

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
 Data File : BF099434.D
 Acq On : 13 Oct 2017 11:06
 Operator : SJ/JU
 Sample : I5775-03MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

Quant Time: Oct 13 13:20:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	122102	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	479684	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	186230	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	273847	20.00	ng	0.00
75) Chrysene-d12	14.02	240	204054	20.00	ng	0.00
86) Perylene-d12	15.49	264	162526	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	845654	110.25	ng	0.03
7) Phenol-d6	6.50	99	939313	99.27	ng	0.01
23) Nitrobenzene-d5	7.42	82	656106	87.72	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	172200	113.00	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1143935	102.55	ng	0.00
78) Terphenyl-d14	12.96	244	763917	85.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	120798	32.969	ng	# 81
3) Pyridine	3.55	79	214465	21.638	ng	94
4) n-Nitrosodimethylamine	3.49	42	140887	33.520	ng	83
6) Aniline	6.52	93	192730	15.092	ng	96
8) 2-Chlorophenol	6.65	128	336097	38.693	ng	96
9) Benzaldehyde	6.41	77	78751	14.348	ng	95
10) Phenol	6.51	94	353538	33.409	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	329872	40.098	ng	95
12) 1,3-Dichlorobenzene	6.80	146	362070	39.802	ng	97
13) 1,4-Dichlorobenzene	6.87	146	363695	39.295	ng	97
14) 1,2-Dichlorobenzene	7.03	146	338292	39.557	ng	97
15) Benzyl Alcohol	7.00	79	257170	37.049	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	461348	35.994	ng	91
17) 2-Methylphenol	7.11	107	273914	38.540	ng	97
18) Hexachloroethane	7.36	117	111176	33.418	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	216255	35.797	ng	95
20) 3+4-Methylphenols	7.26	107	316988	35.255	ng	# 70
22) Acetophenone	7.27	105	442616	38.085	ng	# 97
24) Nitrobenzene	7.44	77	341048	40.195	ng	98
25) Isophorone	7.67	82	629131	40.682	ng	100
26) 2-Nitrophenol	7.76	139	163990	40.192	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	294659	38.240	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	411829	42.733	ng	99
29) 2,4-Dichlorophenol	8.00	162	271685	41.066	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	281344	42.519	ng	98
31) Naphthalene	8.16	128	940065	41.727	ng	99
32) Benzoic acid	7.93	122	156236	24.684	ng	94
33) 4-Chloroaniline	8.21	127	93392	9.927	ng	96
34) Hexachlorobutadiene	8.27	225	141368	41.480	ng	99
35) Caprolactam	8.59	113	65587	30.906	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	268829	36.152	ng	93
37) 2-Methylnaphthalene	8.85	142	628318	42.901	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	248052	44.663	ng	99
40) Hexachlorocyclopentadiene	9.00	237	34257	13.497	ng	98

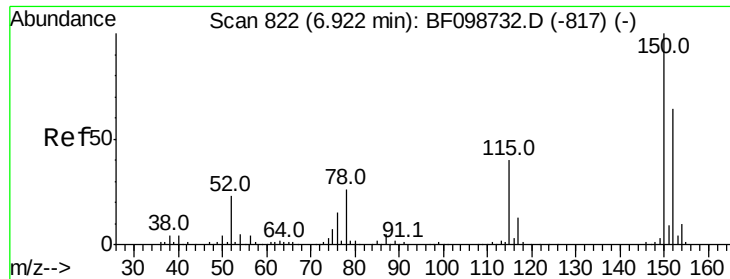
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	163688	41.603	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	170805	43.487	ng	# 93
45) 1,1'-Biphenyl	9.31	154	711903	44.479	ng	100
46) 2-Chloronaphthalene	9.34	162	544422	45.304	ng	97
47) 2-Nitroaniline	9.44	65	158073	42.959	ng	95
48) Acenaphthylene	9.76	152	786477	42.752	ng	100
49) Dimethylphthalate	9.61	163	663588	47.212	ng	100
50) 2,6-Dinitrotoluene	9.68	165	130216	42.554	ng	88
51) Acenaphthene	9.93	154	458483	39.344	ng	99
52) 3-Nitroaniline	9.85	138	125142	35.074	ng	92
53) 2,4-Dinitrophenol	9.96	184	18978	16.872	ng	91
54) Dibenzofuran	10.10	168	680574	43.864	ng	99
55) 4-Nitrophenol	10.02	139	146557	48.578	ng	91
56) 2,4-Dinitrotoluene	10.09	165	147323	37.097	ng	# 94
57) Fluorene	10.44	166	513119	41.145	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113238	41.736	ng	97
59) Diethylphthalate	10.31	149	608225	44.285	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	243842	43.528	ng	97
61) 4-Nitroaniline	10.47	138	136547	39.668	ng	87
62) Azobenzene	10.59	77	506926	40.142	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	16850	10.113	ng	86
65) n-Nitrosodiphenylamine	10.55	169	456391	48.107	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	131722	49.141	ng	# 86
67) Hexachlorobenzene	10.99	284	126268	44.105	ng	99
68) Atrazine	11.07	200	103761	36.352	ng	99
69) Pentachlorophenol	11.19	266	114077	64.025	ng	98
70) Phenanthrene	11.40	178	645063	44.007	ng	99
71) Anthracene	11.46	178	668730	44.587	ng	99
72) Carbazole	11.61	167	602780	41.041	ng	99
73) Di-n-butylphthalate	11.93	149	819357	46.347	ng	99
74) Fluoranthene	12.59	202	635963	42.846	ng	99
76) Benzidine	12.71	184	46747	6.194	ng	99
77) Pyrene	12.82	202	654168	42.042	ng	99
79) Butylbenzylphthalate	13.43	149	320904	43.883	ng	95
80) Benzo(a)anthracene	14.01	228	544702	44.084	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	169408	37.401	ng	98
82) Chrysene	14.04	228	521649	44.345	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	441988	43.895	ng	# 100
84) Di-n-octyl phthalate	14.59	149	781712	48.213	ng	97
85) Indeno(1,2,3-cd)pyrene	16.98	276	381667	40.559	ng	96
87) Benzo(b)fluoranthene	15.06	252	457475	45.781	ng	99
88) Benzo(k)fluoranthene	15.09	252	446189	45.207	ng	98
89) Benzo(a)pyrene	15.43	252	412833	45.007	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	327083	44.557	ng	96
91) Benzo(g,h,i)perylene	17.43	276	317240	43.720	ng	98

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

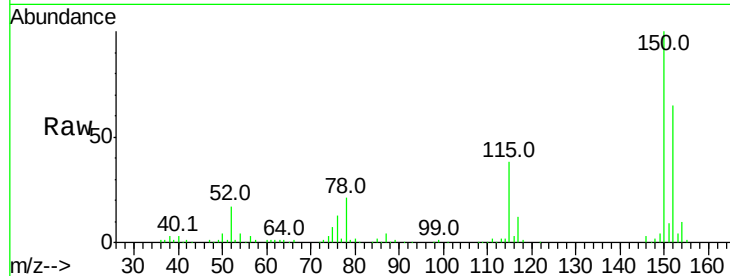


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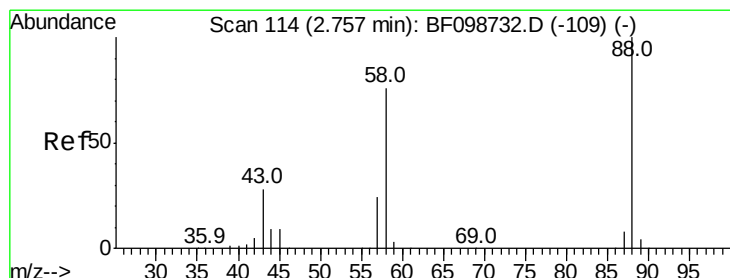
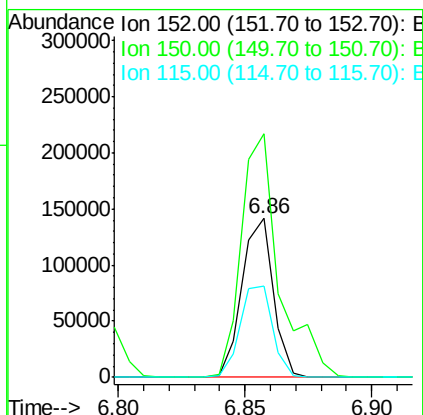
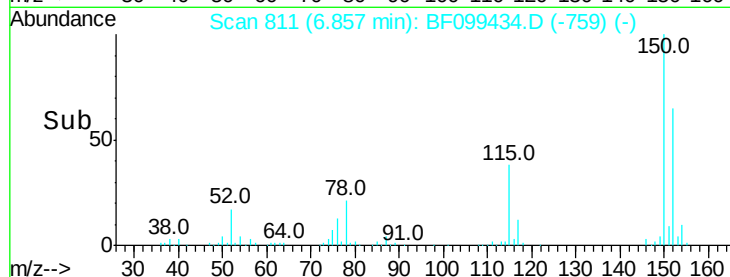
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:152 Resp: 122102
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 57.9 50.1 75.1



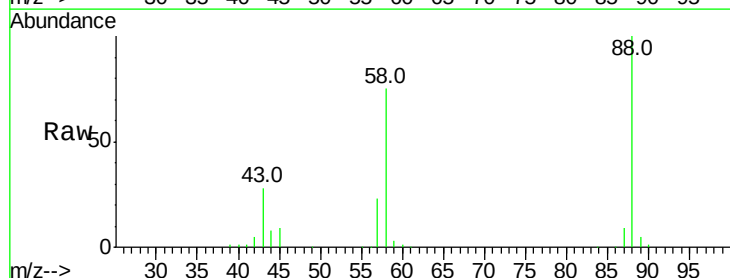
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



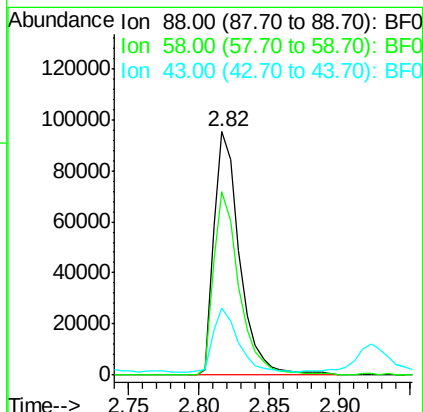
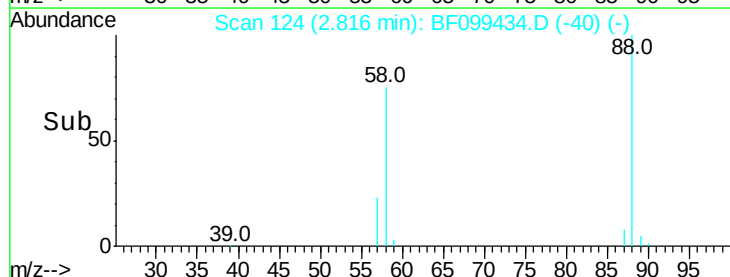
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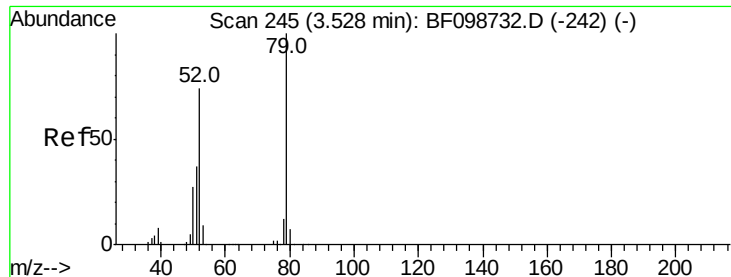
1,4-Dioxane
Concen: 32.969 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.19 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion: 88 Resp: 120798
Ion Ratio Lower Upper
88 100
58 74.7 62.6 93.8
43 0.0 24.6 37.0#



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

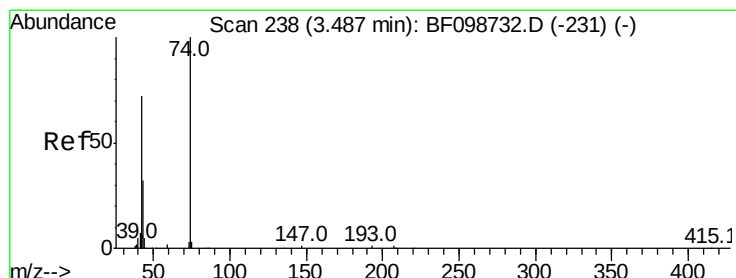
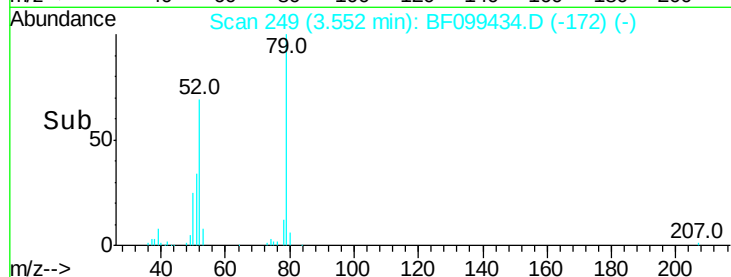
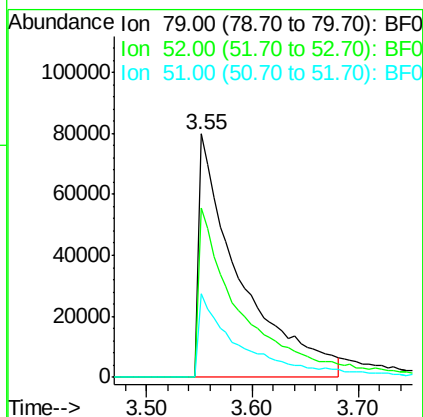
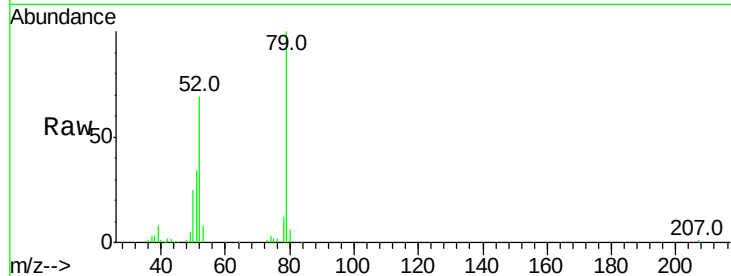




#3
 Pvridine
 Concen: 21.638 ng
 RT: 3.55 min Scan# 249
 Delta R.T. 0.15 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

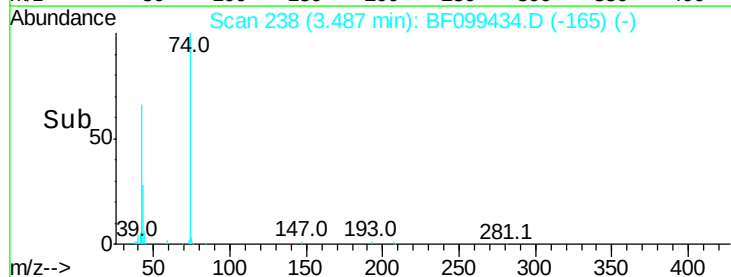
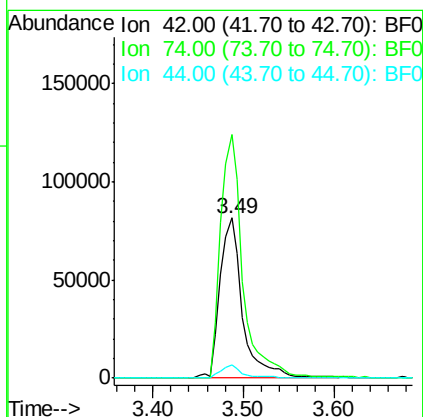
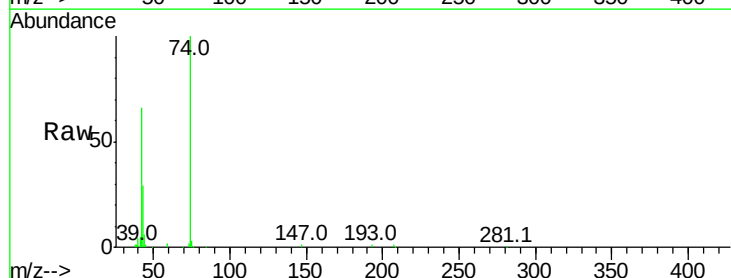
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

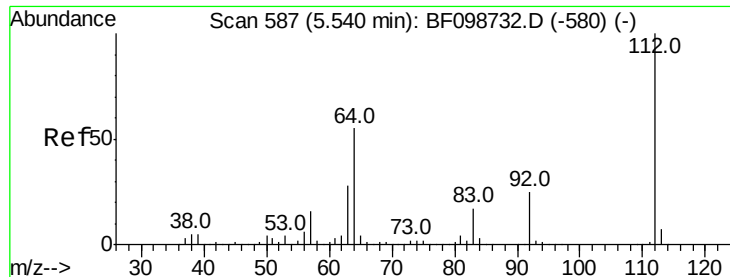
Tot Ion: 79 Resp: 214465
 Ion Ratio Lower Upper
 79 100
 52 69.5 59.8 89.6
 51 34.3 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 33.520 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.13 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion: 42 Resp: 140887
 Ion Ratio Lower Upper
 42 100
 74 151.9 104.9 157.3
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 110.252 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.03 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

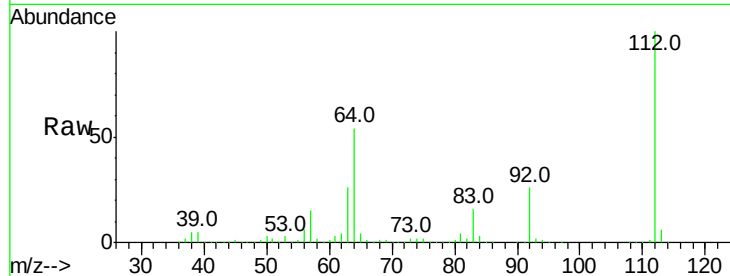
Tot Ion: 112 Resp: 845654

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

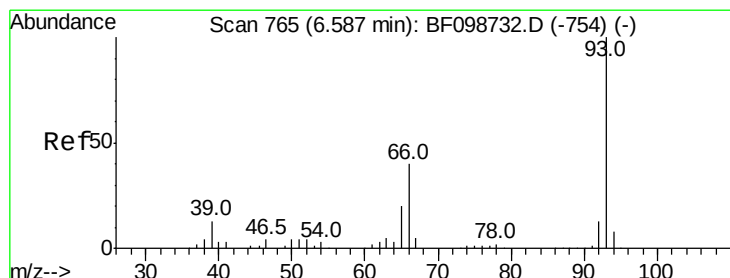
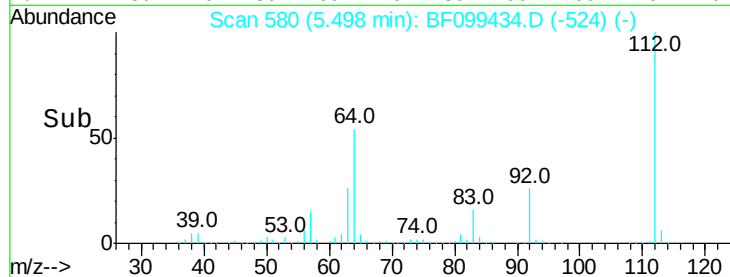
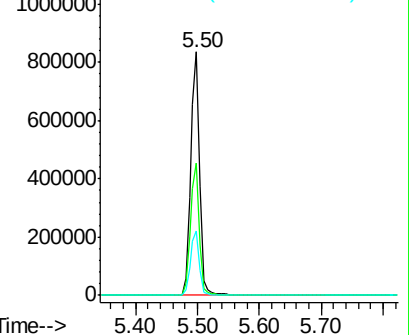
63 26.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.092 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

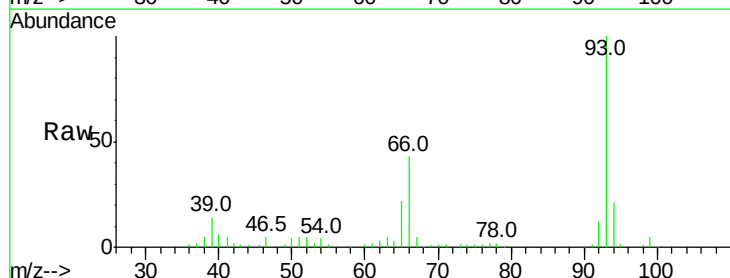
Tgt Ion: 93 Resp: 192730

Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

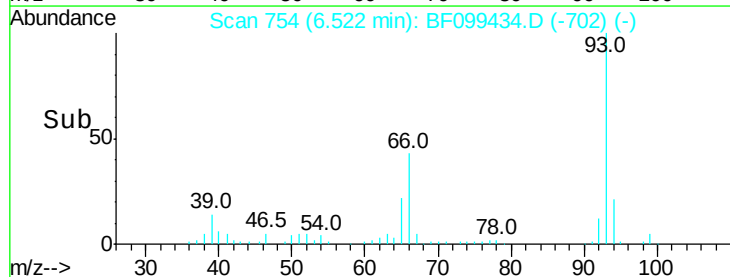
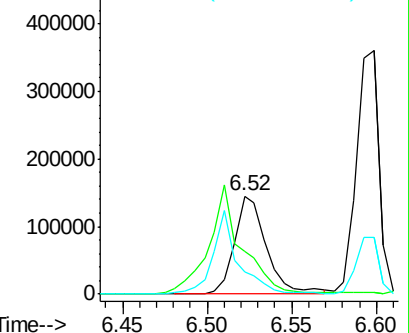
65 22.0 16.4 24.6

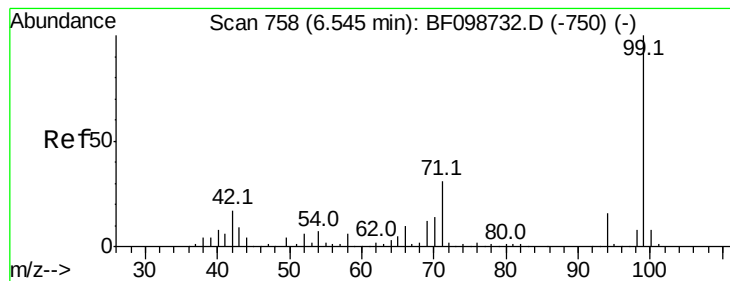


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 99.271 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

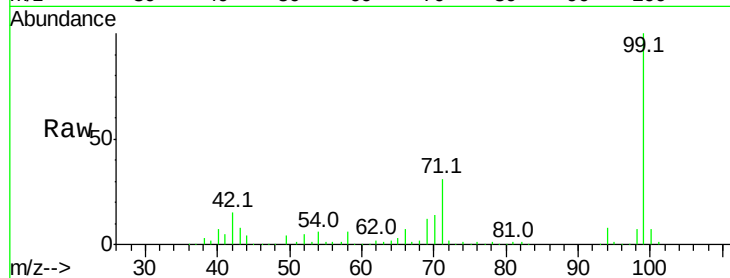
Tot Ion: 99 Resp: 939313

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

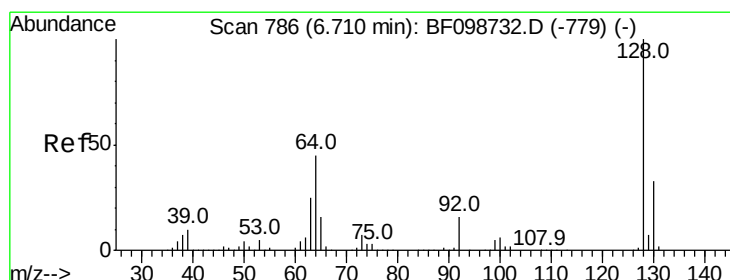
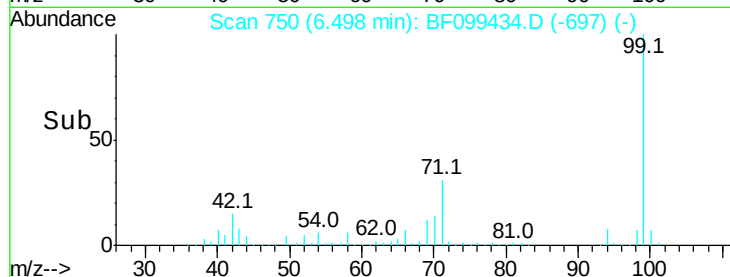
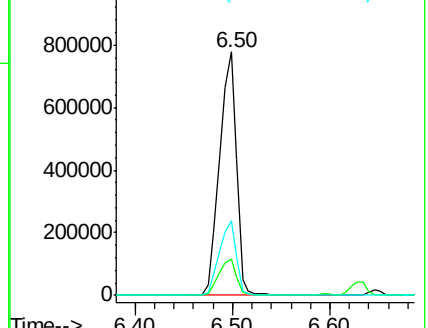
71 30.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.693 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

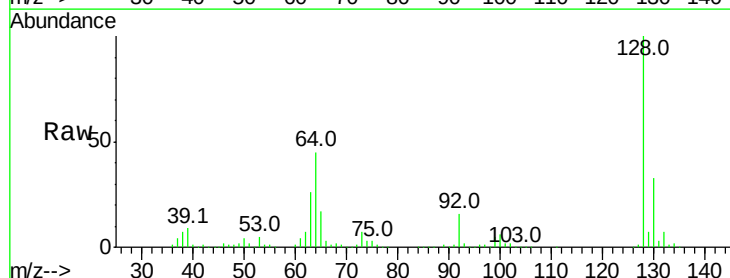
Tgt Ion: 128 Resp: 336097

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

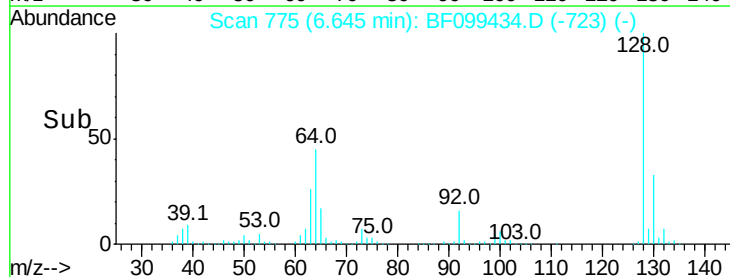
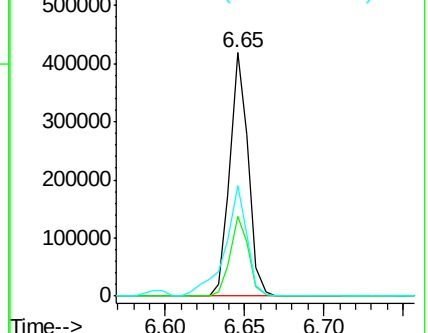
64 45.3 29.4 69.4

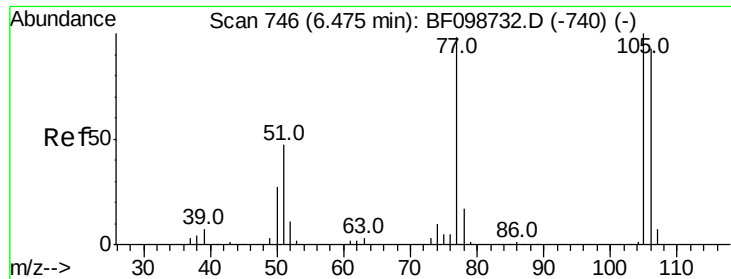


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.348 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

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SU-04-101017MS

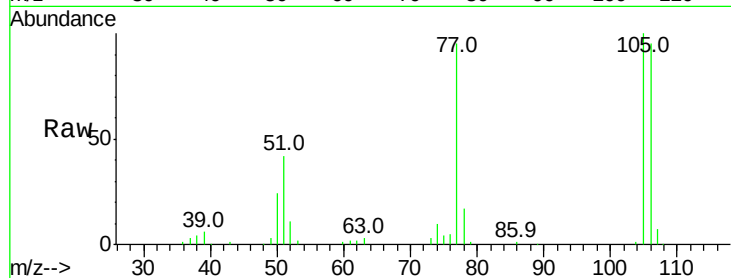
Tot Ion: 77 Resp: 78751

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

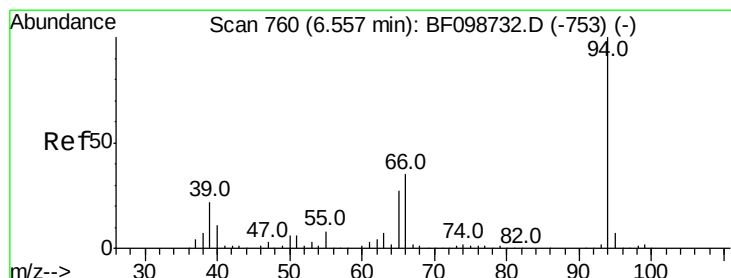
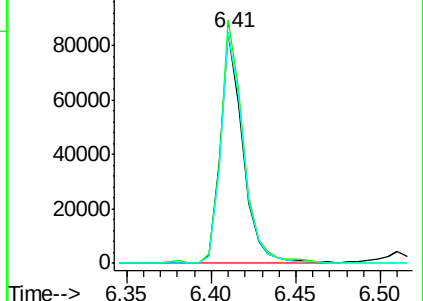
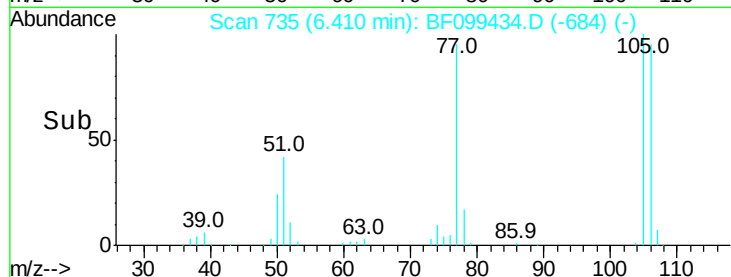
106 99.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.409 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

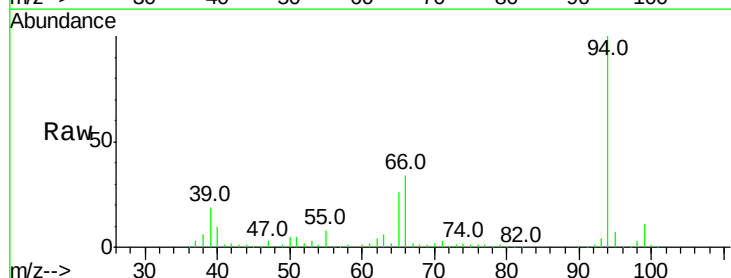
Tgt Ion: 94 Resp: 353538

Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

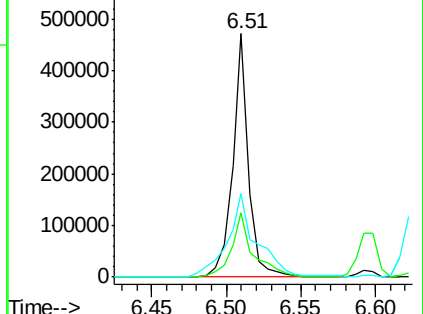
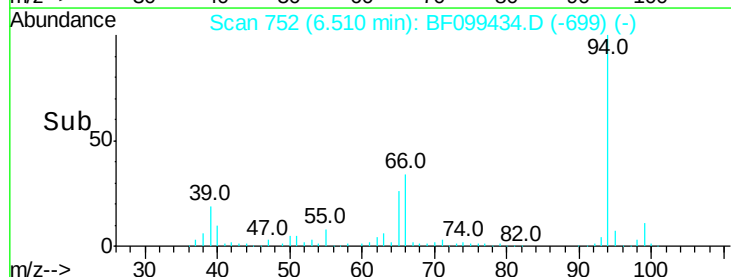
66 34.3 16.2 56.2

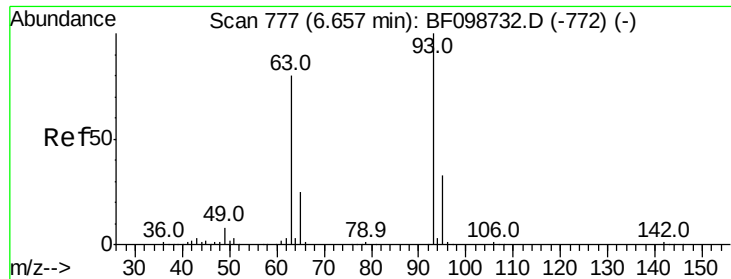


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

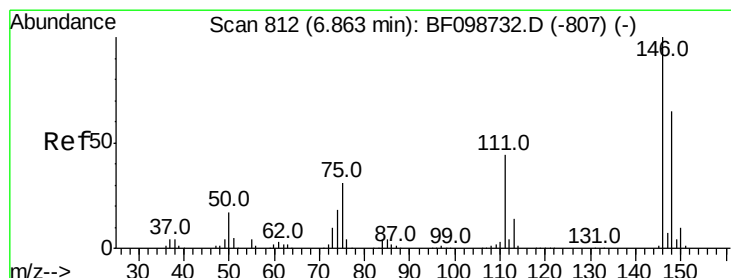
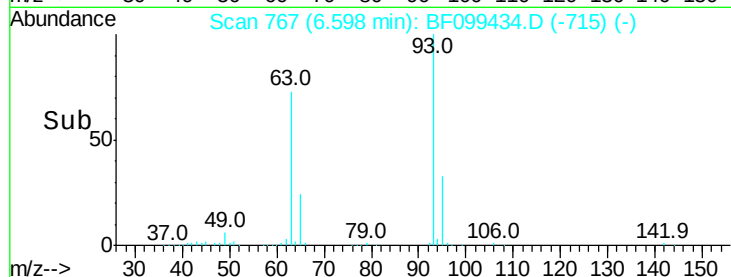
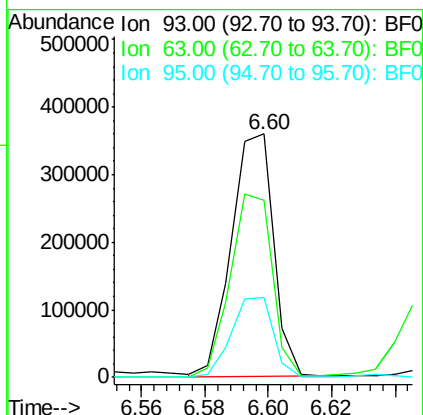
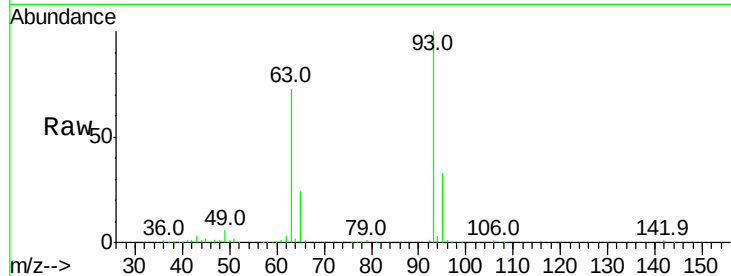




#11
bis(2-Chloroethyl)ether
Concen: 40.098 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

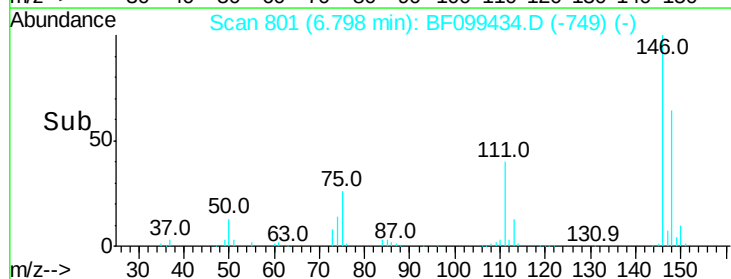
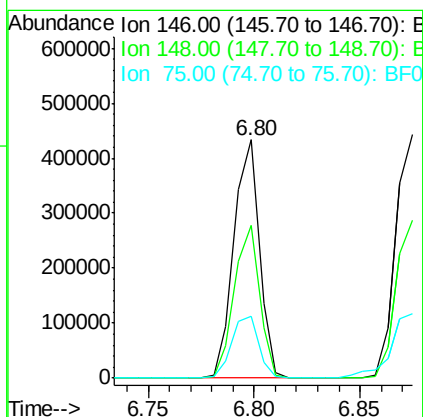
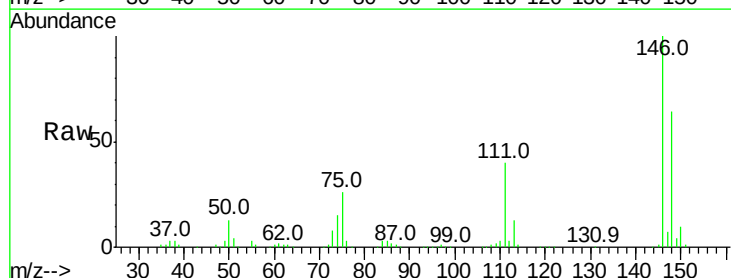
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

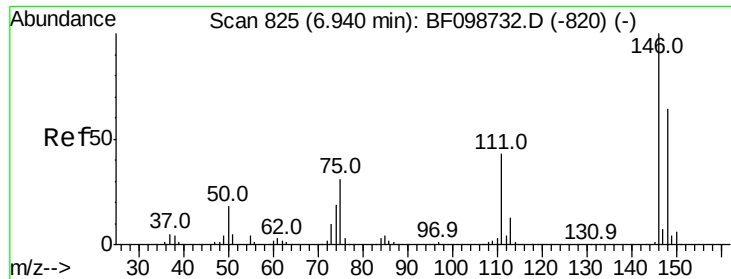
Tot Ion:	93	Resp:	329872
Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 39.802 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:	146	Resp:	362070
Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	25.8	24.2	36.4

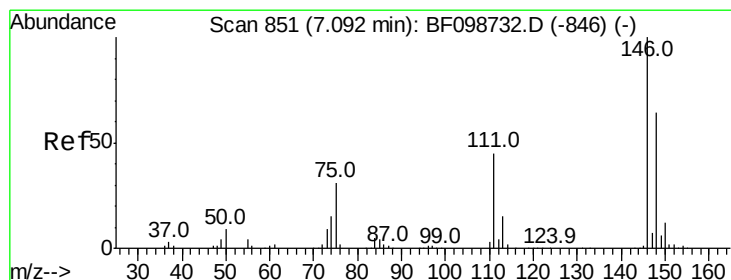
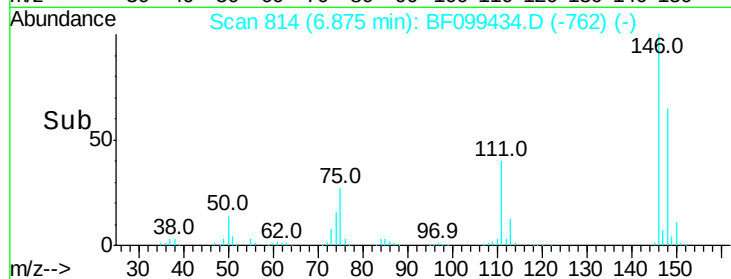
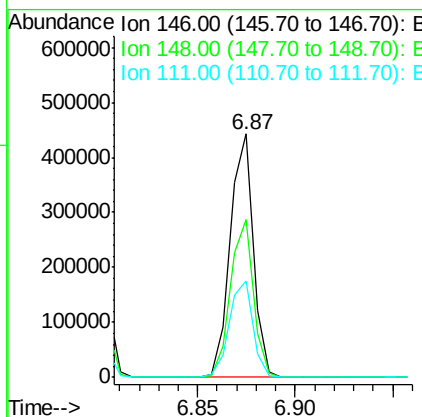
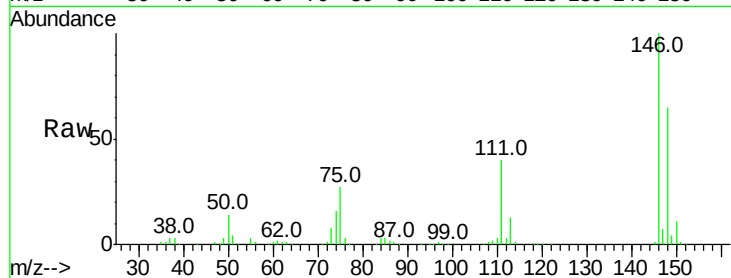




#13
 1,4-Dichlorobenzene
 Concen: 39.295 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

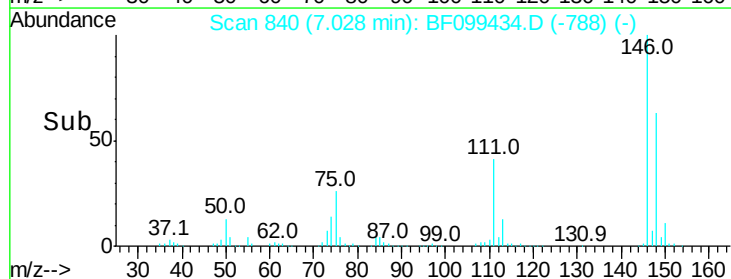
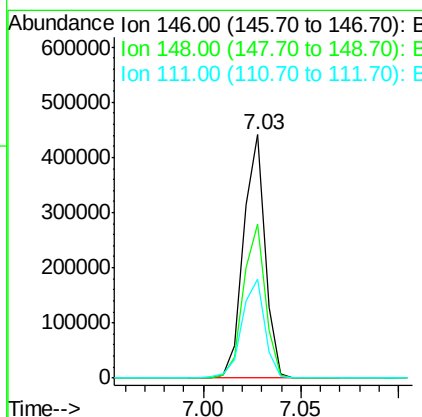
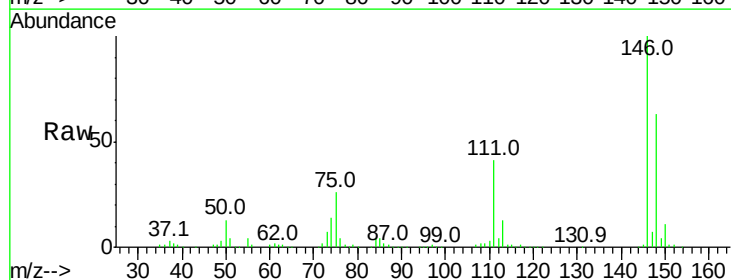
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

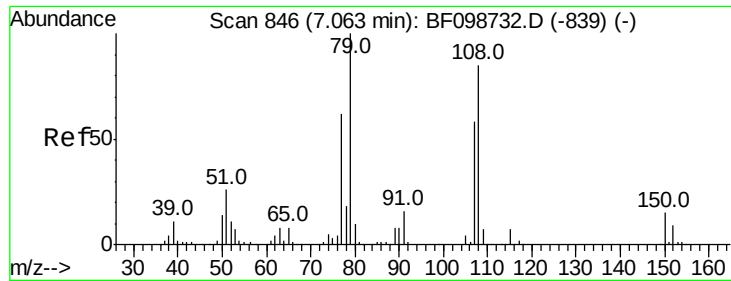
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.8	76.2
111	39.8	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.557 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	40.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.049 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

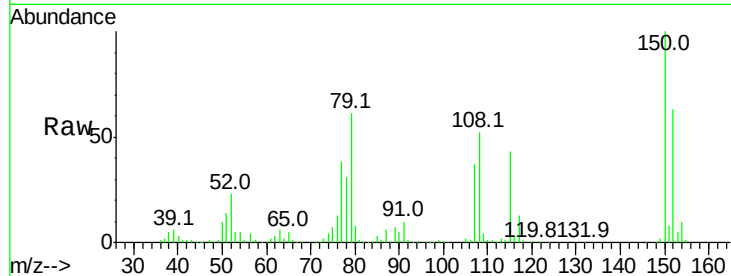
Tot Ion: 79 Resp: 257170

Ion Ratio Lower Upper

79 100

108 86.4 65.1 97.7

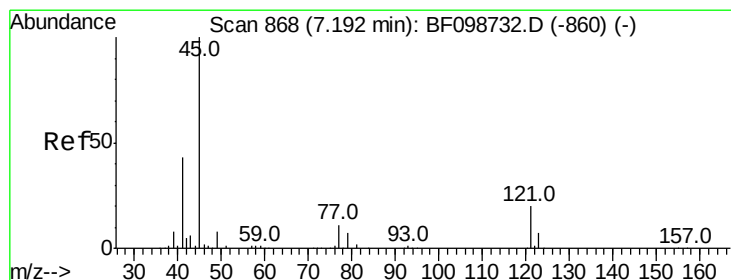
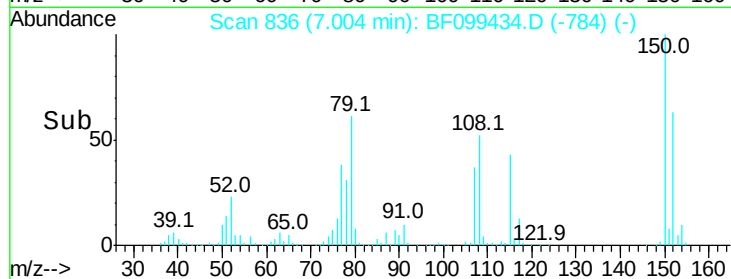
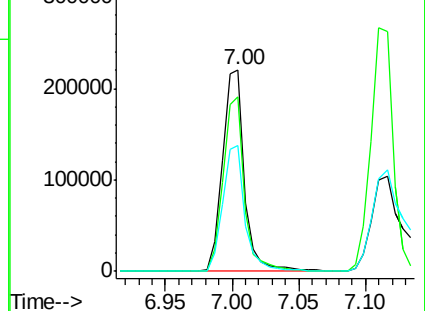
77 62.4 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.994 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

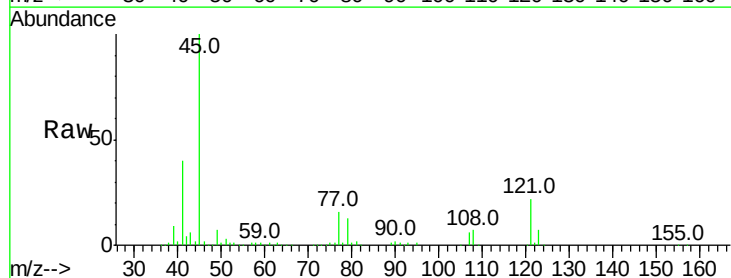
Tgt Ion: 45 Resp: 461348

Ion Ratio Lower Upper

45 100

77 16.4 0.0 32.9

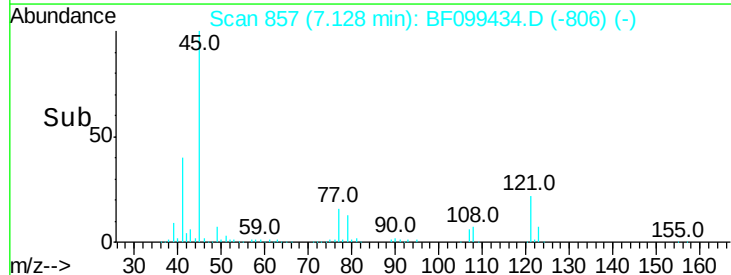
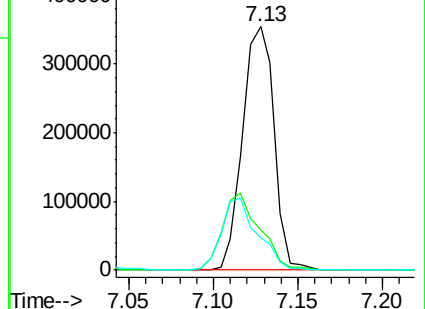
79 13.1 0.0 29.6

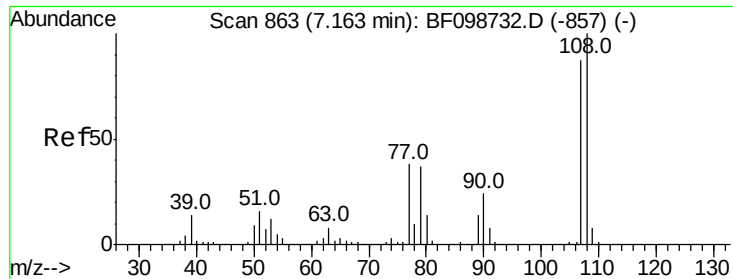


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

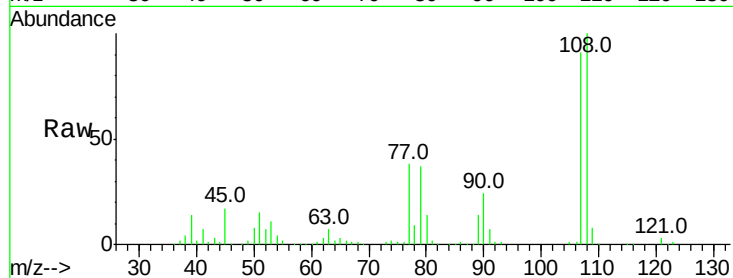




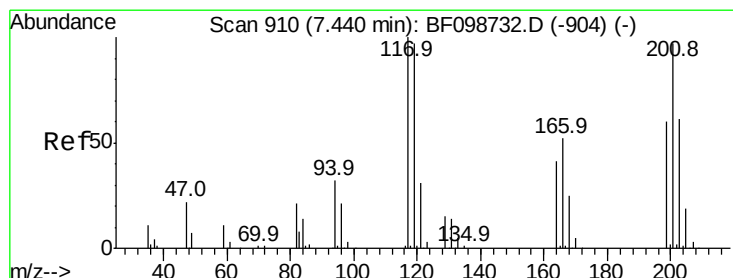
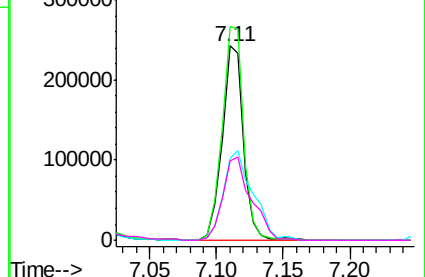
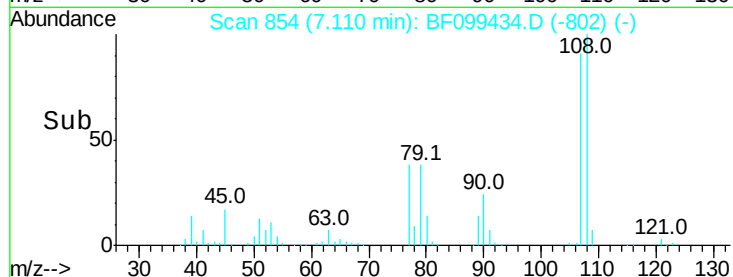
#17
2-Methylphenol
Concen: 38.540 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:107 Resp: 273914
Ion Ratio Lower Upper
107 100
108 110.0 91.7 137.5
77 42.0 33.8 50.8
79 41.2 33.8 50.8

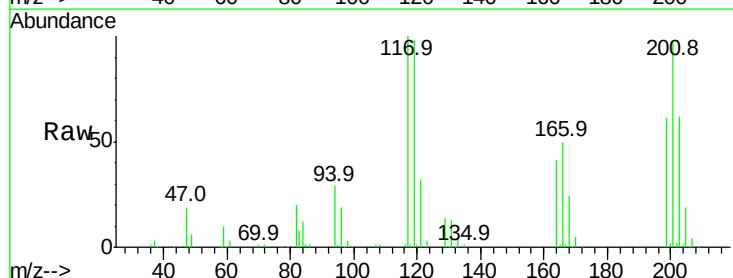


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

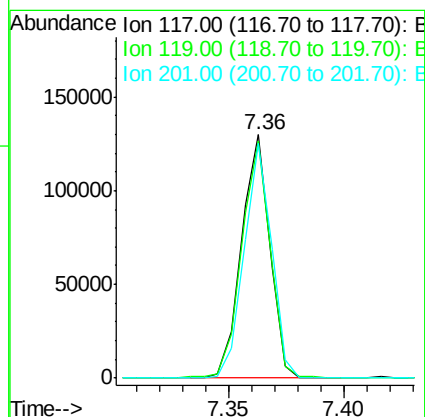
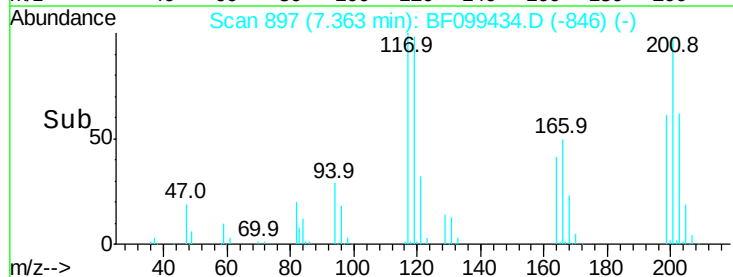


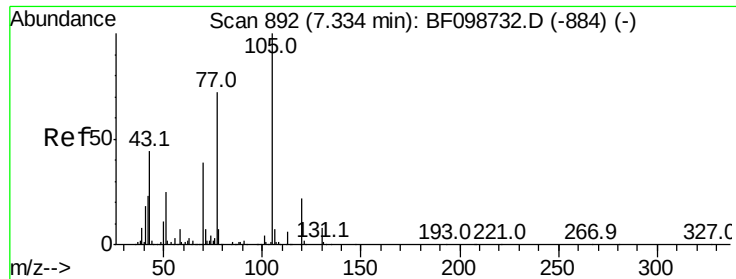
#18
Hexachloroethane
Concen: 33.418 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:117 Resp: 111176
Ion Ratio Lower Upper
117 100
119 97.6 75.8 113.8
201 96.6 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

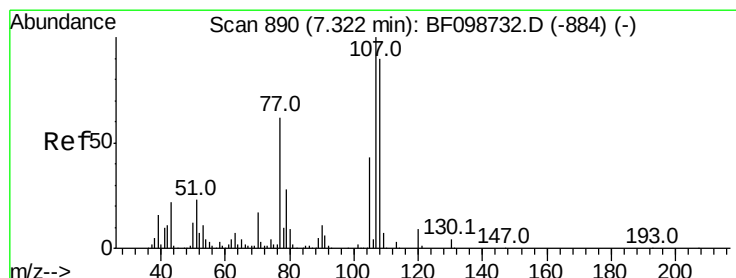
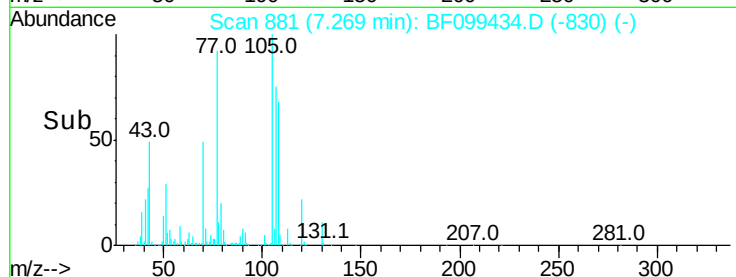
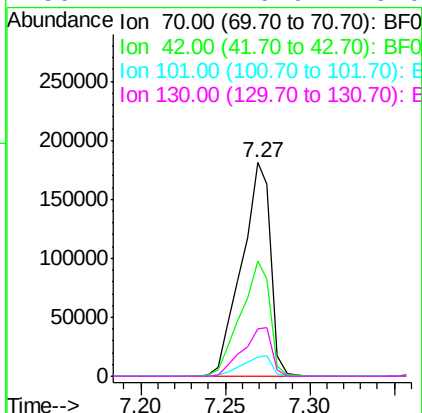
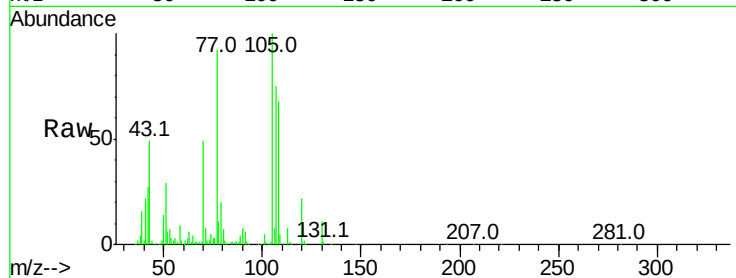




#19
n-Nitroso-di-n-propylamine
Concen: 35.797 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

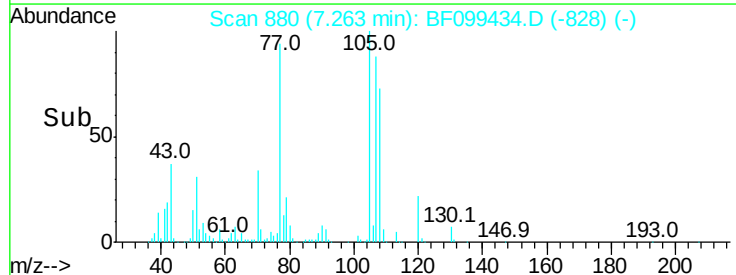
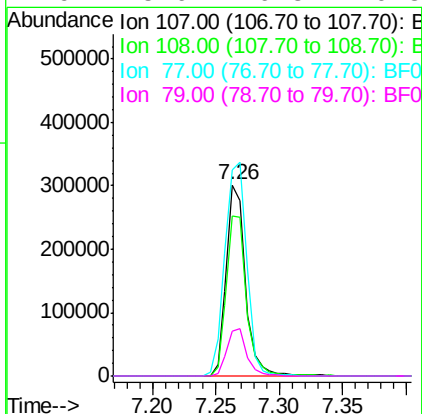
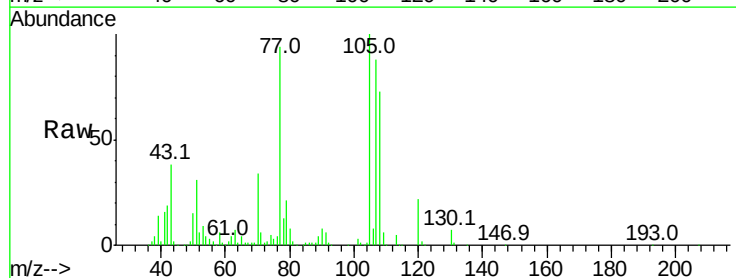
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

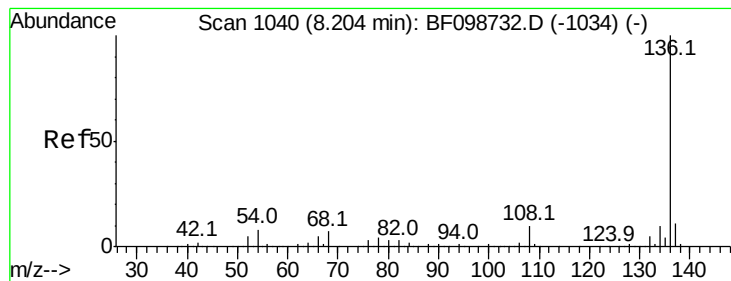
Tot Ion:	70	Resp:	216255
Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	9.3	7.4	11.2
130	22.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.255 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:	107	Resp:	316988
Ion	Ratio	Lower	Upper
107	100		
108	83.7	68.2	108.2
77	107.5	26.7	66.7#
79	23.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

Tot Ion:136 Resp: 479684

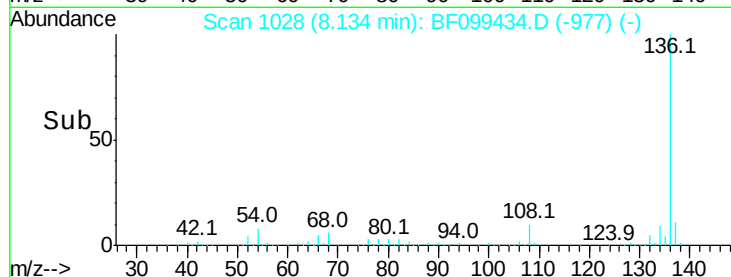
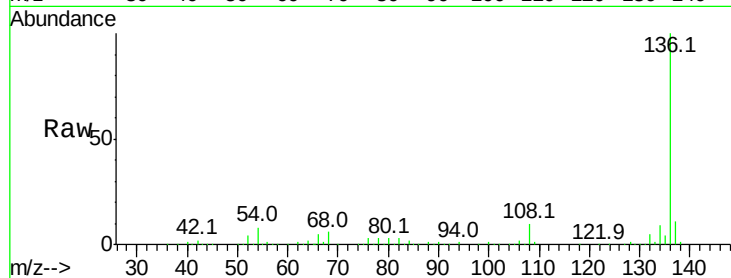
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.5 6.6 9.8

68 6.0 5.0 7.4

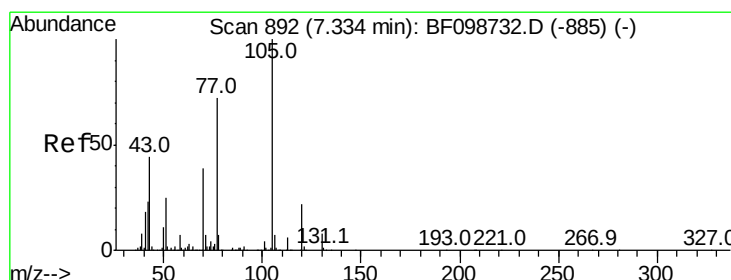
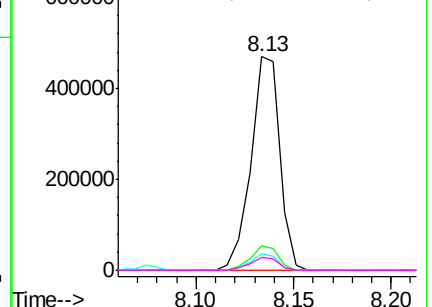


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.085 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Tgt Ion:105 Resp: 442616

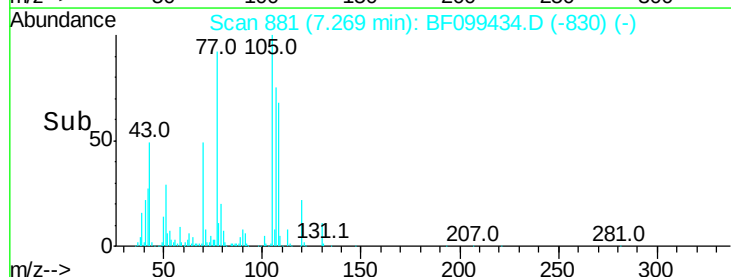
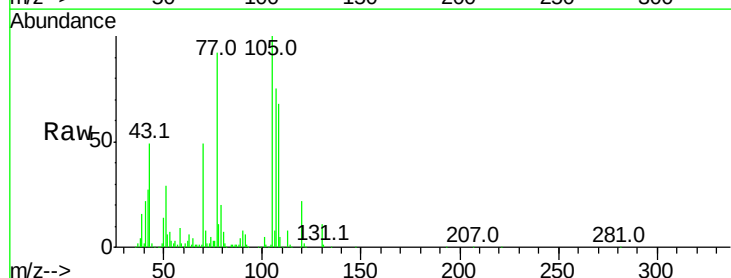
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 29.5 22.3 33.5

120 21.8 16.9 25.3

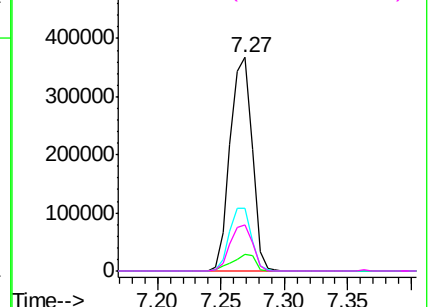


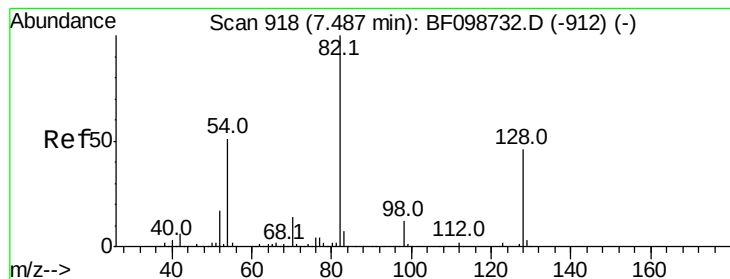
Abundance Ion 105.00 (104.70 to 105.70): E

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: 87.716 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

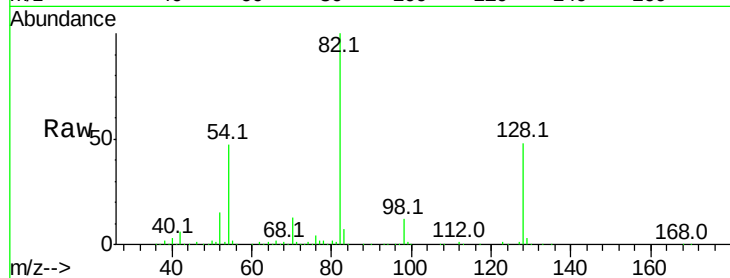
Tot Ion: 82 Resp: 656106

Ion Ratio Lower Upper

82 100

128 47.6 36.1 54.1

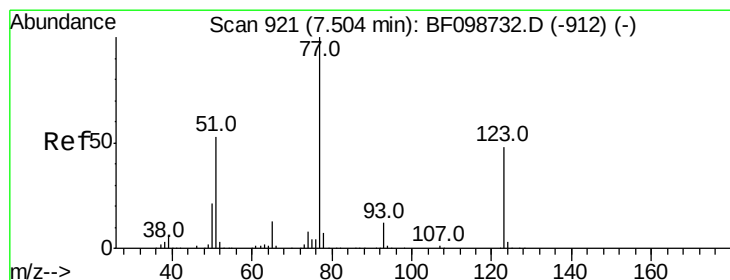
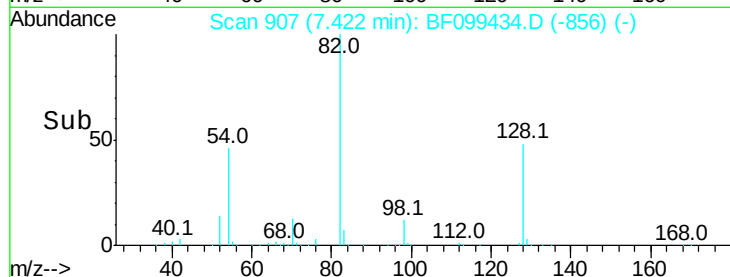
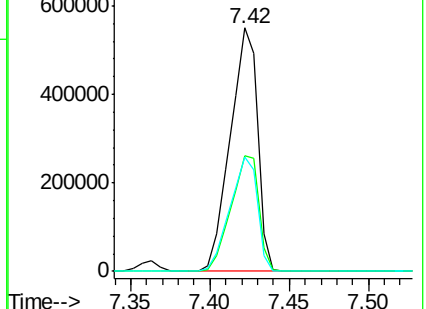
54 47.0 41.4 62.2



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: 40.195 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

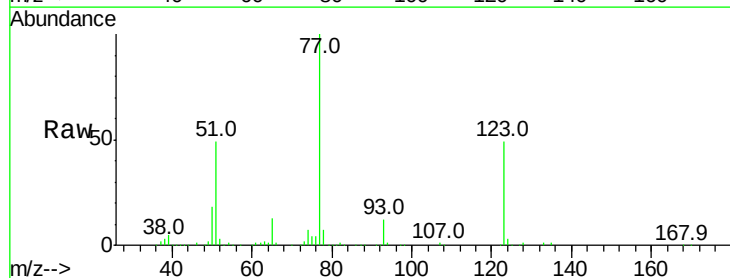
Tgt Ion: 77 Resp: 341048

Ion Ratio Lower Upper

77 100

123 48.5 37.9 56.9

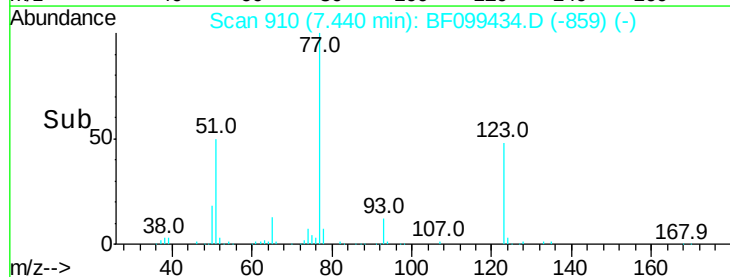
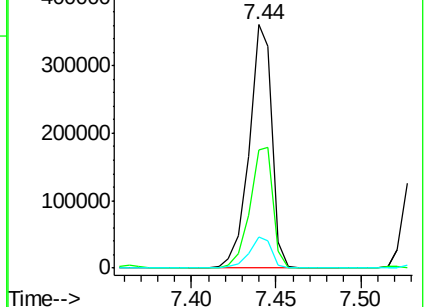
65 12.6 11.0 16.4

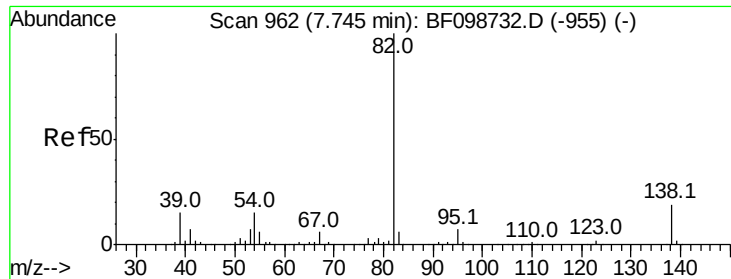


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.682 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

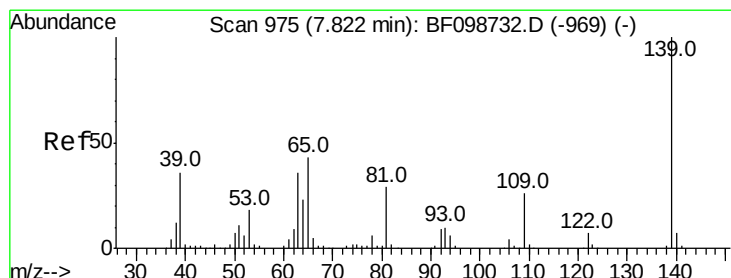
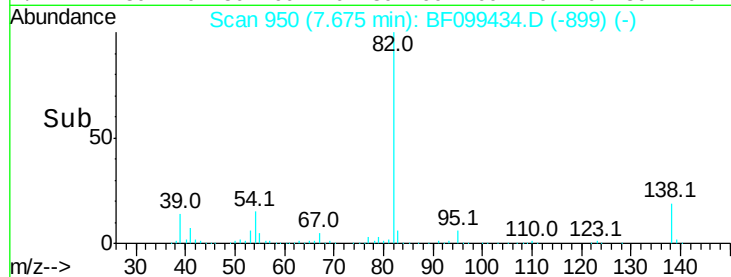
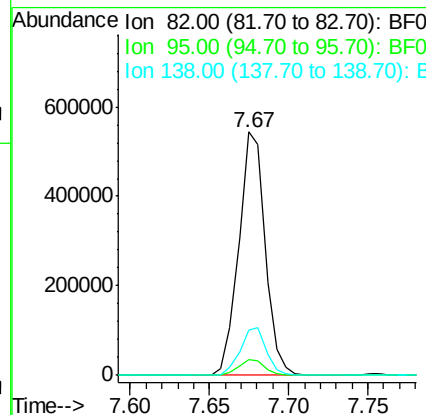
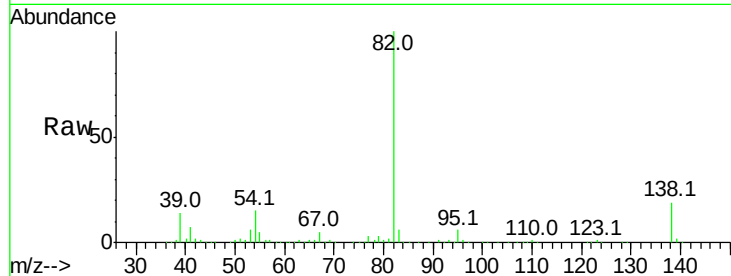
Tot Ion: 82 Resp: 629131

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 40.192 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

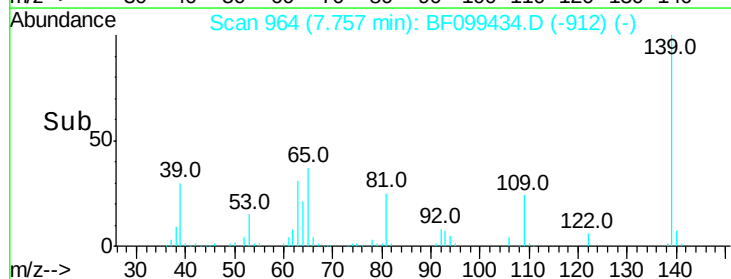
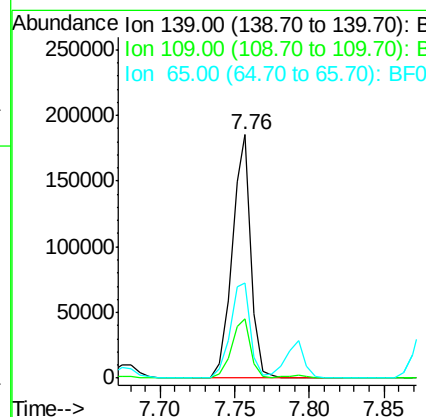
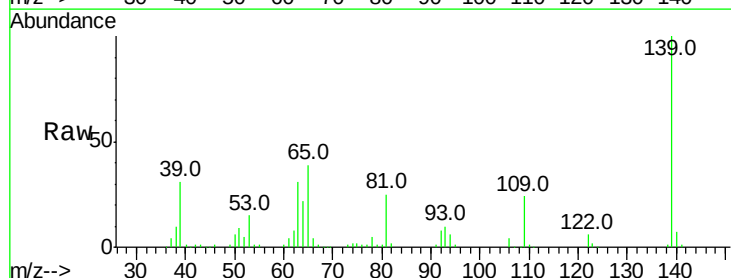
Tgt Ion: 139 Resp: 163990

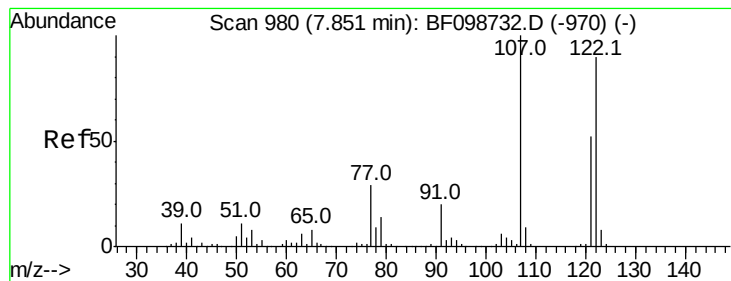
Ion Ratio Lower Upper

139 100

109 24.3 22.7 34.1

65 39.2 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 38.240 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

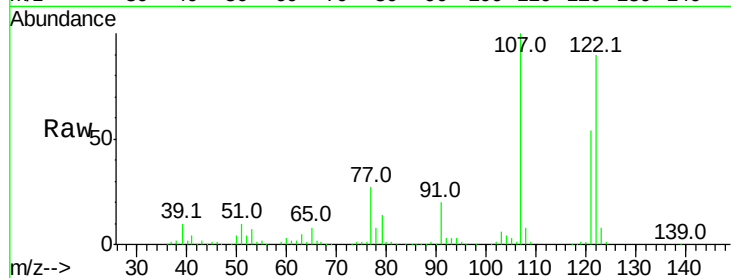
Tot Ion:122 Resp: 294659

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

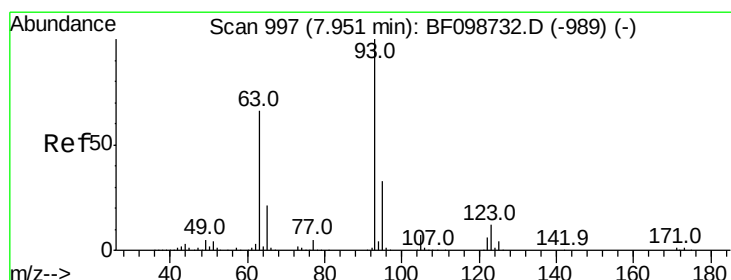
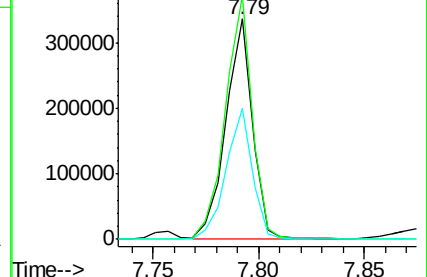
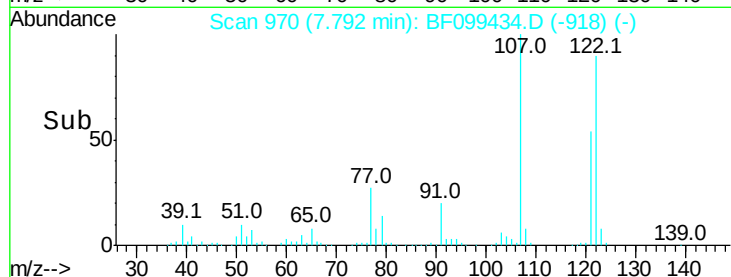
121 59.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.733 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

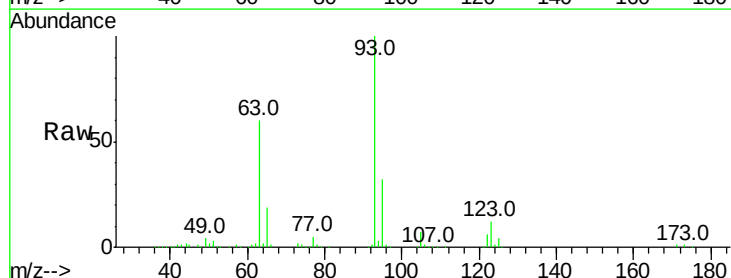
Tgt Ion: 93 Resp: 411829

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

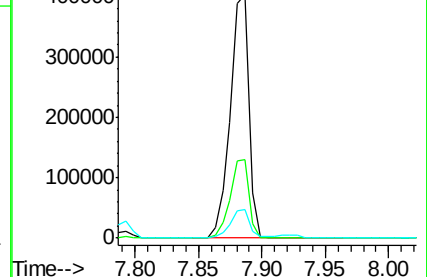
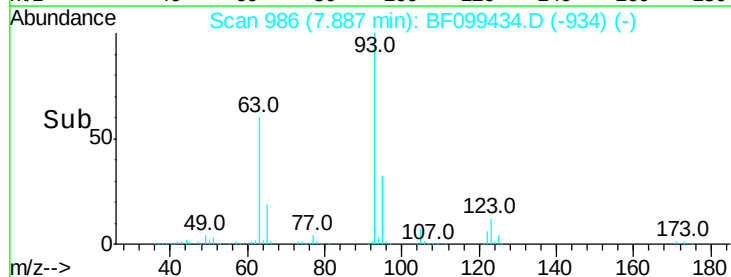
123 12.0 9.8 14.6

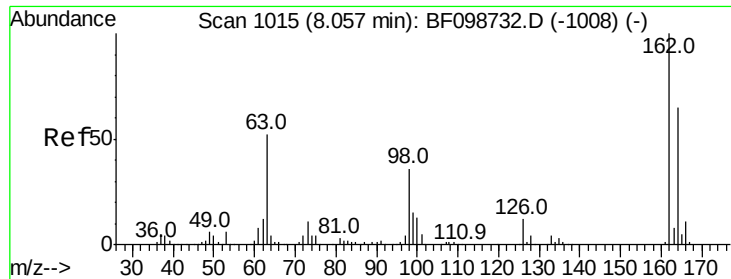


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

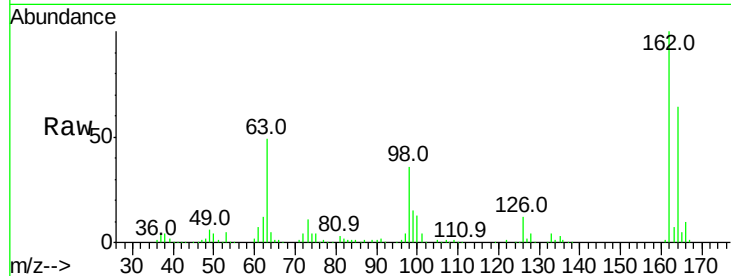




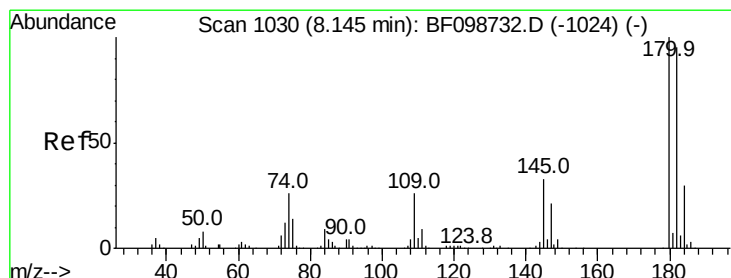
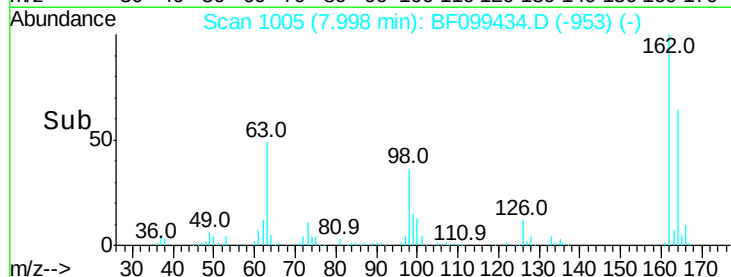
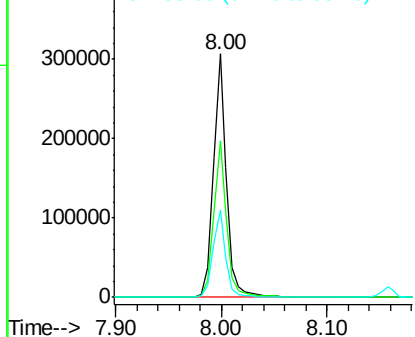
#29
 2,4-Dichlorophenol
 Concen: 41.066 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.7	82.7
98	35.8	18.1	58.1

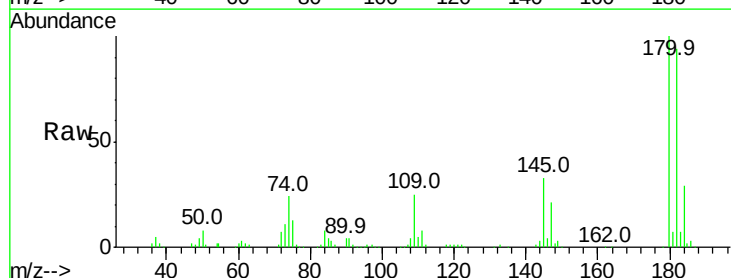


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

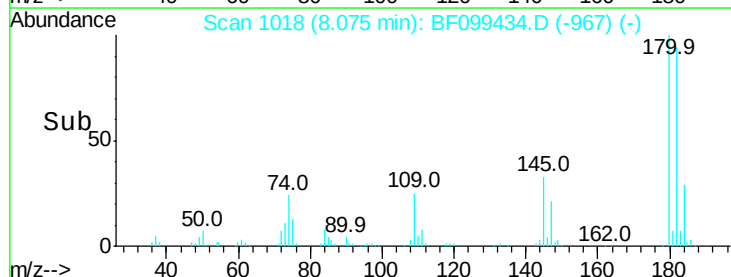
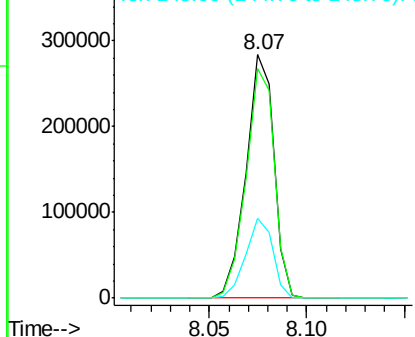


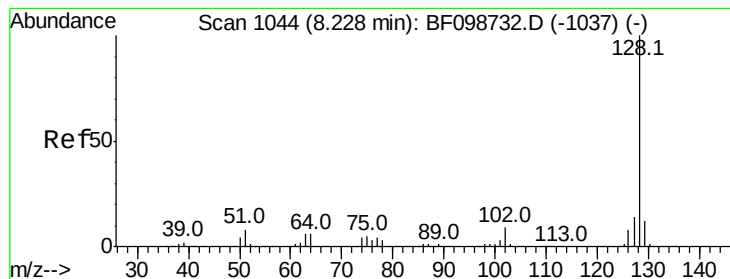
#30
 1,2,4-Trichlorobenzene
 Concen: 42.519 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.8	115.2
145	32.6	26.5	39.7



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





#31

Naphthalene

Concen: 41.727 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

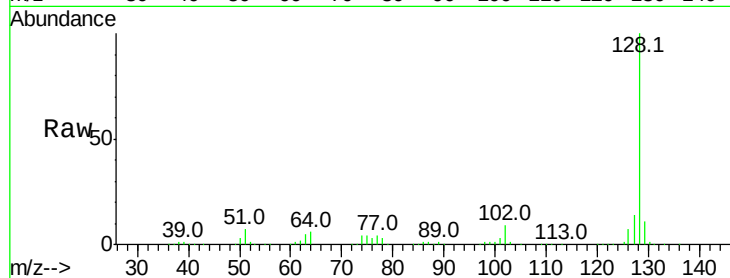
Tot Ion:128 Resp: 940065

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

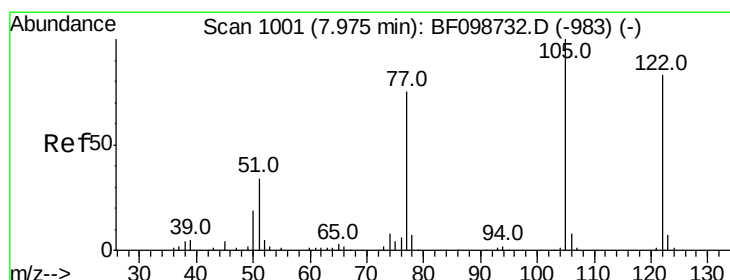
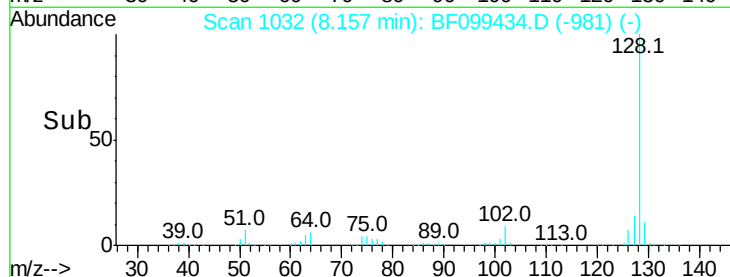
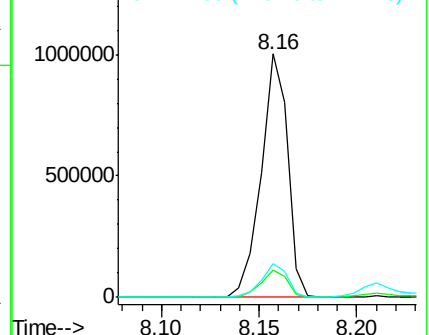
127 13.8 10.9 16.3



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: 24.684 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

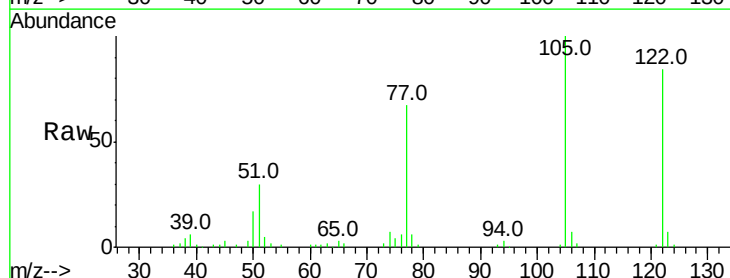
Tgt Ion:122 Resp: 156236

Ion Ratio Lower Upper

122 100

105 119.5 101.1 141.1

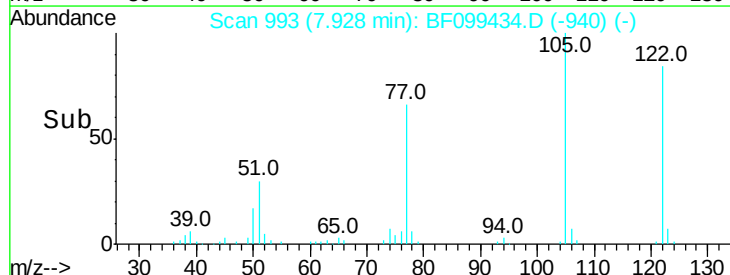
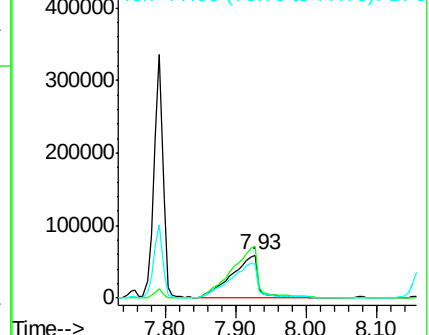
77 79.7 70.7 110.7

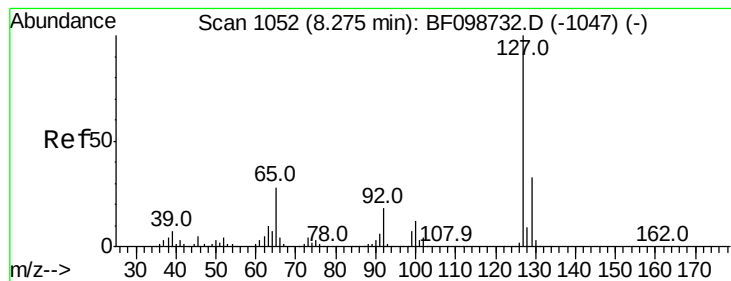


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.927 ng

RT: 8.21 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

Tot Ion:127 Resp: 93392

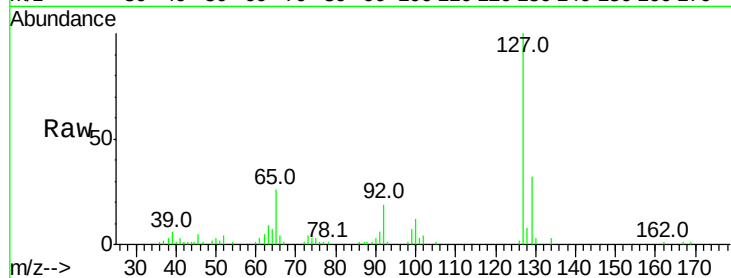
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 26.1 25.0 37.4

92 18.6 15.2 22.8

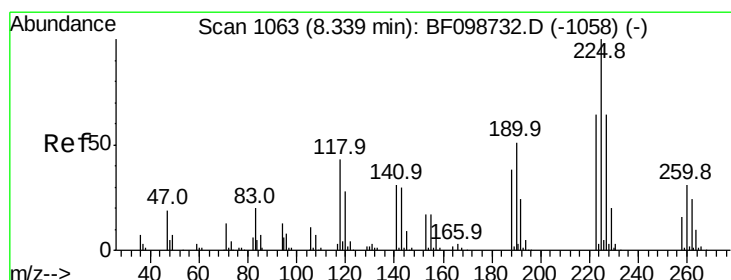
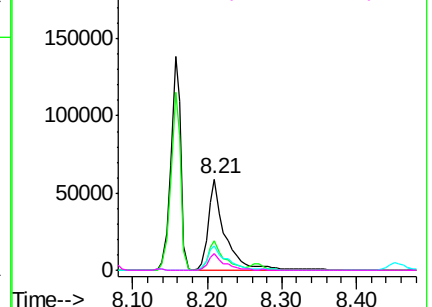
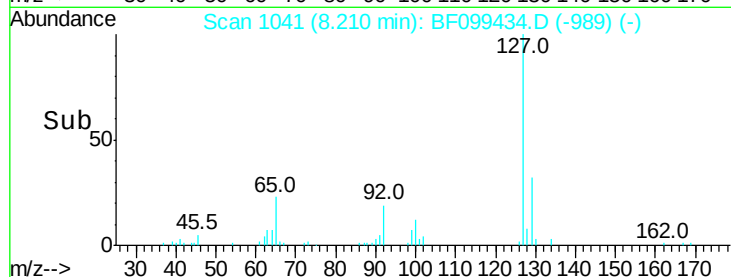


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.480 ng

RT: 8.27 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

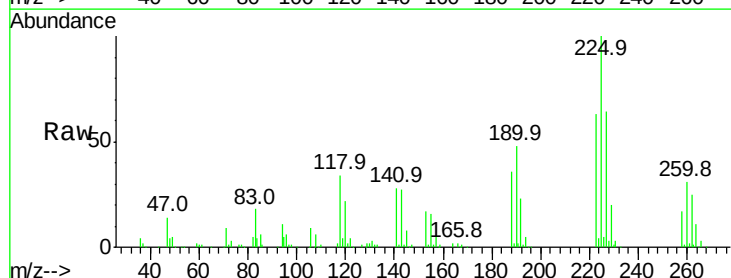
Tgt Ion:225 Resp: 141368

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

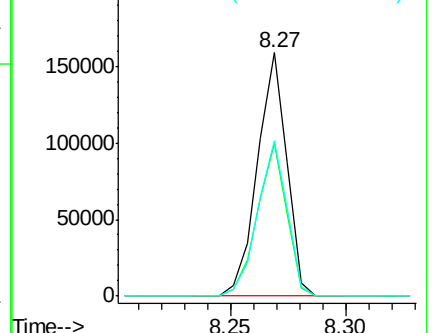
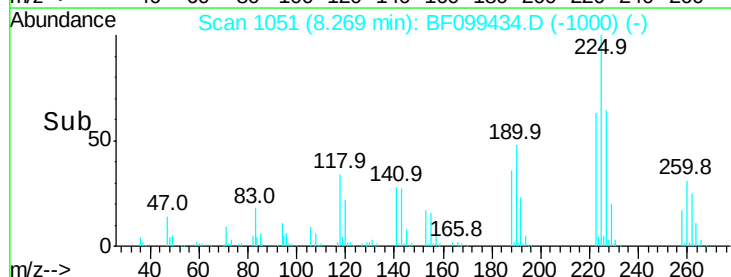
227 64.0 51.9 77.9

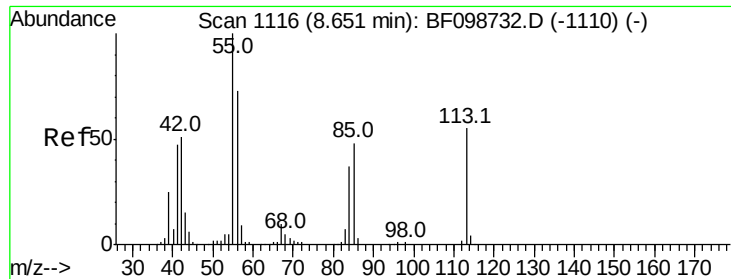


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

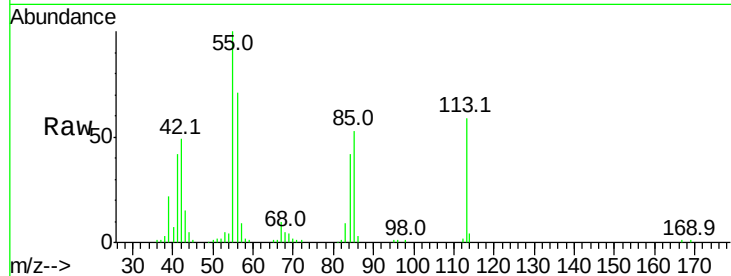




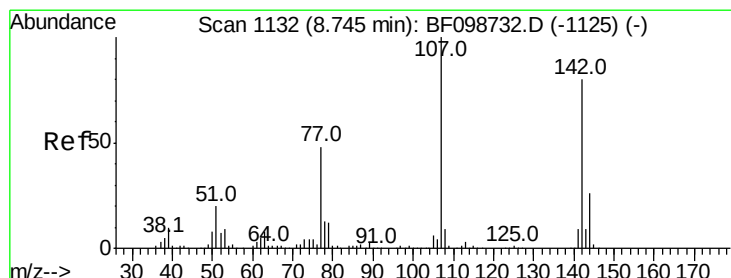
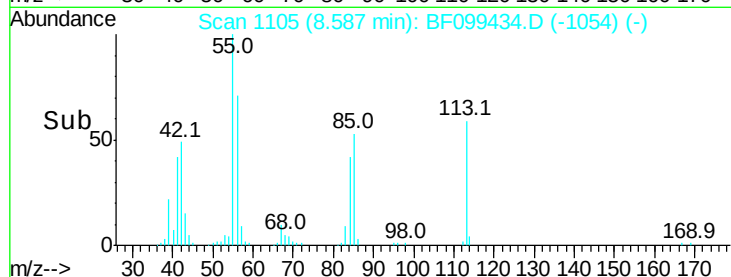
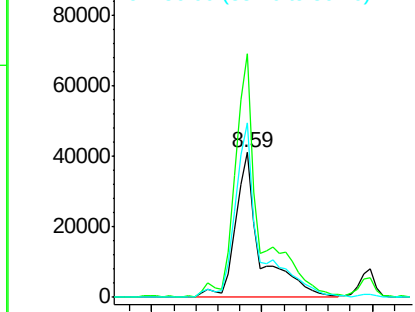
#35
 Caprolactam
 Concen: 30.906 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

Tot Ion:113 Resp: 65587
 Ion Ratio Lower Upper
 113 100
 55 168.2 163.3 203.3
 56 120.1 115.7 155.7

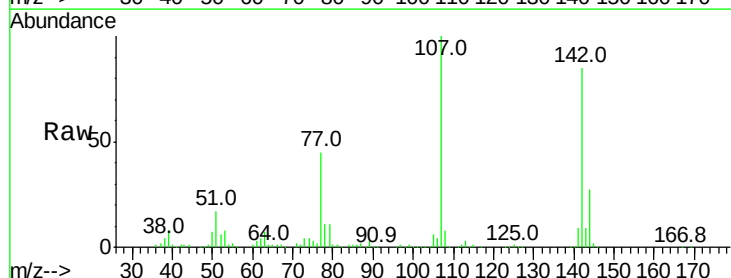


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

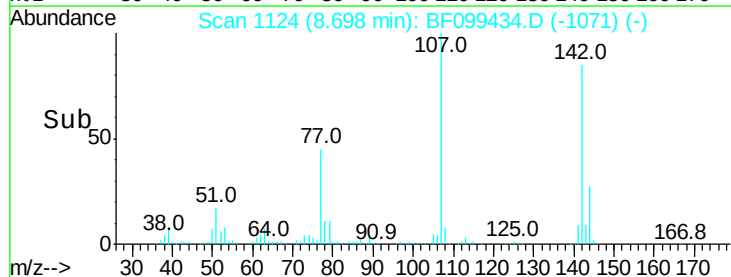
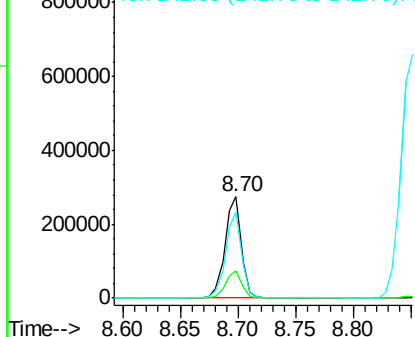


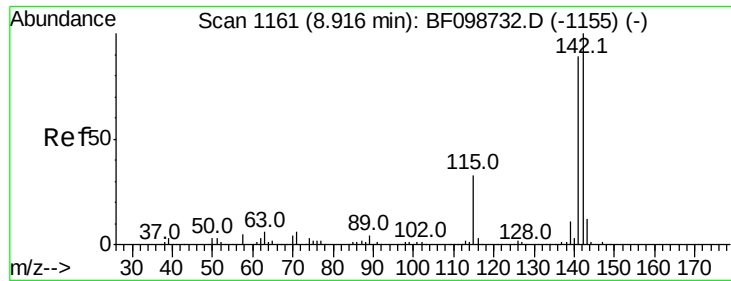
#36
 4-Chloro-3-methylphenol
 Concen: 36.152 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:107 Resp: 268829
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 84.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

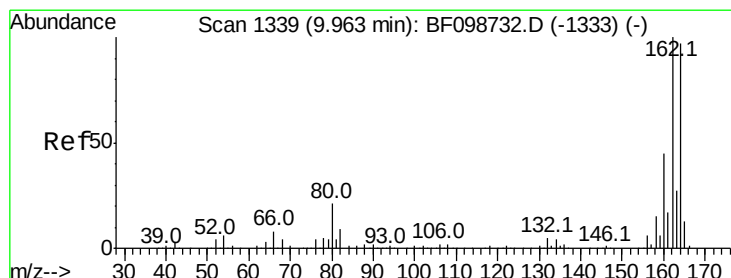
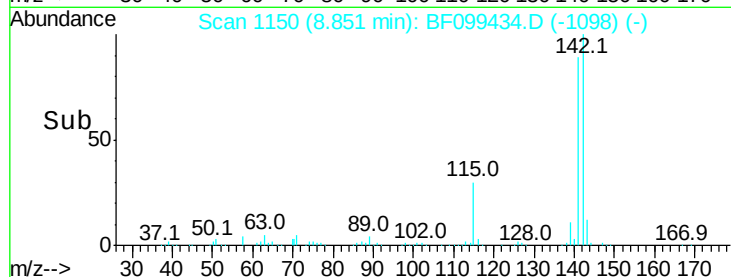
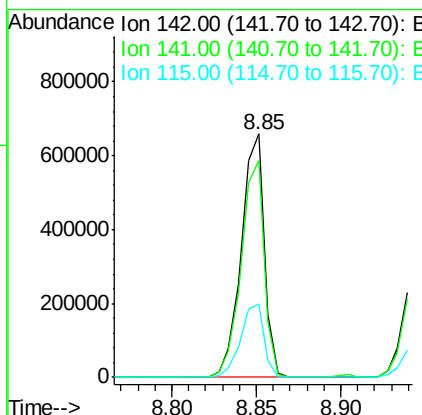
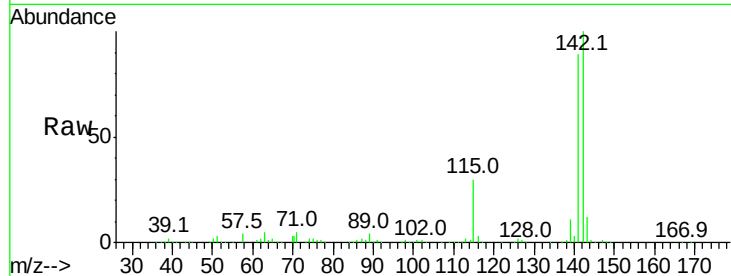




#37
 2-Methylnaphthalene
 Concen: 42.901 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

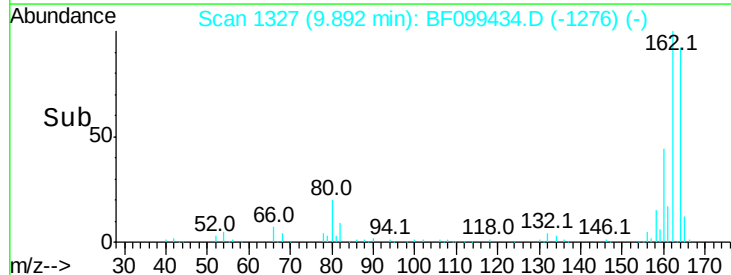
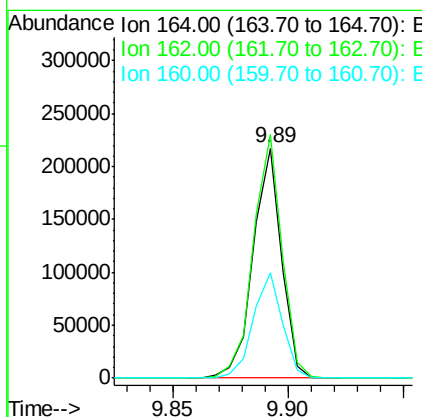
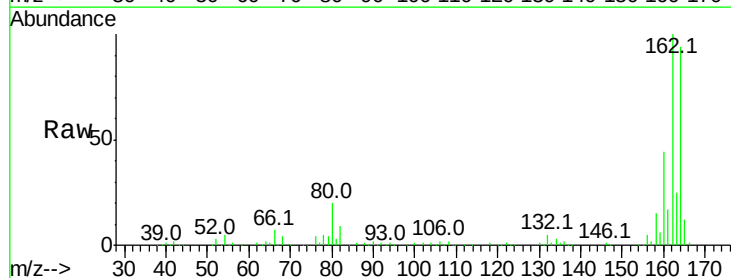
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

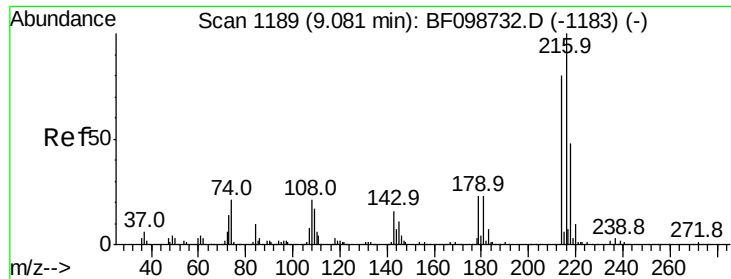
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	30.0	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.1	129.1
160	46.1	38.3	57.5

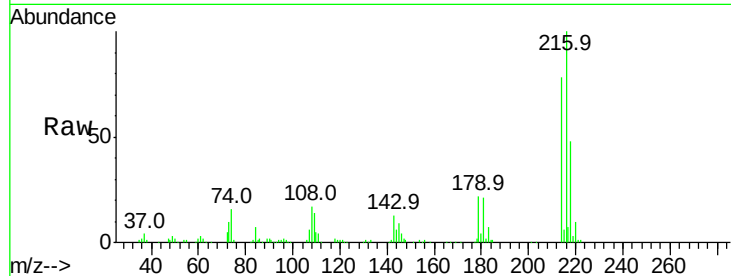




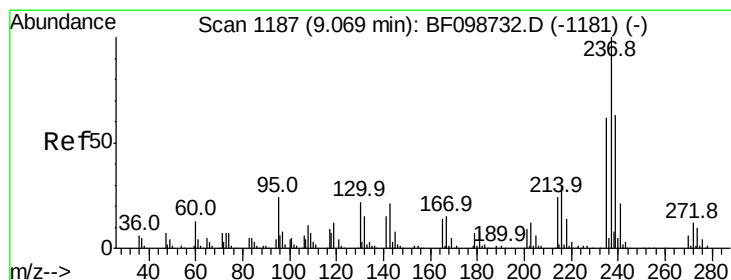
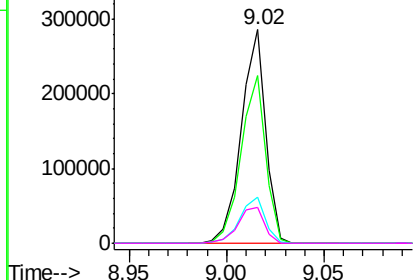
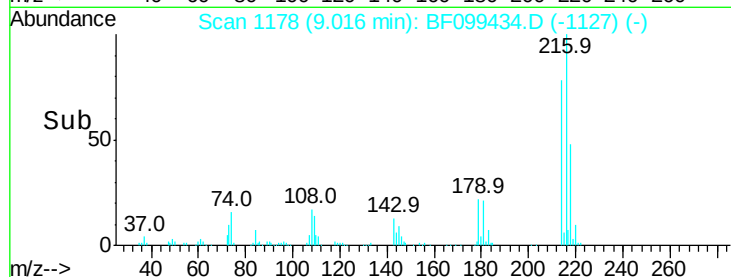
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.663 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

Tot Ion:	216	Resp:	248052
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	22.5	18.1	27.1
108	19.1	17.2	25.8

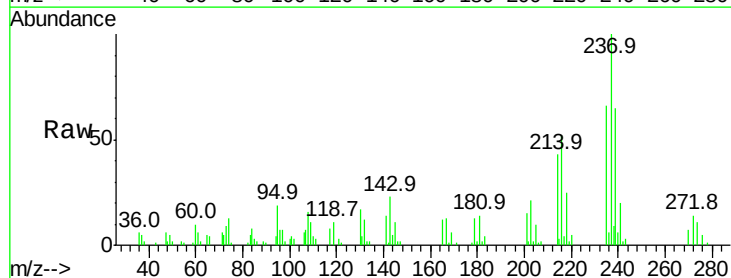


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

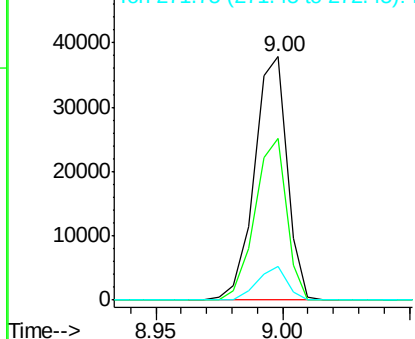
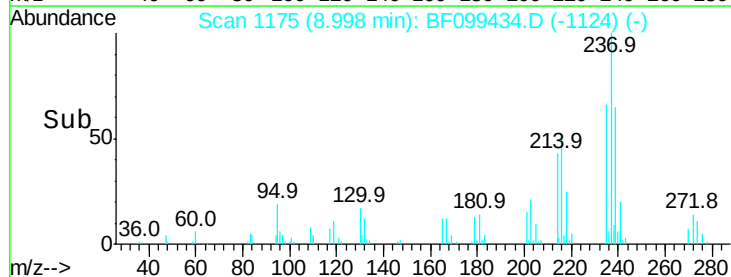


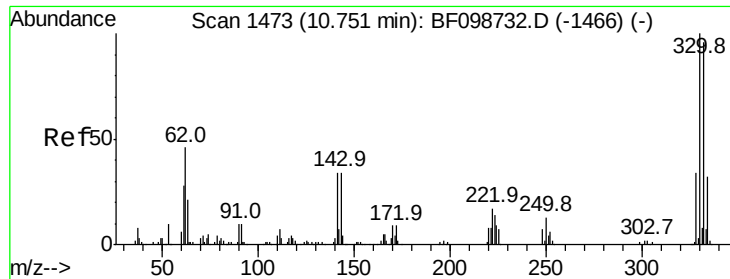
#40
 Hexachlorocyclopentadiene
 Concen: 13.497 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:	237	Resp:	34257
Ion	Ratio	Lower	Upper
237	100		
235	66.2	44.8	84.8
272	13.6	0.0	33.3



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

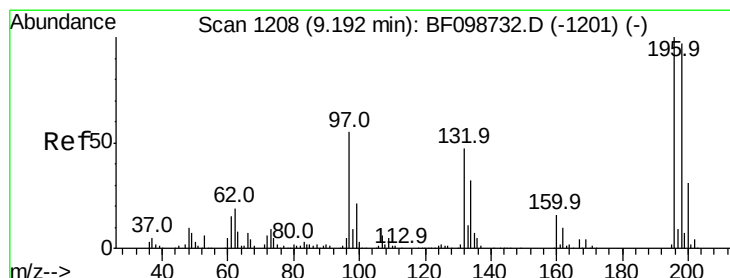
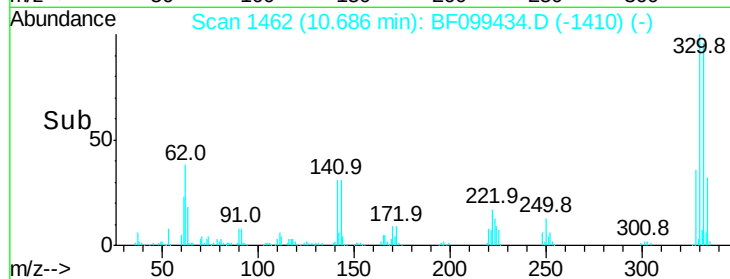
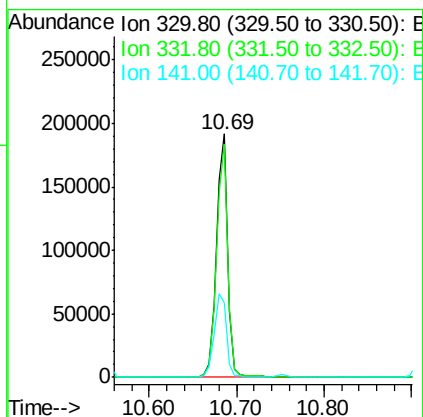
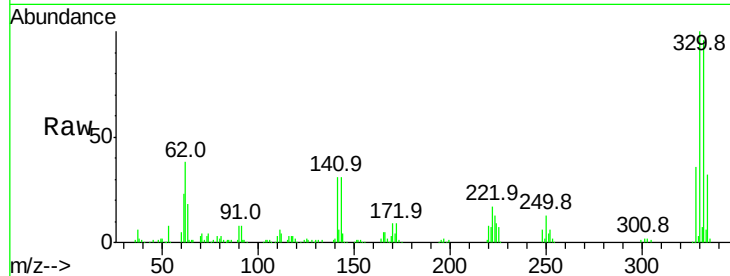




#41
 2,4,6-Tribromophenol
 Concen: 113.002 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

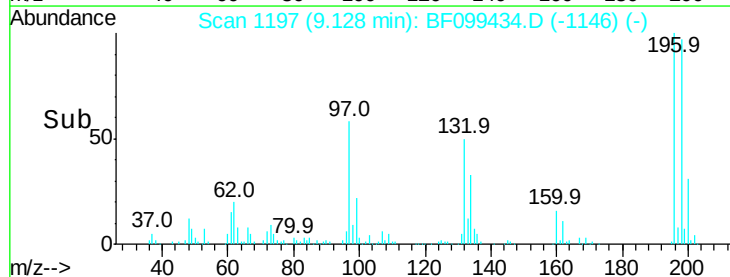
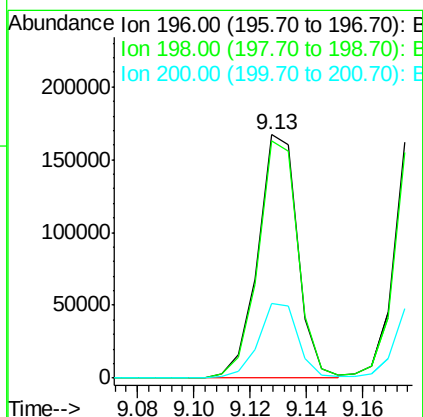
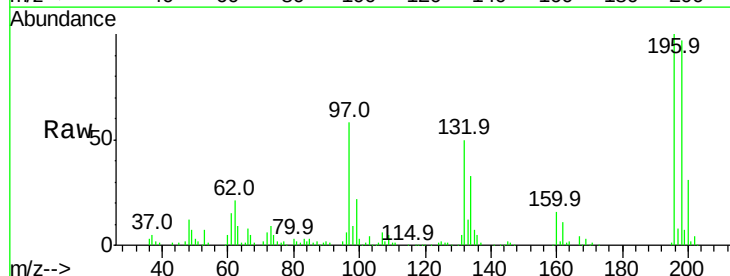
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

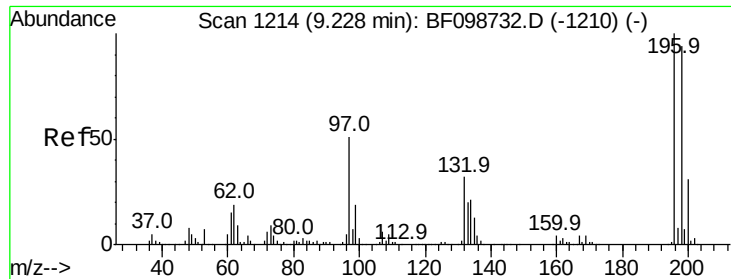
Tot Ion:330 Resp: 172200
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 37.8 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.603 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:196 Resp: 163688
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 200 30.5 24.5 36.7

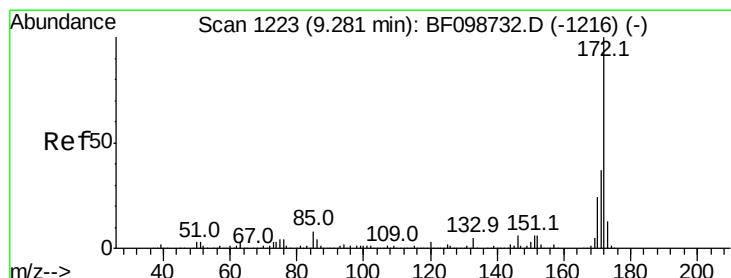
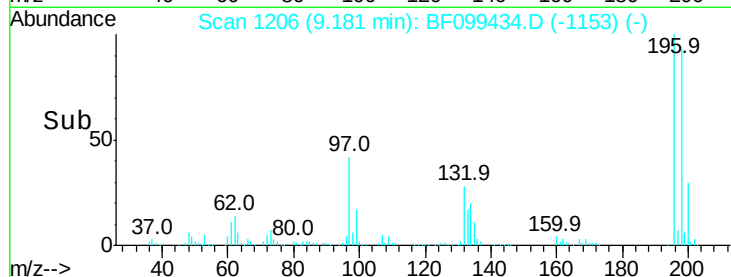
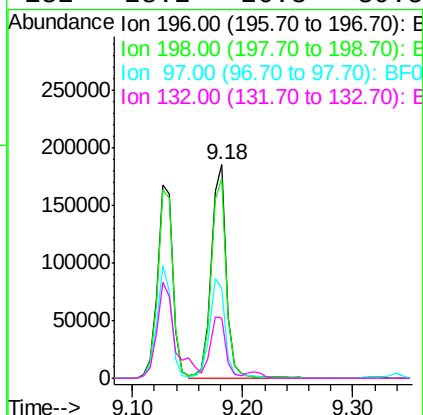
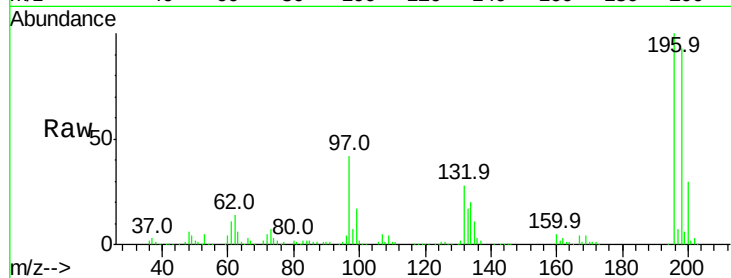




#43
 2,4,5-Trichlorophenol
 Concen: 43.487 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

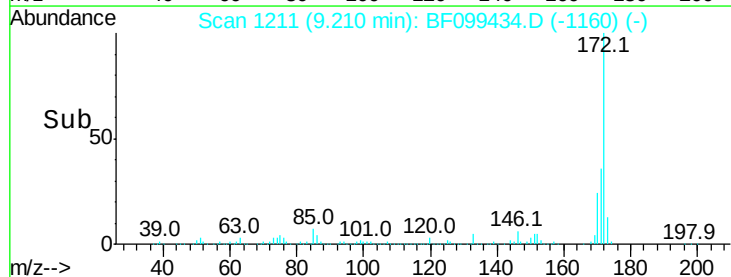
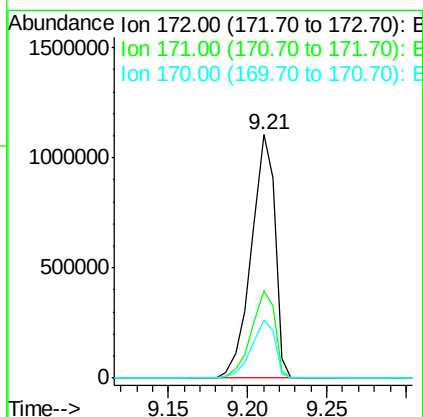
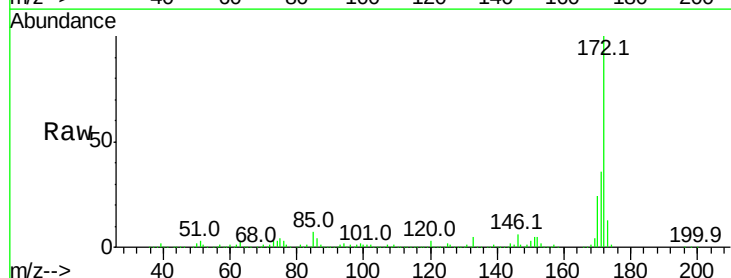
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

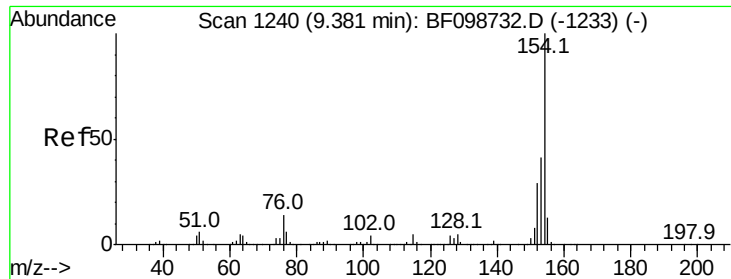
Tot Ion:	196	Resp:	170805
Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	112.0
97	41.7	42.9	64.3#
132	28.2	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 102.545 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:	172	Resp:	1143935
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

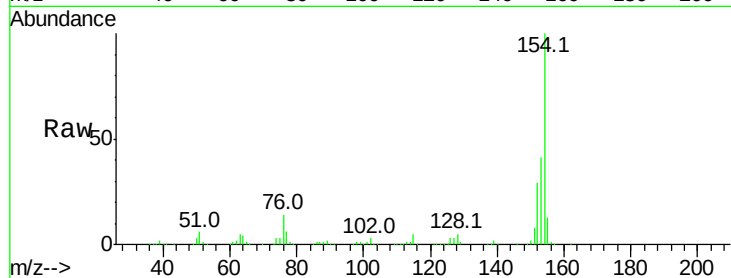




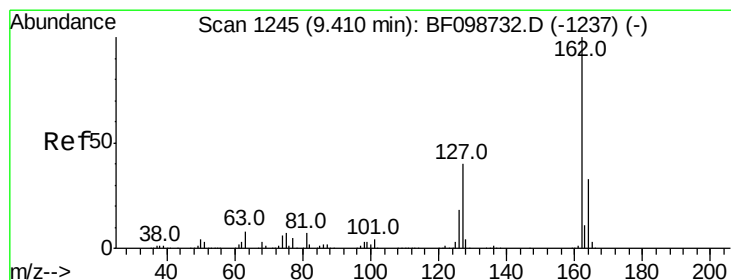
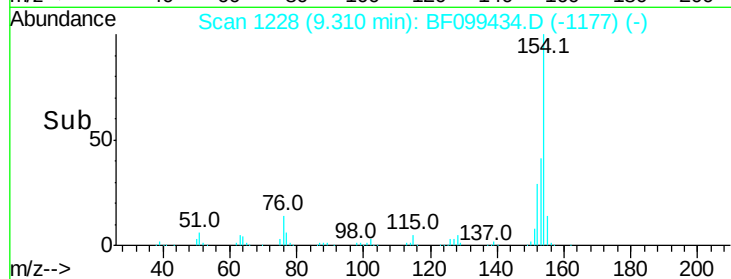
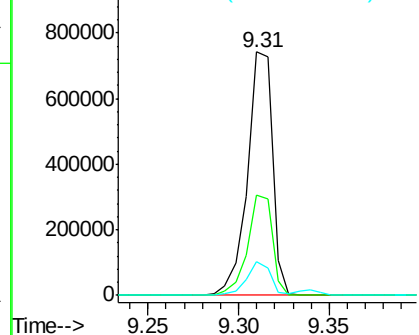
#45
1,1'-Biphenyl
Concen: 44.479 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:154 Resp: 711903
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 14.0 0.0 34.0

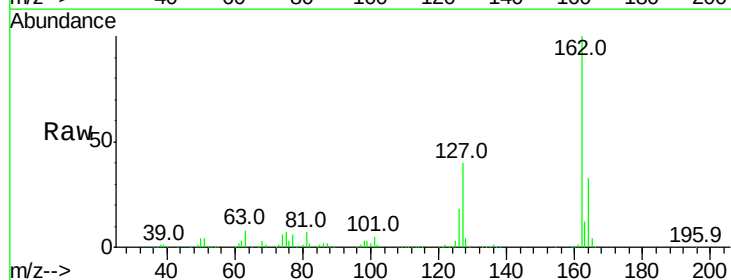


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

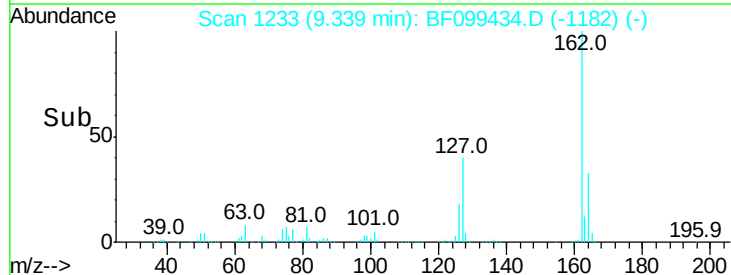
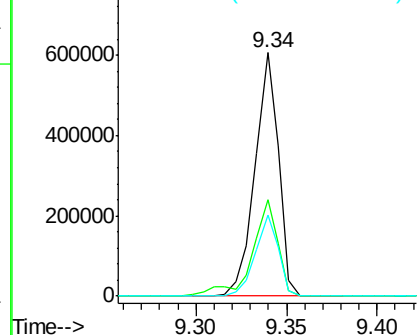


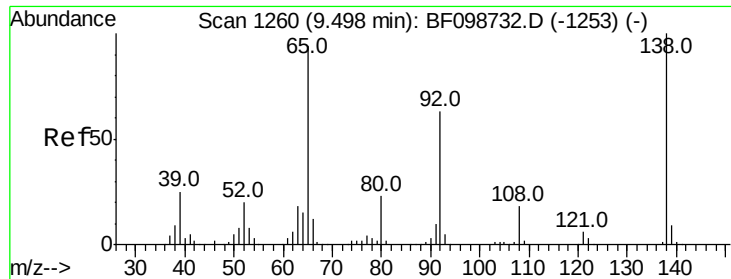
#46
2-Chloronaphthalene
Concen: 45.304 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:162 Resp: 544422
Ion Ratio Lower Upper
162 100
127 39.7 33.9 50.9
164 33.4 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.959 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

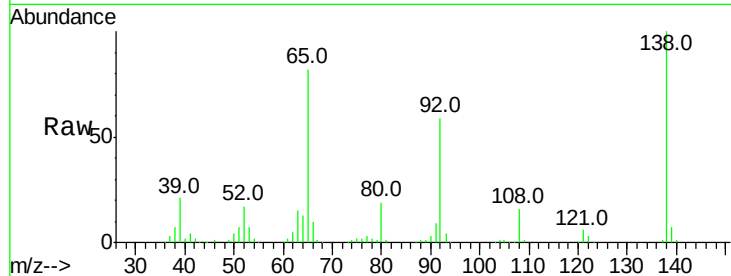
Tot Ion: 65 Resp: 158073

Ion Ratio Lower Upper

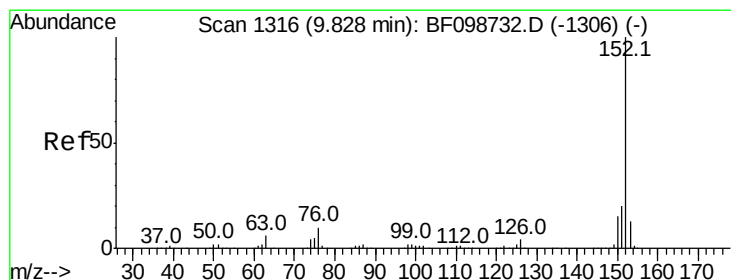
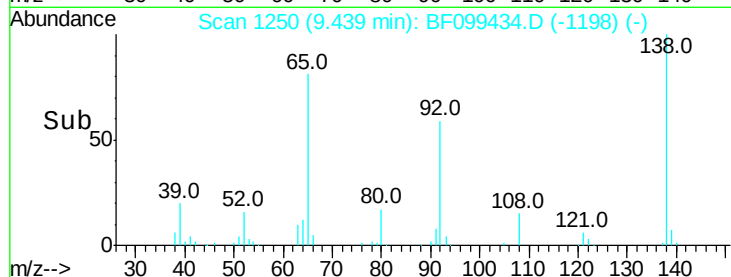
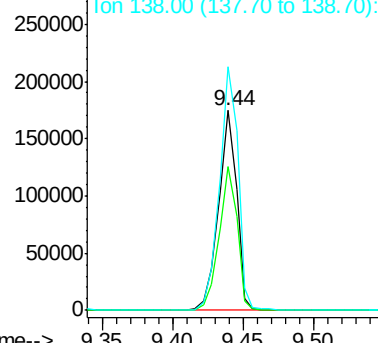
65 100

92 71.7 55.8 83.6

138 121.9 91.2 136.8



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



#48

Acenaphthylene

Concen: 42.752 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

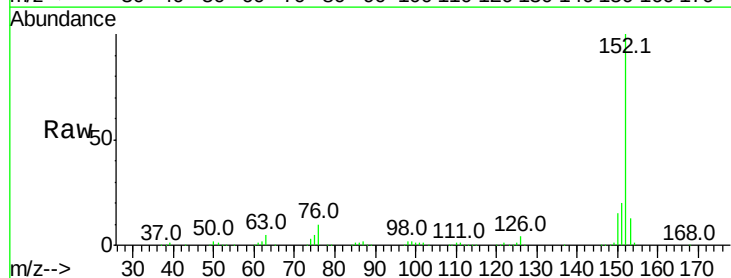
Tgt Ion:152 Resp: 786477

Ion Ratio Lower Upper

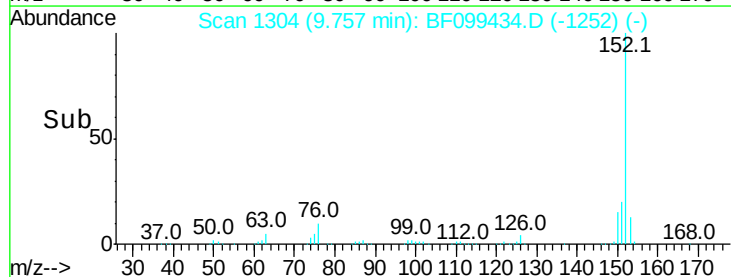
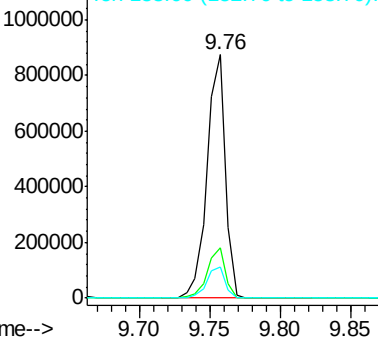
152 100

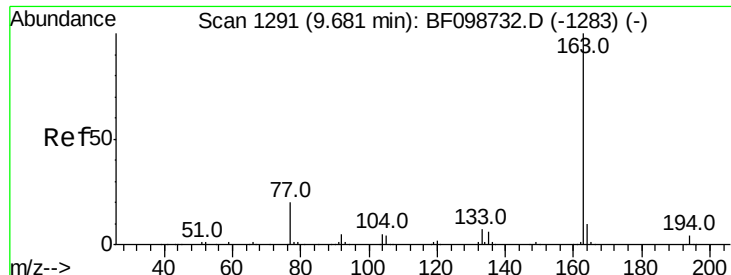
151 20.5 16.3 24.5

153 13.0 10.7 16.1



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

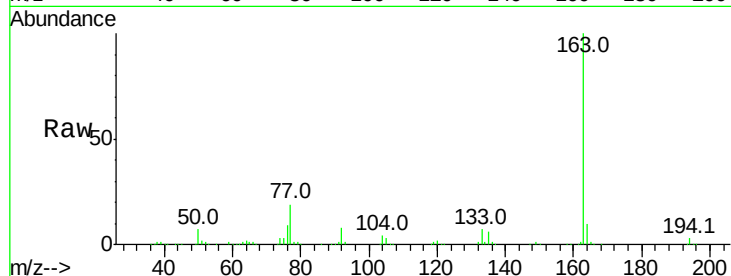




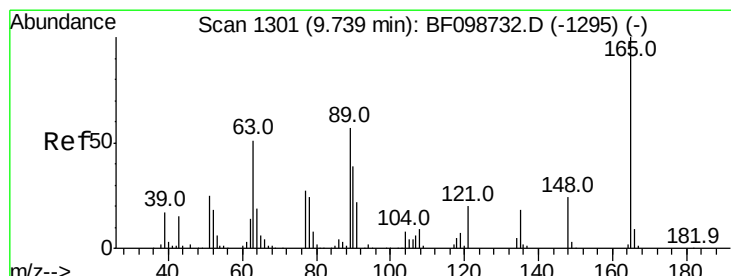
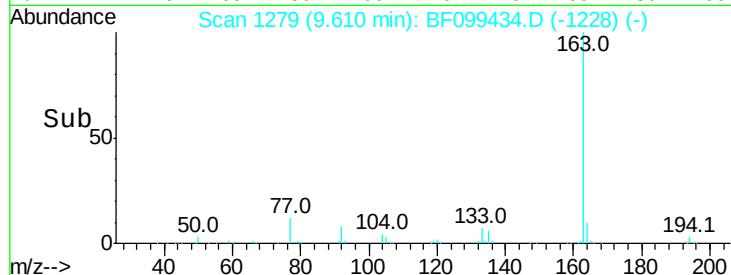
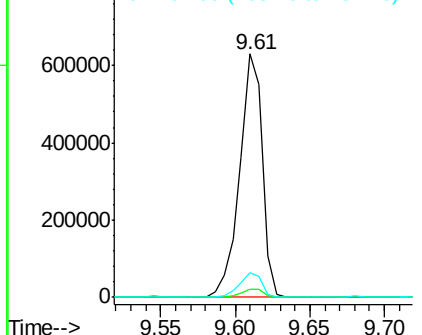
#49
Dimethylphthalate
Concen: 47.212 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:163 Resp: 663588
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.2 8.2 12.2

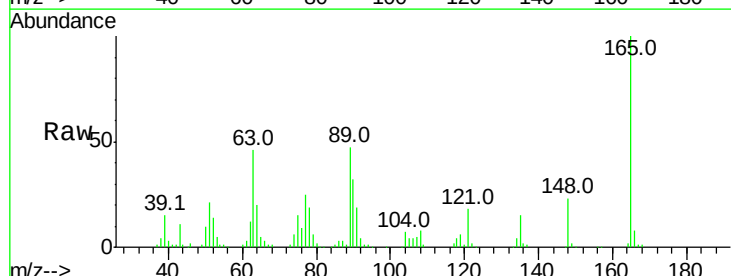


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

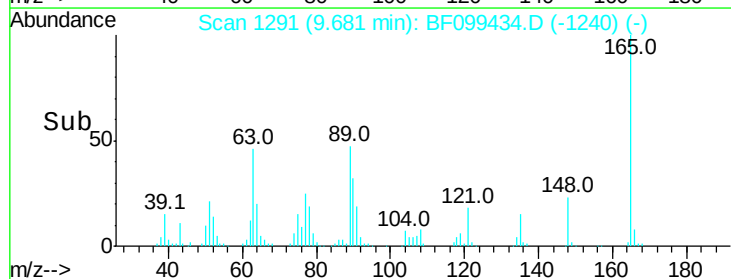
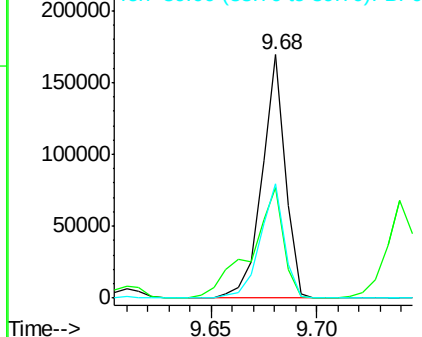


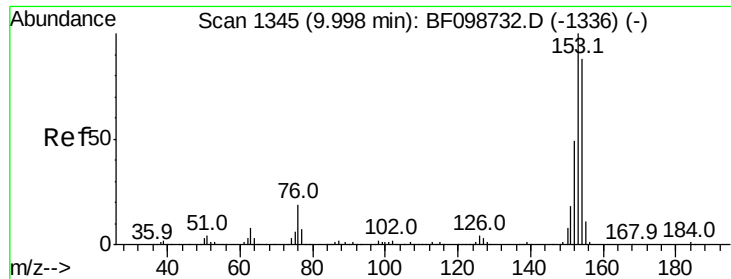
#50
2,6-Dinitrotoluene
Concen: 42.554 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:165 Resp: 130216
Ion Ratio Lower Upper
165 100
63 45.6 44.7 67.1
89 47.2 44.0 66.0



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





#51

Acenaphthene

Concen: 39.344 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

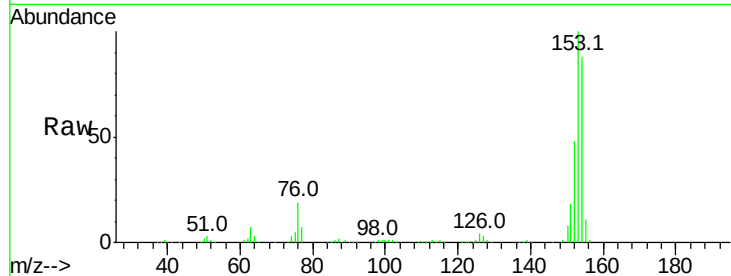
Tot Ion:154 Resp: 458483

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

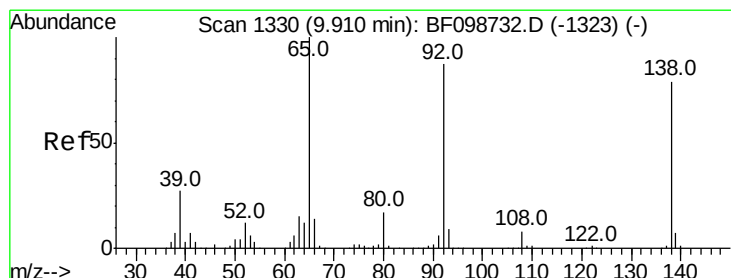
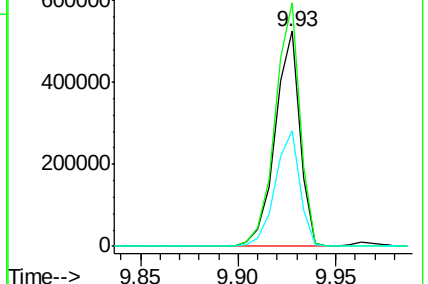
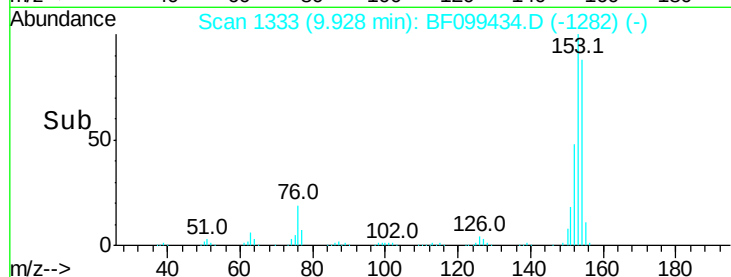
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 35.074 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

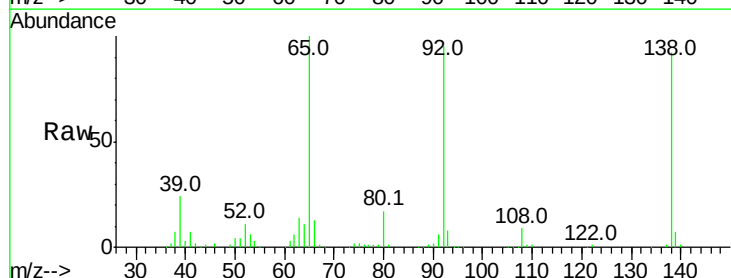
Tgt Ion:138 Resp: 125142

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

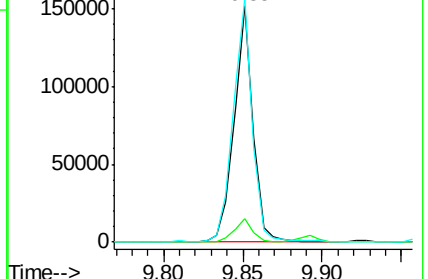
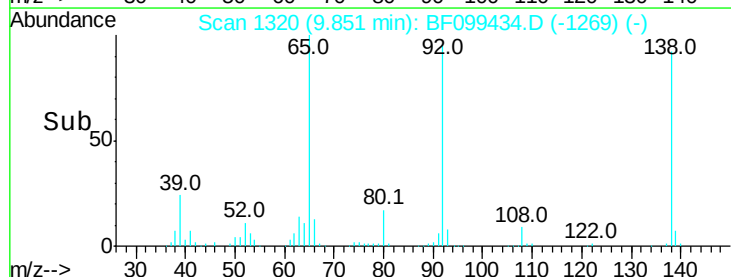
92 103.0 89.4 134.2

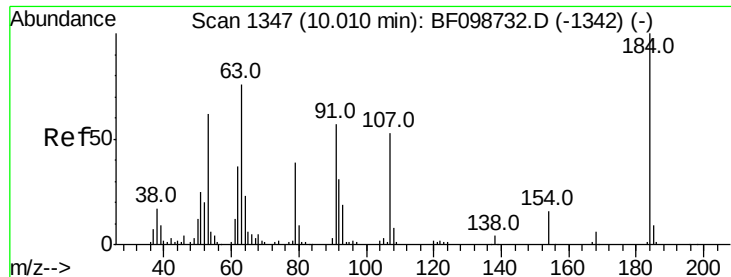


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

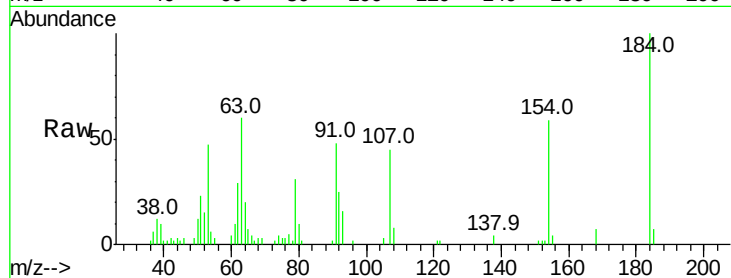




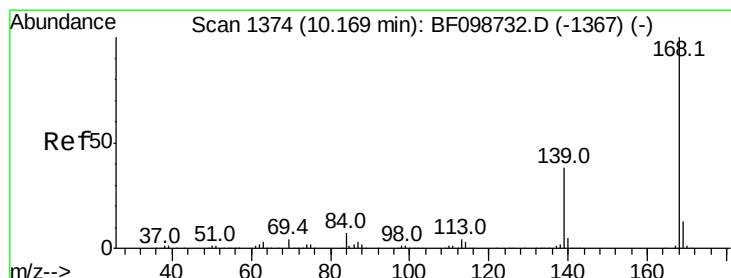
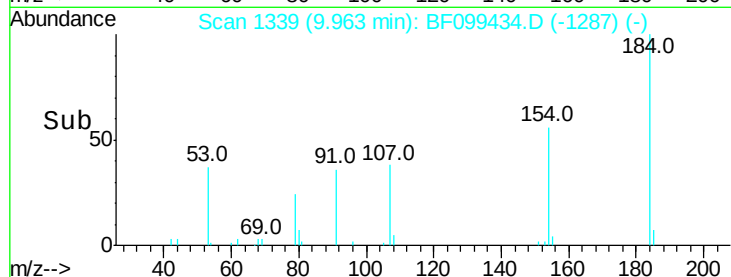
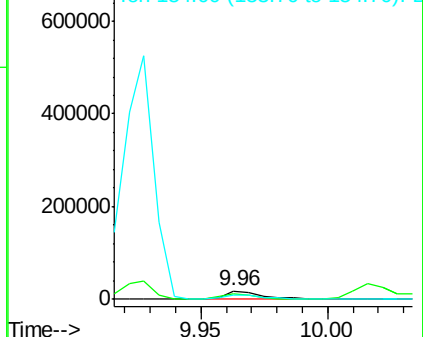
#53
 2,4-Dinitrophenol
 Concen: 16.872 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

Tot Ion:184 Resp: 18978
 Ion Ratio Lower Upper
 184 100
 63 60.4 54.2 81.2
 154 59.0 53.5 80.3

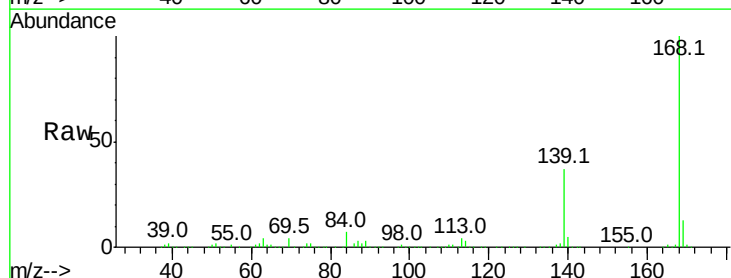


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

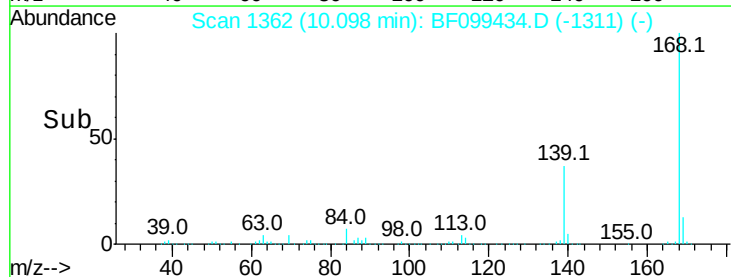
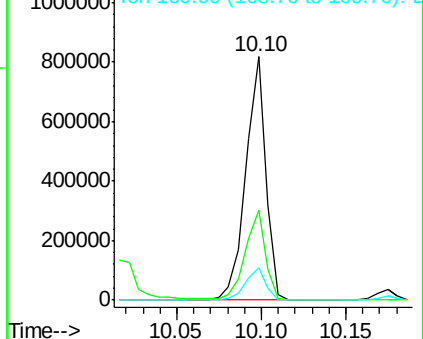


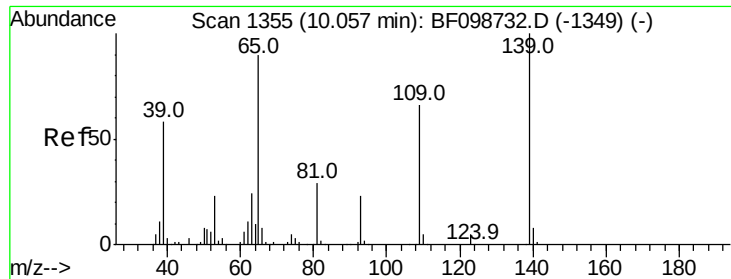
#54
 Dibenzofuran
 Concen: 43.864 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:168 Resp: 680574
 Ion Ratio Lower Upper
 168 100
 139 37.1 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: 48.578 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

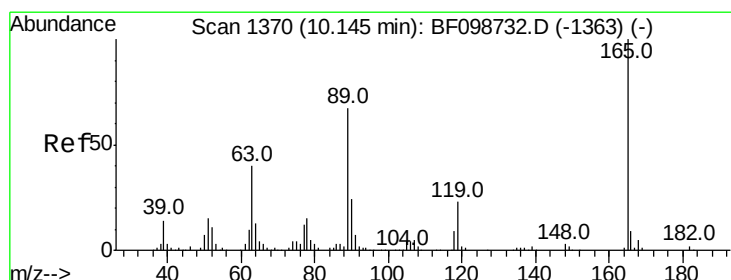
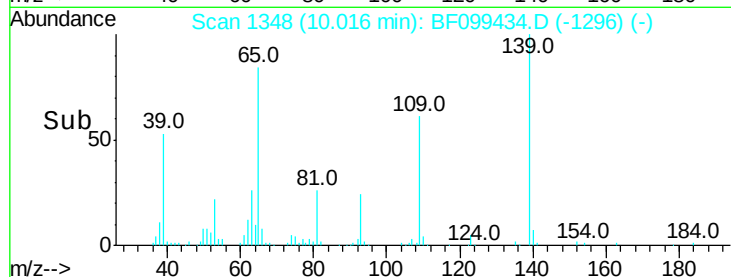
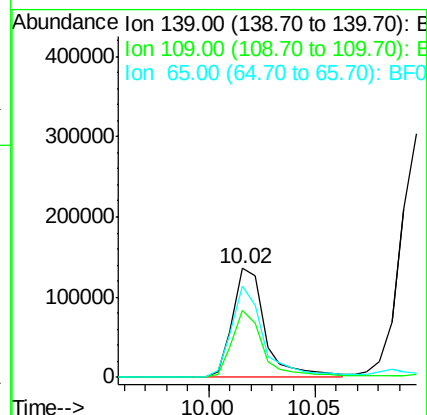
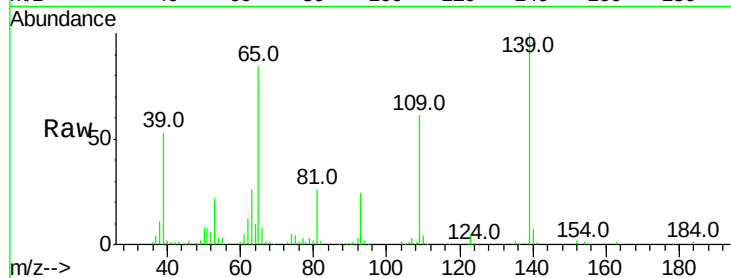
Tot Ion:139 Resp: 146557

Ion Ratio Lower Upper

139 100

109 60.8 48.4 88.4

65 83.6 72.6 112.6



#56

2,4-Dinitrotoluene

Concen: 37.097 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Tgt Ion:165 Resp: 147323

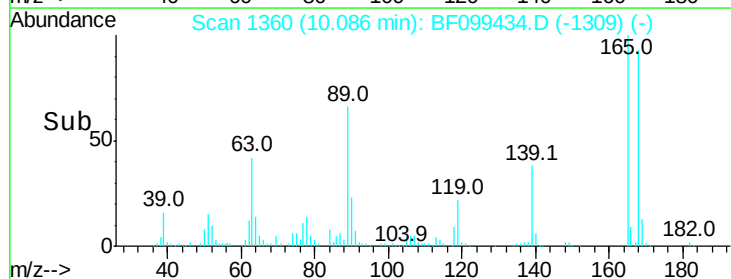
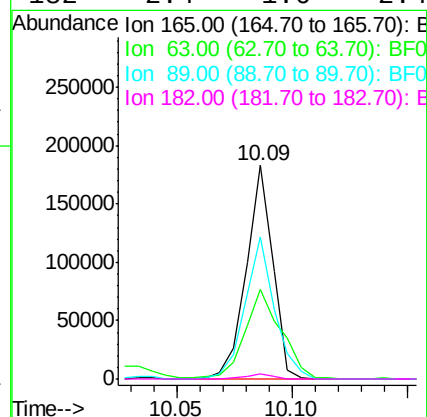
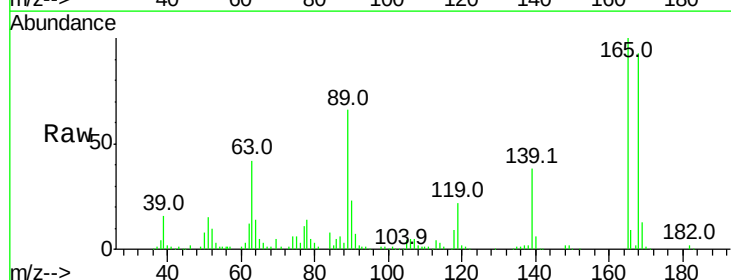
Ion Ratio Lower Upper

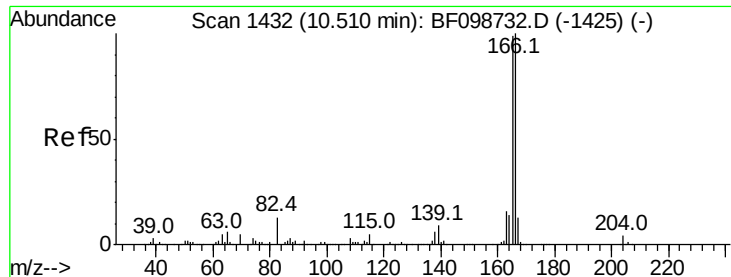
165 100

63 41.8 36.4 54.6

89 66.3 57.8 86.6

182 2.4 1.6 2.4#





#57

Fluorene

Concen: 41.145 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

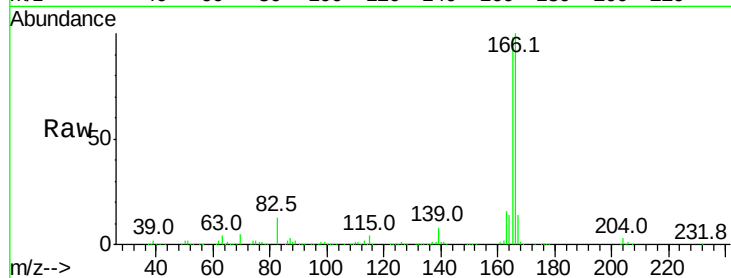
Tot Ion:166 Resp: 513119

Ion Ratio Lower Upper

166 100

165 97.8 79.8 119.8

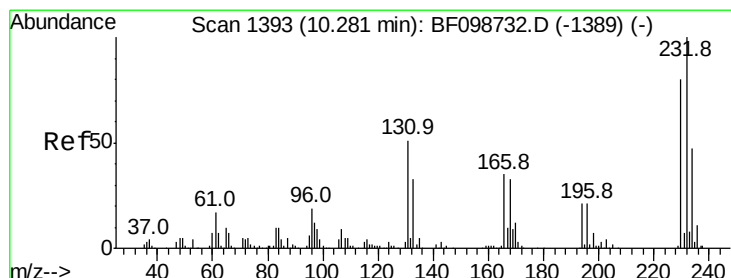
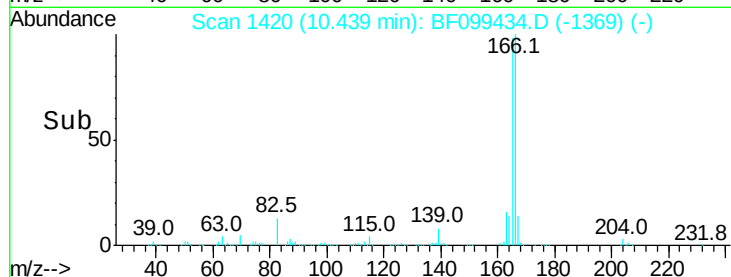
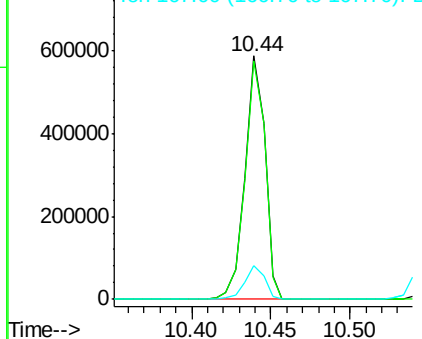
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.736 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Tgt Ion:232 Resp: 113238

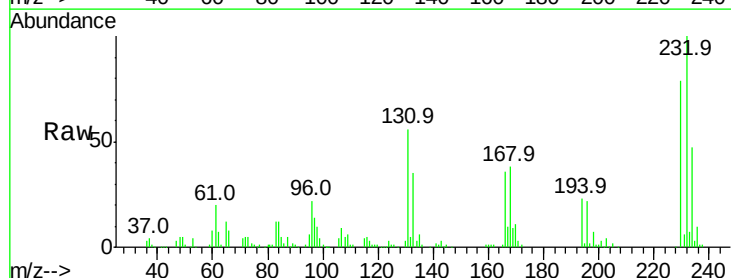
Ion Ratio Lower Upper

232 100

131 51.8 43.8 65.8

130 2.4 2.1 3.1

166 35.5 27.8 41.6

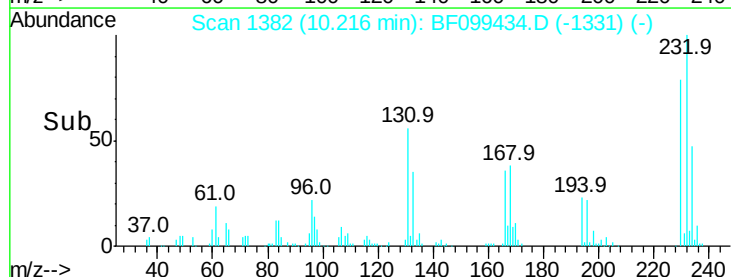
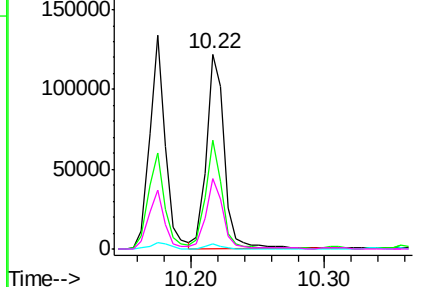


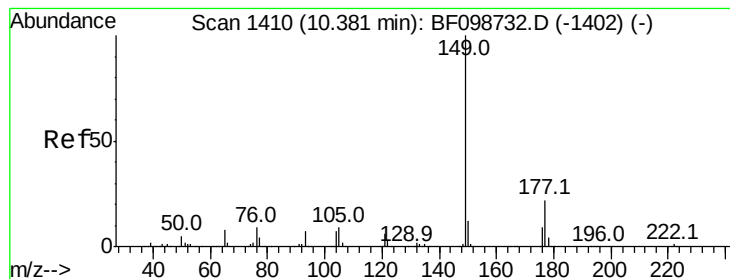
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.285 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

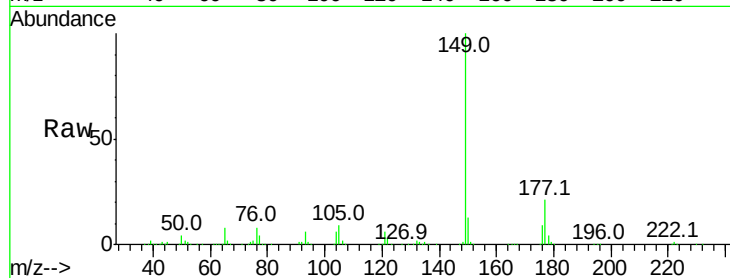
Tot Ion:149 Resp: 608225

Ion Ratio Lower Upper

149 100

177 21.1 16.1 24.1

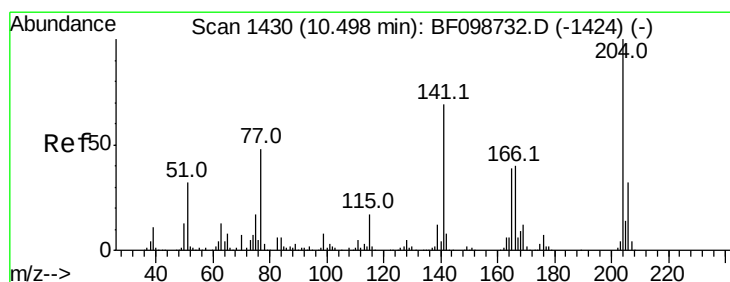
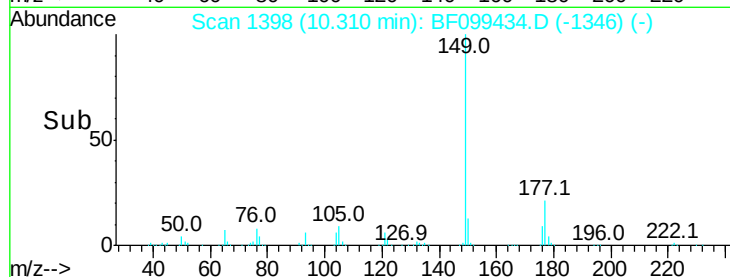
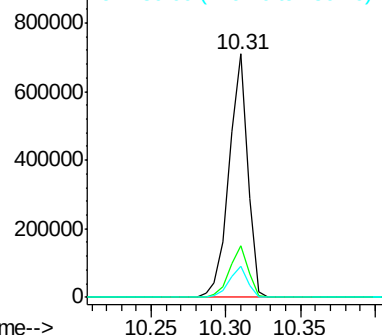
150 12.7 10.1 15.1



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: 43.528 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

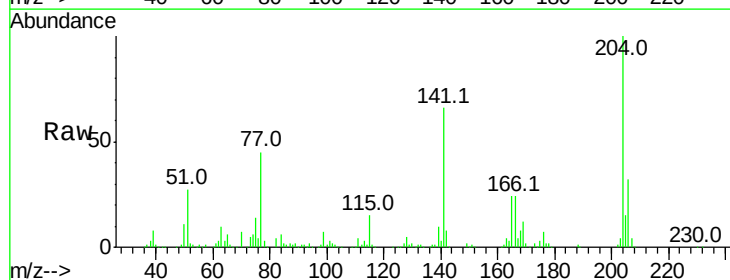
Tgt Ion:204 Resp: 243842

Ion Ratio Lower Upper

204 100

206 32.2 26.5 39.7

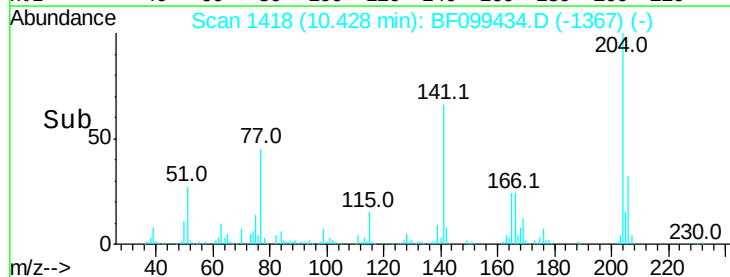
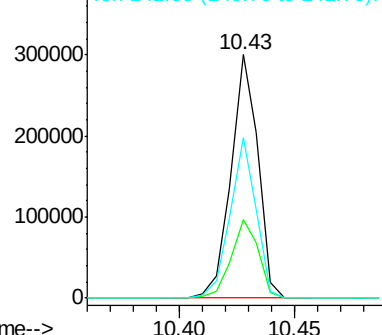
141 65.8 54.6 81.8

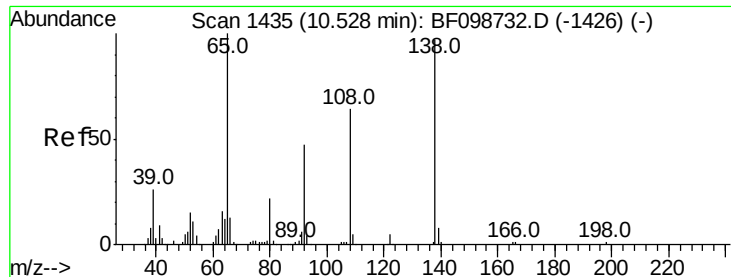


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.668 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

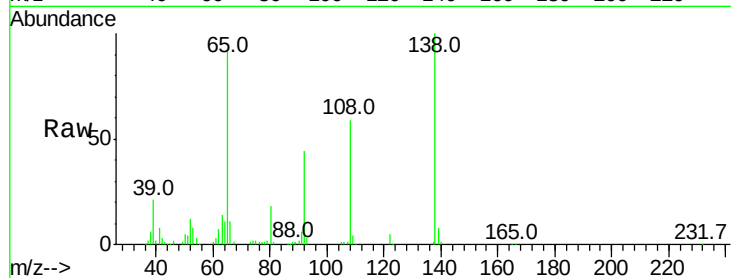
BNA_F

ClientSampleId :

SU-04-101017MS

Tot Ion:138 Resp: 136547

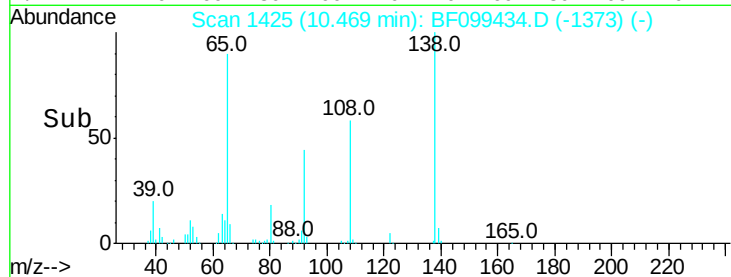
Ion	Ratio	Lower	Upper
138	100		
92	43.9	30.2	70.2
108	59.2	52.5	92.5



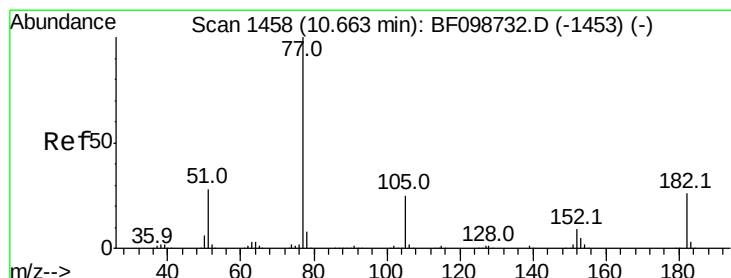
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 40.142 ng

RT: 10.59 min Scan# 1445

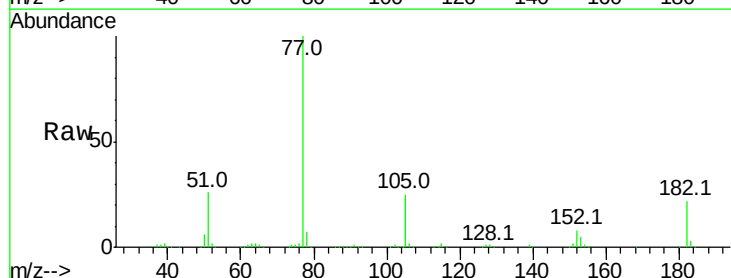
Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Tgt Ion: 77 Resp: 506926

Ion	Ratio	Lower	Upper
77	100		
182	22.3	1.7	41.7
105	24.6	3.0	43.0
51	26.2	9.9	49.9

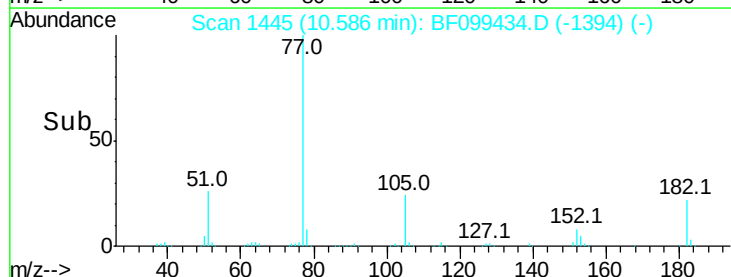


Abundance Ion 77.00 (76.70 to 77.70): BF0

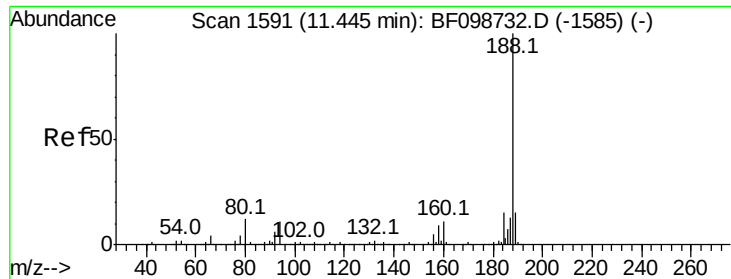
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



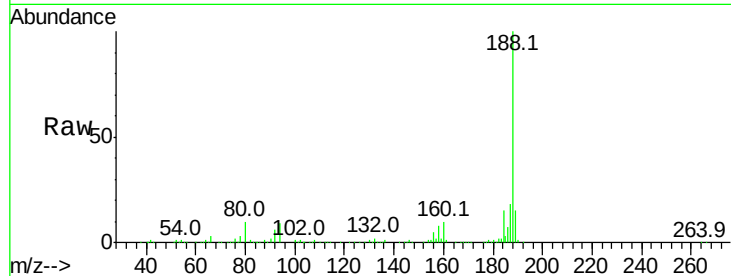
Time-->



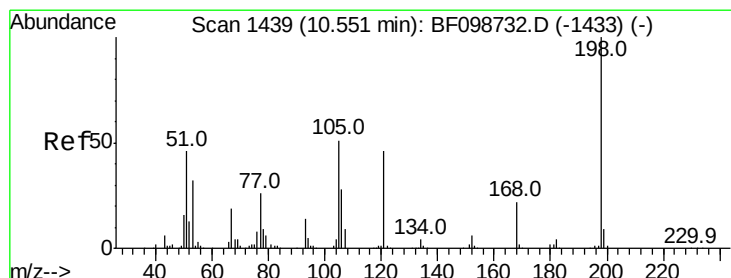
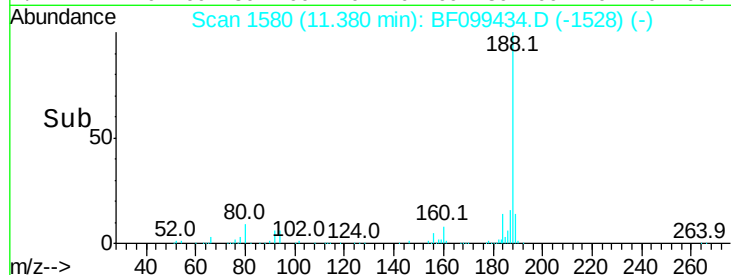
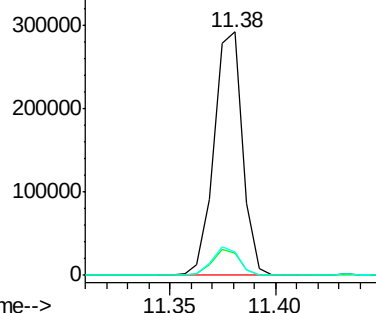
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:188 Resp: 273847
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.7 9.2 13.8

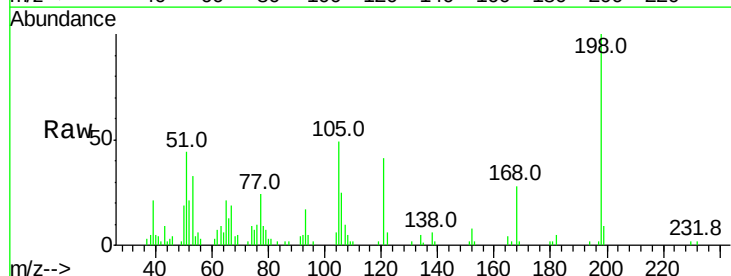


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

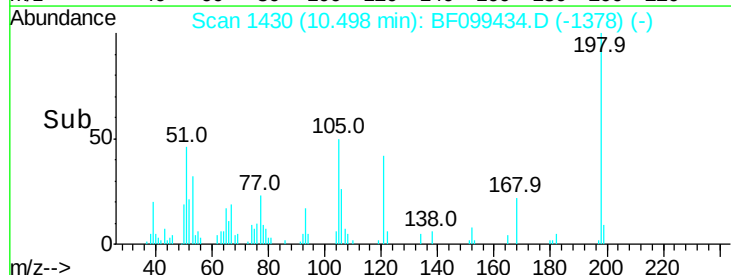
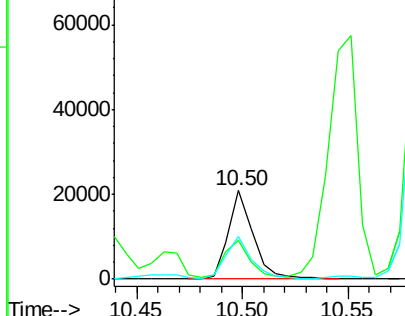


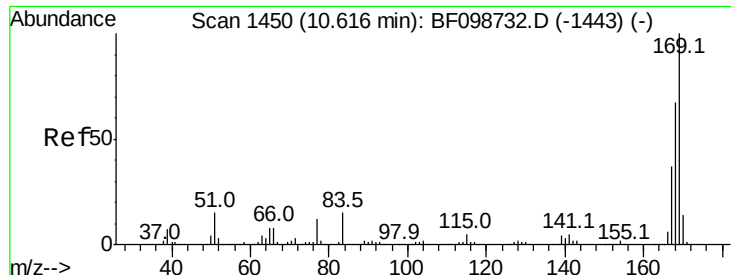
#64
4,6-Dinitro-2-methylphenol
Concen: 10.113 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:198 Resp: 16850
Ion Ratio Lower Upper
198 100
51 44.5 37.7 77.7
105 49.1 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

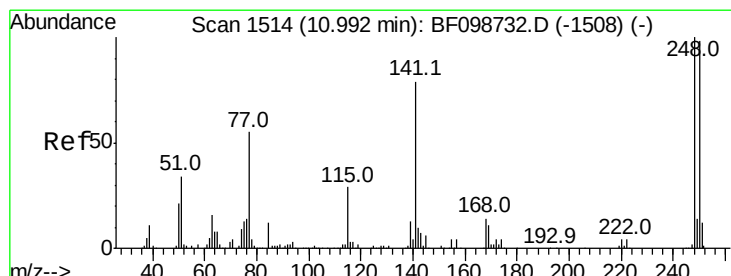
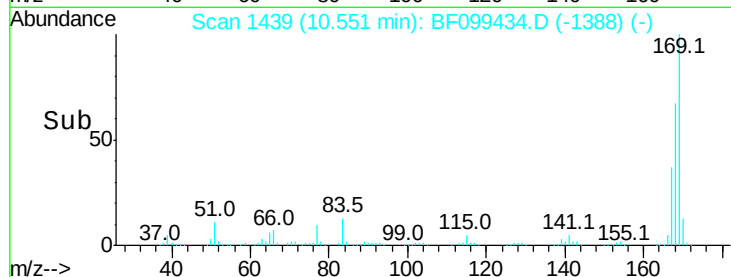
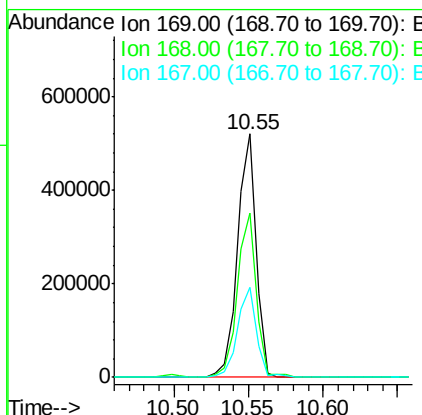
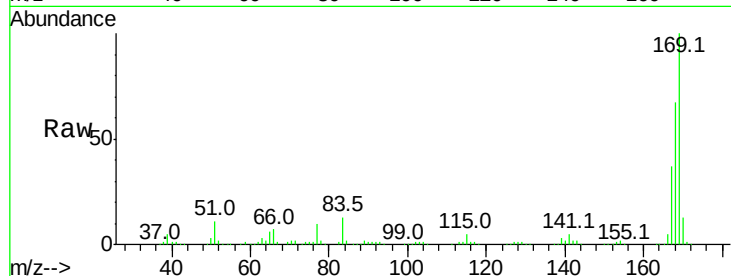




#65
 n-Nitrosodiphenylamine
 Concen: 48.107 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

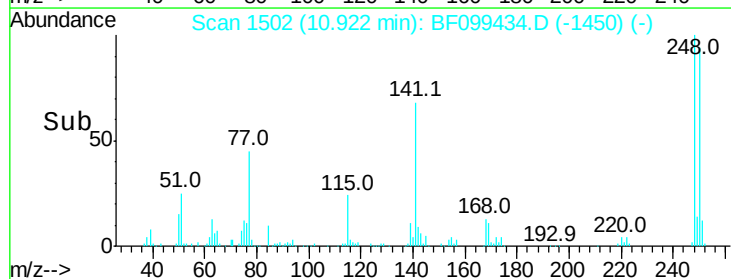
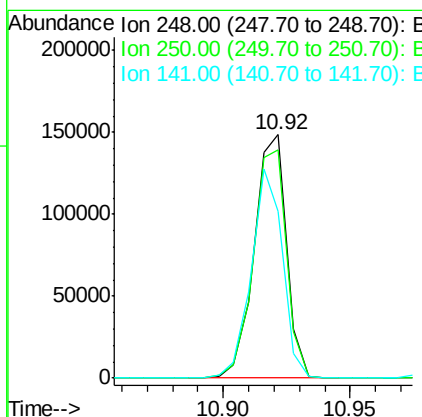
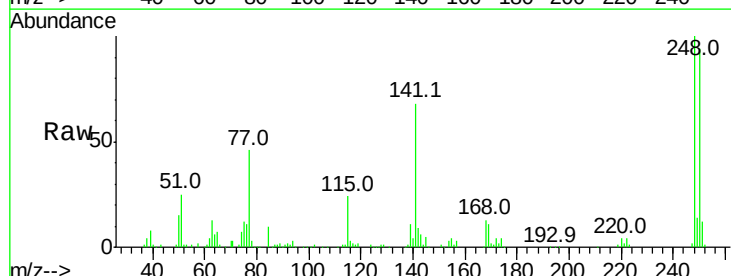
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

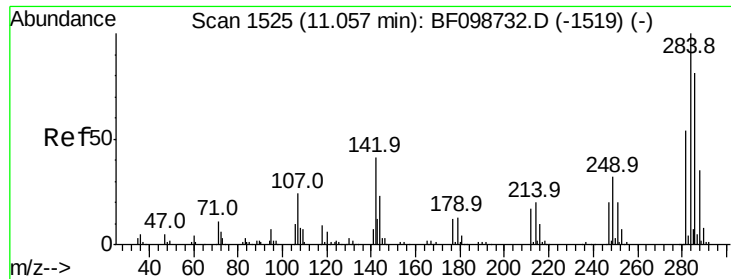
Tot Ion:169 Resp: 456391
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 37.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 49.141 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:248 Resp: 131722
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.9 115.3
 141 68.5 74.4 111.6#

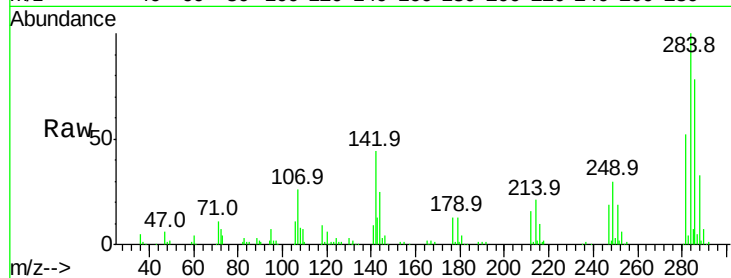




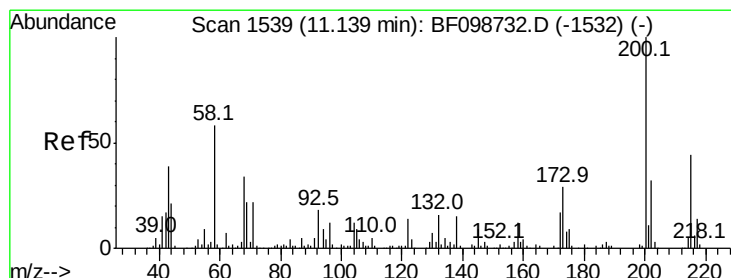
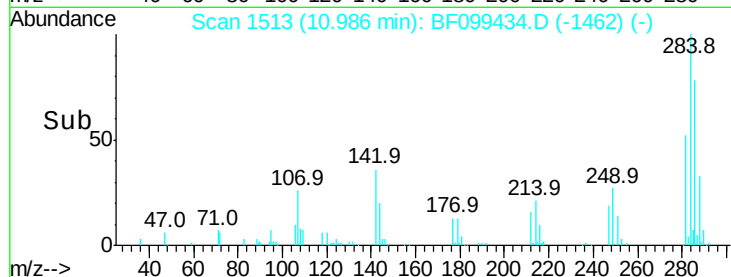
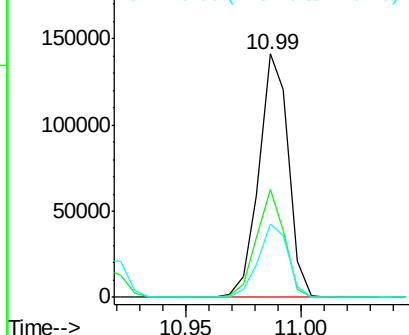
#67
Hexachlorobenzene
Concen: 44.105 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:284 Resp: 126268
Ion Ratio Lower Upper
284 100
142 44.2 34.6 52.0
249 30.3 24.8 37.2

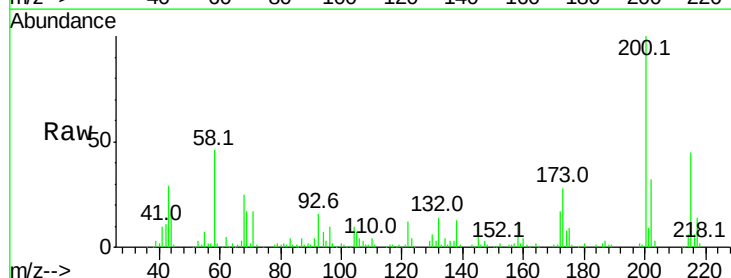


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

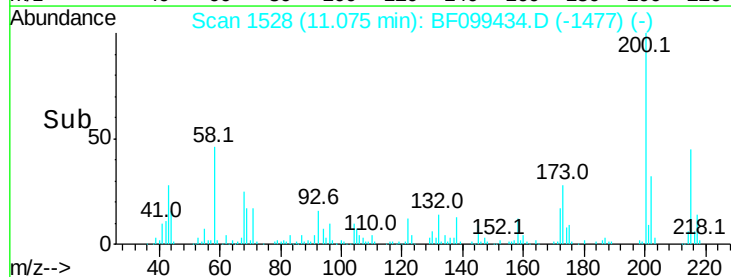
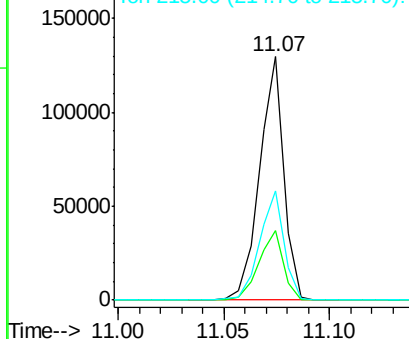


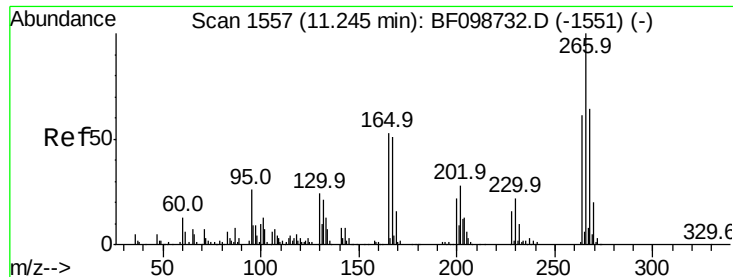
#68
Atrazine
Concen: 36.352 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:200 Resp: 103761
Ion Ratio Lower Upper
200 100
173 28.3 8.6 48.6
215 44.7 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

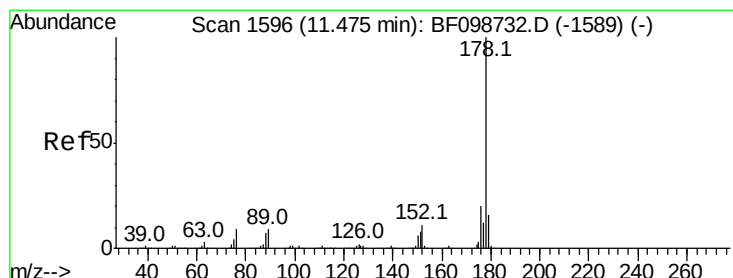
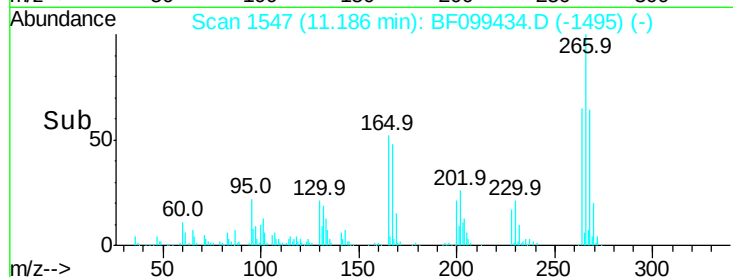
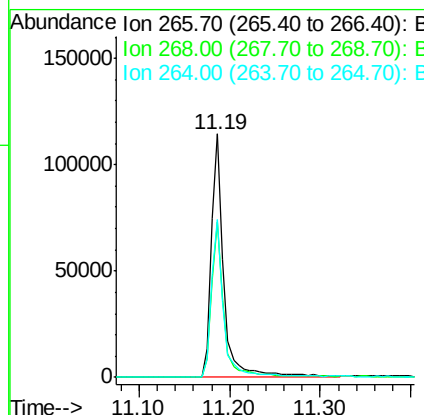
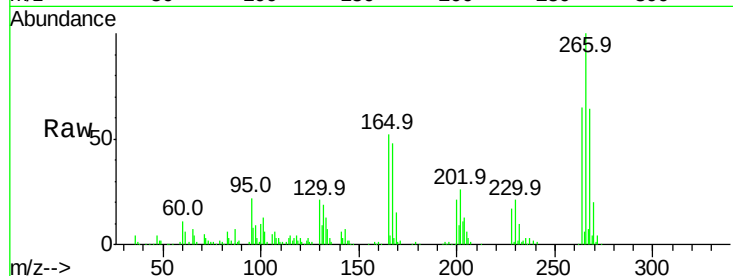




#69
 Pentachlorophenol
 Concen: 64.025 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

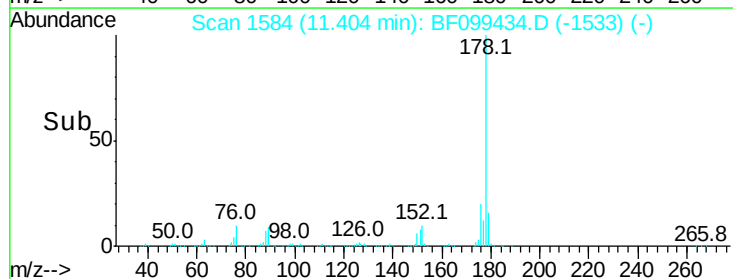
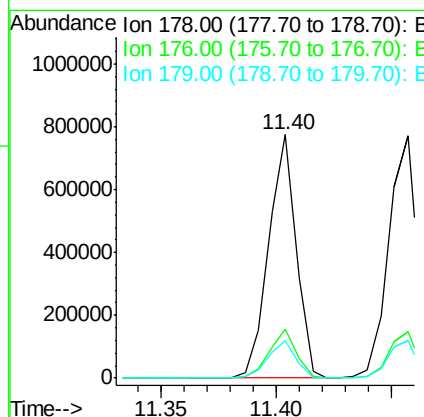
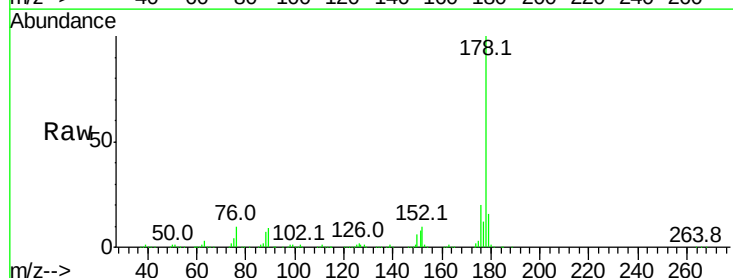
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

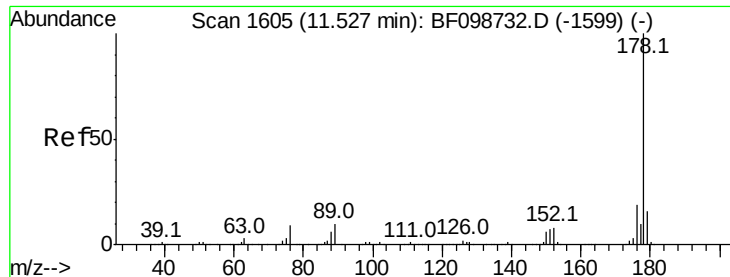
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.6	49.5	74.3



#70
 Phenanthrene
 Concen: 44.007 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6

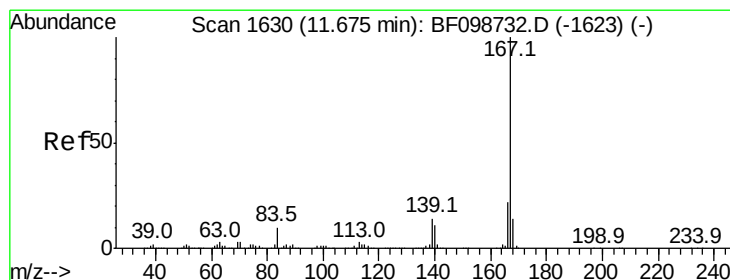
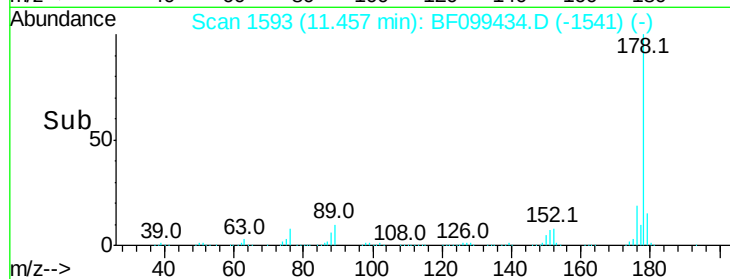
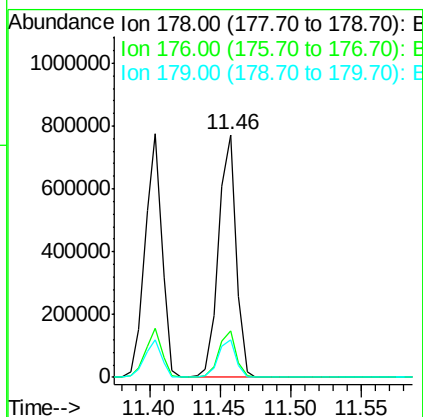
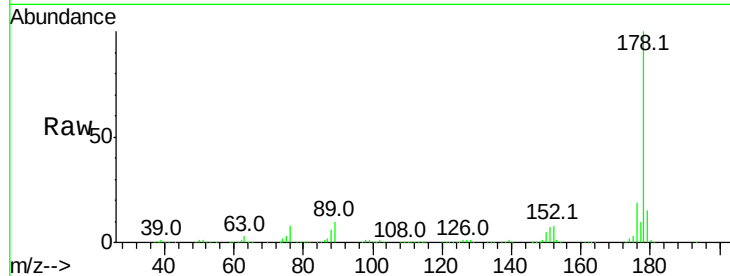




#71
 Anthracene
 Concen: 44.587 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

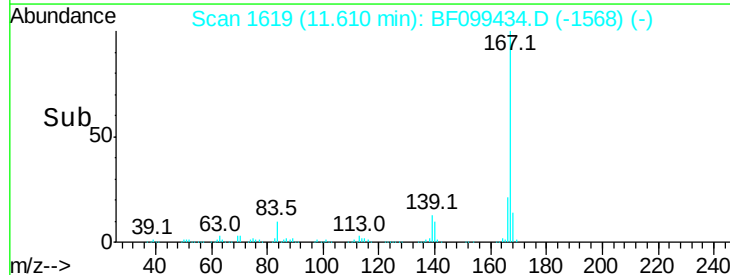
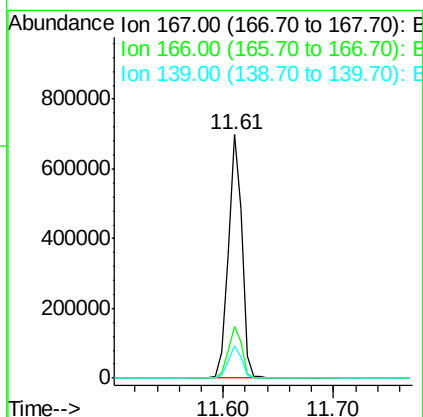
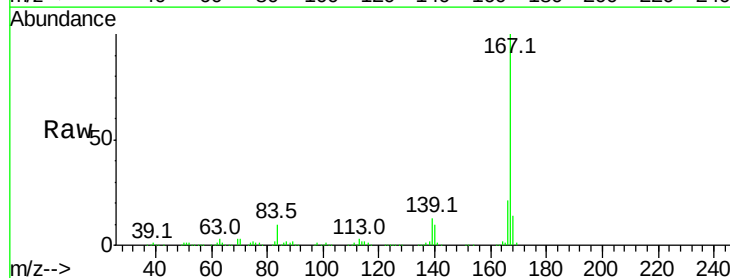
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

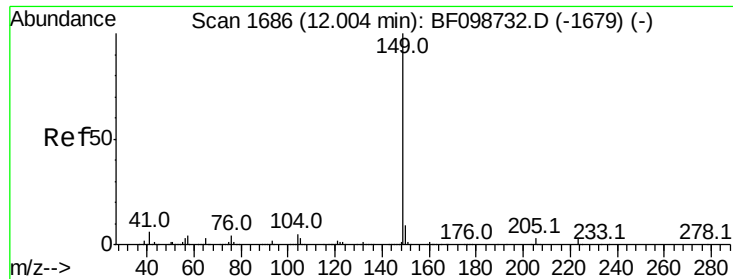
Tot Ion:178 Resp: 668730
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.041 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion:167 Resp: 602780
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.347 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

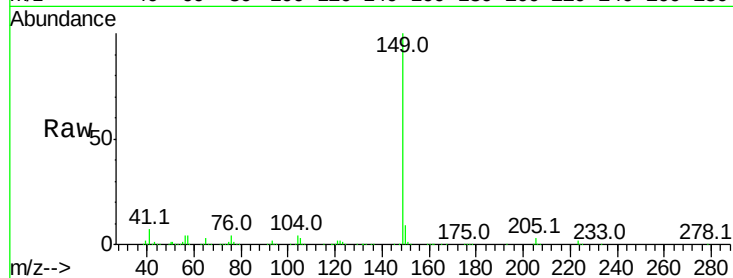
Tot Ion:149 Resp: 819357

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

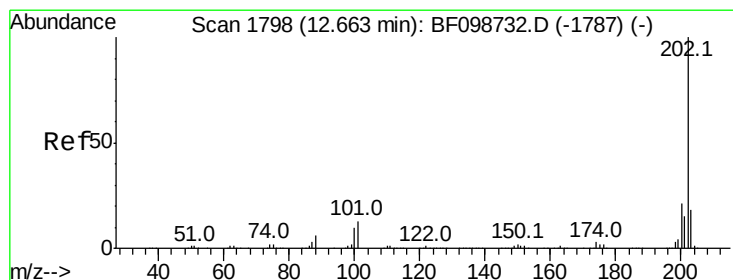
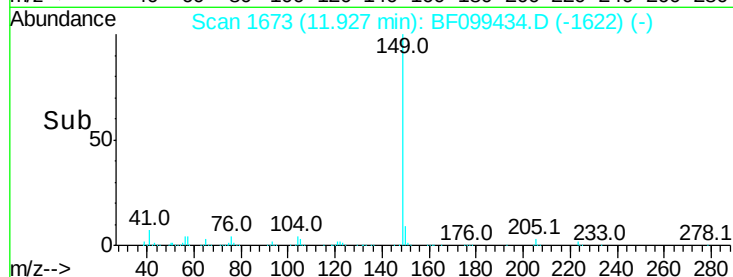
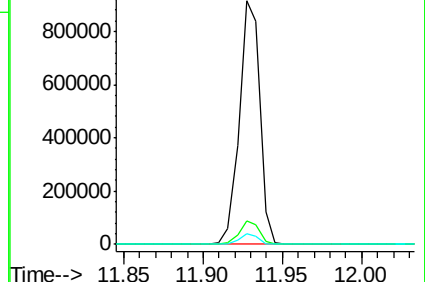
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.846 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

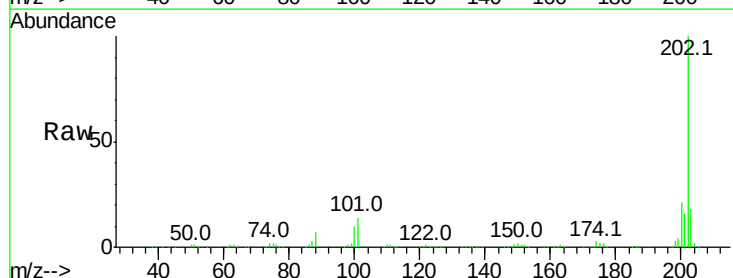
Tgt Ion:202 Resp: 635963

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

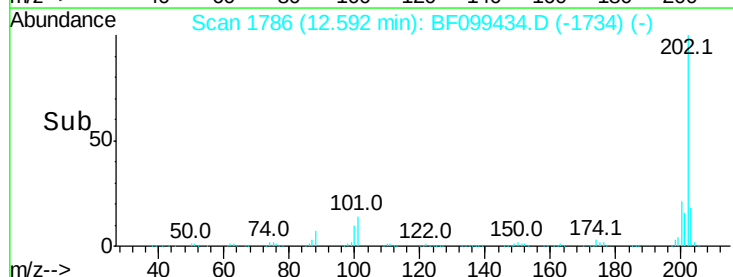
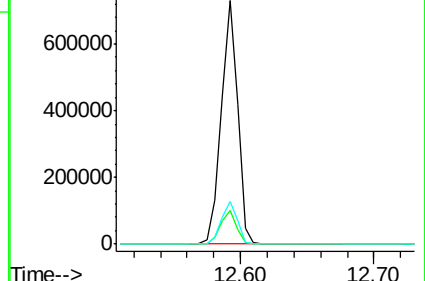
203 17.5 0.0 38.1

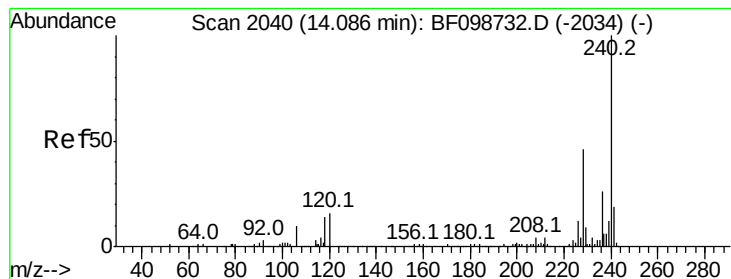


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

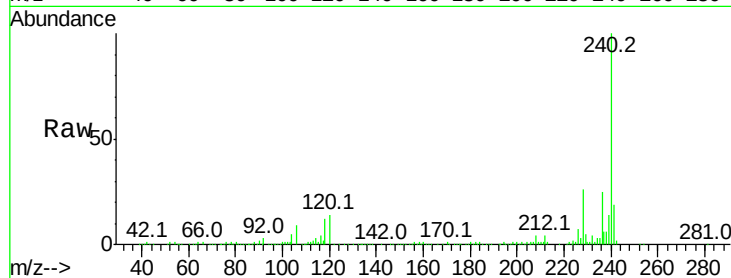
Tot Ion:240 Resp: 204054

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

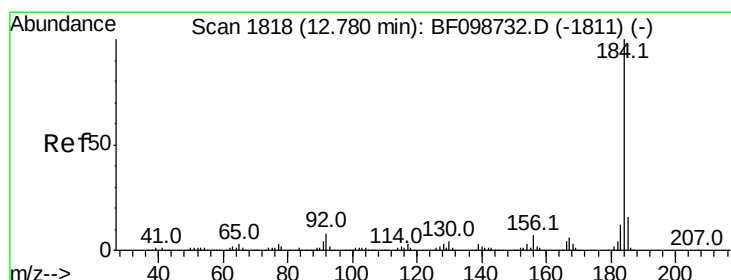
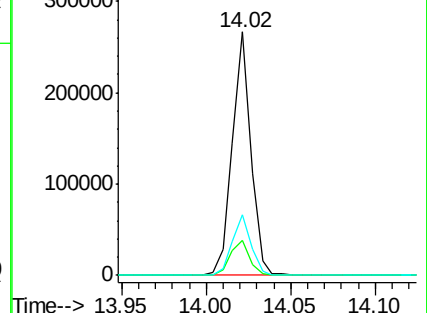
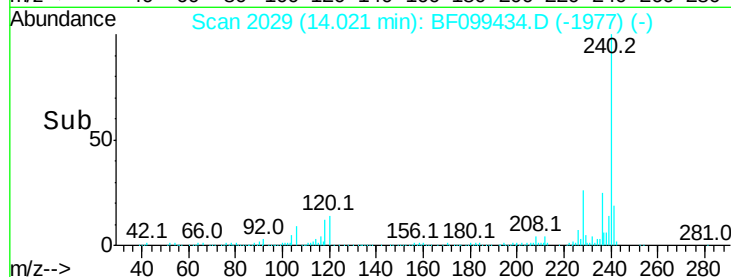
236 25.1 20.7 31.1



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: 6.194 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

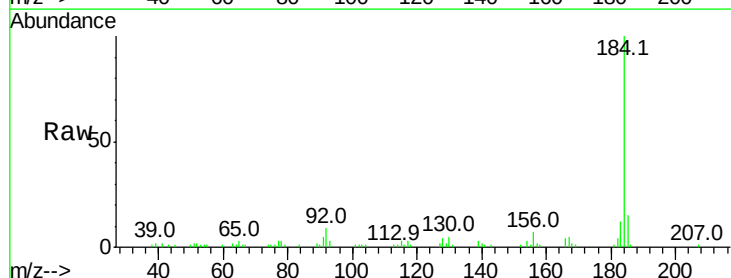
Tgt Ion:184 Resp: 46747

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

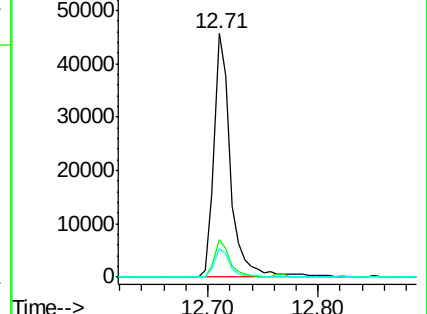
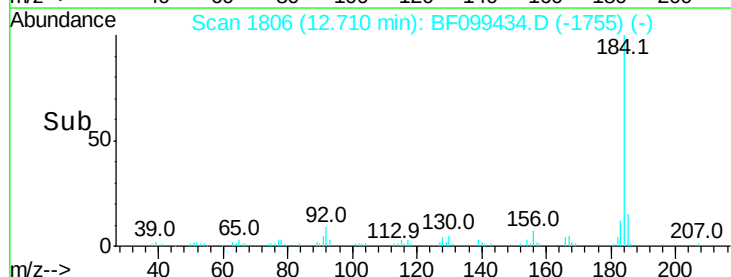
183 11.6 9.3 13.9

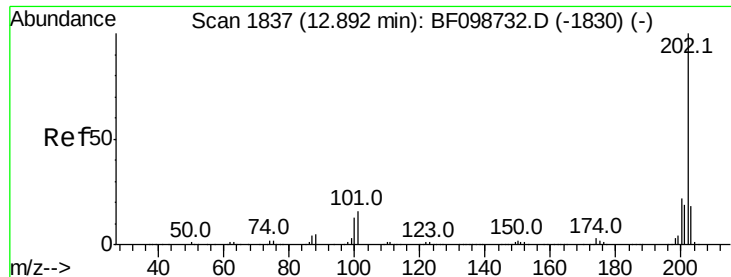


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

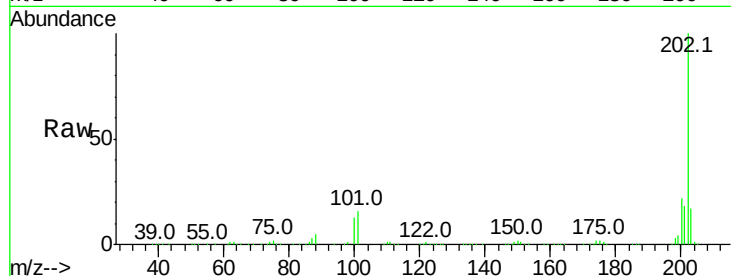




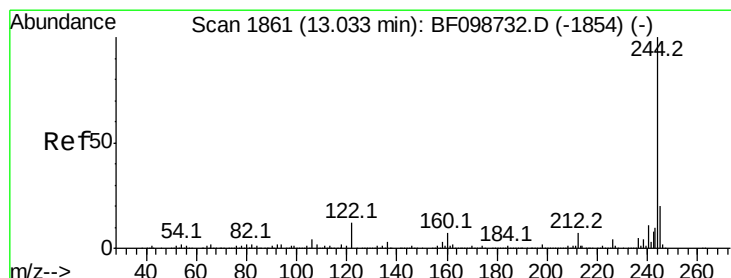
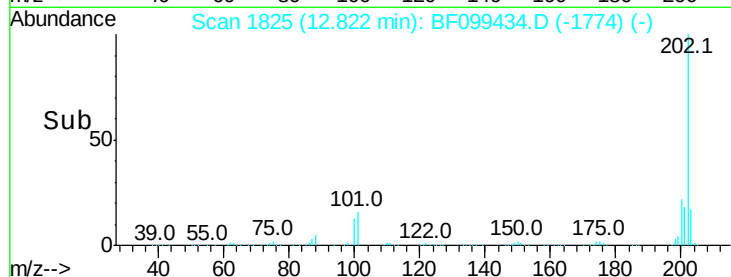
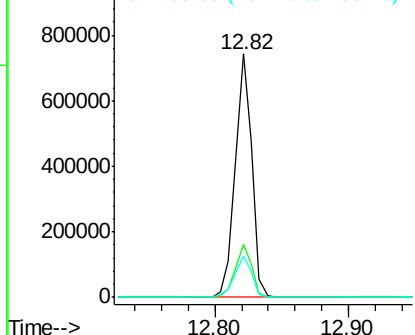
#77
Pvrene
Concen: 42.042 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

Tot Ion:202 Resp: 654168
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.2 14.3 21.5

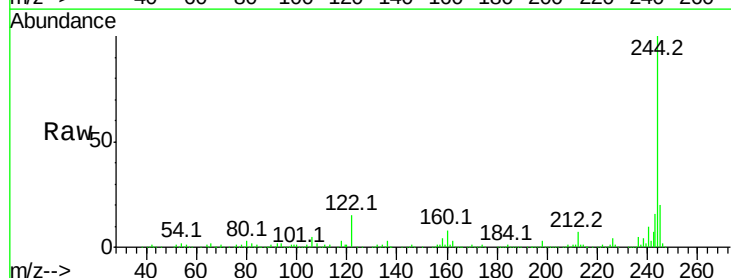


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

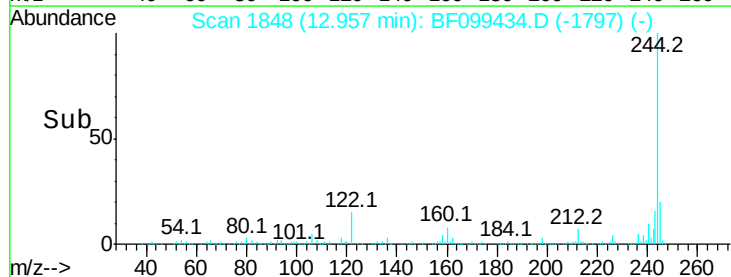
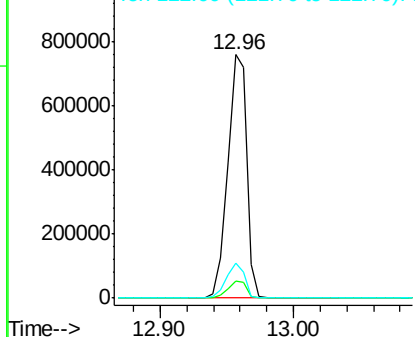


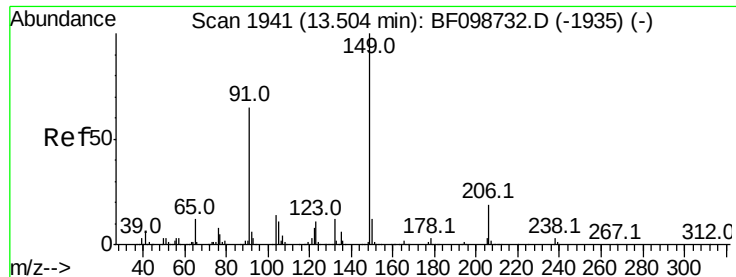
#78
Terphenyl-d14
Concen: 85.139 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:244 Resp: 763917
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 14.6 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: 43.883 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

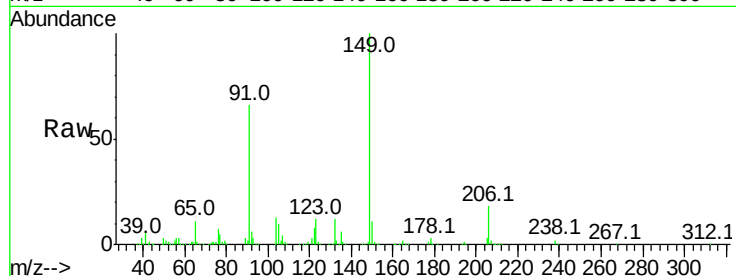
Tot Ion:149 Resp: 320904

Ion Ratio Lower Upper

149 100

91 65.8 56.8 85.2

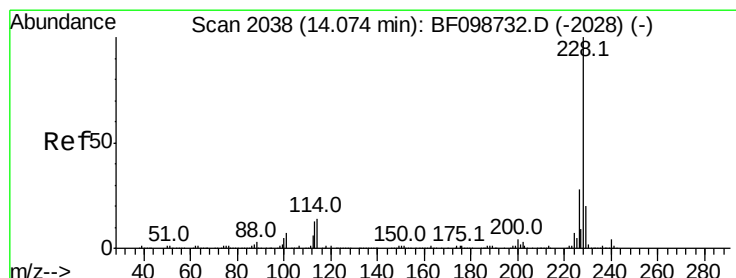
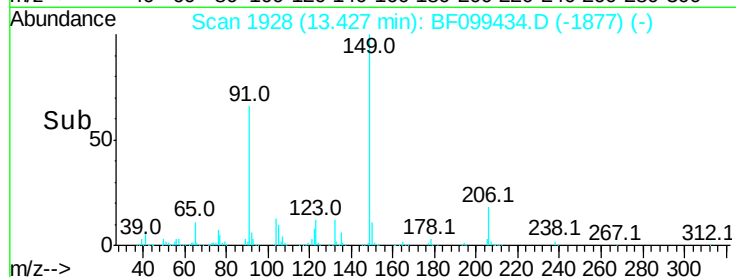
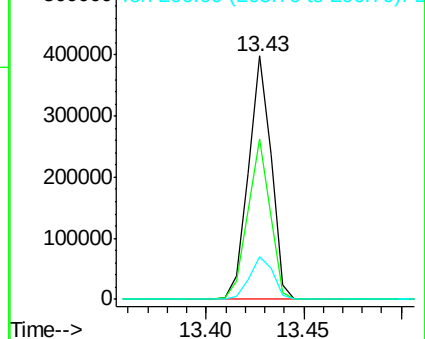
206 17.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.084 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

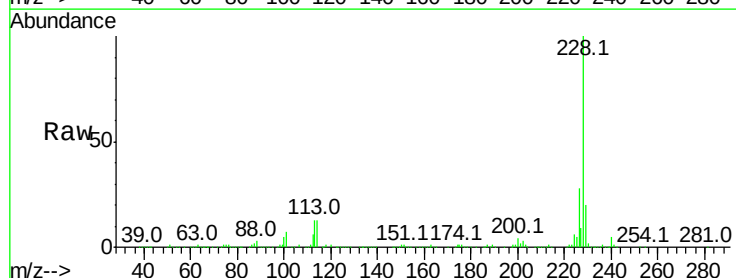
Tgt Ion:228 Resp: 544702

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

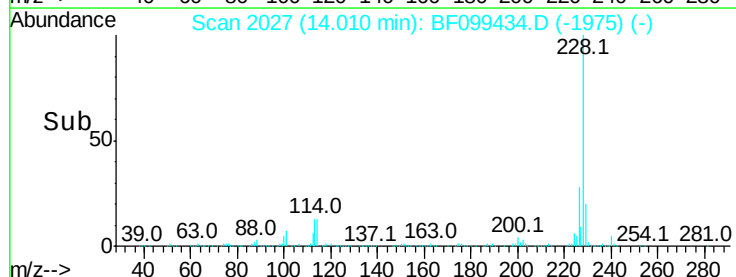
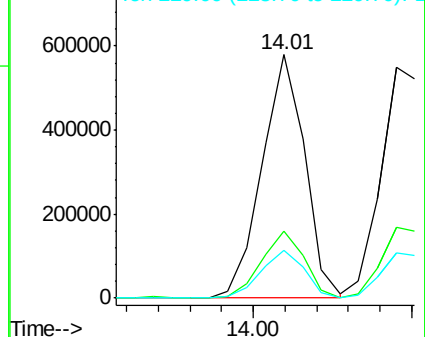
229 19.8 15.8 23.6

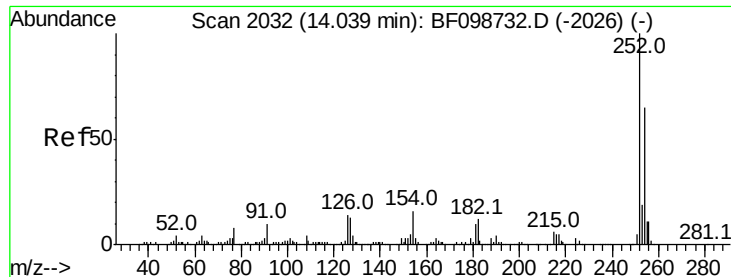


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

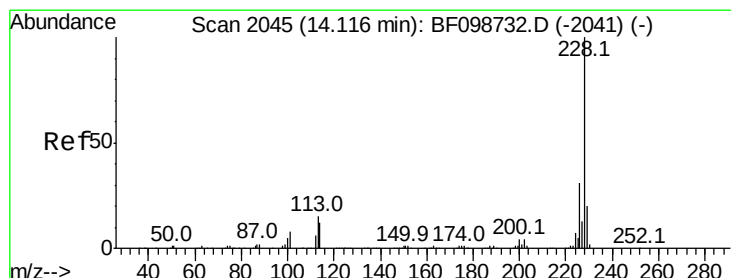
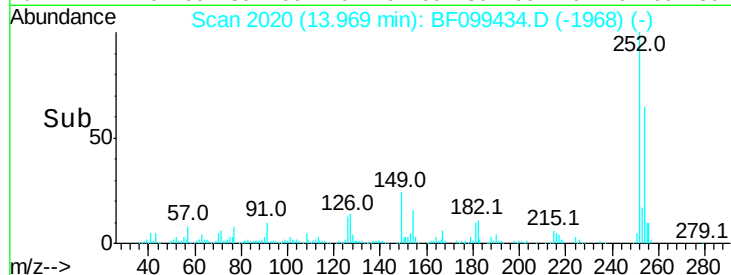
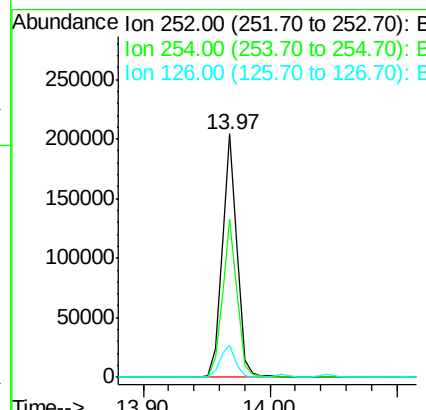
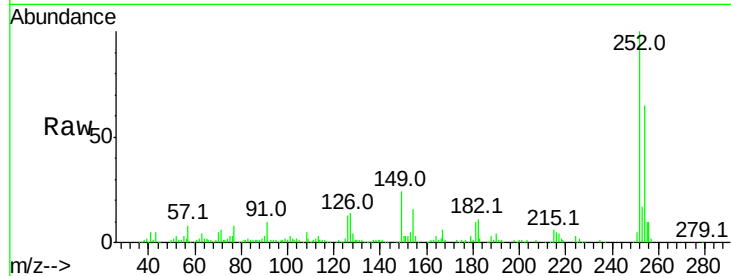




#81
 3,3'-Dichlorobenzidine
 Concen: 37.401 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

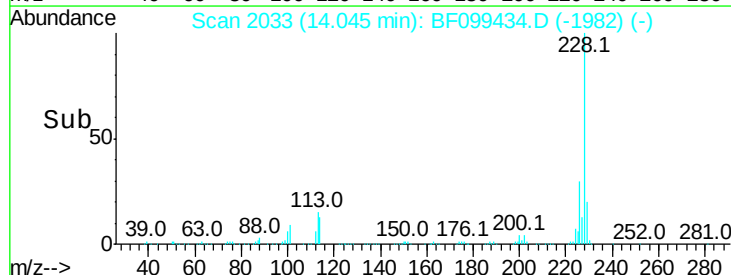
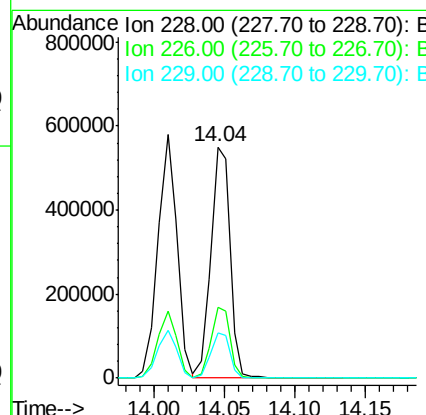
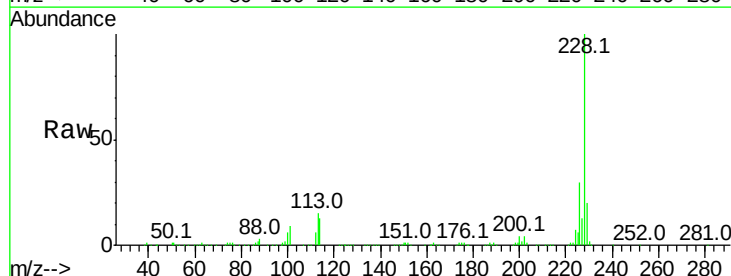
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

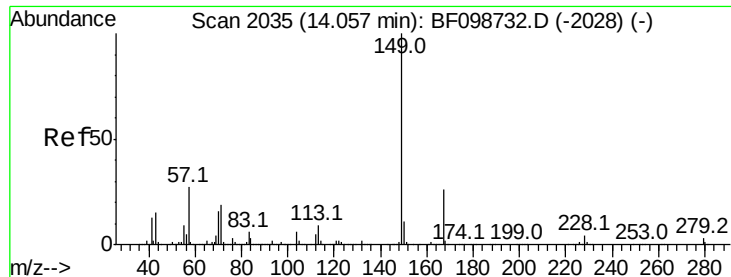
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.4	75.6
126	13.2	11.3	16.9



#82
 Chrysene
 Concen: 44.345 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.6	16.2	24.4

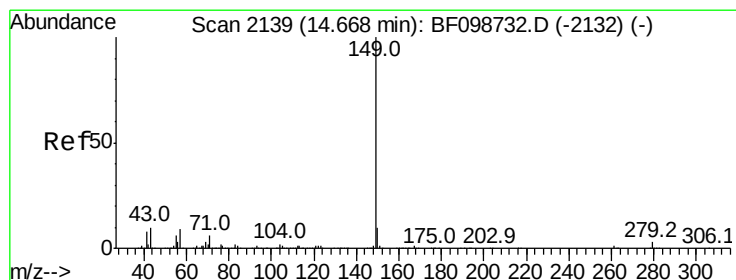
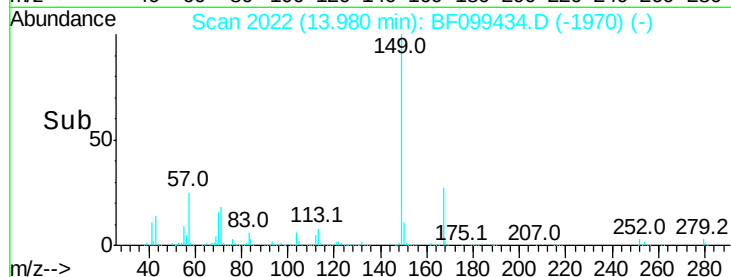
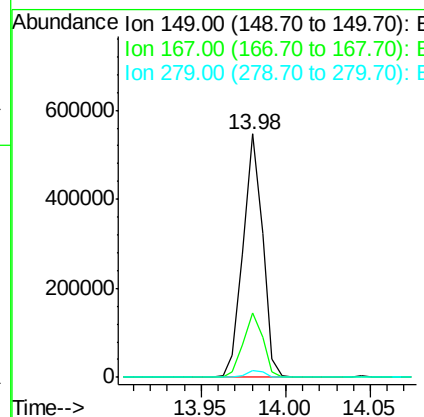
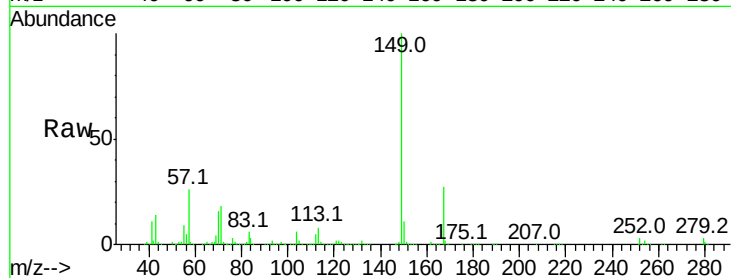




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.895 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

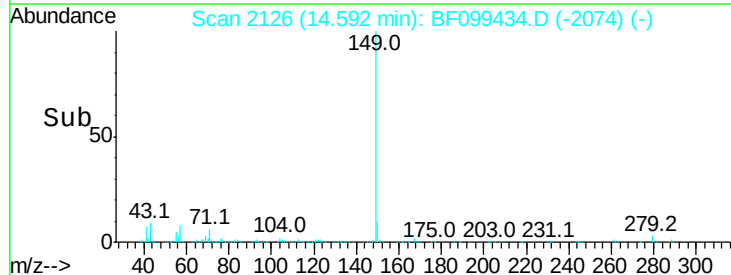
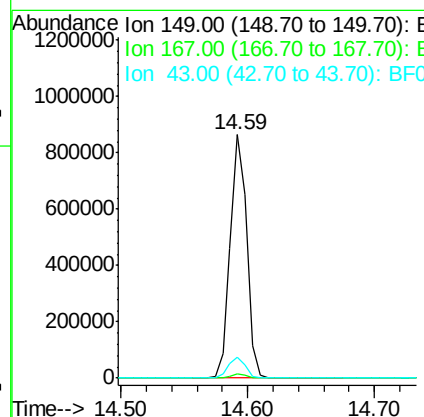
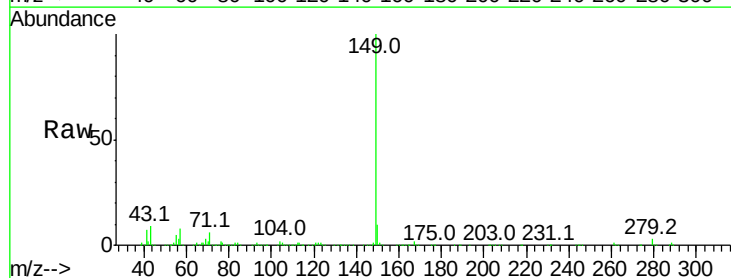
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-101017MS

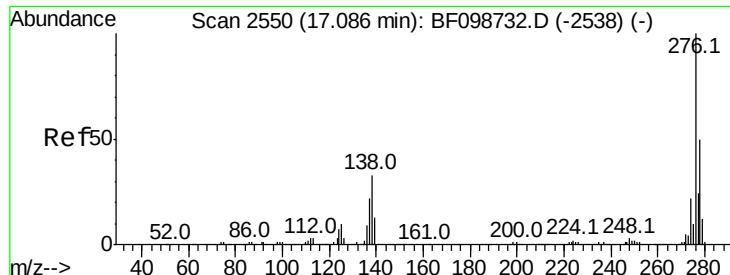
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	2.9	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 48.213 ng
 RT: 14.59 min Scan# 2126
 Delta R.T. 0.01 min
 Lab File: BF099434.D
 Acq: 13 Oct 2017 11:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.559 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.02 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

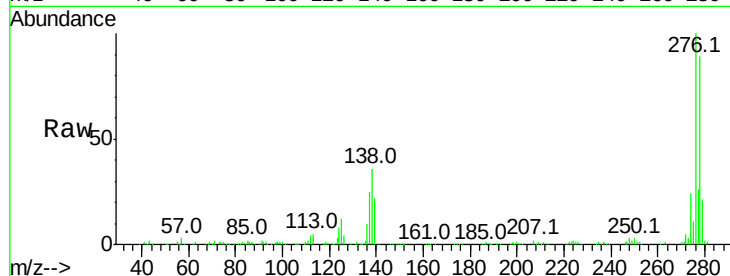
Tot Ion:276 Resp: 381667

Ion Ratio Lower Upper

276 100

138 35.2 25.0 37.6

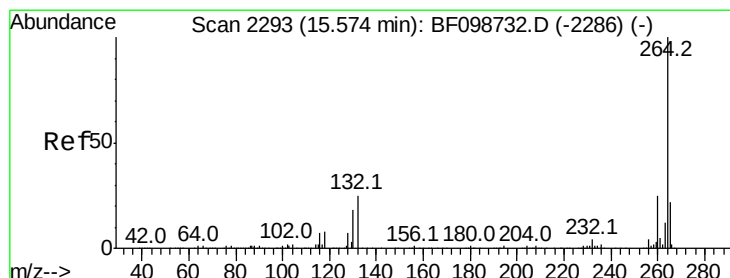
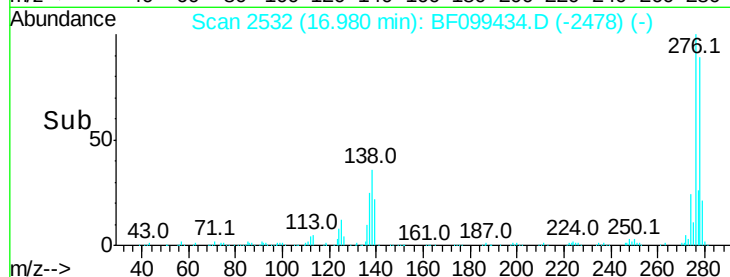
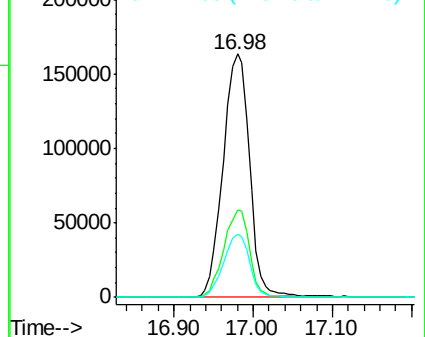
277 25.7 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

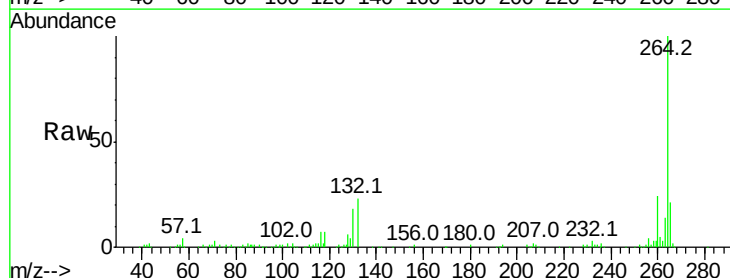
Tgt Ion:264 Resp: 162526

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

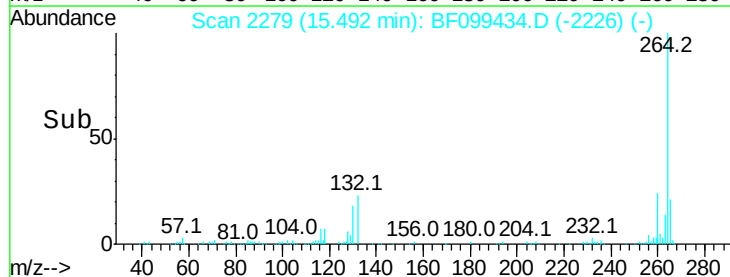
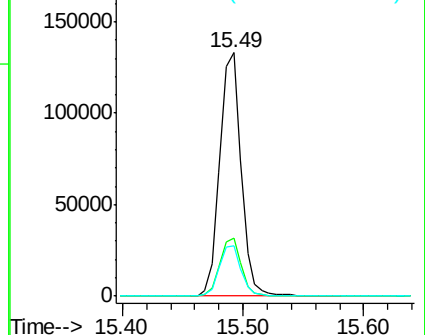
265 20.9 17.5 26.3

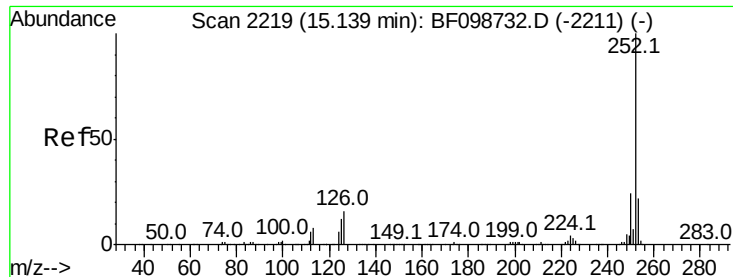


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

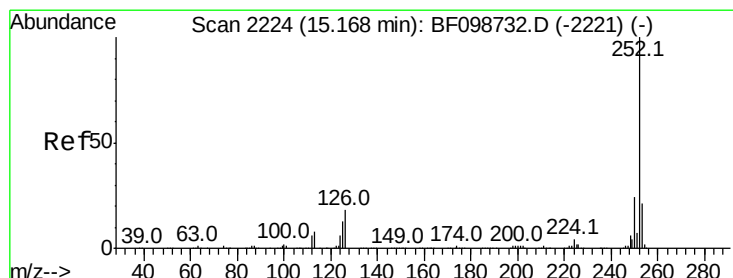
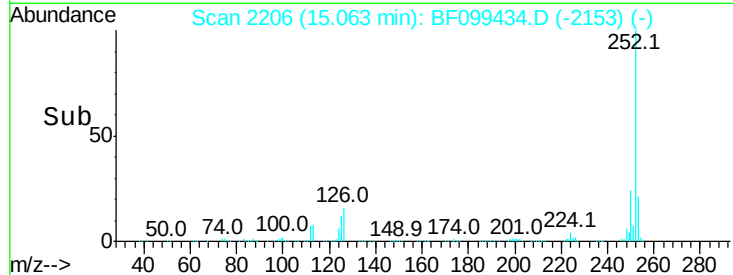
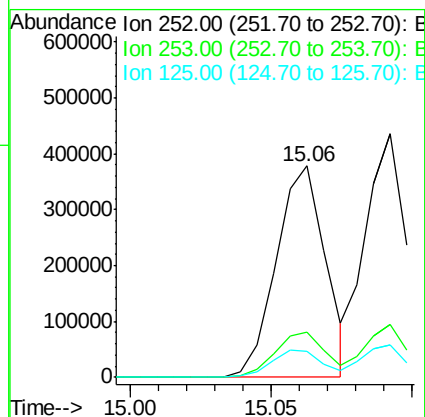
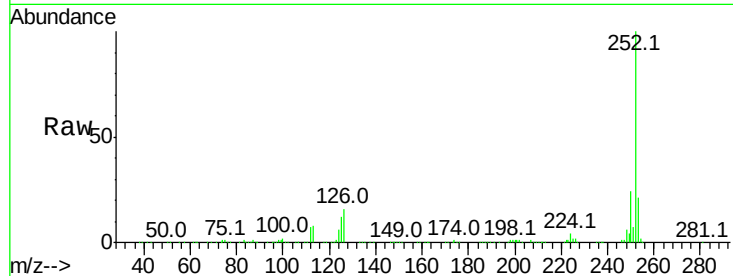




#87
Benzo(b)fluoranthene
Concen: 45.781 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

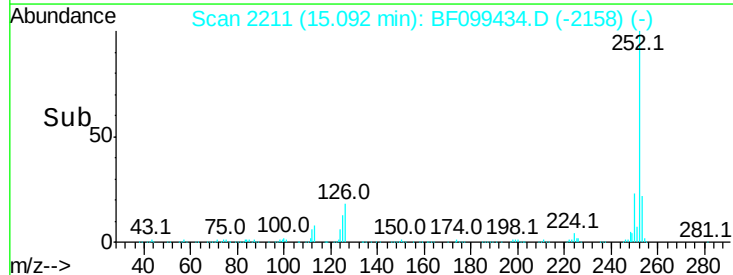
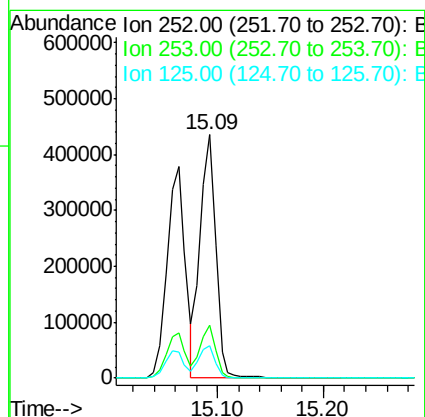
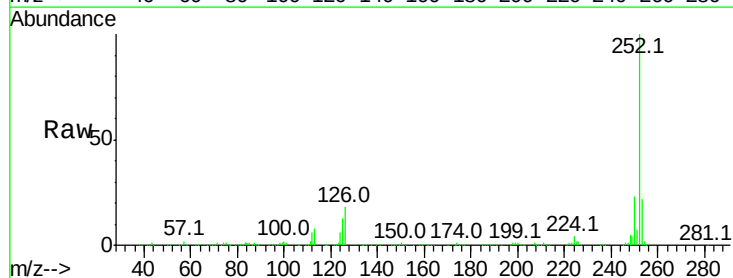
Instrument :
BNA_F
ClientSampleId :
SU-04-101017MS

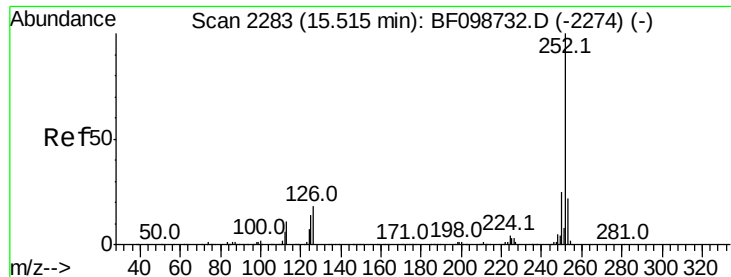
Tot Ion:252 Resp: 457475
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 12.5 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.207 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BF099434.D
Acq: 13 Oct 2017 11:06

Tgt Ion:252 Resp: 446189
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 13.1 10.2 15.2





#89

Benzo(a)pyrene

Concen: 45.007 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

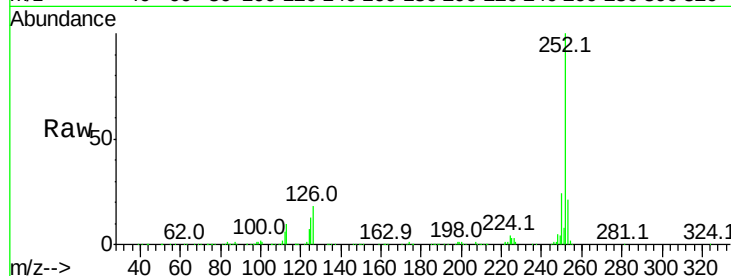
Tot Ion:252 Resp: 412833

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

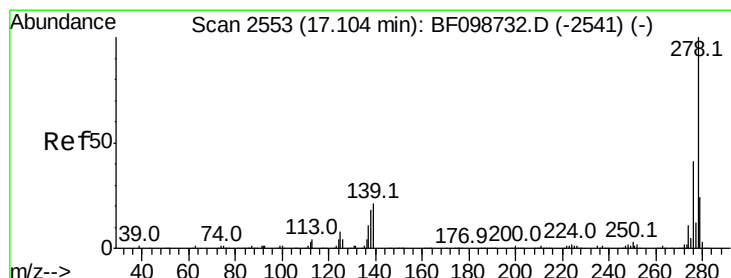
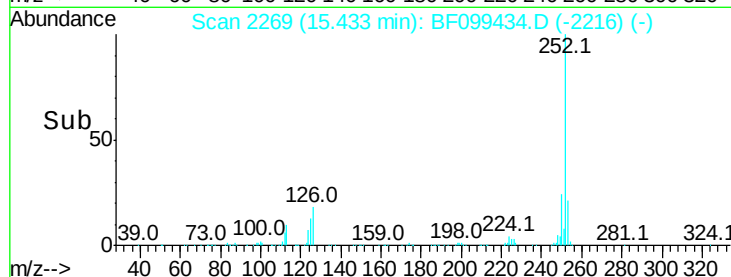
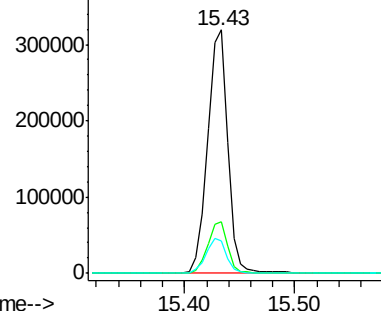
125 13.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.557 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

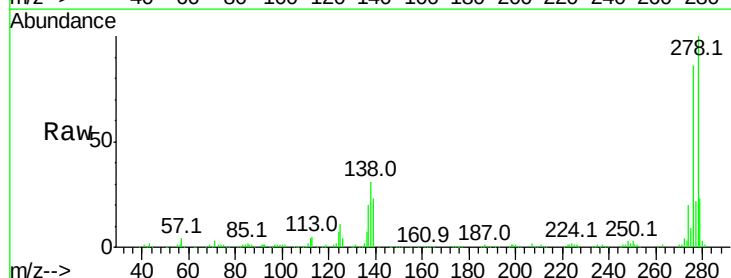
Tgt Ion:278 Resp: 327083

Ion Ratio Lower Upper

278 100

139 23.0 15.9 23.9

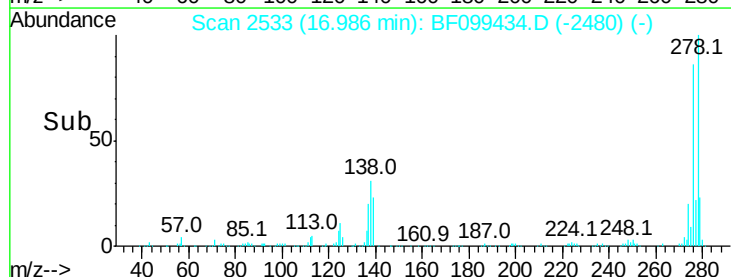
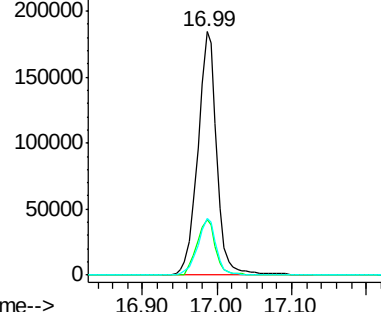
279 23.0 19.0 28.4

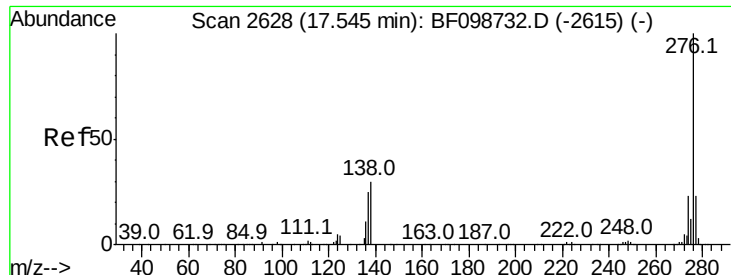


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.720 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.02 min

Lab File: BF099434.D

Acq: 13 Oct 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SU-04-101017MS

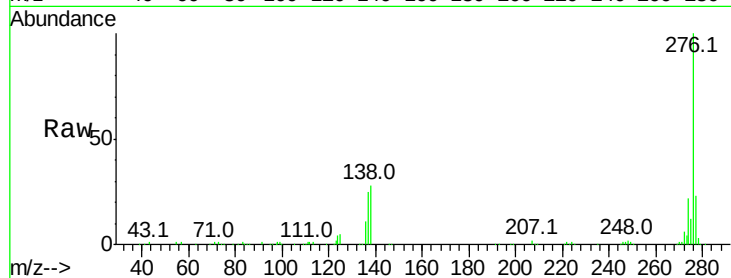
Tot Ion:276 Resp: 317240

Ion Ratio Lower Upper

276 100

277 22.9 17.9 26.9

138 28.5 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
 200000 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

