

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099910.D
 Acq On : 28 Oct 2017 11:46
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:54:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100821	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	404722	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	182059	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	308332	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	197313	20.00	ng	-0.02
86) Perylene-d12	15.43	264	164547	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	494727	77.04	ng	-0.01
7) Phenol-d6	6.43	99	565346	74.25	ng	0.00
23) Nitrobenzene-d5	7.36	82	468034	74.45	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122775	74.00	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	928814	78.71	ng	-0.01
78) Terphenyl-d14	12.90	244	754957	83.62	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	106971	37.721	ng	# 86
3) Pyridine	3.28	79	255055	37.400	ng	# 87
4) n-Nitrosodimethylamine	3.25	42	90958	37.334	ng	# 75
6) Aniline	6.46	93	368272	37.300	ng	98
8) 2-Chlorophenol	6.57	128	259921	37.976	ng	93
9) Benzaldehyde	6.35	77	161525	35.499	ng	93
10) Phenol	6.45	94	312773	37.412	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	243496	37.716	ng	93
12) 1,3-Dichlorobenzene	6.80	146	296995	38.646	ng	96
13) 1,4-Dichlorobenzene	6.80	146	296995	38.078	ng	97
14) 1,2-Dichlorobenzene	6.96	146	269914	37.971	ng	96
15) Benzyl Alcohol	6.94	79	176690	36.487	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	265044	36.957	ng	# 22
17) 2-Methylphenol	7.05	107	210574	36.781	ng	98
18) Hexachloroethane	7.29	117	97613	37.513	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	162854	36.496	ng	90
20) 3+4-Methylphenols	7.20	107	252901	37.938	ng	# 62
22) Acetophenone	7.20	105	344998	37.438	ng	# 98
24) Nitrobenzene	7.38	77	237780	37.540	ng	89
25) Isophorone	7.62	82	415975	36.466	ng	96
26) 2-Nitrophenol	7.69	139	141378	38.970	ng	# 85
27) 2,4-Dimethylphenol	7.73	122	204309	38.222	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	299501	37.490	ng	99
29) 2,4-Dichlorophenol	7.94	162	216877	39.057	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	228038	38.435	ng	99
31) Naphthalene	8.09	128	741329	37.946	ng	100
32) Benzoic acid	7.90	122	165399	35.154	ng	91
33) 4-Chloroaniline	8.15	127	306769	38.027	ng	# 94
34) Hexachlorobutadiene	8.20	225	117591	38.532	ng	99
35) Caprolactam	8.53	113	62943	36.045	ng	# 82
36) 4-Chloro-3-methylphenol	8.64	107	211202	37.264	ng	90
37) 2-Methylnaphthalene	8.78	142	491644	37.553	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	233897	39.778	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	46522	47.150	ng	98

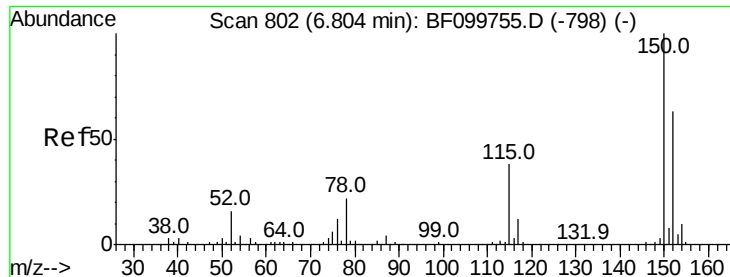
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
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Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	135924	38.216	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	140465	37.216	nq	95
45) 1,1'-Biphenyl	9.25	154	631299	38.330	nq	98
46) 2-Chloronaphthalene	9.27	162	457474	38.247	nq	96
47) 2-Nitroaniline	9.38	65	115350	36.744	nq	90
48) Acenaphthylene	9.69	152	699261	37.957	nq	99
49) Dimethylphthalate	9.55	163	513630	35.625	nq	100
50) 2,6-Dinitrotoluene	9.62	165	110490	36.454	nq	89
51) Acenaphthene	9.86	154	426819	37.918	nq	98
52) 3-Nitroaniline	9.80	138	131623	36.856	nq	90
53) 2,4-Dinitrophenol	9.92	184	31413	30.121	nq #	82
54) Dibenzofuran	10.03	168	595156	37.456	nq	97
55) 4-Nitrophenol	9.98	139	56638	30.353	nq #	79
56) 2,4-Dinitrotoluene	10.03	165	134193	36.764	nq	96
57) Fluorene	10.37	166	489085	37.176	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.16	232	100572	38.004	nq	91
59) Diethylphthalate	10.25	149	497499	35.335	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	229599	37.082	nq	94
61) 4-Nitroaniline	10.42	138	119671	35.122	nq	86
62) Azobenzene	10.53	77	424771	35.990	nq	88
64) 4,6-Dinitro-2-methylphenol	10.45	198	72790	37.556	nq #	74
65) n-Nitrosodiphenylamine	10.49	169	444803	39.080	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	128637	39.630	nq	94
67) Hexachlorobenzene	10.93	284	128868	38.806	nq #	91
68) Atrazine	11.02	200	127039	37.157	nq	98
69) Pentachlorophenol	11.13	266	46050	32.453	nq	98
70) Phenanthrene	11.34	178	658392	37.837	nq	98
71) Anthracene	11.39	178	674835	38.207	nq	99
72) Carbazole	11.56	167	622716	37.491	nq	98
73) Di-n-butylphthalate	11.87	149	746552	35.239	nq	98
74) Fluoranthene	12.53	202	636408	35.193	nq	98
76) Benzdine	12.66	184	296334	34.322	nq	99
77) Pyrene	12.76	202	647264	43.141	nq	99
79) Butylbenzylphthalate	13.37	149	283258	38.339	nq	86
80) Benzo(a)anthracene	13.96	228	473765	37.876	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	170514	37.554	nq	100
82) Chrysene	13.99	228	446436	37.964	nq	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	365705	35.247	nq	97
84) Di-n-octyl phthalate	14.53	149	599453	33.662	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.90	276	380380	35.235	nq	97
87) Benzo(b)fluoranthene	15.00	252	384028	36.960	nq	98
88) Benzo(k)fluoranthene	15.03	252	392739	40.085	nq	97
89) Benzo(a)pyrene	15.37	252	360684	38.644	nq	98
90) Dibenzo(a,h)anthracene	16.90	278	321658	38.785	nq	98
91) Benzo(g,h,i)perylene	17.34	276	320699	39.525	nq	97

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

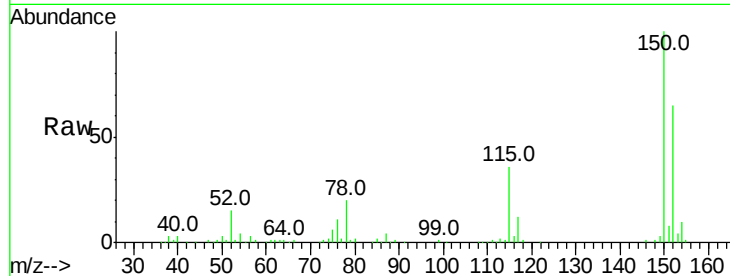


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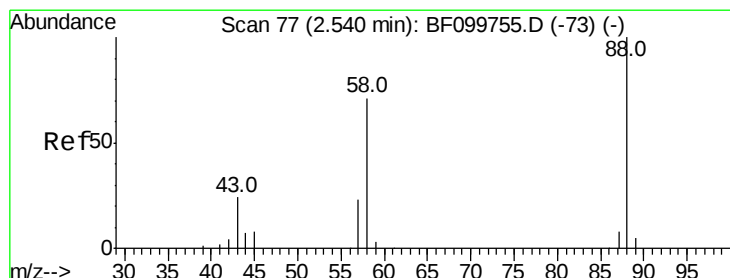
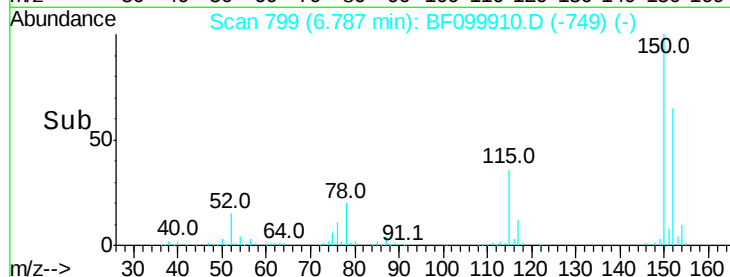
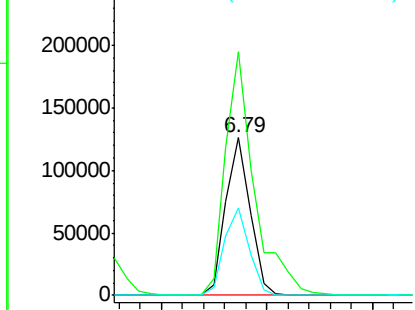
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100821
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 55.7 50.1 75.1



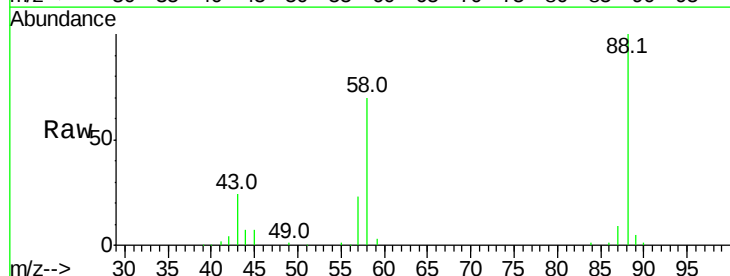
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



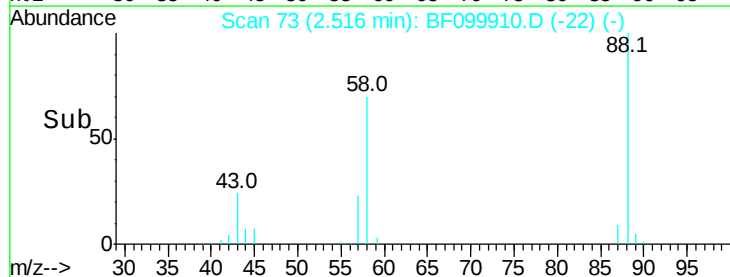
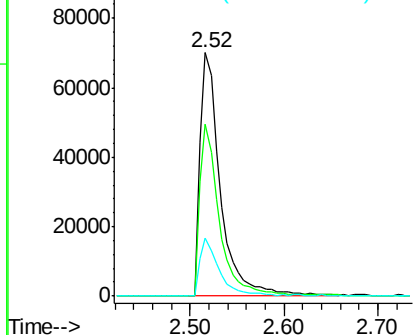
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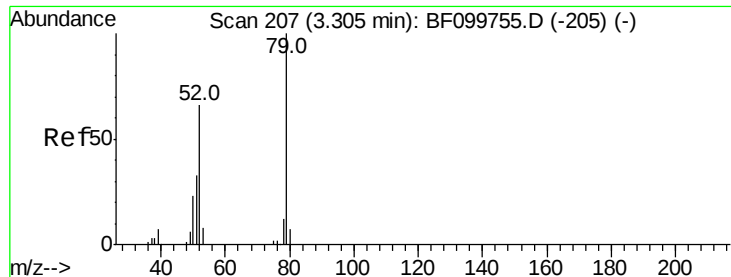
1,4-Dioxane
Concen: 37.721 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 88 Resp: 106971
Ion Ratio Lower Upper
88 100
58 66.9 62.6 93.8
43 22.3 24.6 37.0#



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



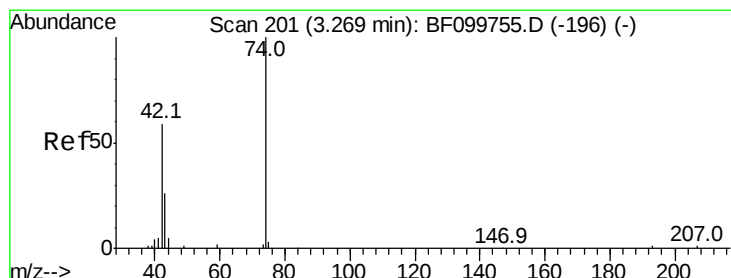
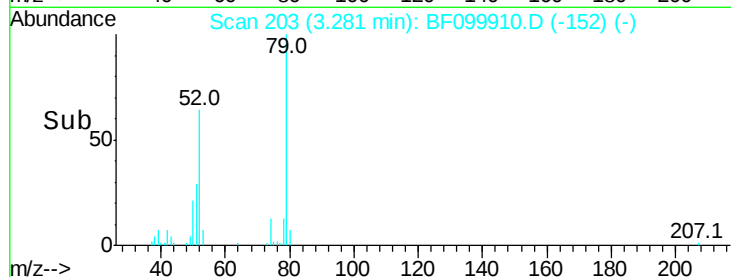
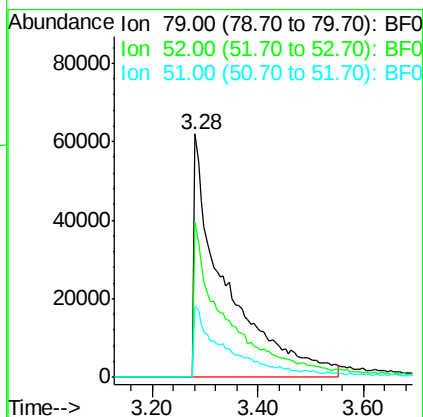
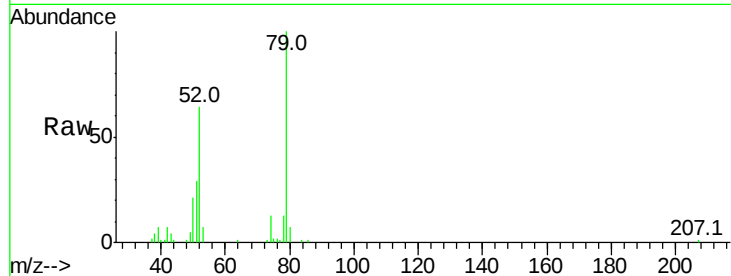


#3
Pvridine
Concen: 37.400 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.00 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 255055

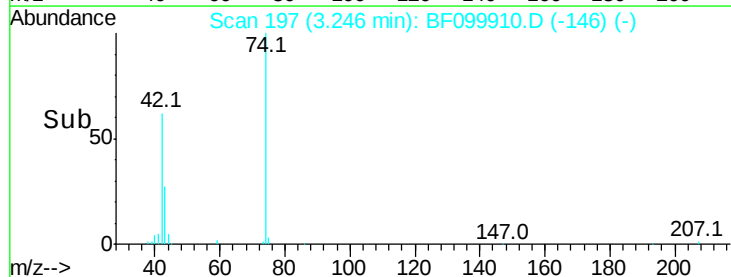
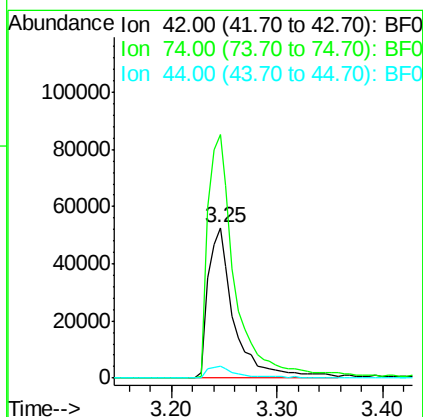
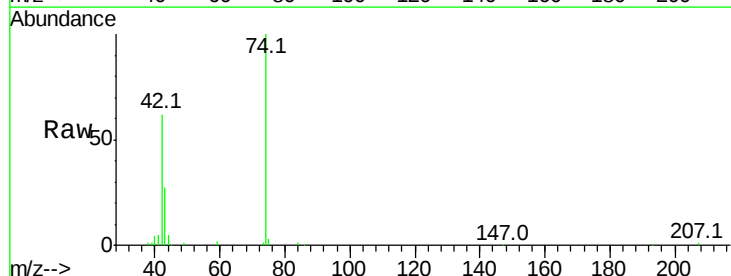
Ion	Ratio	Lower	Upper
79	100		
52	64.0	59.8	89.6
51	29.0	29.8	44.8#

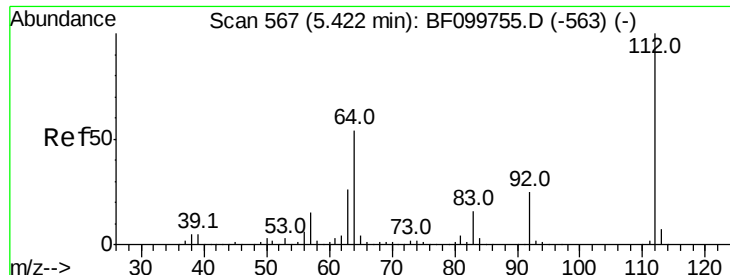


#4
n-Nitrosodimethylamine
Concen: 37.334 ng
RT: 3.25 min Scan# 197
Delta R.T. 0.00 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 42 Resp: 90958

Ion	Ratio	Lower	Upper
42	100		
74	161.5	104.9	157.3#
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 77.038 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampled :

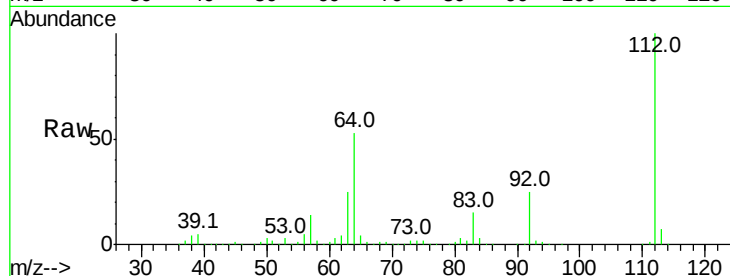
Tot Ion:112 Resp: 494727

Ion Ratio Lower Upper

112 100

64 52.7 47.9 71.9

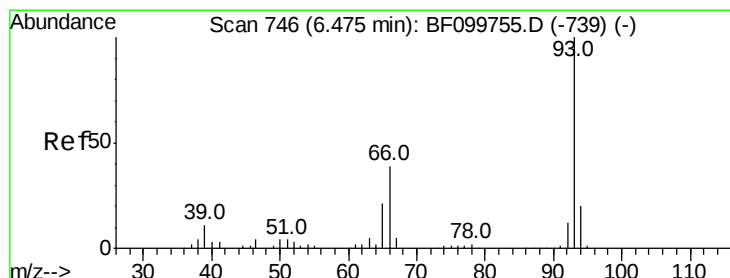
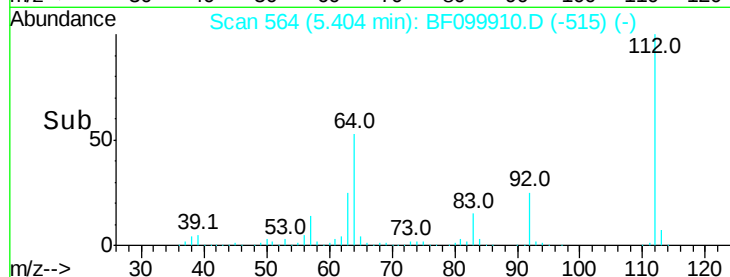
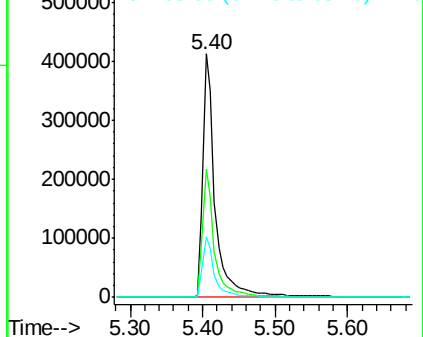
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.300 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

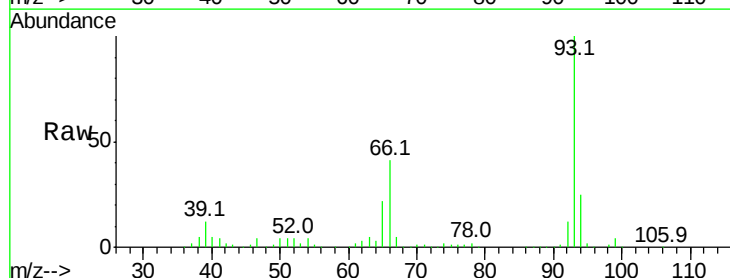
Tgt Ion: 93 Resp: 368272

Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

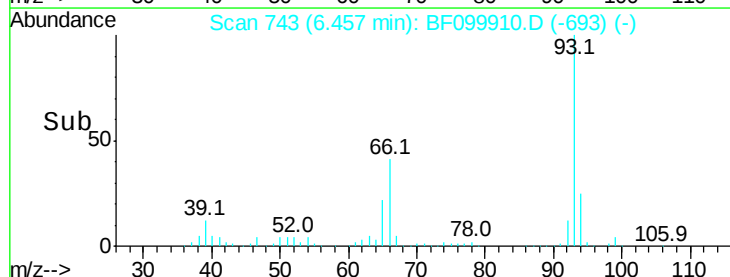
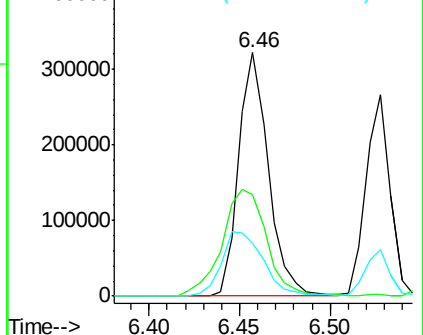
65 21.6 16.4 24.6

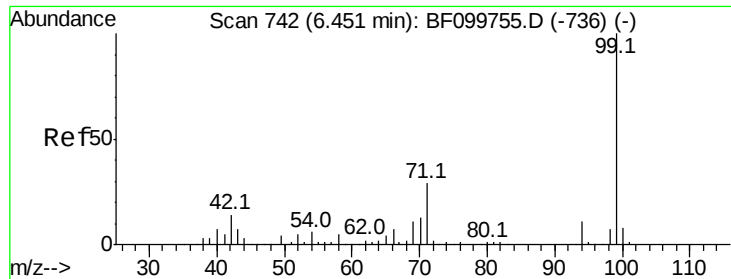


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.246 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

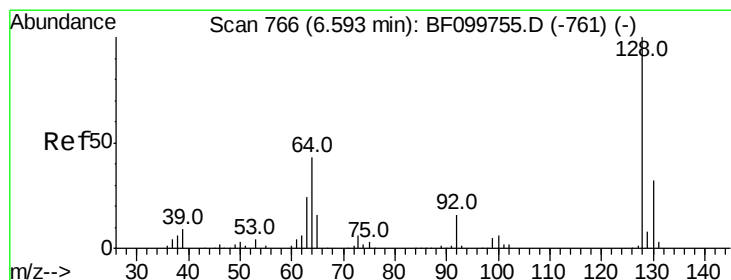
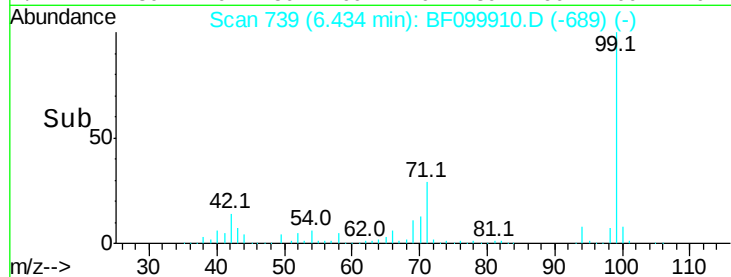
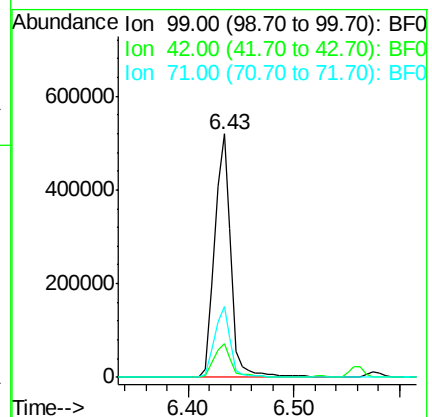
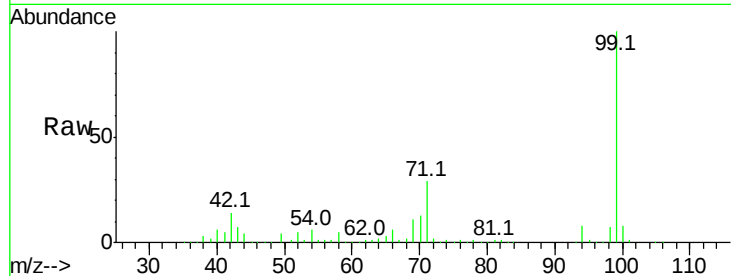
Tot Ion: 99 Resp: 565346

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

71 29.0 25.4 38.0



#8

2-Chlorophenol

Concen: 37.976 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

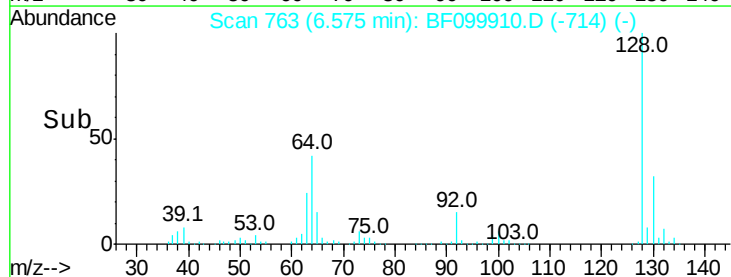
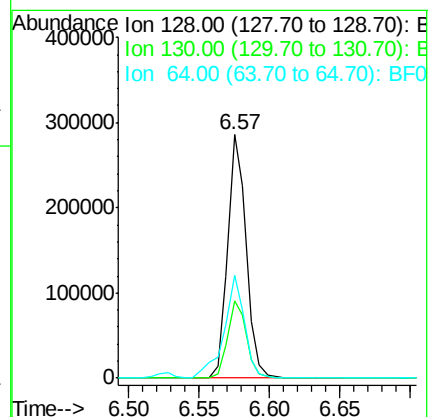
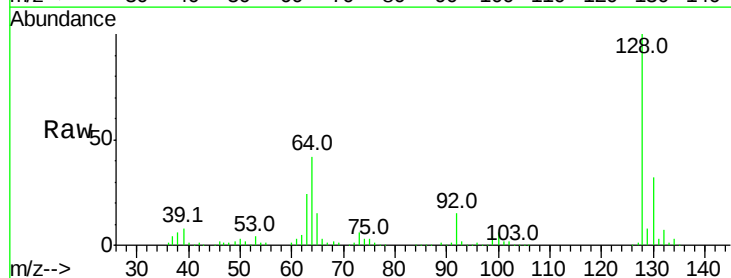
Tgt Ion: 128 Resp: 259921

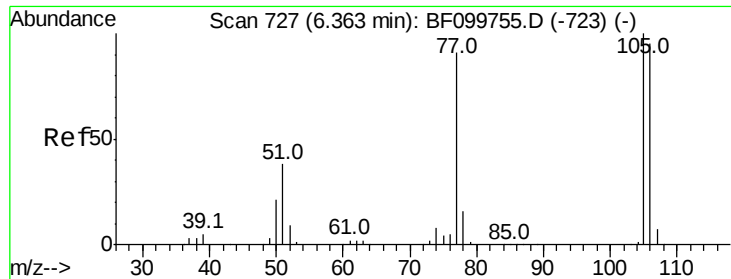
Ion Ratio Lower Upper

128 100

130 31.8 13.0 53.0

64 42.3 29.4 69.4

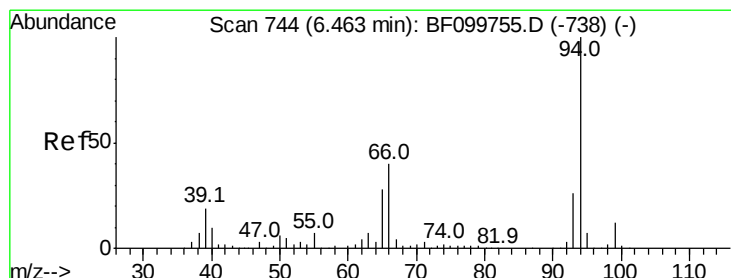
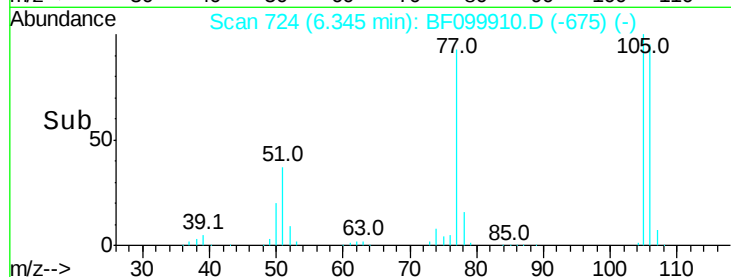
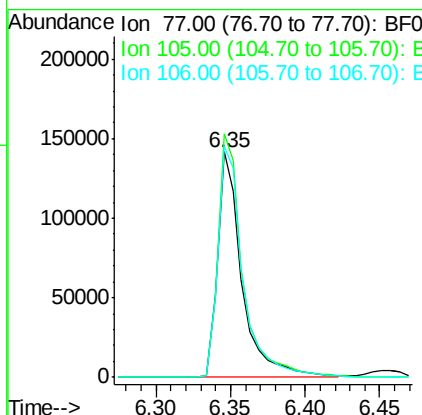
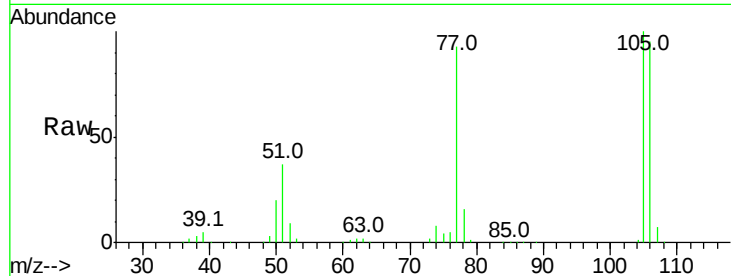




#9
Benzaldehyde
Concen: 35.499 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

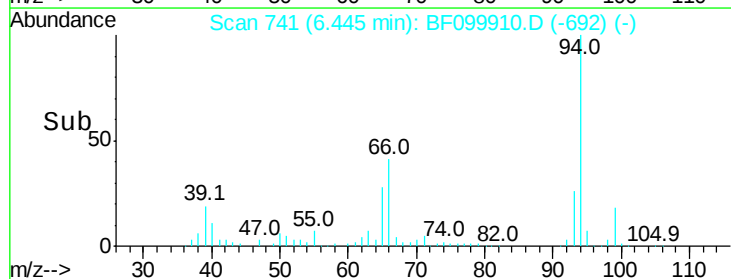
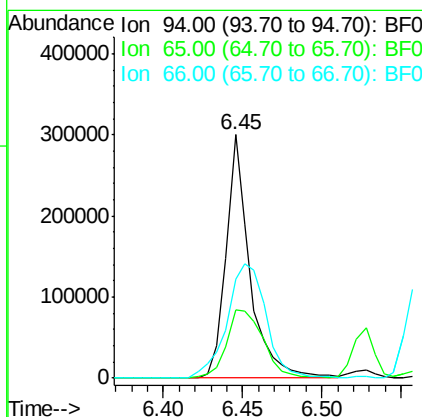
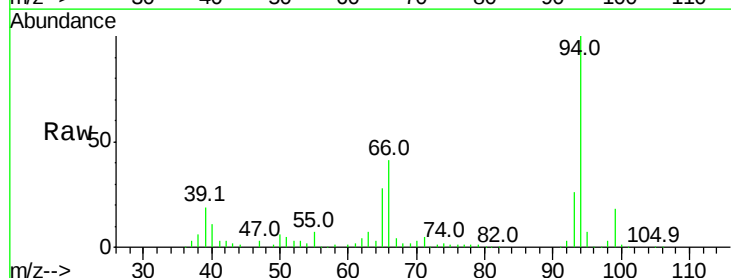
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 161525
Ion Ratio Lower Upper
77 100
105 107.9 81.1 121.1
106 102.4 74.5 114.5



#10
Phenol
Concen: 37.412 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 94 Resp: 312773
Ion Ratio Lower Upper
94 100
65 28.2 7.9 47.9
66 40.9 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 37.716 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

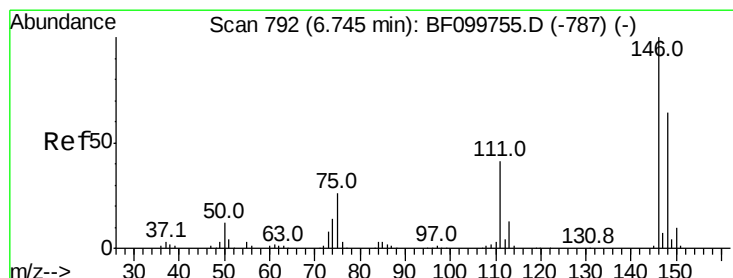
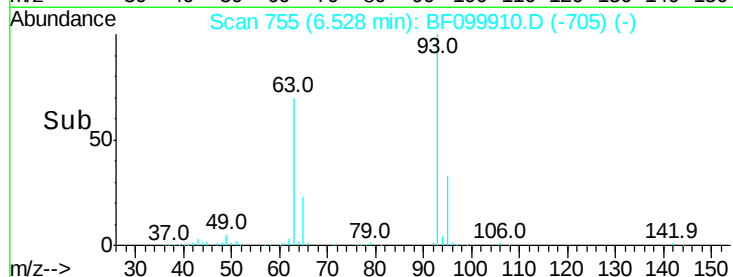
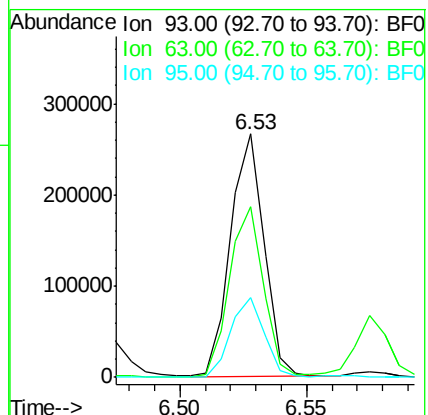
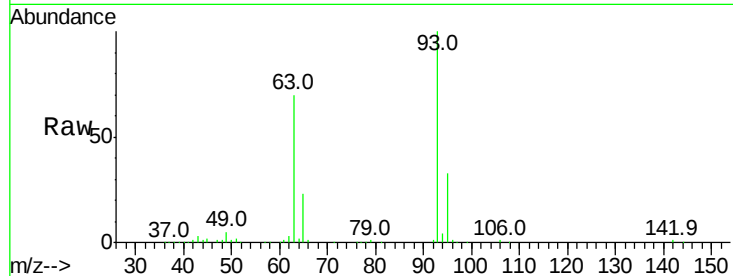
Tot Ion: 93 Resp: 243496

Ion Ratio Lower Upper

93 100

63 70.3 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 38.646 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.07 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

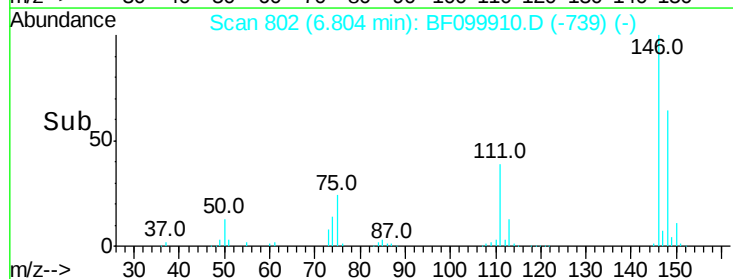
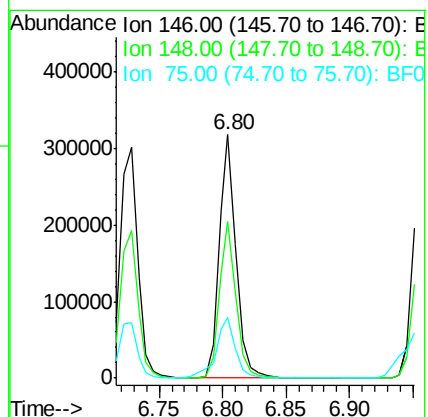
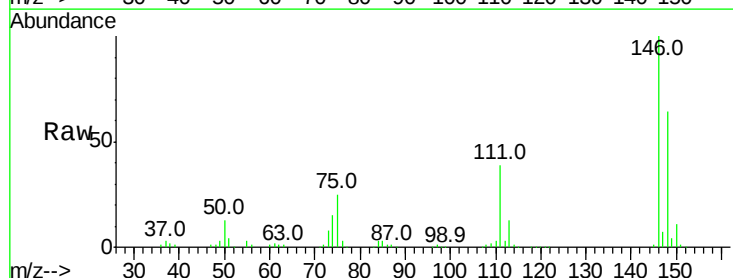
Tgt Ion: 146 Resp: 296995

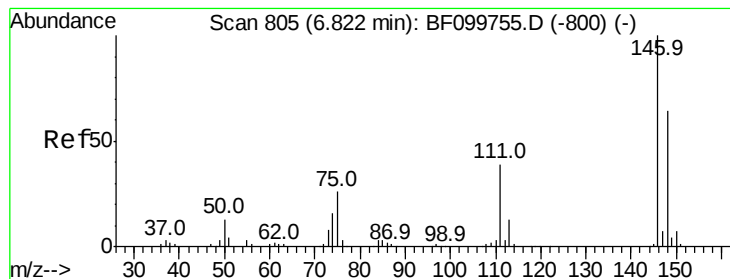
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

75 24.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 38.078 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

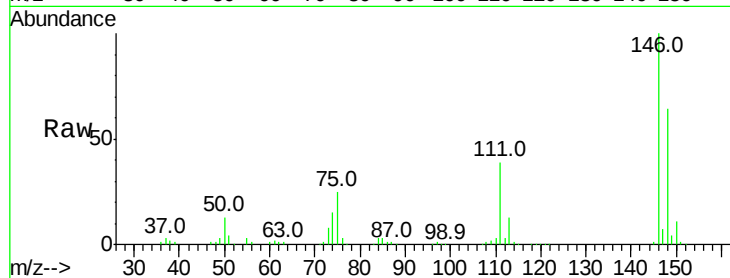
Tot Ion:146 Resp: 296995

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

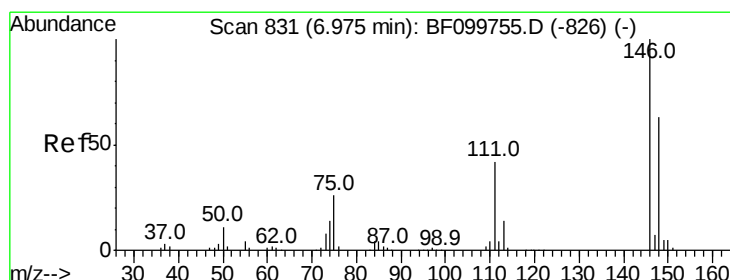
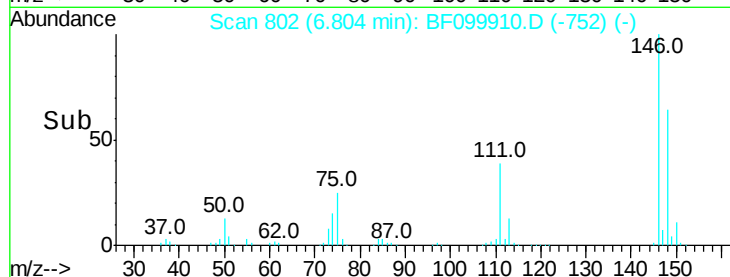
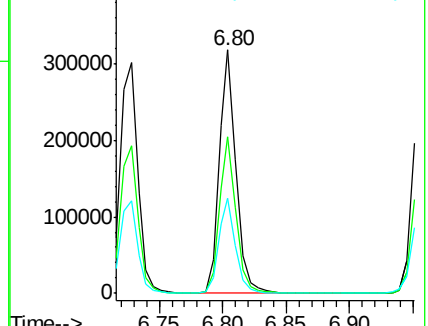
111 38.9 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.971 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

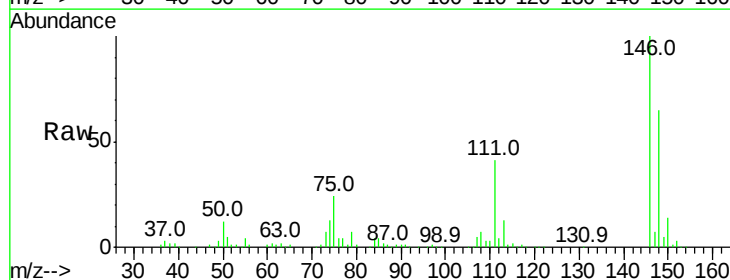
Tgt Ion:146 Resp: 269914

Ion Ratio Lower Upper

146 100

148 65.0 50.6 75.8

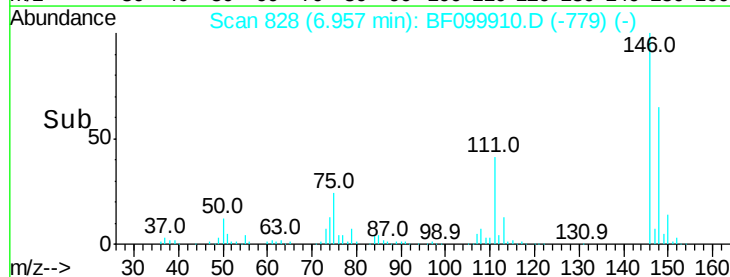
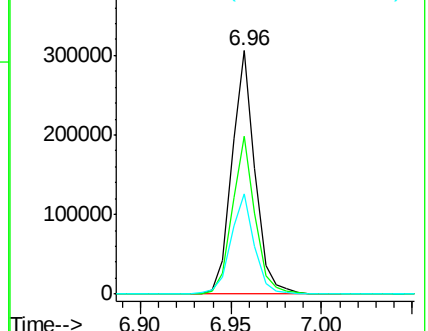
111 41.3 36.0 54.0

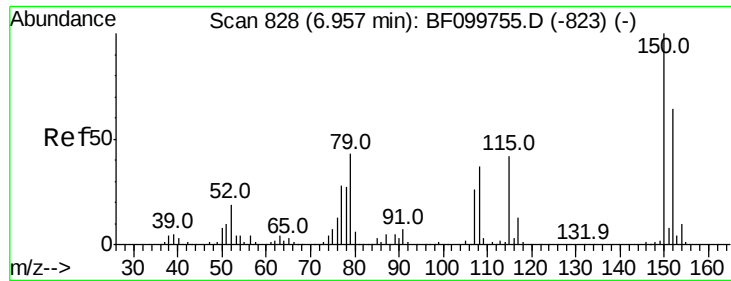


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

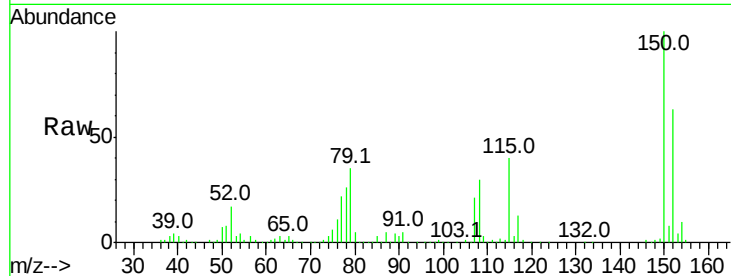




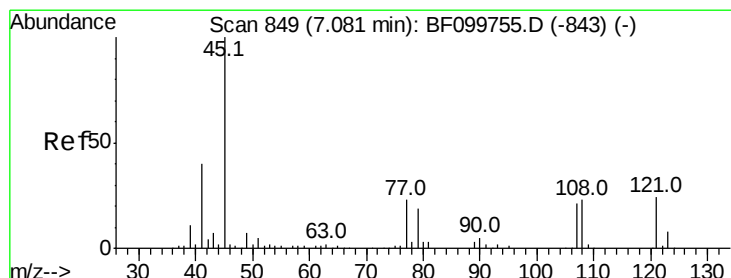
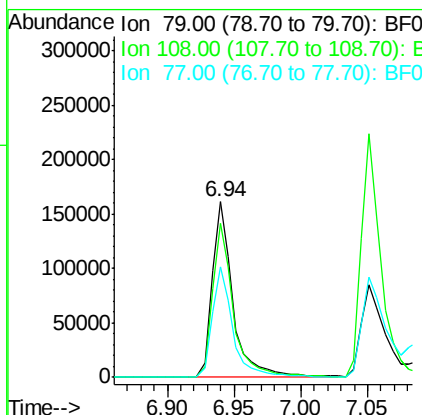
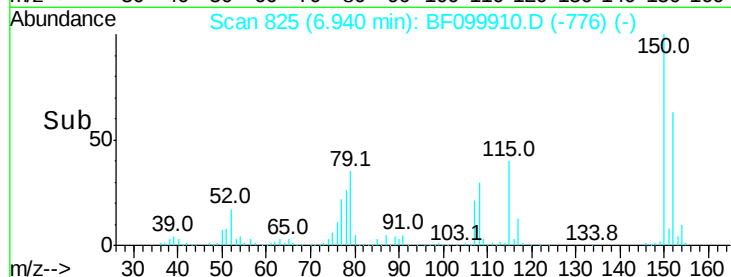
#15
Benzyl Alcohol
Concen: 36.487 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 176690
Ion Ratio Lower Upper
79 100
108 87.7 65.1 97.7
77 62.8 50.6 75.8

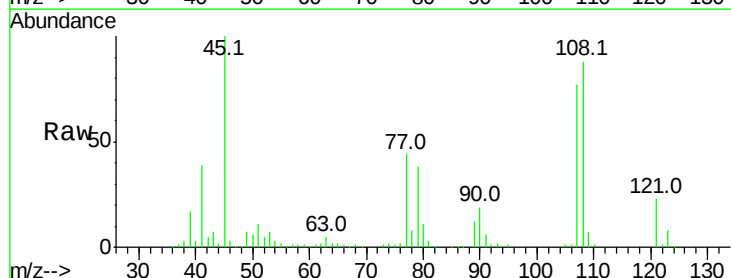


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

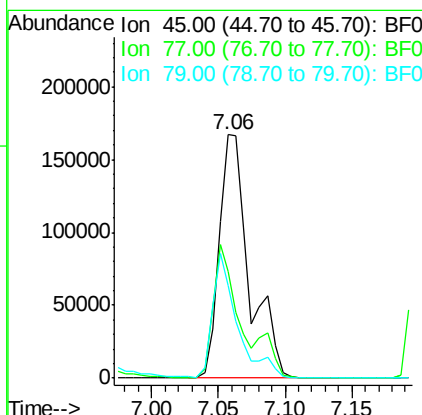
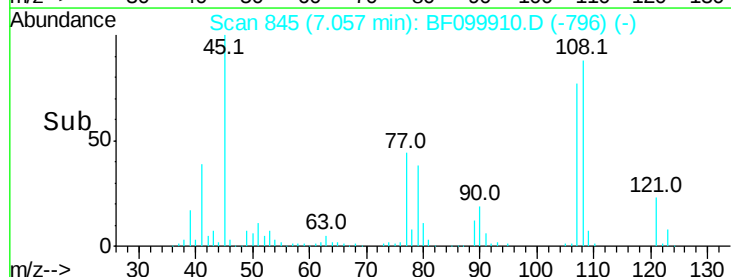


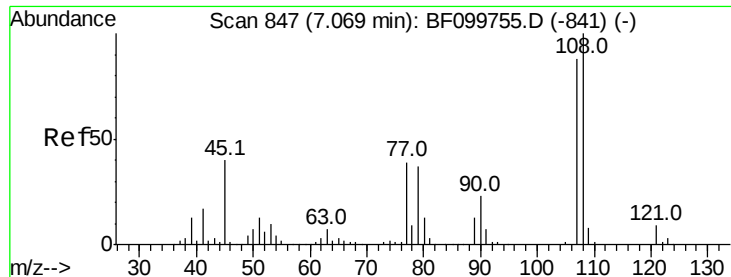
#16
2,2'-oxybis(1-chloropropane)
Concen: 36.957 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 45 Resp: 265044
Ion Ratio Lower Upper
45 100
77 43.8 0.0 32.9#
79 38.2 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.781 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 210574

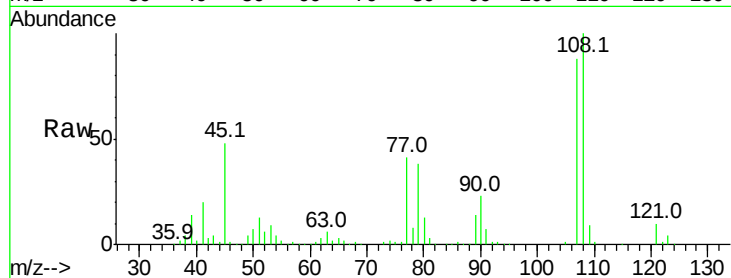
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 46.6 33.8 50.8

79 43.1 33.8 50.8

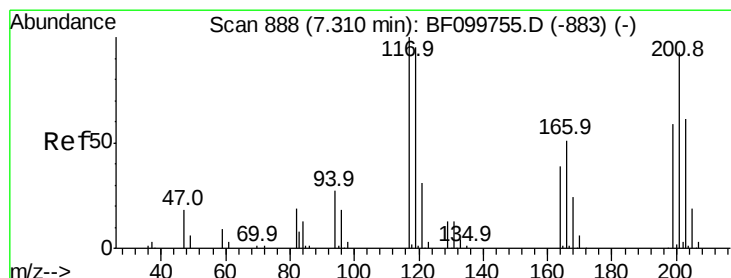
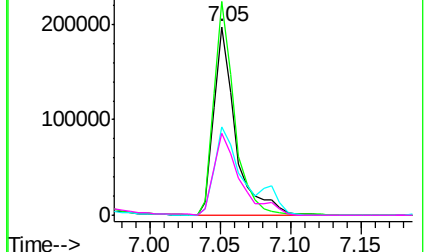
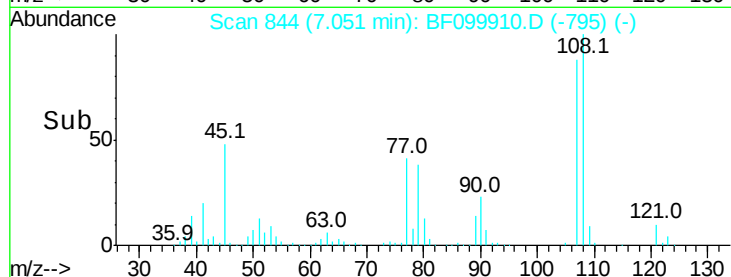


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.513 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

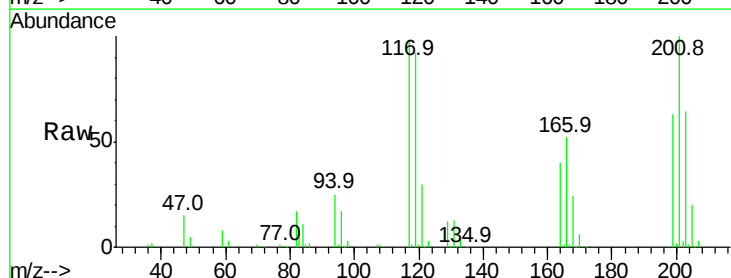
Tgt Ion:117 Resp: 97613

Ion Ratio Lower Upper

117 100

119 93.7 75.8 113.8

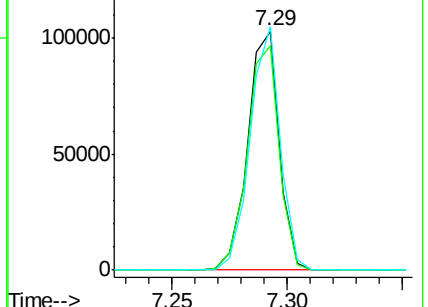
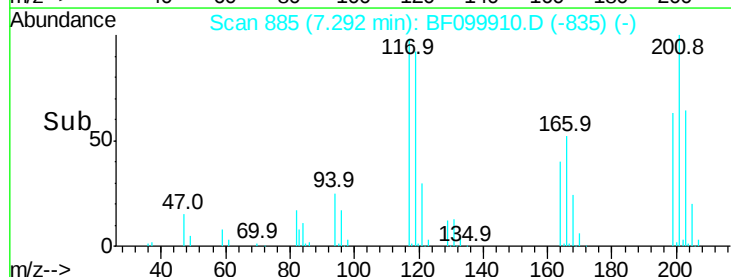
201 101.8 75.7 113.5

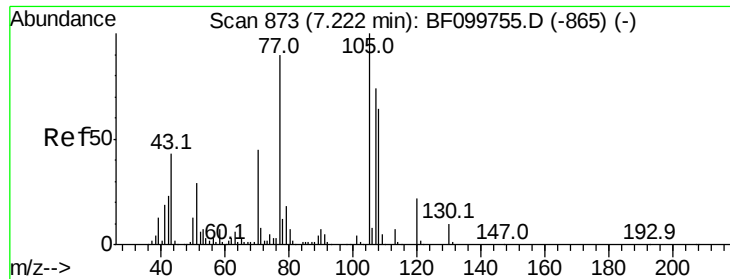


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

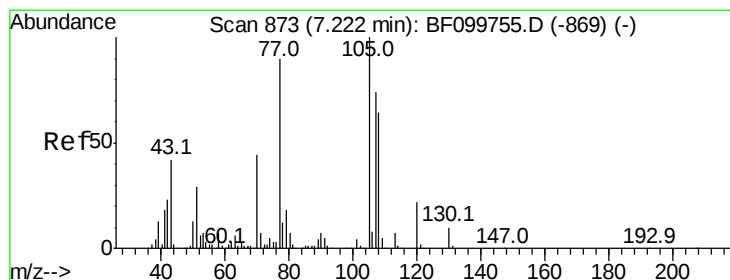
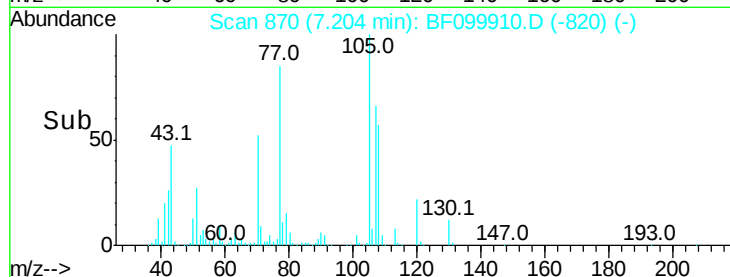
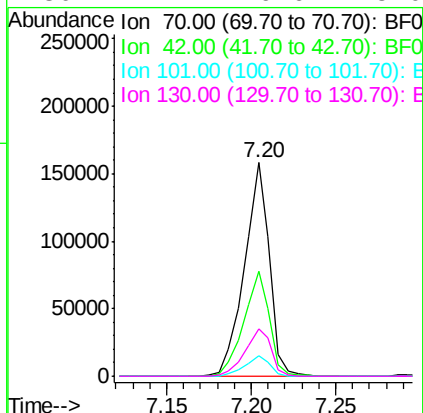
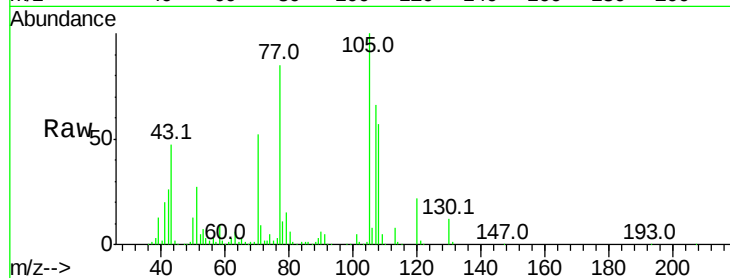




#19
n-Nitroso-di-n-propylamine
Concen: 36.496 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

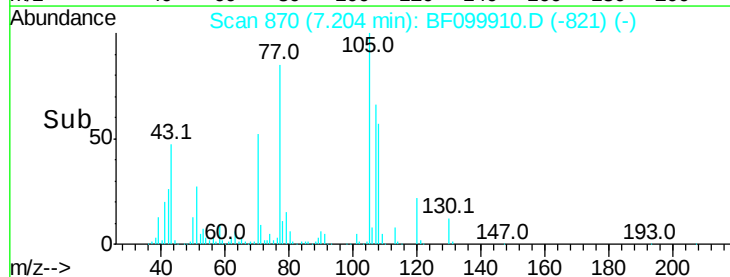
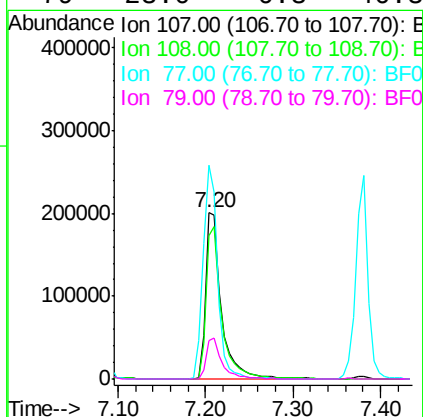
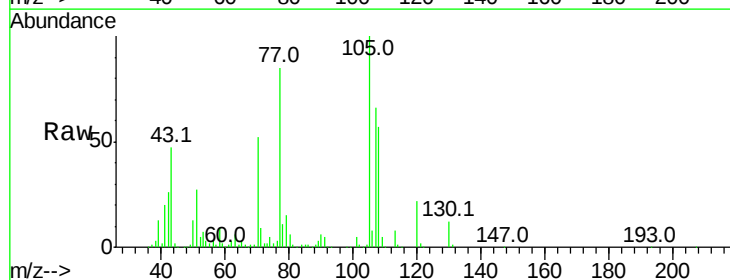
Instrument :
BNA_F
ClientSampled :

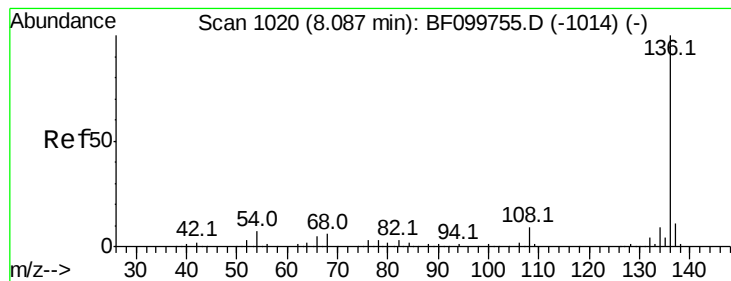
Tot Ion: 70 Resp: 162854
Ion Ratio Lower Upper
70 100
42 49.4 47.5 71.3
101 9.7 7.4 11.2
130 22.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 37.938 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 107 Resp: 252901
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 128.5 26.7 66.7#
79 23.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 404722

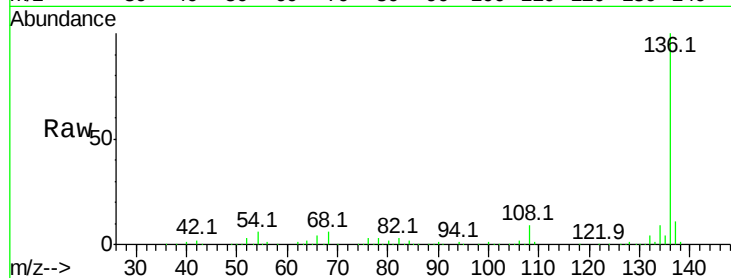
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.5 6.6 9.8#

68 5.5 5.0 7.4

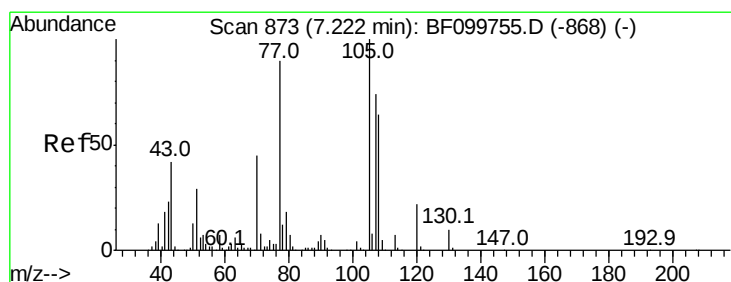
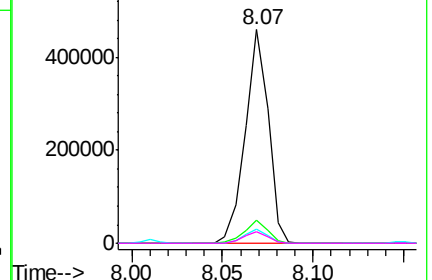
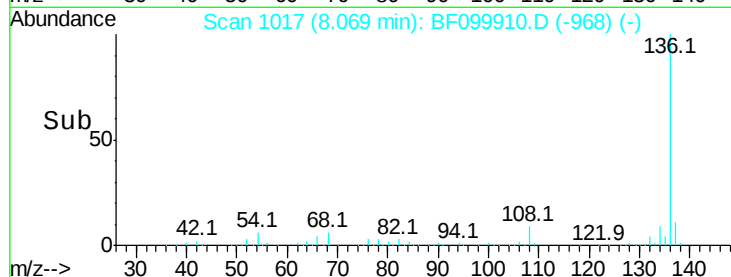


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.438 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Tgt Ion:105 Resp: 344998

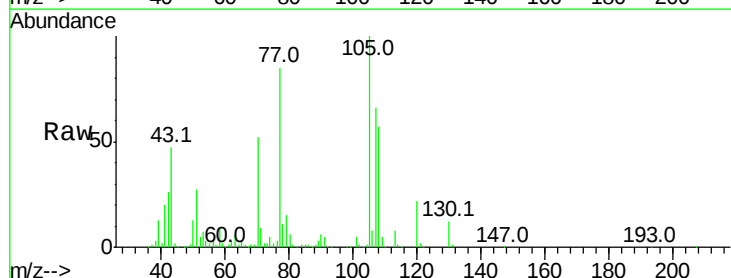
Ion Ratio Lower Upper

105 100

71 8.6 4.4 6.6#

51 26.8 22.3 33.5

120 21.7 16.9 25.3

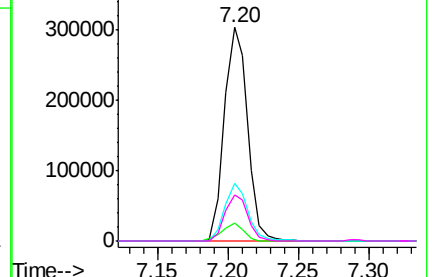
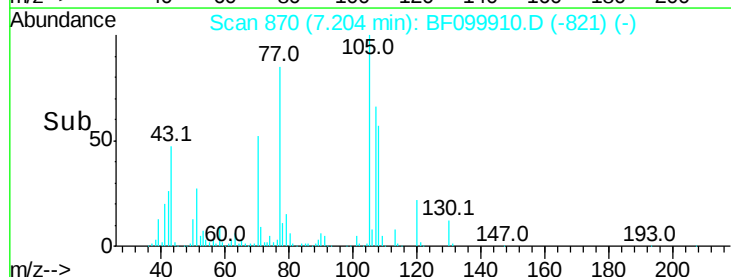


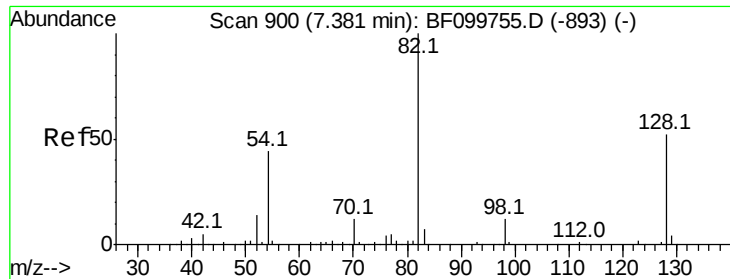
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

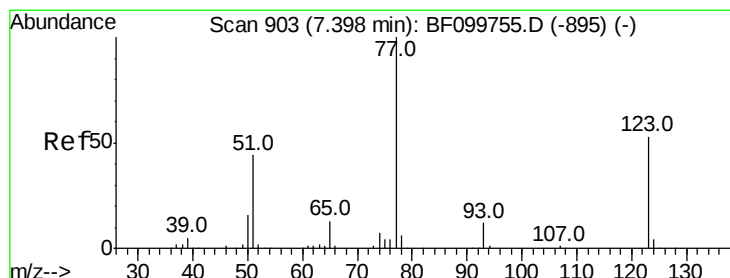
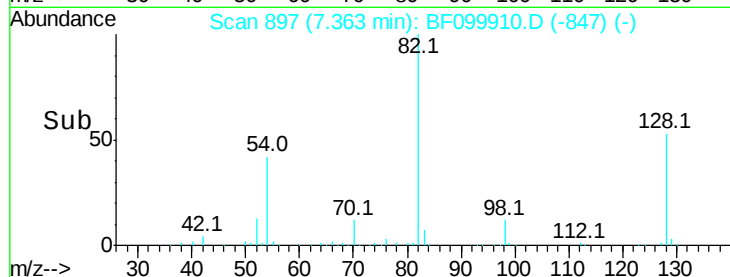
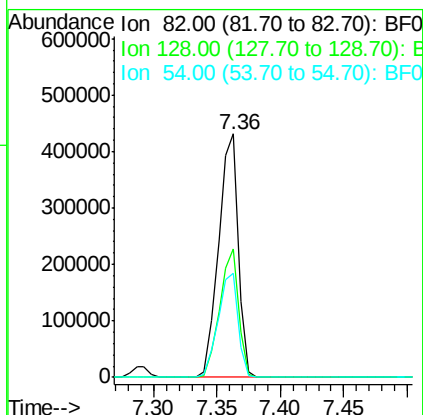
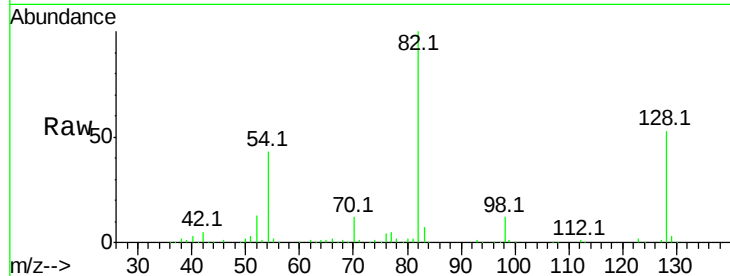




#23
Nitrobenzene-d5
Concen: 74.452 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

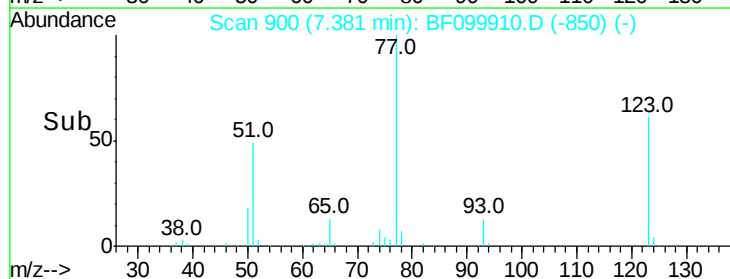
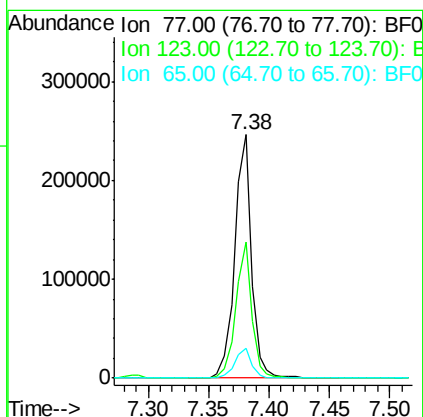
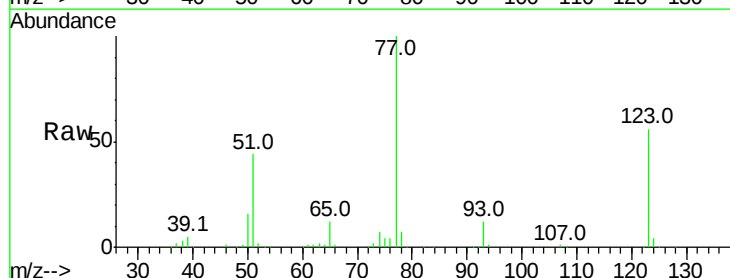
Instrument :
BNA_F
ClientSampleId :

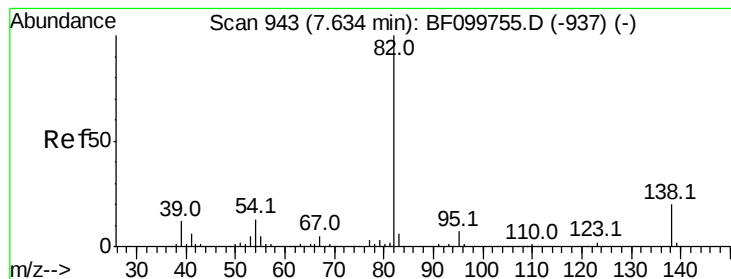
Tot Ion: 82 Resp: 468034
Ion Ratio Lower Upper
82 100
128 53.0 36.1 54.1
54 42.5 41.4 62.2



#24
Nitrobenzene
Concen: 37.540 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 77 Resp: 237780
Ion Ratio Lower Upper
77 100
123 56.1 37.9 56.9
65 12.1 11.0 16.4





#25

Isophorone

Concen: 36.466 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

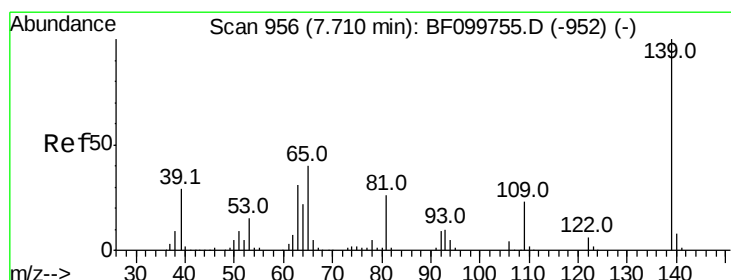
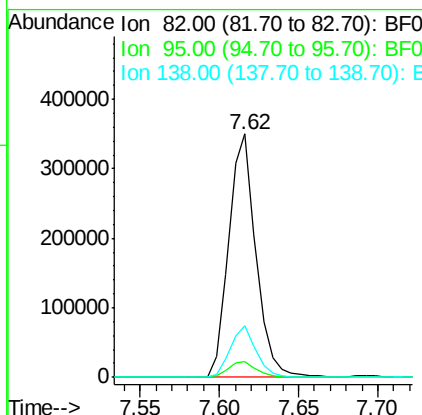
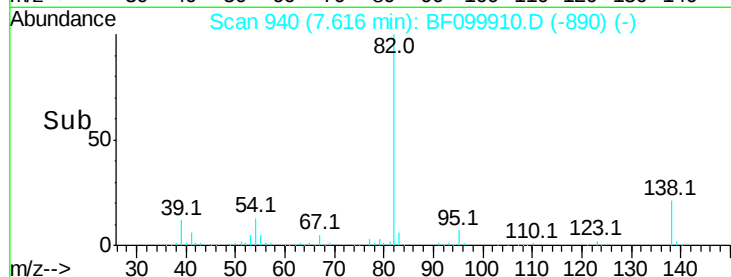
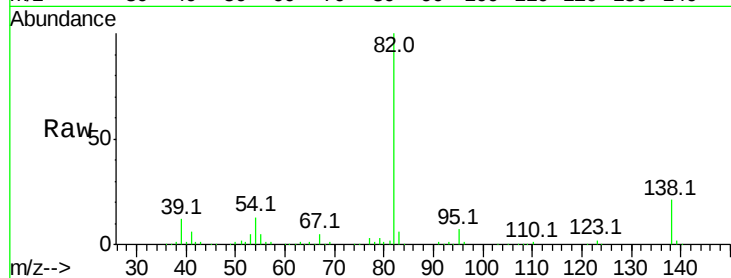
Tot Ion: 82 Resp: 415975

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 21.2 14.9 22.3



#26

2-Nitrophenol

Concen: 38.970 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

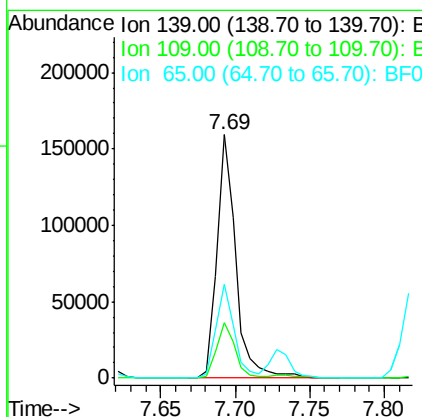
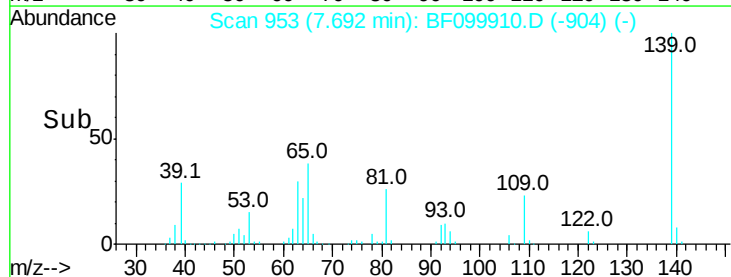
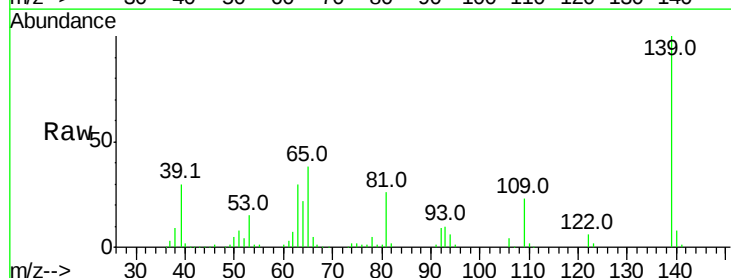
Tgt Ion: 139 Resp: 141378

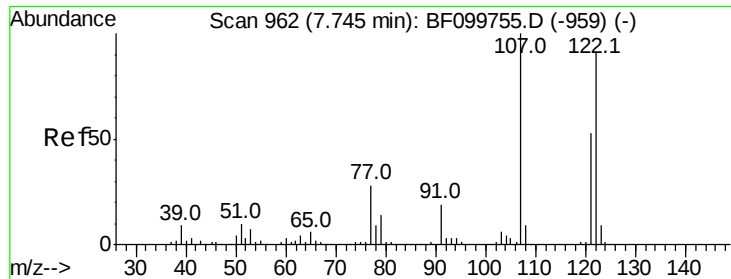
Ion Ratio Lower Upper

139 100

109 23.0 22.7 34.1

65 38.4 40.5 60.7#

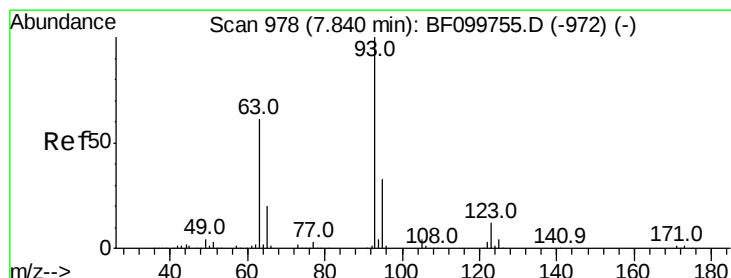
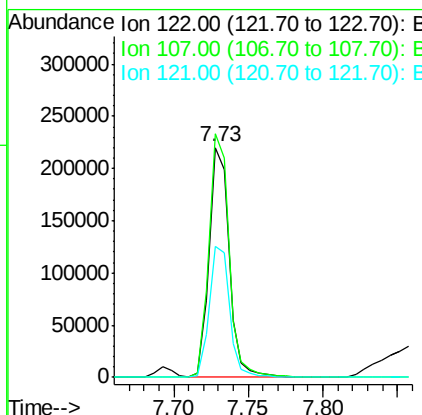
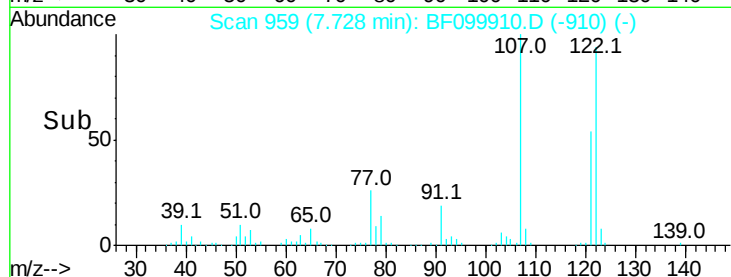
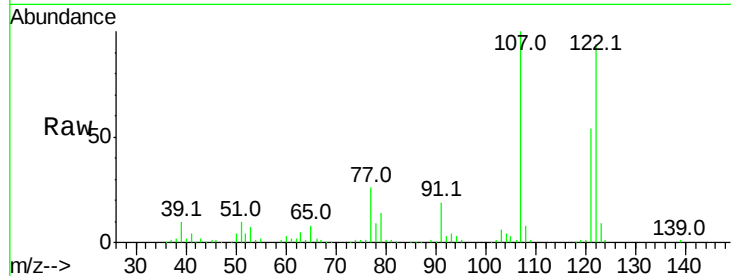




#27
 2,4-Dimethylphenol
 Concen: 38.222 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

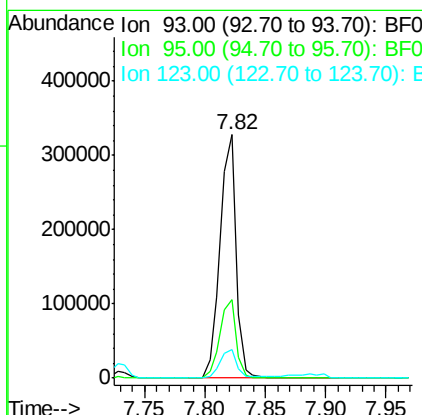
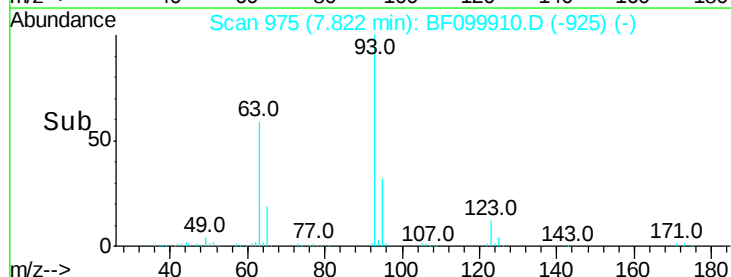
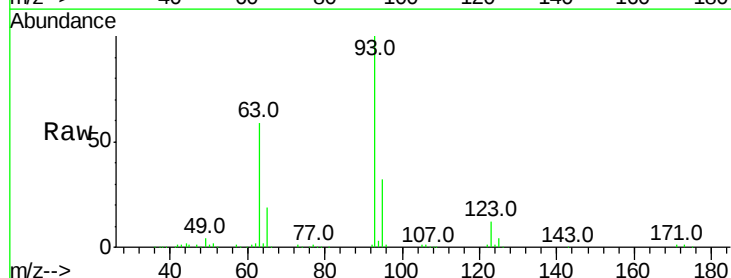
Instrument :
 BNA_F
 ClientSampleId :

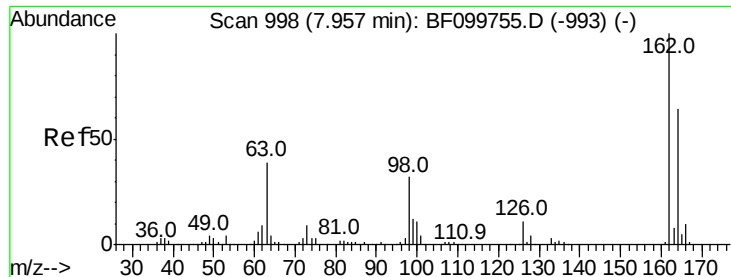
Tot Ion:122 Resp: 204309
 Ion Ratio Lower Upper
 122 100
 107 105.9 91.2 136.8
 121 57.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.490 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion: 93 Resp: 299501
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 11.9 9.8 14.6

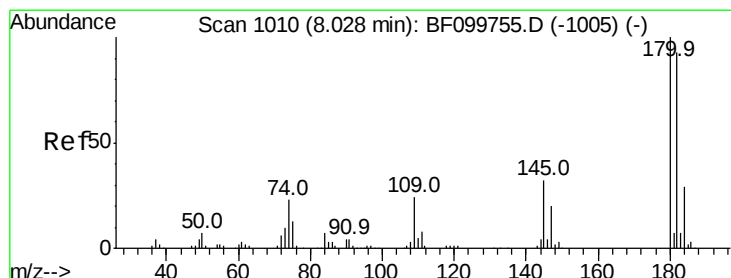
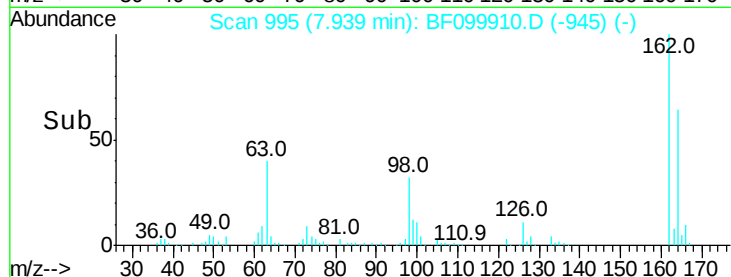
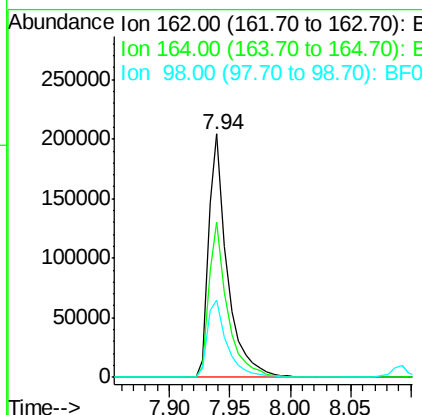
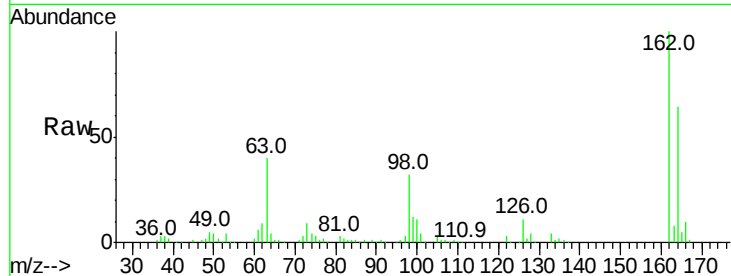




#29
 2,4-Dichlorophenol
 Concen: 39.057 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

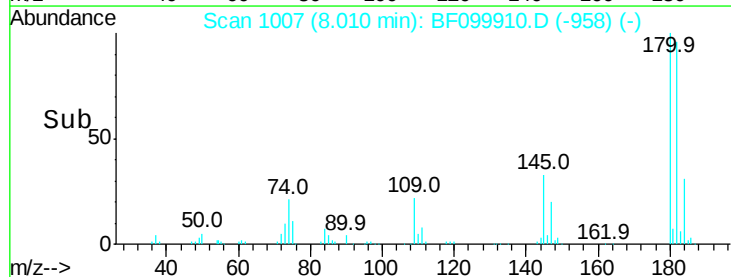
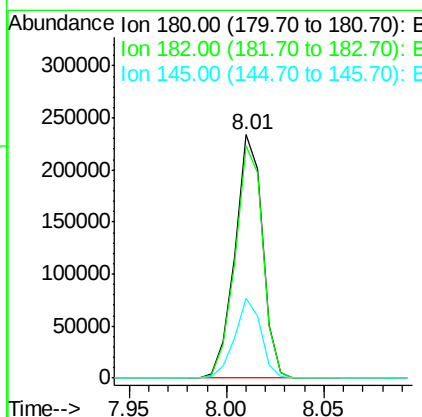
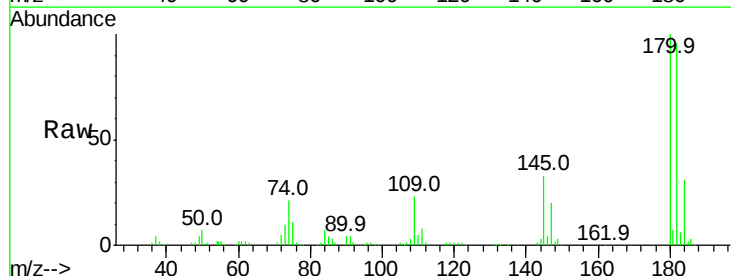
Instrument :
 BNA_F
 ClientSampleId :

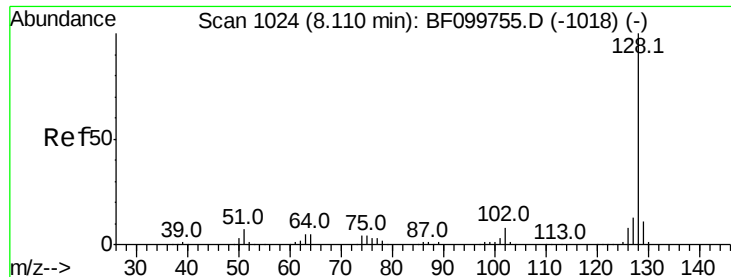
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	31.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.435 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.8	115.2
145	32.5	26.5	39.7

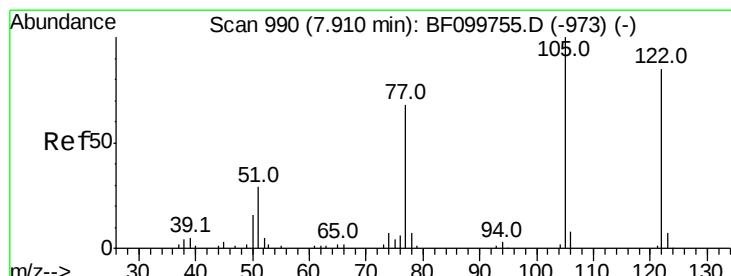
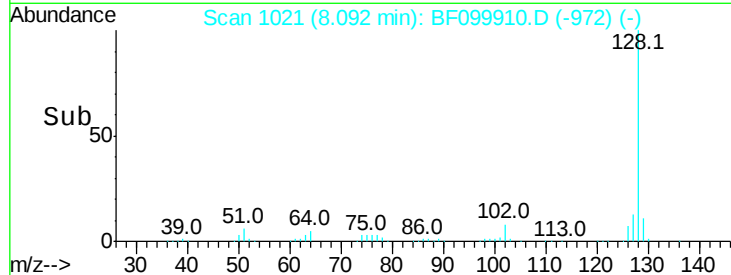
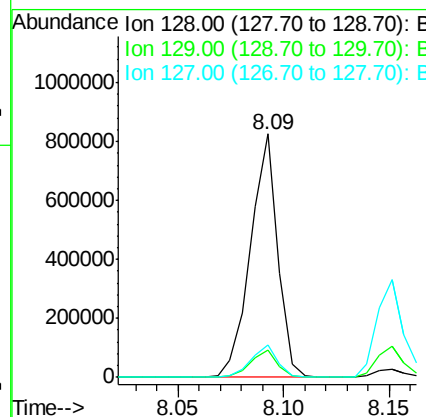
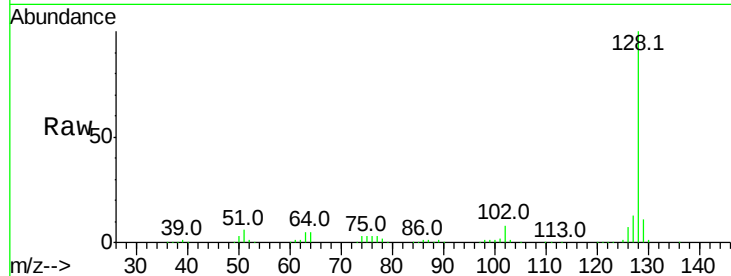




#31
Naphthalene
Concen: 37.946 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

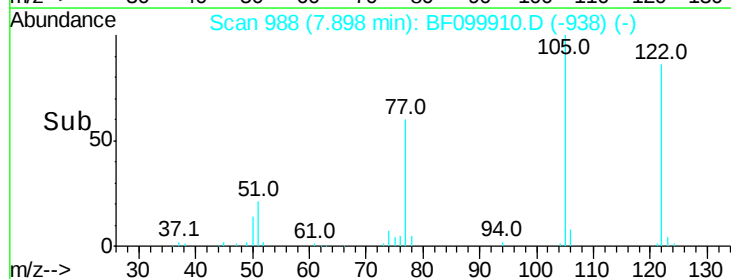
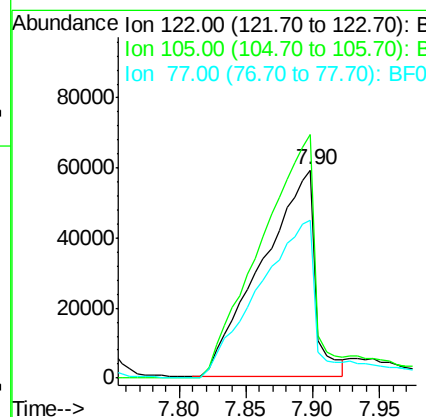
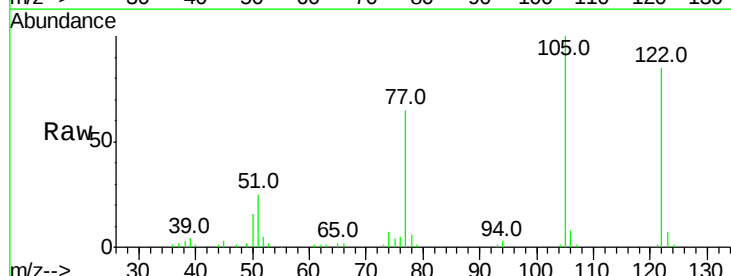
Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 741329
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 35.154 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:122 Resp: 165399
Ion Ratio Lower Upper
122 100
105 117.1 101.1 141.1
77 76.1 70.7 110.7

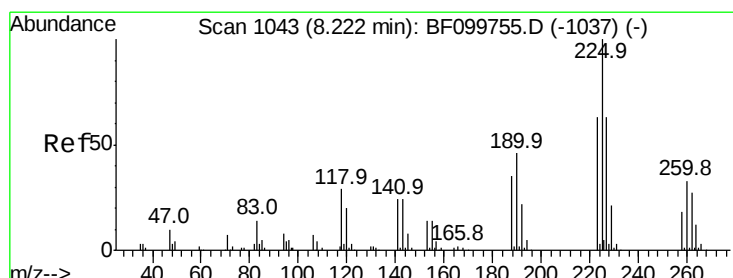
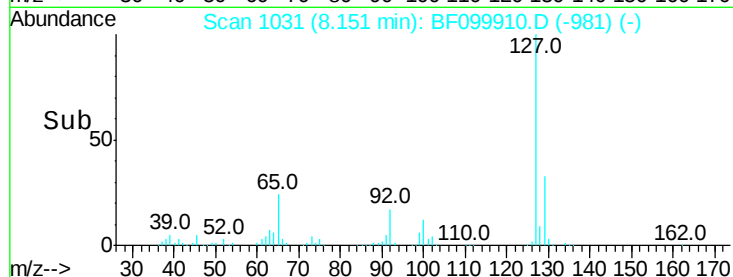
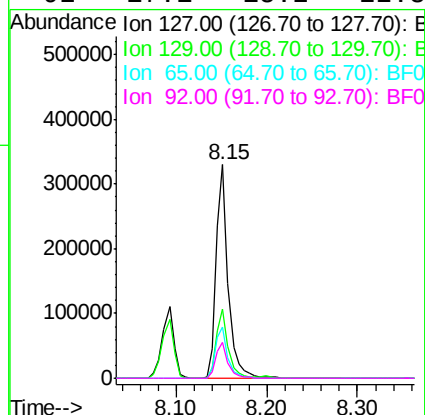
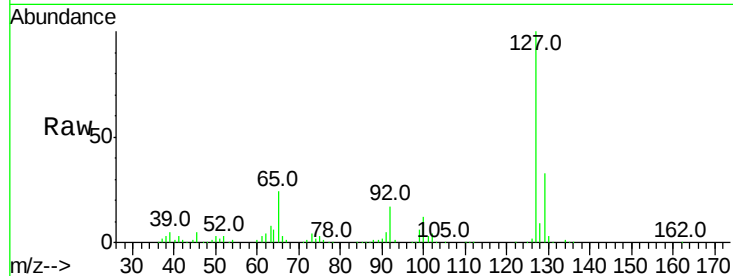




#33
4-Chloroaniline
Concen: 38.027 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

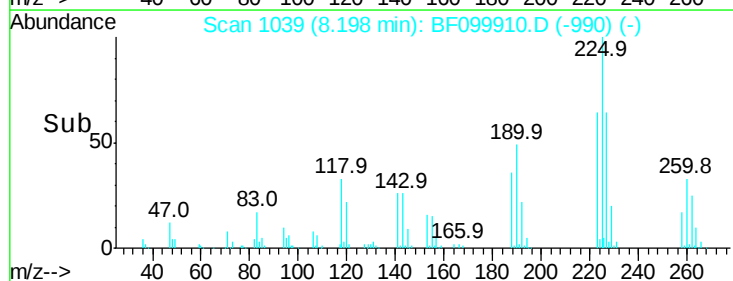
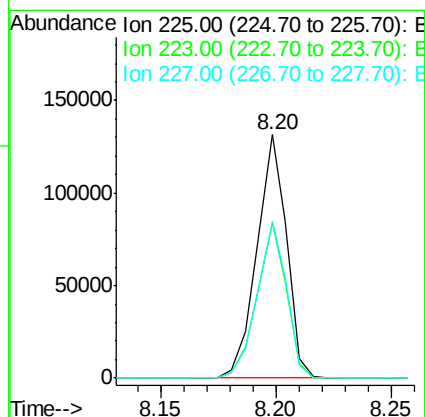
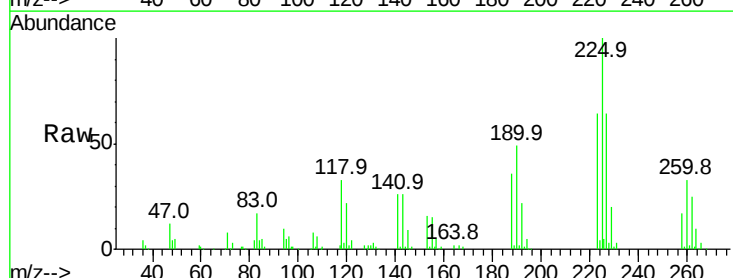
Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	306769
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	24.1	25.0	37.4
92	17.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.532 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:	225	Resp:	117591
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 36.045 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

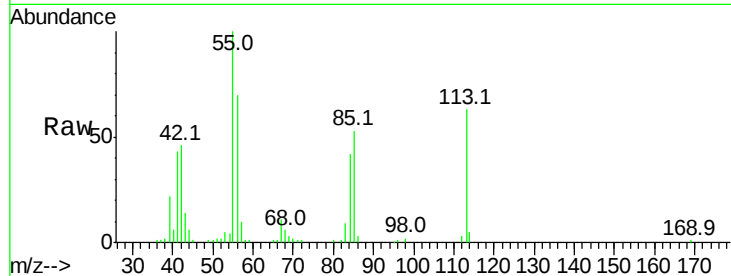
Tot Ion:113 Resp: 62943

Ion Ratio Lower Upper

113 100

55 159.1 163.3 203.3#

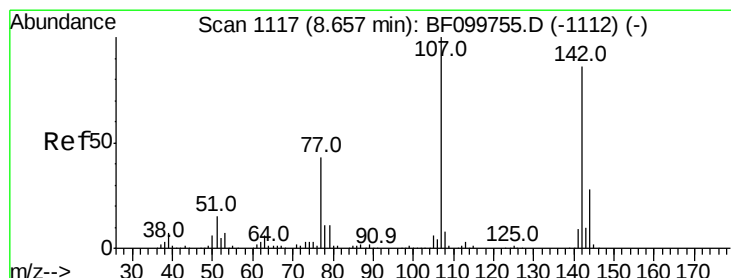
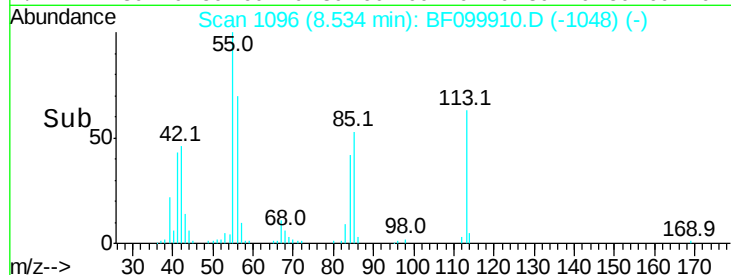
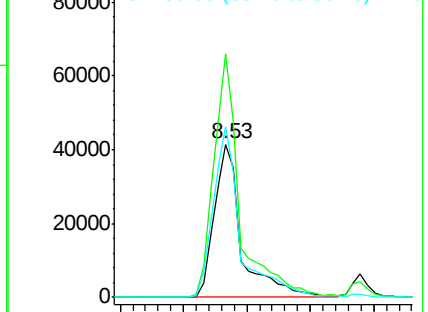
56 111.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.264 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

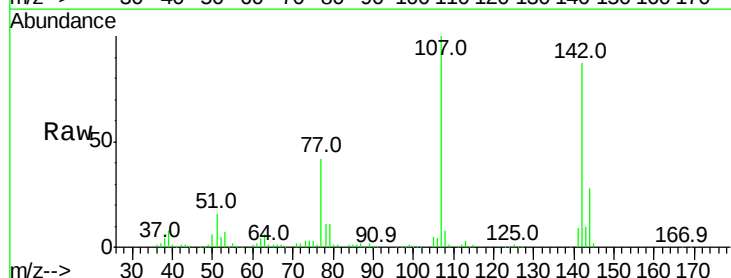
Tgt Ion:107 Resp: 211202

Ion Ratio Lower Upper

107 100

144 28.2 20.5 30.7

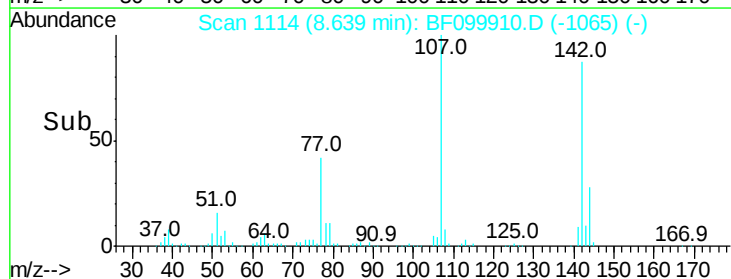
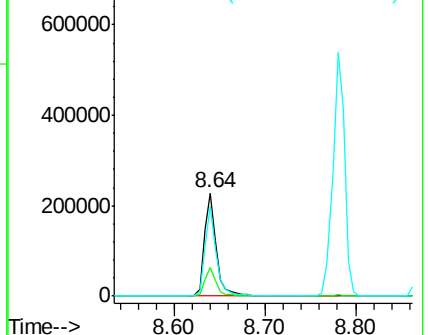
142 87.2 62.0 93.0

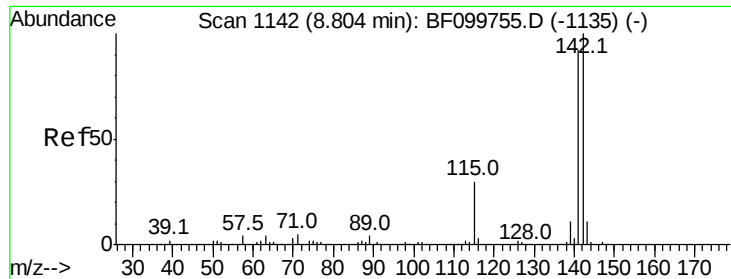


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

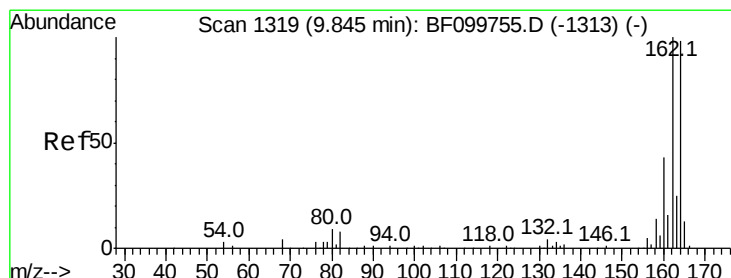
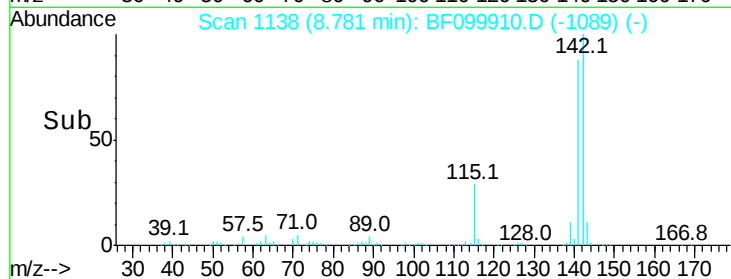
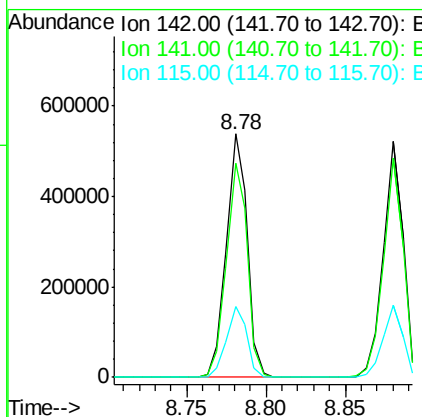
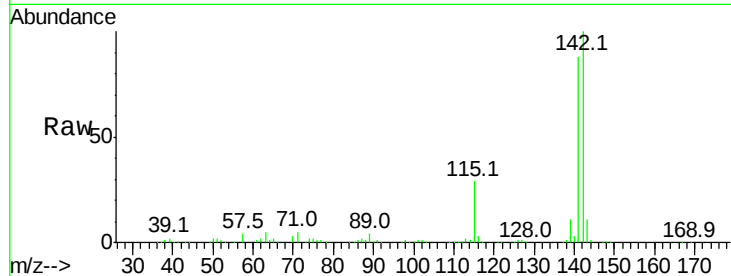




#37
 2-Methylnaphthalene
 Concen: 37.553 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

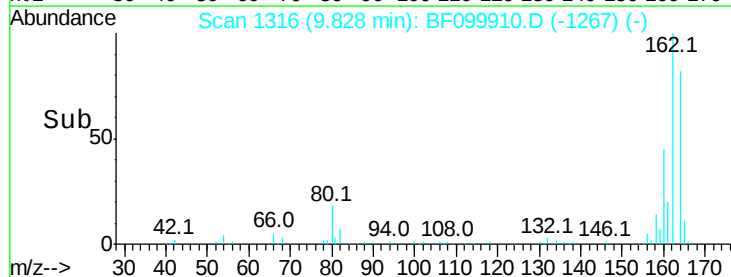
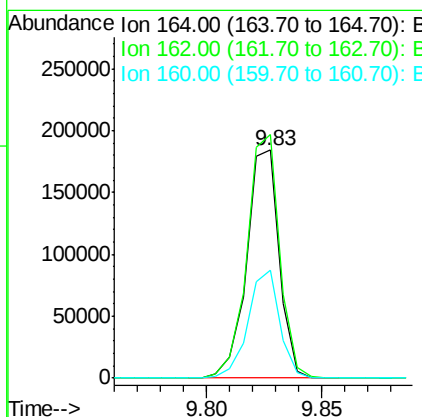
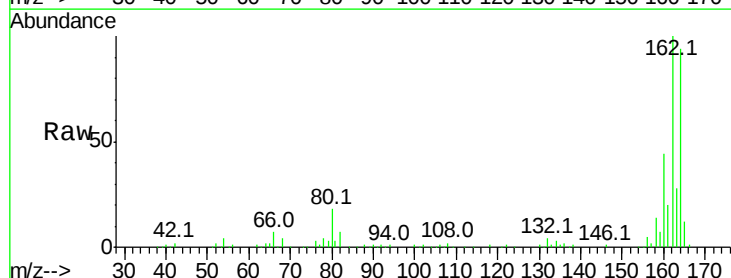
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 491644
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.8 106.2
 115 28.9 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:164 Resp: 182059
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 47.0 38.3 57.5

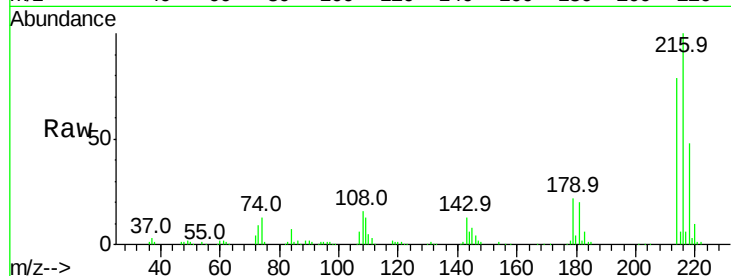




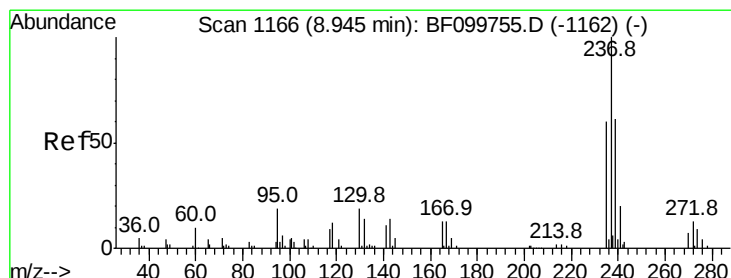
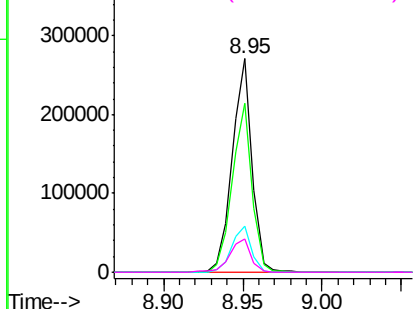
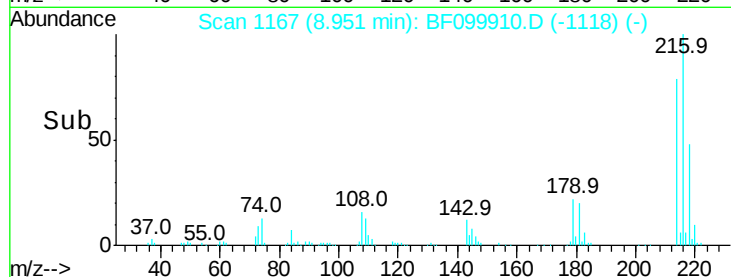
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.778 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	233897
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.0	94.4
179	21.5	18.1	27.1
108	17.0	17.2	25.8#

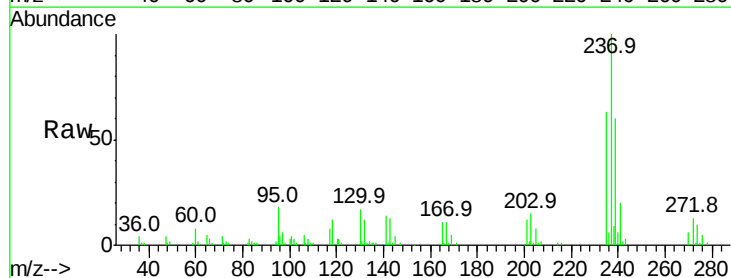


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

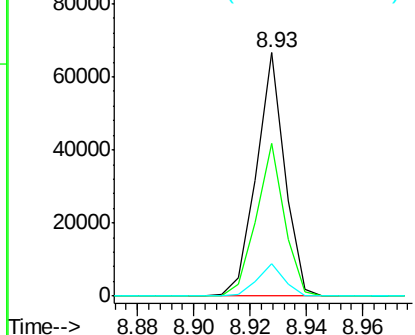
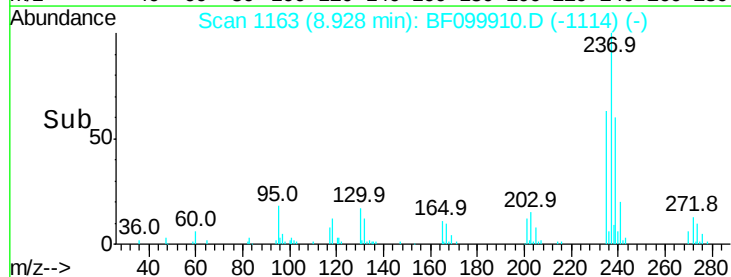


#40
 Hexachlorocyclopentadiene
 Concen: 47.150 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:	237	Resp:	46522
Ion Ratio	Lower	Upper	
237	100		
235	63.0	44.8	84.8
272	13.2	0.0	33.3



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

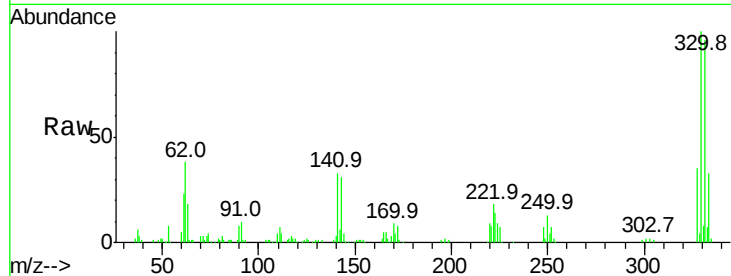




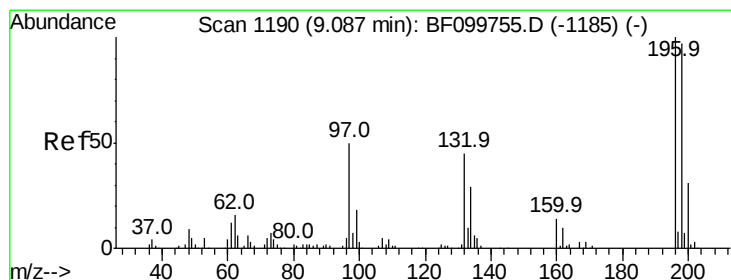
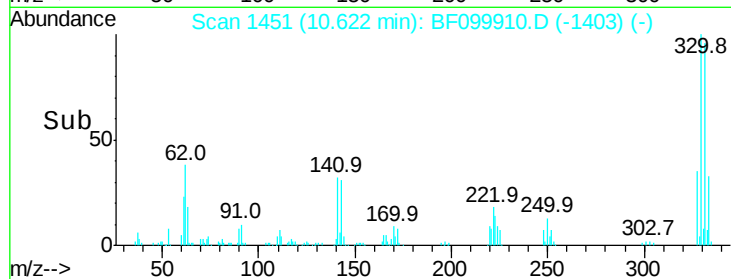
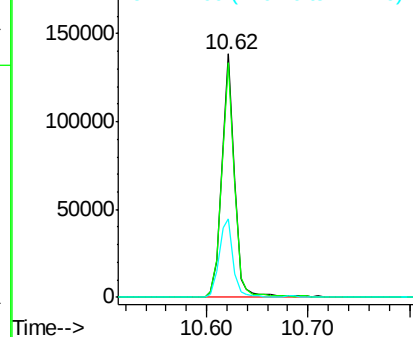
#41
 2,4,6-Tribromophenol
 Concen: 73.999 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	95.5			77.0	115.6	
141	35.0			29.9	44.9	

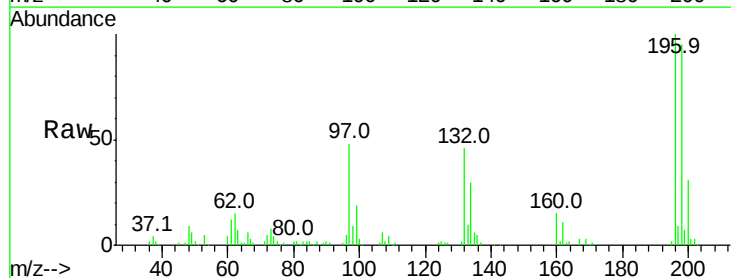


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

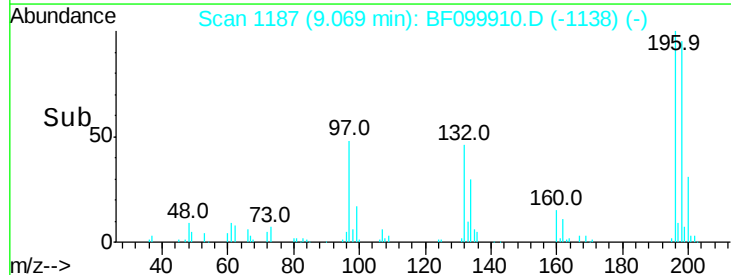
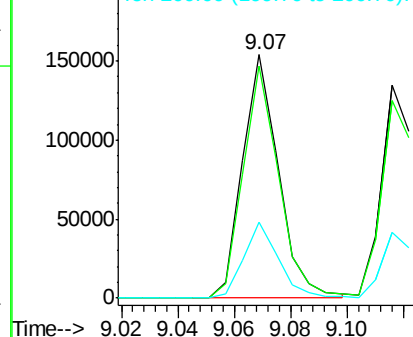


#42
 2,4,6-Trichlorophenol
 Concen: 38.216 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	196	198	200	Ratio	Lower	Upper
196	100					
198	95.4			75.7	113.5	
200	31.0			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

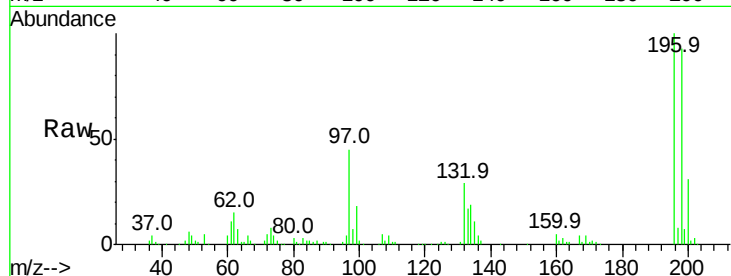




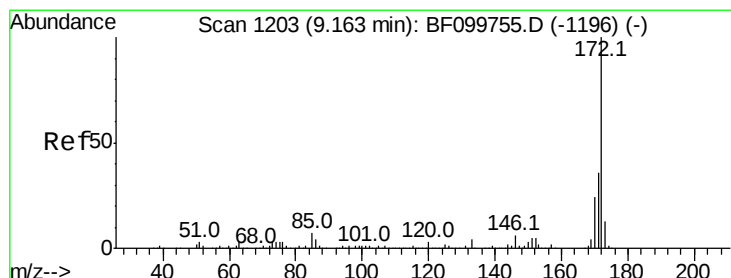
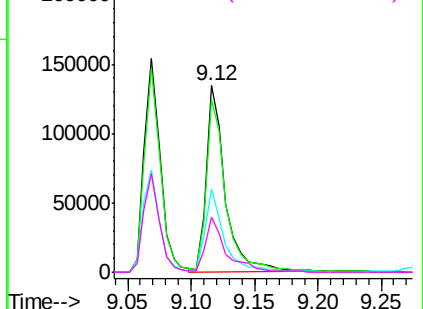
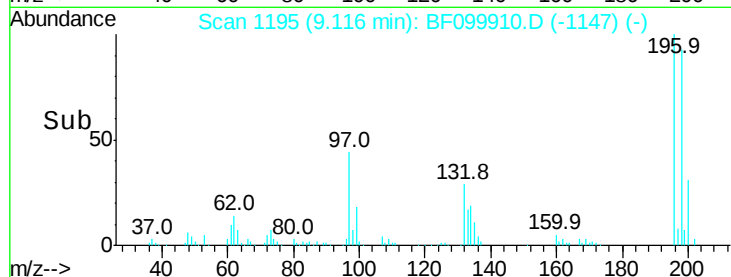
#43
 2,4,5-Trichlorophenol
 Concen: 37.216 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	140465
Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.6	112.0
97	44.7	42.9	64.3
132	29.4	26.3	39.5

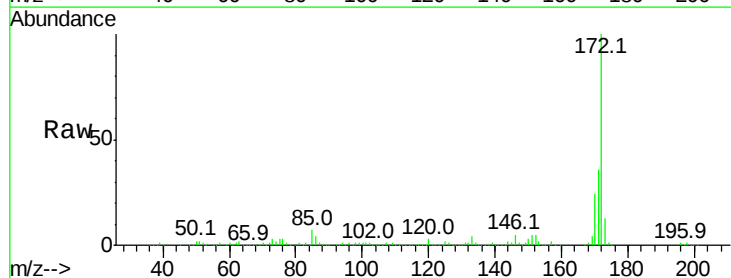


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

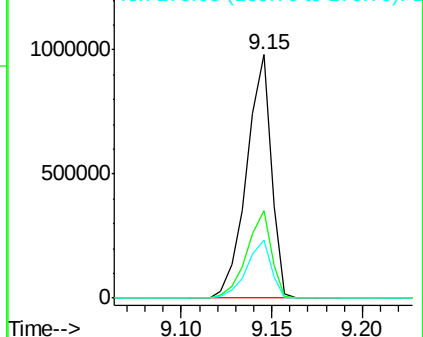
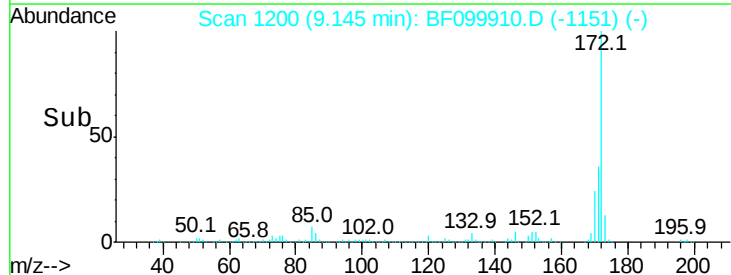


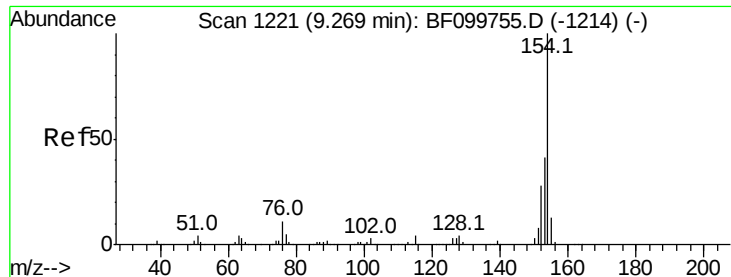
#44
 2-Fluorobiphenyl
 Concen: 78.711 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:	172	Resp:	928814
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4



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

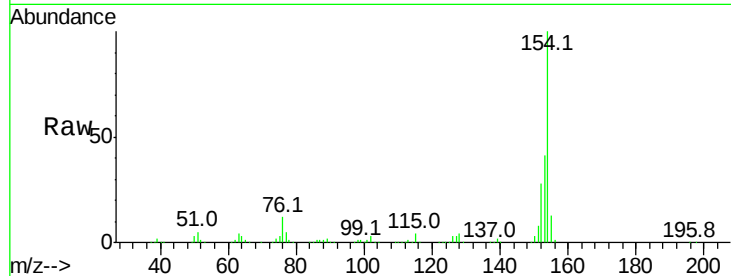




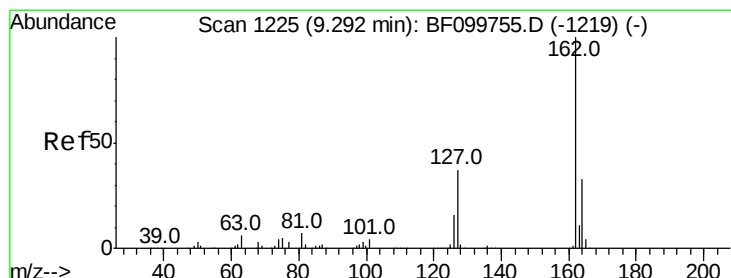
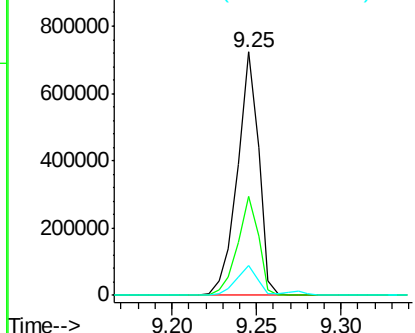
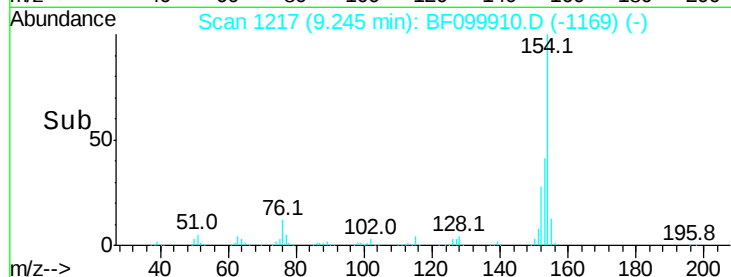
#45
 1,1'-Biphenyl
 Concen: 38.330 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.2	0.0	34.0

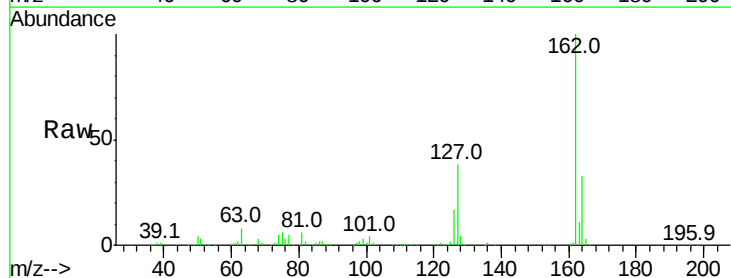


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

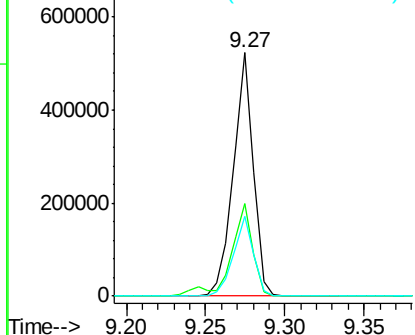
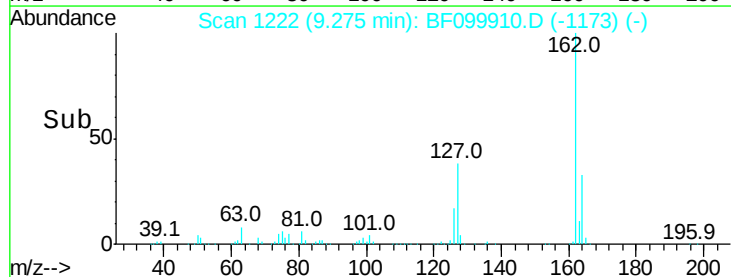


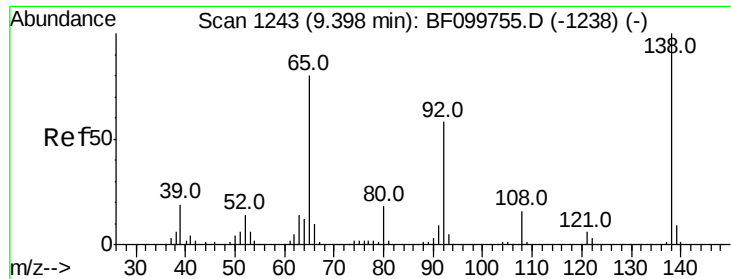
#46
 2-Chloronaphthalene
 Concen: 38.247 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	33.9	50.9
164	32.6	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

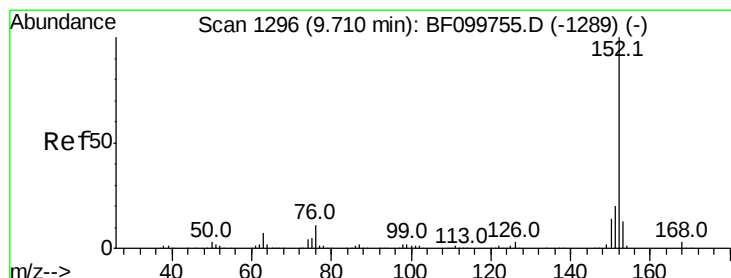
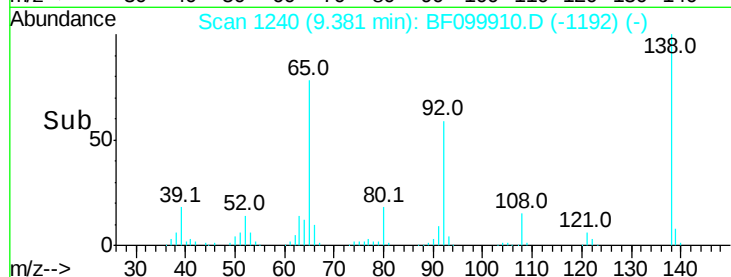
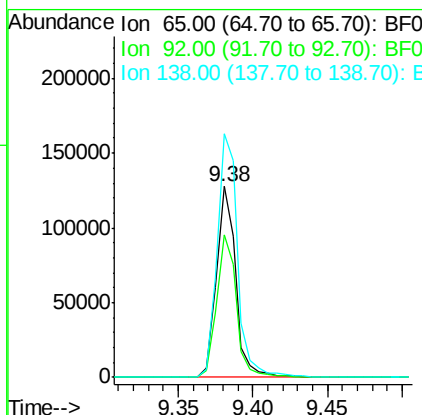
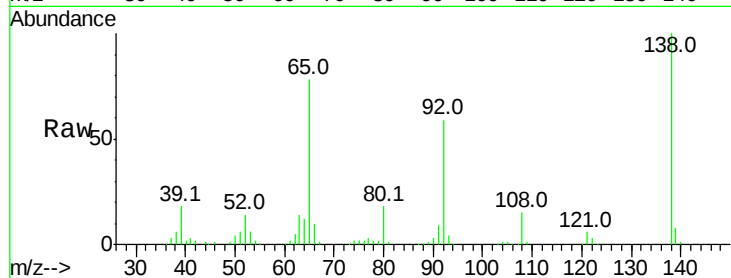




#47
 2-Nitroaniline
 Concen: 36.744 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

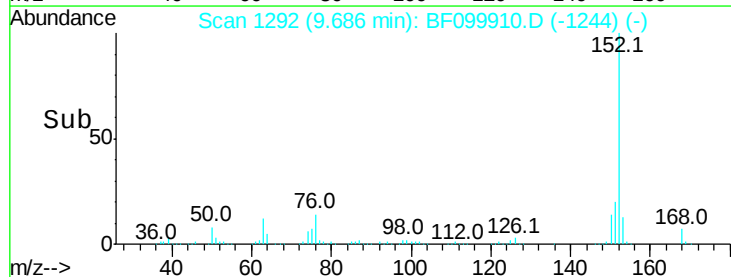
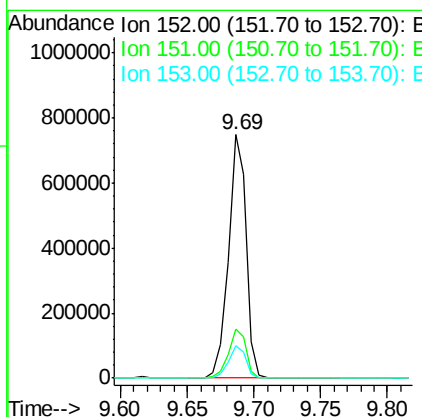
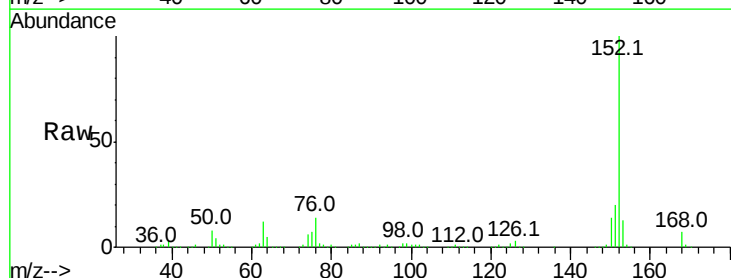
Instrument :
 BNA_F
 ClientSampleId :

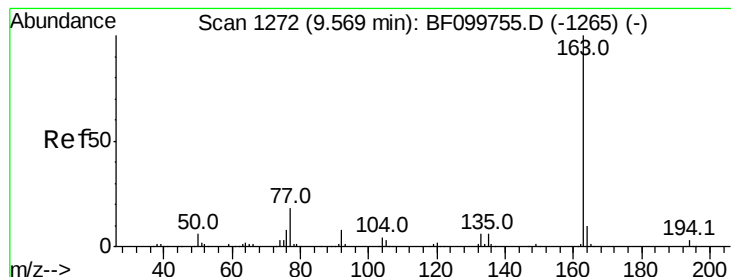
Tot Ion: 65 Resp: 115350
 Ion Ratio Lower Upper
 65 100
 92 74.8 55.8 83.6
 138 127.6 91.2 136.8



#48
 Acenaphthylene
 Concen: 37.957 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:152 Resp: 699261
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.1 10.7 16.1





#49

Dimethylphthalate

Concen: 35.625 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

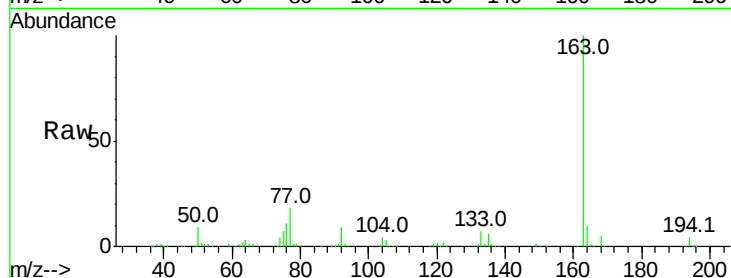
Tot Ion:163 Resp: 513630

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

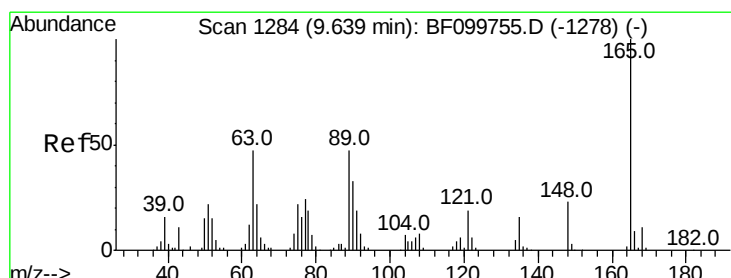
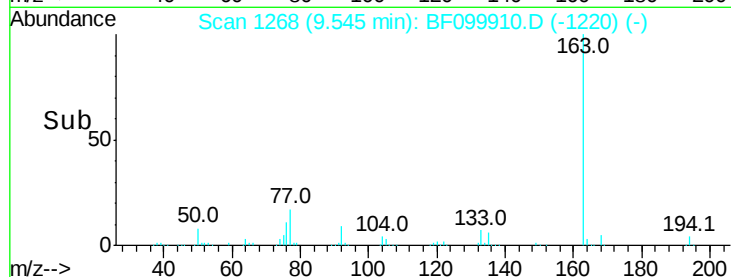
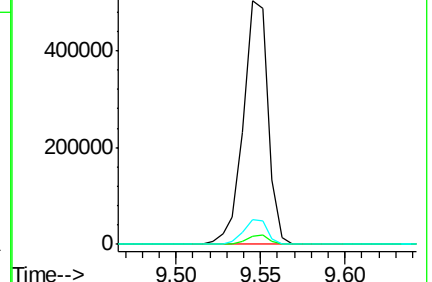
164 10.3 8.2 12.2



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: 36.454 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

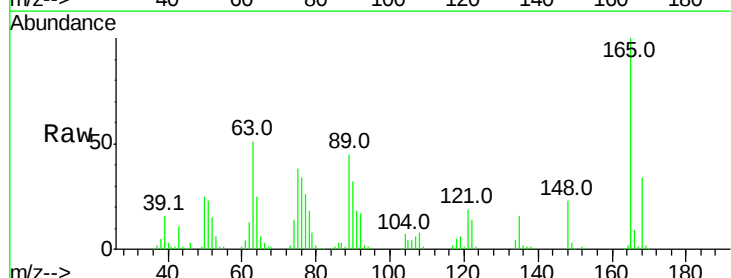
Tgt Ion:165 Resp: 110490

Ion Ratio Lower Upper

165 100

63 50.8 44.7 67.1

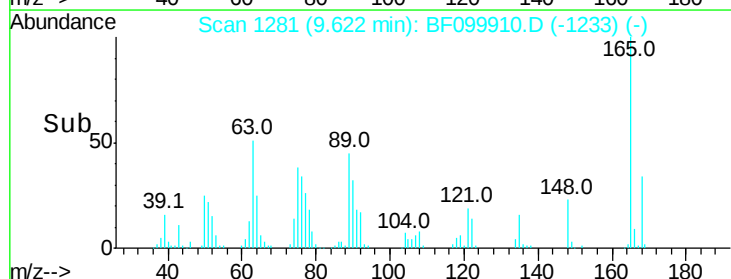
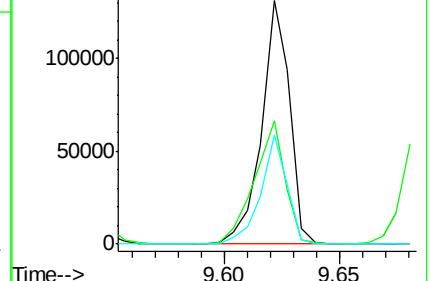
89 44.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

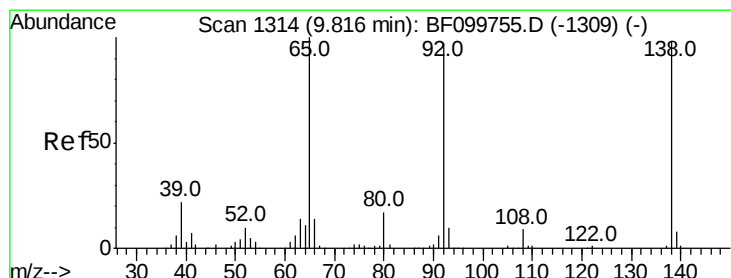
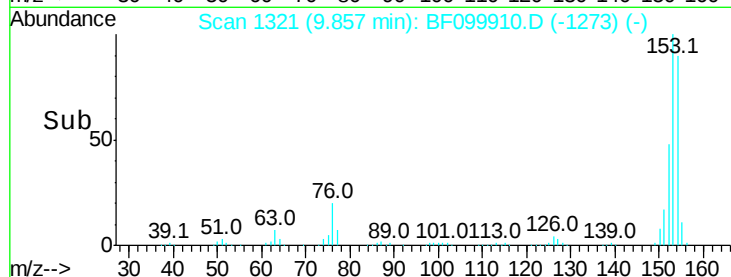
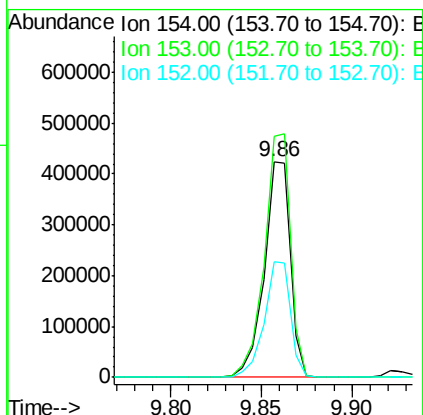
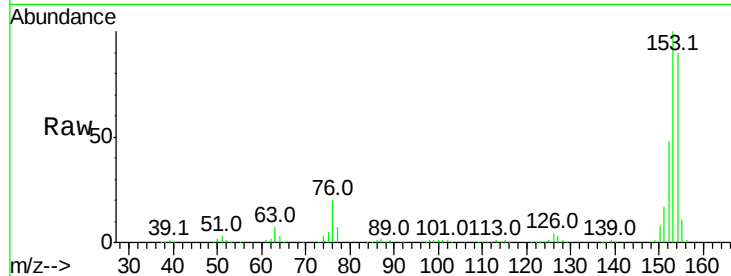




#51
Acenaphthene
Concen: 37.918 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

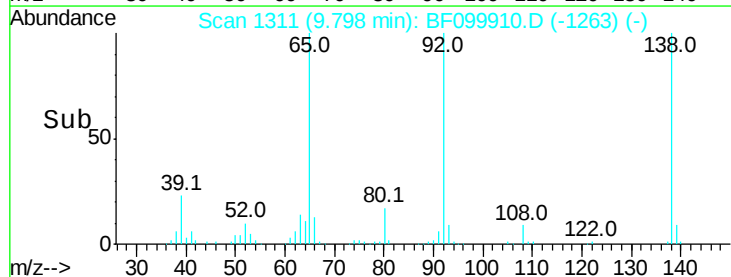
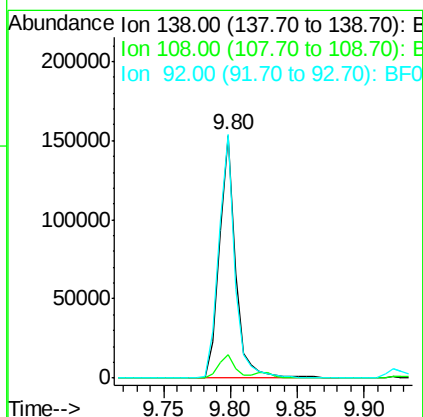
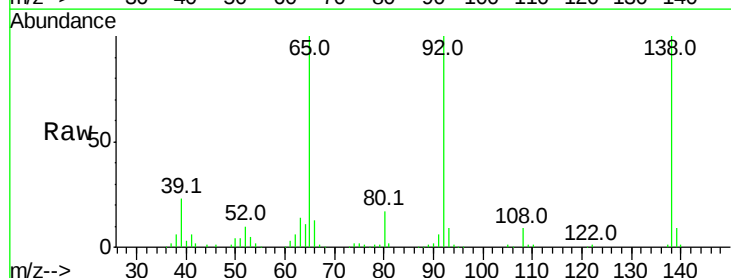
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 426819
Ion Ratio Lower Upper
154 100
153 111.6 91.2 136.8
152 53.3 43.8 65.8



#52
3-Nitroaniline
Concen: 36.856 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:138 Resp: 131623
Ion Ratio Lower Upper
138 100
108 9.4 9.4 14.0
92 100.4 89.4 134.2

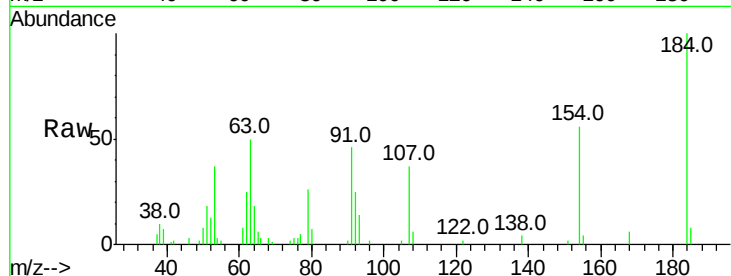




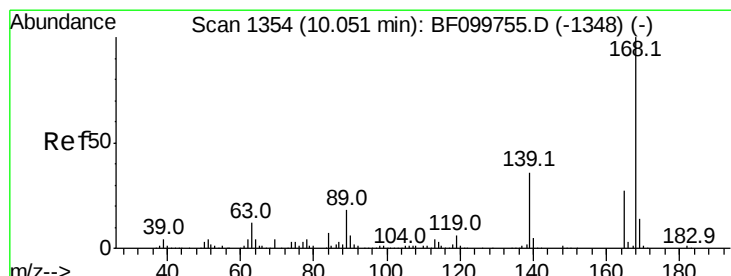
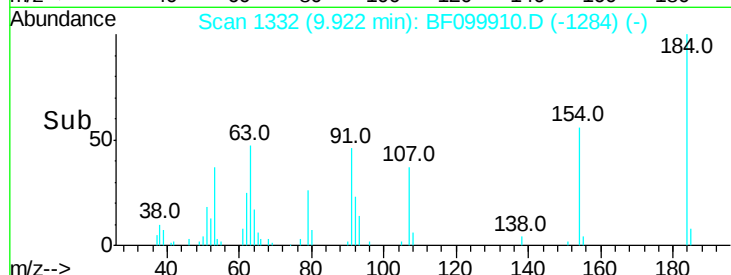
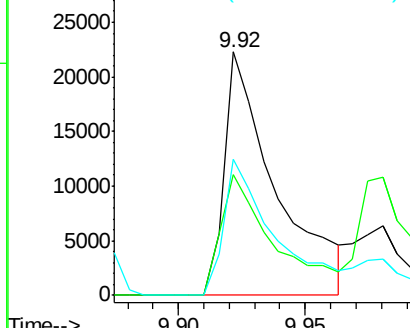
#53
 2,4-Dinitrophenol
 Concen: 30.121 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 31413
 Ion Ratio Lower Upper
 184 100
 63 49.5 54.2 81.2#
 154 55.7 53.5 80.3

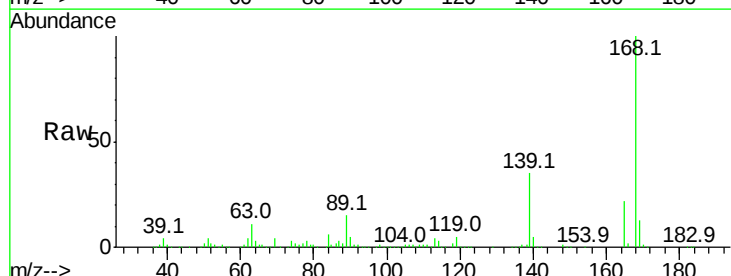


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

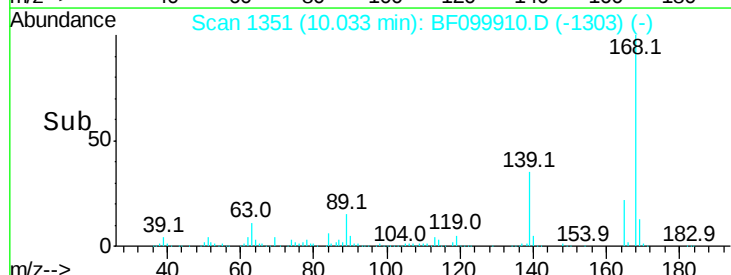
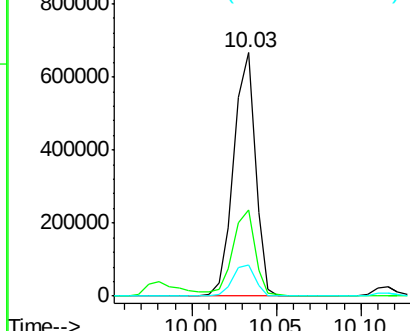


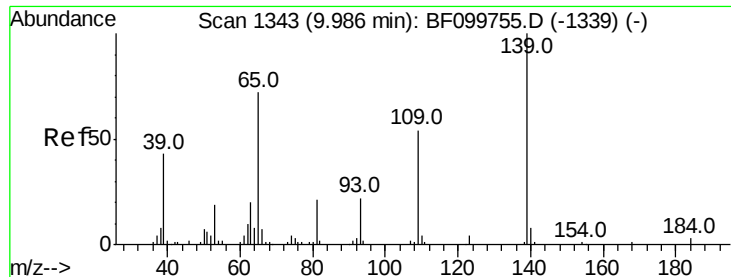
#54
 Dibenzofuran
 Concen: 37.456 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:168 Resp: 595156
 Ion Ratio Lower Upper
 168 100
 139 35.5 30.1 45.1
 169 13.1 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

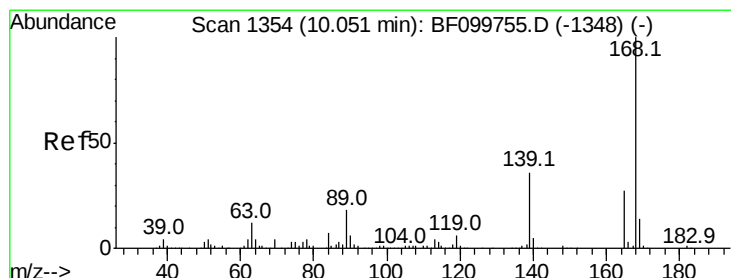
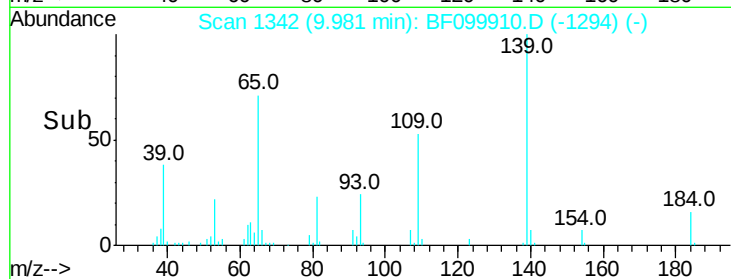
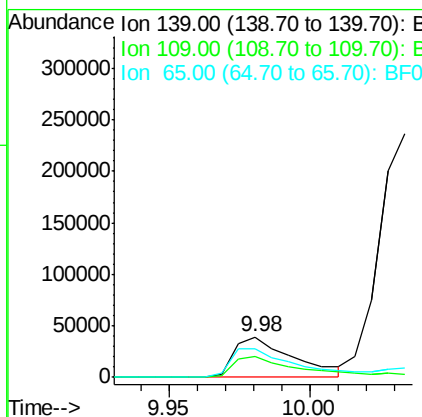
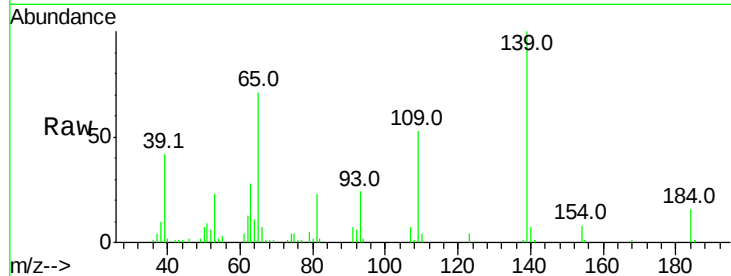




#55
4-Nitrophenol
Concen: 30.353 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

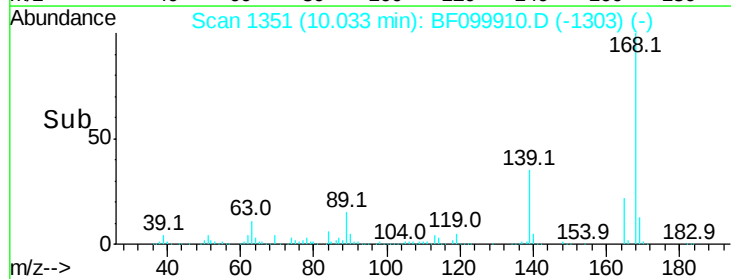
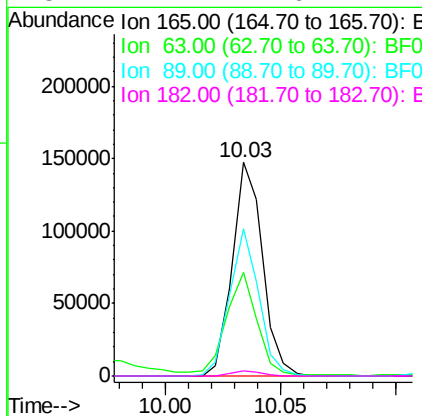
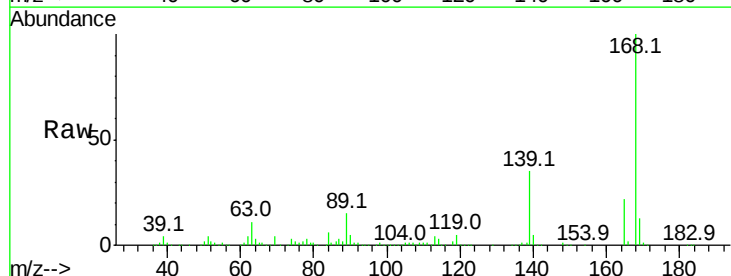
Instrument :
BNA_F
ClientSampleId :

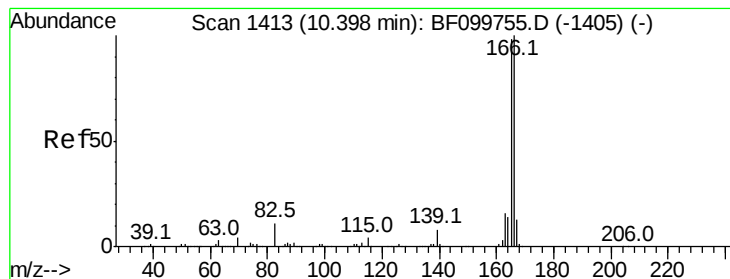
Tot Ion:139 Resp: 56638
Ion Ratio Lower Upper
139 100
109 52.9 48.4 88.4
65 71.5 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 36.764 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:165 Resp: 134193
Ion Ratio Lower Upper
165 100
63 48.3 36.4 54.6
89 68.8 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.176 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

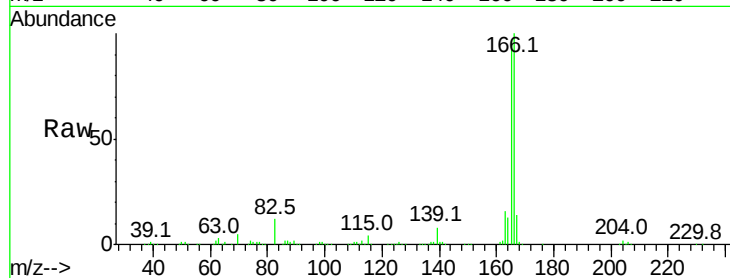
Tot Ion:166 Resp: 489085

Ion Ratio Lower Upper

166 100

165 97.0 79.8 119.8

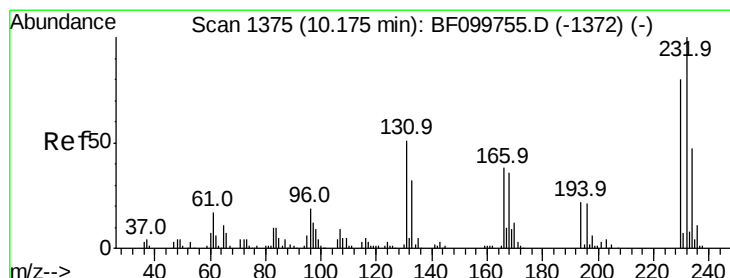
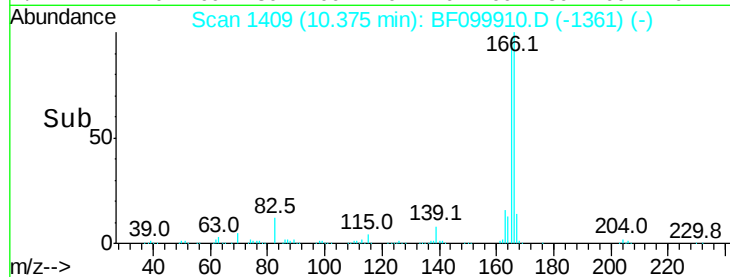
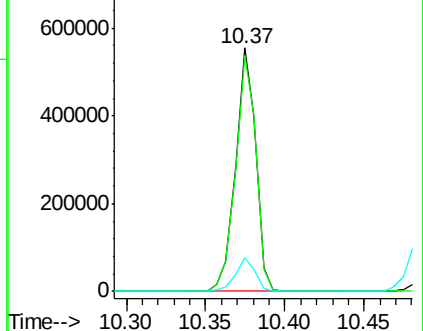
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.004 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Tgt Ion:232 Resp: 100572

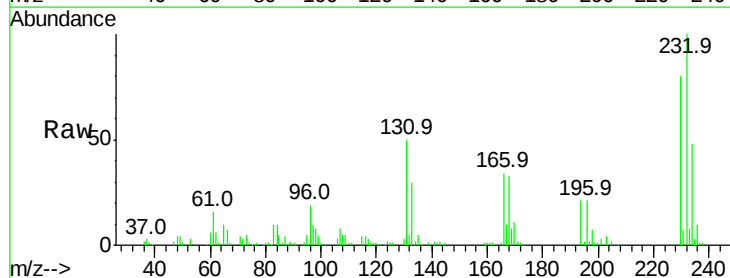
Ion Ratio Lower Upper

232 100

131 45.9 43.8 65.8

130 2.2 2.1 3.1

166 32.6 27.8 41.6

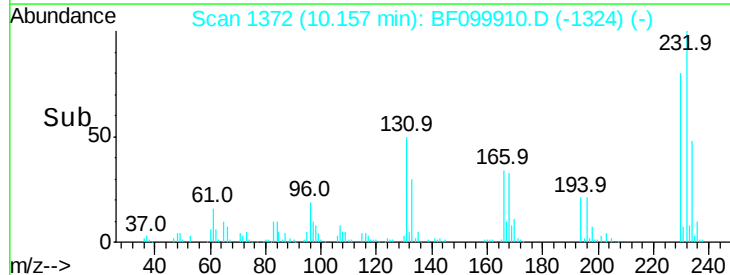
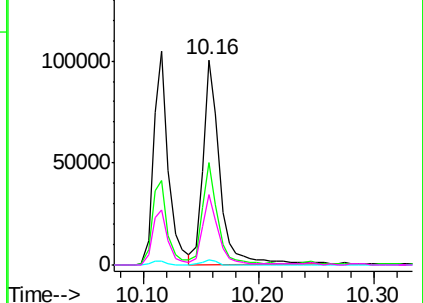


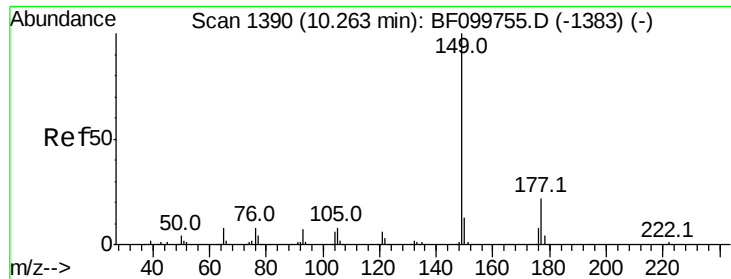
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

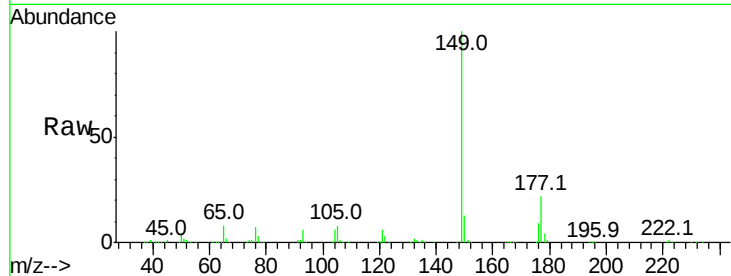




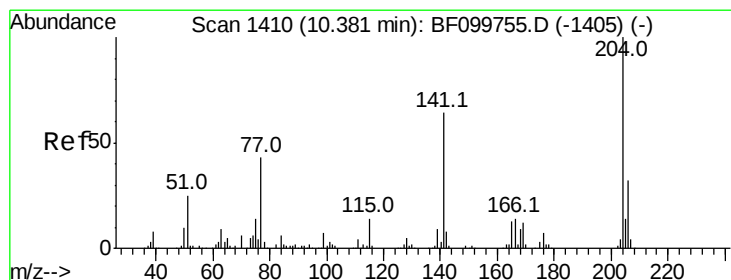
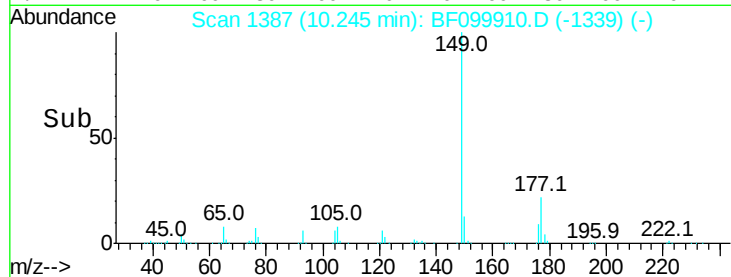
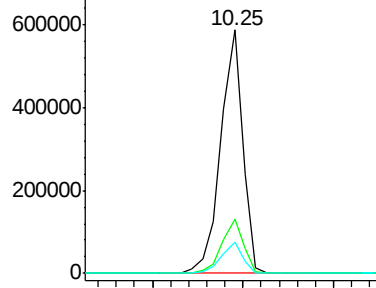
#59
Diethylphthalate
Concen: 35.335 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.1	24.1
150	12.6	10.1	15.1

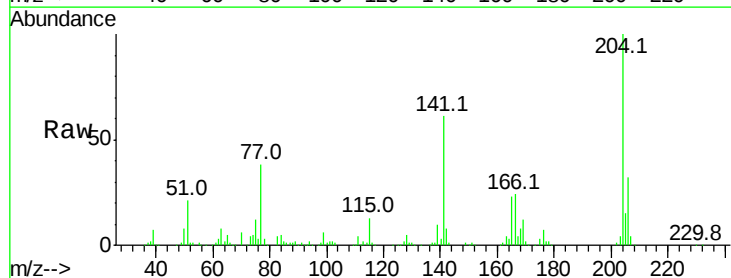


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

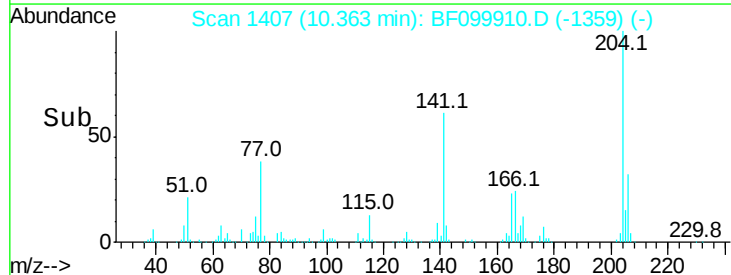
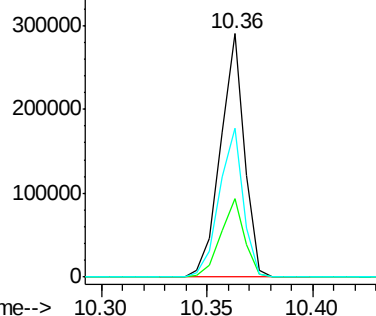


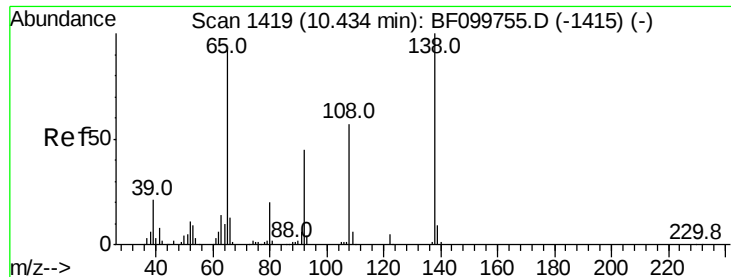
#60
4-Chlorophenyl-phenylether
Concen: 37.082 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	61.1	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

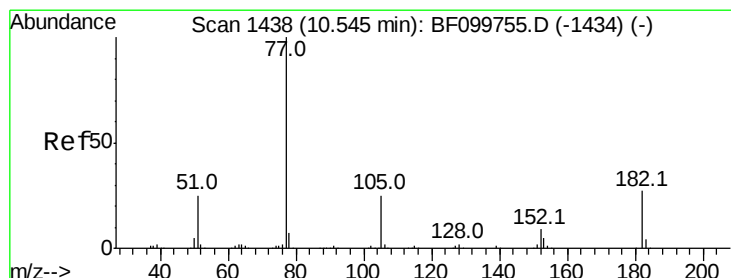
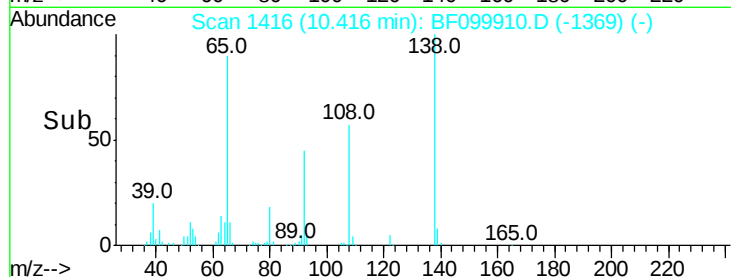
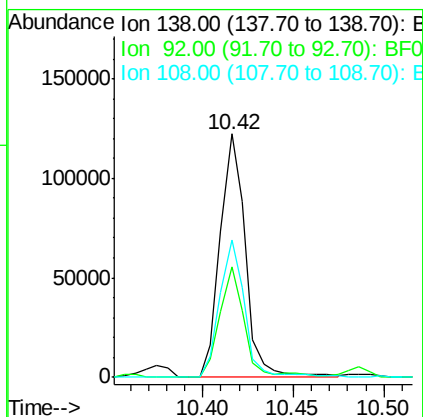
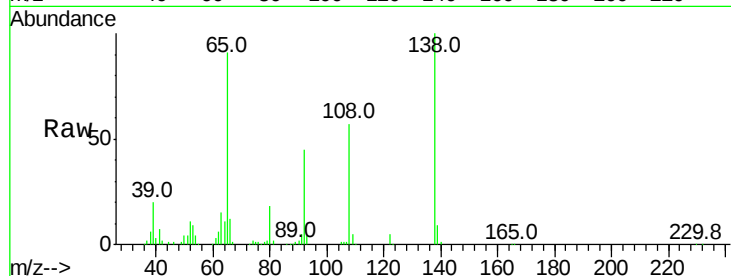




#61
4-Nitroaniline
Concen: 35.122 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

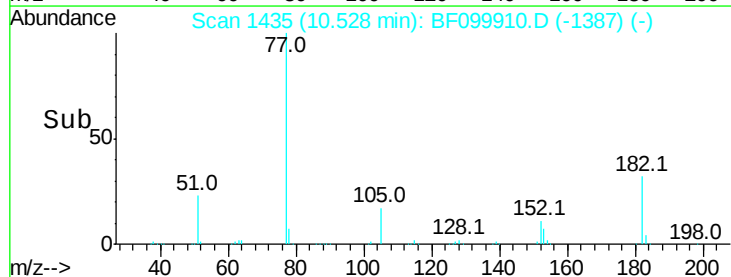
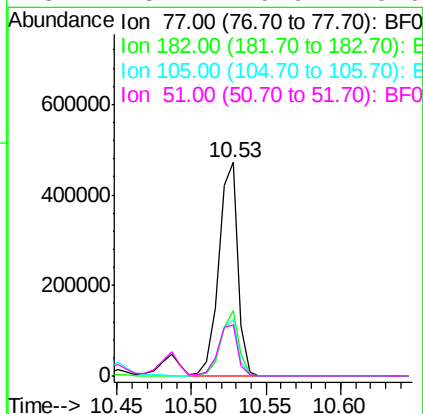
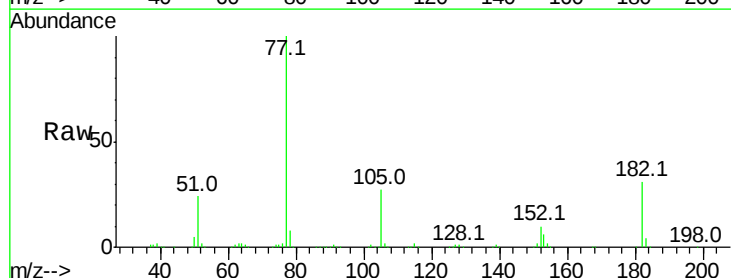
Instrument :
BNA_F
ClientSampleId :

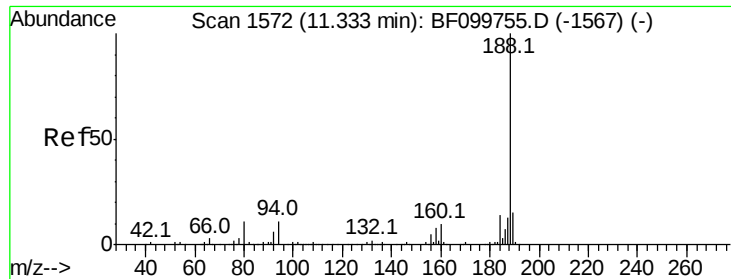
Tot Ion:138 Resp: 119671
Ion Ratio Lower Upper
138 100
92 45.1 30.2 70.2
108 56.5 52.5 92.5



#62
Azobenzene
Concen: 35.990 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion: 77 Resp: 424771
Ion Ratio Lower Upper
77 100
182 30.7 1.7 41.7
105 26.5 3.0 43.0
51 23.7 9.9 49.9

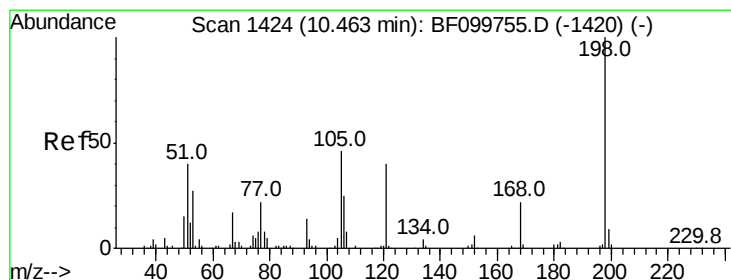
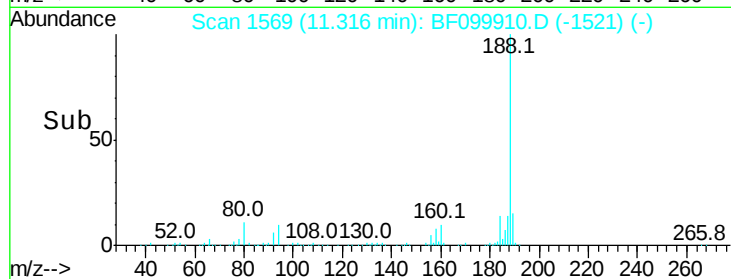
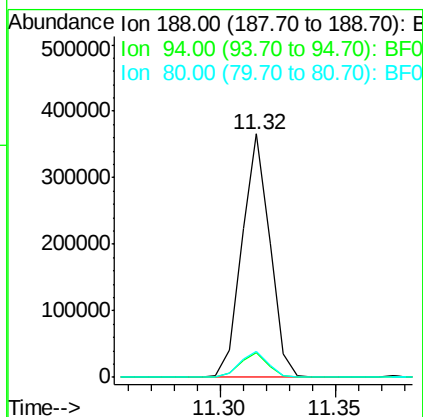
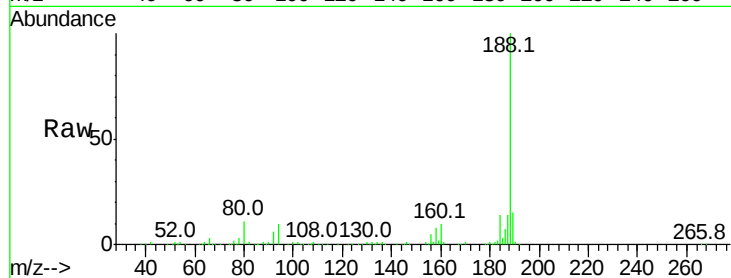




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

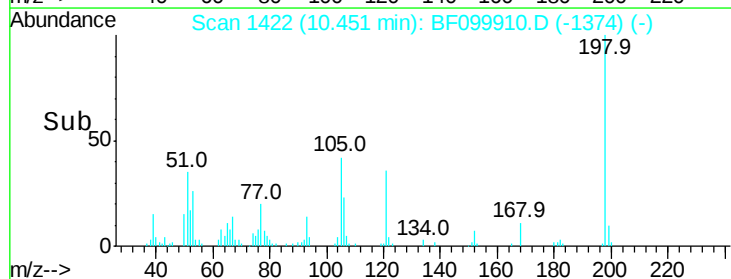
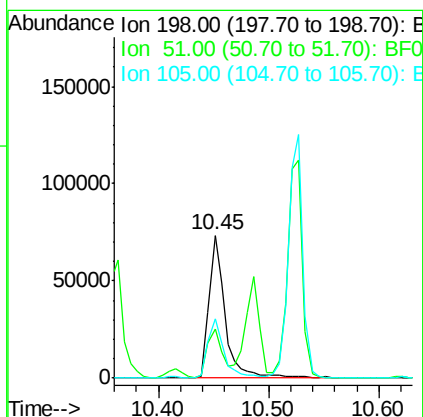
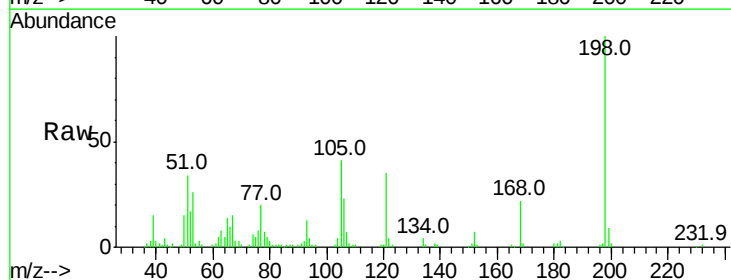
Instrument :
BNA_F
ClientSampleId :

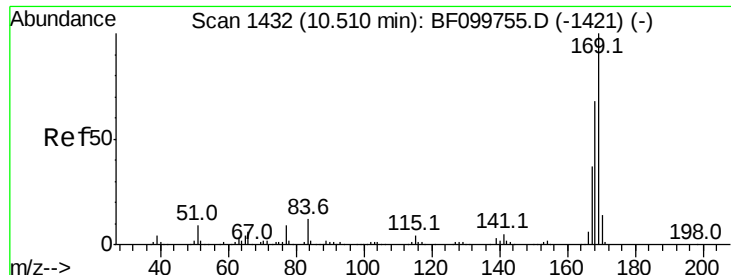
Tot Ion:188 Resp: 308332
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.556 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:198 Resp: 72790
Ion Ratio Lower Upper
198 100
51 34.4 37.7 77.7#
105 41.4 36.3 76.3

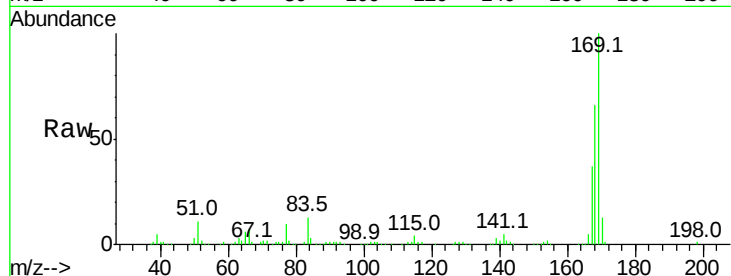




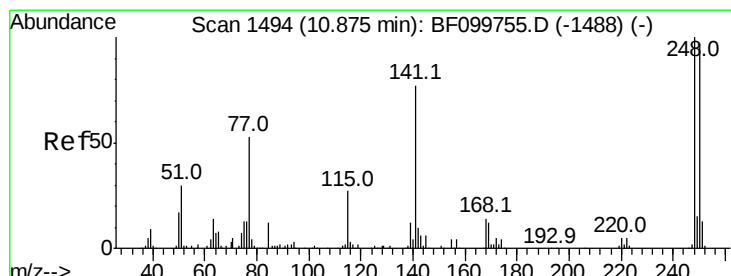
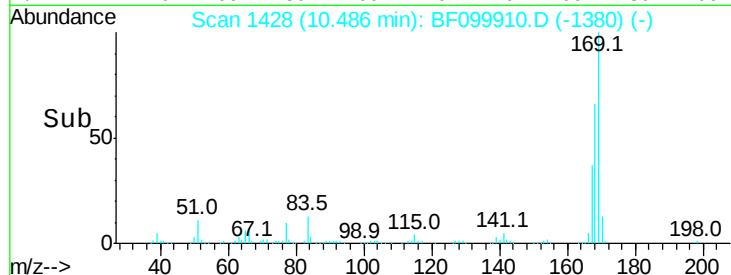
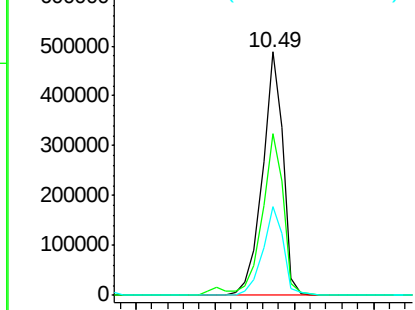
#65
 n-Nitrosodiphenylamine
 Concen: 39.080 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 444803
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.4 81.6
 167 36.6 29.8 44.6

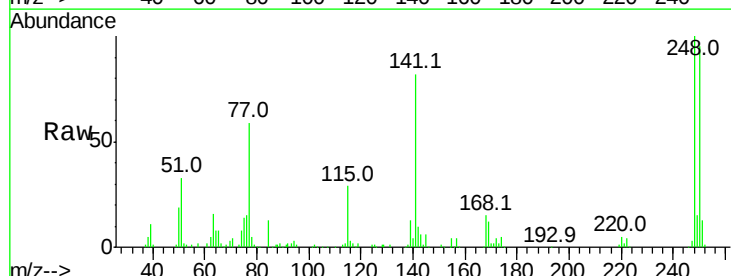


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

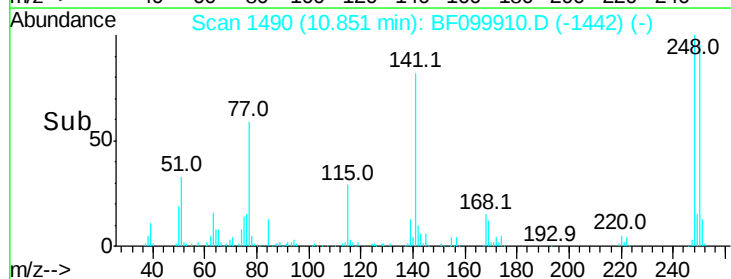
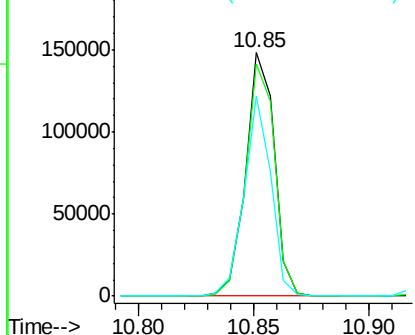


#66
 4-Bromophenyl-phenylether
 Concen: 39.630 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:248 Resp: 128637
 Ion Ratio Lower Upper
 248 100
 250 95.2 76.9 115.3
 141 81.9 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: 38.806 ng

RT: 10.93 min Scan# 1503

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

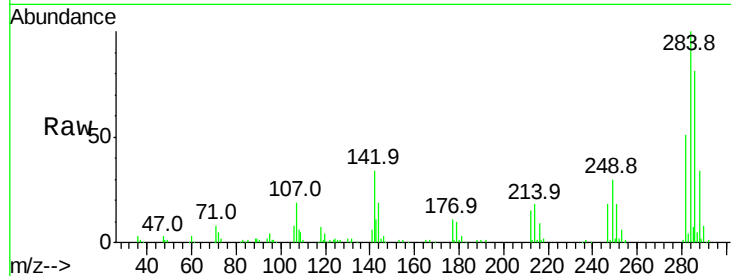
Tot Ion:284 Resp: 128868

Ion Ratio Lower Upper

284 100

142 34.4 34.6 52.0#

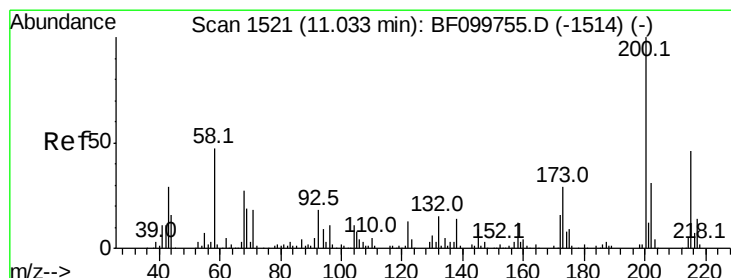
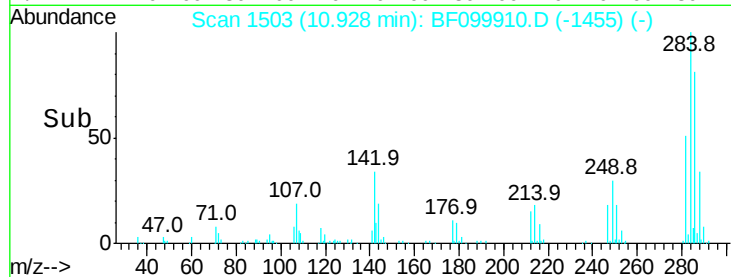
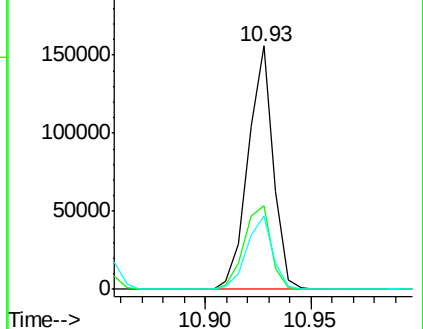
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.157 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

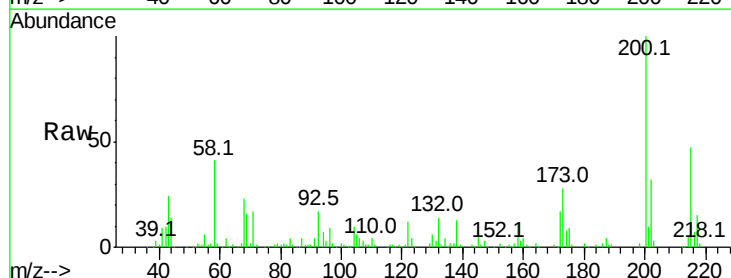
Tgt Ion:200 Resp: 127039

Ion Ratio Lower Upper

200 100

173 28.0 8.6 48.6

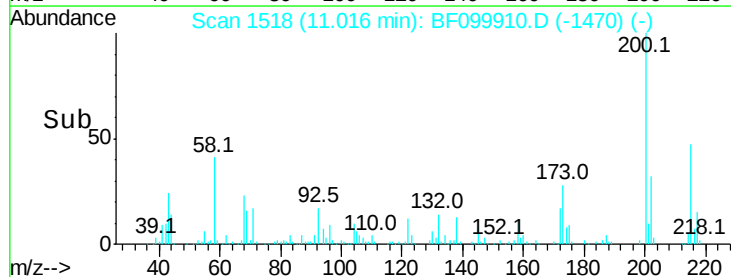
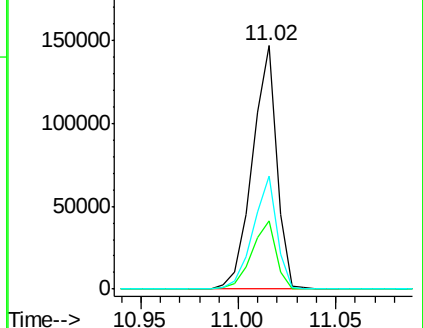
215 46.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

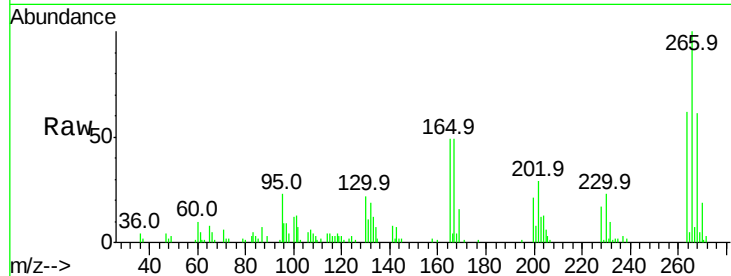




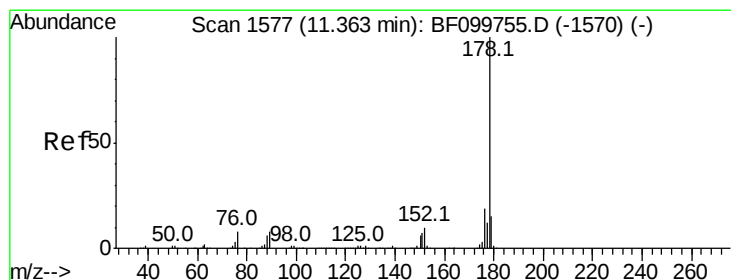
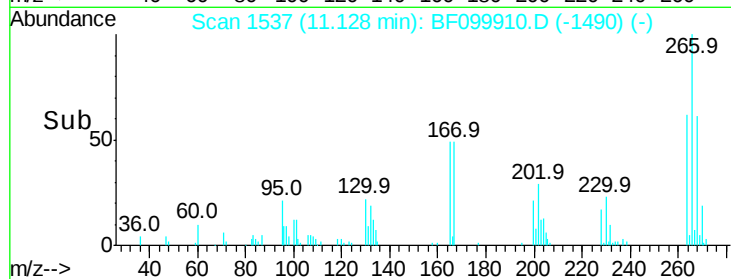
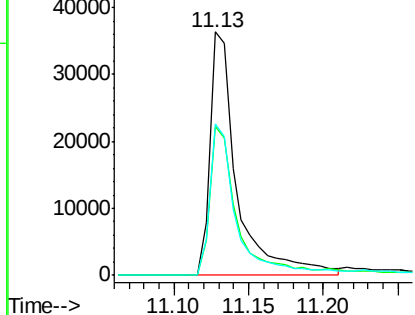
#69
 Pentachlorophenol
 Concen: 32.453 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	62.2	49.5	74.3

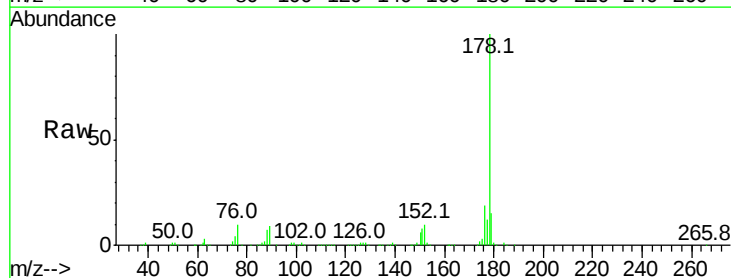


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

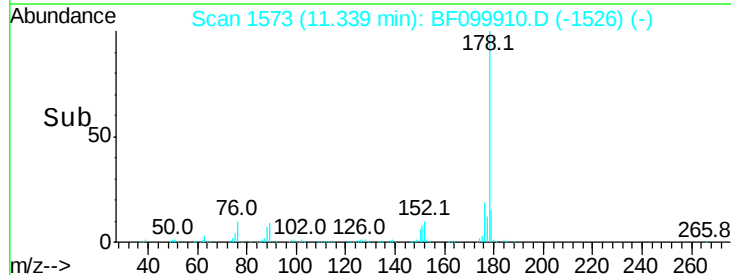
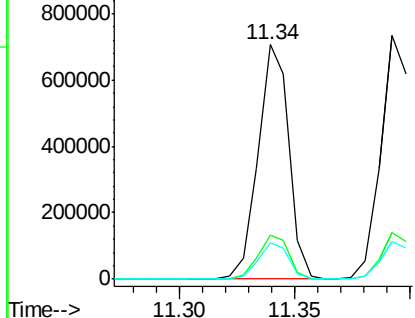


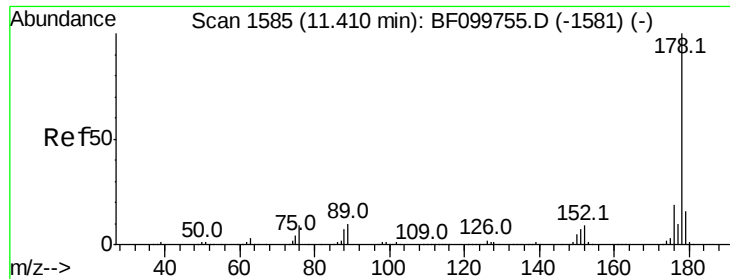
#70
 Phenanthrene
 Concen: 37.837 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.207 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

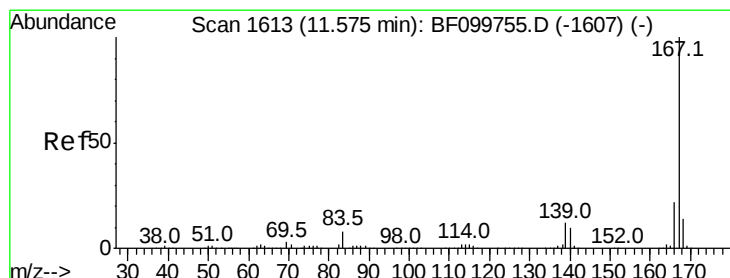
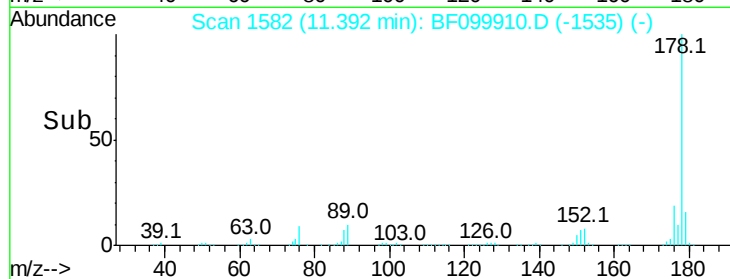
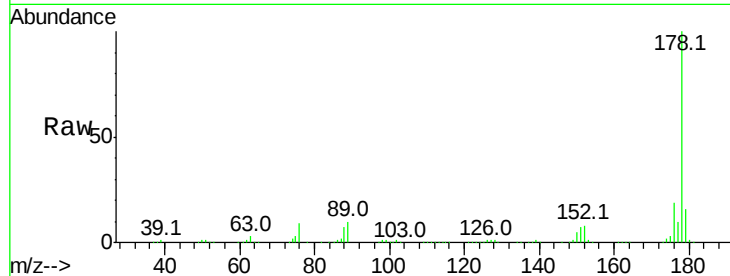
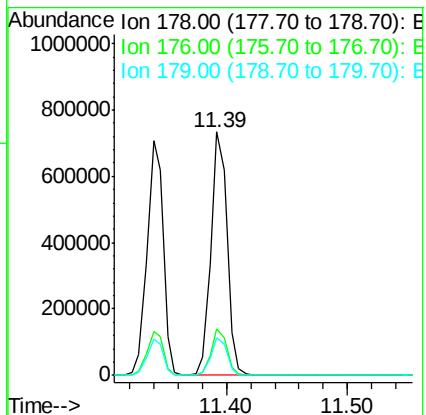
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 674835

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0



#72

Carbazole

Concen: 37.491 ng

RT: 11.56 min Scan# 1610

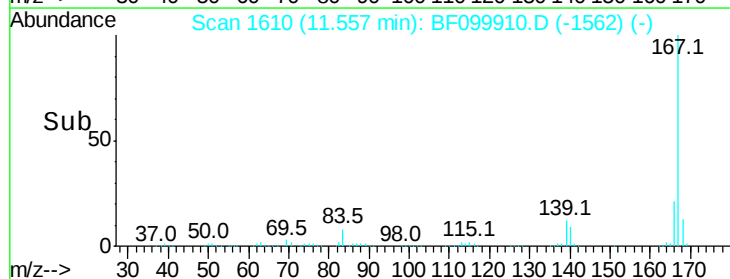
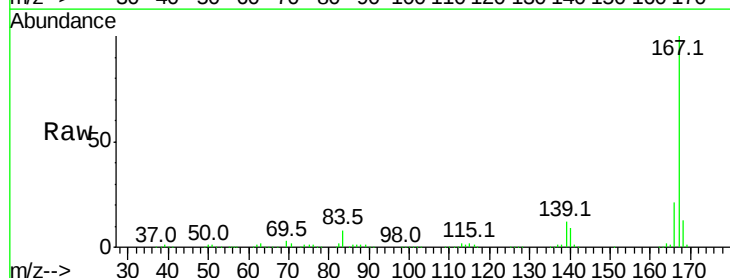
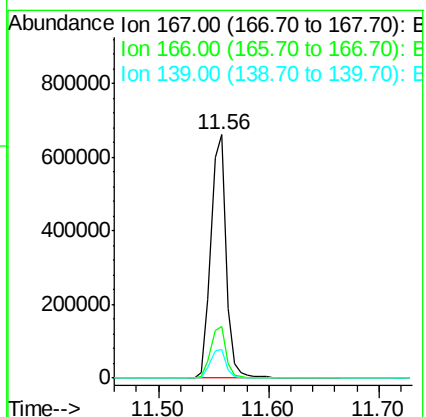
Delta R.T. -0.02 min

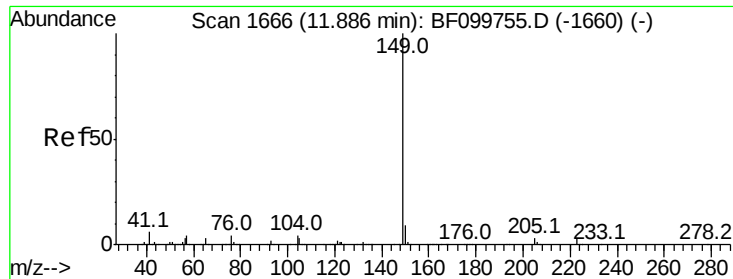
Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Tgt Ion:167 Resp: 622716

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.6	26.4
139	11.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.239 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

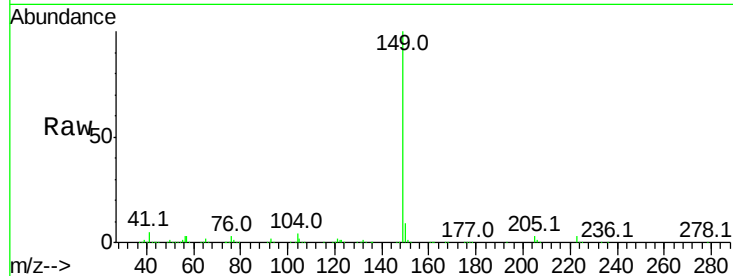
Tot Ion:149 Resp: 746552

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

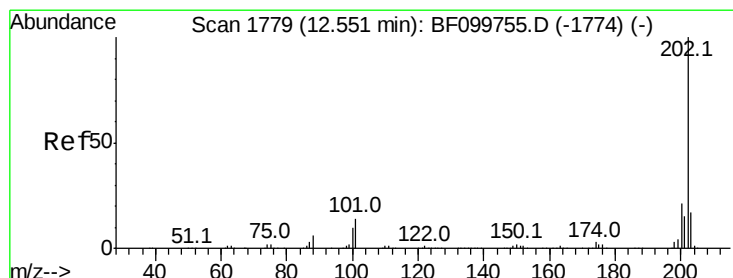
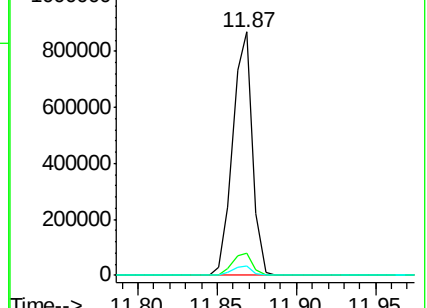
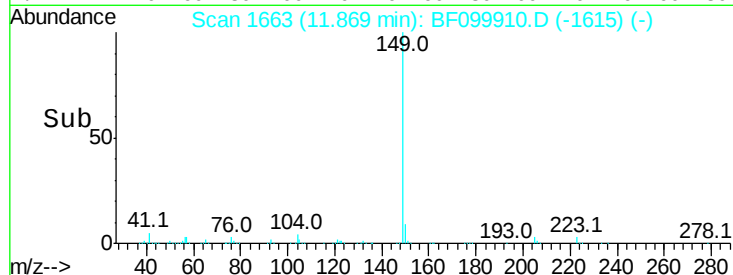
104 3.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.193 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

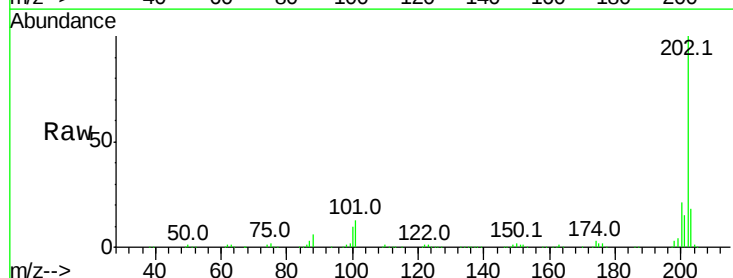
Tgt Ion:202 Resp: 636408

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

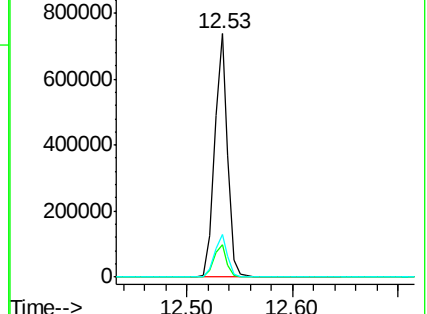
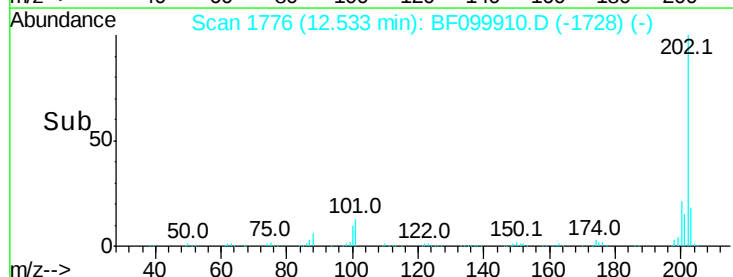
203 17.7 0.0 38.1

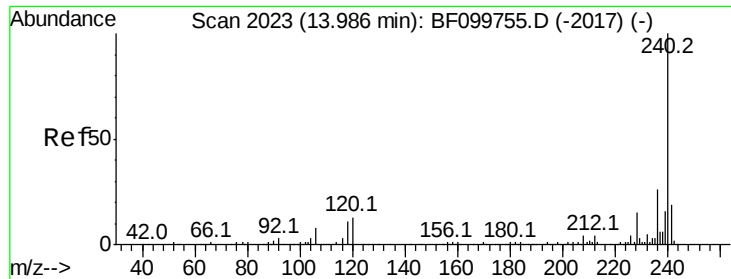


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

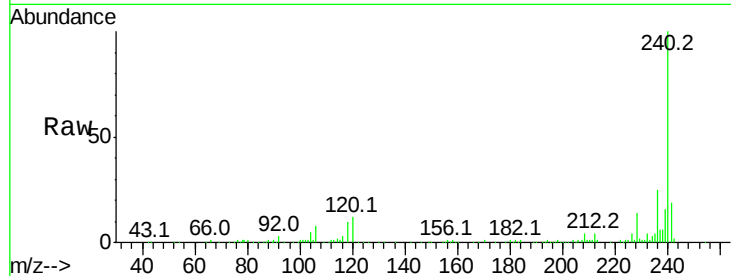
Tot Ion:240 Resp: 197313

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

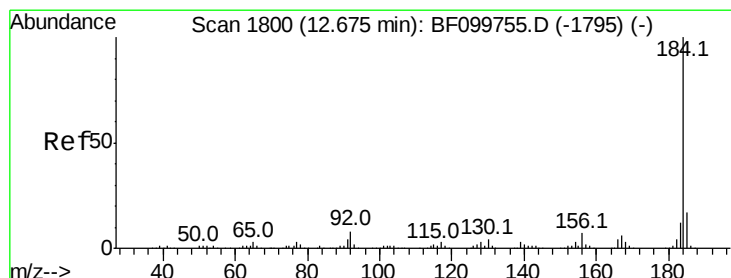
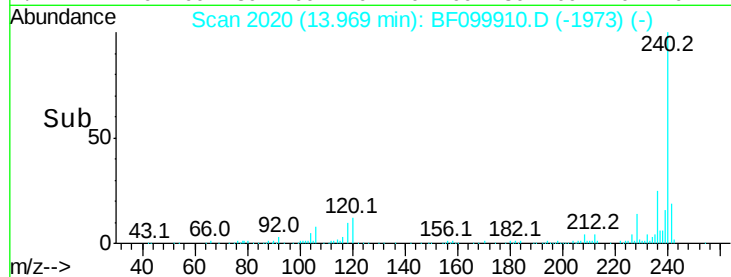
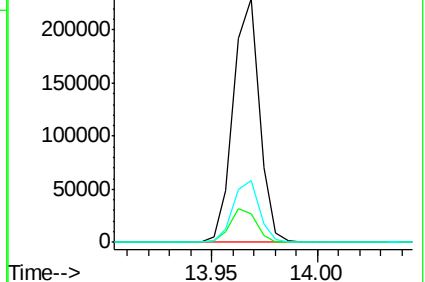
236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.322 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

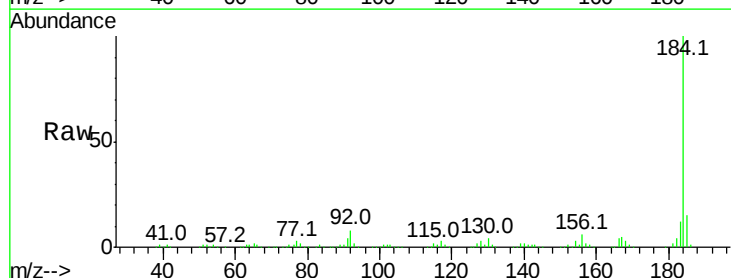
Tgt Ion:184 Resp: 296334

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

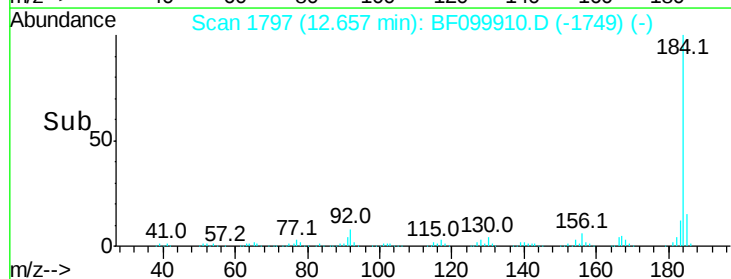
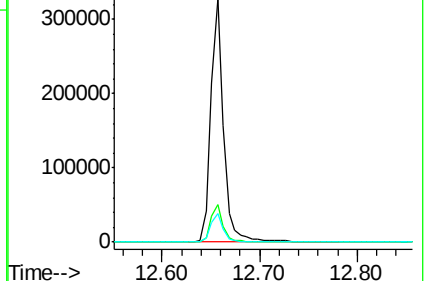
183 12.0 9.3 13.9

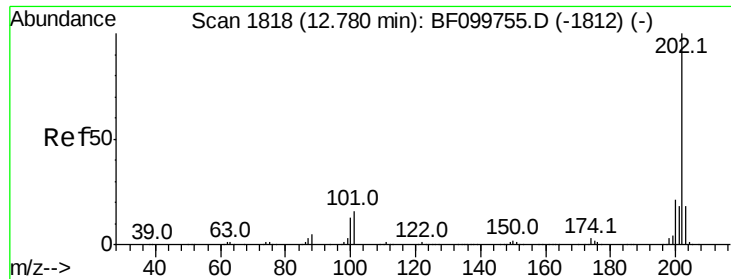


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

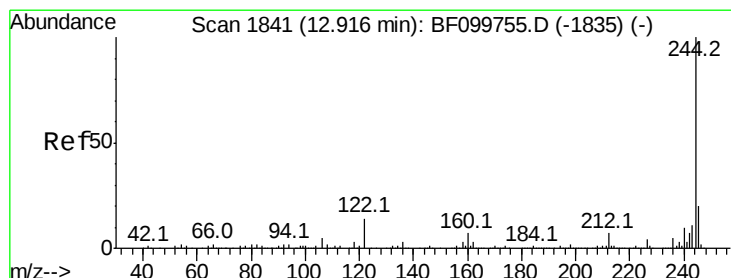
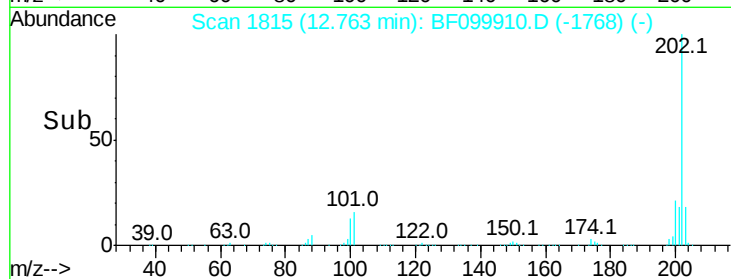
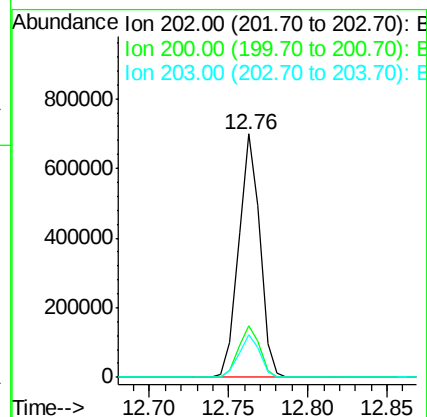
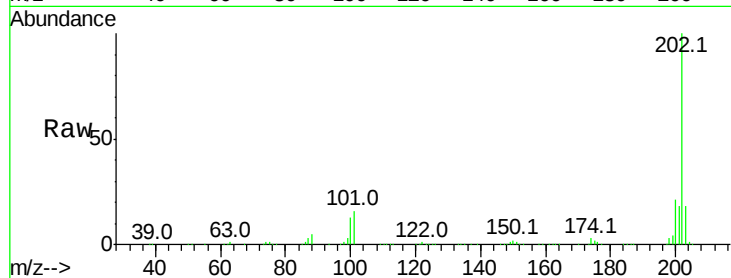




#77
Pvrene
Concen: 43.141 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

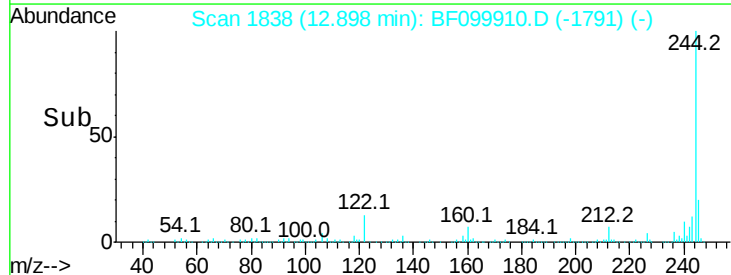
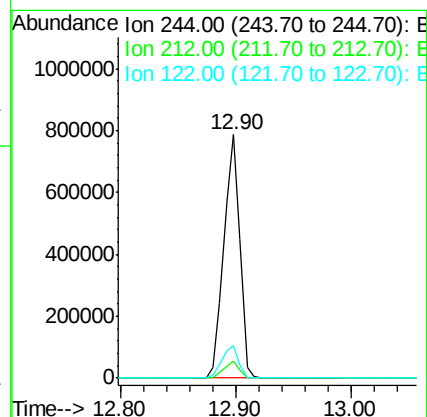
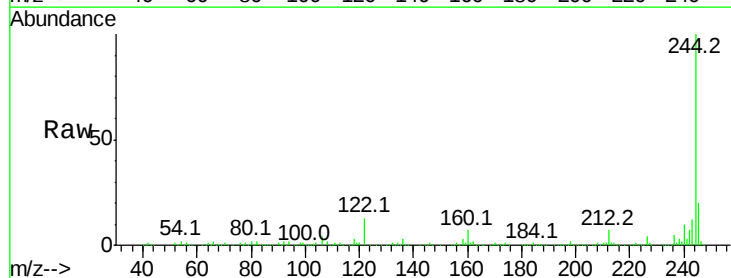
Instrument :
BNA_F
ClientSampleId :

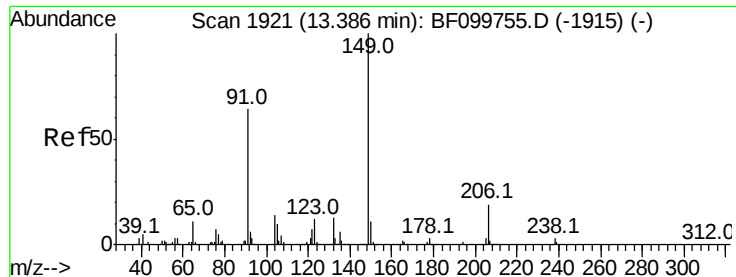
Tot Ion:202 Resp: 647264
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.7 14.3 21.5



#78
Terphenyl-d14
Concen: 83.616 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:244 Resp: 754957
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.4 11.0 16.4

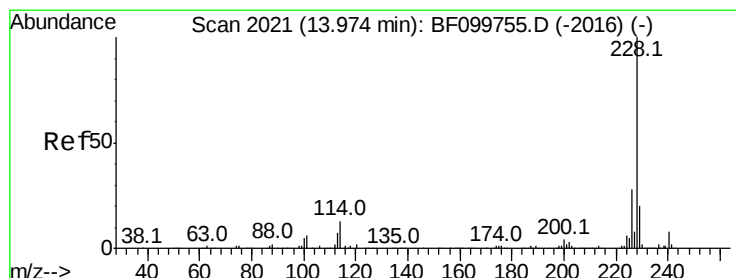
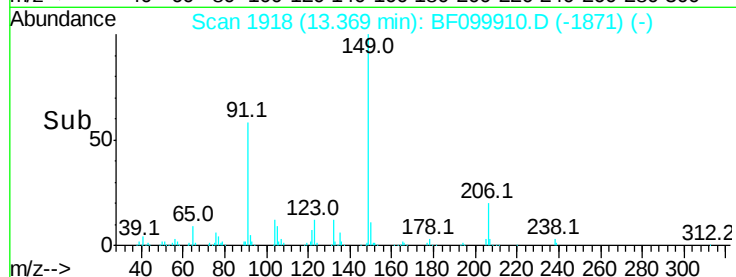
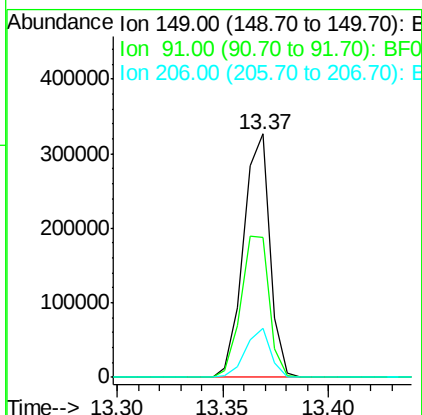
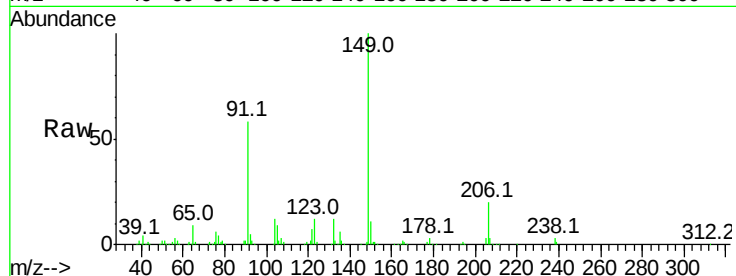




#79
Butylbenzylphthalate
Concen: 38.339 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

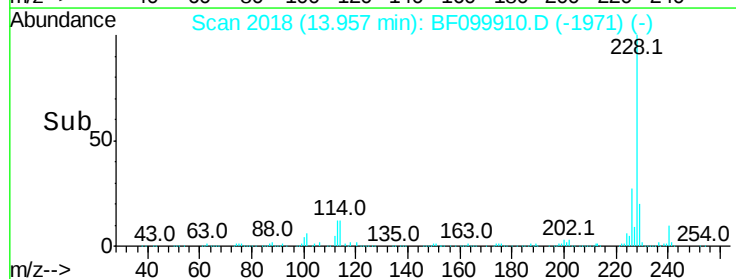
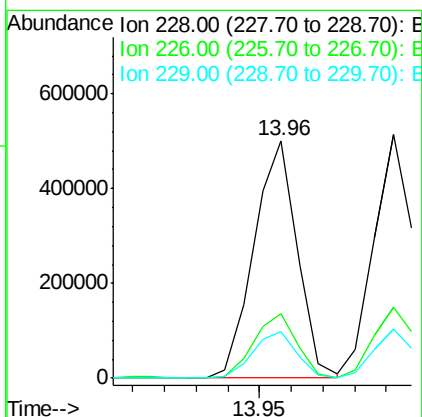
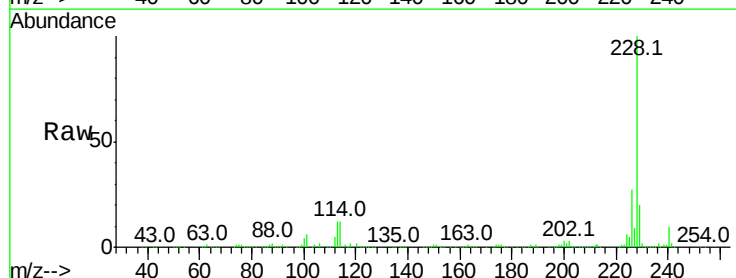
Instrument :
BNA_F
ClientSampleId :

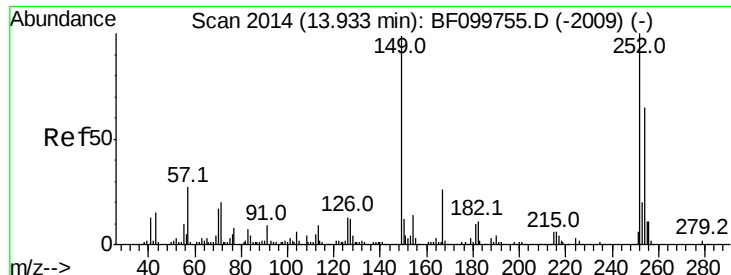
Tot Ion:149 Resp: 283258
Ion Ratio Lower Upper
149 100
91 57.5 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 37.876 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:228 Resp: 473765
Ion Ratio Lower Upper
228 100
226 26.9 22.6 33.8
229 19.6 15.8 23.6

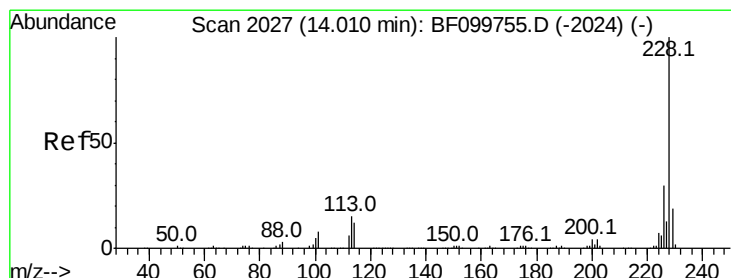
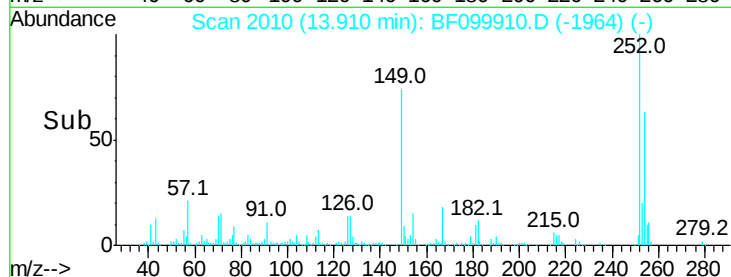
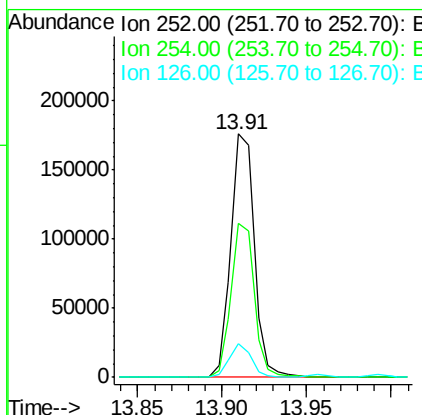
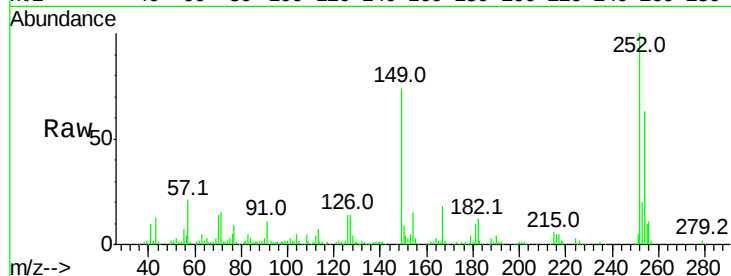




#81
 3,3'-Dichlorobenzidine
 Concen: 37.554 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.03 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

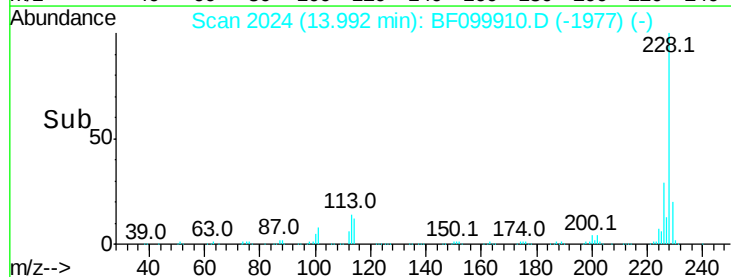
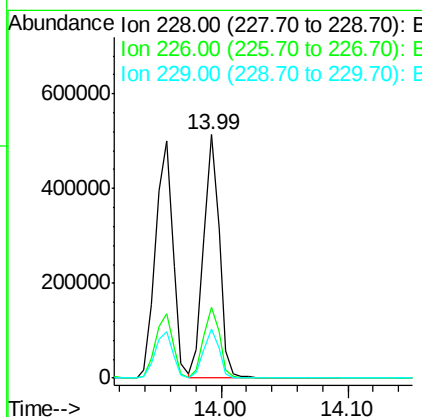
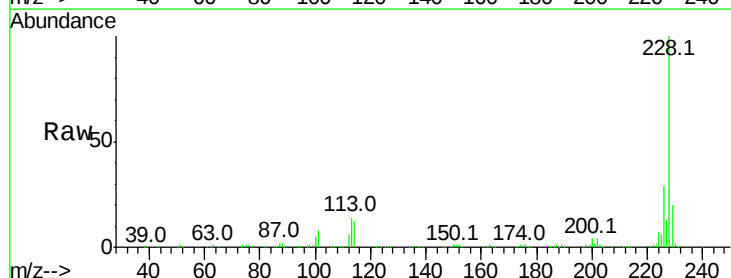
Instrument :
 BNA_F
 ClientSampleId :

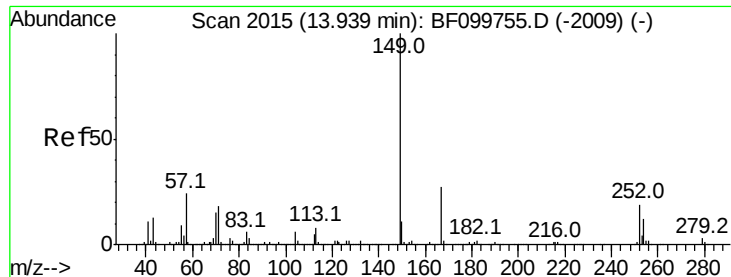
Tot Ion:252 Resp: 170514
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 13.9 11.3 16.9



#82
 Chrysene
 Concen: 37.964 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion:228 Resp: 446436
 Ion Ratio Lower Upper
 228 100
 226 29.2 25.0 37.6
 229 19.9 16.2 24.4

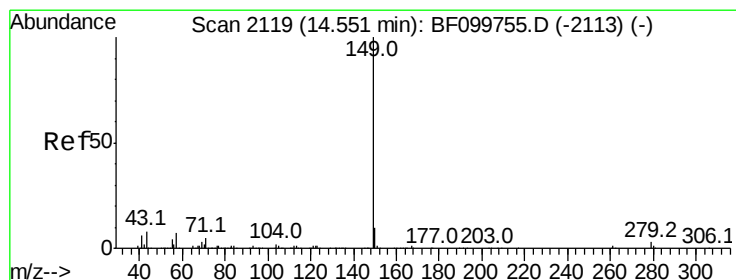
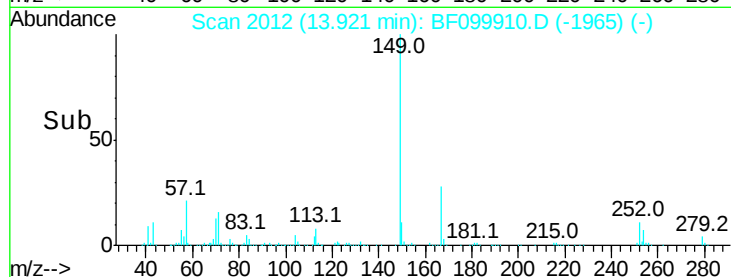
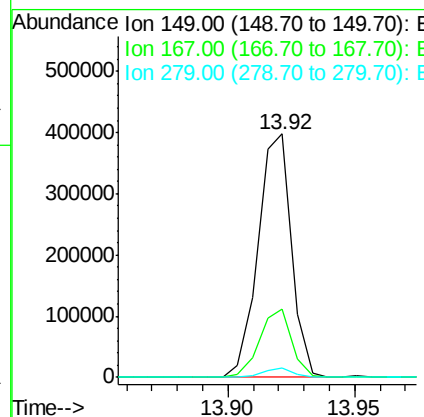
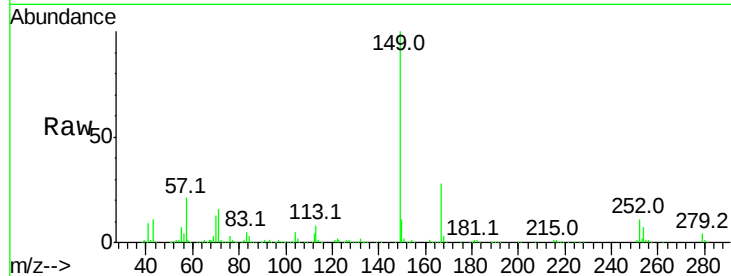




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.247 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

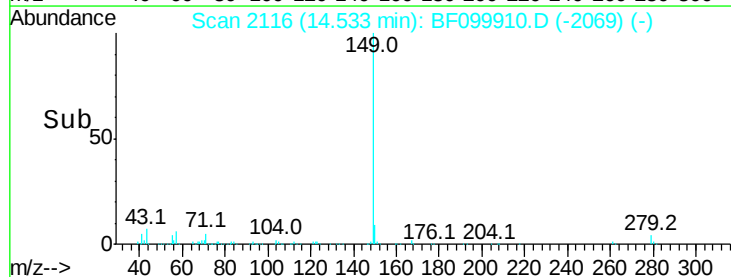
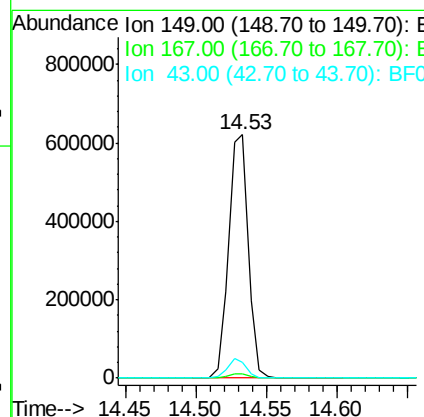
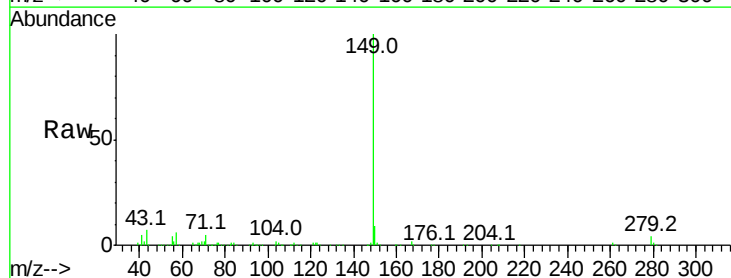
Instrument :
 BNA_F
 ClientSampleId :

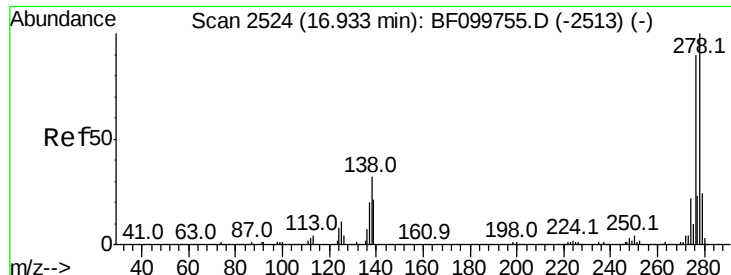
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.3	31.9
279	3.7	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 33.662 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.4	8.4	12.6

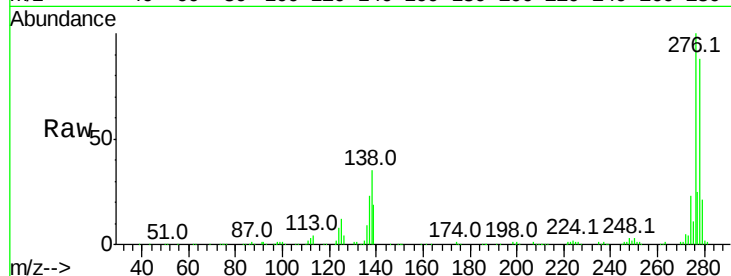




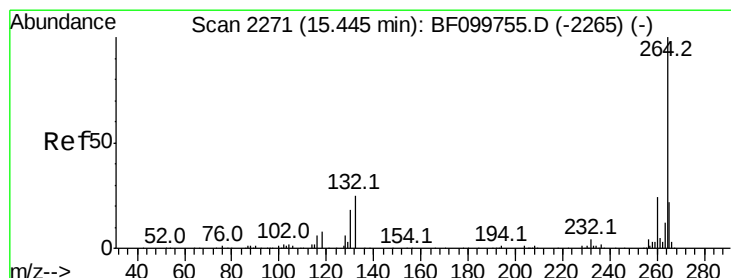
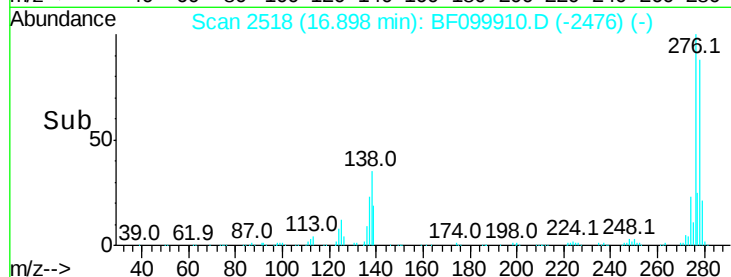
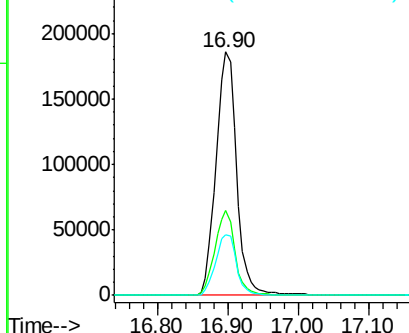
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.235 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.05 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	25.0	37.6
277	25.4	20.1	30.1

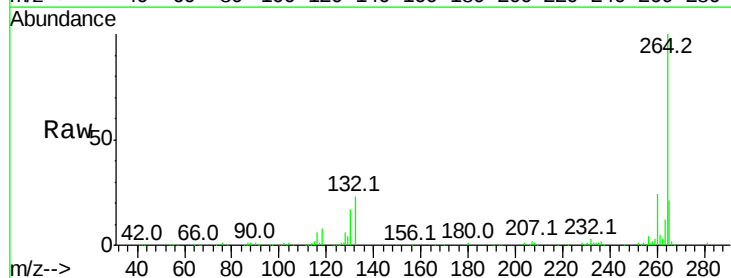


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

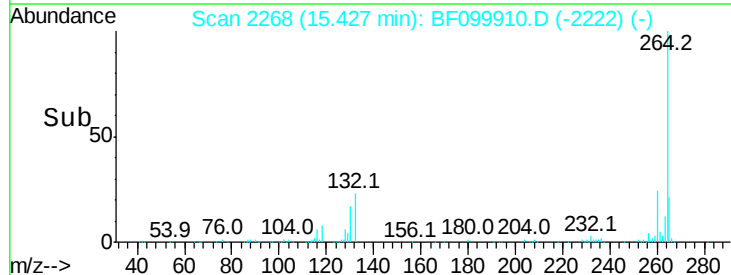
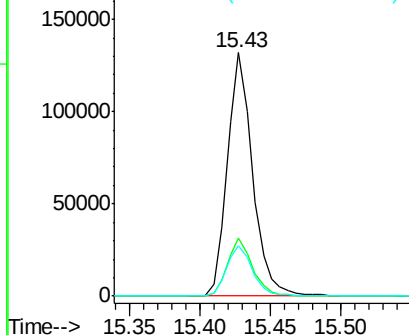


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099910.D
 Acq: 28 Oct 2017 11:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.8	17.5	26.3



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

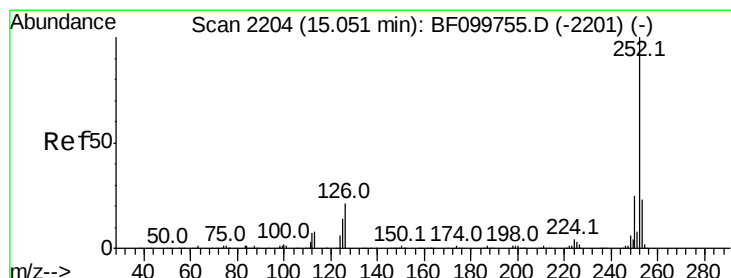
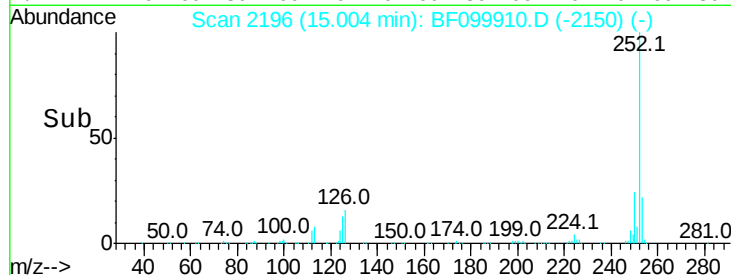
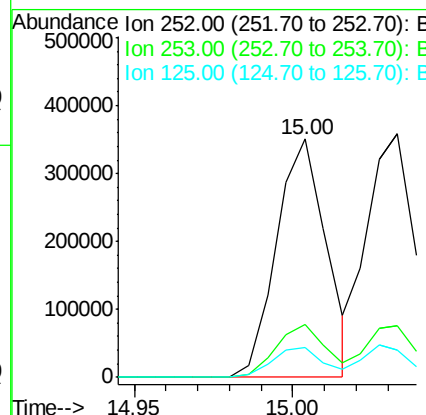
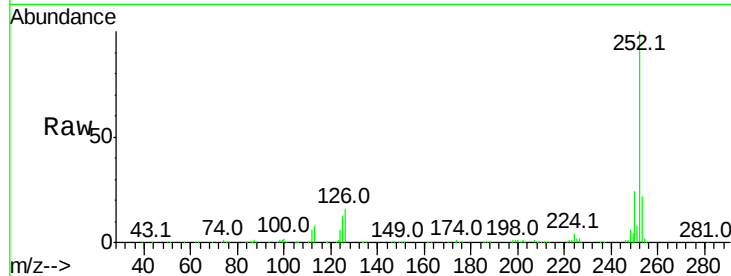




#87
Benzo(b)fluoranthene
Concen: 36.960 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

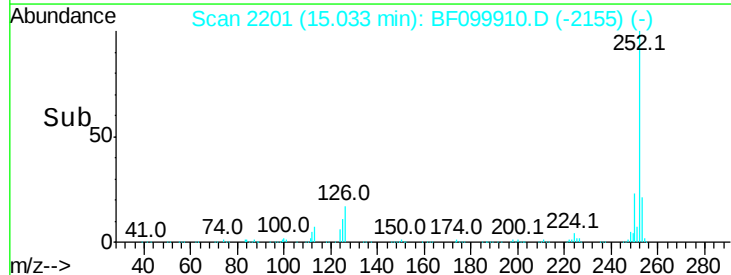
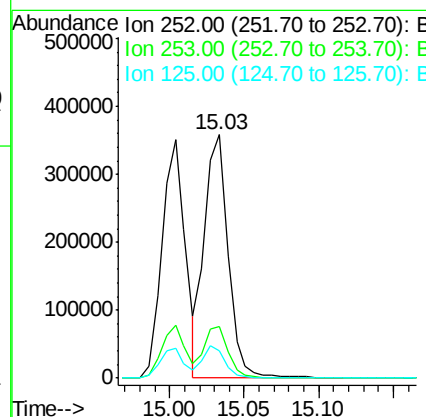
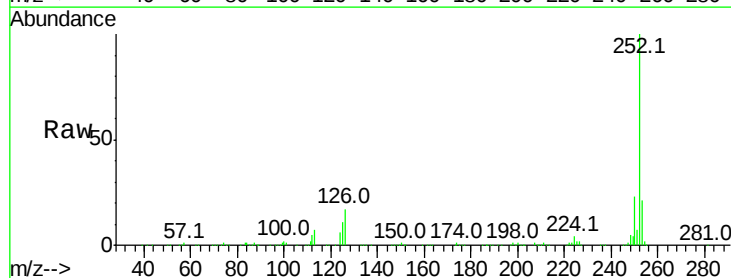
Instrument :
BNA_F
ClientSampleId :

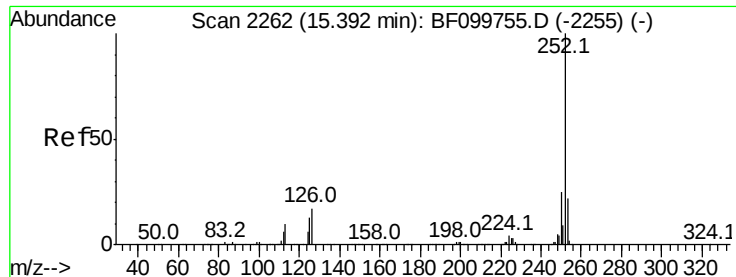
Tot Ion:252 Resp: 384028
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.085 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099910.D
Acq: 28 Oct 2017 11:46

Tgt Ion:252 Resp: 392739
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 11.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.644 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :

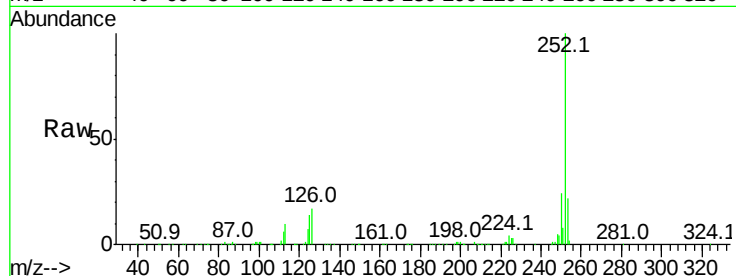
Tot Ion:252 Resp: 360684

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

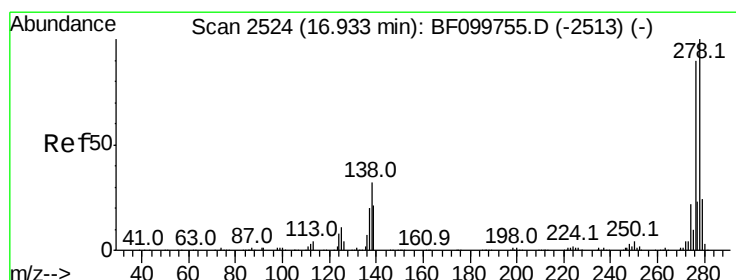
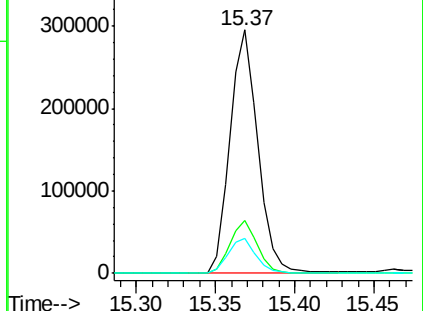
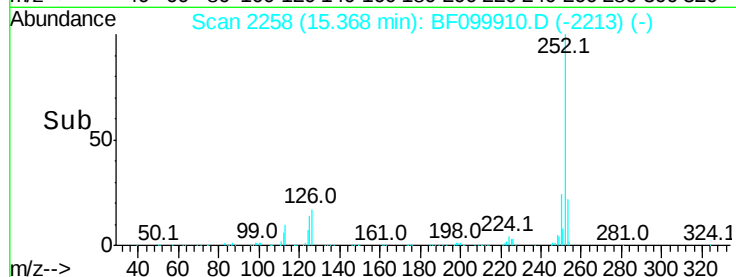
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.785 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.05 min

Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

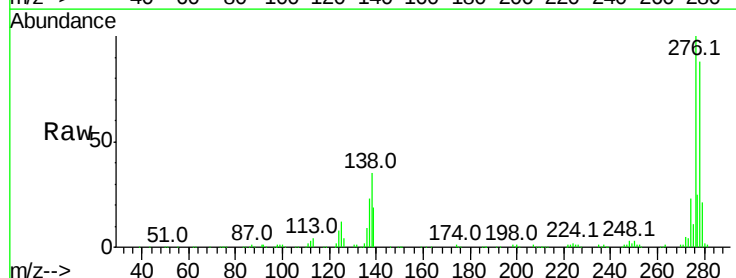
Tgt Ion:278 Resp: 321658

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

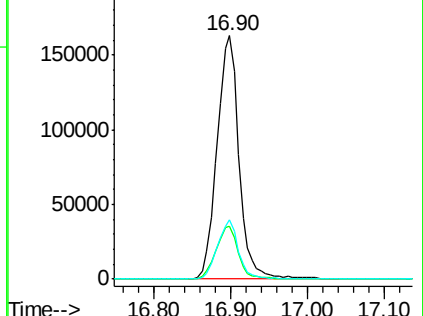
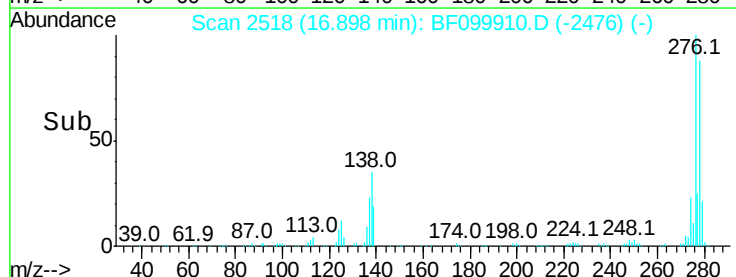
279 24.2 19.0 28.4

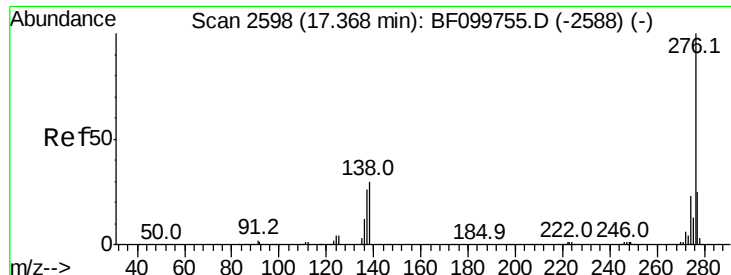


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.525 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.06 min

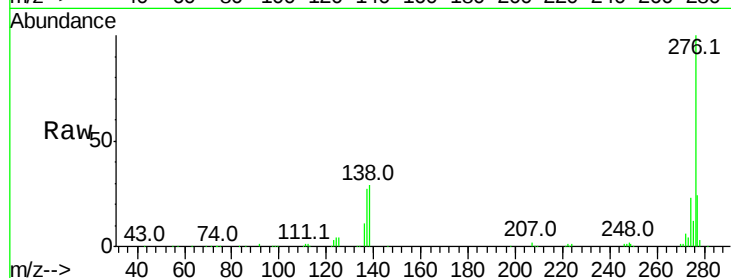
Lab File: BF099910.D

Acq: 28 Oct 2017 11:46

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 320699

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 29.1 21.8 32.8

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

