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.394 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	253415
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.0	94.4
179	22.7	18.1	27.1
108	20.4	17.2	25.8

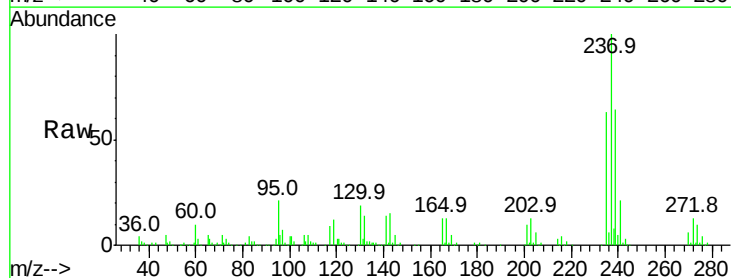


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

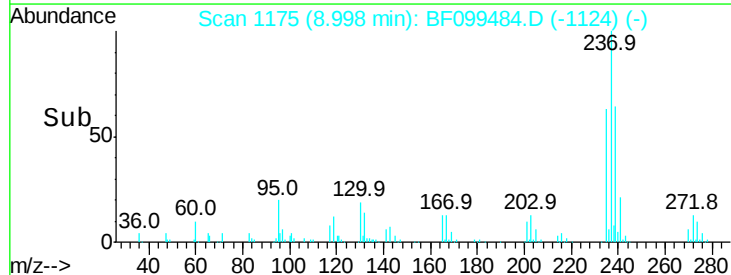
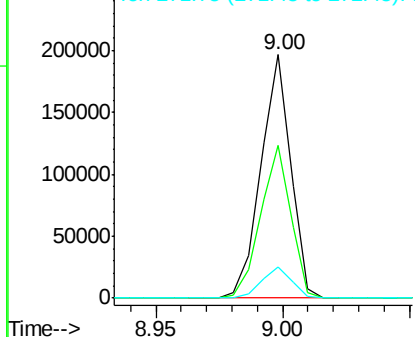


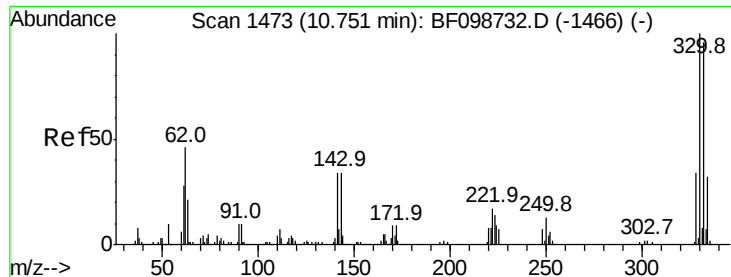
#40
 Hexachlorocyclopentadiene
 Concen: 67.642 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:	237	Resp:	161872
Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.0	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

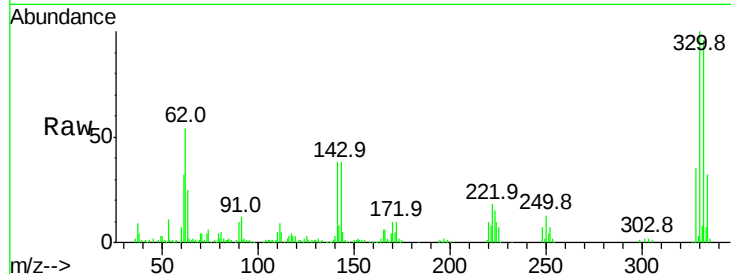




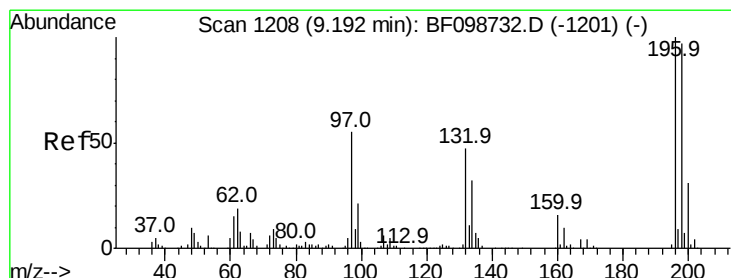
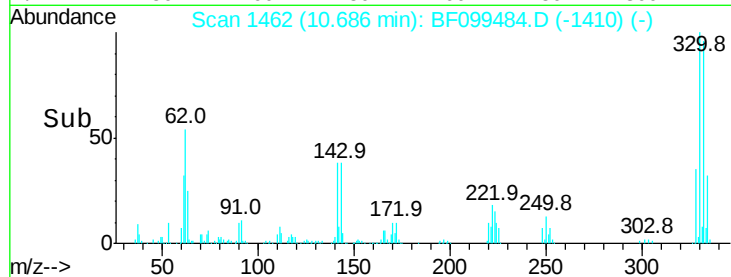
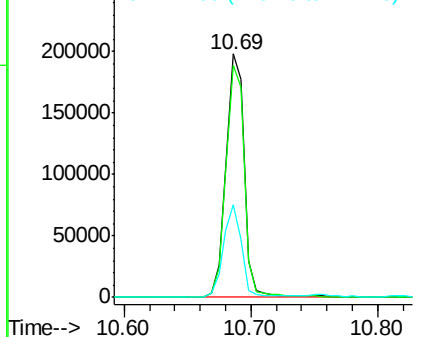
#41
 2,4,6-Tribromophenol
 Concen: 137.980 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 198246
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 37.4 29.9 44.9

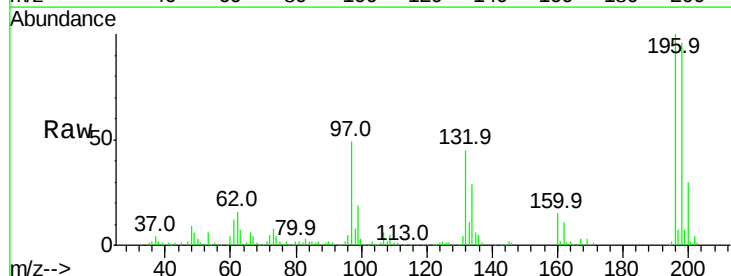


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

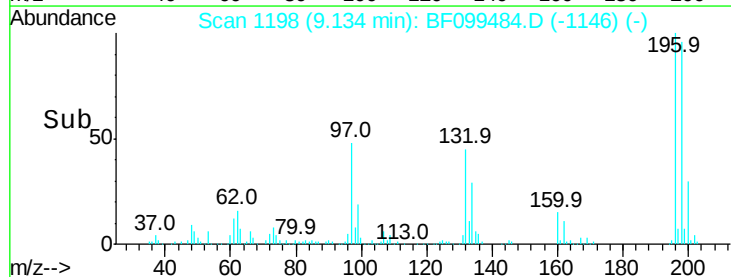
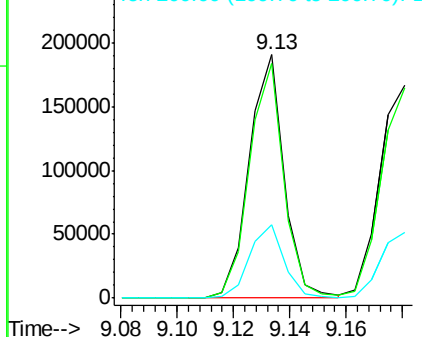


#42
 2,4,6-Trichlorophenol
 Concen: 43.979 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:196 Resp: 163149
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.2 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

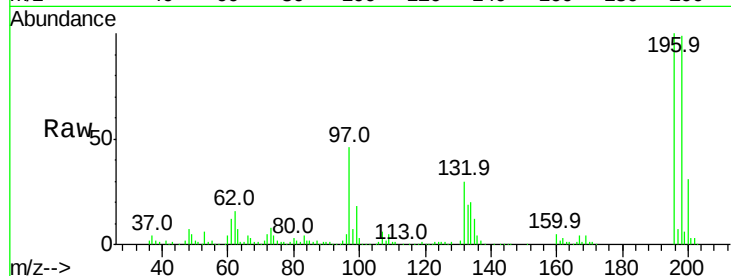




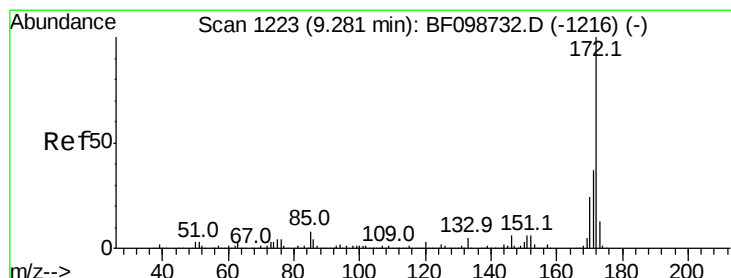
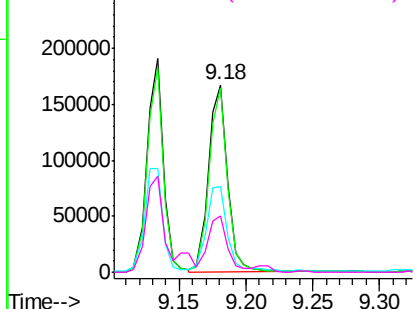
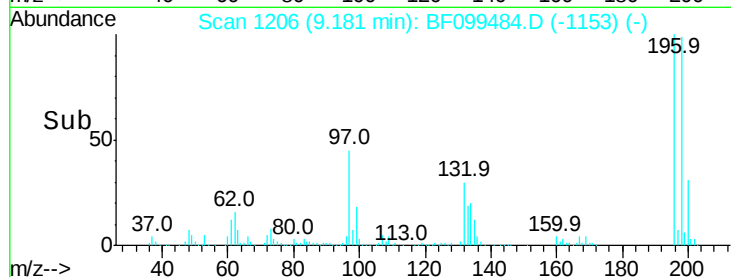
#43
 2,4,5-Trichlorophenol
 Concen: 45.392 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 168096
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.6 112.0
 97 45.8 42.9 64.3
 132 30.1 26.3 39.5

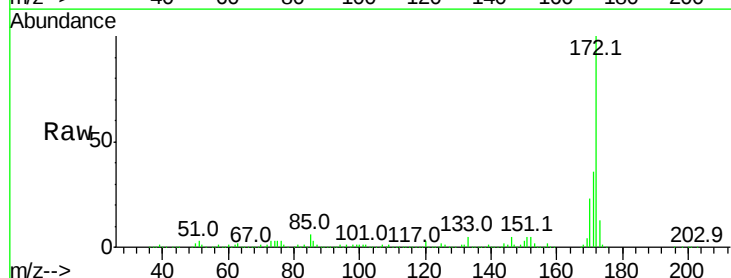


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

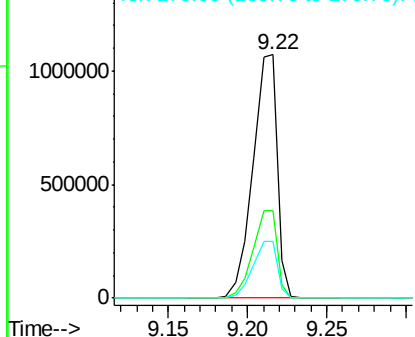
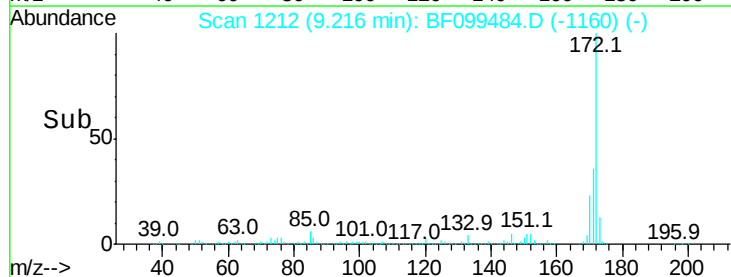


#44
 2-Fluorobiphenyl
 Concen: 108.998 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:172 Resp: 1146424
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 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

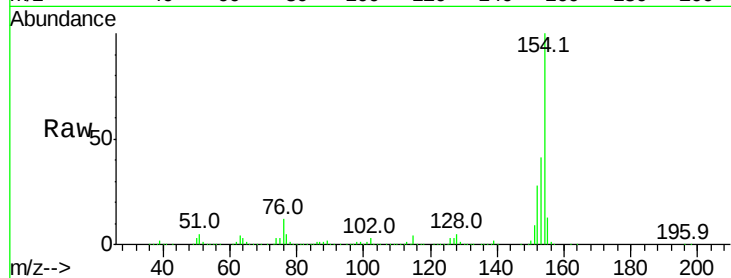




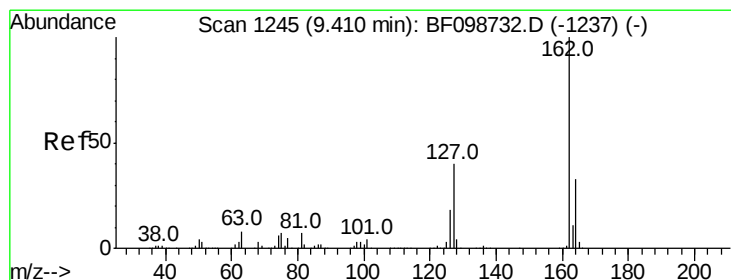
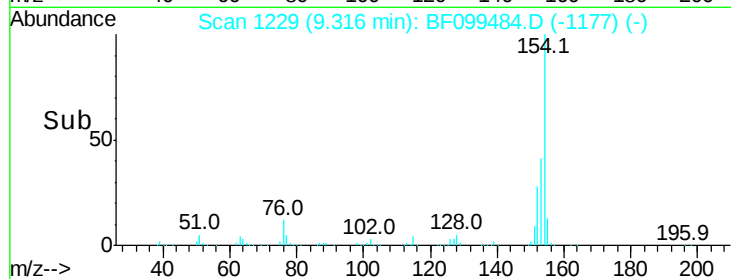
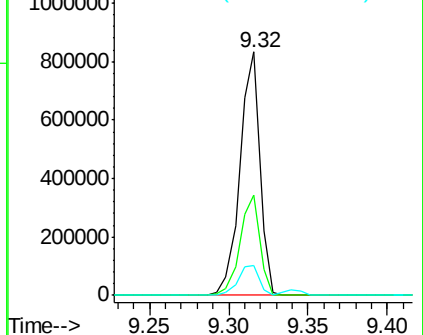
#45
 1,1'-Biphenyl
 Concen: 48.135 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 726383
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.3 61.3
 76 12.1 0.0 34.0

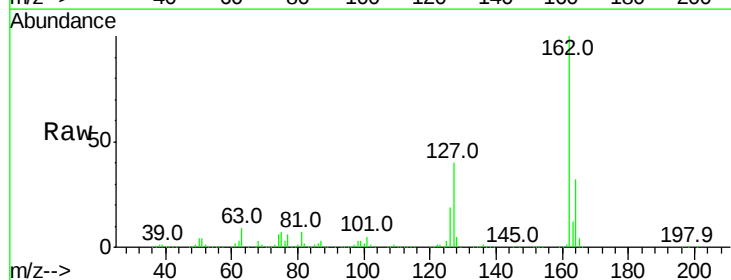


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

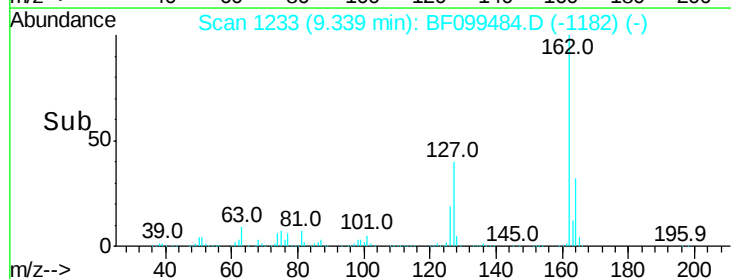
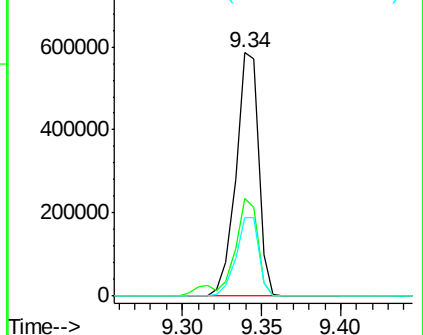


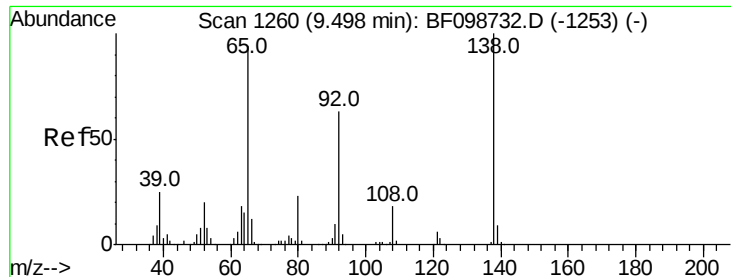
#46
 2-Chloronaphthalene
 Concen: 51.145 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:162 Resp: 579493
 Ion Ratio Lower Upper
 162 100
 127 40.3 33.9 50.9
 164 32.4 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: 47.508 ng

RT: 9.45 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

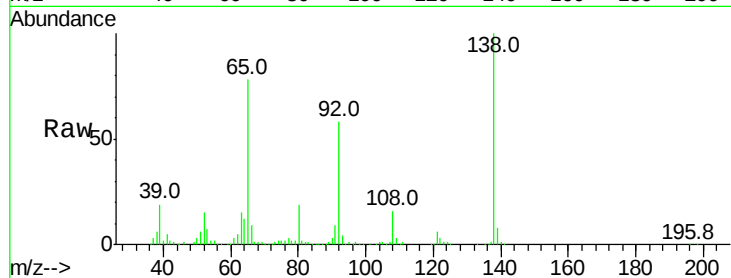
Tot Ion: 65 Resp: 164820

Ion Ratio Lower Upper

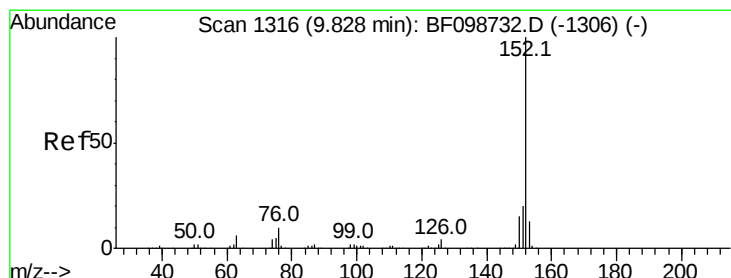
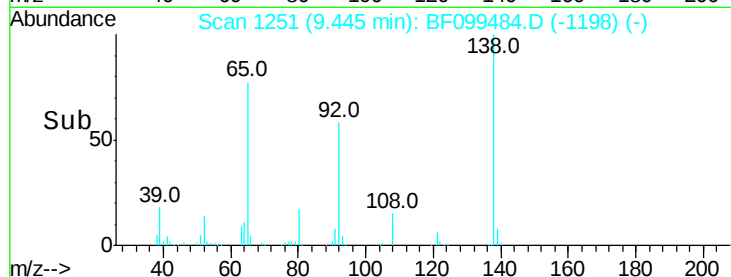
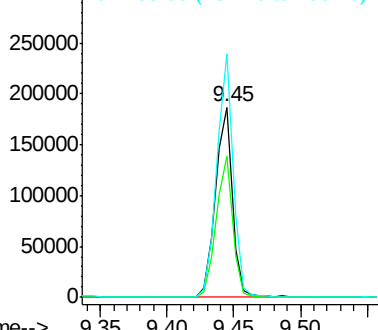
65 100

92 74.4 55.8 83.6

138 128.1 91.2 136.8



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



#48

Acenaphthylene

Concen: 48.911 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

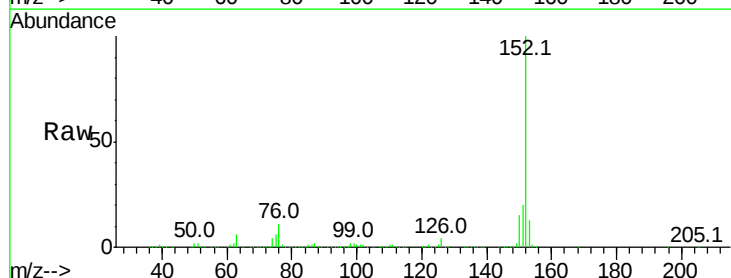
Tgt Ion: 152 Resp: 848344

Ion Ratio Lower Upper

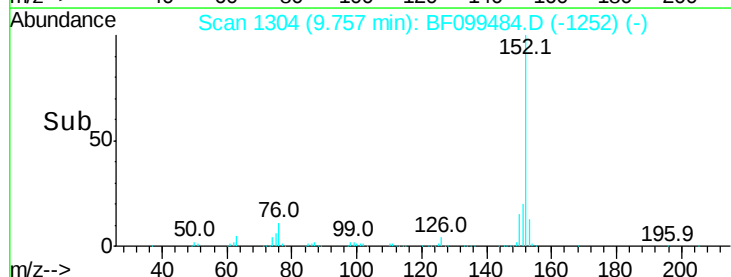
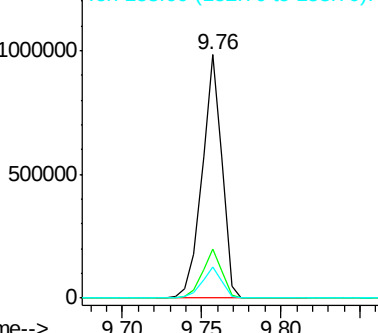
152 100

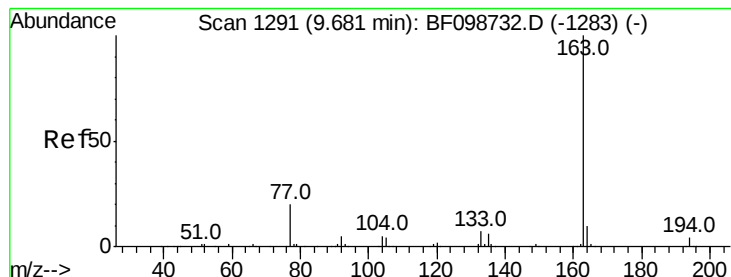
151 20.3 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 51.178 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

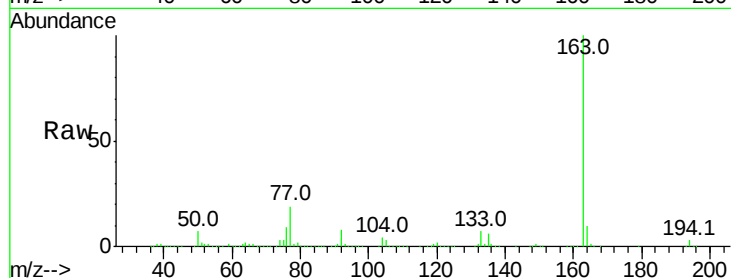
Tot Ion:163 Resp: 678231

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

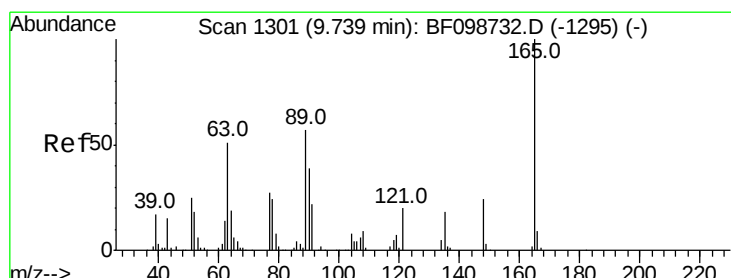
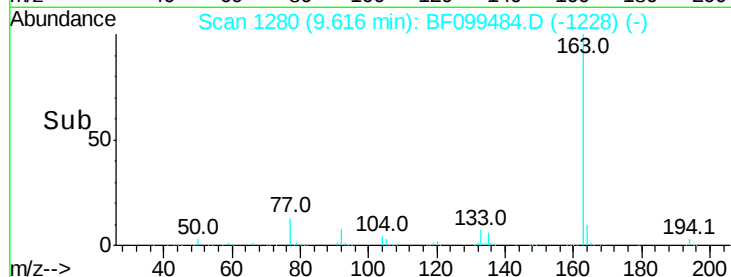
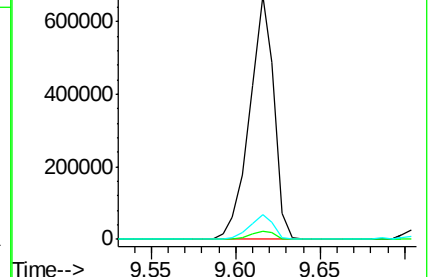
164 10.2 8.2 12.2



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: 52.142 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

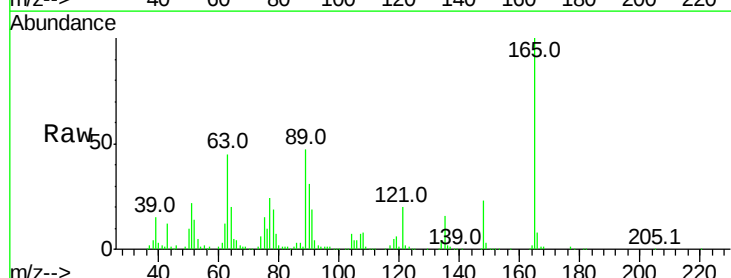
Tgt Ion:165 Resp: 150436

Ion Ratio Lower Upper

165 100

63 45.0 44.7 67.1

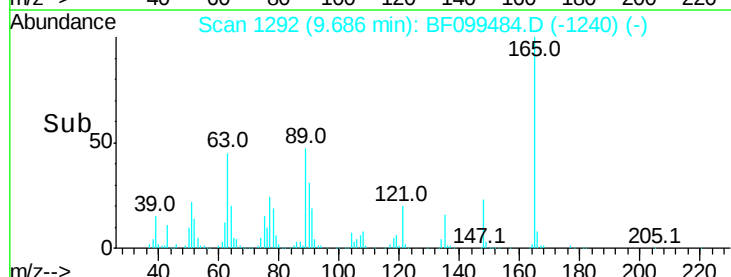
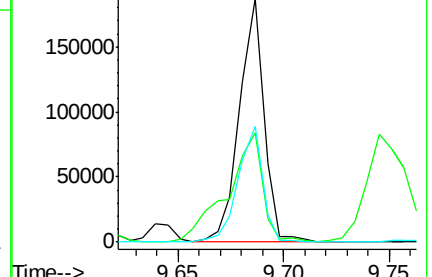
89 47.2 44.0 66.0

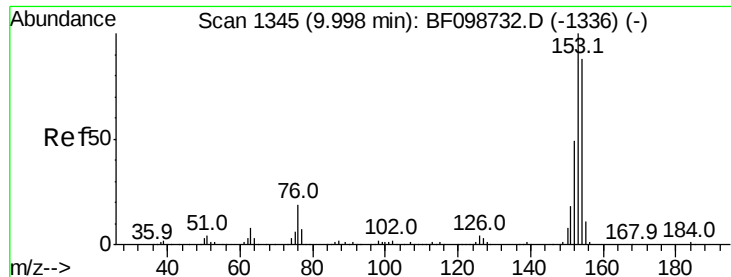


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.275 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

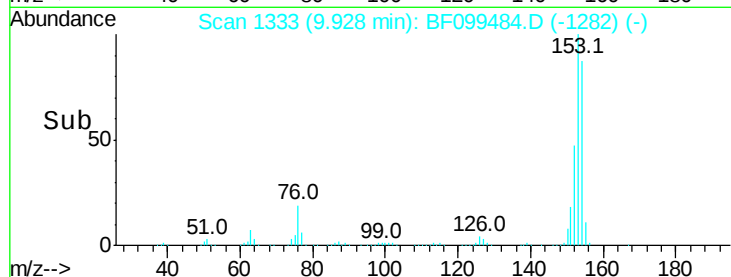
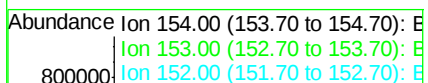
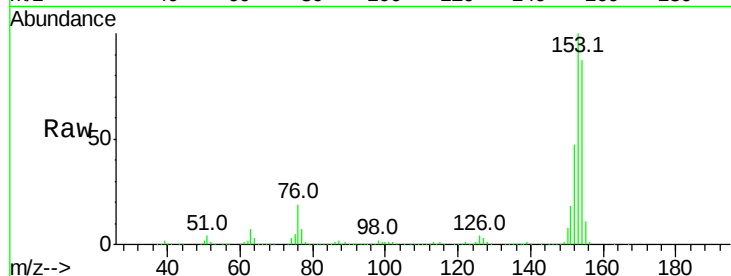
Tot Ion:154 Resp: 497441

Ion Ratio Lower Upper

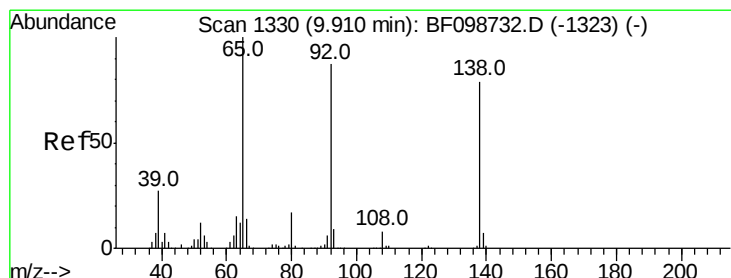
154 100

153 115.4 91.2 136.8

152 54.8 43.8 65.8



Time-->



#52

3-Nitroaniline

Concen: 24.162 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

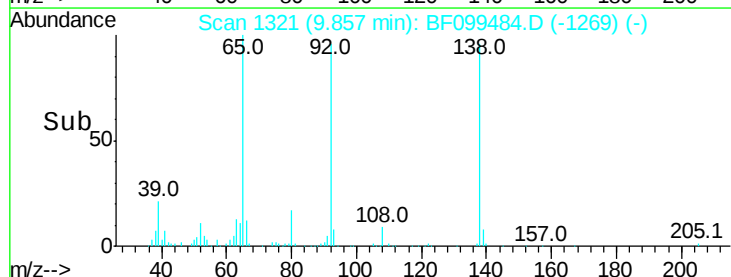
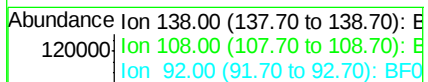
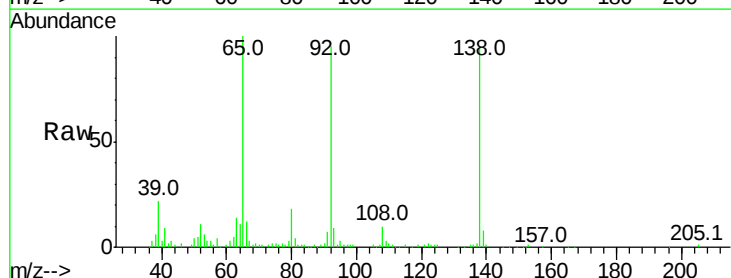
Tgt Ion:138 Resp: 81282

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

92 99.6 89.4 134.2



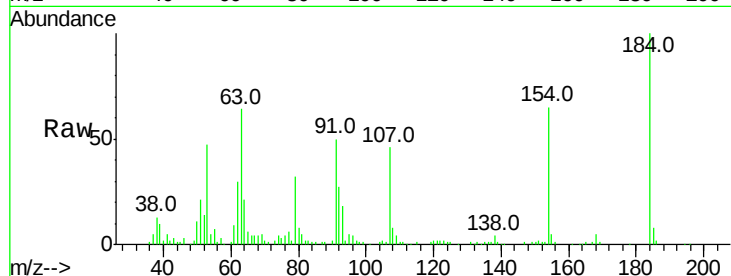
Time-->



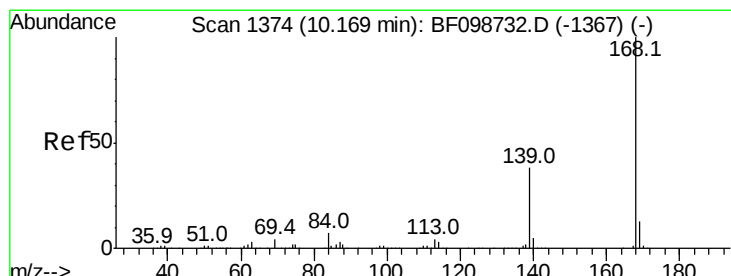
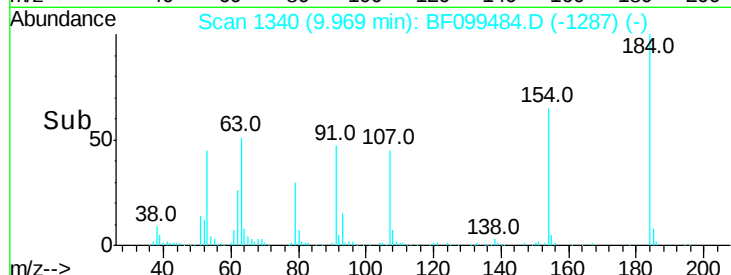
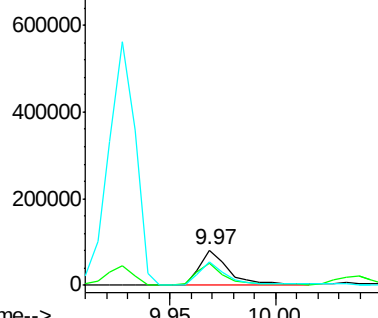
#53
2,4-Dinitrophenol
Concen: 55.668 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 80746
Ion Ratio Lower Upper
184 100
63 64.3 54.2 81.2
154 65.5 53.5 80.3

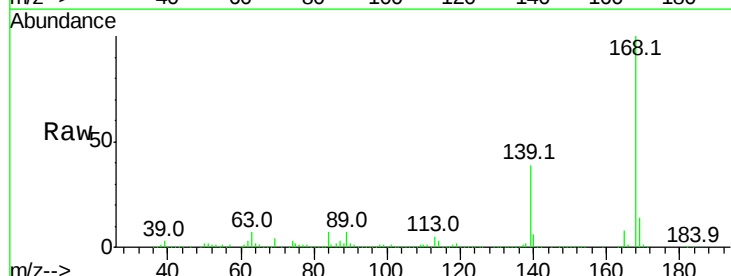


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

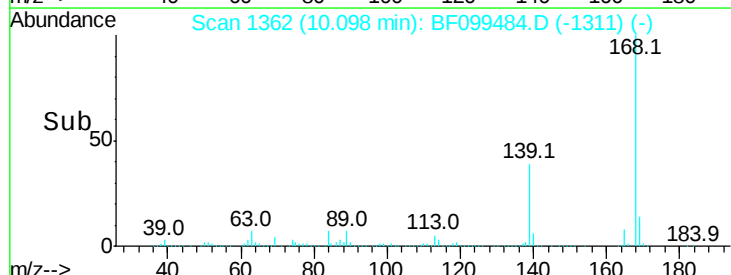
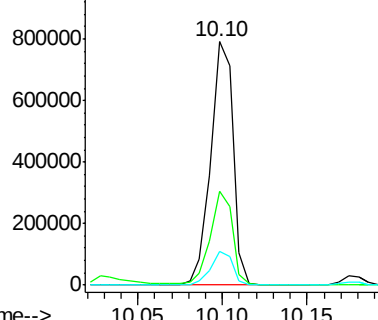


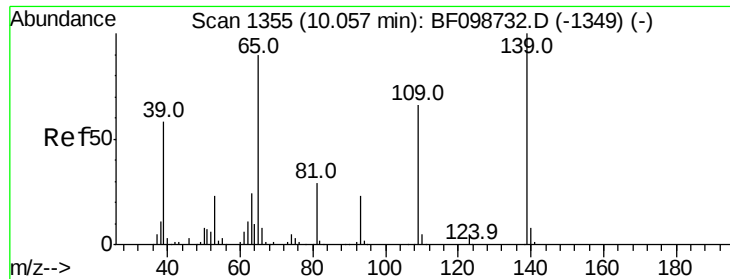
#54
Dibenzofuran
Concen: 50.066 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:168 Resp: 732409
Ion Ratio Lower Upper
168 100
139 38.7 30.1 45.1
169 13.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

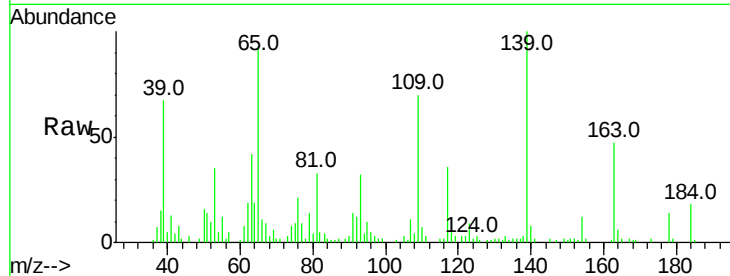




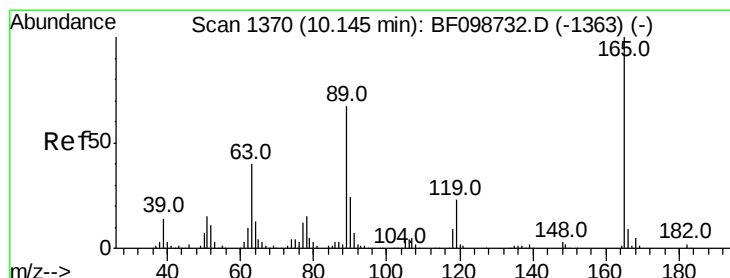
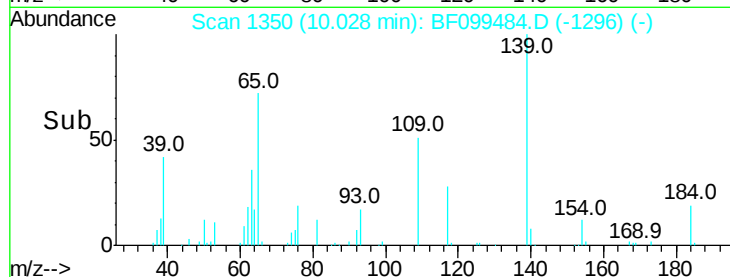
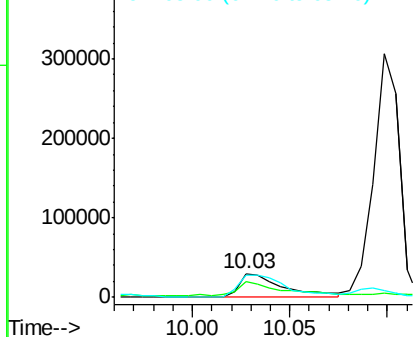
#55
4-Nitrophenol
Concen: 15.753 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 44809
Ion Ratio Lower Upper
139 100
109 69.6 48.4 88.4
65 92.8 72.6 112.6

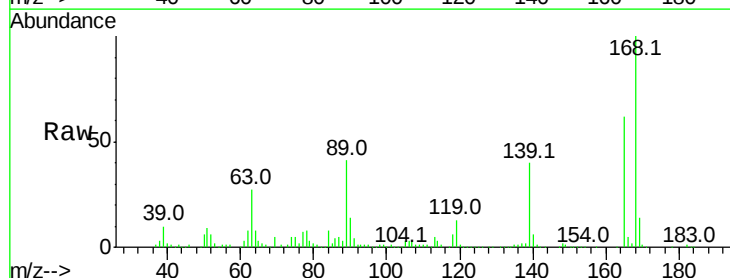


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

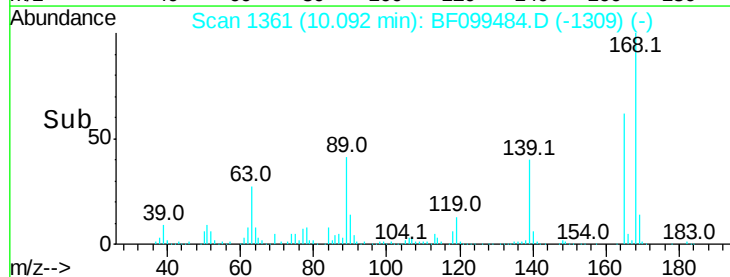
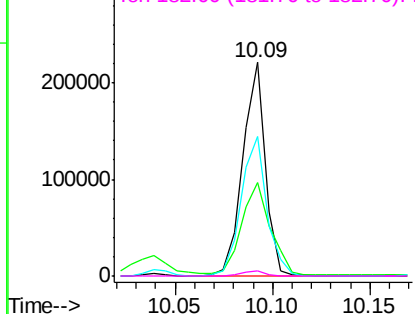


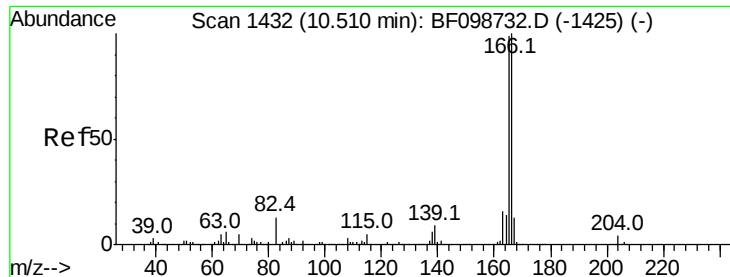
#56
2,4-Dinitrotoluene
Concen: 47.042 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:165 Resp: 176143
Ion Ratio Lower Upper
165 100
63 43.7 36.4 54.6
89 65.5 57.8 86.6
182 2.3 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

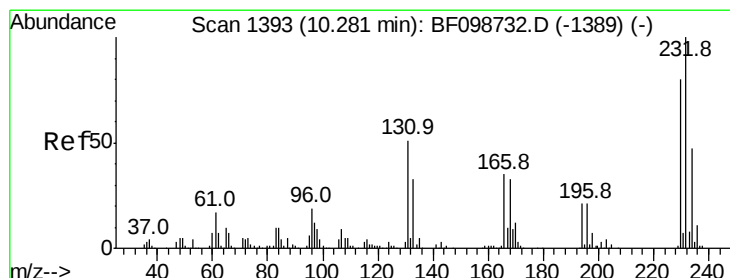
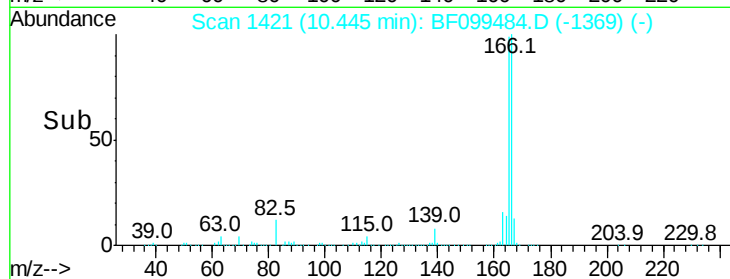
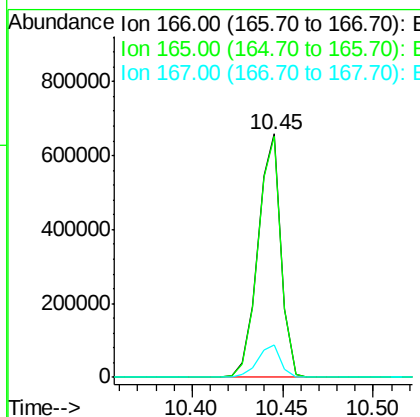
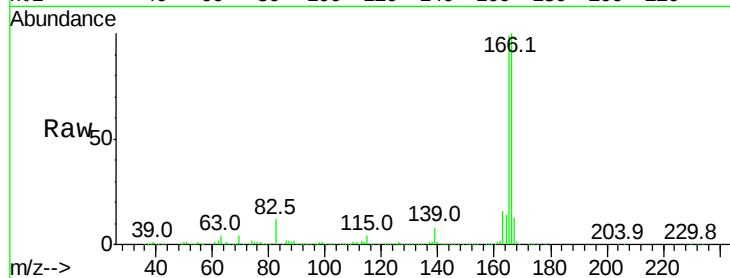




#57
 Fluorene
 Concen: 49.067 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

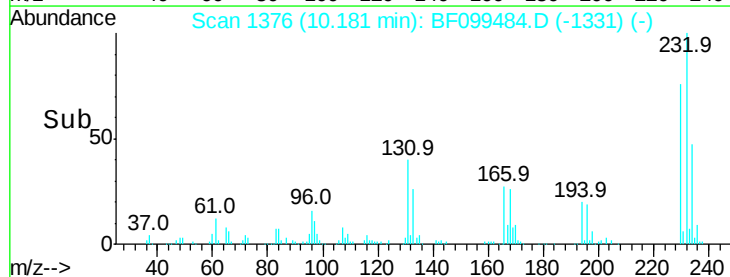
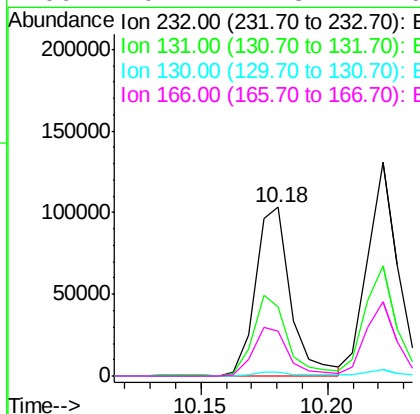
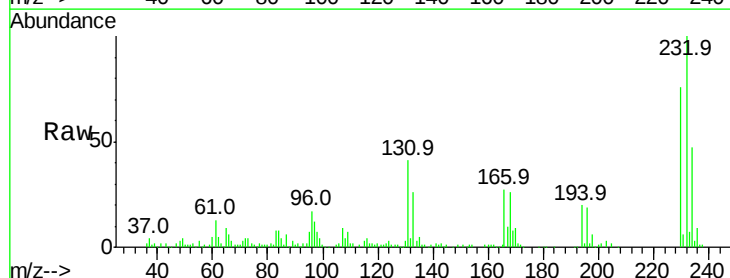
Instrument :
 BNA_F
 ClientSampleId :

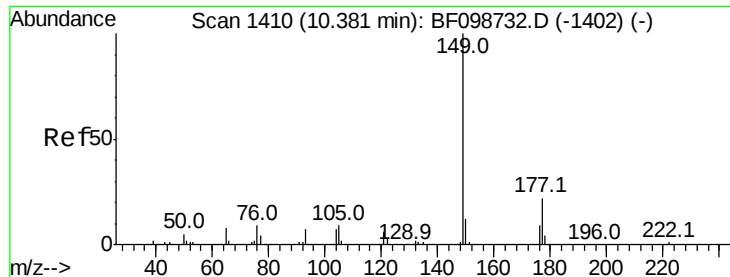
Tot Ion:166 Resp: 576931
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.125 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.04 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:232 Resp: 100088
 Ion Ratio Lower Upper
 232 100
 131 46.1 43.8 65.8
 130 2.9 2.1 3.1
 166 29.2 27.8 41.6





#59

Diethylphthalate

Concen: 47.274 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampled :

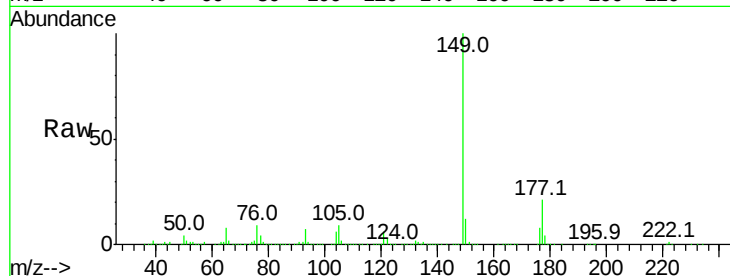
Tot Ion:149 Resp: 612165

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

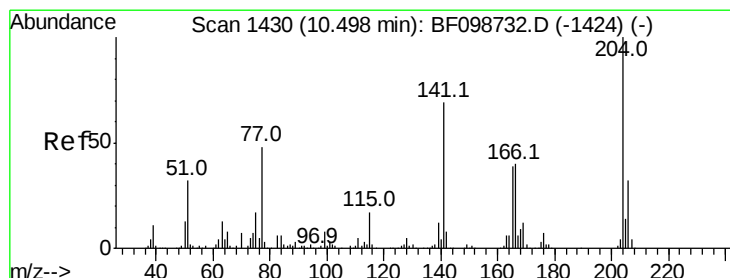
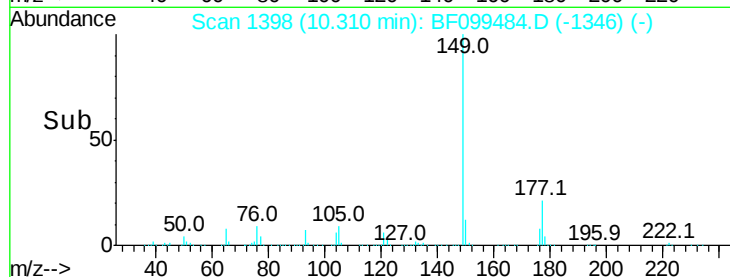
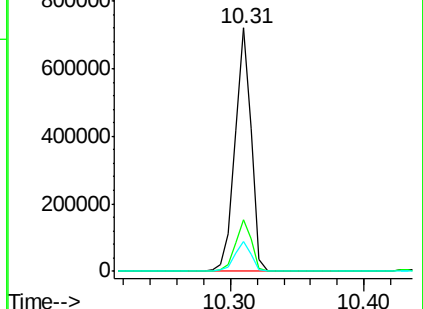
150 12.2 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.176 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

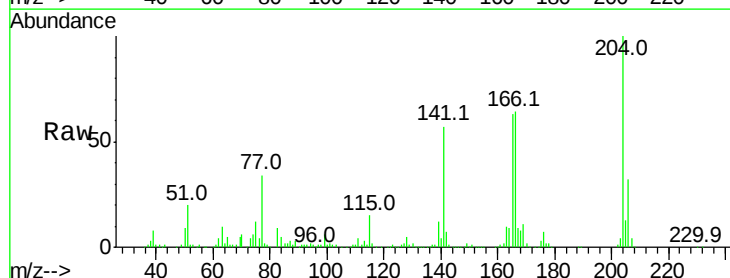
Tgt Ion:204 Resp: 265015

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

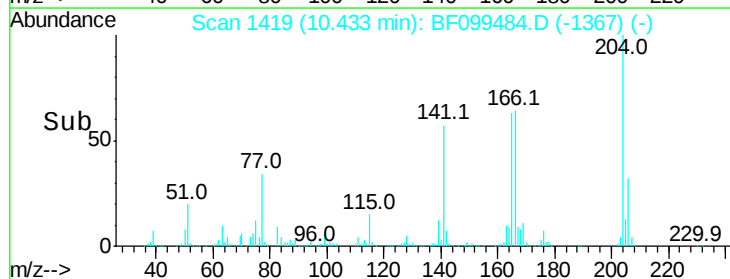
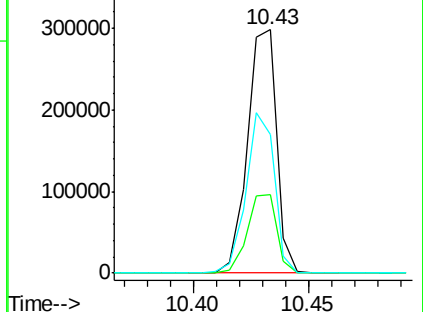
141 57.2 54.6 81.8

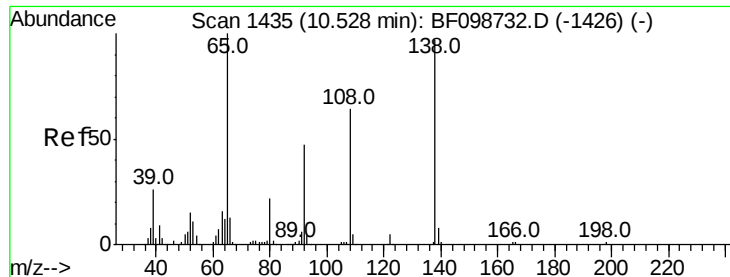


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

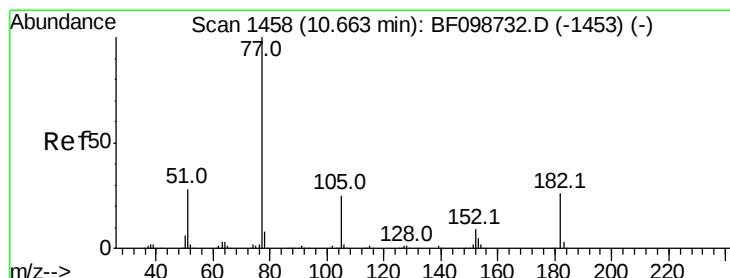
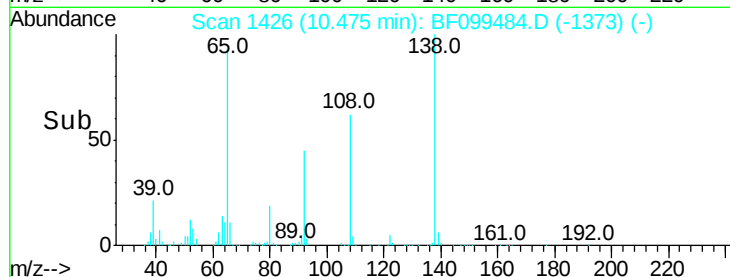
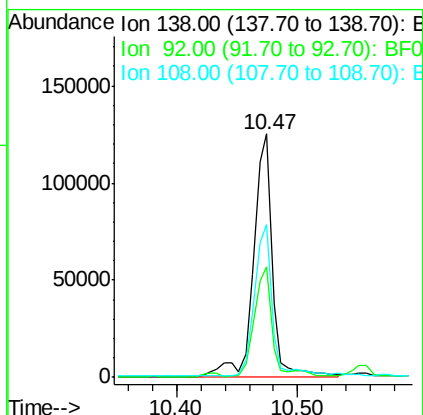
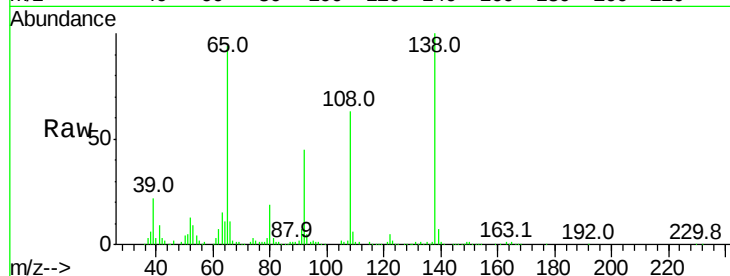




#61
4-Nitroaniline
Concen: 42.116 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

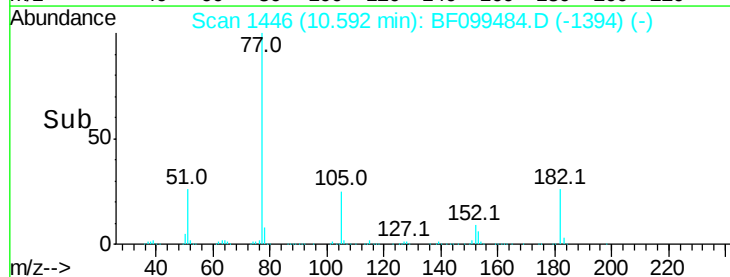
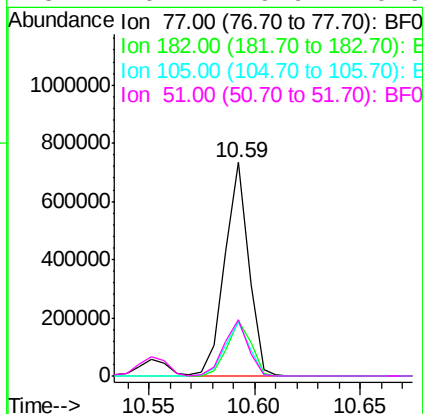
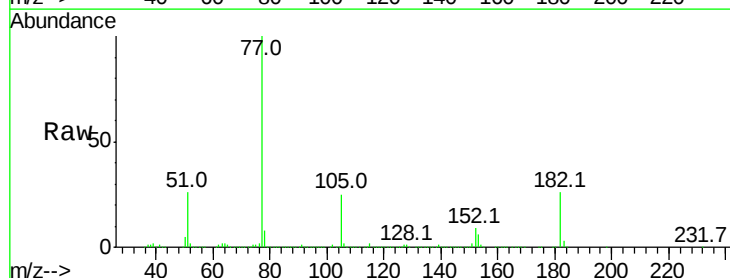
Instrument :
BNA_F
ClientSampleId :

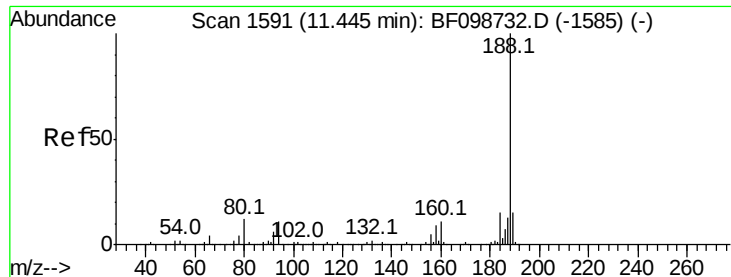
Tot Ion:138 Resp: 136689
Ion Ratio Lower Upper
138 100
92 45.4 30.2 70.2
108 62.6 52.5 92.5



#62
Azobenzene
Concen: 47.828 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion: 77 Resp: 569472
Ion Ratio Lower Upper
77 100
182 25.7 1.7 41.7
105 25.0 3.0 43.0
51 26.2 9.9 49.9

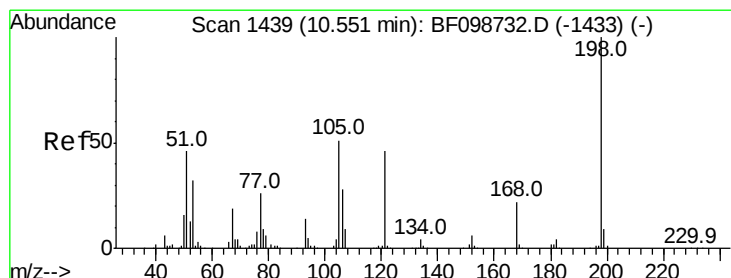
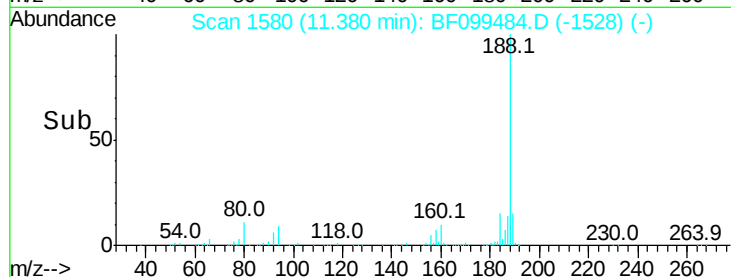
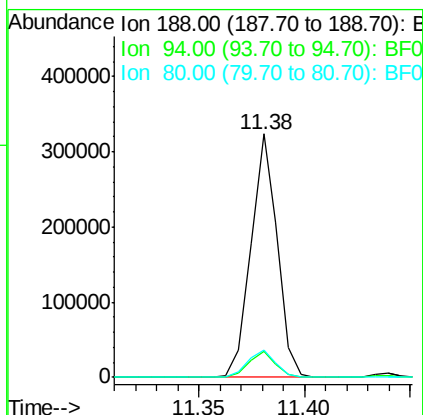
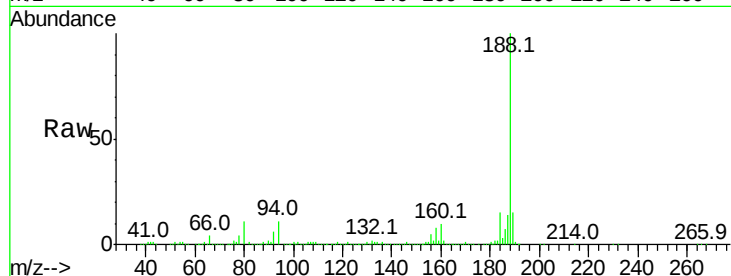




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

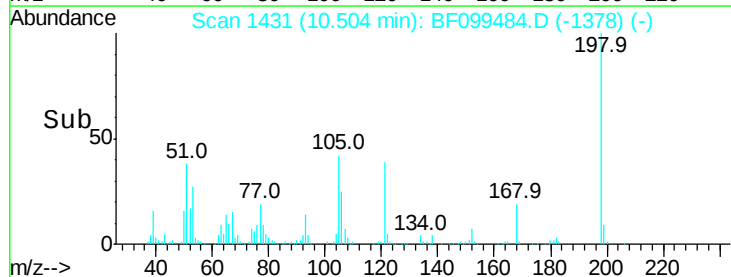
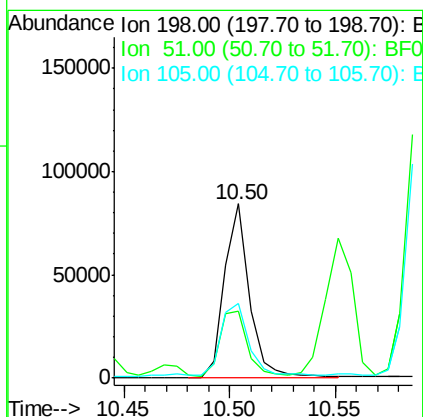
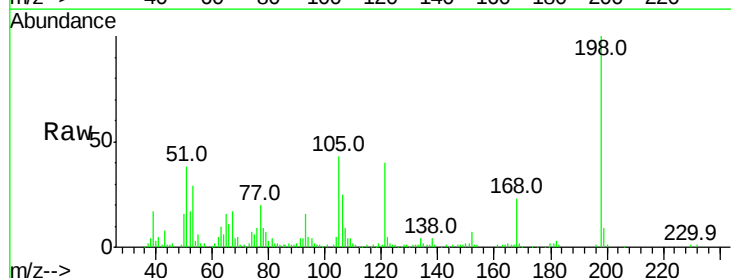
Instrument :
BNA_F
ClientSampleId :

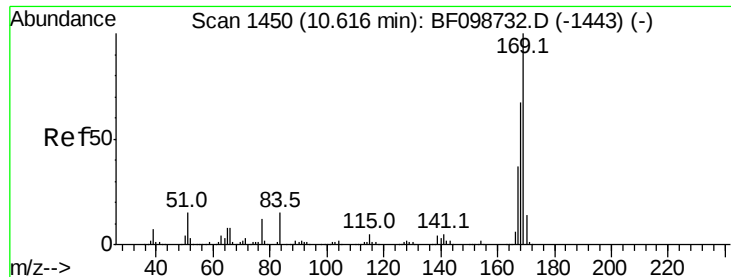
Tot Ion:188 Resp: 280501
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.016 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:198 Resp: 69999
Ion Ratio Lower Upper
198 100
51 38.1 37.7 77.7
105 43.1 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 52.222 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

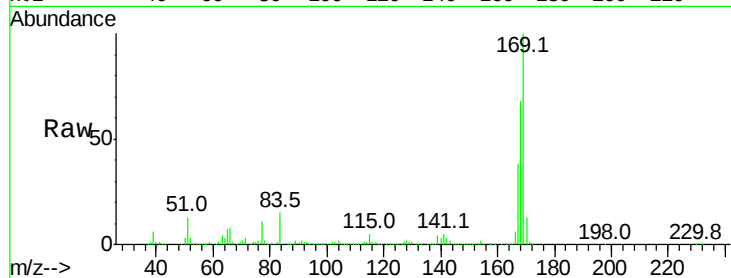
Tot Ion:169 Resp: 507460

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

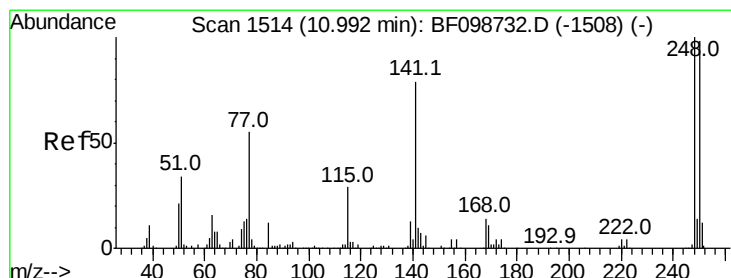
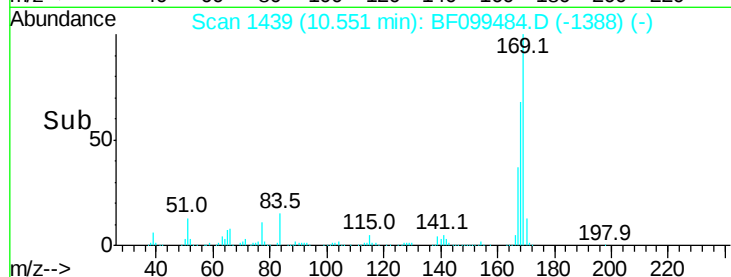
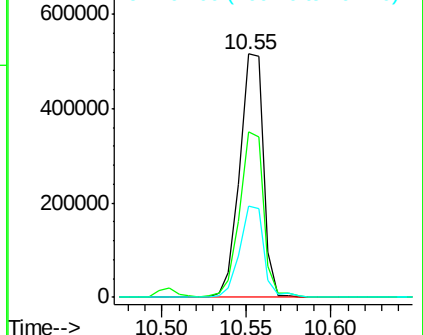
167 37.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 55.496 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

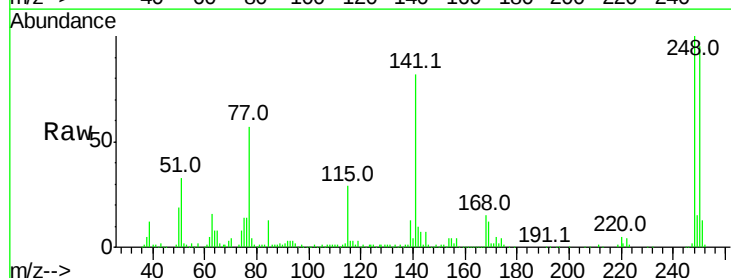
Tgt Ion:248 Resp: 152372

Ion Ratio Lower Upper

248 100

250 95.0 76.9 115.3

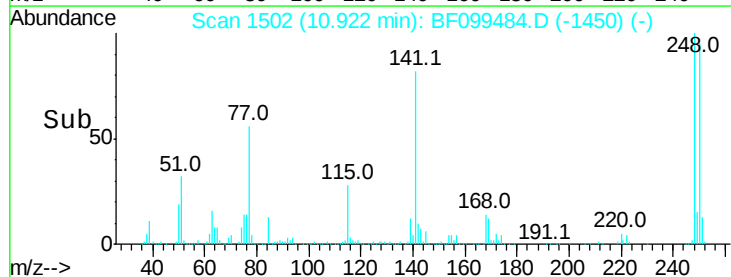
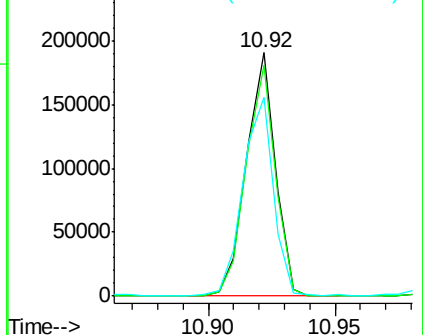
141 81.7 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

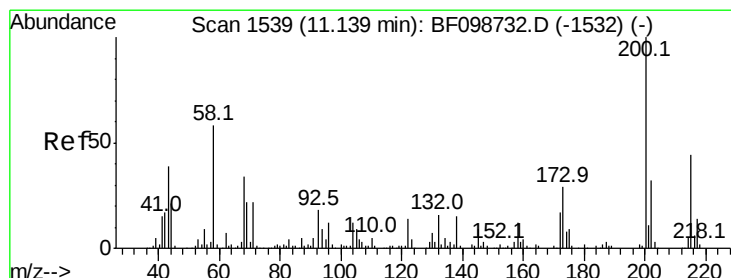
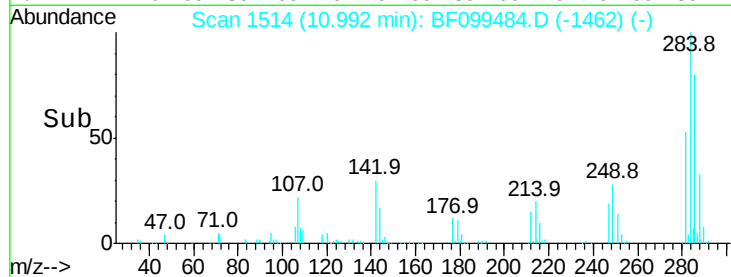
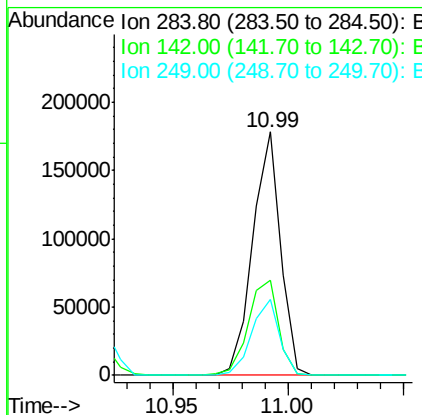
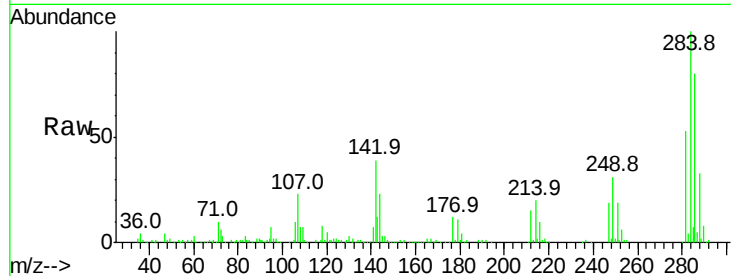




#67
Hexachlorobenzene
Concen: 51.331 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

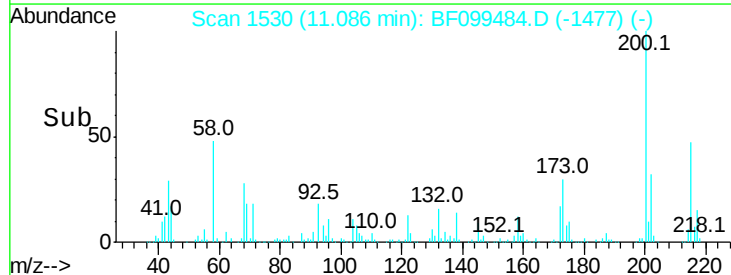
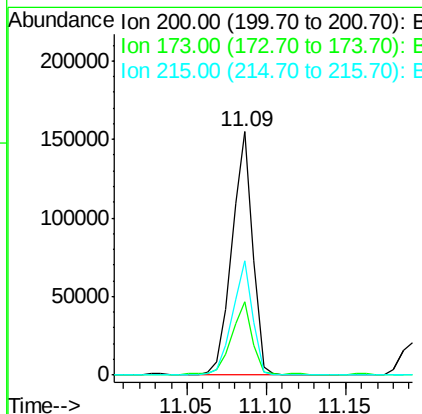
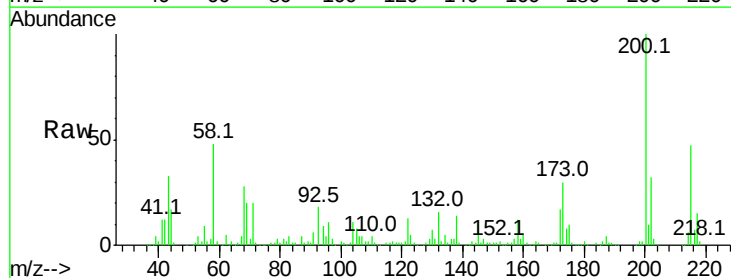
Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 150527
Ion Ratio Lower Upper
284 100
142 39.1 34.6 52.0
249 31.2 24.8 37.2



#68
Atrazine
Concen: 48.075 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:200 Resp: 140556
Ion Ratio Lower Upper
200 100
173 30.2 8.6 48.6
215 47.2 25.1 65.1

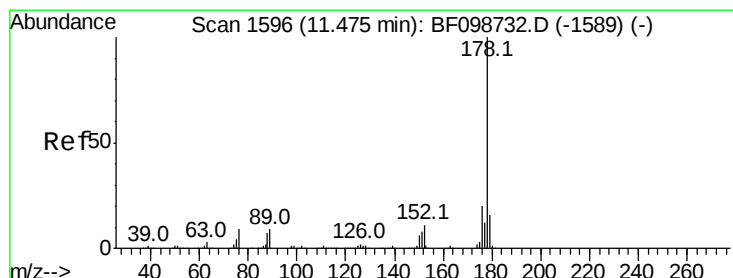
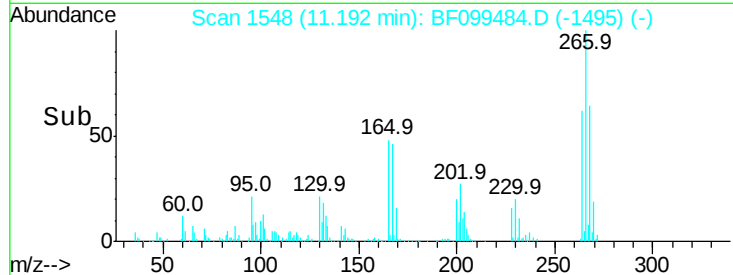
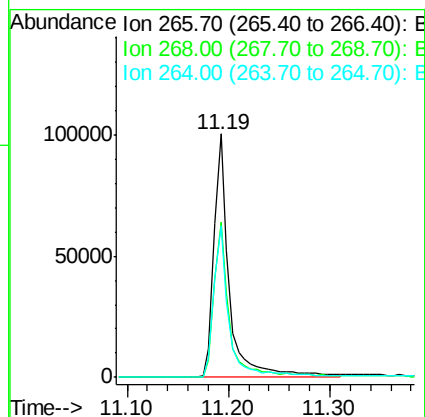
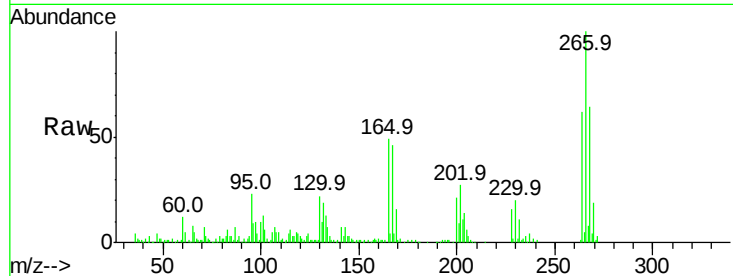




#69
 Pentachlorophenol
 Concen: 58.681 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

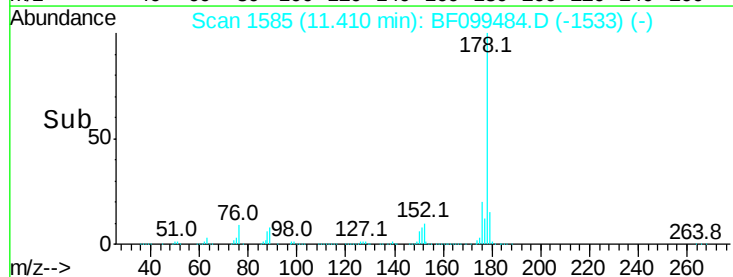
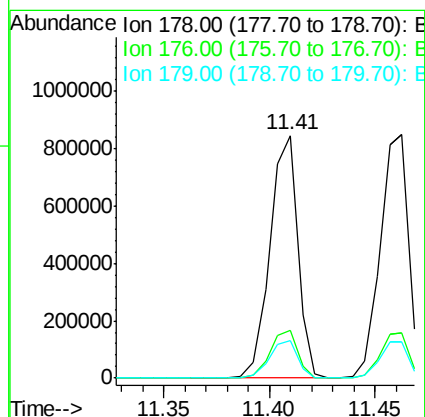
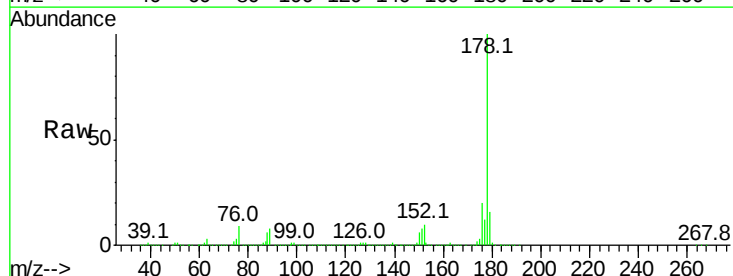
Instrument :
 BNA_F
 ClientSampleId :

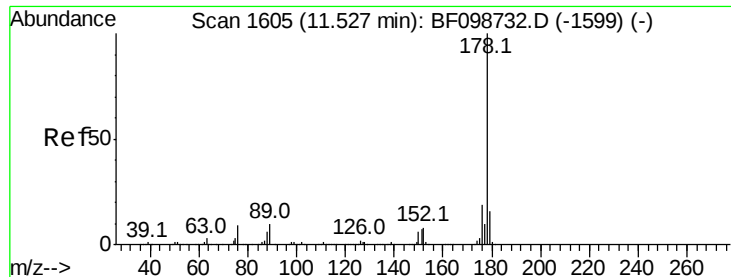
Tot Ion:266 Resp: 107096
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.1 76.7
 264 62.3 49.5 74.3



#70
 Phenanthrene
 Concen: 51.766 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:178 Resp: 777241
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6

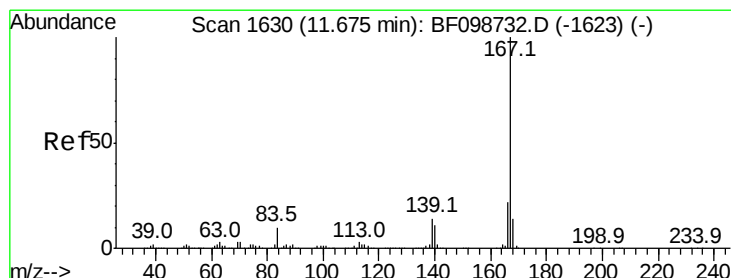
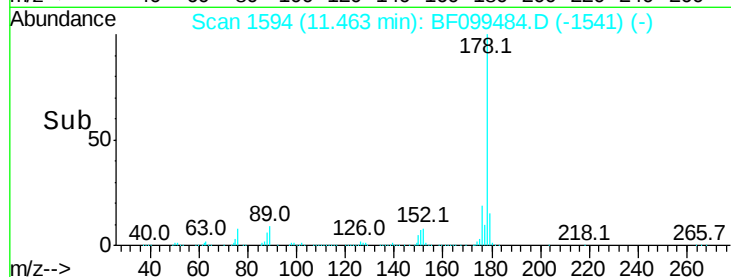
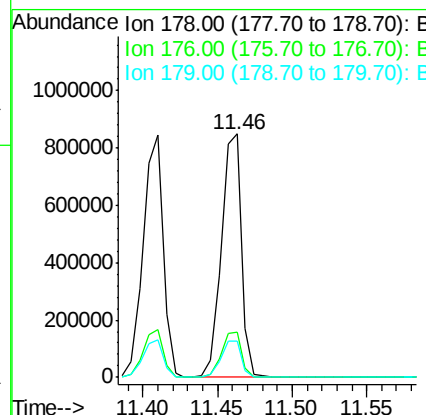
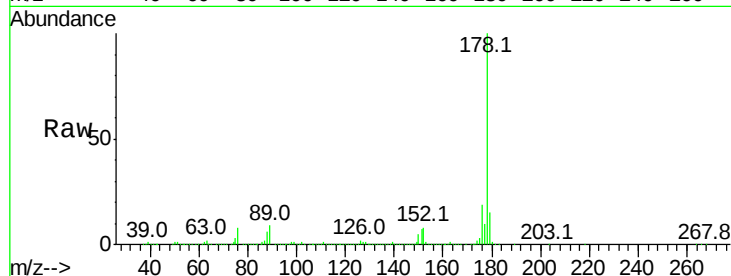




#71
 Anthracene
 Concen: 52.142 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

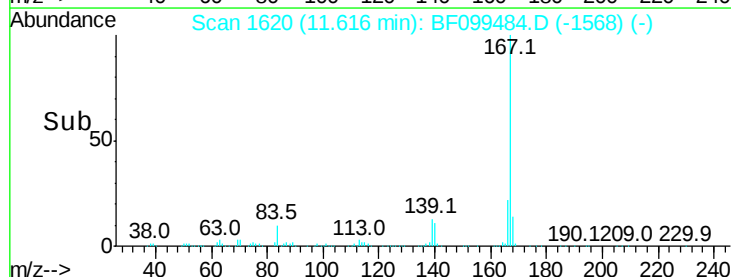
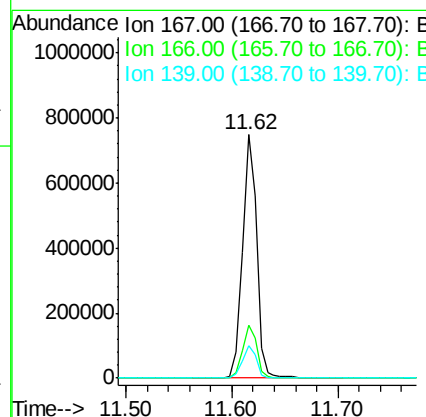
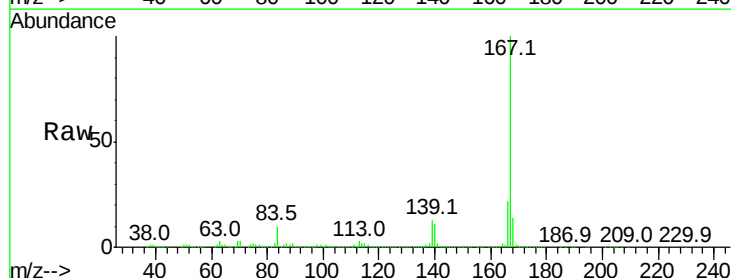
Instrument :
 BNA_F
 ClientSampleId :

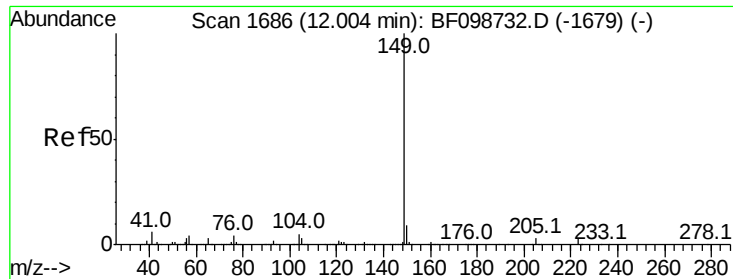
Tot Ion:178 Resp: 801037
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 45.029 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:167 Resp: 677423
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.2 10.9 16.3

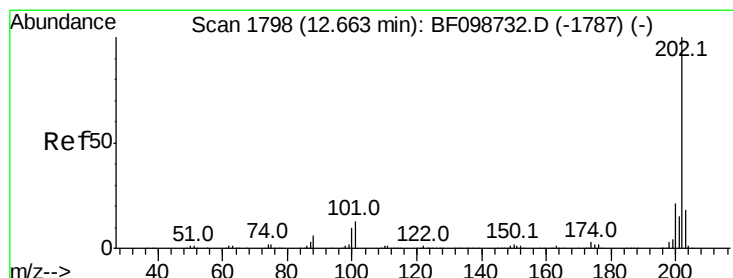
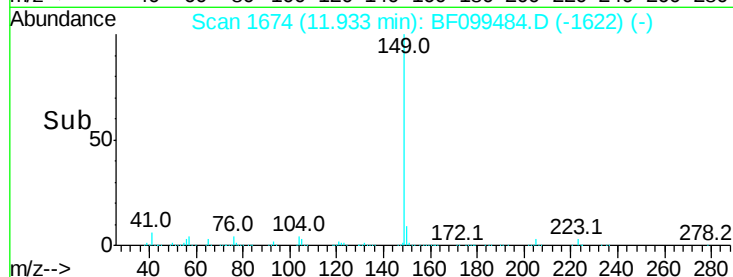
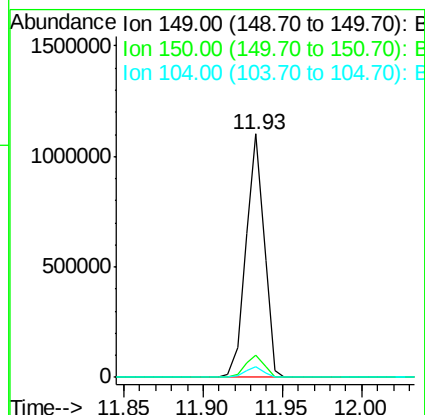
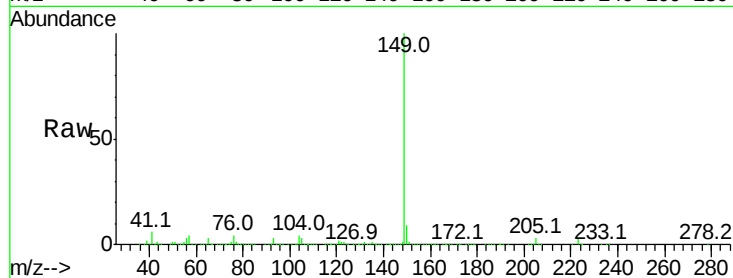




#73
Di-n-butylphthalate
Concen: 47.970 ng
RT: 11.93 min Scan# 1674
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

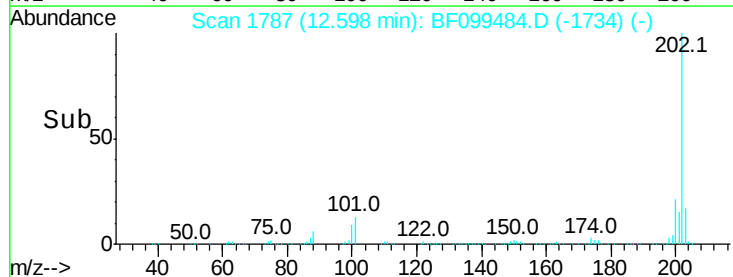
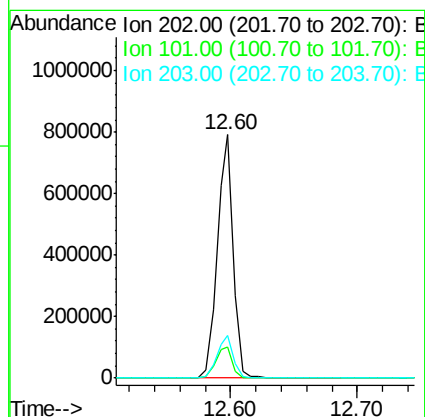
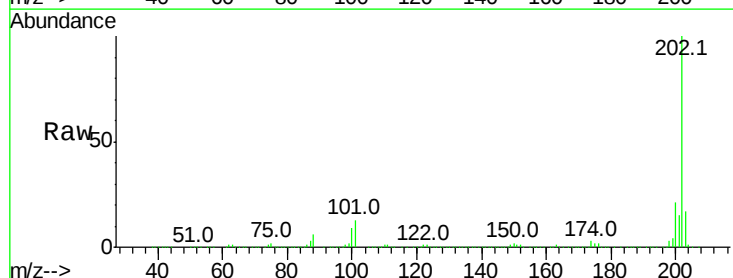
Instrument :
BNA_F
ClientSampled :

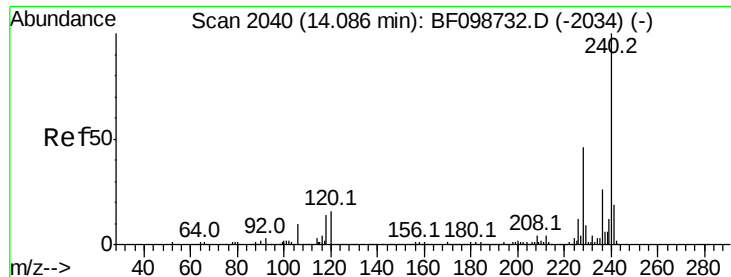
Tot Ion:149 Resp: 868645
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.4 3.8 5.8



#74
Fluoranthene
Concen: 45.920 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:202 Resp: 698152
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

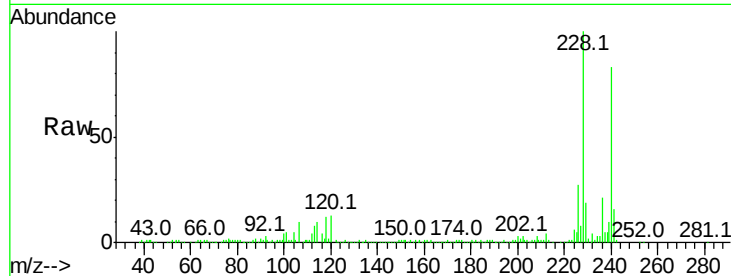
Tot Ion:240 Resp: 149379

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

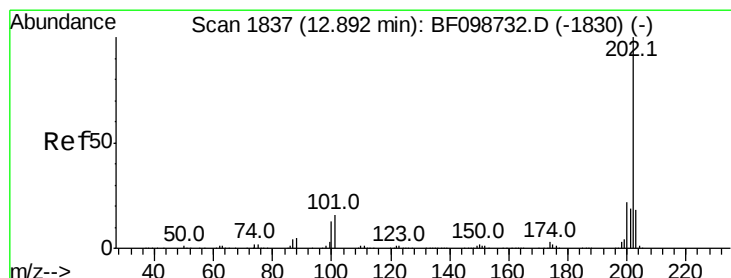
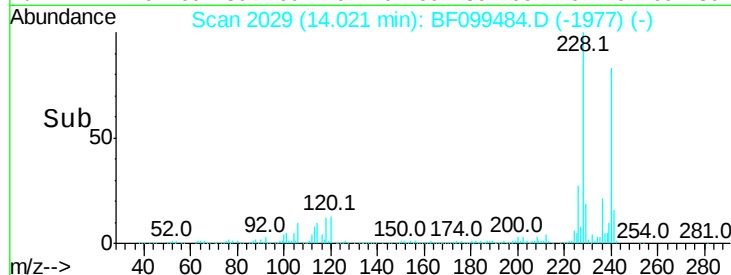
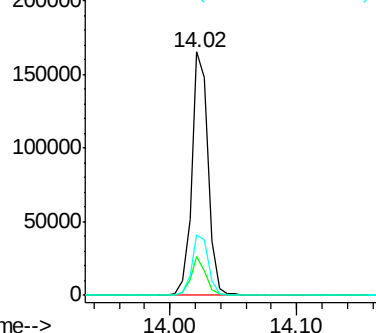
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 60.484 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

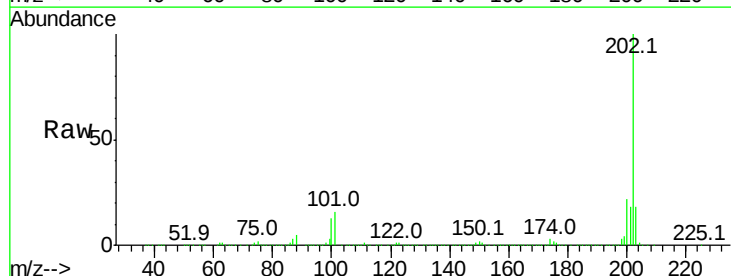
Tgt Ion:202 Resp: 688952

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

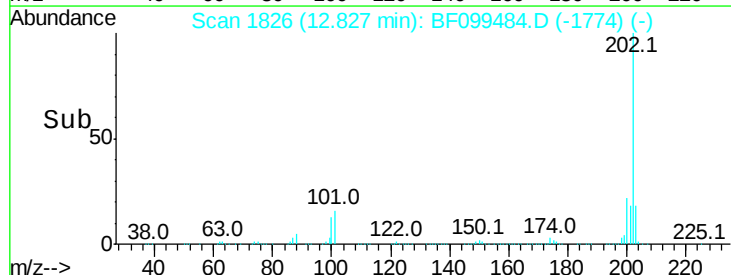
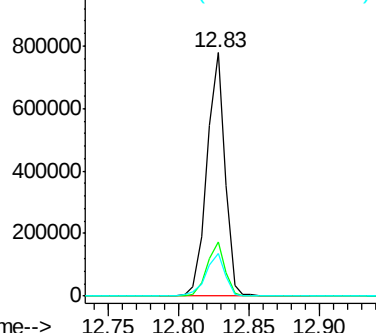
203 17.6 14.3 21.5

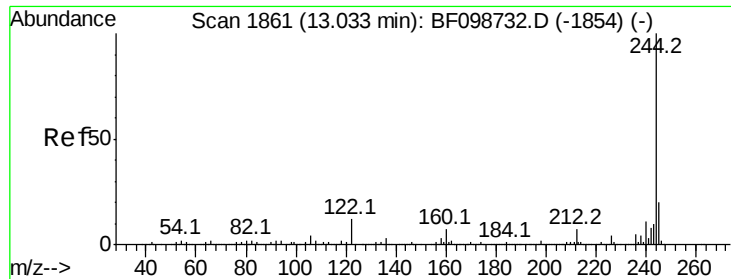


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 117.385 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

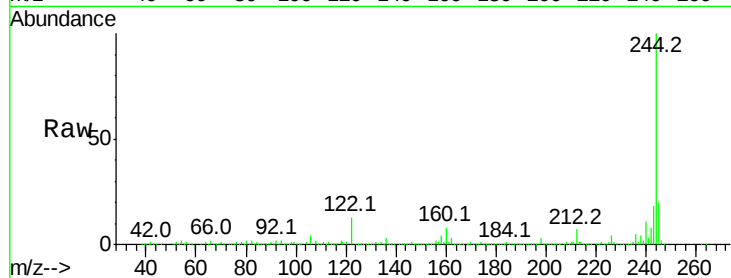
Tot Ion:244 Resp: 771034

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

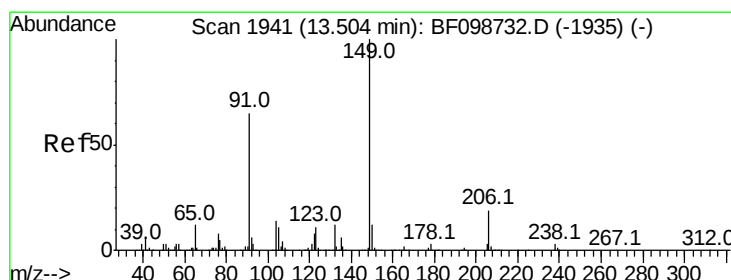
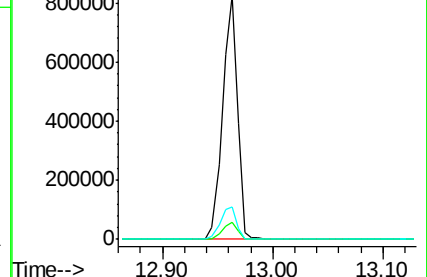
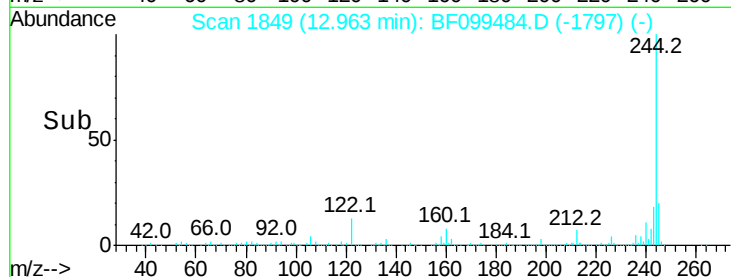
122 13.3 11.0 16.4



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: 53.467 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

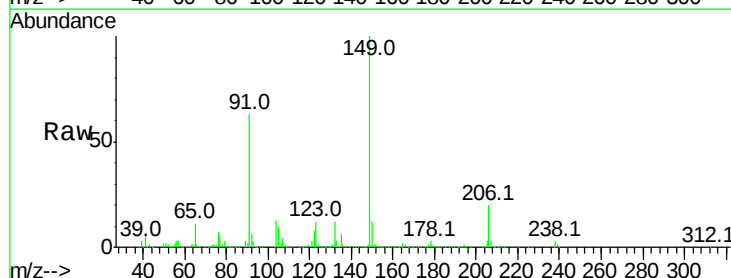
Tgt Ion:149 Resp: 286227

Ion Ratio Lower Upper

149 100

91 62.9 56.8 85.2

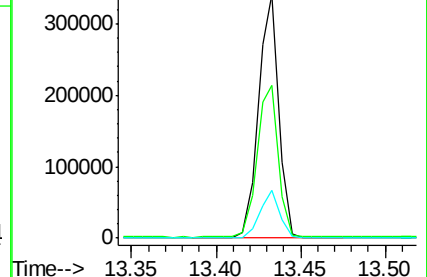
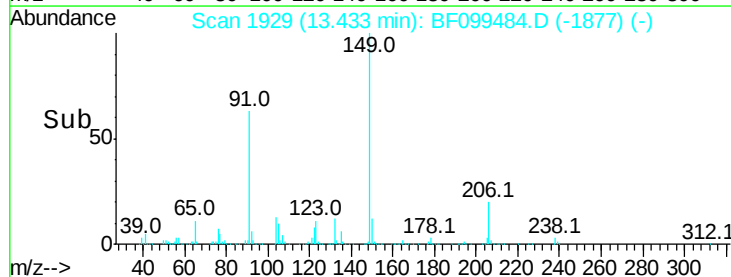
206 19.8 14.1 21.1

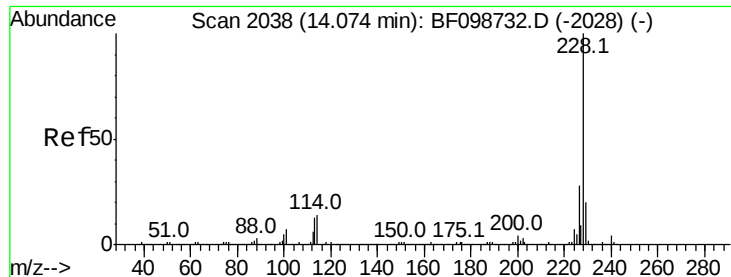


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 53.518 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

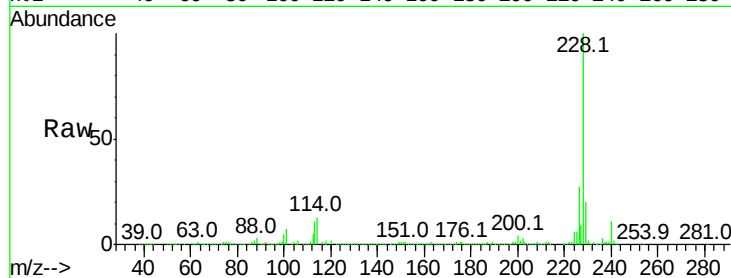
Tot Ion:228 Resp: 484082

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

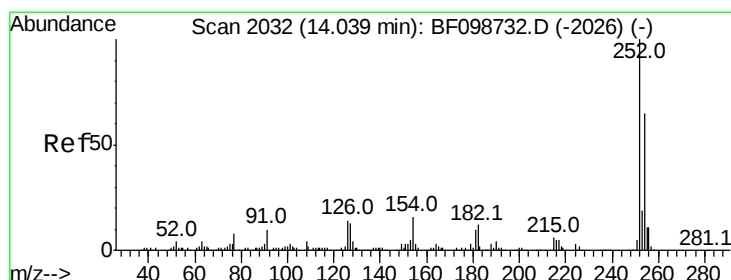
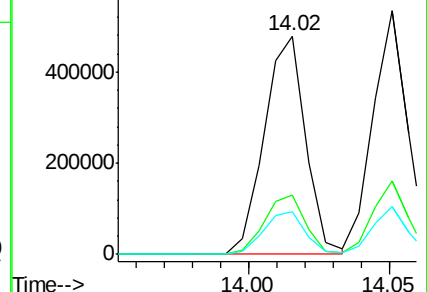
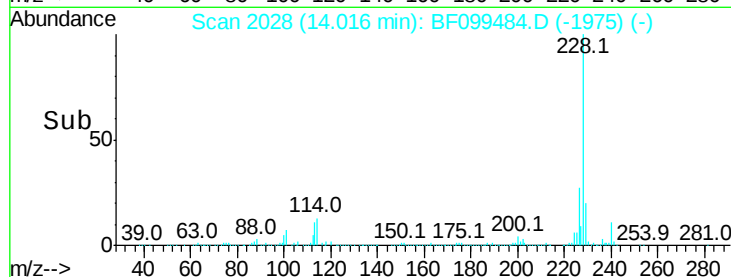
229 19.8 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 12.385 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

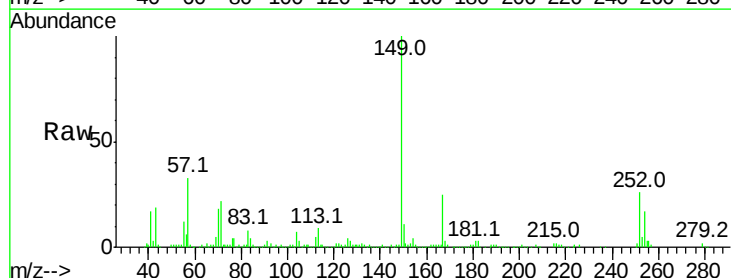
Tgt Ion:252 Resp: 41067

Ion Ratio Lower Upper

252 100

254 64.4 50.4 75.6

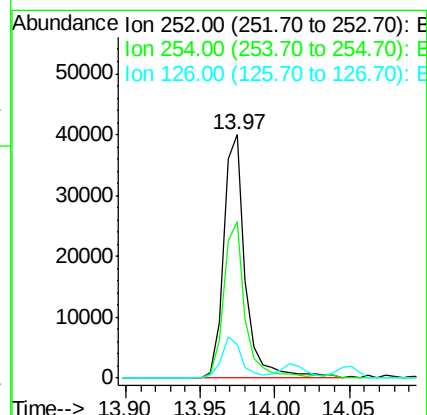
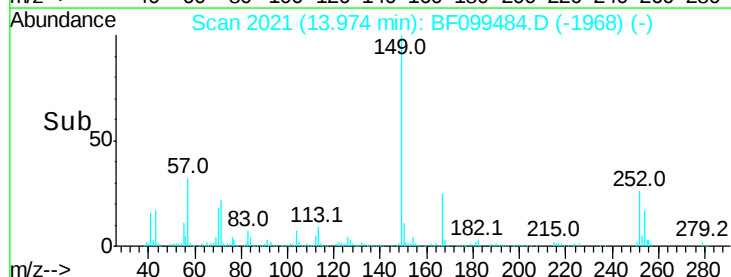
126 14.0 11.3 16.9

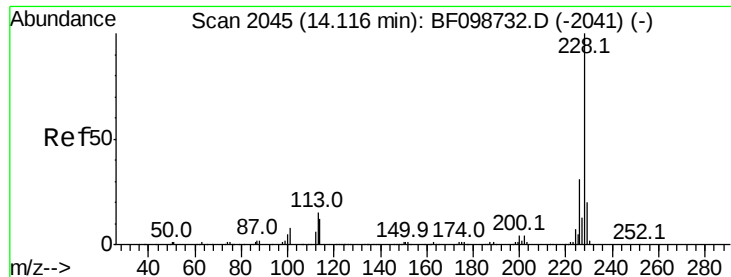


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 53.158 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

Instrument :

BNA_F

ClientSampleId :

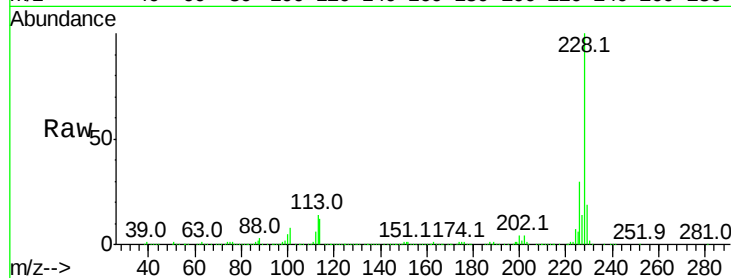
Tot Ion:228 Resp: 457770

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

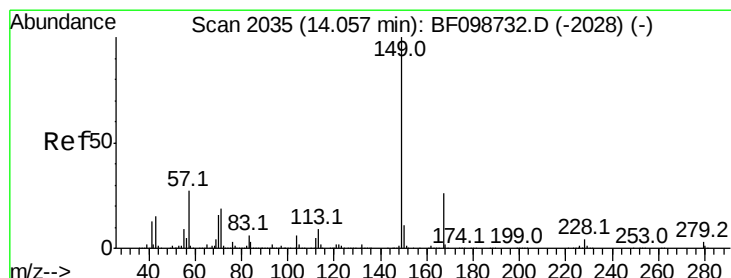
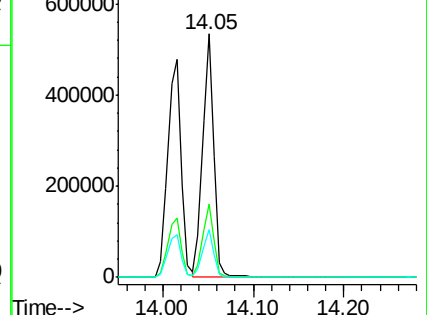
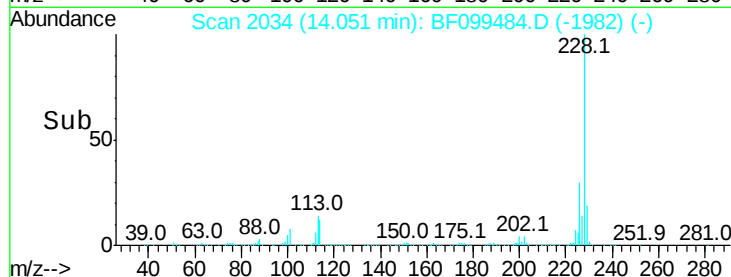
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 50.793 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099484.D

Acq: 14 Oct 2017 18:40

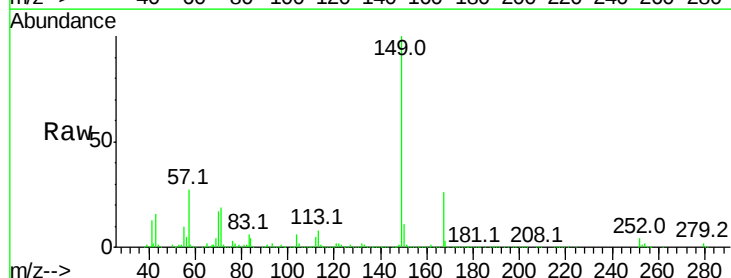
Tgt Ion:149 Resp: 374406

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

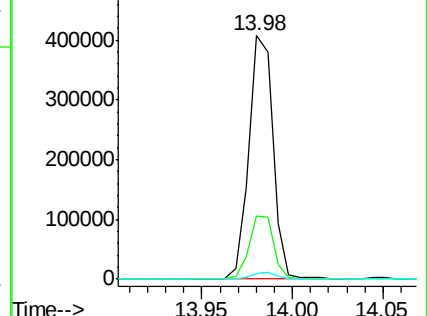
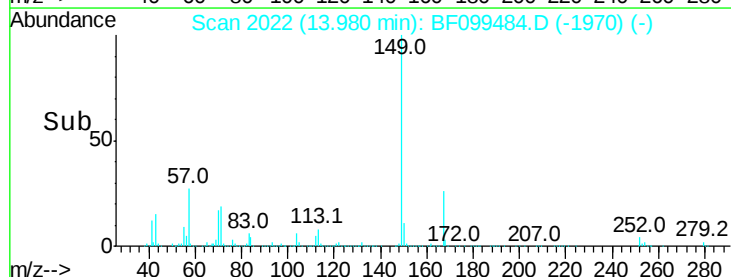
279 2.5 3.0 4.4#

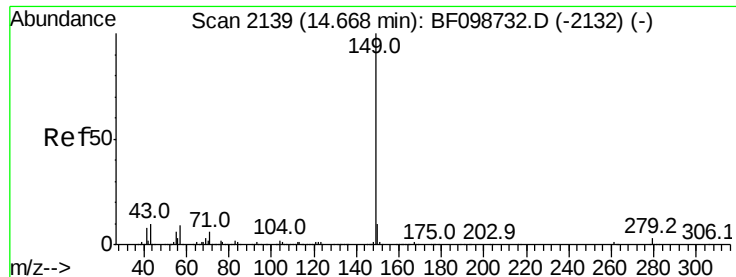


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

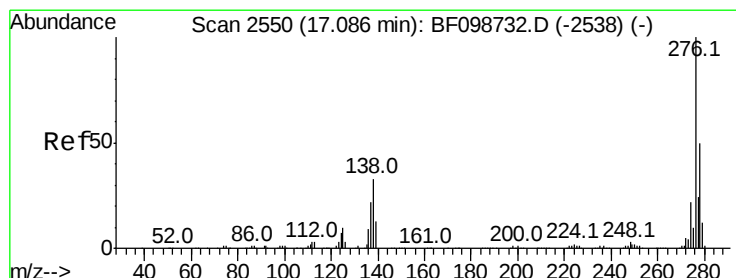
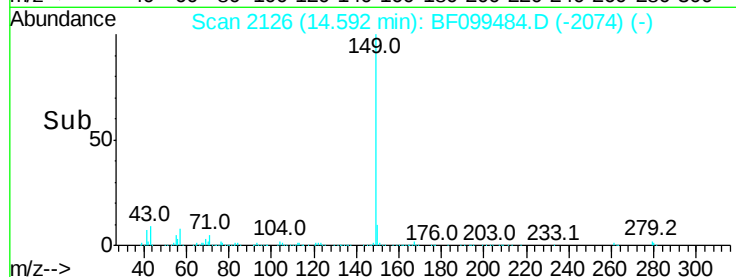
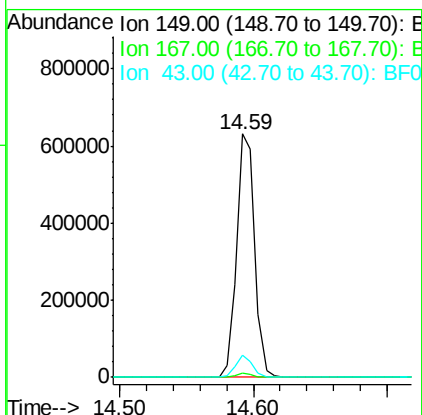
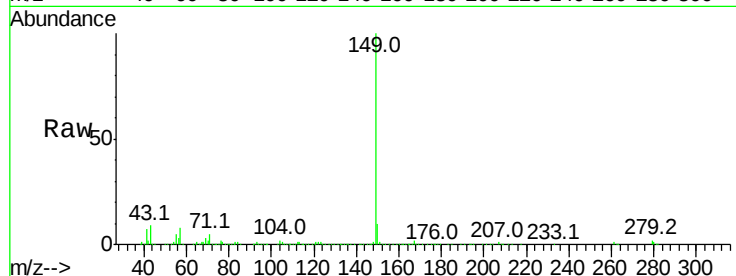




#84
 Di-n-octyl phthalate
 Concen: 49.996 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

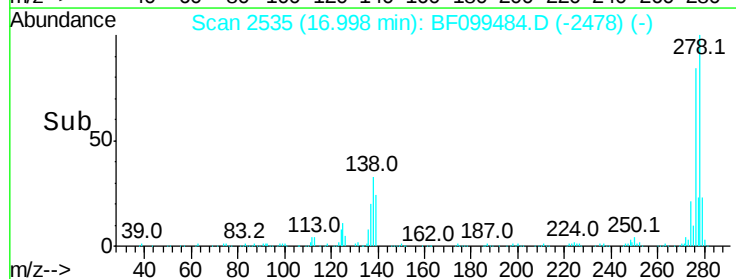
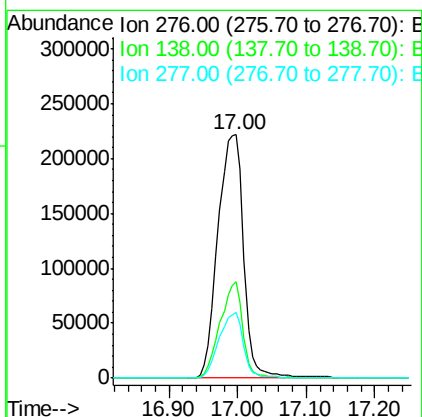
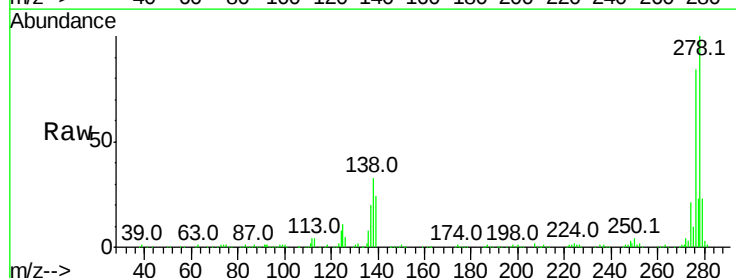
Instrument :
 BNA_F
 ClientSampleId :

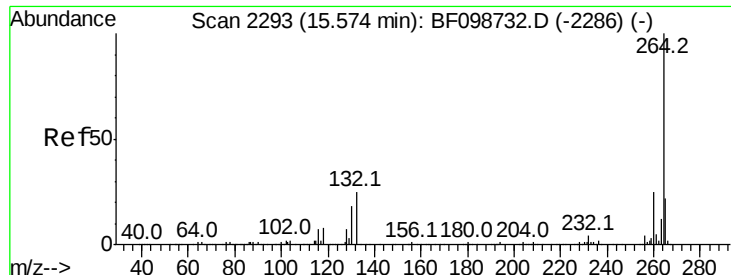
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.2	8.4	12.6



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 84.058 ng
 RT: 17.00 min Scan# 2535
 Delta R.T. 0.04 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.5	20.1	30.1

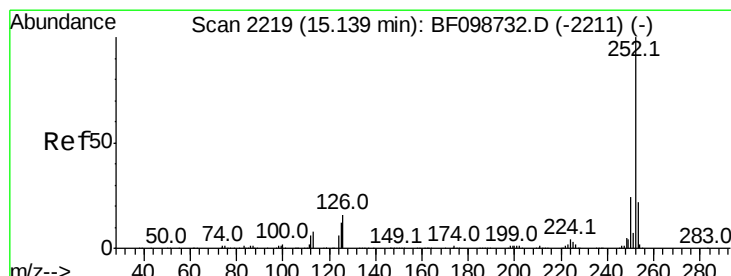
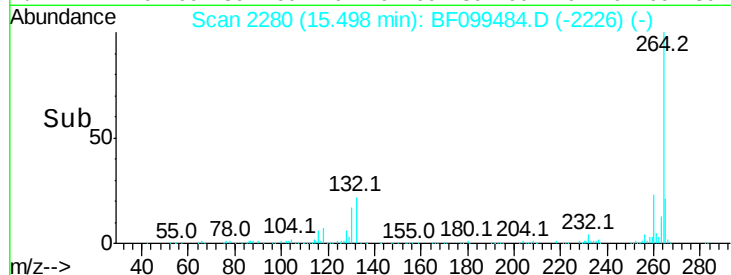
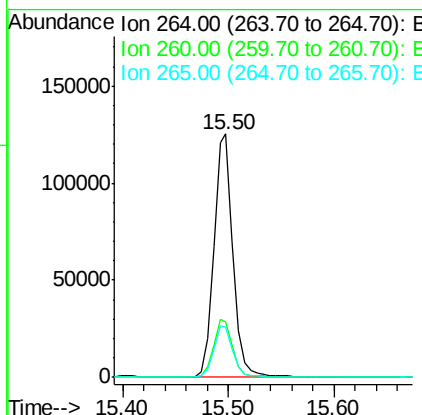
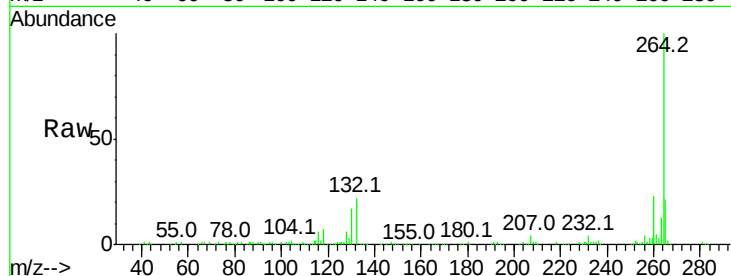




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

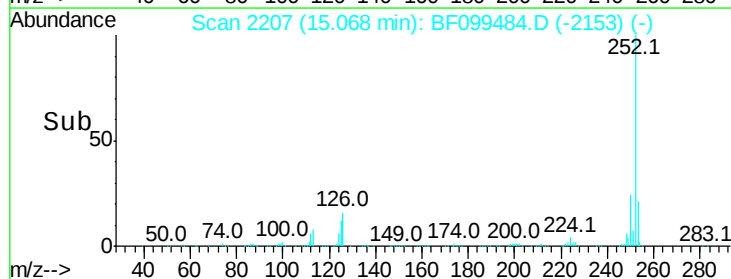
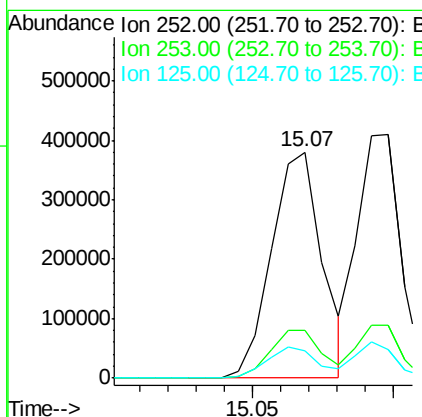
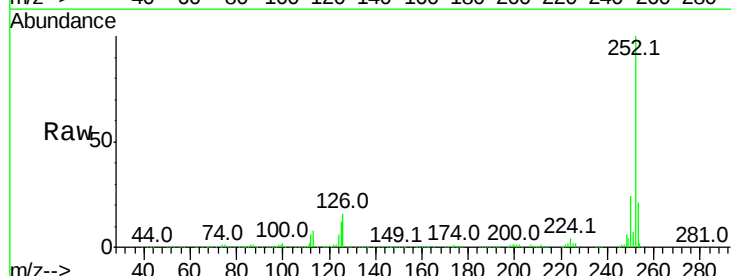
Instrument :
 BNA_F
 ClientSampleId :

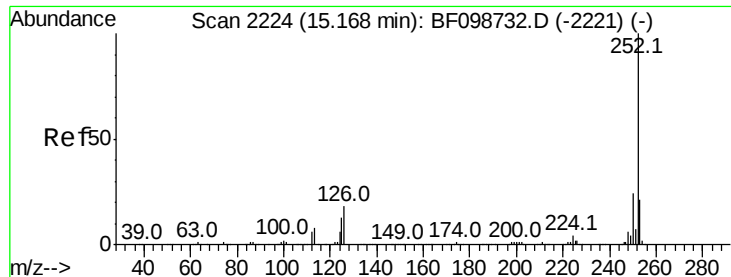
Tot Ion:264 Resp: 159588
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 20.6 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 48.220 ng
 RT: 15.07 min Scan# 2207
 Delta R.T. 0.02 min
 Lab File: BF099484.D
 Acq: 14 Oct 2017 18:40

Tgt Ion:252 Resp: 473138
 Ion Ratio Lower Upper
 252 100
 253 21.0 17.0 25.6
 125 12.2 9.0 13.6

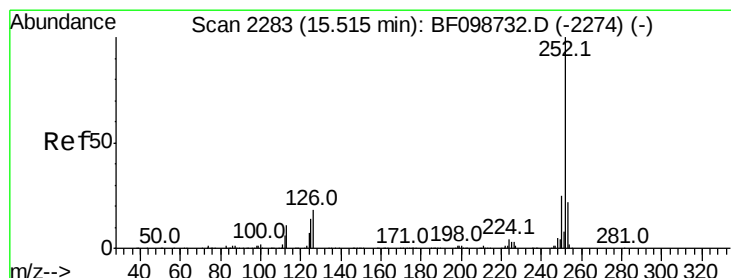
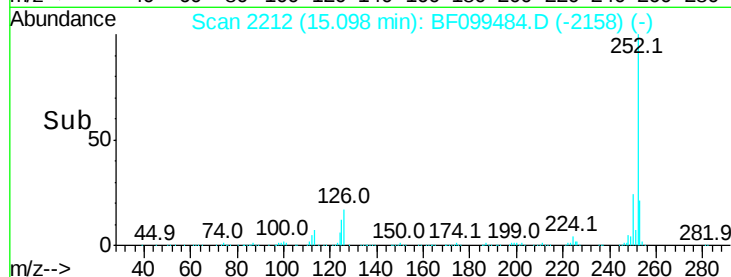
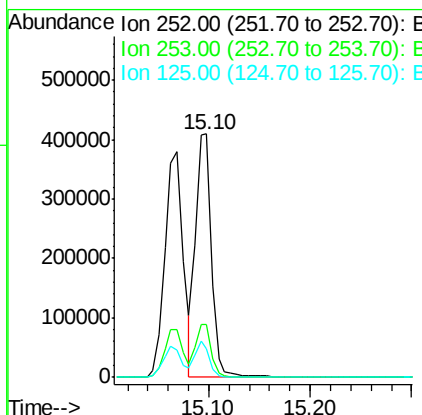
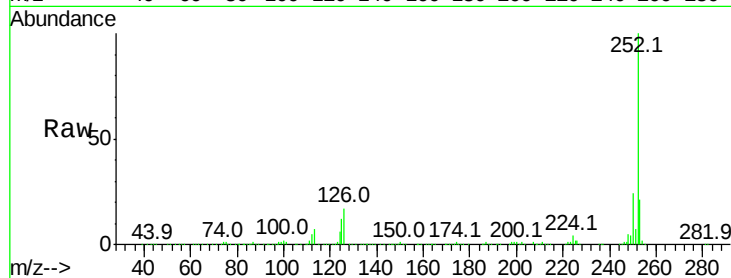




#88
Benzo(k)fluoranthene
Concen: 45.870 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.02 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

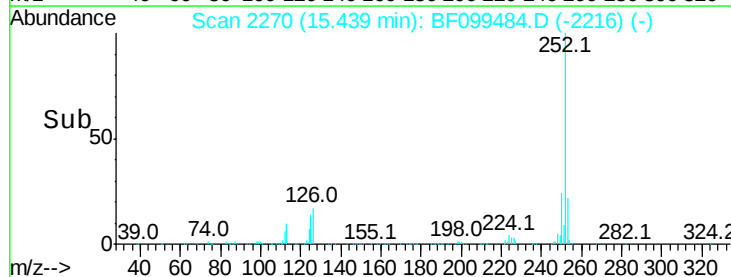
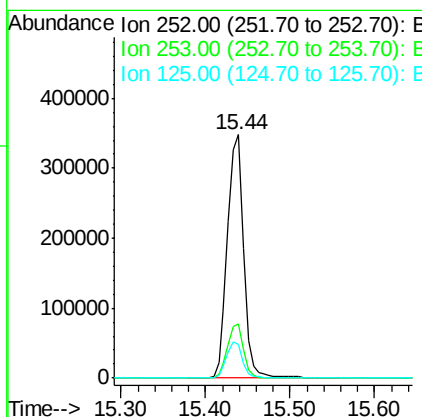
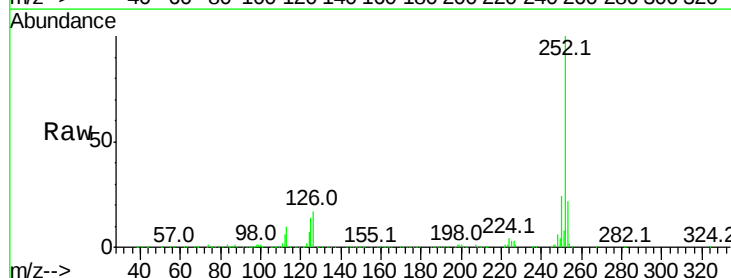
Instrument :
BNA_F
ClientSampled :

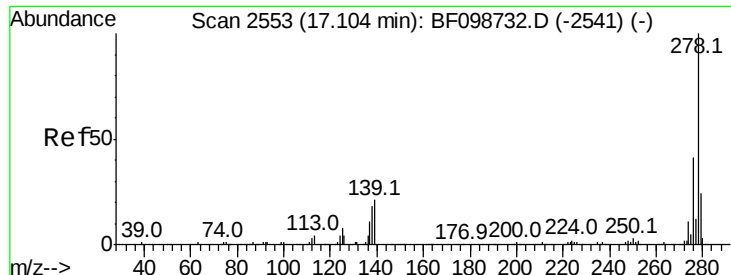
Tot Ion:252 Resp: 444544
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 51.512 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion:252 Resp: 463956
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.7 9.8 14.6

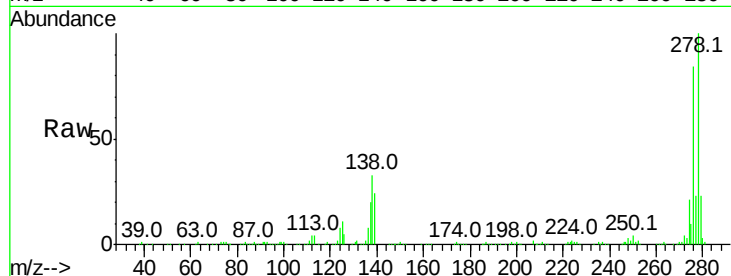




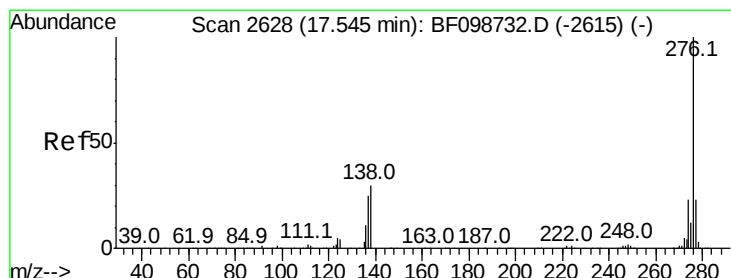
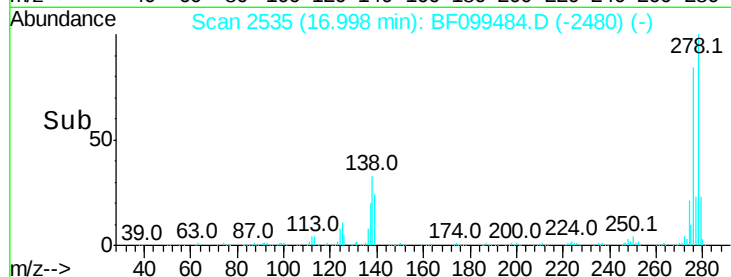
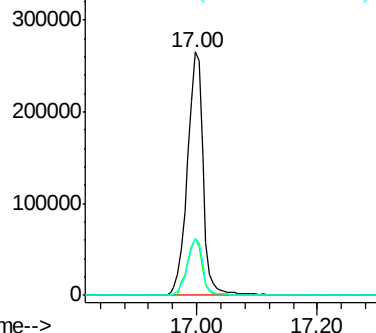
#90
Dibenzo(a,h)anthracene
Concen: 66.462 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.6	15.9	23.9
279	23.5	19.0	28.4

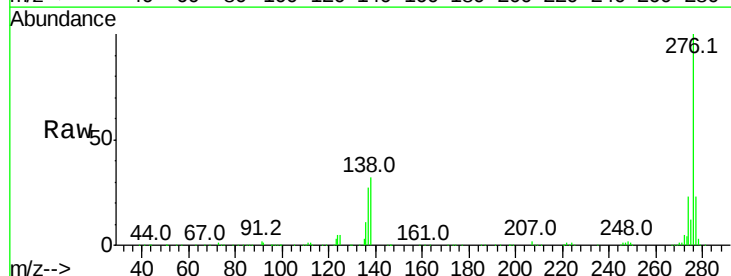


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 71.810 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.03 min
Lab File: BF099484.D
Acq: 14 Oct 2017 18:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	17.9	26.9
138	31.5	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

