

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099913.D
 Acq On : 28 Oct 2017 13:21
 Operator : SJ/JU
 Sample : PB103670BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 01:55:14 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	80158	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	337824	20.00	ng	-0.01
38) Acenaphthene-d10	9.83	164	162212	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	271256	20.00	ng	-0.02
75) Chrysene-d12	13.97	240	144092	20.00	ng	-0.02
86) Perylene-d12	15.43	264	136605	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	686831	134.52	ng	0.01
7) Phenol-d6	6.44	99	813988	134.46	ng	0.00
23) Nitrobenzene-d5	7.36	82	478891	91.26	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	178604	120.82	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1044678	99.36	ng	-0.01
78) Terphenyl-d14	12.90	244	746298	113.19	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	83590	37.074	ng	# 90
3) Pyridine	3.37	79	204623	37.740	ng	87
4) n-Nitrosodimethylamine	3.32	42	80451	41.534	ng	# 68
6) Aniline	6.46	93	163663	20.850	ng	# 86
8) 2-Chlorophenol	6.58	128	252701	46.439	ng	90
9) Benzaldehyde	6.35	77	64962	17.957	ng	87
10) Phenol	6.45	94	288894	43.463	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	229680	44.747	ng	95
12) 1,3-Dichlorobenzene	6.80	146	278924	45.651	ng	96
13) 1,4-Dichlorobenzene	6.80	146	278924	44.980	ng	97
14) 1,2-Dichlorobenzene	6.96	146	252578	44.692	ng	97
15) Benzyl Alcohol	6.95	79	168753	43.831	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	288243	50.553	ng	# 10
17) 2-Methylphenol	7.06	107	198748	43.664	ng	# 92
18) Hexachloroethane	7.29	117	91494	44.225	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	155278	43.768	ng	91
20) 3+4-Methylphenols	7.21	107	260768	49.202	ng	# 80
22) Acetophenone	7.20	105	332274	43.198	ng	# 96
24) Nitrobenzene	7.38	77	232330	43.943	ng	89
25) Isophorone	7.62	82	450673	47.332	ng	97
26) 2-Nitrophenol	7.69	139	144666	47.773	ng	# 84
27) 2,4-Dimethylphenol	7.73	122	228014	51.103	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	302602	45.379	ng	99
29) 2,4-Dichlorophenol	7.94	162	222390	47.980	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	225089	45.451	ng	98
31) Naphthalene	8.09	128	734853	45.064	ng	99
32) Benzoic acid	7.87	122	68913	17.547	ng	93
33) 4-Chloroaniline	8.15	127	109685	16.289	ng	94
34) Hexachlorobutadiene	8.20	225	113644	44.613	ng	99
35) Caprolactam	8.54	113	37376	25.642	ng	# 71
36) 4-Chloro-3-methylphenol	8.65	107	215752	45.605	ng	93
37) 2-Methylnaphthalene	8.78	142	519890	47.574	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	219002	41.802	ng	97
40) Hexachlorocyclopentadiene	8.93	237	47384	51.370	ng	97

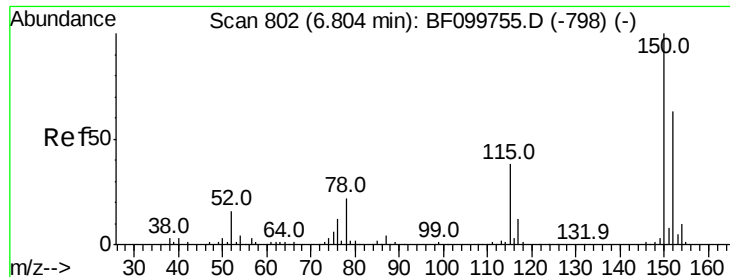
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	140880	44.456	nq	97
43) 2,4,5-Trichlorophenol	9.12	196	135145	40.187	nq	# 94
45) 1,1'-Biphenyl	9.25	154	620051	42.254	nq	98
46) 2-Chloronaphthalene	9.27	162	472889	44.373	nq	97
47) 2-Nitroaniline	9.39	65	120575	43.108	nq	# 78
48) Acenaphthylene	9.69	152	698818	42.574	nq	100
49) Dimethylphthalate	9.55	163	555977	43.281	nq	100
50) 2,6-Dinitrotoluene	9.63	165	122890	45.506	nq	# 76
51) Acenaphthene	9.86	154	423875	42.263	nq	98
52) 3-Nitroaniline	9.80	138	79014	24.832	nq	84
53) 2,4-Dinitrophenol	9.93	184	17734	21.196	nq	87
54) Dibenzofuran	10.03	168	634308	44.805	nq	97
55) 4-Nitrophenol	9.98	139	91056	54.768	nq	82
56) 2,4-Dinitrotoluene	10.04	165	147184	45.257	nq	# 85
57) Fluorene	10.38	166	510098	43.517	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	98395	41.731	nq	91
59) Diethylphthalate	10.25	149	543552	43.330	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	240835	43.656	nq	95
61) 4-Nitroaniline	10.42	138	103954	34.242	nq	82
62) Azobenzene	10.53	77	455108	43.279	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	26519	15.552	nq	# 72
65) n-Nitrosodiphenylamine	10.49	169	451983	45.138	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	140655	49.255	nq	# 87
67) Hexachlorobenzene	10.93	284	138637	47.454	nq	93
68) Atrazine	11.02	200	136546	45.397	nq	98
69) Pentachlorophenol	11.13	266	67337	53.940	nq	98
70) Phenanthrene	11.35	178	673821	44.017	nq	99
71) Anthracene	11.40	178	703080	45.247	nq	99
72) Carbazole	11.56	167	577384	39.513	nq	98
73) Di-n-butylphthalate	11.87	149	817028	43.837	nq	98
74) Fluoranthene	12.53	202	600696	37.759	nq	97
76) Benzidine	12.66	184	79846	12.664	nq	98
77) Pyrene	12.76	202	582369	53.152	nq	99
79) Butylbenzylphthalate	13.37	149	265946	49.291	nq	88
80) Benzo(a)anthracene	13.96	228	407803	44.644	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	84294	25.422	nq	99
82) Chrysene	13.99	228	392574	45.714	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	365134	48.191	nq	98
84) Di-n-octyl phthalate	14.53	149	566189	43.538	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.91	276	441727	56.031	nq	96
87) Benzo(b)fluoranthene	15.00	252	377501	43.763	nq	98
88) Benzo(k)fluoranthene	15.03	252	390142	47.964	nq	99
89) Benzo(a)pyrene	15.37	252	375845	48.505	nq	96
90) Dibenzo(a,h)anthracene	16.90	278	372224	54.062	nq	98
91) Benzo(g,h,i)perylene	17.34	276	385911	57.291	nq	98

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

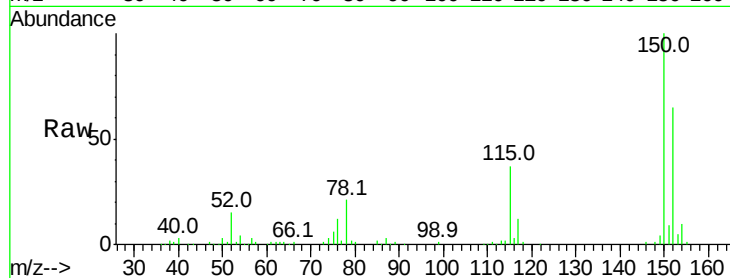


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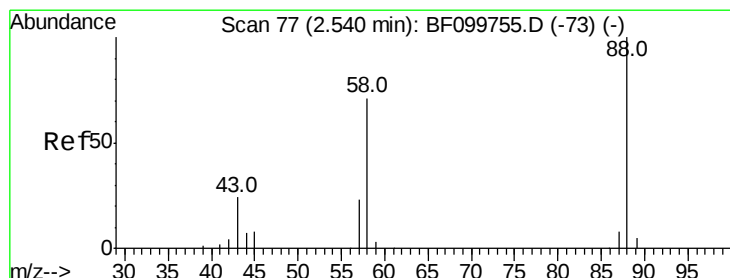
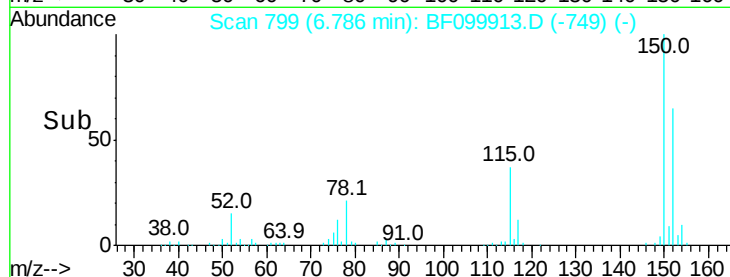
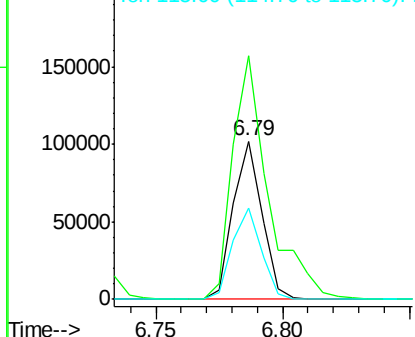
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80158
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 57.4 50.1 75.1



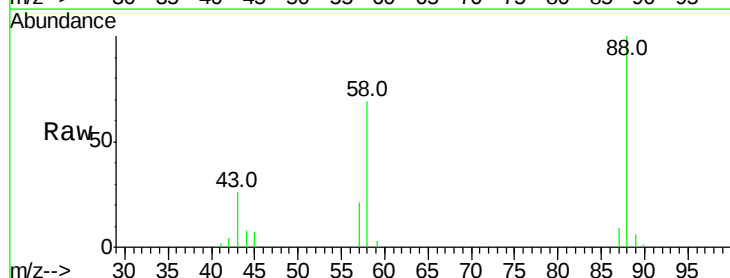
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



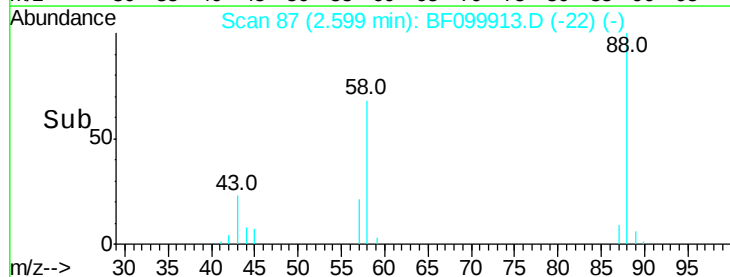
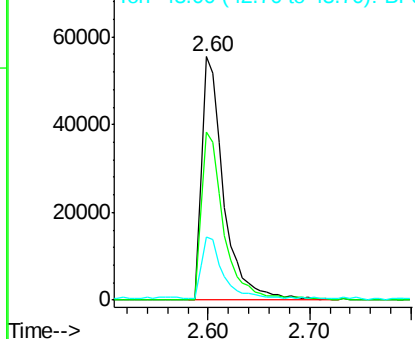
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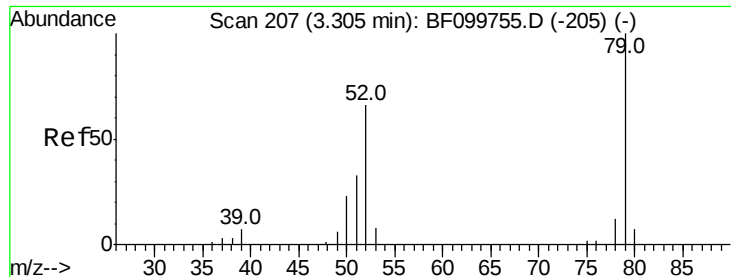
1,4-Dioxane
Concen: 37.074 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.08 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 88 Resp: 83590
Ion Ratio Lower Upper
88 100
58 70.6 62.6 93.8
43 24.1 24.6 37.0#



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

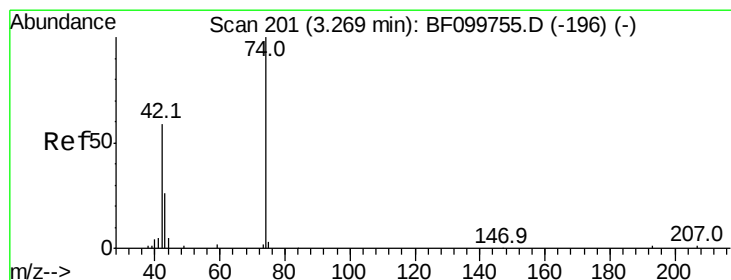
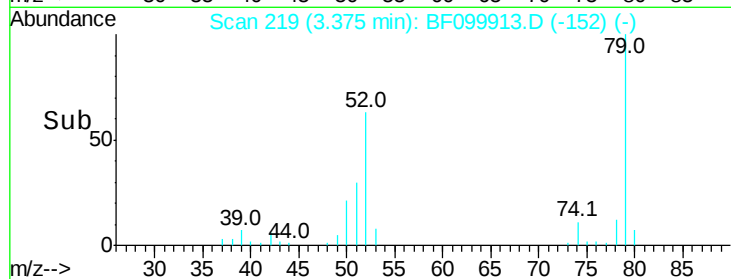
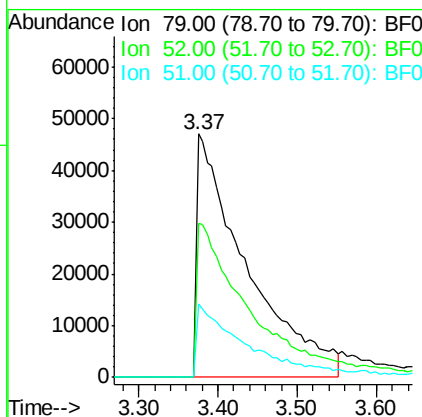
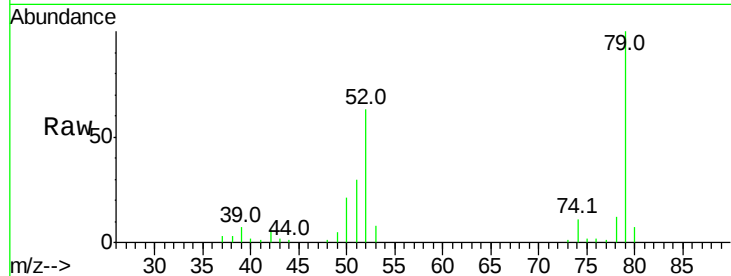




#3
 Pvridine
 Concen: 37.740 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.09 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

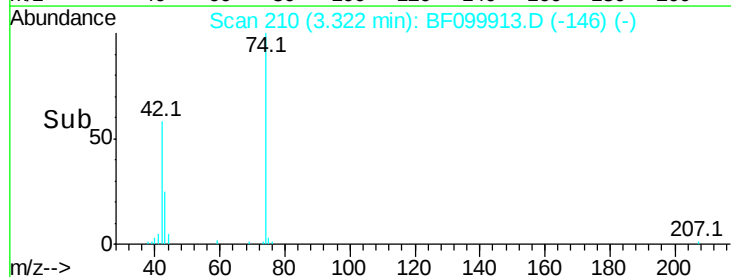
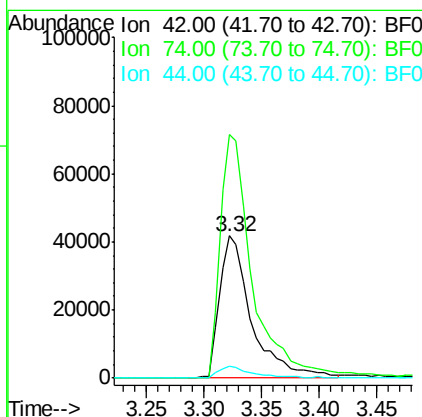
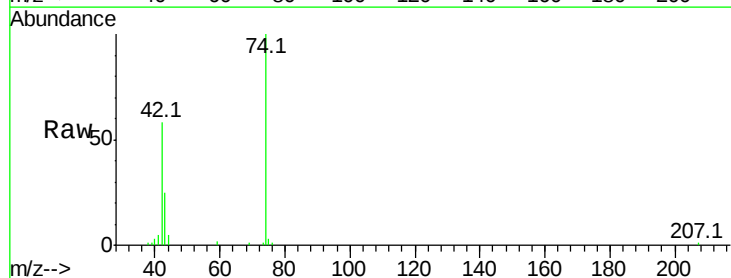
Instrument :
 BNA_F
 ClientSampleId :

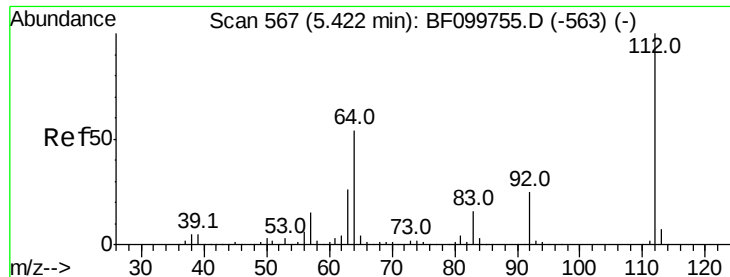
Tot Ion: 79 Resp: 204623
 Ion Ratio Lower Upper
 79 100
 52 63.3 59.8 89.6
 51 30.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.534 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.08 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion: 42 Resp: 80451
 Ion Ratio Lower Upper
 42 100
 74 171.0 104.9 157.3#
 44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 134.522 ng

RT: 5.43 min Scan# 568

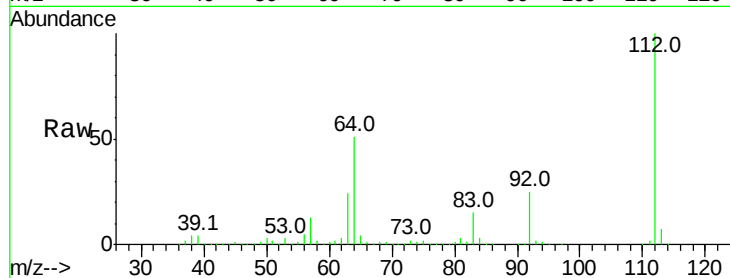
Delta R.T. 0.01 min

Lab File: BF099913.D

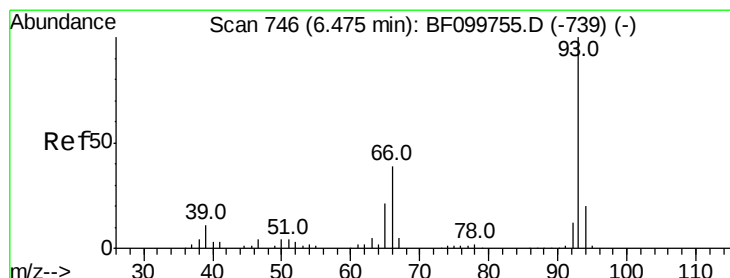
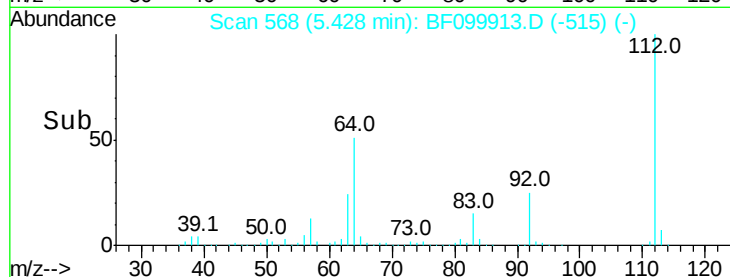
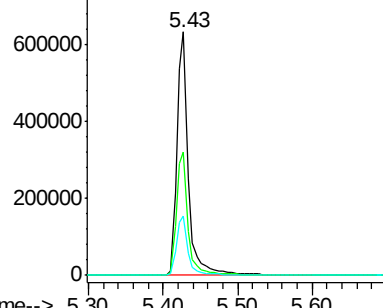
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	686831
Ion	Ratio	Lower	Upper
112	100		
64	50.8	47.9	71.9
63	24.2	23.7	35.5



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



#6

Aniline

Concen: 20.850 ng

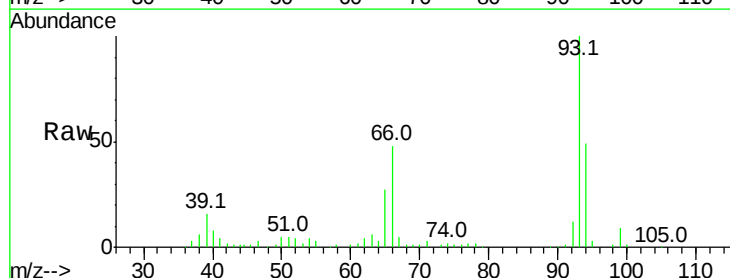
RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

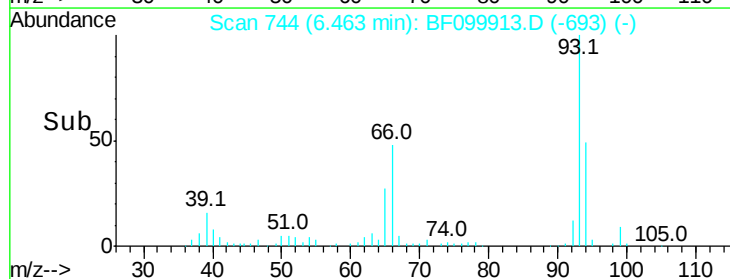
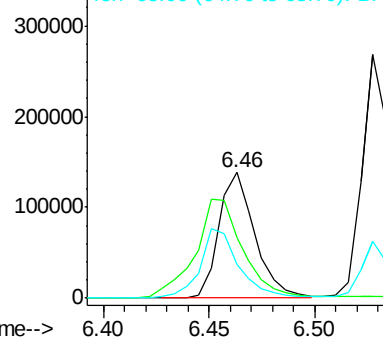
Lab File: BF099913.D

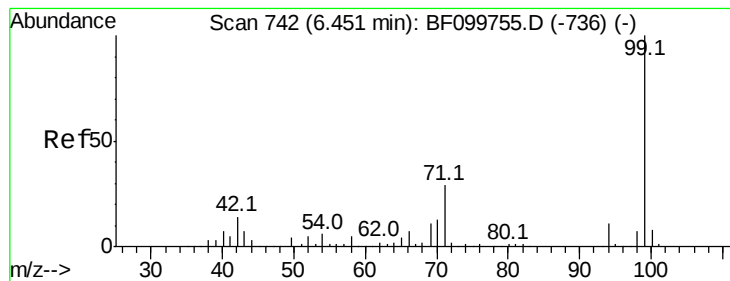
Acq: 28 Oct 2017 13:21

Tgt Ion:	93	Resp:	163663
Ion	Ratio	Lower	Upper
93	100		
66	48.4	32.2	48.2#
65	27.2	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: 134.456 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

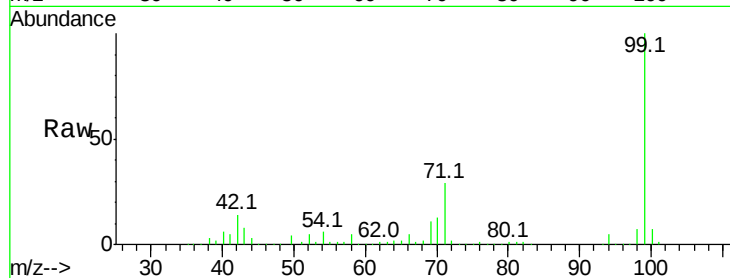
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 813988

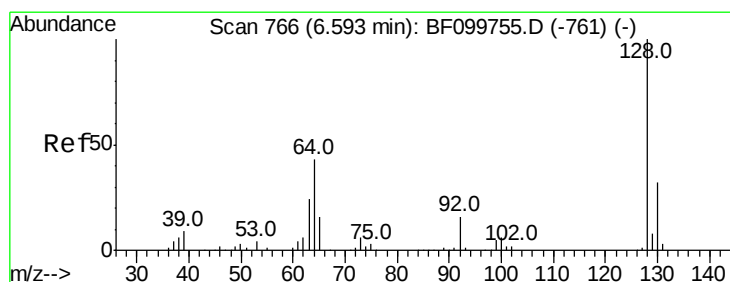
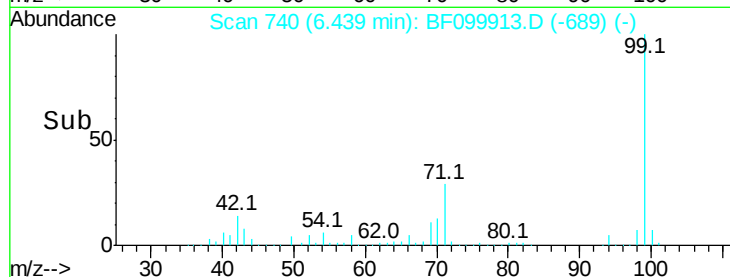
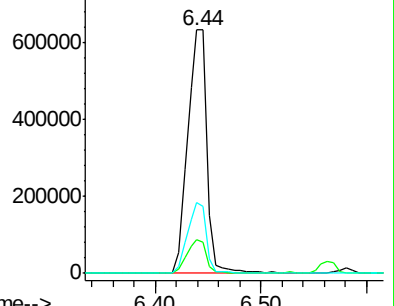
Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	29.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.439 ng

RT: 6.58 min Scan# 764

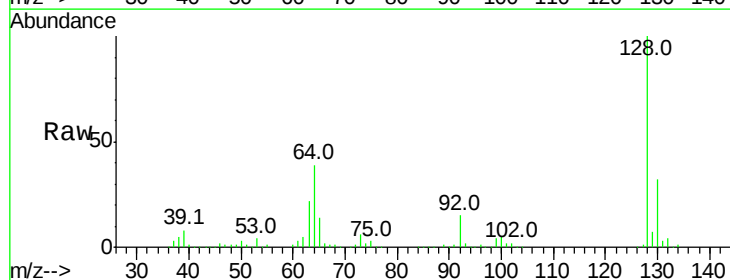
Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Tgt Ion: 128 Resp: 252701

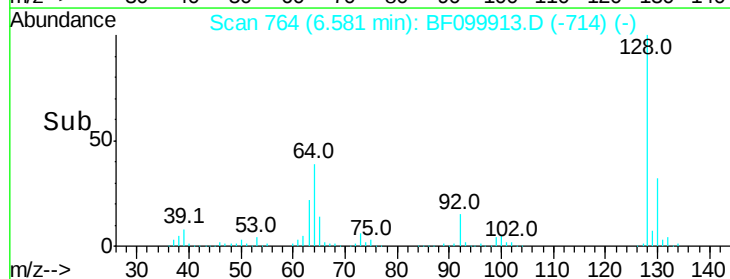
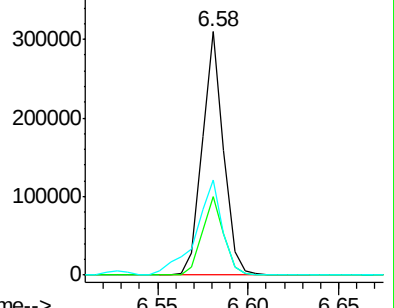
Ion	Ratio	Lower	Upper
128	100		
130	32.0	13.0	53.0
64	39.3	29.4	69.4

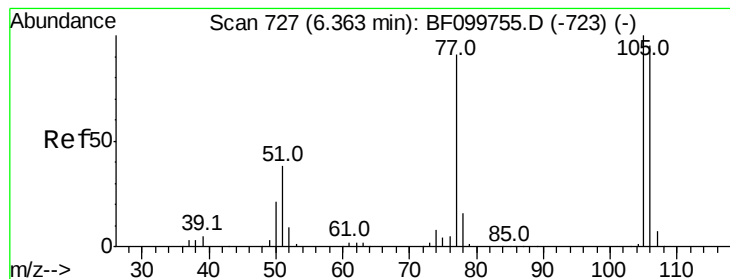


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.957 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

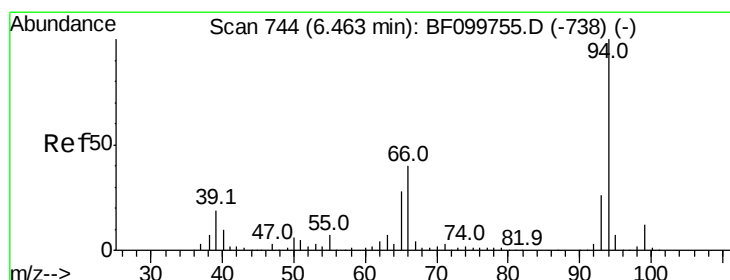
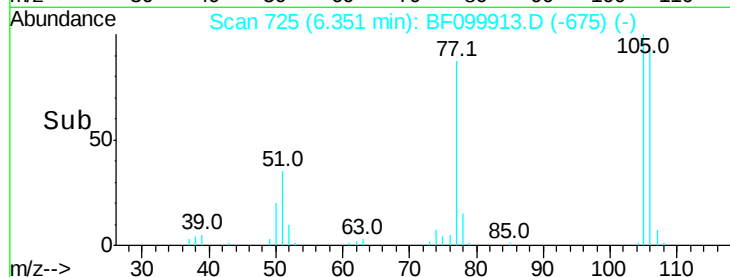
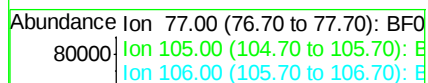
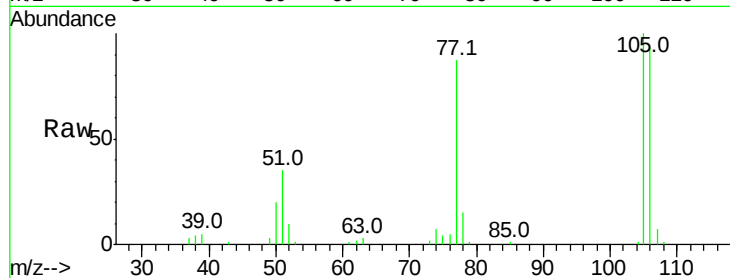
Tot Ion: 77 Resp: 64962

Ion Ratio Lower Upper

77 100

105 114.6 81.1 121.1

106 106.4 74.5 114.5



#10

Phenol

Concen: 43.463 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

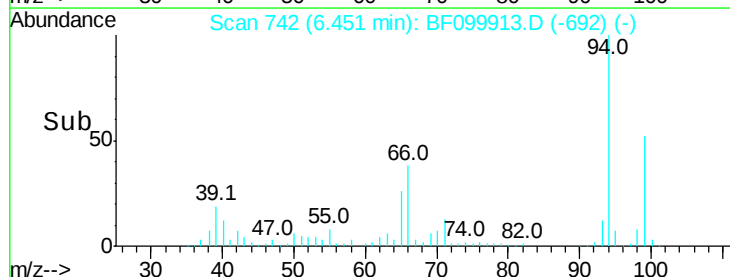
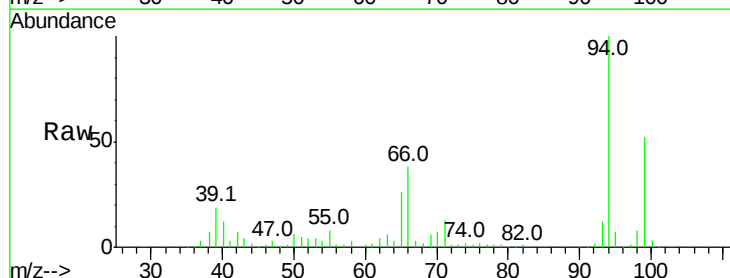
Tgt Ion: 94 Resp: 288894

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 37.8 16.2 56.2

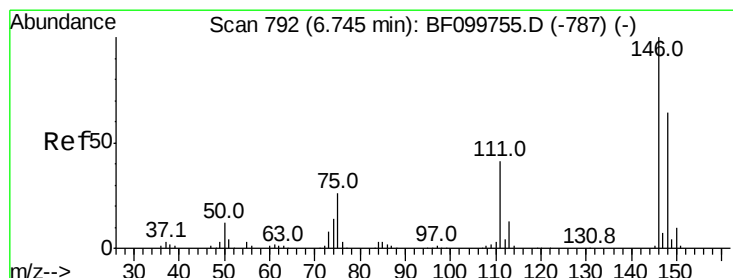
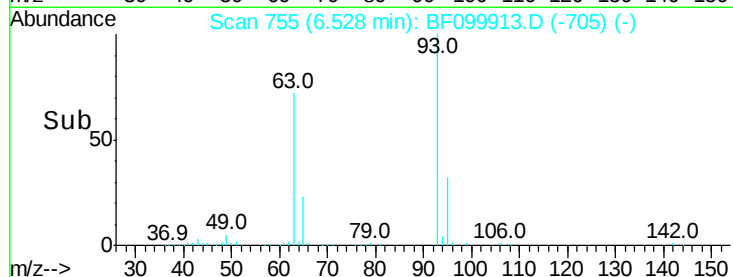
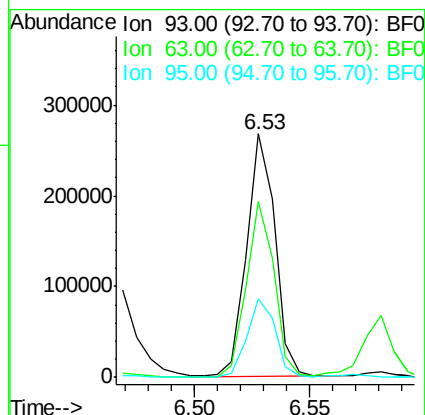
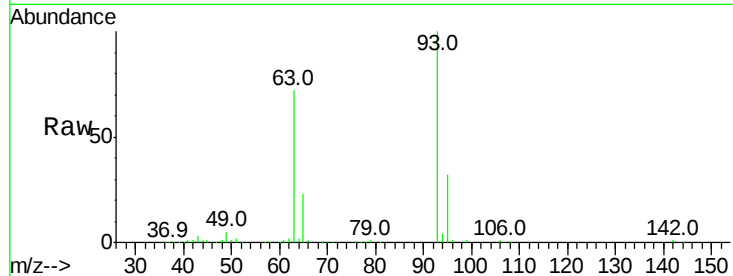




#11
bis(2-Chloroethyl)ether
Concen: 44.747 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

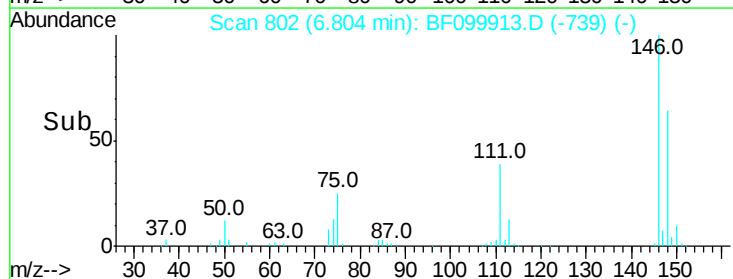
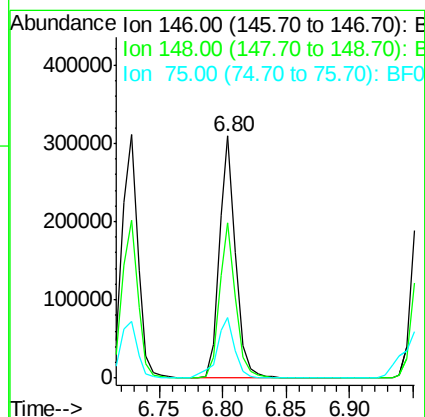
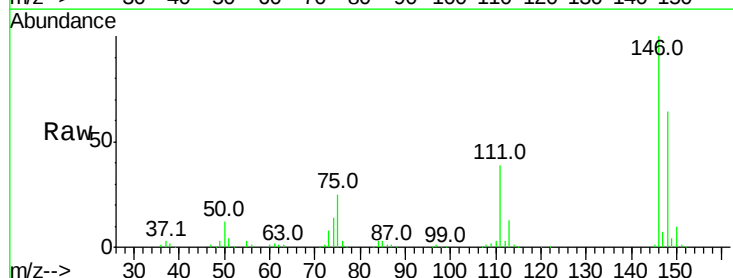
Instrument :
BNA_F
ClientSampleId :

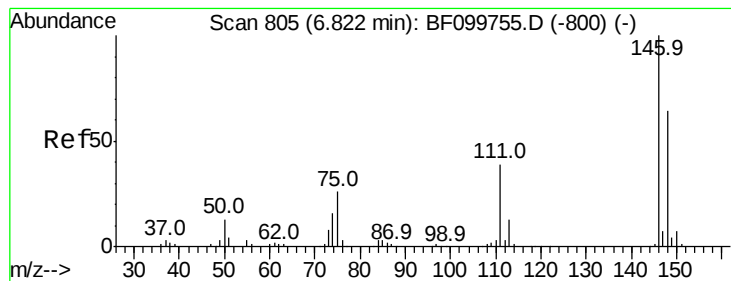
Tot Ion: 93 Resp: 229680
Ion Ratio Lower Upper
93 100
63 72.2 58.6 98.6
95 32.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 45.651 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.07 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 146 Resp: 278924
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
75 24.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 44.980 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

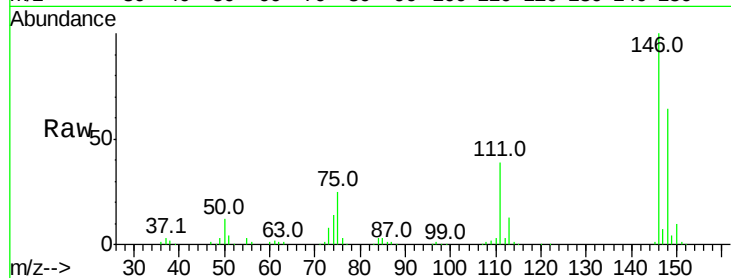
Tot Ion:146 Resp: 278924

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

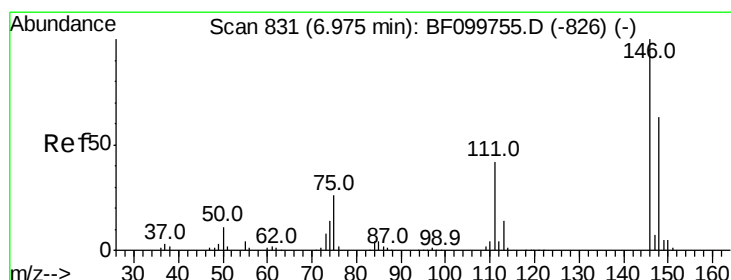
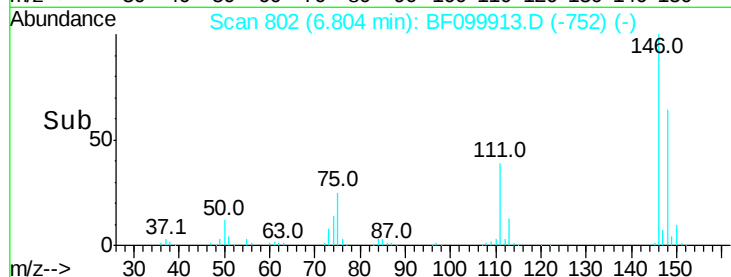
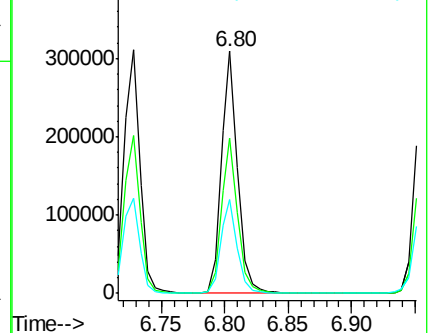
111 38.6 34.2 51.2



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: 44.692 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

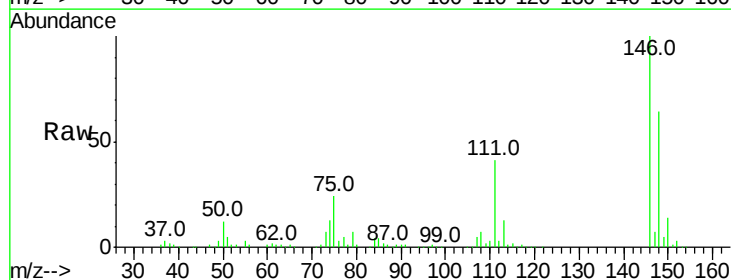
Tgt Ion:146 Resp: 252578

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

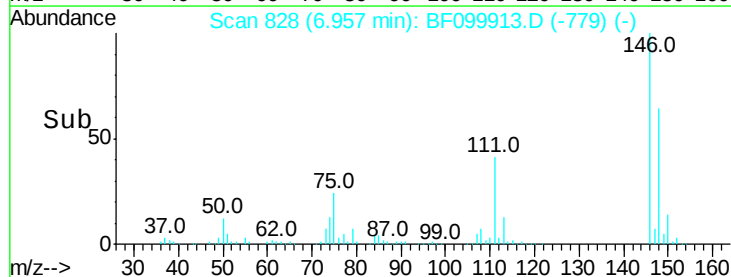
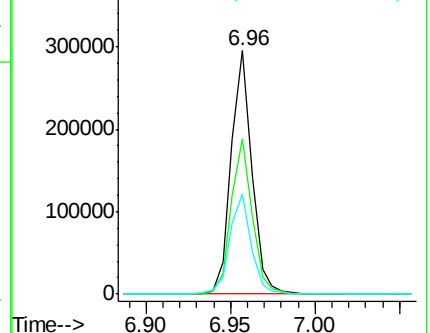
111 41.0 36.0 54.0

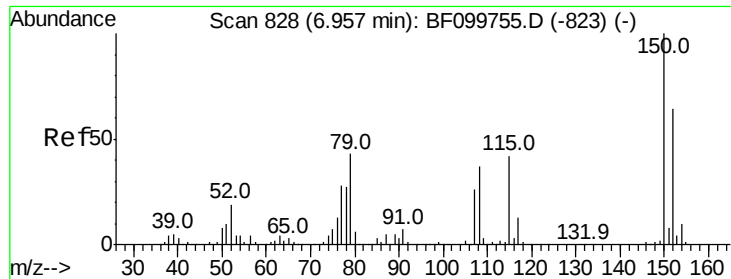


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

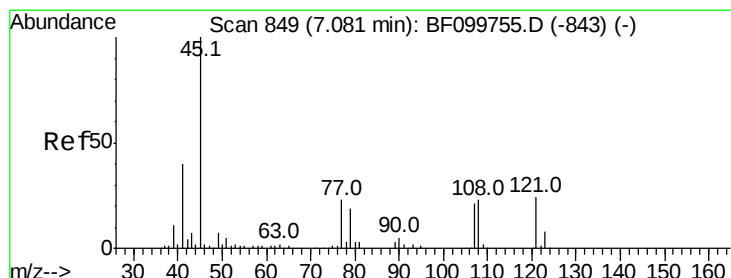
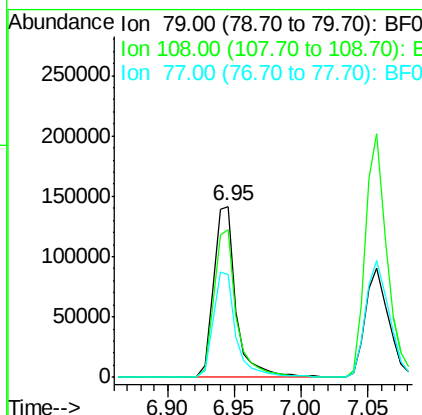
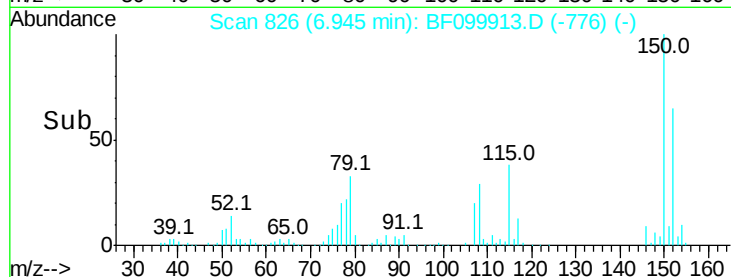
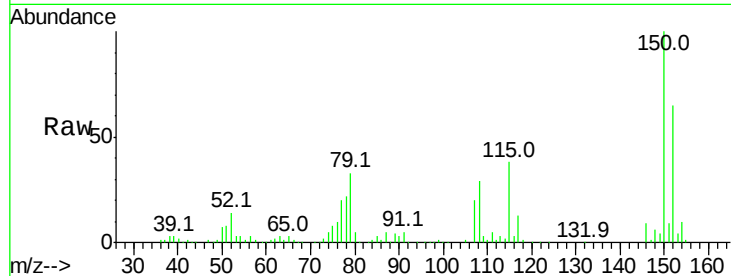




#15
Benzyl Alcohol
Concen: 43.831 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

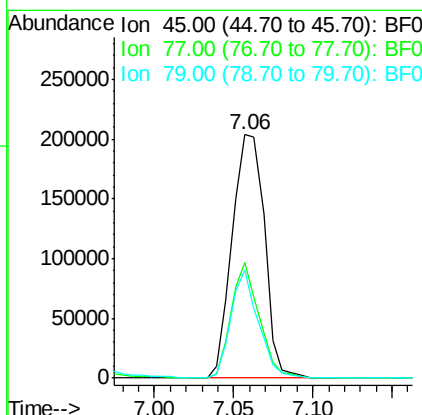
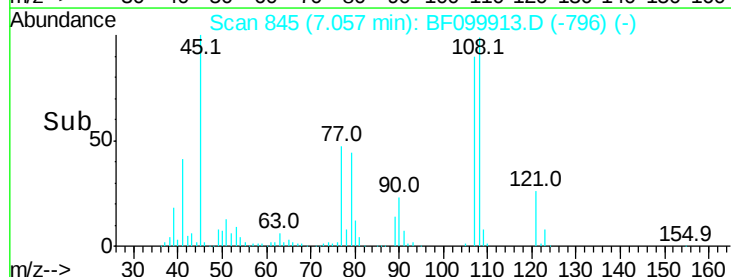
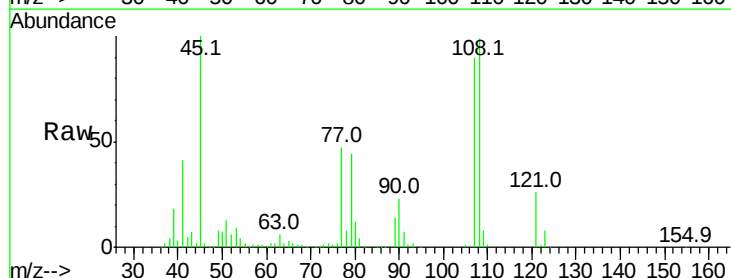
Instrument :
BNA_F
ClientSampleId :

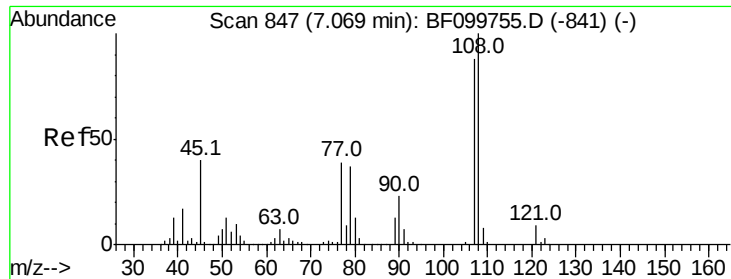
Tot Ion: 79 Resp: 168753
Ion Ratio Lower Upper
79 100
108 86.5 65.1 97.7
77 60.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 50.553 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 45 Resp: 288243
Ion Ratio Lower Upper
45 100
77 47.3 0.0 32.9#
79 44.1 0.0 29.6#





#17

2-Methylphenol

Concen: 43.664 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 198748

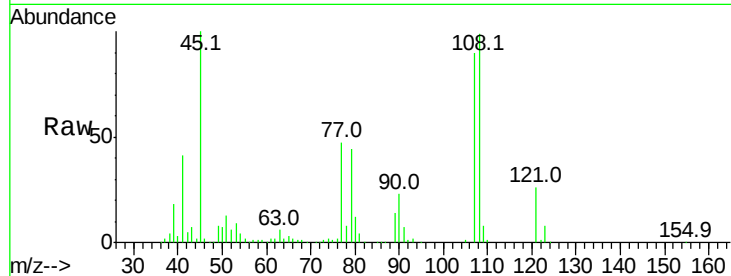
Ion Ratio Lower Upper

107 100

108 110.3 91.7 137.5

77 52.8 33.8 50.8#

79 49.2 33.8 50.8

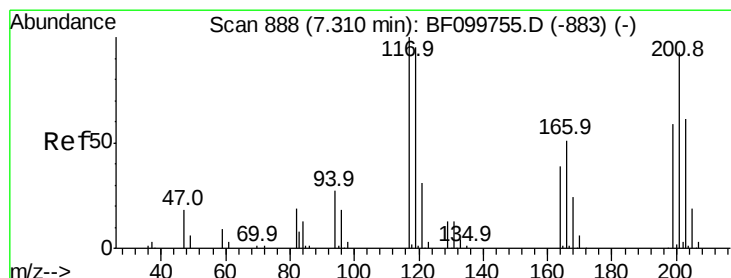
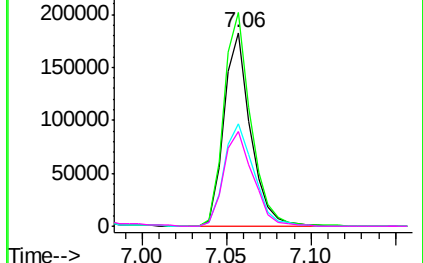
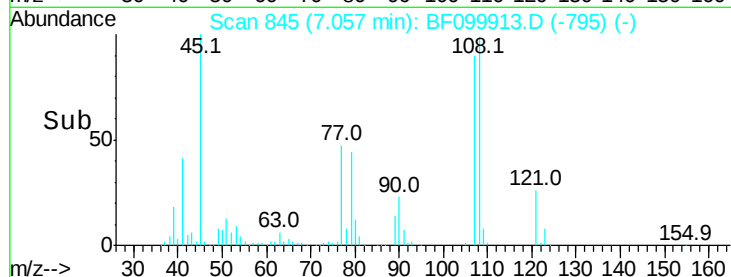


Abundance Ion 107.00 (106.70 to 107.70): E

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: 44.225 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

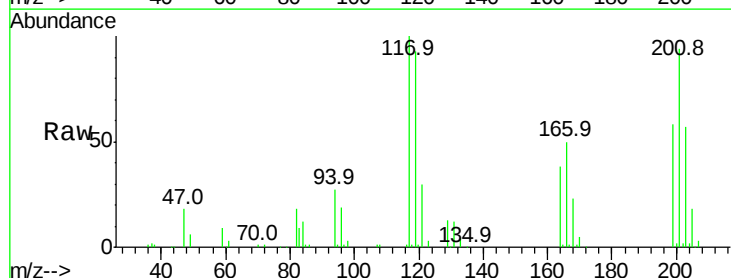
Tgt Ion:117 Resp: 91494

Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.8

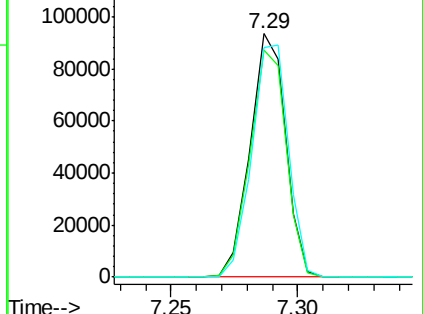
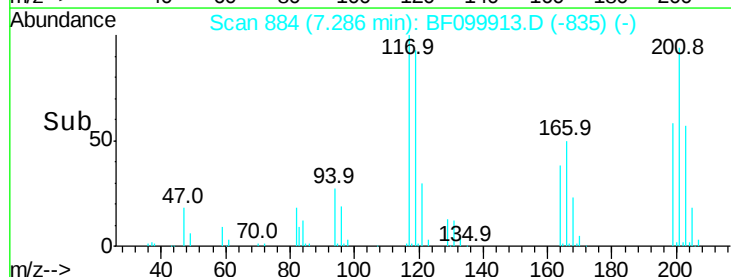
201 94.5 75.7 113.5

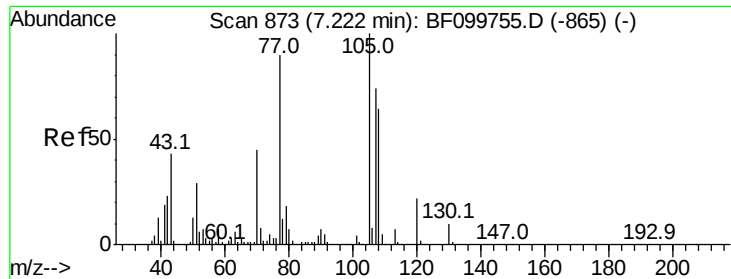


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

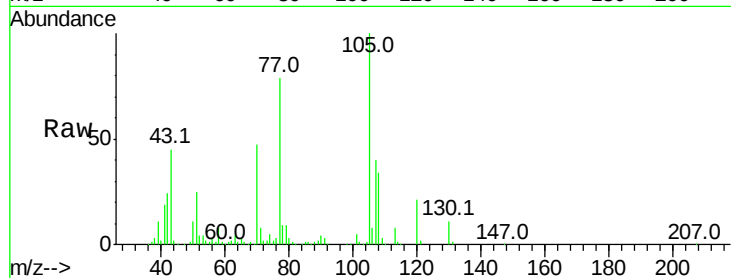




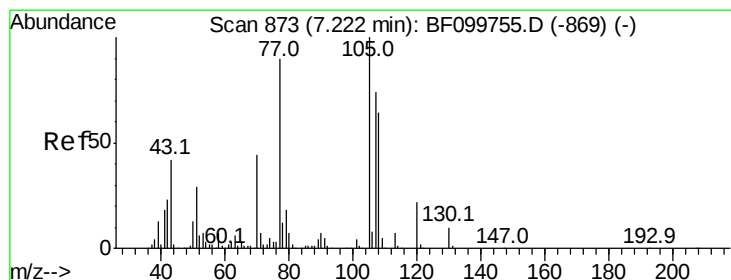
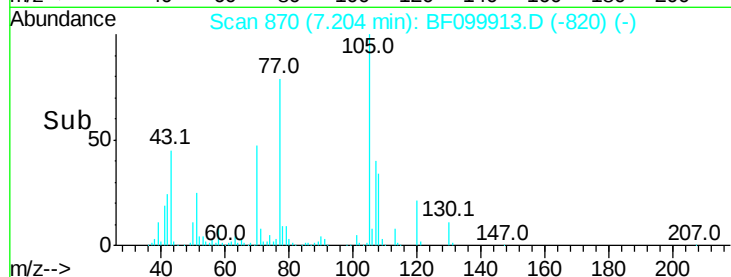
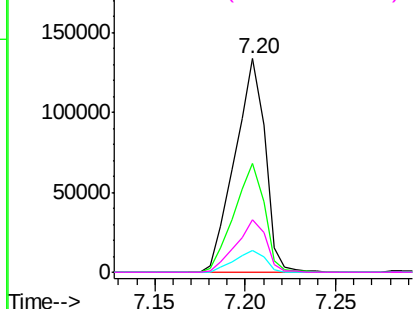
#19
n-Nitroso-di-n-propylamine
Concen: 43.768 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 155278
Ion Ratio Lower Upper
70 100
42 51.2 47.5 71.3
101 10.5 7.4 11.2
130 24.3 16.6 25.0



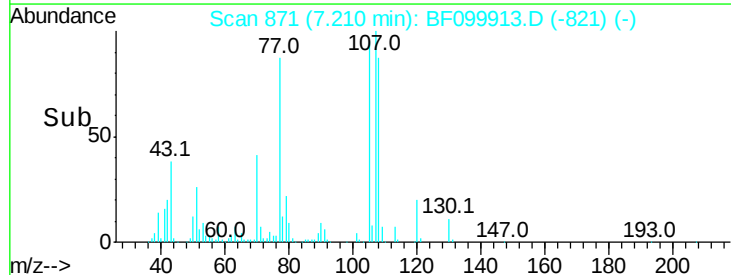
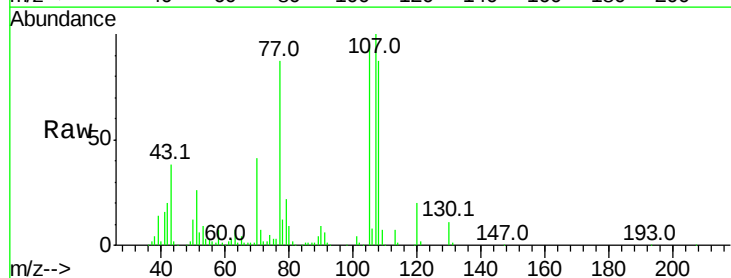
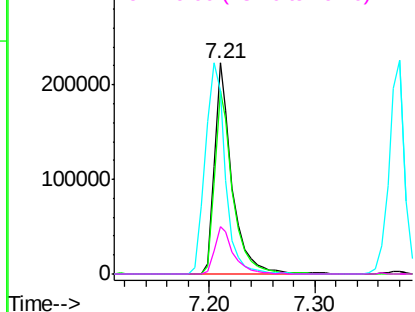
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

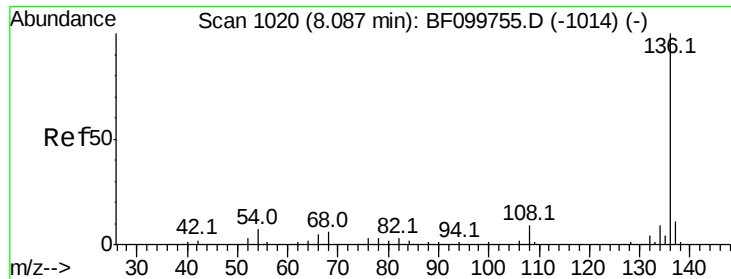


#20
3+4-Methylphenols
Concen: 49.202 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 107 Resp: 260768
Ion Ratio Lower Upper
107 100
108 86.6 68.2 108.2
77 86.9 26.7 66.7#
79 22.2 6.3 46.3

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

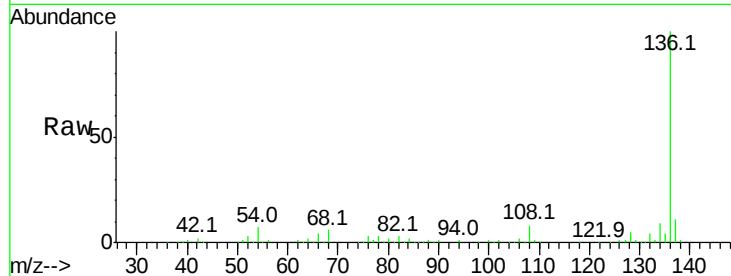




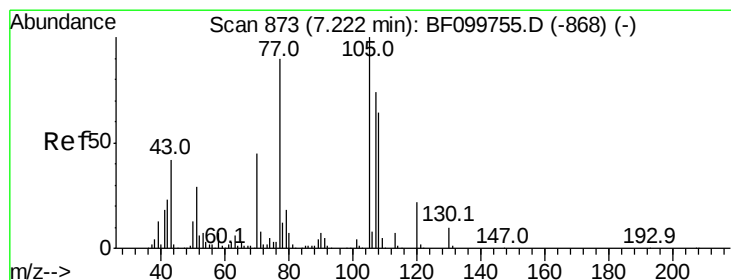
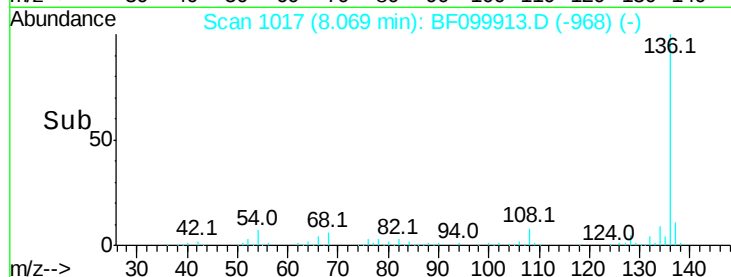
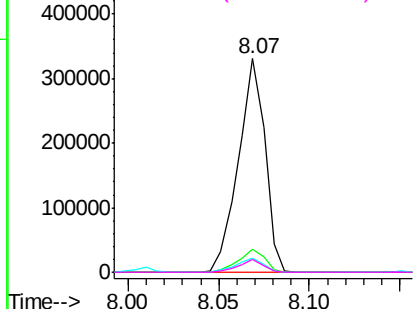
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	337824	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.9	13.3	
54 6.8	6.6	9.8	
68 5.7	5.0	7.4	

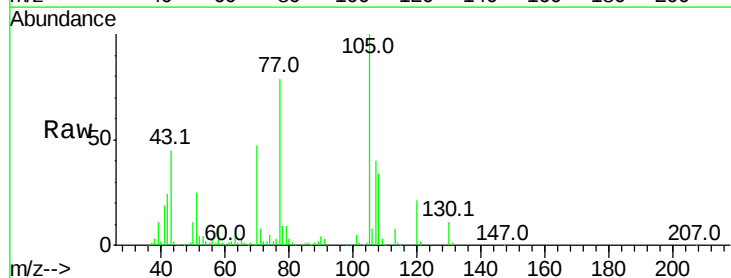


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

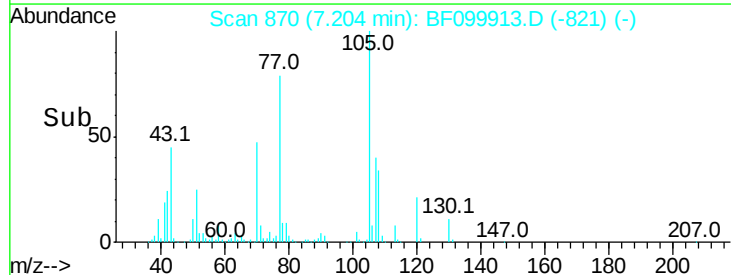
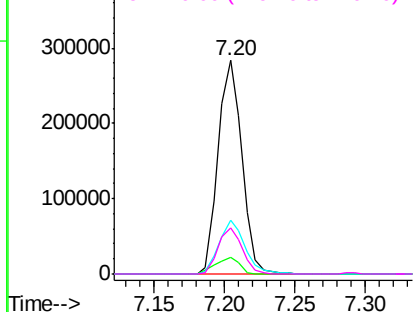


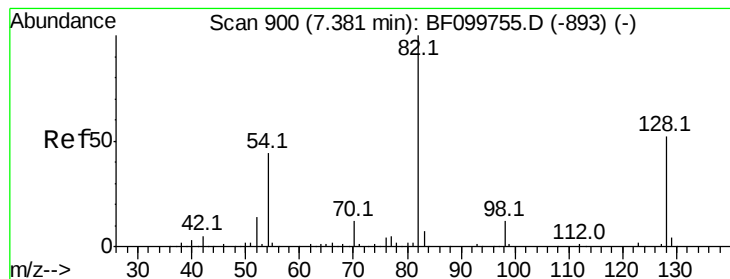
#22
Acetophenone
Concen: 43.198 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt	Ion:105	Resp:	332274
Ion	Ratio	Lower	Upper
105	100		
71	7.9	4.4	6.6#
51	25.3	22.3	33.5
120	21.5	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: 91.264 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampled :

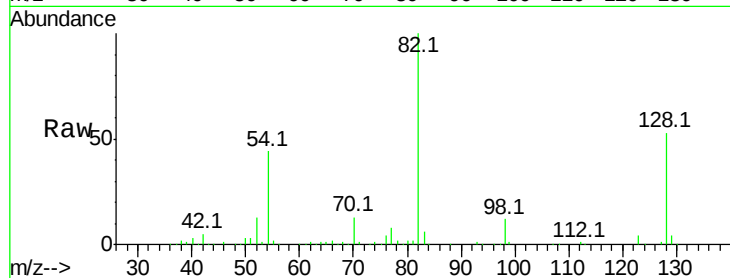
Tot Ion: 82 Resp: 478891

Ion Ratio Lower Upper

82 100

128 52.7 36.1 54.1

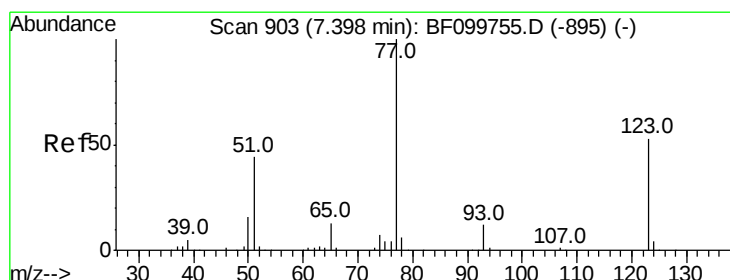
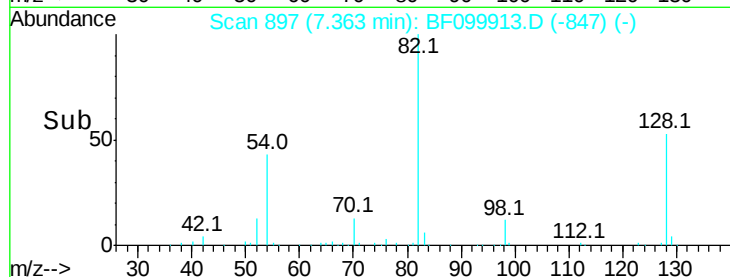
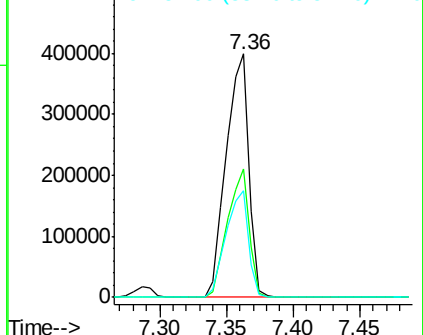
54 43.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 43.943 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

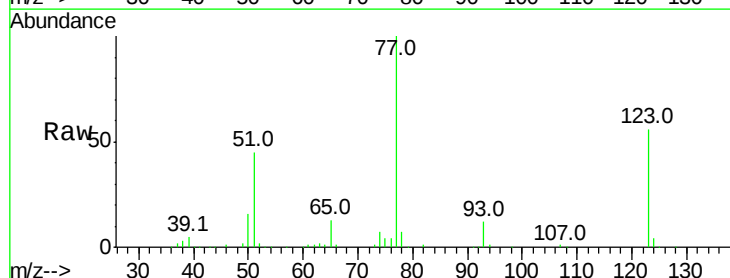
Tgt Ion: 77 Resp: 232330

Ion Ratio Lower Upper

77 100

123 56.3 37.9 56.9

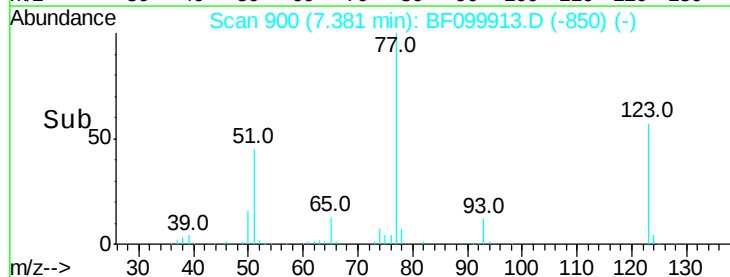
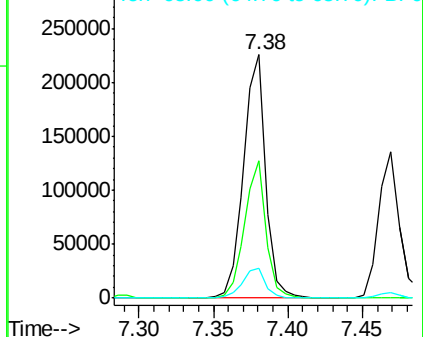
65 12.5 11.0 16.4

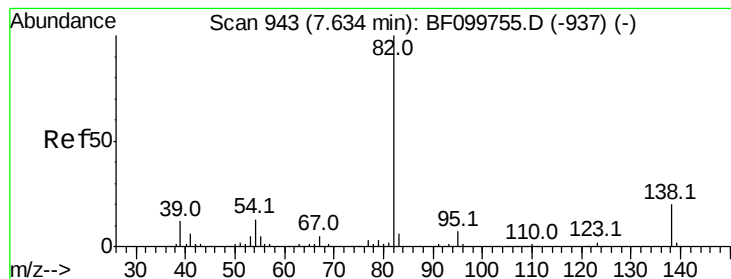


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.332 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

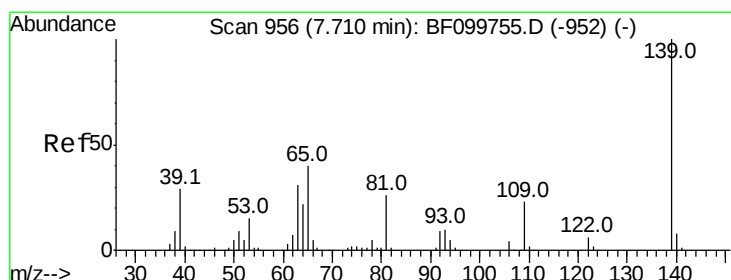
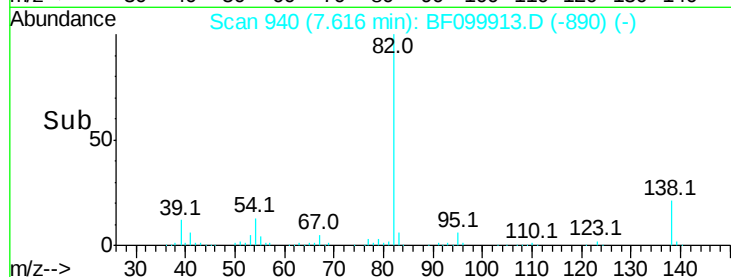
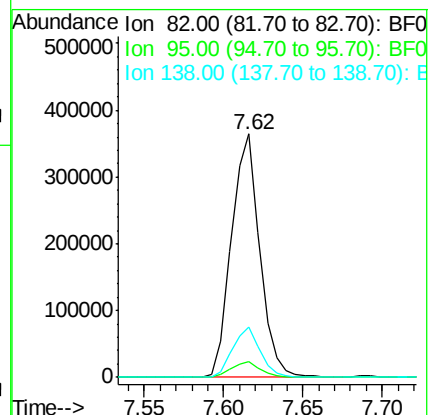
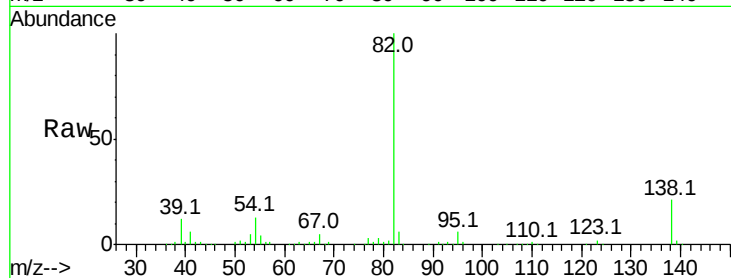
Tot Ion: 82 Resp: 450673

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 20.5 14.9 22.3



#26

2-Nitrophenol

Concen: 47.773 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

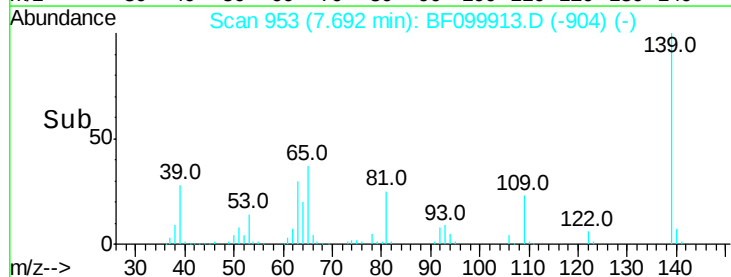
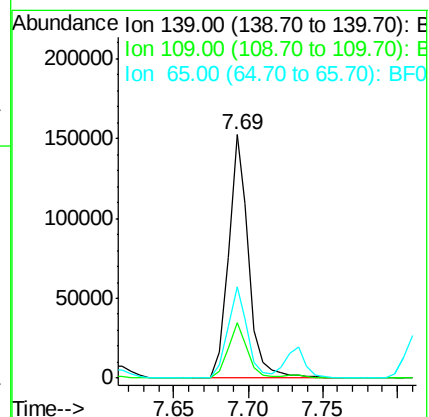
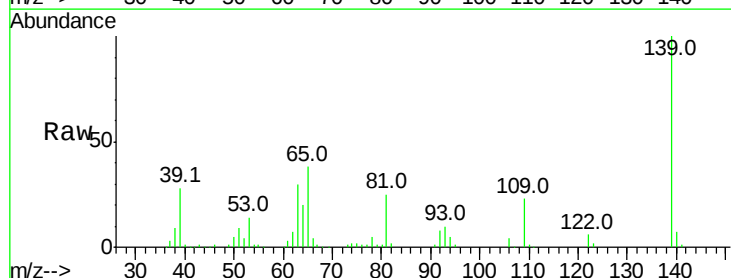
Tgt Ion: 139 Resp: 144666

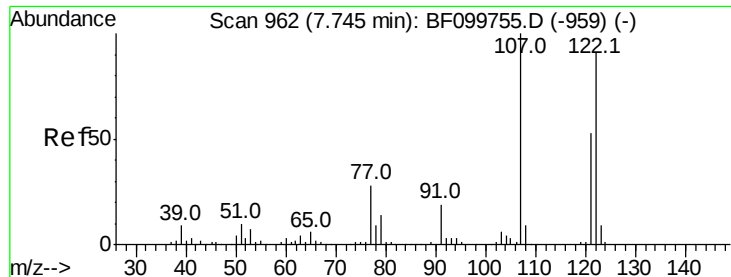
Ion Ratio Lower Upper

139 100

109 22.7 22.7 34.1#

65 37.7 40.5 60.7#

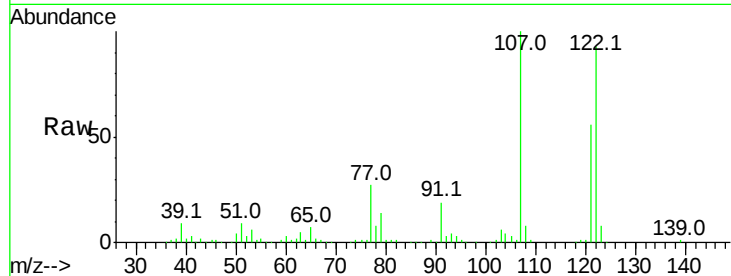




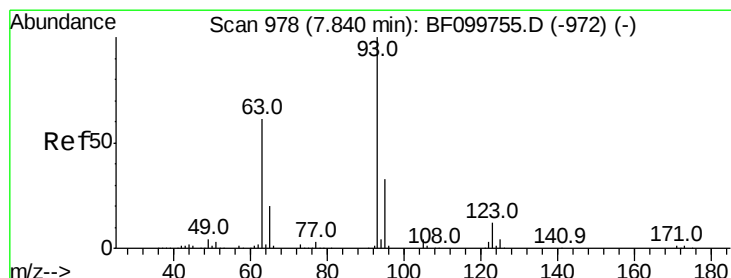
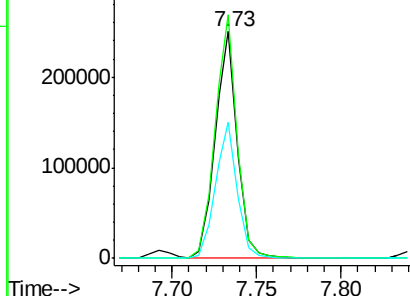
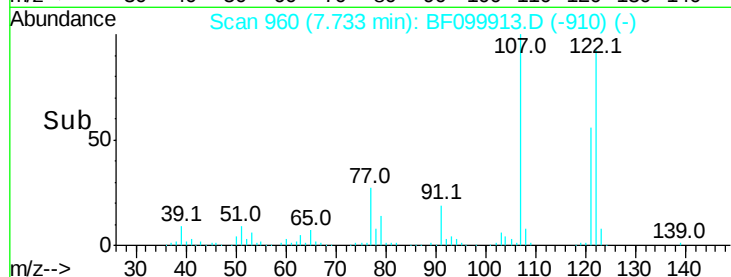
#27
2,4-Dimethylphenol
Concen: 51.103 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 228014
Ion Ratio Lower Upper
122 100
107 107.3 91.2 136.8
121 60.2 47.2 70.8

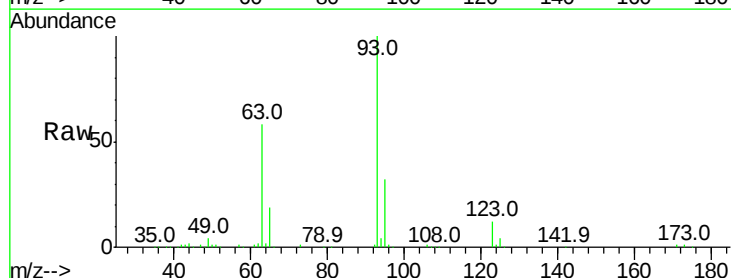


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

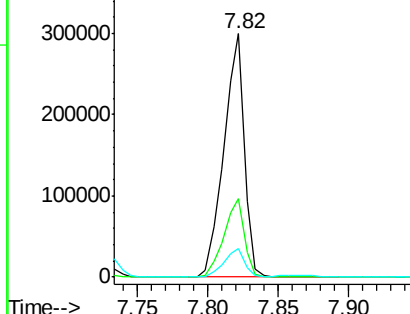
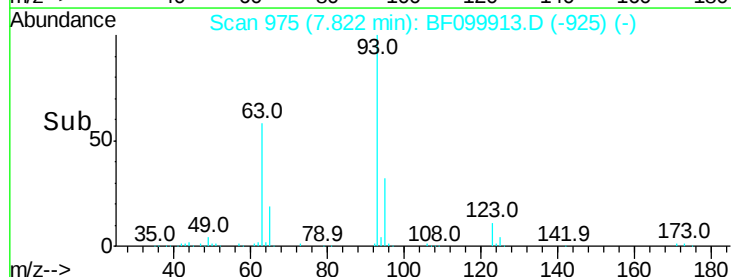


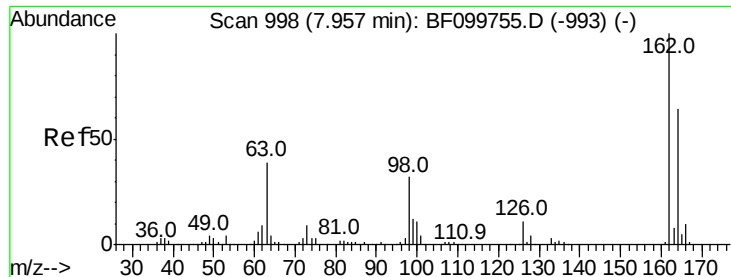
#28
bis(2-Chloroethoxy)methane
Concen: 45.379 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 93 Resp: 302602
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.5 9.8 14.6



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

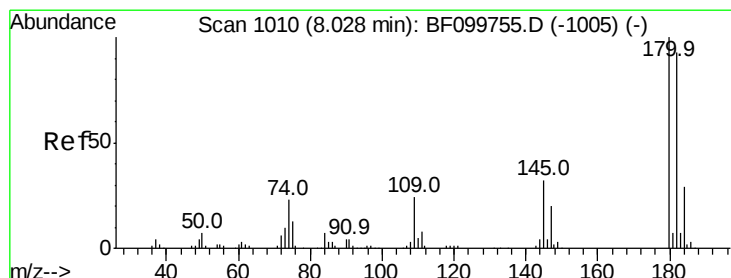
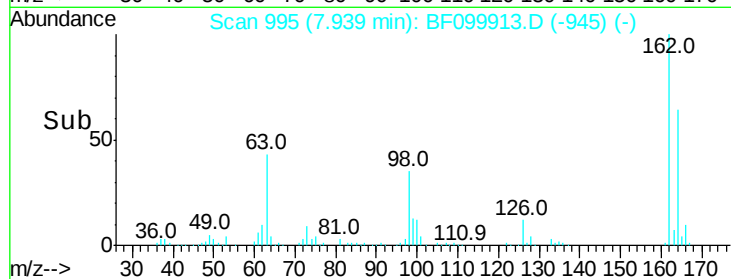
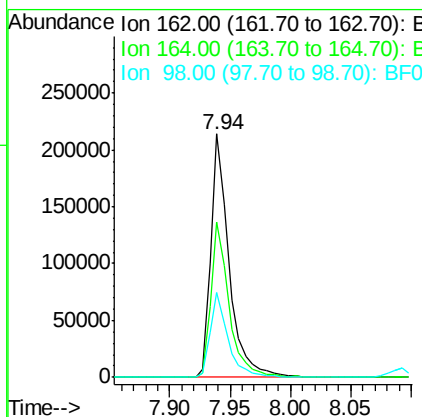
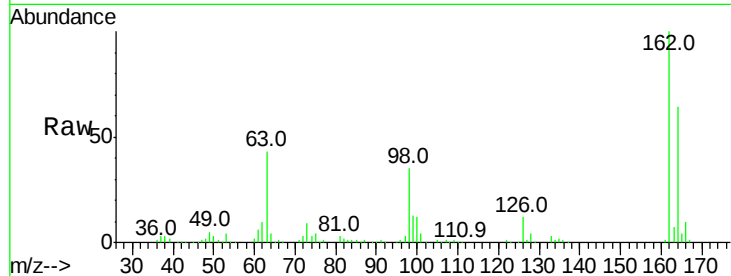




#29
 2,4-Dichlorophenol
 Concen: 47.980 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

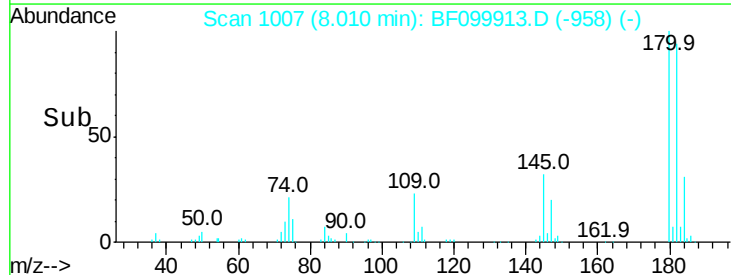
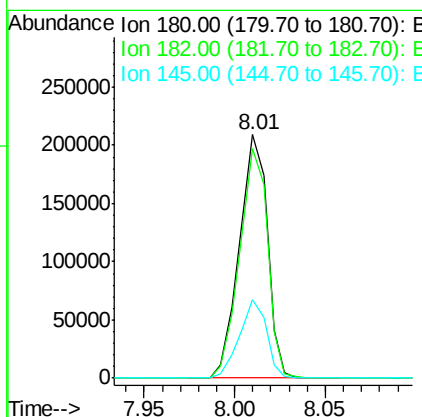
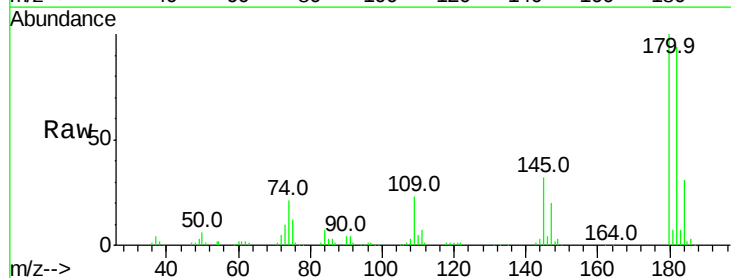
Instrument :
 BNA_F
 ClientSampleId :

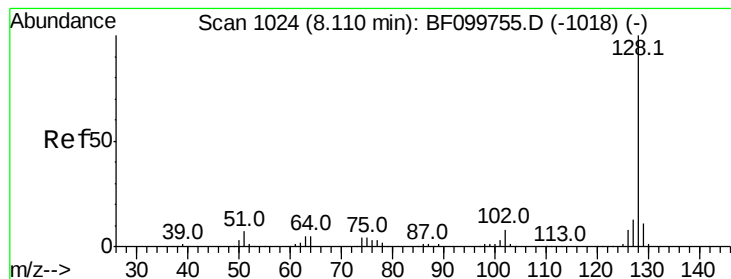
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	34.8	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.451 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 45.064 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampled :

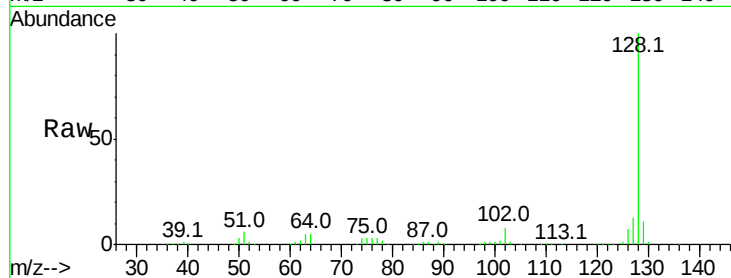
Tot Ion:128 Resp: 734853

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

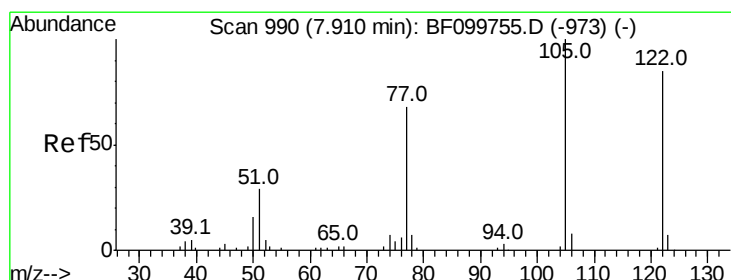
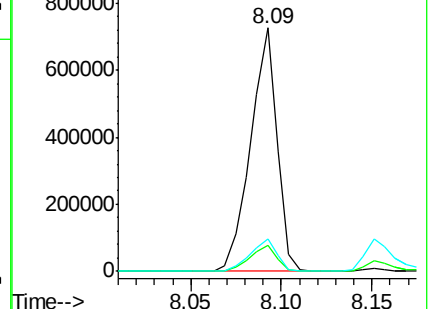
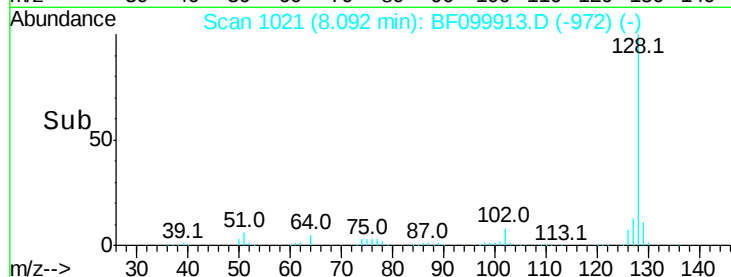
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.547 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

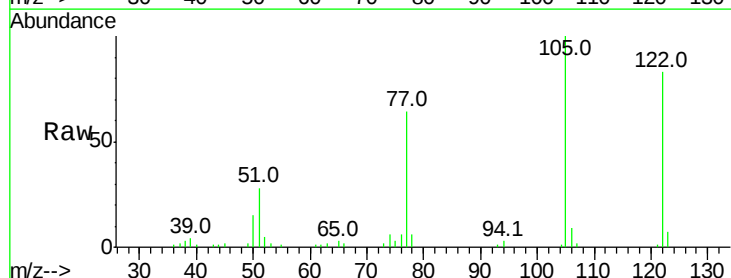
Tgt Ion:122 Resp: 68913

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

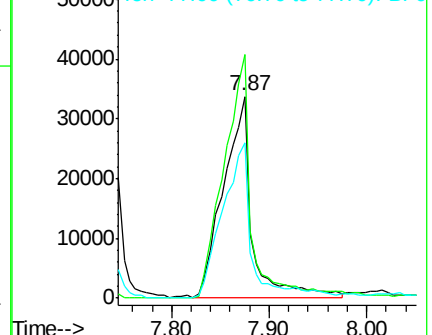
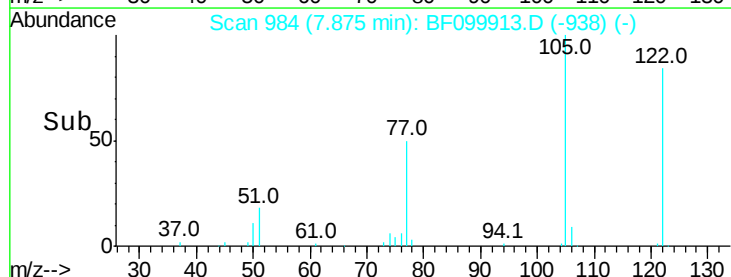
77 76.8 70.7 110.7

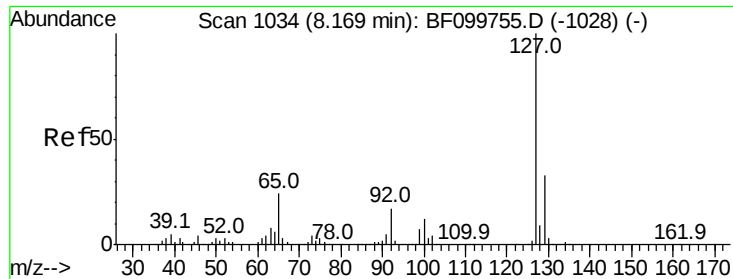


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

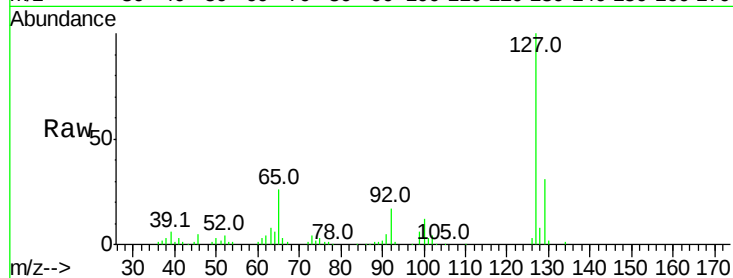




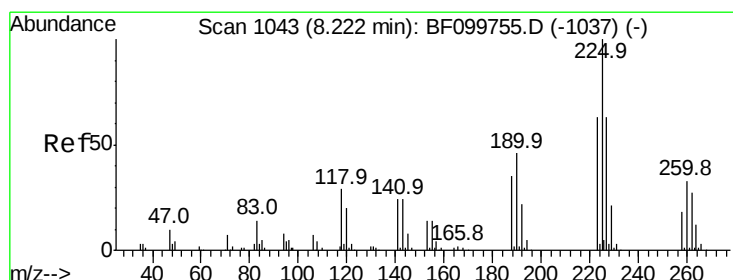
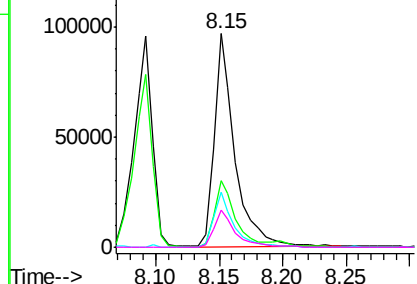
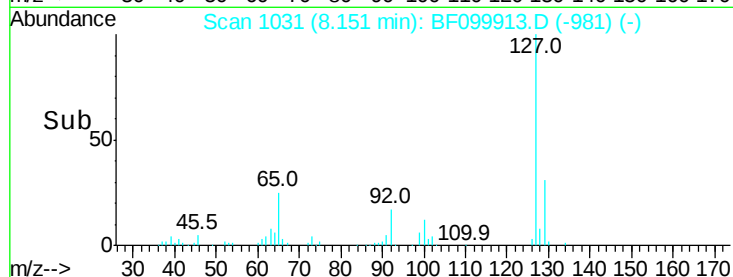
#33
4-Chloroaniline
Concen: 16.289 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	109685
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	25.5	25.0	37.4
92	17.5	15.2	22.8

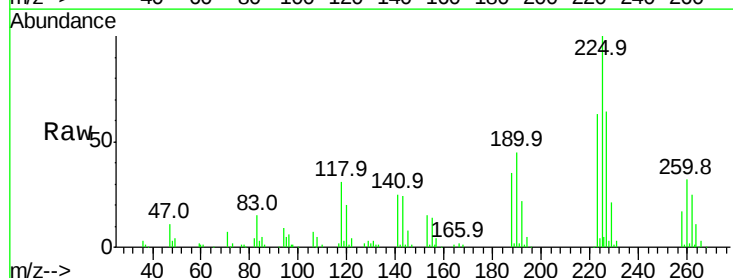


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

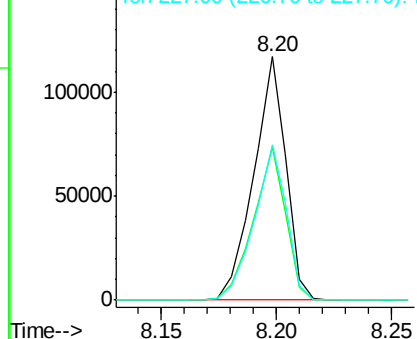
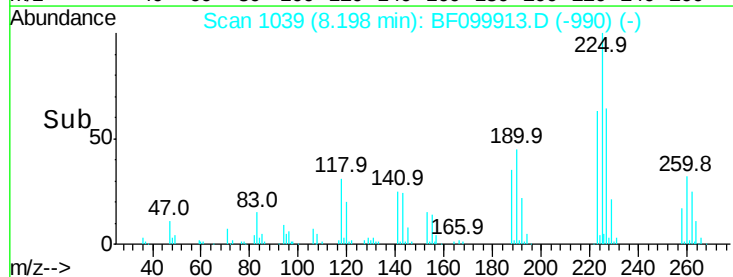


#34
Hexachlorobutadiene
Concen: 44.613 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion:	225	Resp:	113644
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.6	51.9	77.9



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





#35

Caprolactam

Concen: 25.642 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampled :

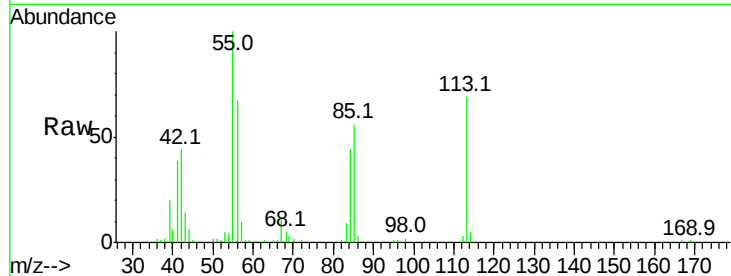
Tot Ion:113 Resp: 37376

Ion Ratio Lower Upper

113 100

55 144.7 163.3 203.3#

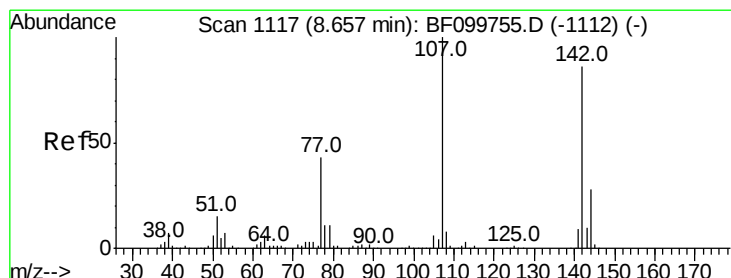
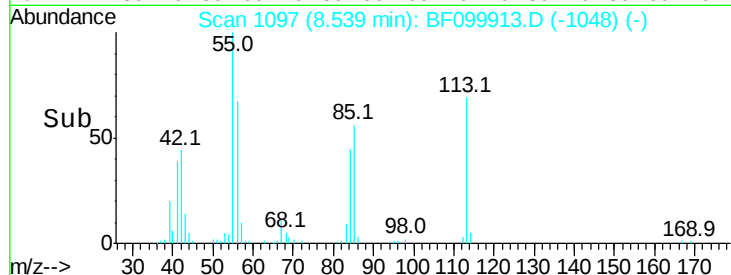
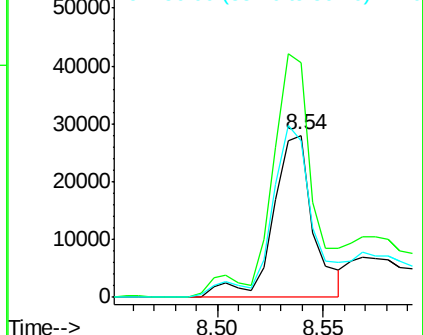
56 96.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.605 ng

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

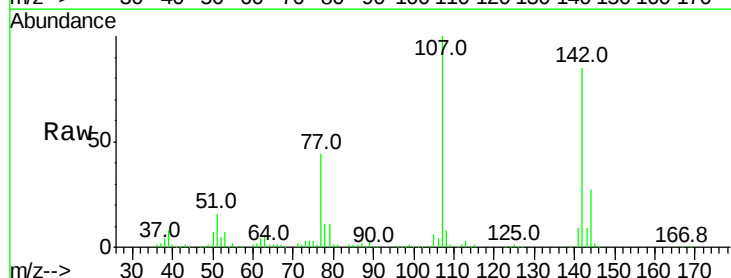
Tgt Ion:107 Resp: 215752

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

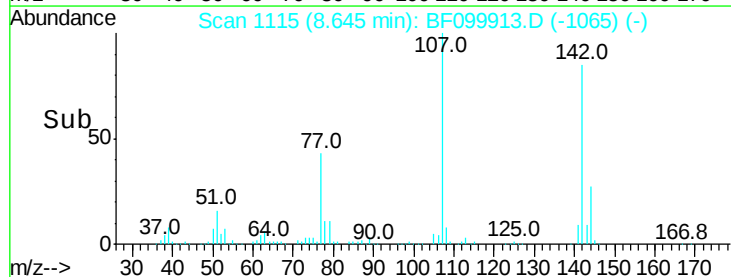
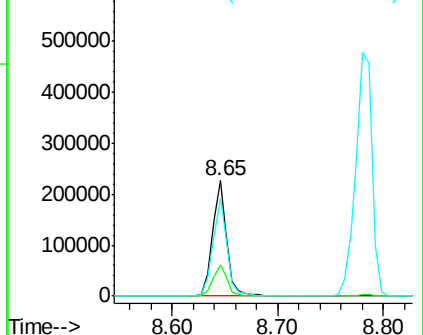
142 85.3 62.0 93.0

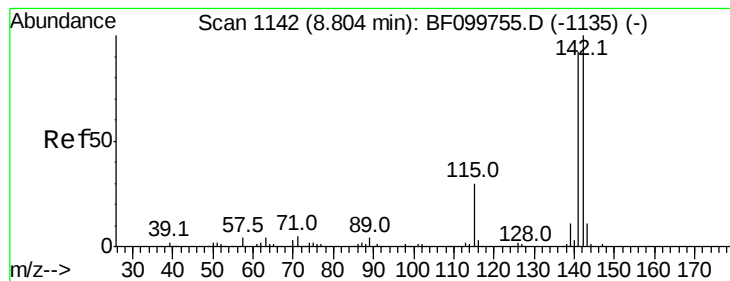


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.574 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

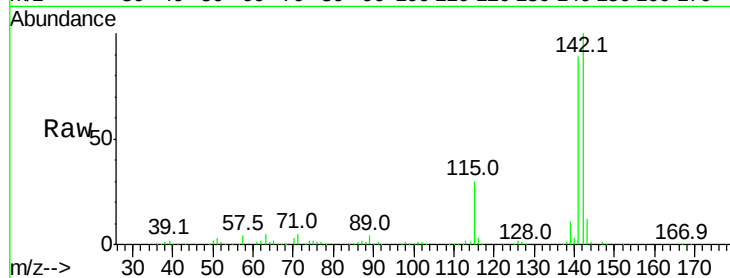
Tot Ion:142 Resp: 519890

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

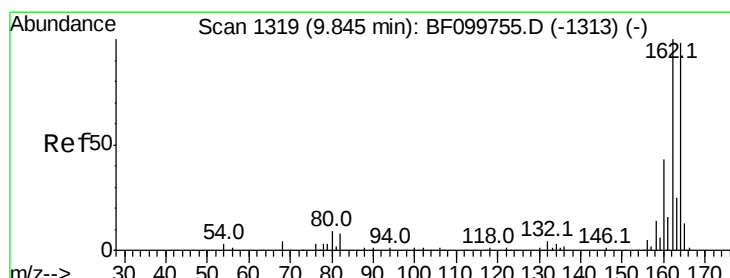
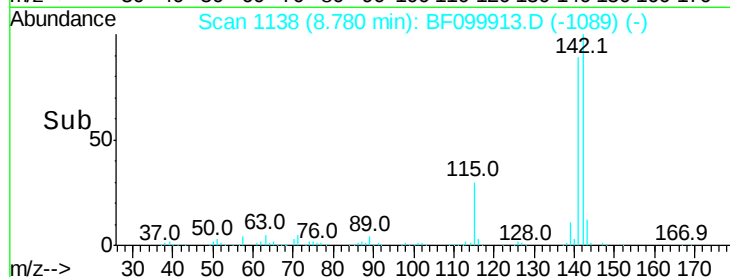
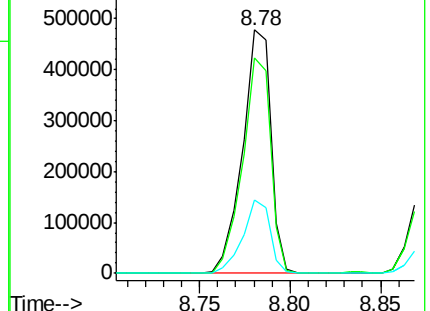
115 29.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

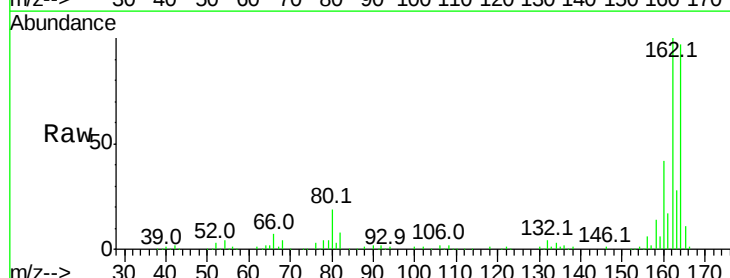
Tgt Ion:164 Resp: 162212

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

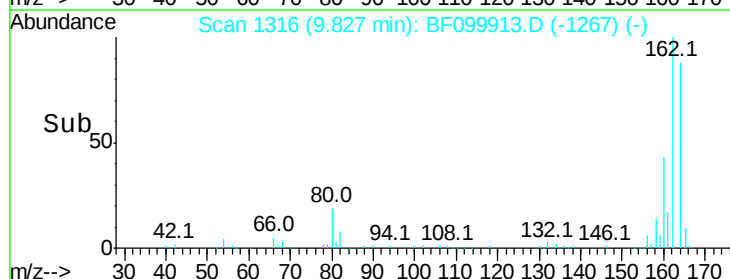
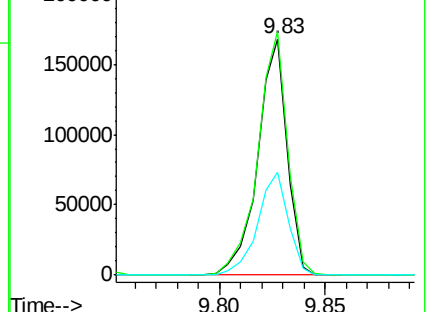
160 43.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.802 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 219002

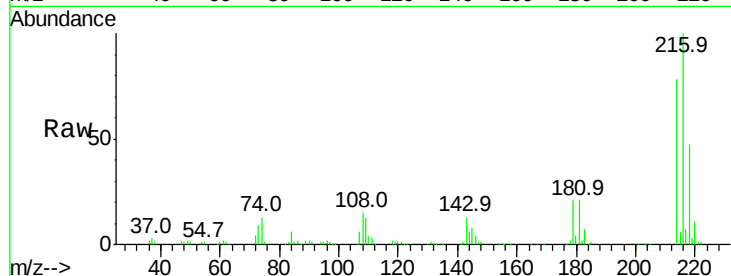
Ion Ratio Lower Upper

216 100

214 77.9 63.0 94.4

179 21.3 18.1 27.1

108 17.3 17.2 25.8

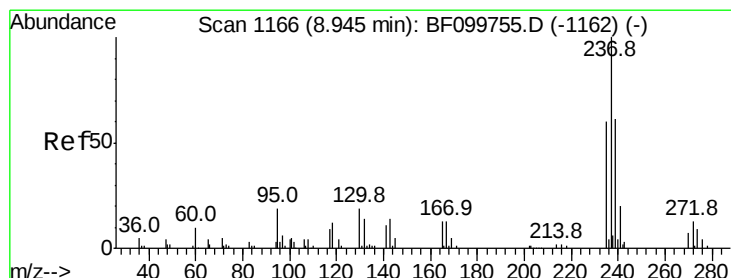
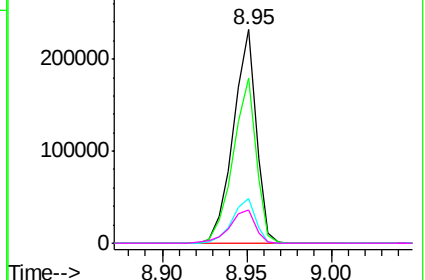
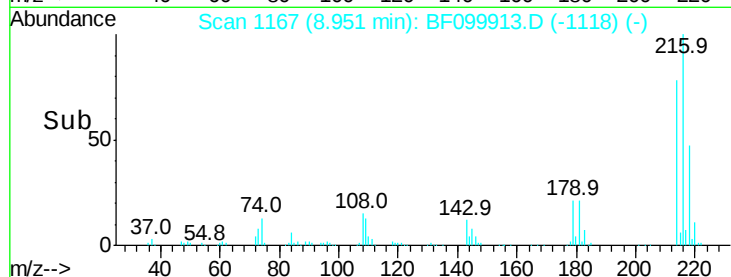


Abundance Ion 216.00 (215.70 to 216.70): E

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: 51.370 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

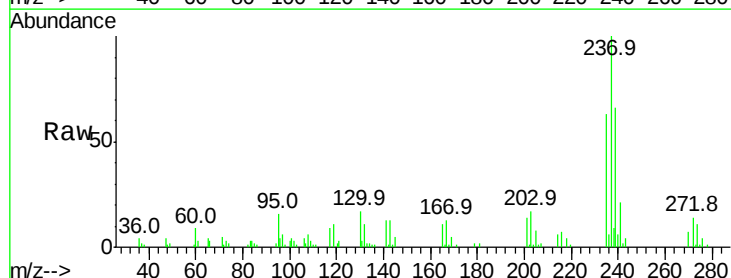
Tgt Ion:237 Resp: 47384

Ion Ratio Lower Upper

237 100

235 62.6 44.8 84.8

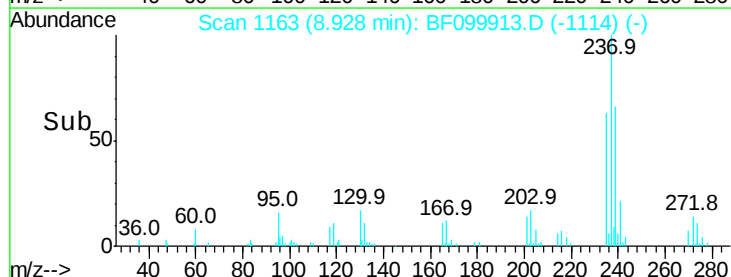
272 13.9 0.0 33.3



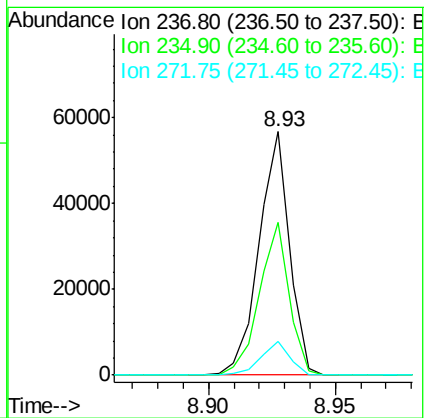
Abundance Ion 236.80 (236.50 to 237.50): E

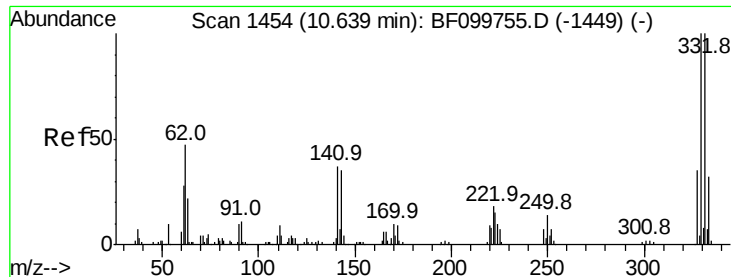
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

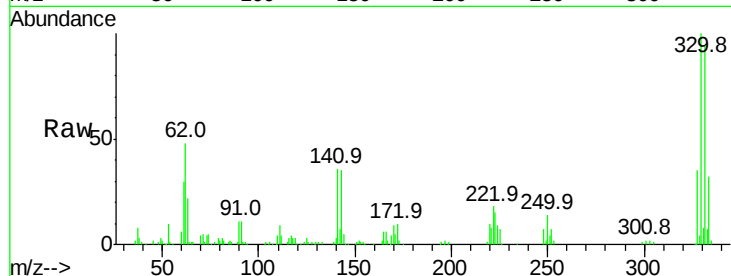




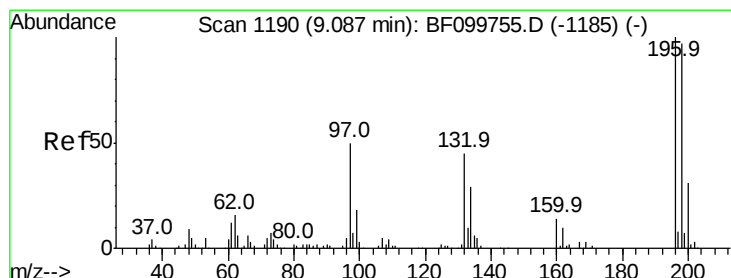
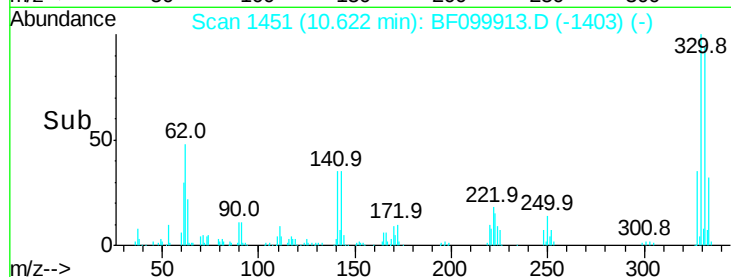
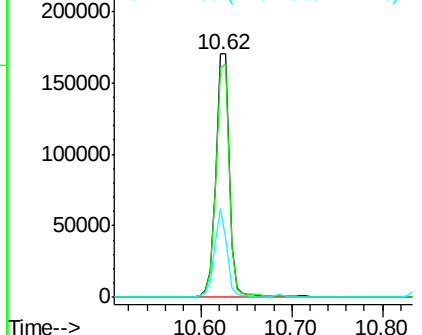
#41
 2,4,6-Tribromophenol
 Concen: 120.820 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 178604
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 33.6 29.9 44.9

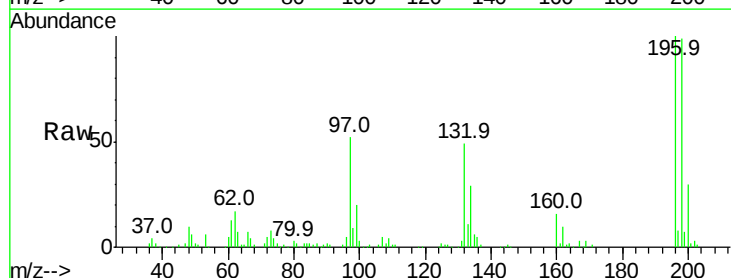


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

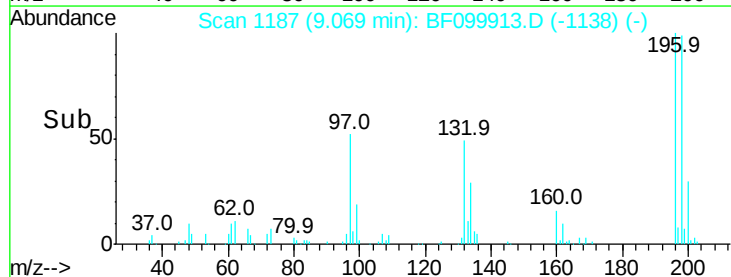
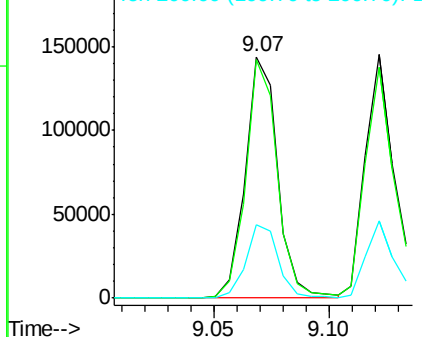


#42
 2,4,6-Trichlorophenol
 Concen: 44.456 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:196 Resp: 140880
 Ion Ratio Lower Upper
 196 100
 198 98.6 75.7 113.5
 200 30.2 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

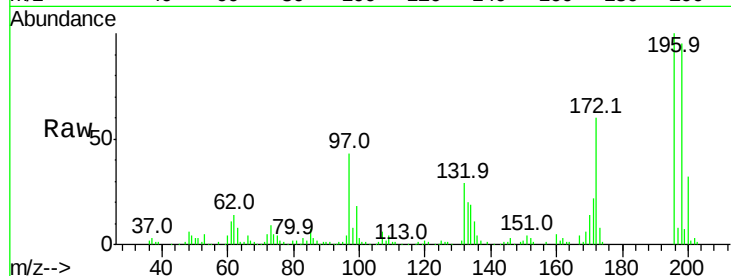




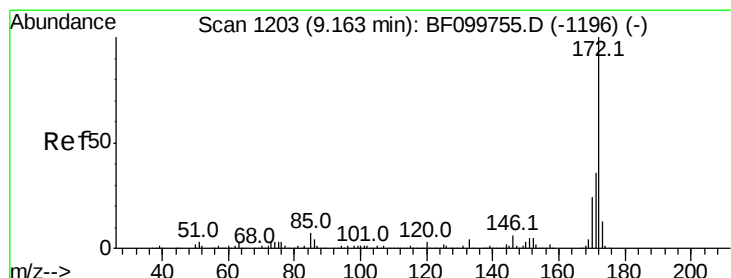
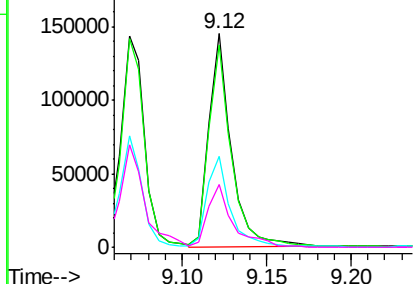
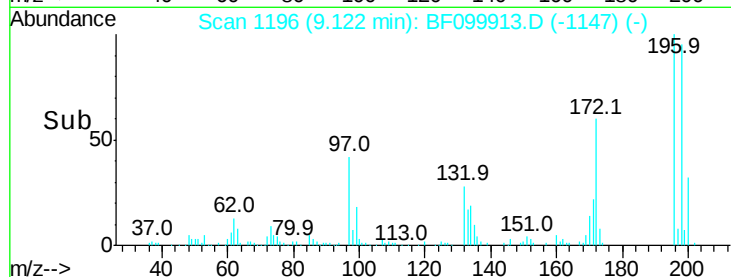
#43
 2,4,5-Trichlorophenol
 Concen: 40.187 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
196	100	135145		
198	94.7	74.6	112.0	
97	42.7	42.9	64.3	
132	29.3	26.3	39.5	

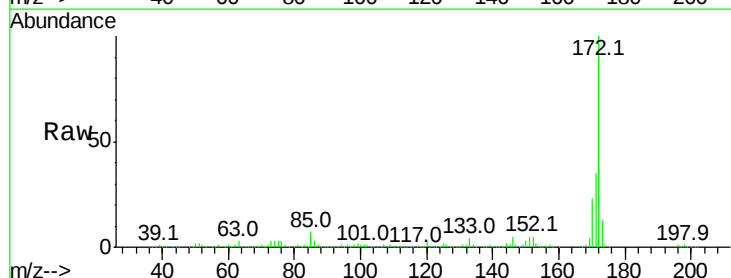


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

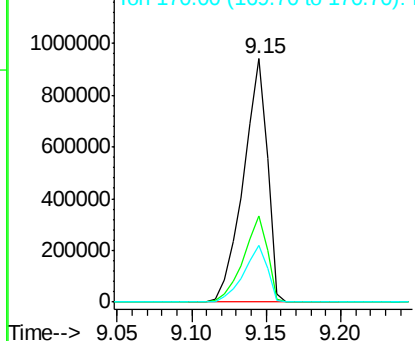
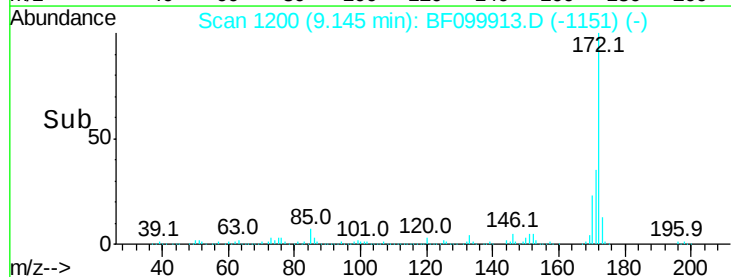


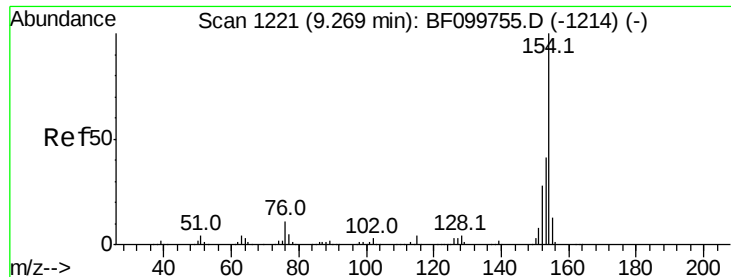
#44
 2-Fluorobiphenyl
 Concen: 99.362 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1044678		
171	35.2	29.7	44.5	
170	23.4	19.6	29.4	



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

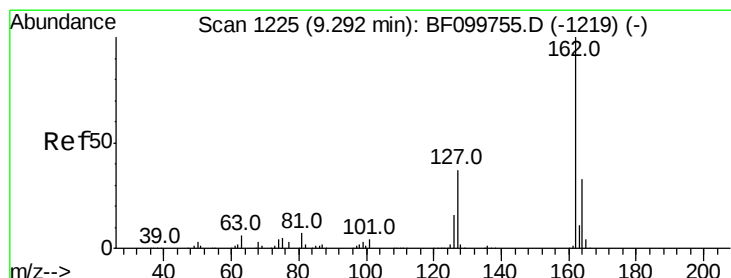
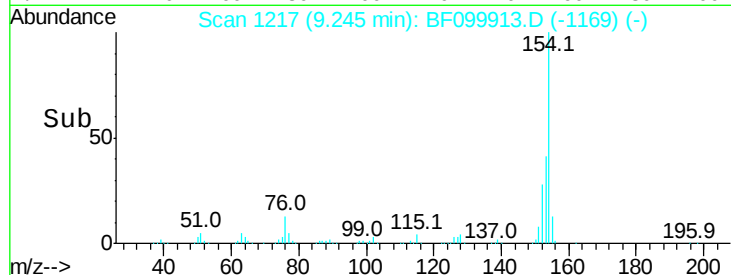
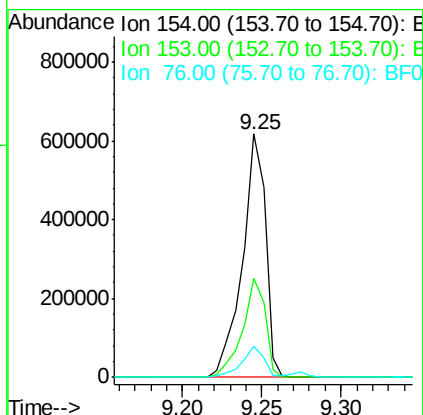
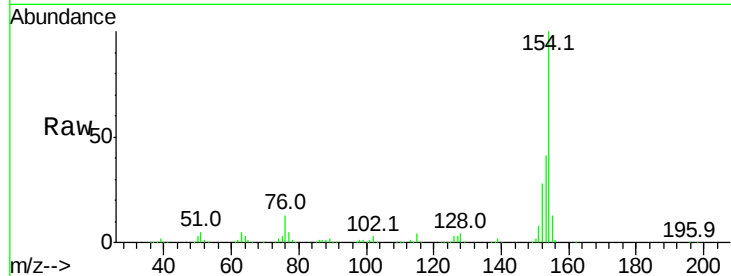




#45
 1,1'-Biphenyl
 Concen: 42.254 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

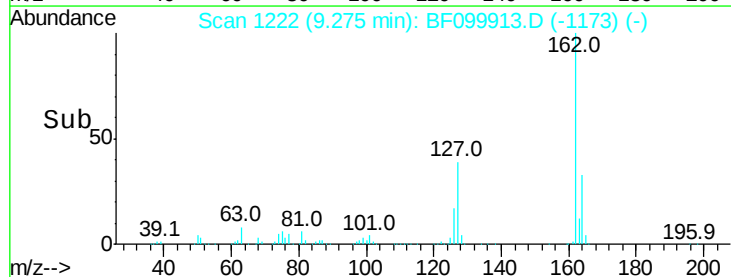
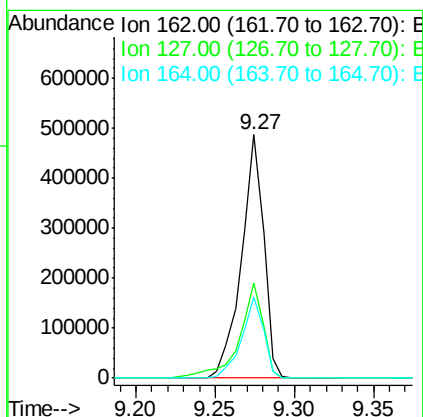
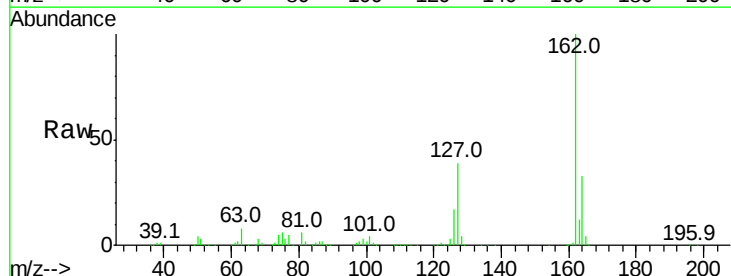
Instrument :
 BNA_F
 ClientSampleId :

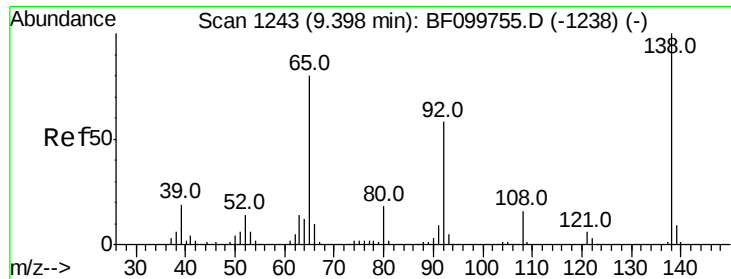
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	12.9	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 44.373 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.9	50.9
164	33.1	26.5	39.7

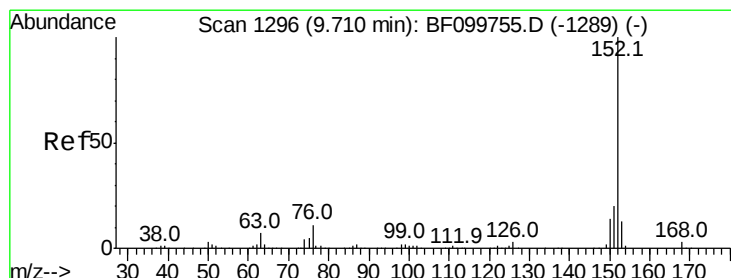
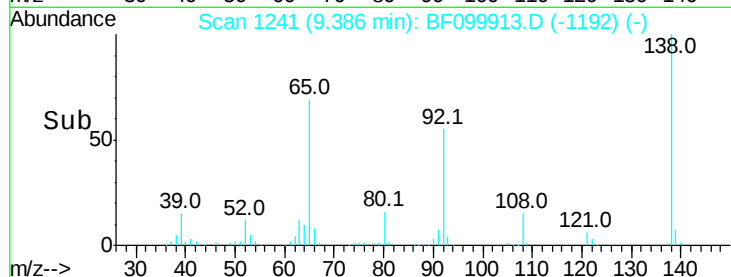
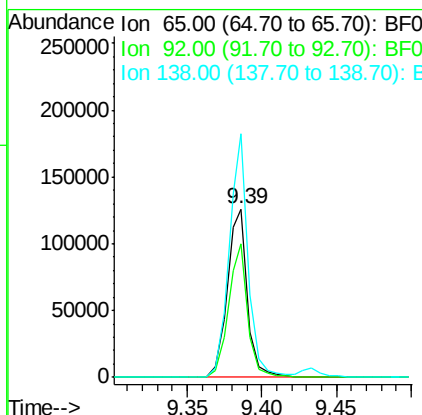
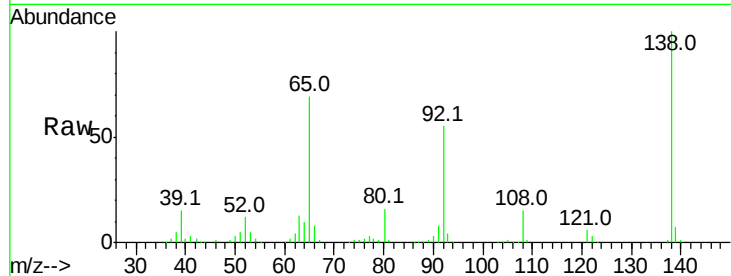




#47
 2-Nitroaniline
 Concen: 43.108 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

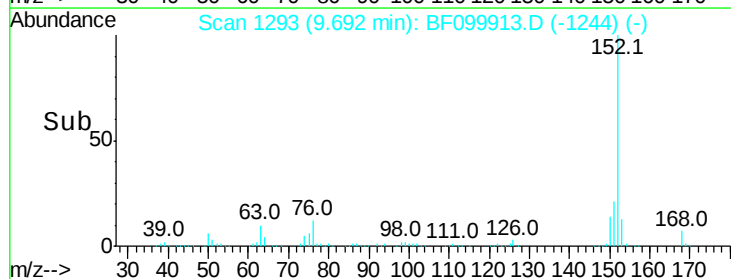
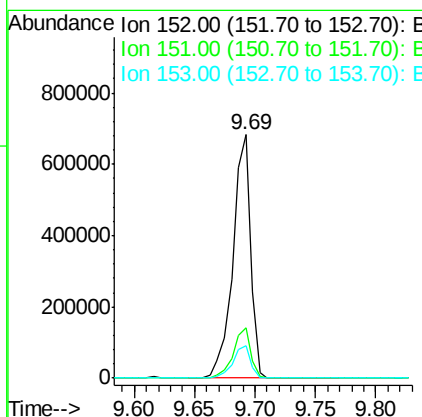
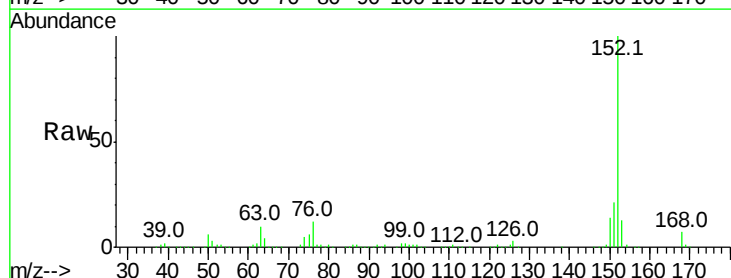
Instrument :
 BNA_F
 ClientSampled :

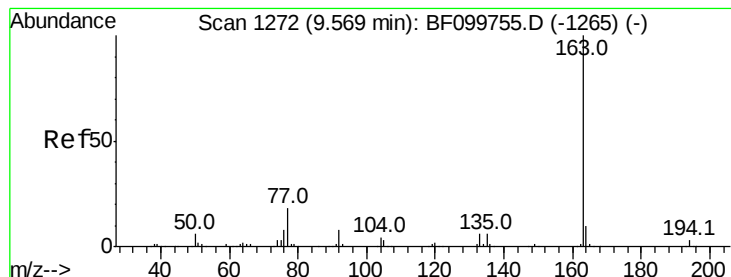
Tot Ion: 65 Resp: 120575
 Ion Ratio Lower Upper
 65 100
 92 78.9 55.8 83.6
 138 144.5 91.2 136.8#



#48
 Acenaphthylene
 Concen: 42.574 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:152 Resp: 698818
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 43.281 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

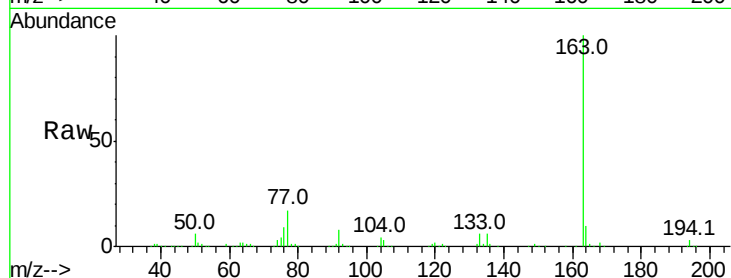
Tot Ion:163 Resp: 555977

Ion Ratio Lower Upper

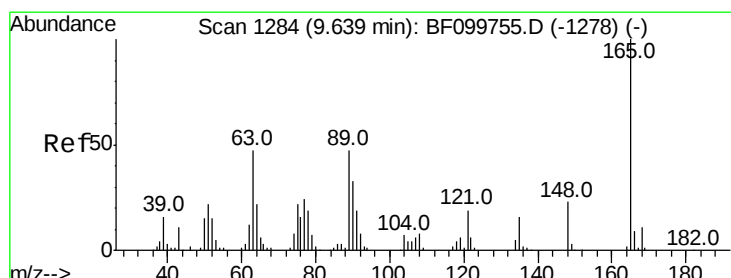
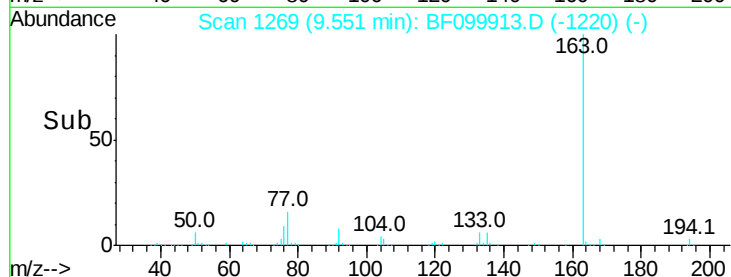
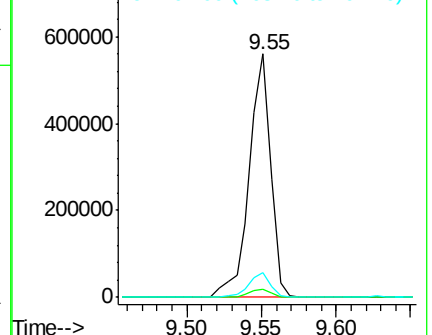
163 100

194 3.3 2.7 4.1

164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 45.506 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

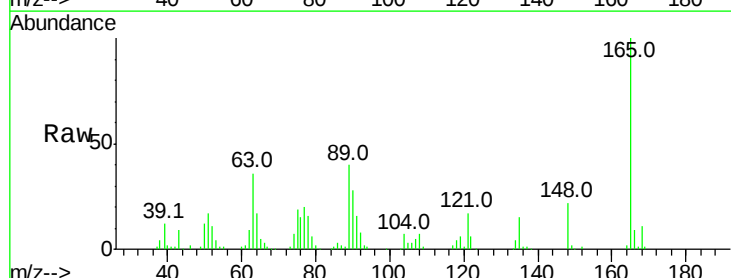
Tgt Ion:165 Resp: 122890

Ion Ratio Lower Upper

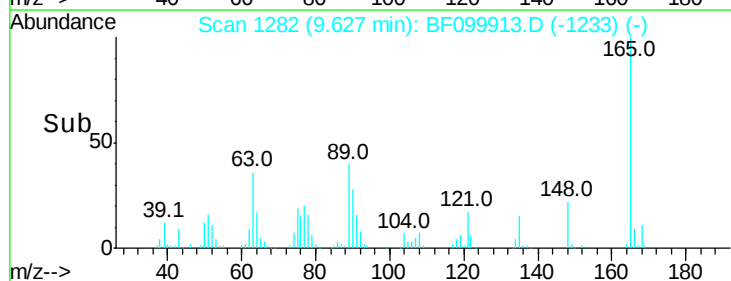
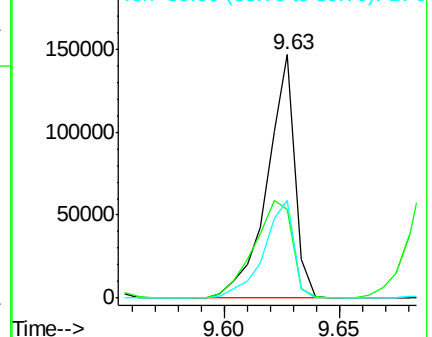
165 100

63 36.5 44.7 67.1#

89 39.9 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

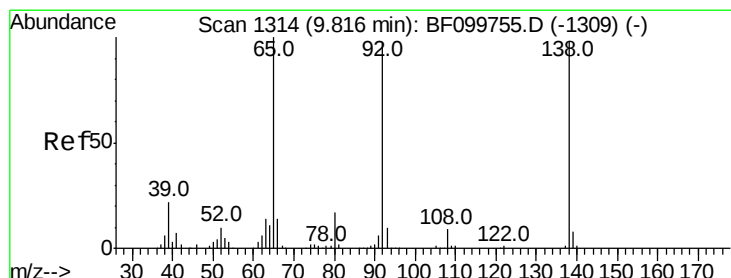
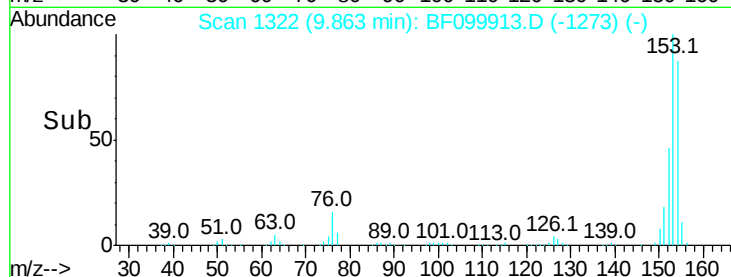
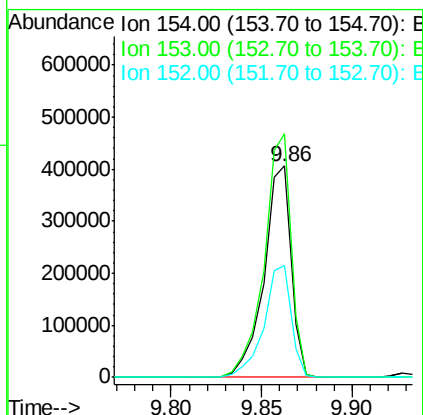
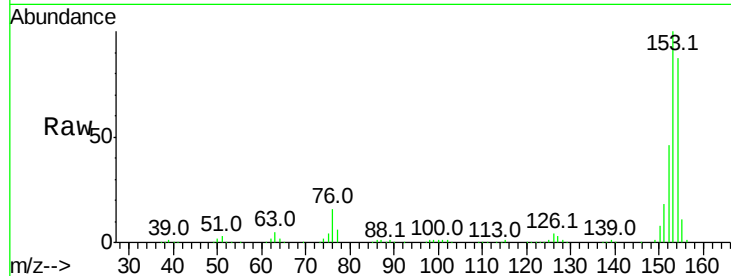




#51
Acenaphthene
Concen: 42.263 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

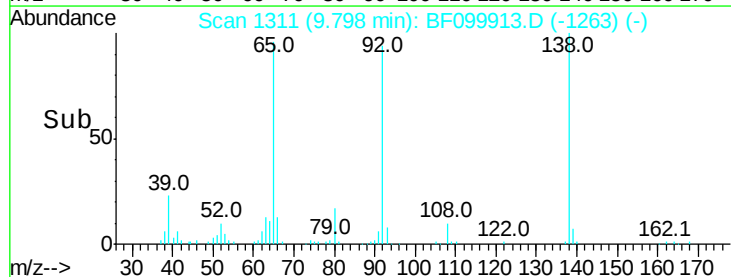
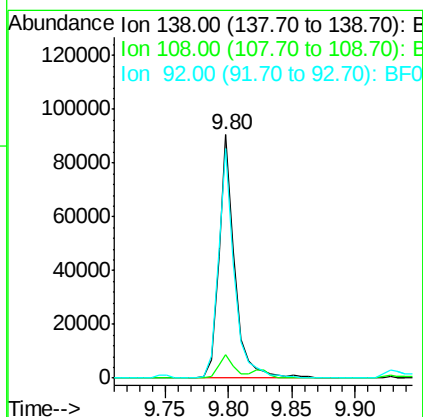
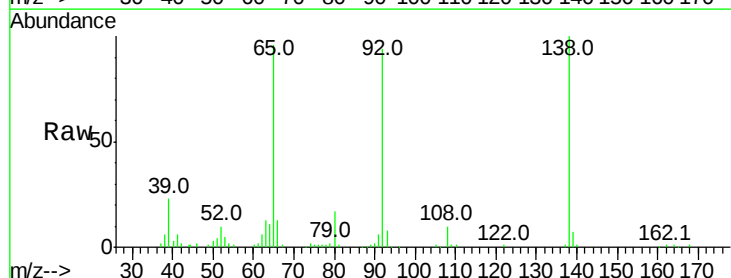
Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 423875
Ion Ratio Lower Upper
154 100
153 115.3 91.2 136.8
152 53.1 43.8 65.8



#52
3-Nitroaniline
Concen: 24.832 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion:138 Resp: 79014
Ion Ratio Lower Upper
138 100
108 9.8 9.4 14.0
92 94.0 89.4 134.2

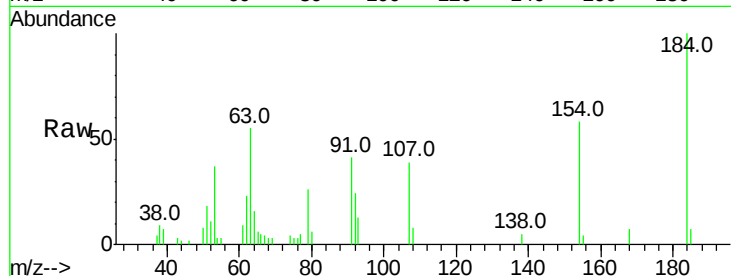




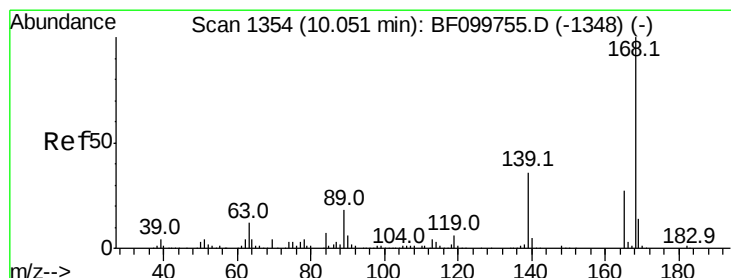
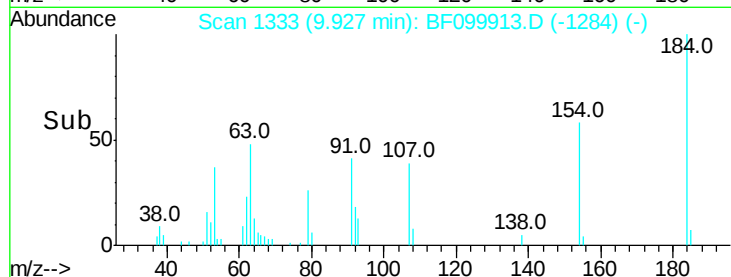
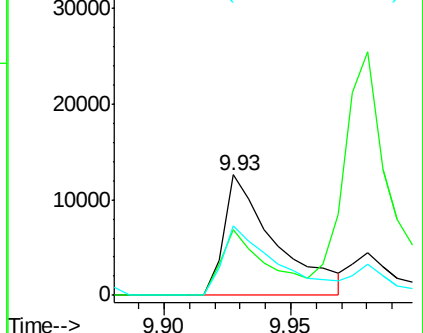
#53
 2,4-Dinitrophenol
 Concen: 21.196 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 17734
 Ion Ratio Lower Upper
 184 100
 63 54.9 54.2 81.2
 154 58.1 53.5 80.3

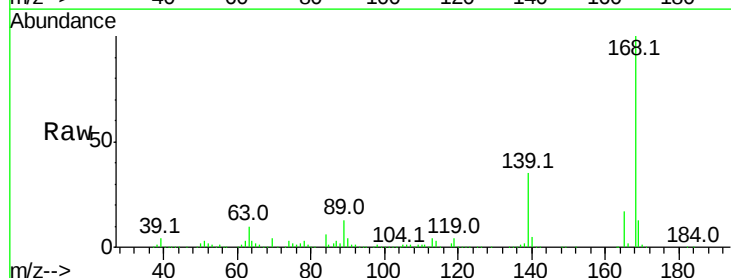


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

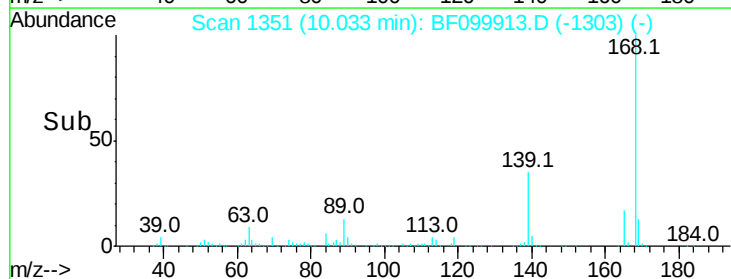
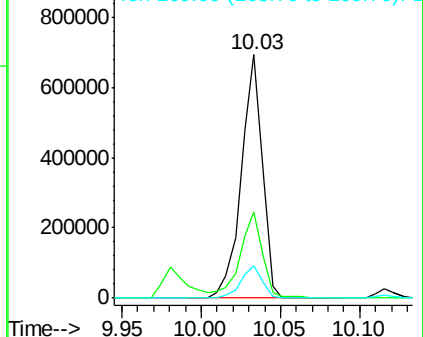


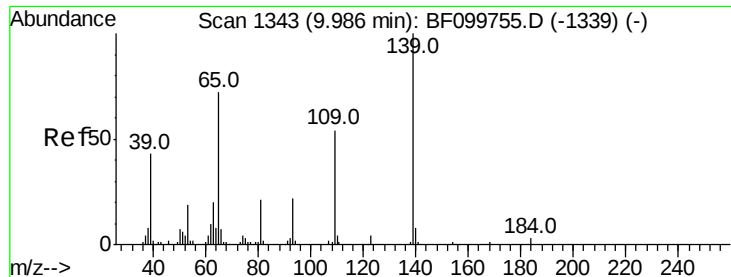
#54
 Dibenzofuran
 Concen: 44.805 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:168 Resp: 634308
 Ion Ratio Lower Upper
 168 100
 139 35.2 30.1 45.1
 169 13.3 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: 54.768 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampled :

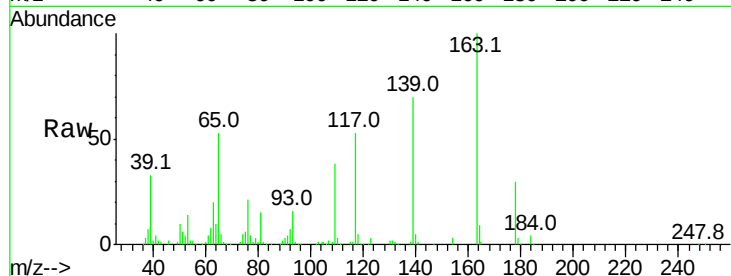
Tot Ion:139 Resp: 91056

Ion Ratio Lower Upper

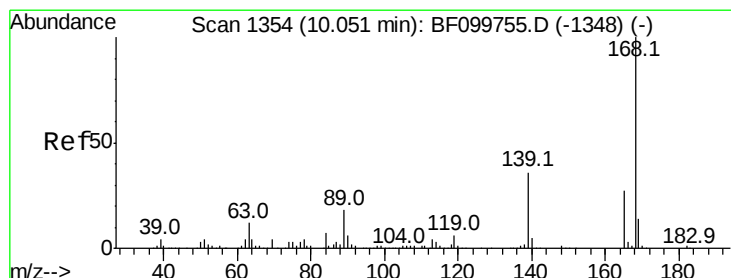
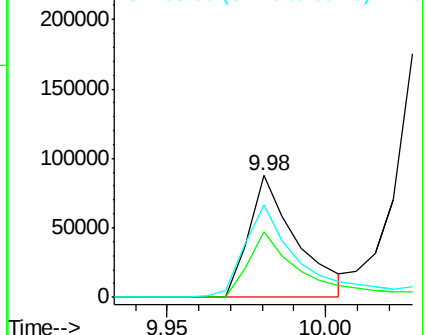
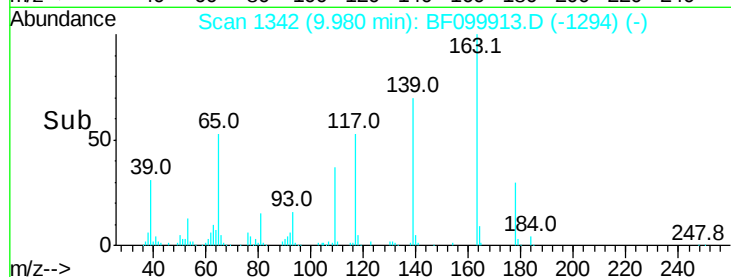
139 100

109 53.7 48.4 88.4

65 76.0 72.6 112.6



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



#56

2,4-Dinitrotoluene

Concen: 45.257 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Tgt Ion:165 Resp: 147184

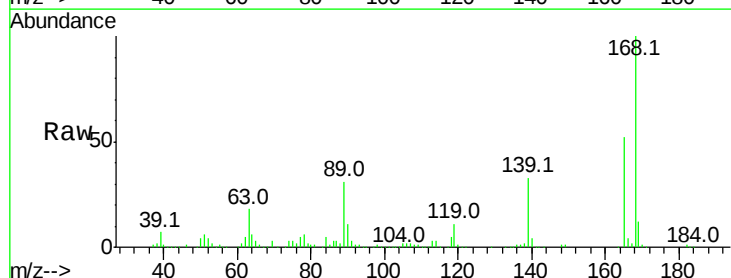
Ion Ratio Lower Upper

165 100

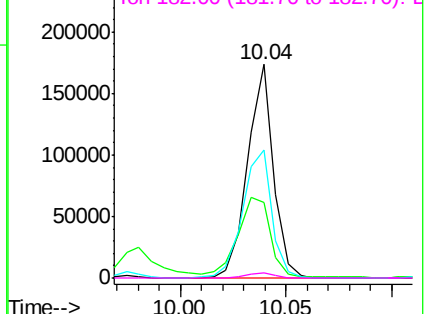
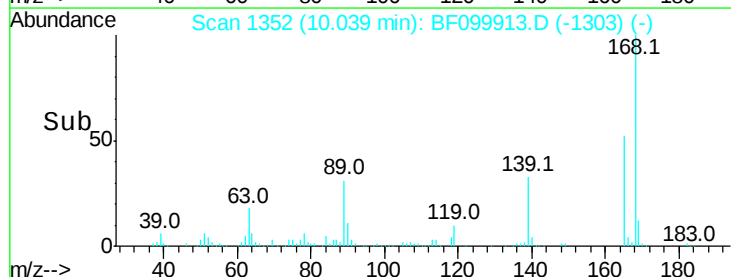
63 35.4 36.4 54.6#

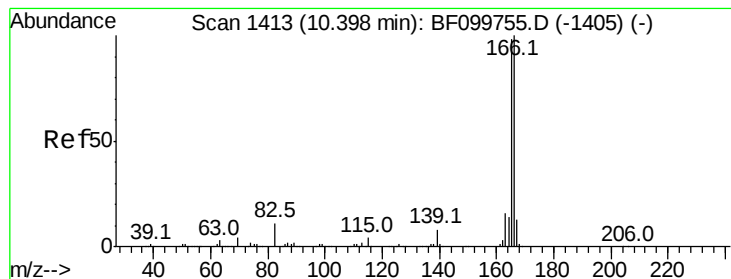
89 59.7 57.8 86.6

182 2.5 1.6 2.4#



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





#57

Fluorene

Concen: 43.517 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

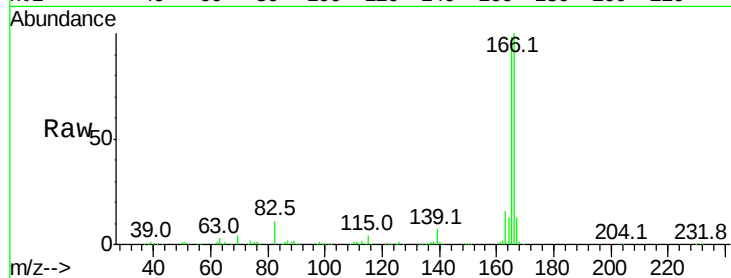
Tot Ion:166 Resp: 510098

Ion Ratio Lower Upper

166 100

165 98.2 79.8 119.8

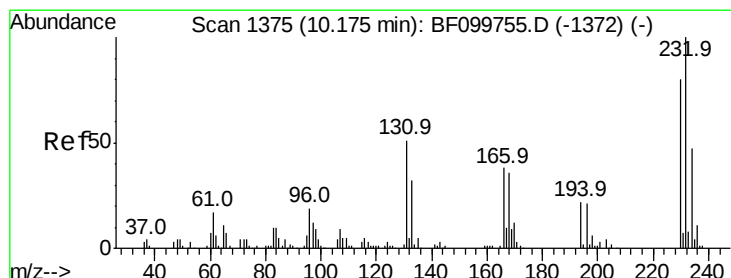
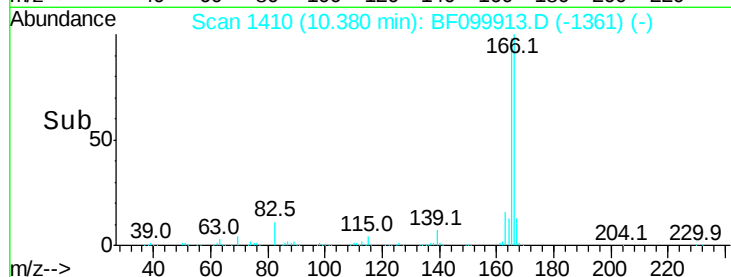
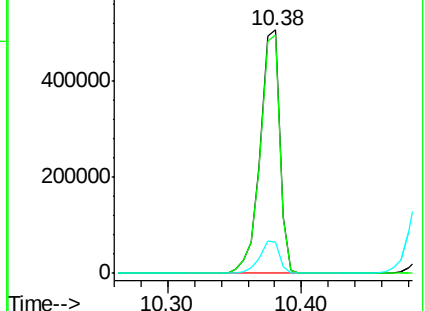
167 12.7 10.6 16.0



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: 41.731 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Tgt Ion:232 Resp: 98395

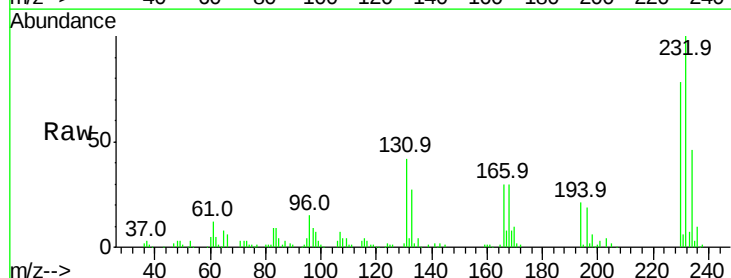
Ion Ratio Lower Upper

232 100

131 46.2 43.8 65.8

130 2.2 2.1 3.1

166 32.4 27.8 41.6

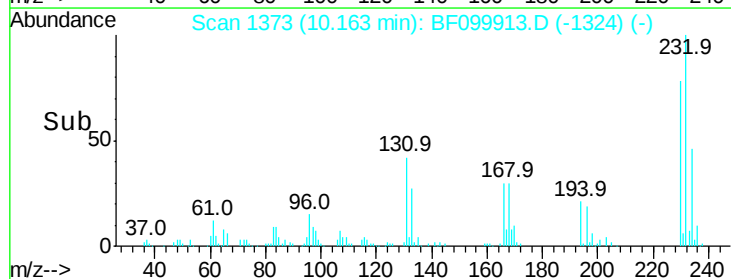
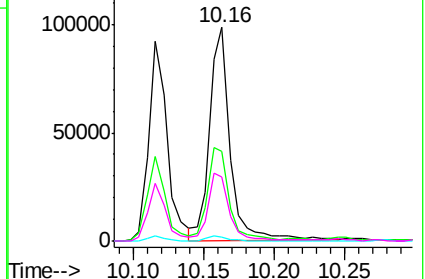


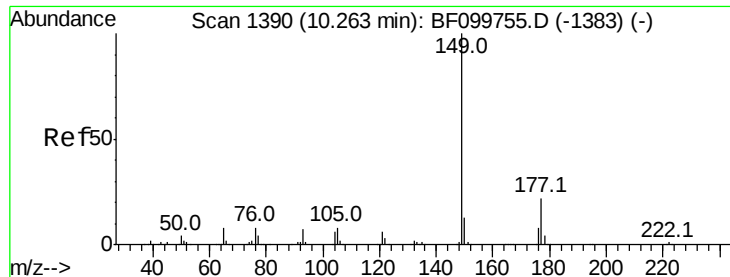
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.330 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

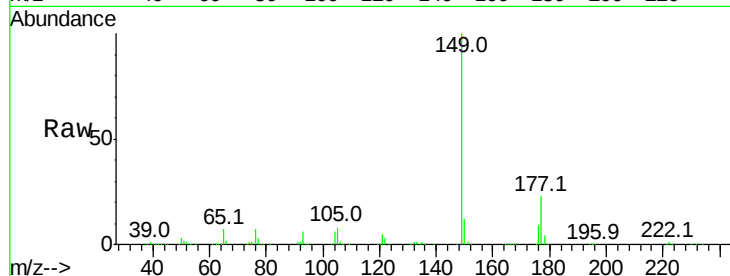
Tot Ion:149 Resp: 543552

Ion Ratio Lower Upper

149 100

177 22.7 16.1 24.1

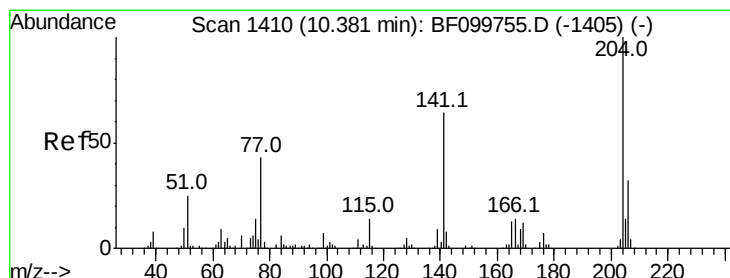
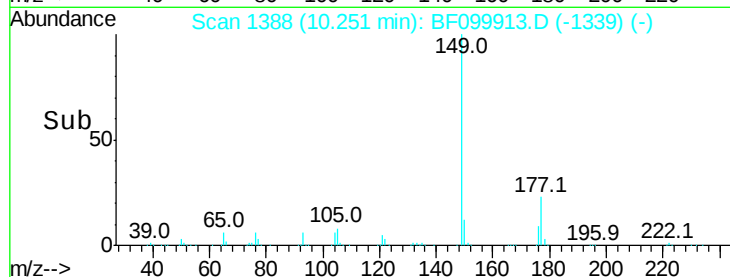
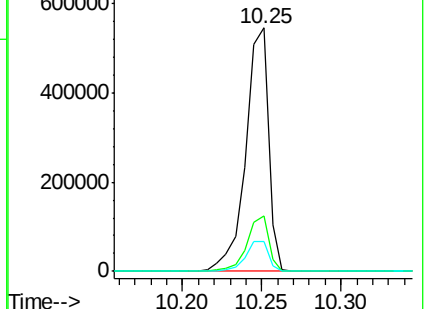
150 12.5 10.1 15.1



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: 43.656 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

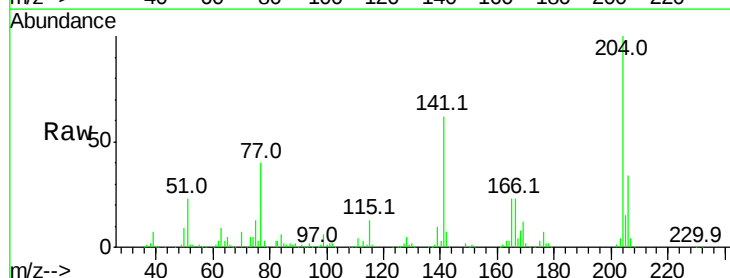
Tgt Ion:204 Resp: 240835

Ion Ratio Lower Upper

204 100

206 33.5 26.5 39.7

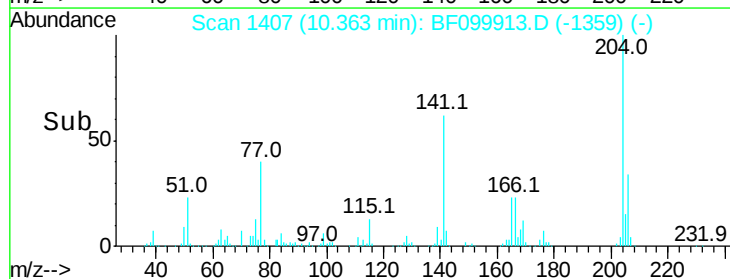
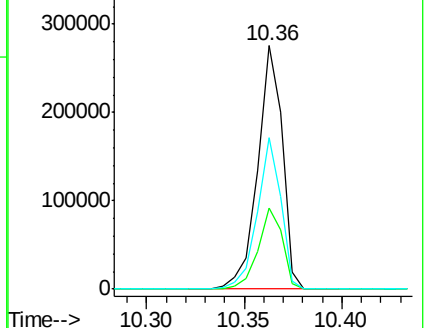
141 62.3 54.6 81.8

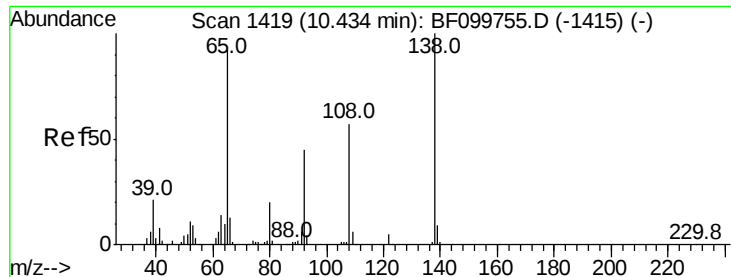


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

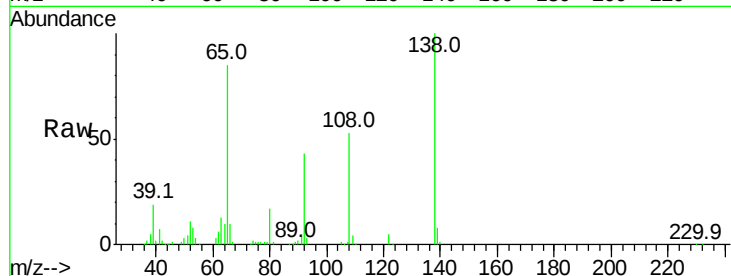




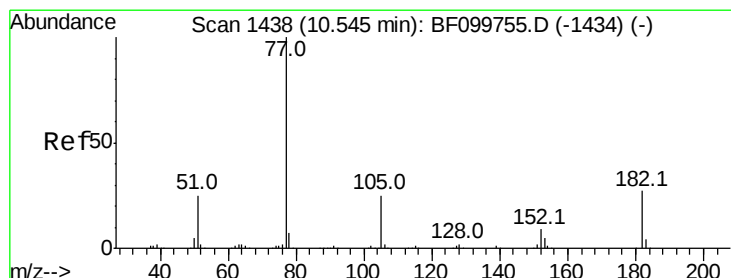
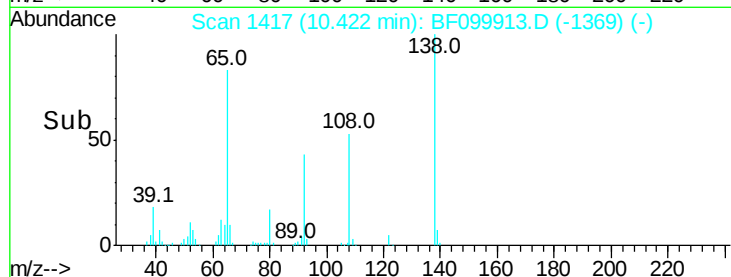
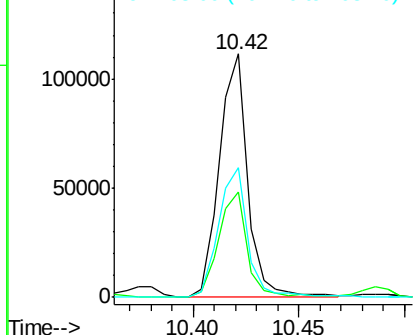
#61
4-Nitroaniline
Concen: 34.242 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 103954
Ion Ratio Lower Upper
138 100
92 43.3 30.2 70.2
108 53.4 52.5 92.5

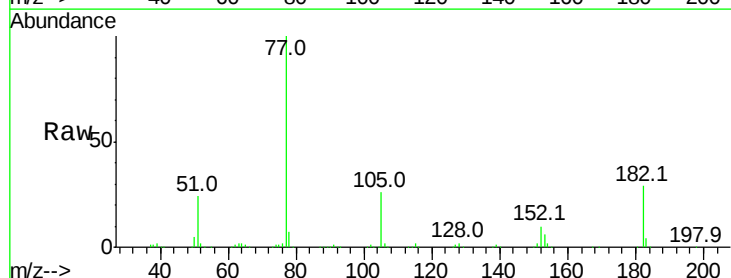


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

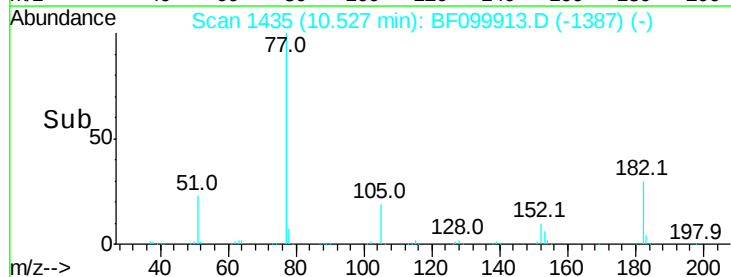
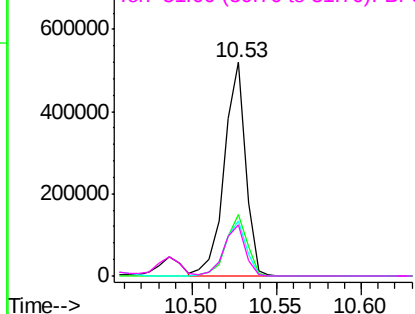


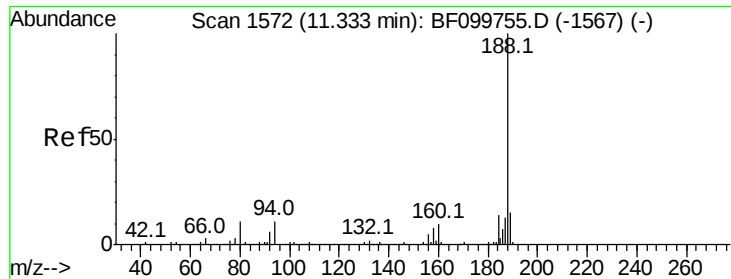
#62
Azobenzene
Concen: 43.279 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion: 77 Resp: 455108
Ion Ratio Lower Upper
77 100
182 28.9 1.7 41.7
105 25.9 3.0 43.0
51 23.8 9.9 49.9



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

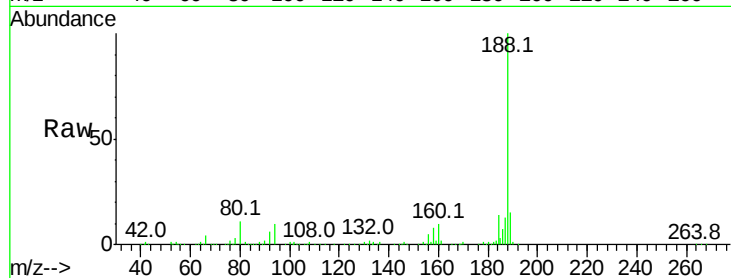




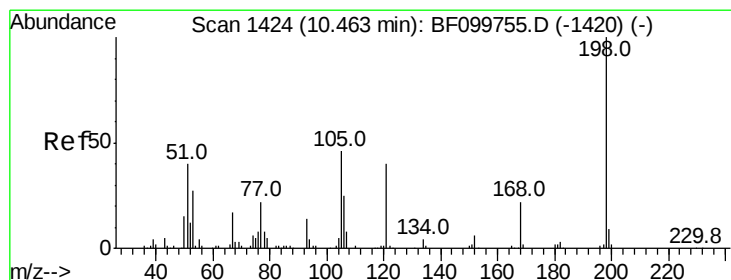
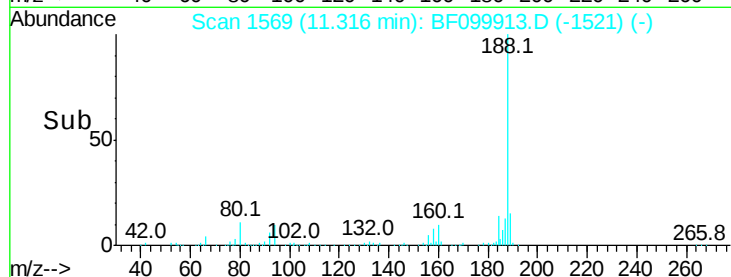
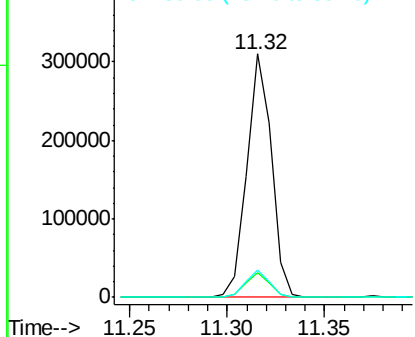
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 271256
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 11.2 9.2 13.8

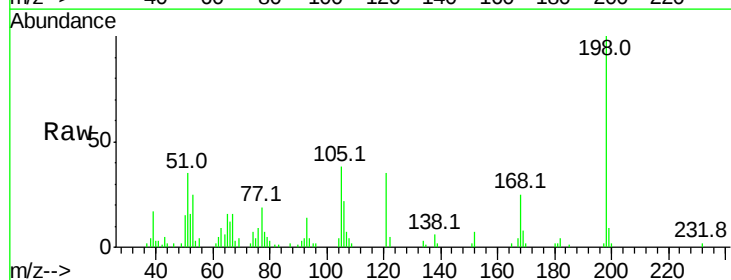


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

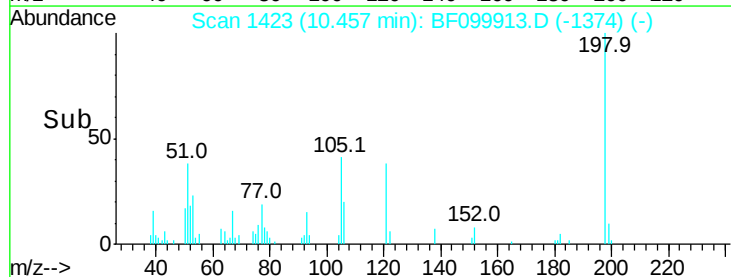
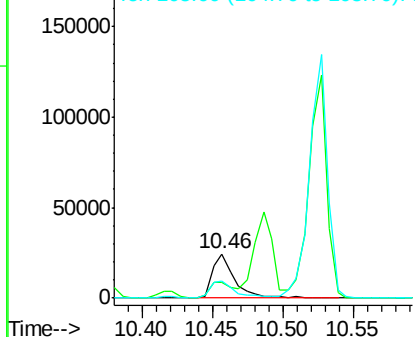


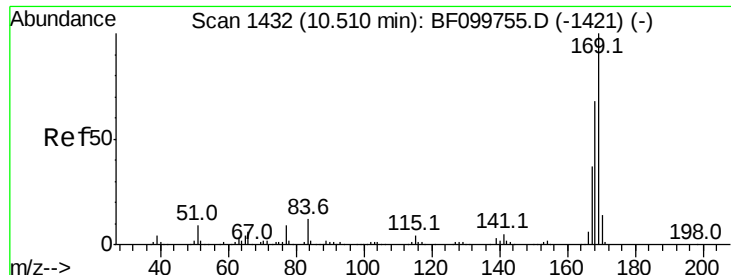
#64
4,6-Dinitro-2-methylphenol
Concen: 15.552 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion:198 Resp: 26519
Ion Ratio Lower Upper
198 100
51 34.8 37.7 77.7#
105 37.6 36.3 76.3



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

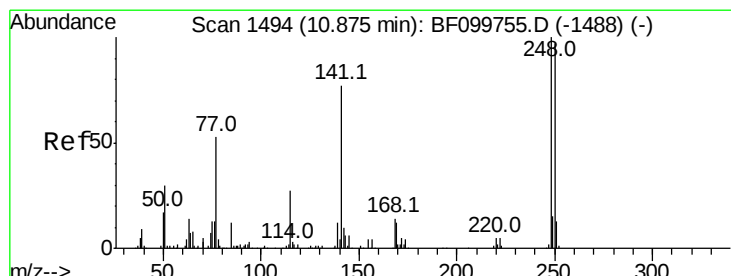
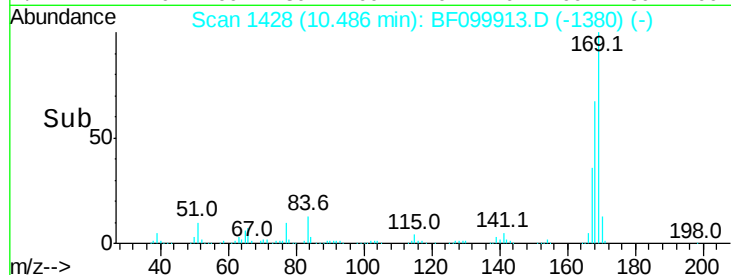
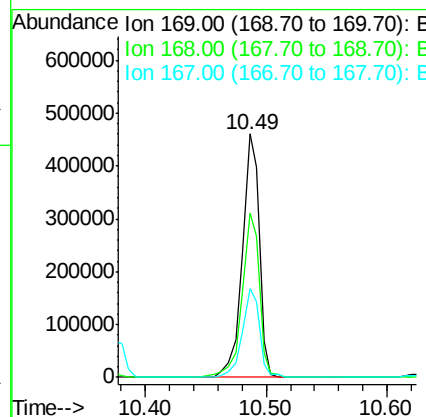
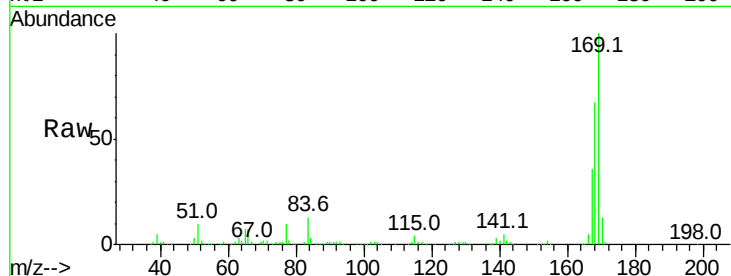




#65
 n-Nitrosodiphenylamine
 Concen: 45.138 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

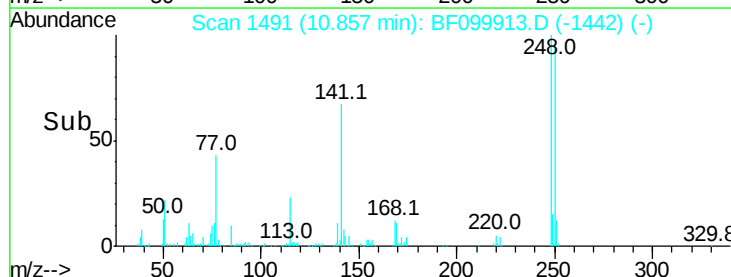
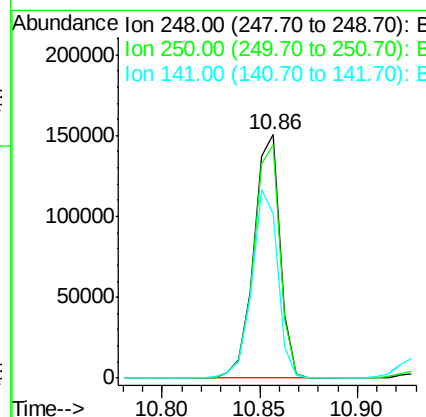
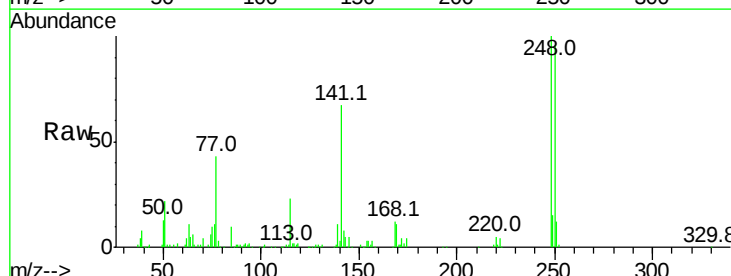
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.4	81.6
167	36.4	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.255 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	67.3	74.4	111.6#

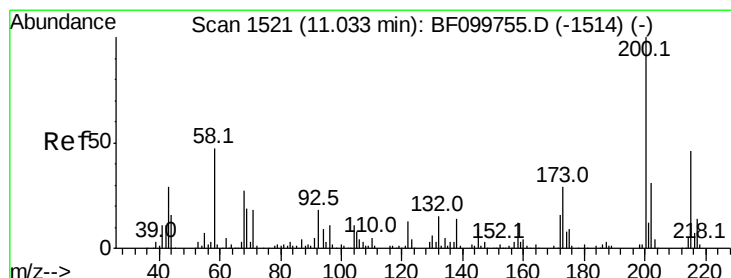
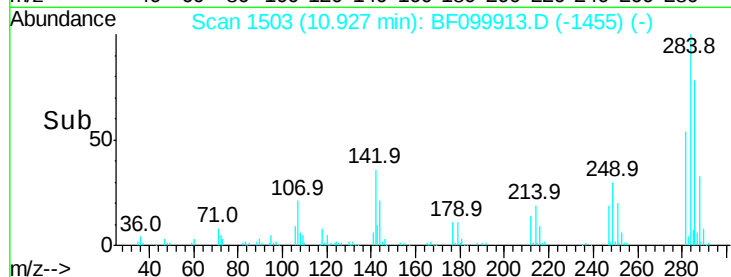
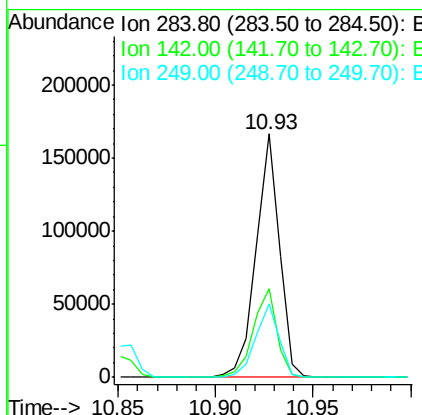
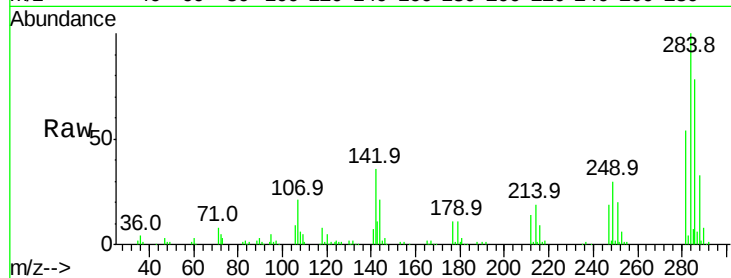




#67
Hexachlorobenzene
Concen: 47.454 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

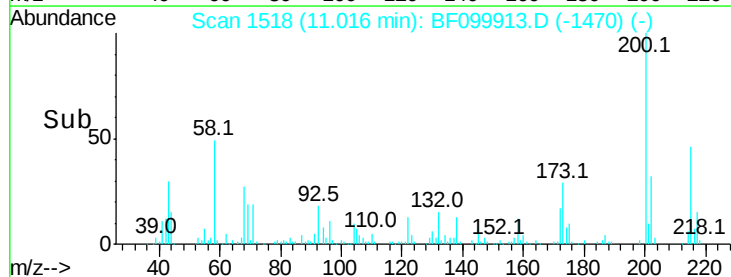
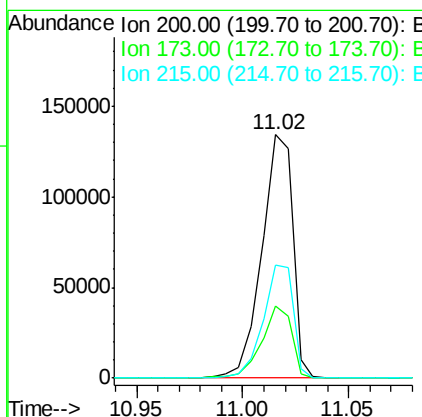
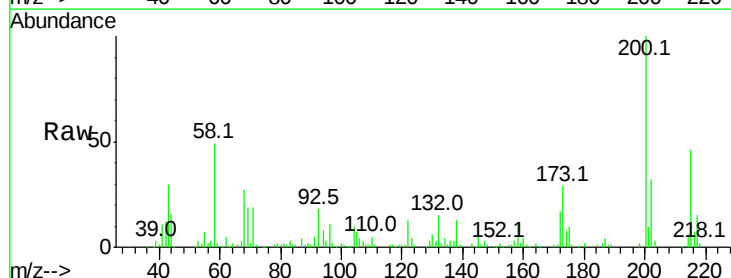
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	34.6	52.0
249	30.2	24.8	37.2



#68
Atrazine
Concen: 45.397 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	8.6	48.6
215	46.2	25.1	65.1

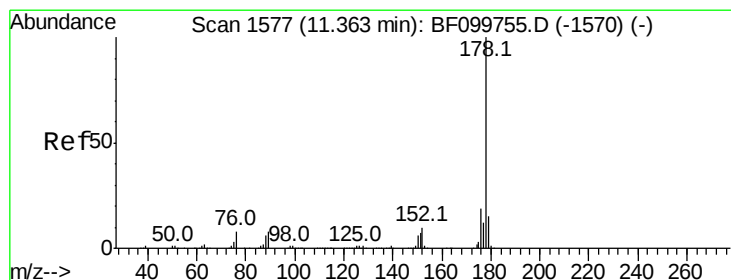
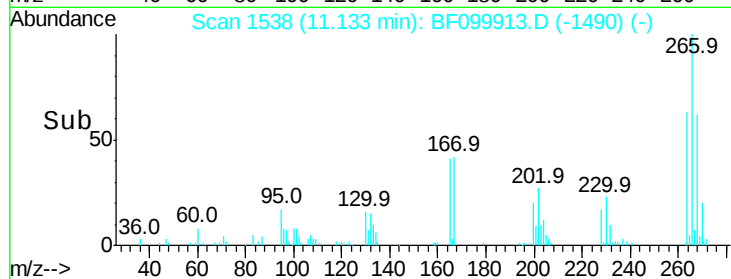
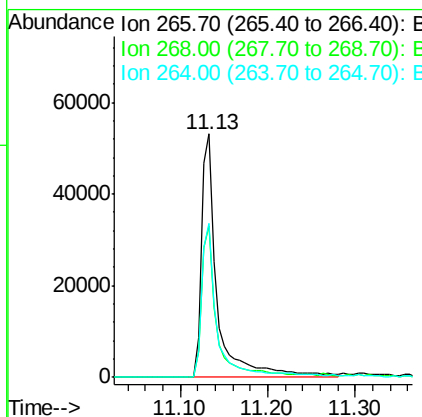
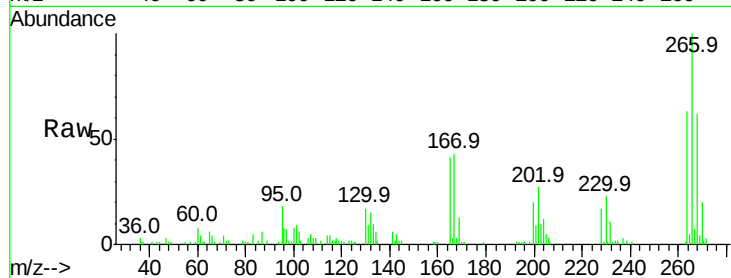




#69
 Pentachlorophenol
 Concen: 53.940 ng
 RT: 11.13 min Scan# 1538
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

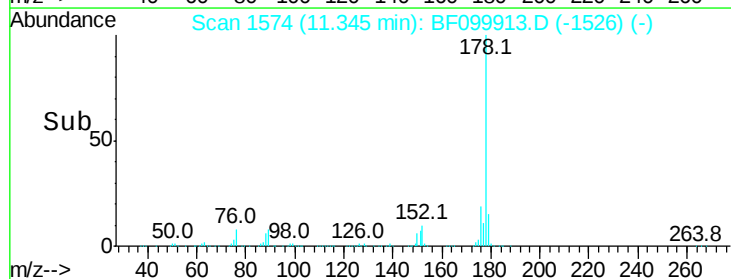
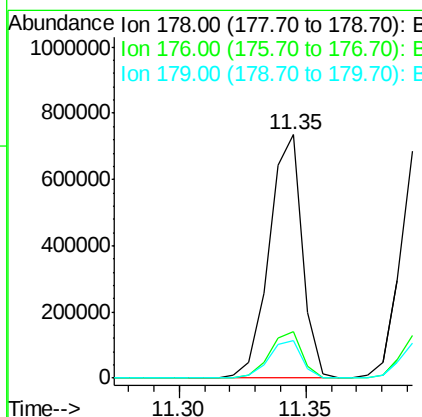
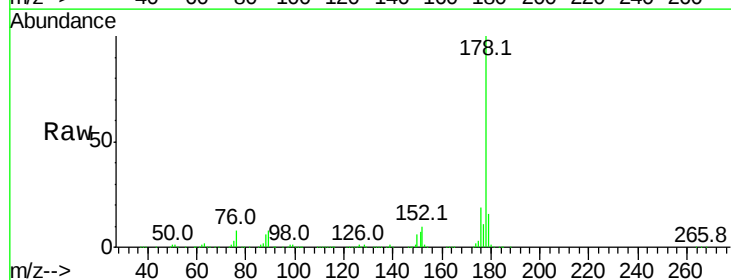
Instrument :
 BNA_F
 ClientSampleId :

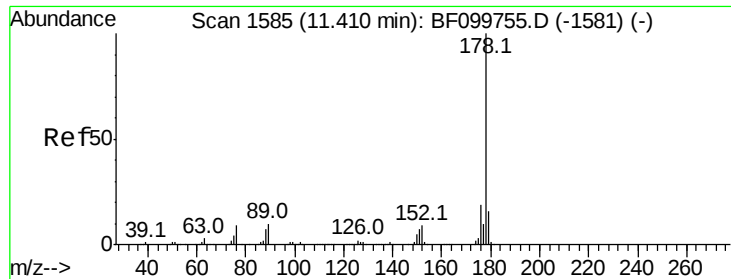
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	63.3	49.5	74.3



#70
 Phenanthrene
 Concen: 44.017 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.6	13.0	19.6

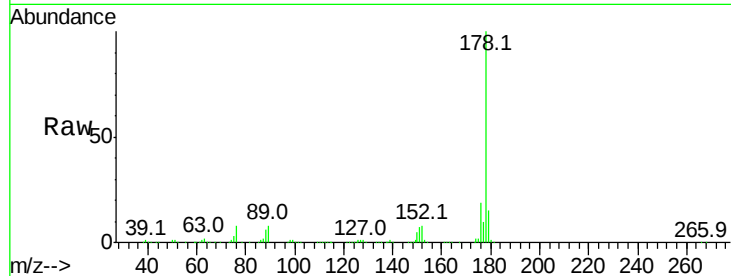




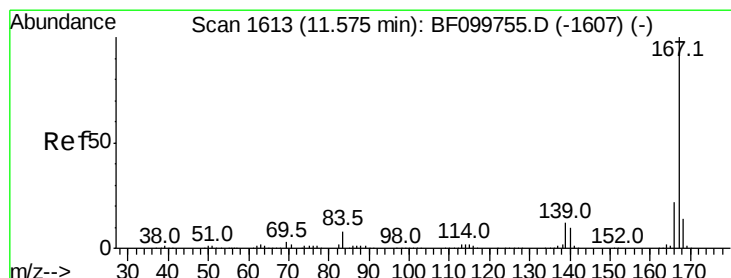
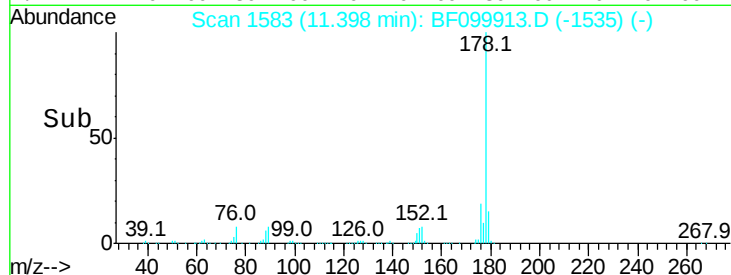
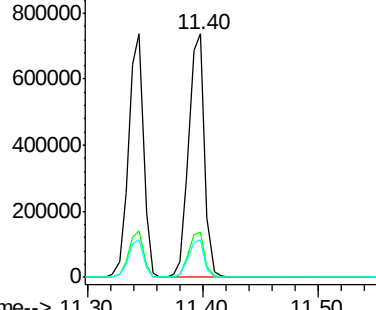
#71
 Anthracene
 Concen: 45.247 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 703080
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.4 12.6 19.0

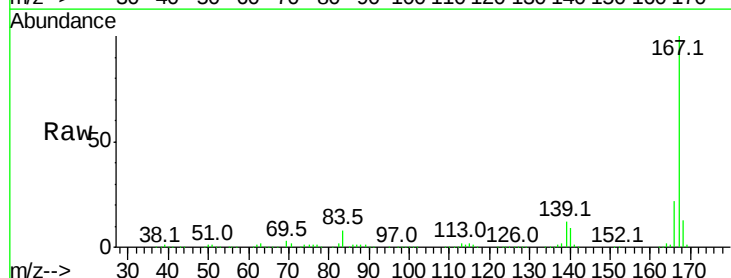


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

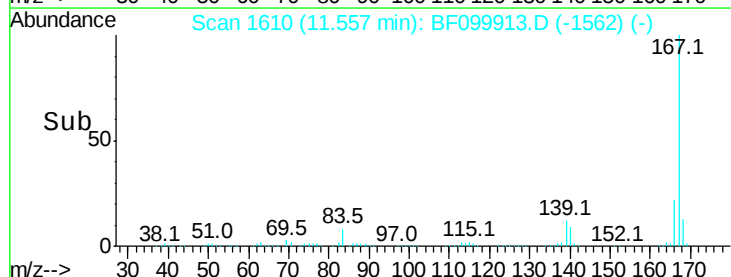
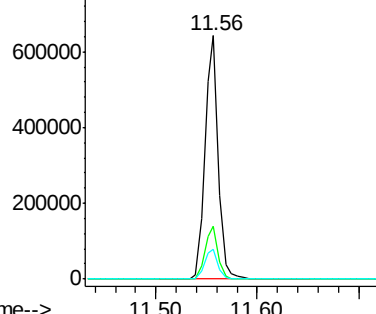


#72
 Carbazole
 Concen: 39.513 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:167 Resp: 577384
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 12.1 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

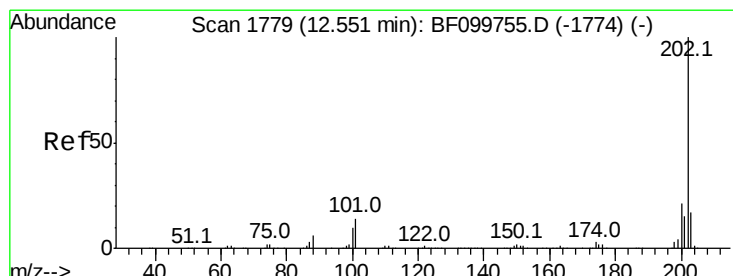
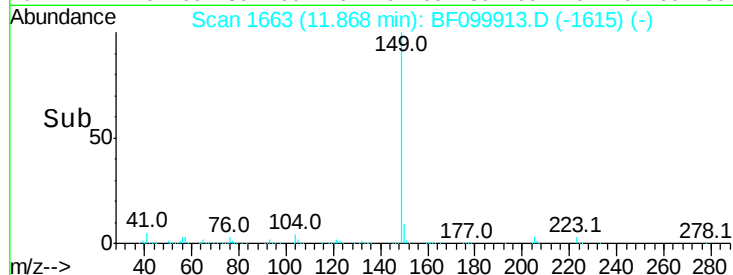
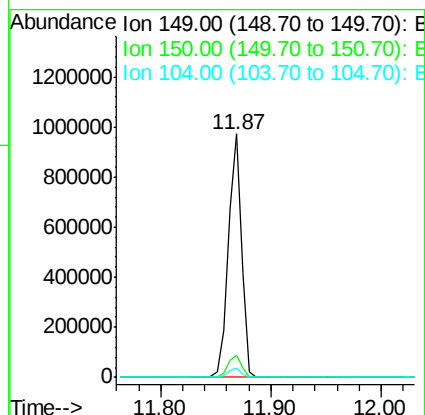
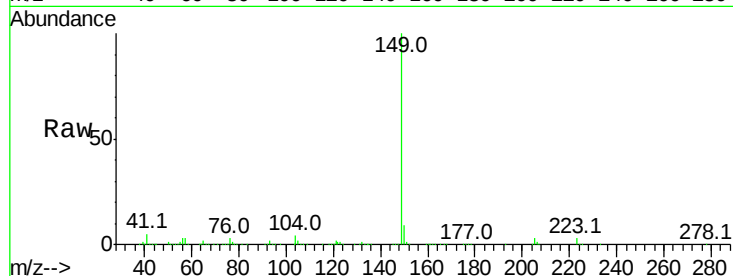




#73
Di-n-butylphthalate
Concen: 43.837 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

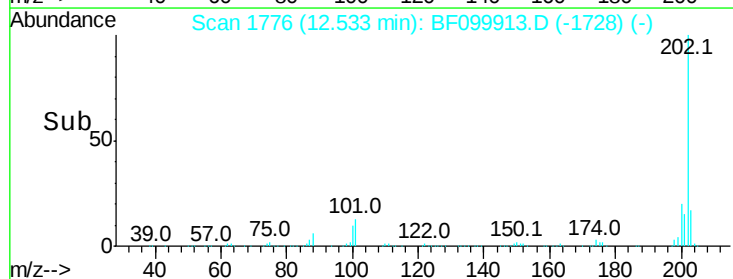
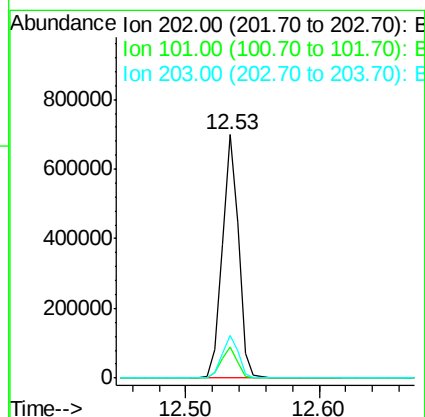
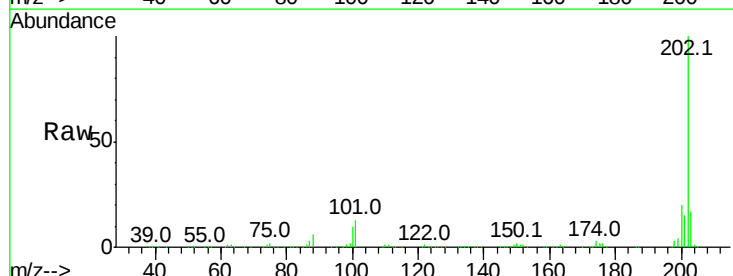
Instrument :
BNA_F
ClientSampleId :

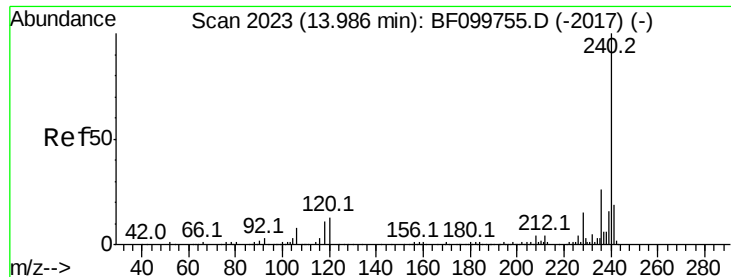
Tot Ion:149 Resp: 817028
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 3.9 3.8 5.8



#74
Fluoranthene
Concen: 37.759 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.02 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion:202 Resp: 600696
Ion Ratio Lower Upper
202 100
101 12.6 0.0 34.1
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

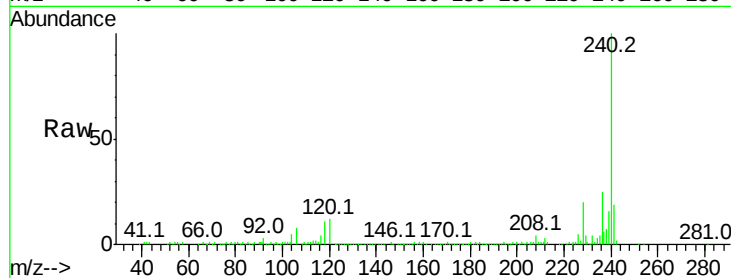
Tot Ion:240 Resp: 144092

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

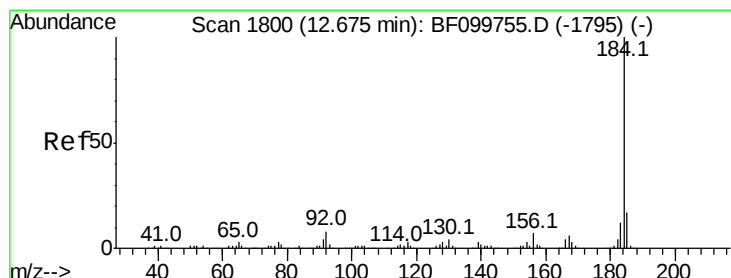
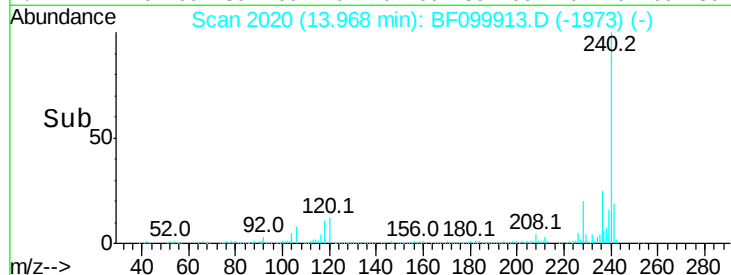
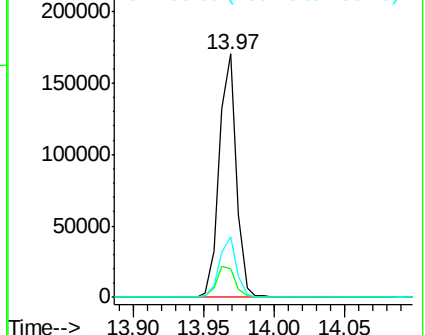
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.664 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

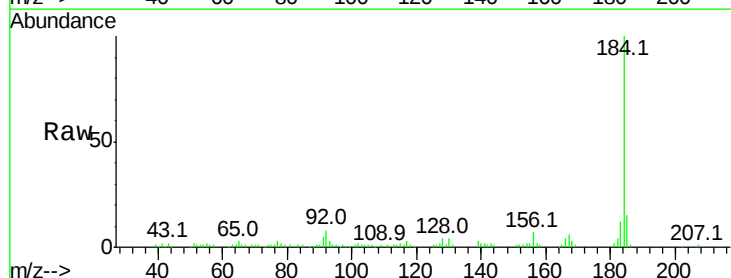
Tgt Ion:184 Resp: 79846

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

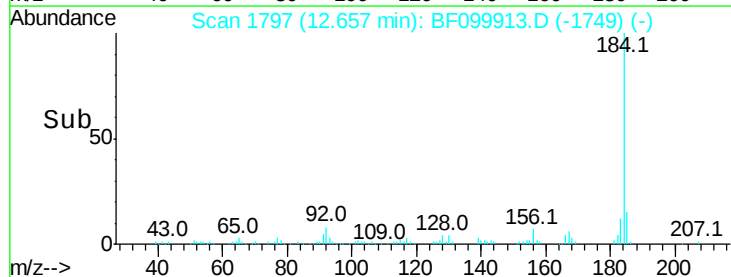
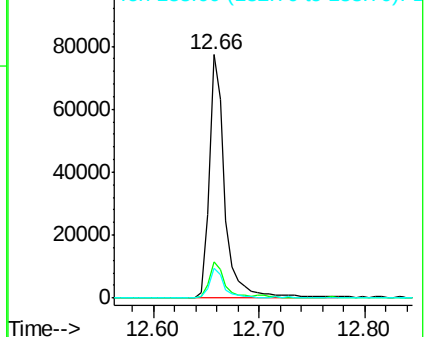
183 12.3 9.3 13.9

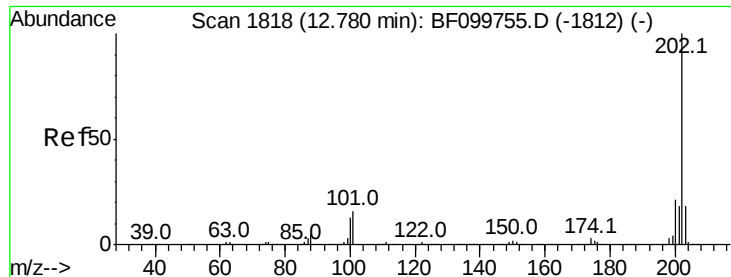


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.152 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

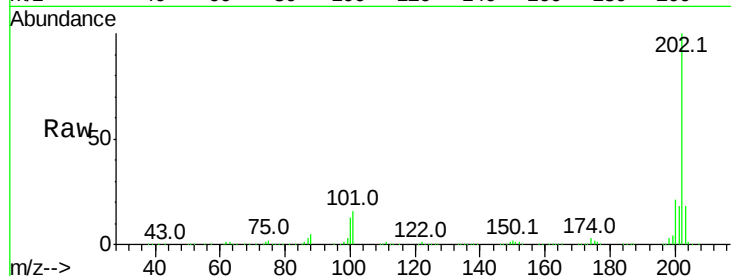
Tot Ion:202 Resp: 582369

Ion Ratio Lower Upper

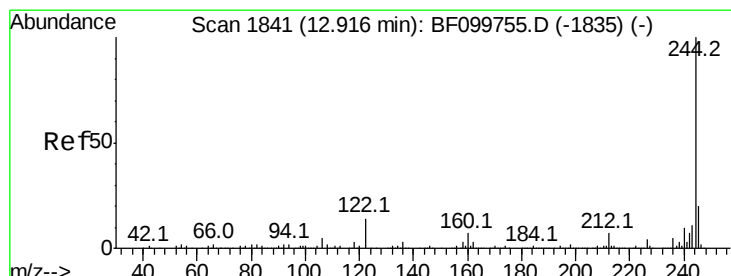
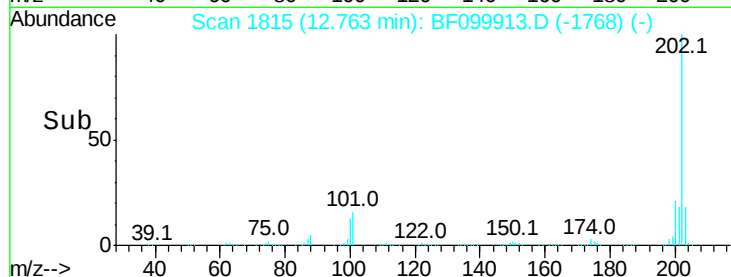
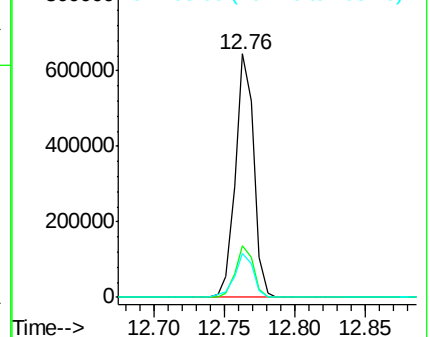
202 100

200 21.5 17.4 26.2

203 18.1 14.3 21.5



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



#78

Terphenyl-d14

Concen: 113.187 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

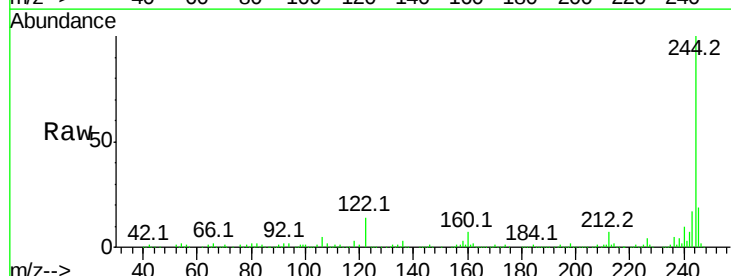
Tgt Ion:244 Resp: 746298

Ion Ratio Lower Upper

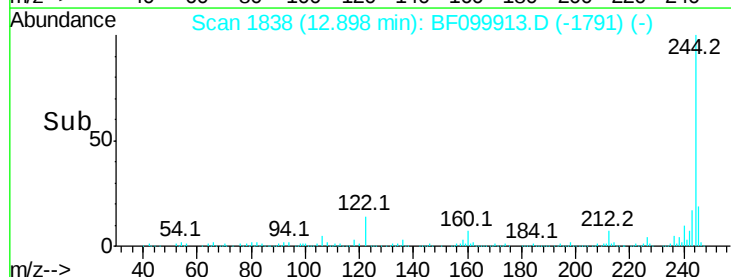
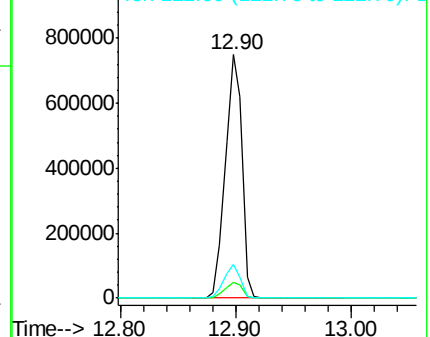
244 100

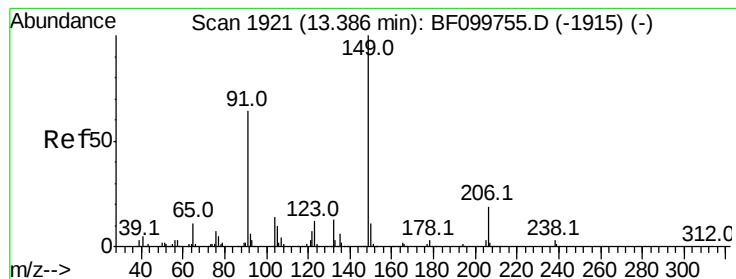
212 6.6 5.4 8.0

122 14.0 11.0 16.4



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





#79

Butylbenzylphthalate

Concen: 49.291 ng

RT: 13.37 min Scan# 1918

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampled :

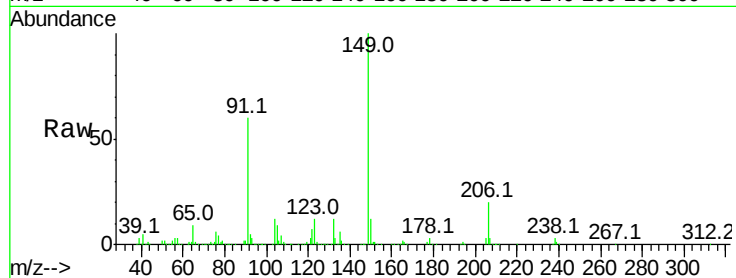
Tot Ion:149 Resp: 265946

Ion Ratio Lower Upper

149 100

91 59.6 56.8 85.2

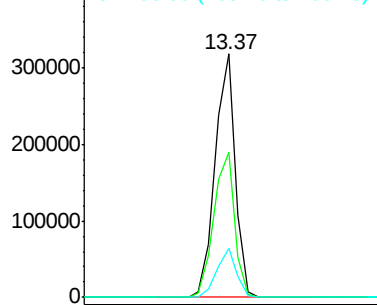
206 20.0 14.1 21.1



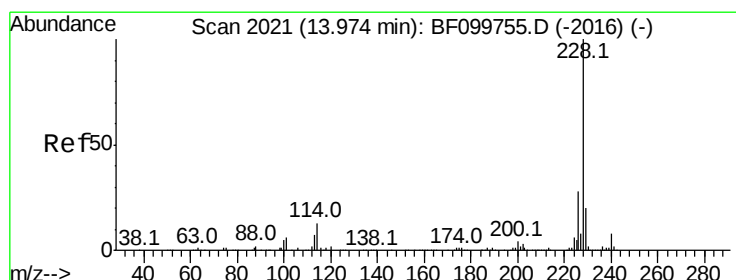
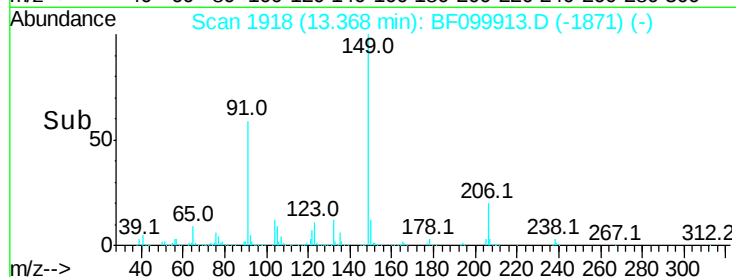
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time--> 13.30 13.35 13.40



#80

Benzo(a)anthracene

Concen: 44.644 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

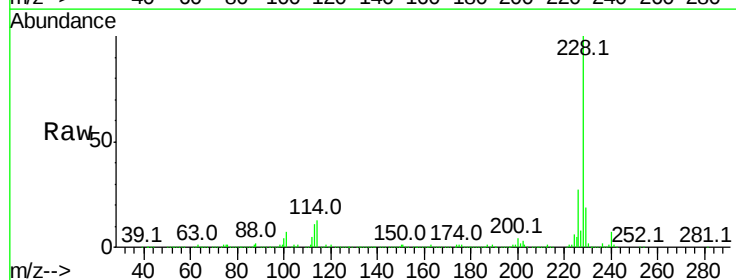
Tgt Ion:228 Resp: 407803

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

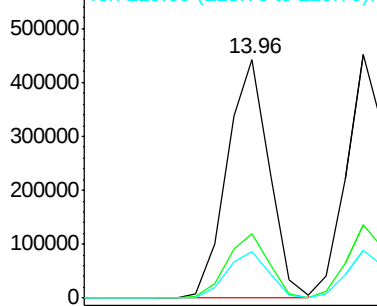
229 19.4 15.8 23.6



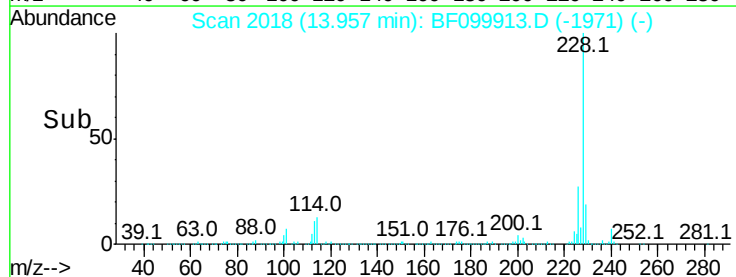
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time--> 13.95

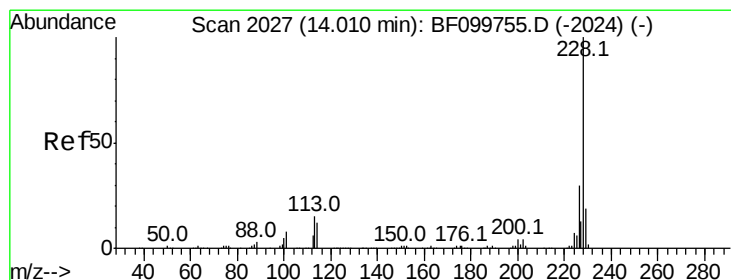
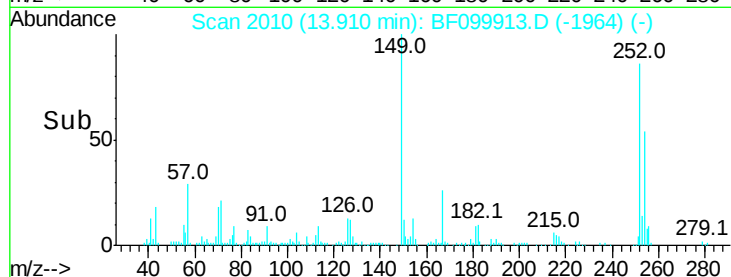
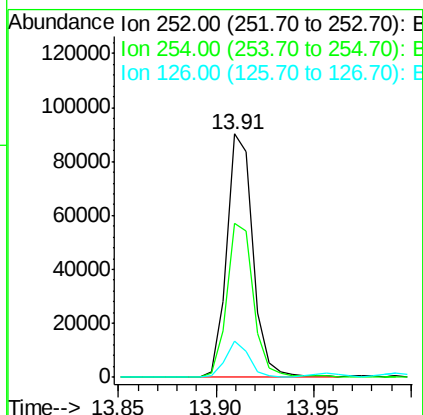
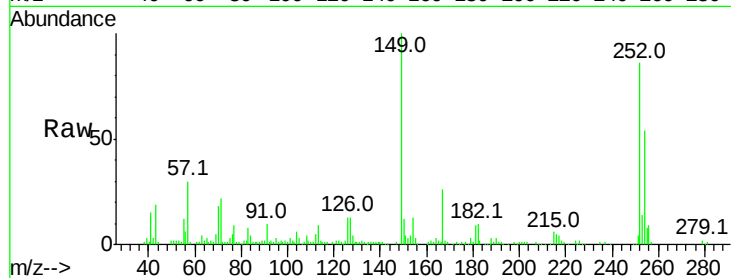




#81
 3,3'-Dichlorobenzidine
 Concen: 25.422 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.03 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

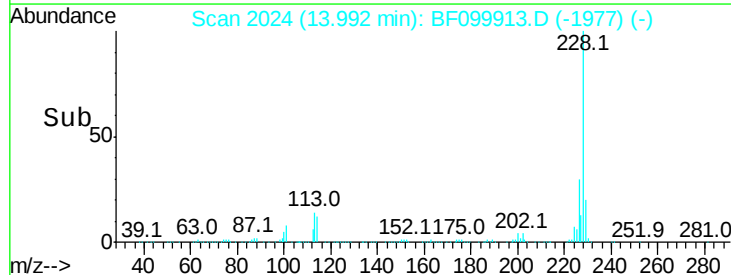
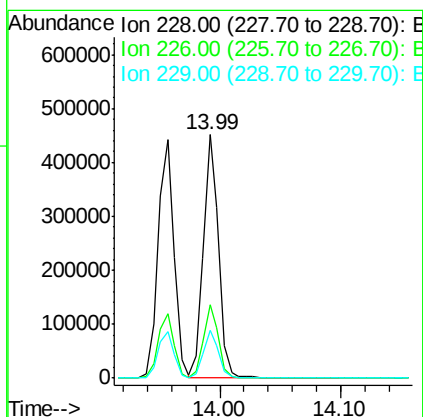
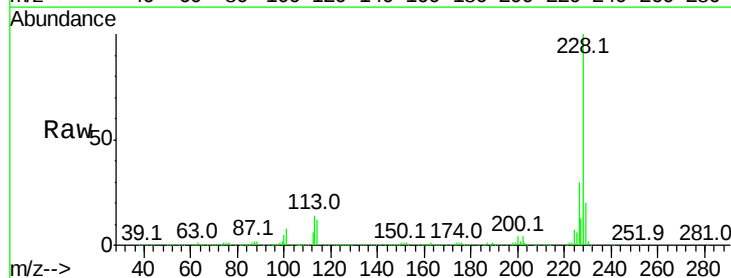
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 84294
 Ion Ratio Lower Upper
 252 100
 254 63.3 50.4 75.6
 126 14.9 11.3 16.9



#82
 Chrysene
 Concen: 45.714 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:228 Resp: 392574
 Ion Ratio Lower Upper
 228 100
 226 30.0 25.0 37.6
 229 19.9 16.2 24.4

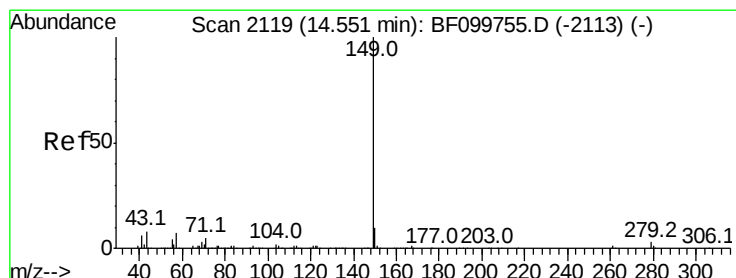
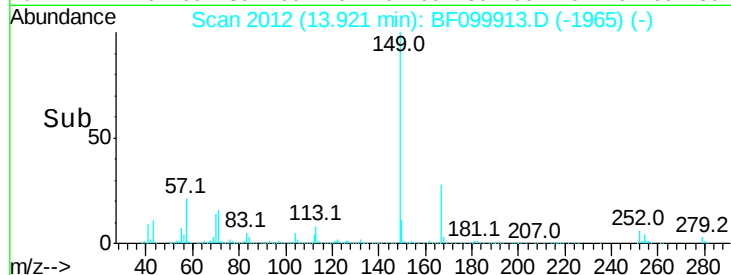
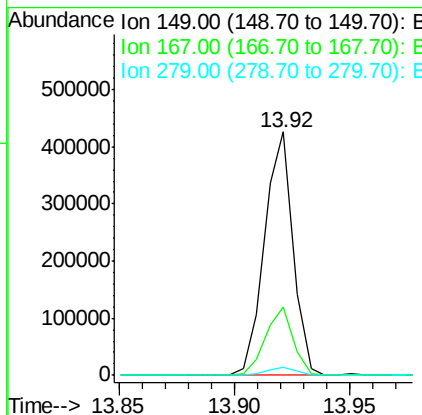
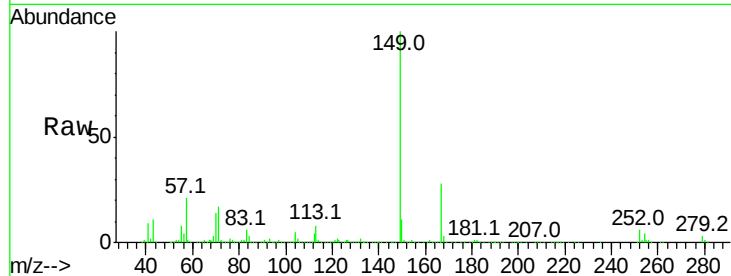




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.191 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

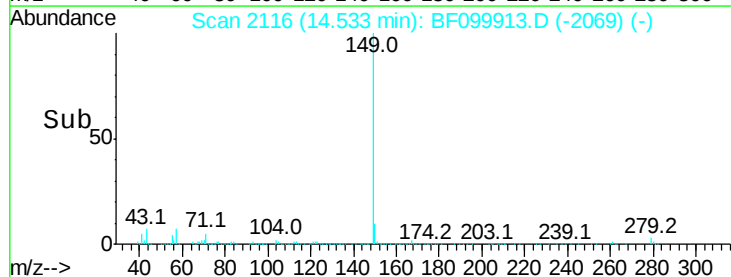
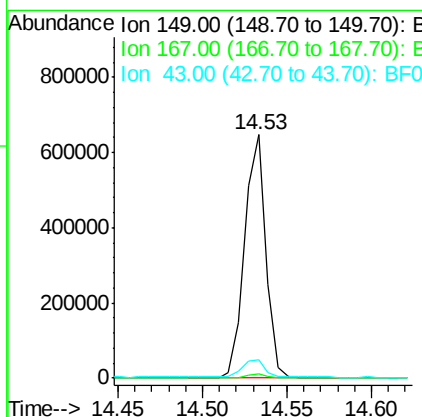
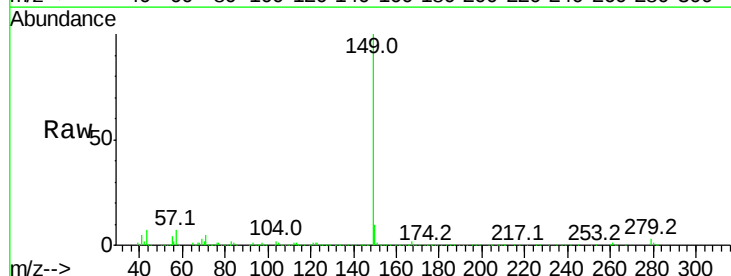
Instrument :
 BNA_F
 ClientSampleId :

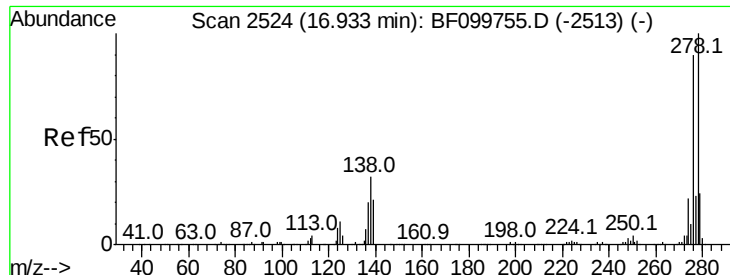
Tot Ion:149 Resp: 365134
 Ion Ratio Lower Upper
 149 100
 167 27.9 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 43.538 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion:149 Resp: 566189
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 7.3 8.4 12.6#

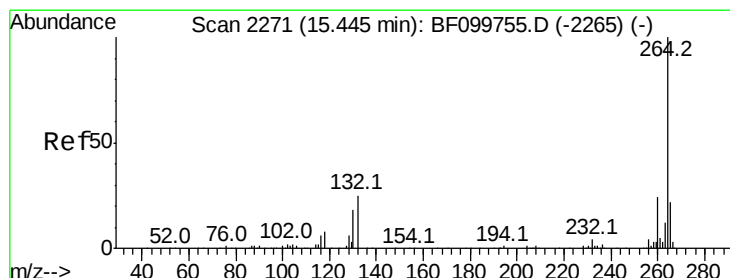
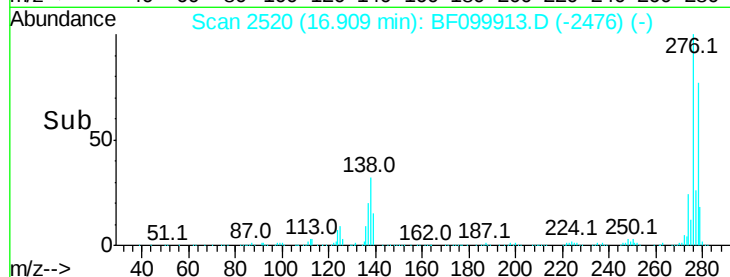
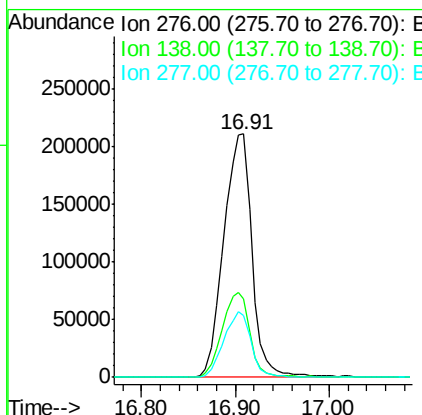
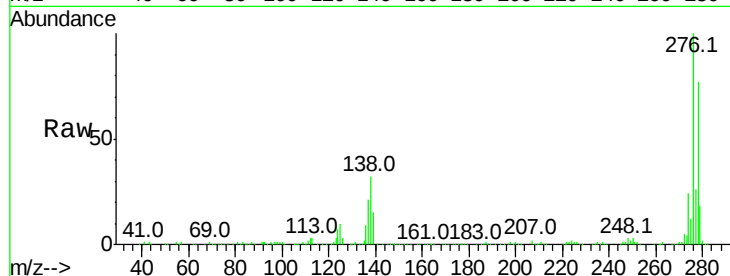




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.031 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.04 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

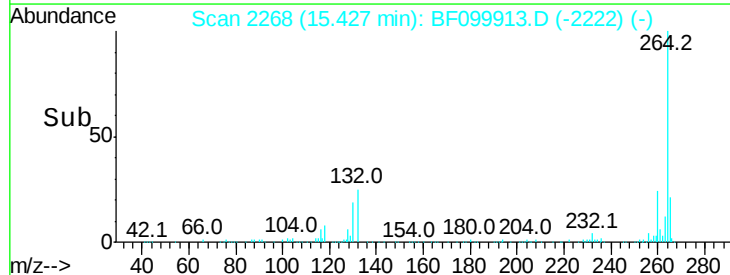
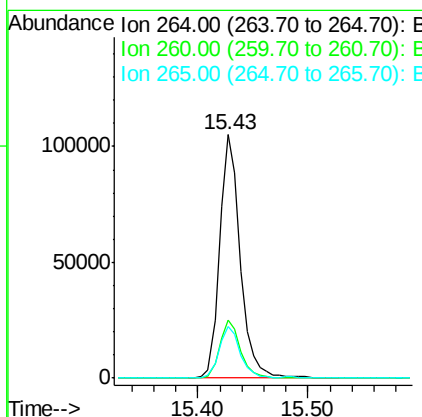
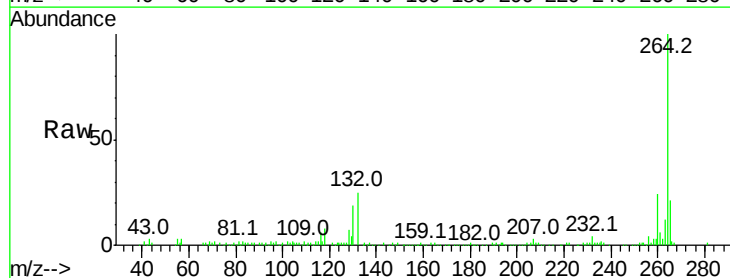
Instrument :
 BNA_F
 ClientSampleId :

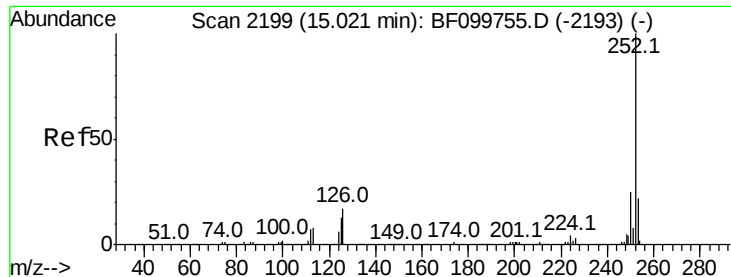
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	25.0	37.6
277	26.0	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.03 min
 Lab File: BF099913.D
 Acq: 28 Oct 2017 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.5	26.3

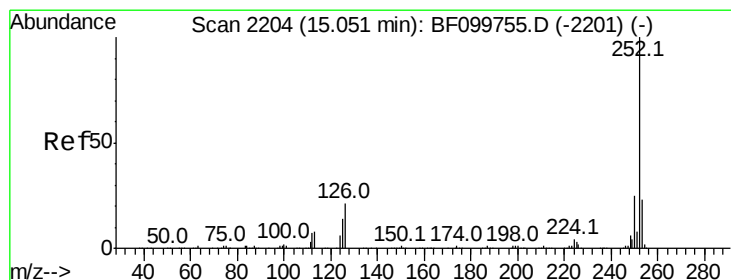
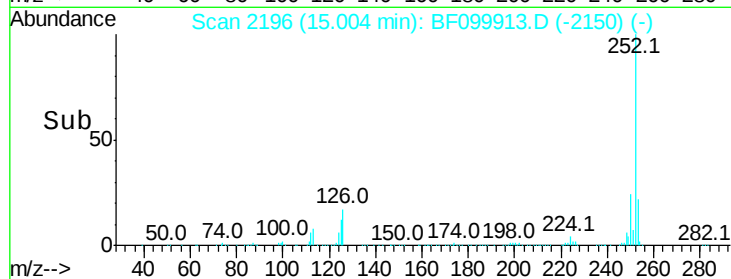
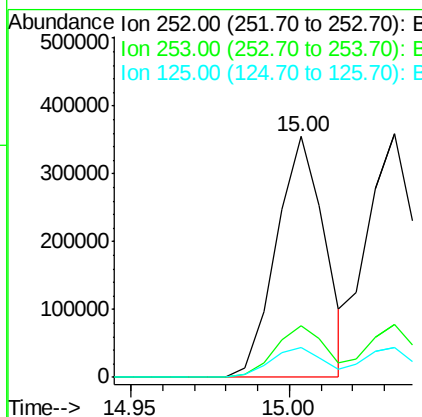
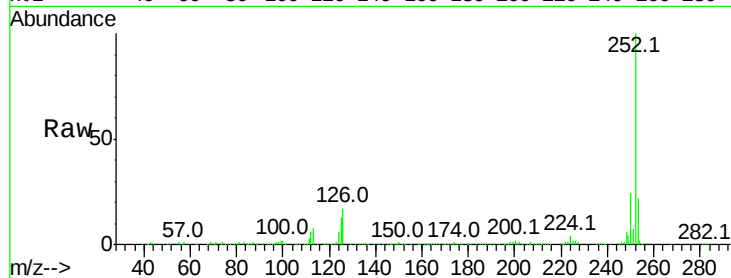




#87
Benzo(b)fluoranthene
Concen: 43.763 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.03 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

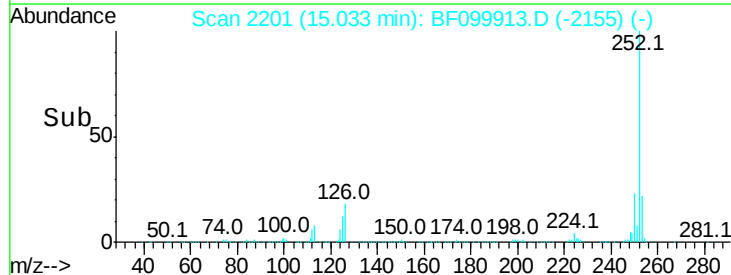
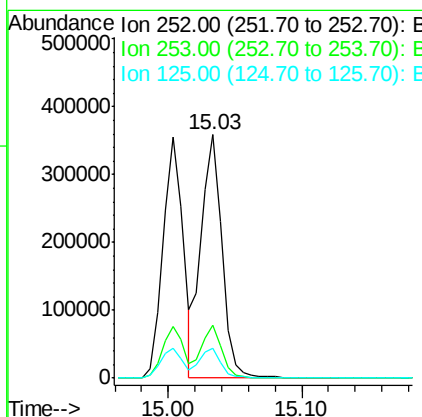
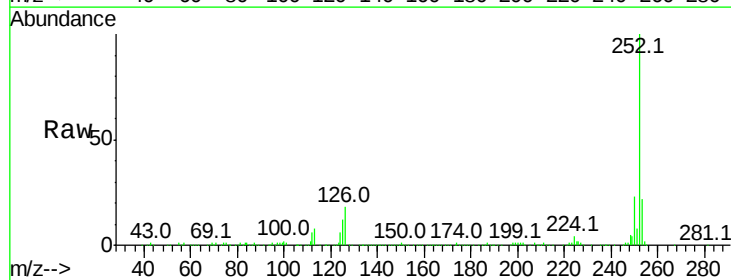
Instrument :
BNA_F
ClientSampleId :

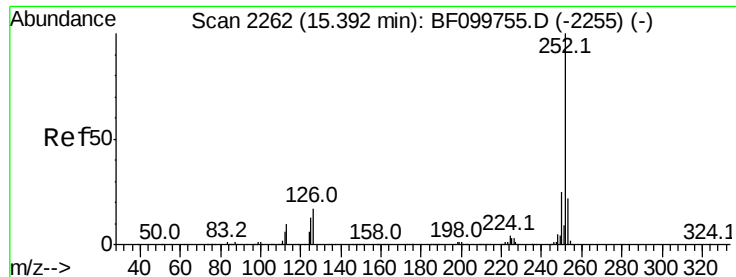
Tot Ion:252 Resp: 377501
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 12.6 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 47.964 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BF099913.D
Acq: 28 Oct 2017 13:21

Tgt Ion:252 Resp: 390142
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.3 10.2 15.2





#89

Benzo(a)pyrene

Concen: 48.505 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :

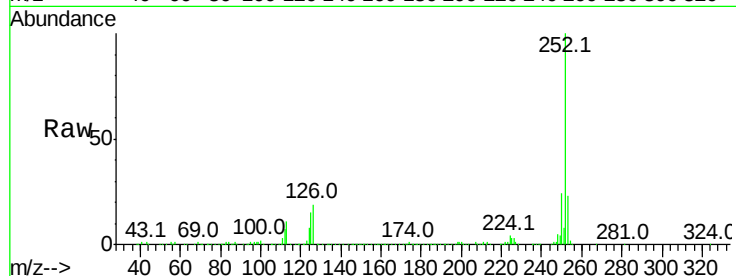
Tot Ion:252 Resp: 375845

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

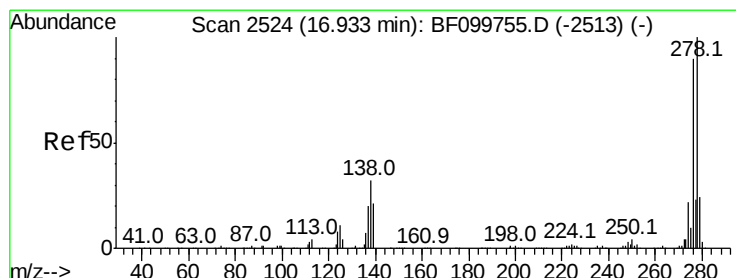
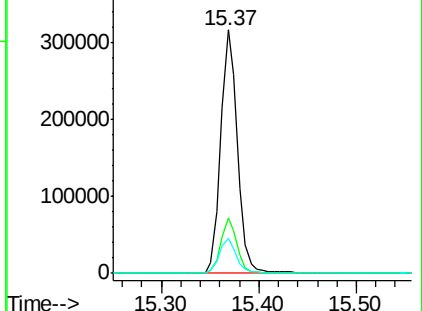
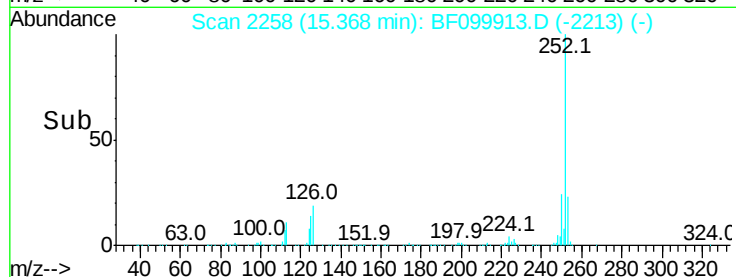
125 14.6 9.8 14.6



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: 54.062 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.05 min

Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

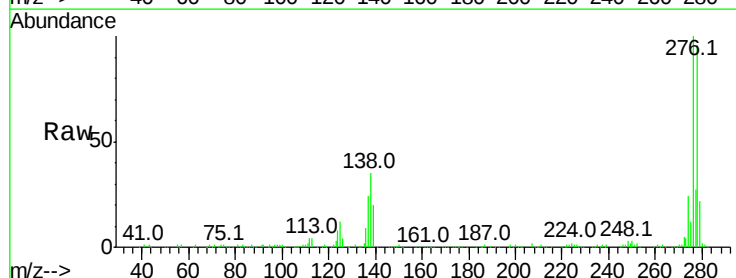
Tgt Ion:278 Resp: 372224

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

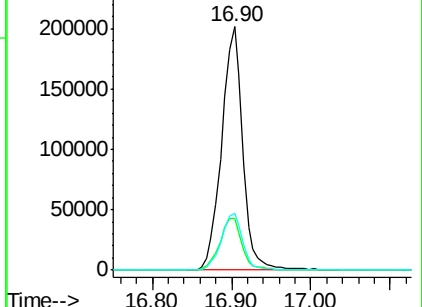
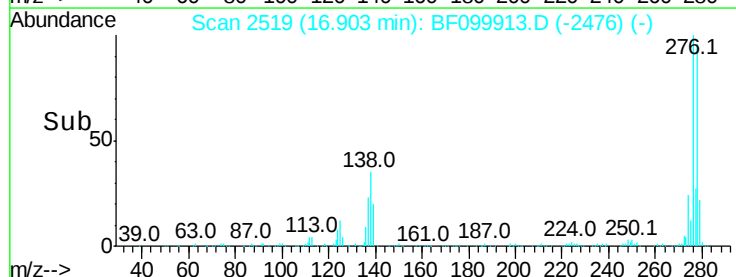
279 23.1 19.0 28.4

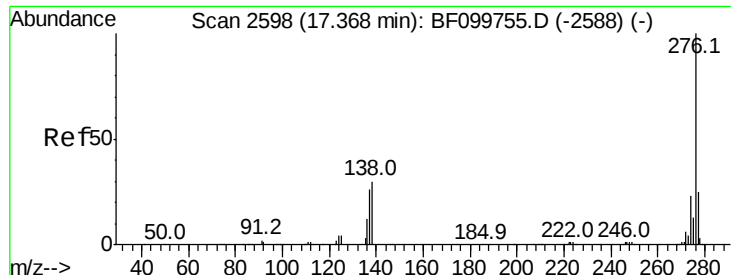


Abundance Ion 278.00 (277.70 to 278.70): E

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: 57.291 ng

RT: 17.34 min Scan# 2594

Delta R.T. -0.05 min

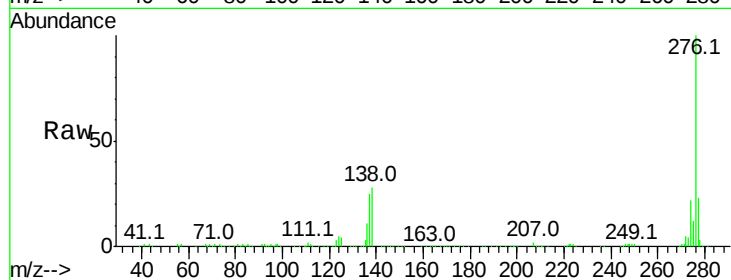
Lab File: BF099913.D

Acq: 28 Oct 2017 13:21

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 385911

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 28.1 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

