

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099745.D
 Acq On : 21 Oct 2017 23:45
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 22 05:13:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	81269	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	335985	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	149561	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	237855	20.00	ng	0.00
75) Chrysene-d12	13.98	240	136833	20.00	ng	0.00
86) Perylene-d12	15.44	264	148728	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	419936	82.26	ng	0.00
7) Phenol-d6	6.46	99	498245	79.11	ng	0.00
23) Nitrobenzene-d5	7.39	82	400027	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	96168	78.58	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	781012	87.18	ng	0.00
78) Terphenyl-d14	12.92	244	544796	90.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	89409	36.663	ng	# 88
3) Pyridine	3.32	79	220450	33.416	ng	89
4) n-Nitrosodimethylamine	3.27	42	78379	28.018	ng	# 68
6) Aniline	6.49	93	315324	37.098	ng	98
8) 2-Chlorophenol	6.60	128	236423	40.894	ng	93
9) Benzaldehyde	6.37	77	120234	32.912	ng	90
10) Phenol	6.47	94	290223	41.205	ng	93
11) bis(2-Chloroethyl)ether	6.55	93	209479	38.257	ng	95
12) 1,3-Dichlorobenzene	6.83	146	258153	42.637	ng	95
13) 1,4-Dichlorobenzene	6.83	146	258153	41.906	ng	96
14) 1,2-Dichlorobenzene	6.99	146	236085	41.476	ng	96
15) Benzyl Alcohol	6.96	79	153179	33.155	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	261183	30.616	ng	70
17) 2-Methylphenol	7.07	107	180804	38.221	ng	98
18) Hexachloroethane	7.32	117	78788	35.582	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	136132	33.856	ng	93
20) 3+4-Methylphenols	7.23	107	224514	37.517	ng	# 68
22) Acetophenone	7.23	105	302274	37.133	ng	# 98
24) Nitrobenzene	7.40	77	219145	36.874	ng	93
25) Isophorone	7.64	82	387406	35.765	ng	97
26) 2-Nitrophenol	7.72	139	126281	44.187	ng	# 82
27) 2,4-Dimethylphenol	7.76	122	201595	37.352	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	259083	38.381	ng	99
29) 2,4-Dichlorophenol	7.96	162	193520	41.762	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	195347	42.149	ng	98
31) Naphthalene	8.12	128	632994	40.114	ng	99
32) Benzoic acid	7.89	122	127636	28.790	ng	96
33) 4-Chloroaniline	8.17	127	265675	40.317	ng	# 95
34) Hexachlorobutadiene	8.23	225	99163	41.540	ng	98
35) Caprolactam	8.56	113	57623	38.766	ng	# 78
36) 4-Chloro-3-methylphenol	8.66	107	197898	37.996	ng	97
37) 2-Methylnaphthalene	8.81	142	410843	40.050	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	194155	43.529	ng	# 98
42) 2,4,6-Trichlorophenol	9.09	196	127353	40.304	ng	100

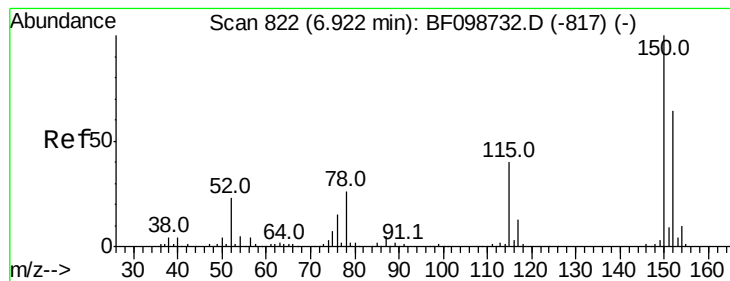
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099745.D
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 Operator : SJ/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.14	196	128738	40.813	ng	94
45) 1,1'-Biphenyl	9.27	154	541037	42.091	ng	98
46) 2-Chloronaphthalene	9.30	162	402964	41.754	ng	96
47) 2-Nitroaniline	9.40	65	104049	35.210	ng	88
48) Acenaphthylene	9.72	152	588389	39.826	ng	99
49) Dimethylphthalate	9.57	163	465746	41.260	ng	99
50) 2,6-Dinitrotoluene	9.65	165	103006	41.915	ng	# 82
51) Acenaphthene	9.89	154	351417	37.550	ng	99
52) 3-Nitroaniline	9.82	138	119005	41.531	ng	93
53) 2,4-Dinitrophenol	9.95	184	7335	11.143	ng	# 80
54) Dibenzofuran	10.06	168	481346	38.629	ng	99
55) 4-Nitrophenol	9.99	139	56225	23.205	ng	85
56) 2,4-Dinitrotoluene	10.06	165	120013	37.629	ng	# 92
57) Fluorene	10.40	166	415363	41.473	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	76567	35.139	ng	# 96
59) Diethylphthalate	10.27	149	437462	39.661	ng	97
60) 4-Chlorophenyl-phenylether	10.39	204	190690	42.386	ng	95
61) 4-Nitroaniline	10.43	138	105015	37.988	ng	85
62) Azobenzene	10.55	77	348047	34.318	ng	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	24188	16.714	ng	# 74
65) n-Nitrosodiphenylamine	10.51	169	367027	44.542	ng	98
66) 4-Bromophenyl-phenylether	10.88	248	103958	44.652	ng	# 87
67) Hexachlorobenzene	10.95	284	108374	43.583	ng	# 90
68) Atrazine	11.03	200	105387	42.509	ng	98
69) Pentachlorophenol	11.15	266	33710	21.782	ng	99
70) Phenanthrene	11.36	178	522100	41.008	ng	98
71) Anthracene	11.42	178	530765	40.744	ng	99
72) Carbazole	11.57	167	485342	38.045	ng	99
73) Di-n-butylphthalate	11.89	149	646744	42.119	ng	# 98
74) Fluoranthene	12.55	202	429335	33.302	ng	100
76) Benzidine	12.67	184	194507	38.433	ng	98
77) Pyrene	12.78	202	422082	40.452	ng	99
79) Butylbenzylphthalate	13.39	149	198921	40.565	ng	91
80) Benzo(a)anthracene	13.97	228	335262	40.463	ng	99
81) 3,3'-Dichlorobenzidine	13.93	252	124180	40.884	ng	98
82) Chrysene	14.01	228	323504	41.011	ng	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	258320	38.257	ng	99
84) Di-n-octyl phthalate	14.55	149	426736	39.249	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.92	276	312175	49.472	ng	97
87) Benzo(b)fluoranthene	15.02	252	356217	38.955	ng	100
88) Benzo(k)fluoranthene	15.04	252	338273	37.453	ng	99
89) Benzo(a)pyrene	15.39	252	336780	40.122	ng	99
90) Dibenzo(a,h)anthracene	16.92	278	265489	39.521	ng	97
91) Benzo(g,h,i)perylene	17.36	276	241443	36.361	ng	98

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

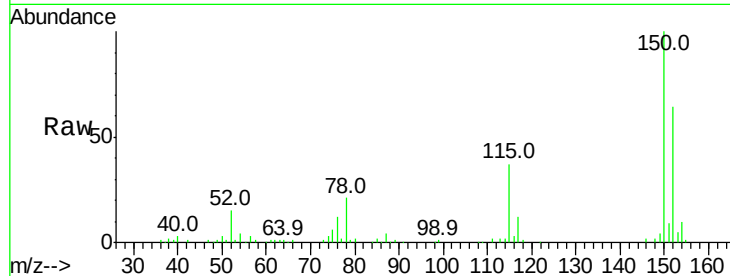


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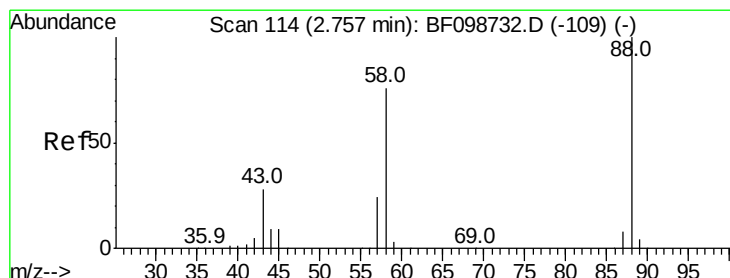
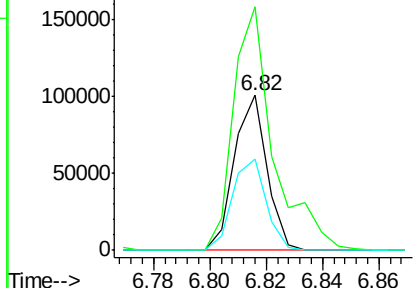
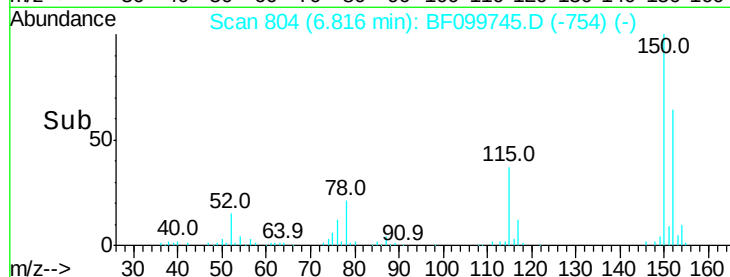
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 81269
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 58.8 50.1 75.1



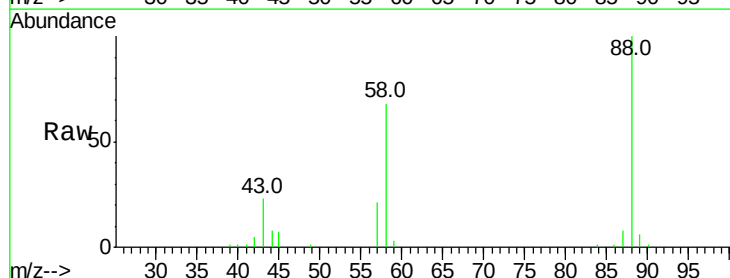
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



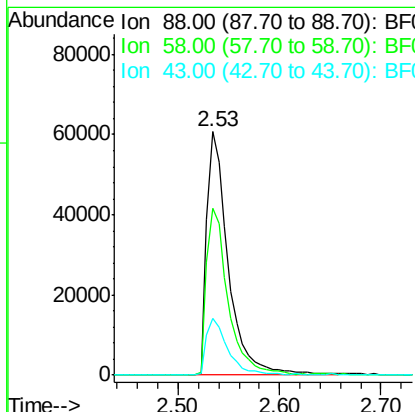
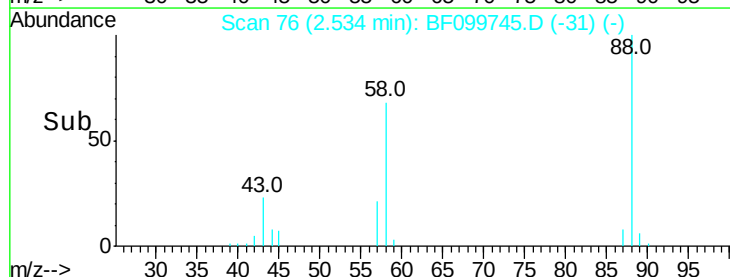
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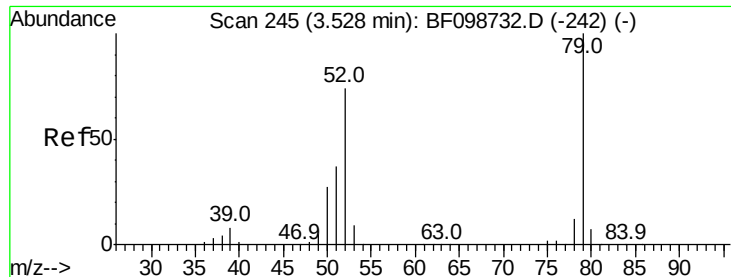
1,4-Dioxane
Concen: 36.663 ng
RT: 2.53 min Scan# 76
Delta R.T. -0.04 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion: 88 Resp: 89409
Ion Ratio Lower Upper
88 100
58 68.2 62.6 93.8
43 23.3 24.6 37.0#



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

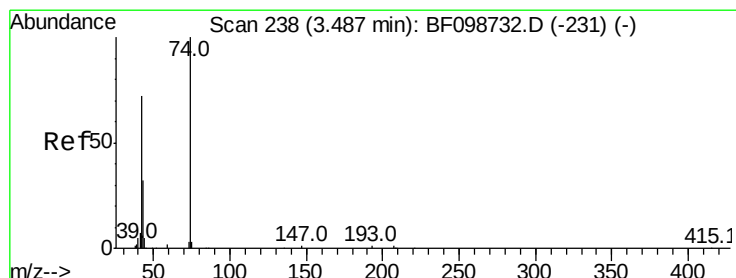
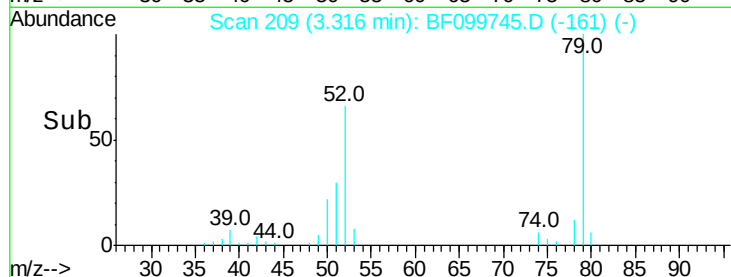
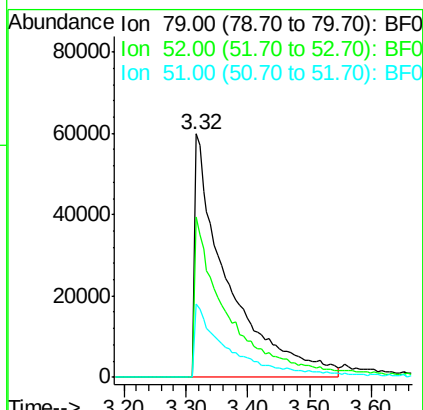
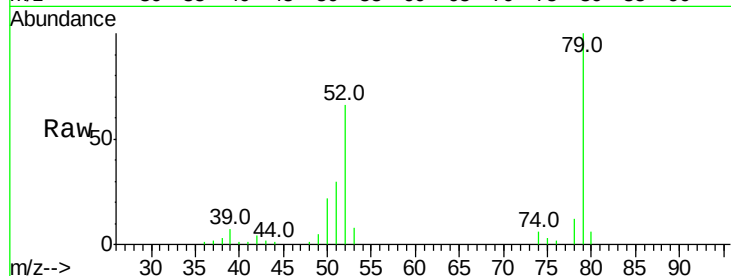




#3
 Pvridine
 Concen: 33.416 ng
 RT: 3.32 min Scan# 209
 Delta R.T. -0.02 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

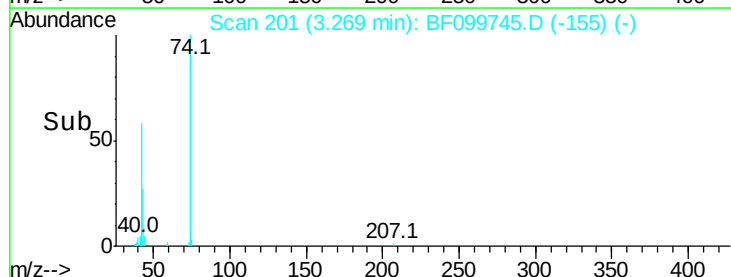
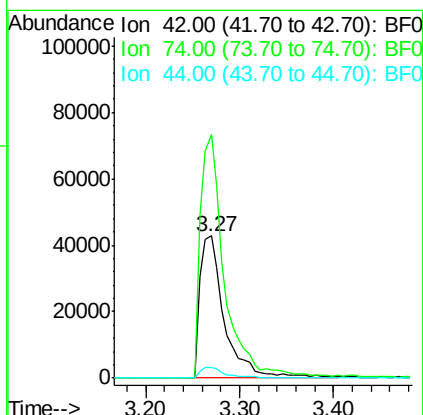
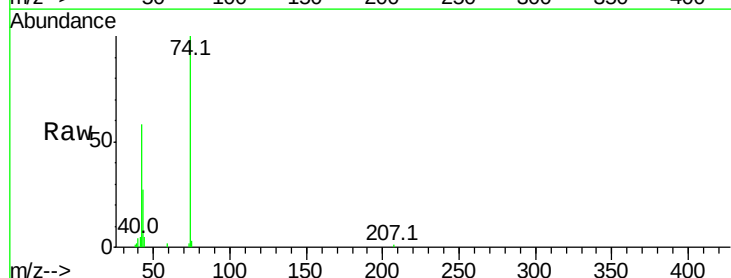
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

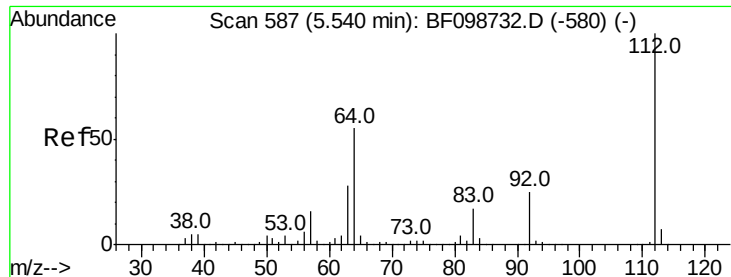
Tot Ion: 79 Resp: 220450
 Ion Ratio Lower Upper
 79 100
 52 65.9 59.8 89.6
 51 30.1 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 28.018 ng
 RT: 3.27 min Scan# 201
 Delta R.T. -0.03 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion: 42 Resp: 78379
 Ion Ratio Lower Upper
 42 100
 74 171.0 104.9 157.3#
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 82.257 ng

RT: 5.43 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

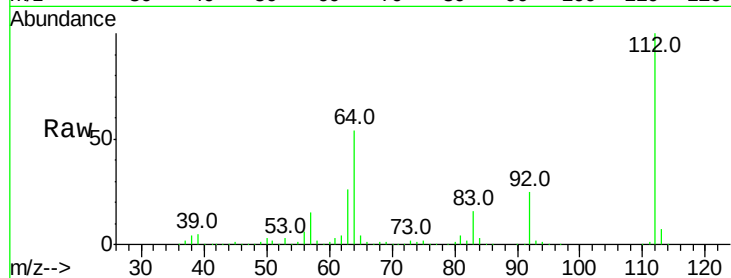
Tot Ion:112 Resp: 419936

Ion Ratio Lower Upper

112 100

64 53.5 47.9 71.9

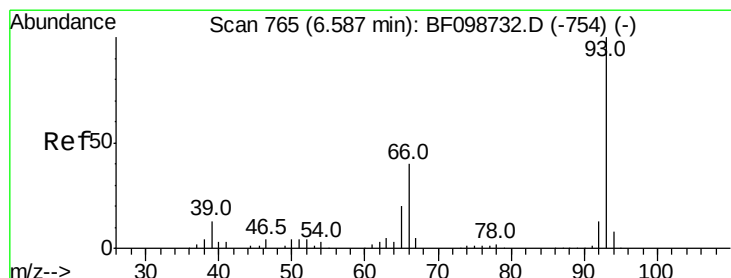
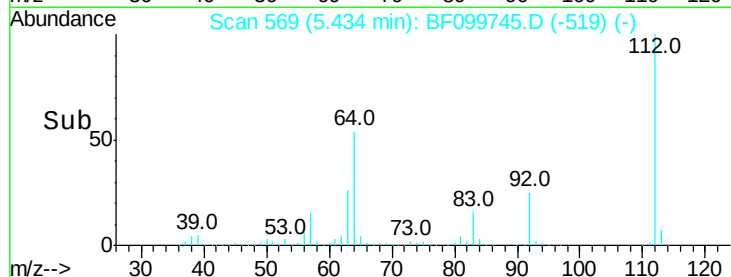
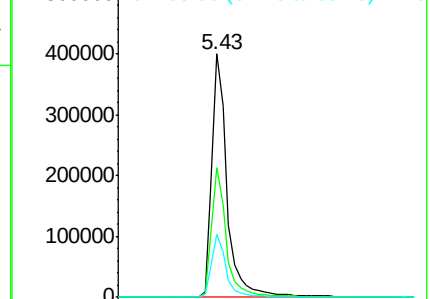
63 25.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.098 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

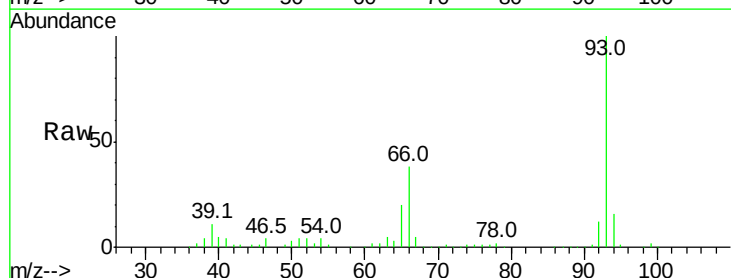
Tgt Ion: 93 Resp: 315324

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

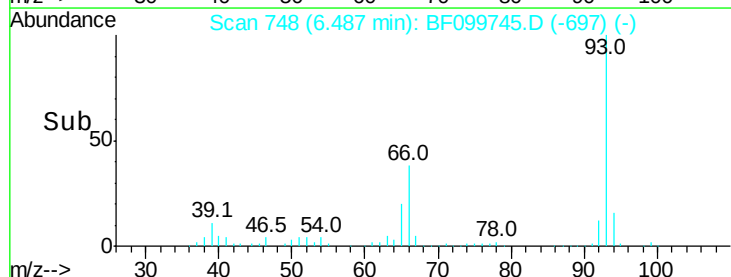
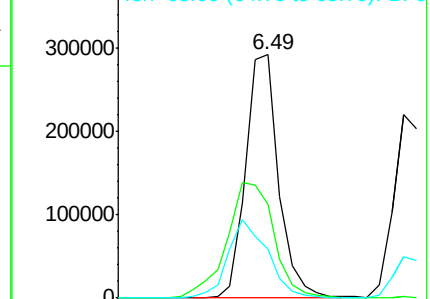
65 20.1 16.4 24.6

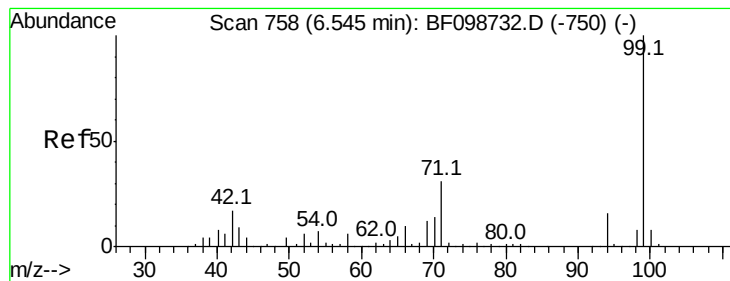


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.114 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

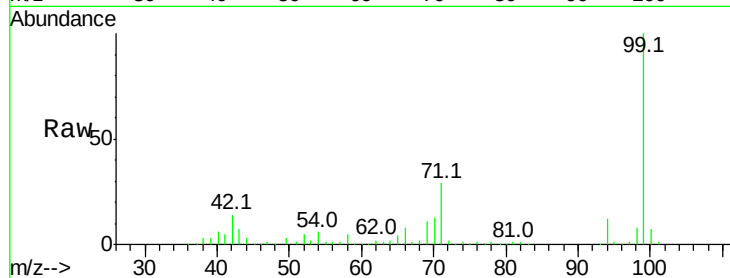
Tot Ion: 99 Resp: 498245

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

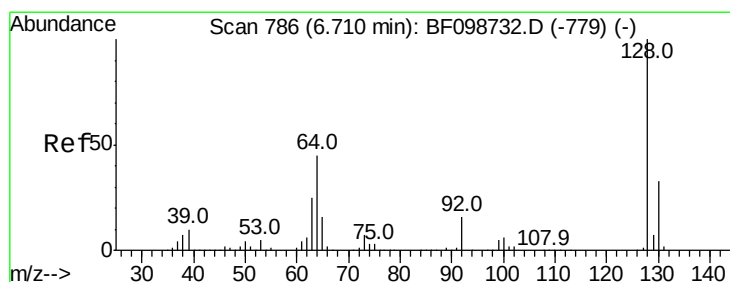
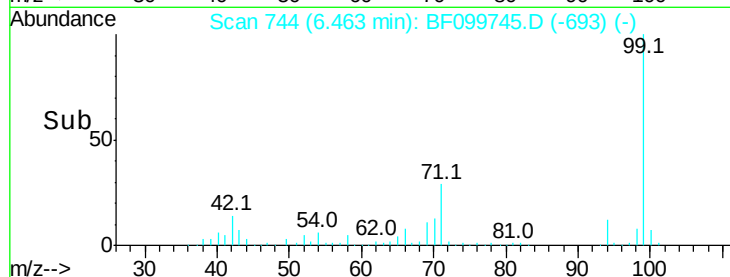
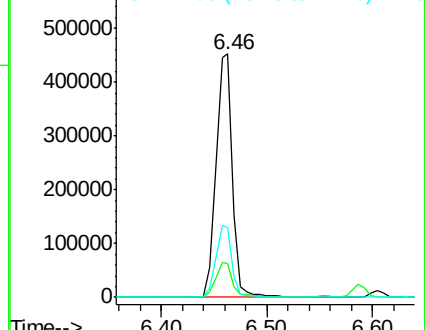
71 28.8 25.4 38.0



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: 40.894 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

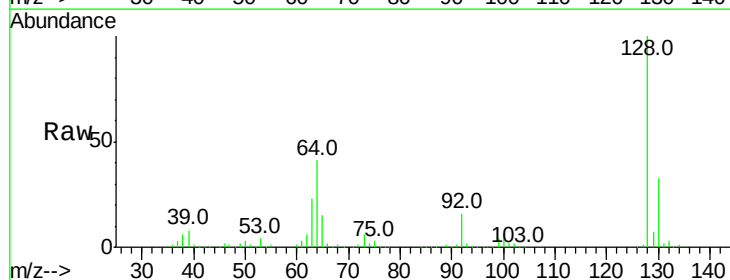
Tgt Ion:128 Resp: 236423

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

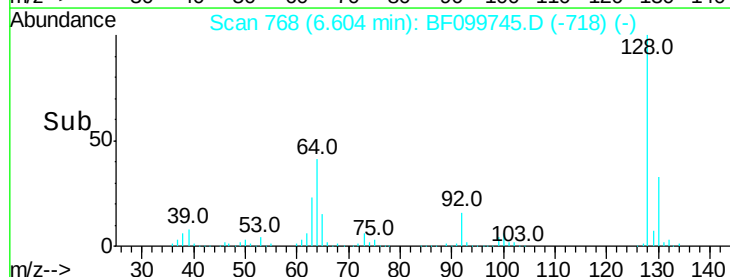
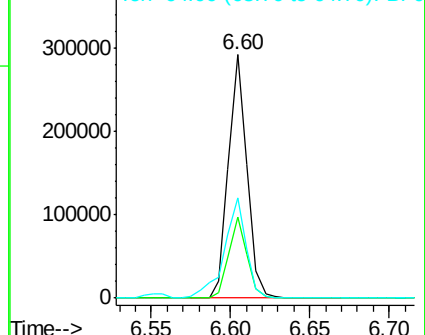
64 41.4 29.4 69.4

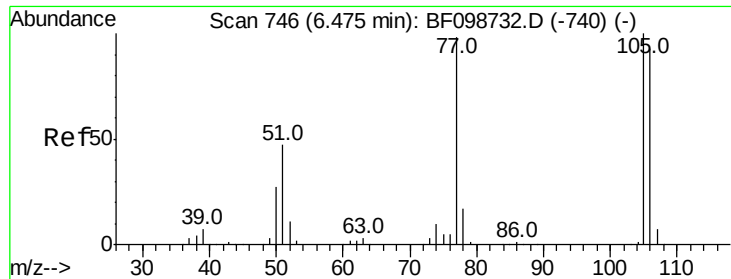


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.912 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

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ClientSampleId :

SSTDCCC040

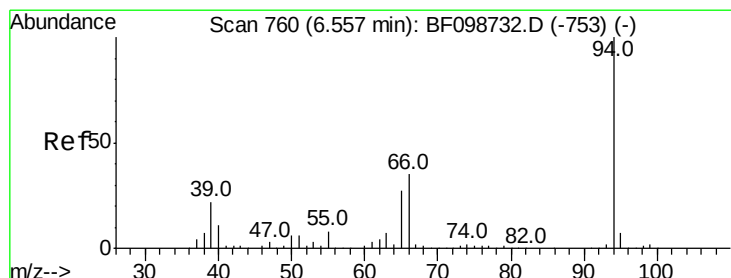
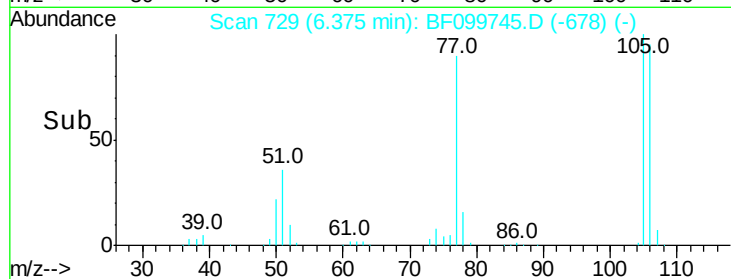
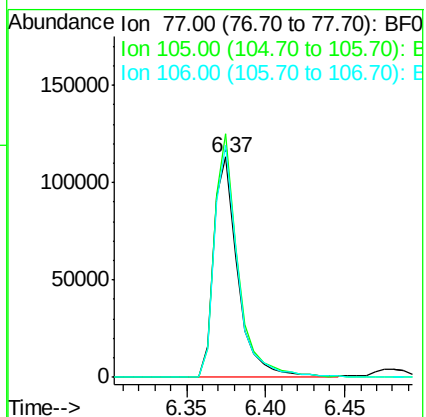
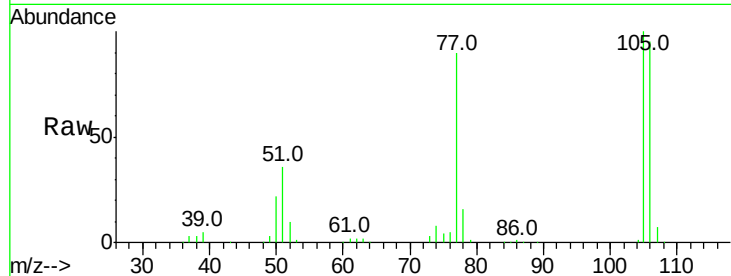
Tot Ion: 77 Resp: 120234

Ion Ratio Lower Upper

77 100

105 110.5 81.1 121.1

106 105.2 74.5 114.5



#10

Phenol

Concen: 41.205 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

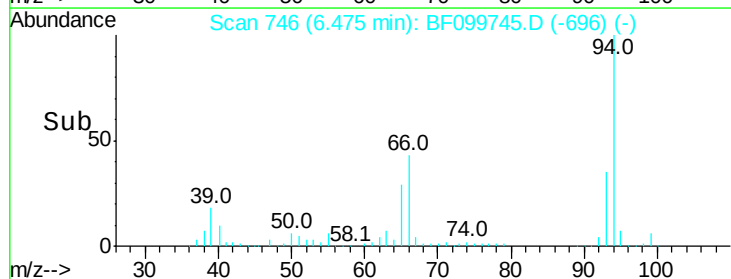
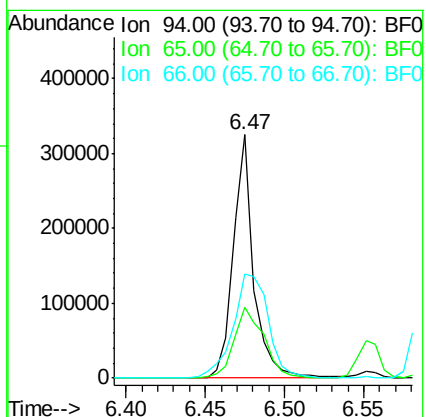
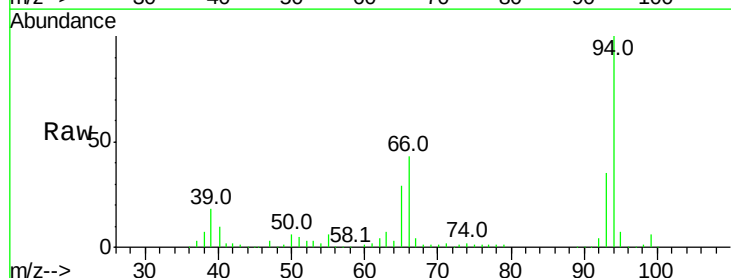
Tgt Ion: 94 Resp: 290223

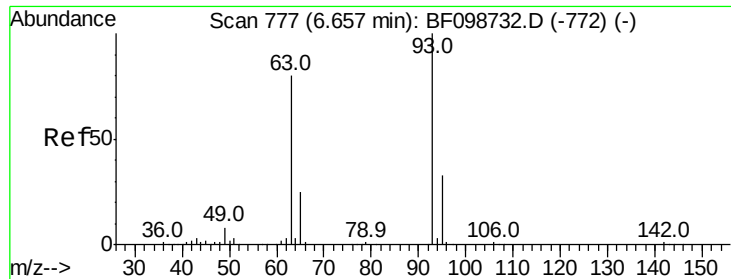
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 42.8 16.2 56.2

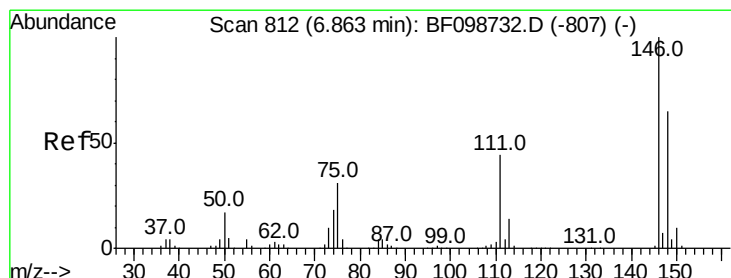
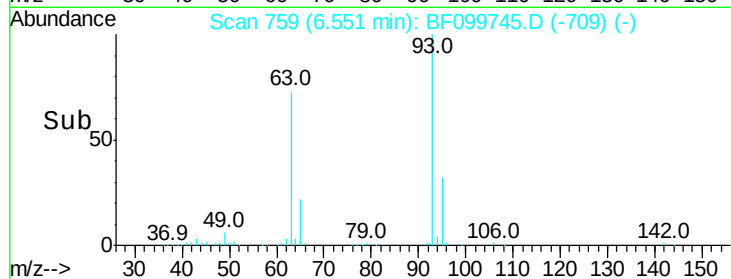
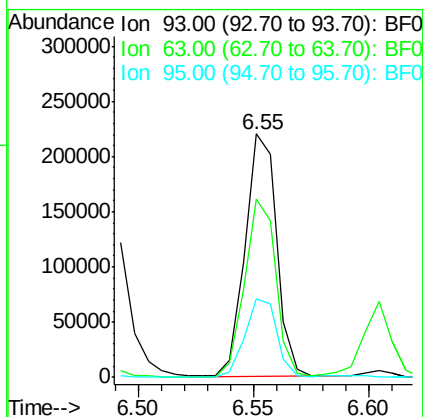
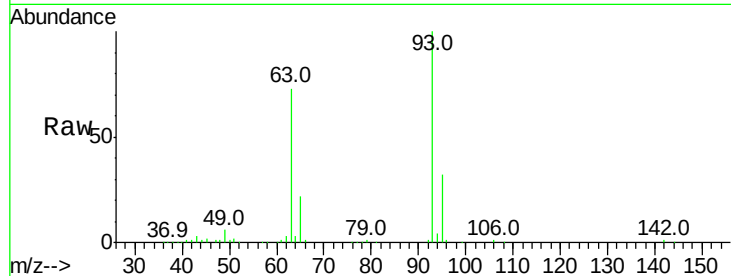




#11
bis(2-Chloroethyl)ether
Concen: 38.257 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

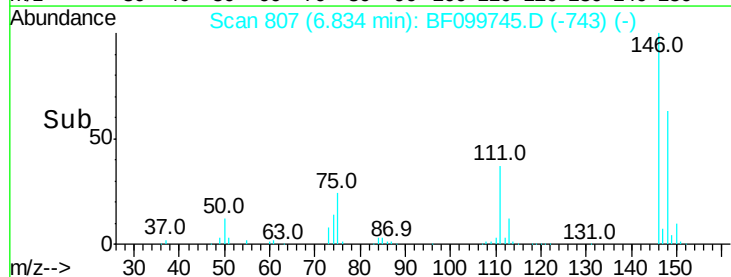
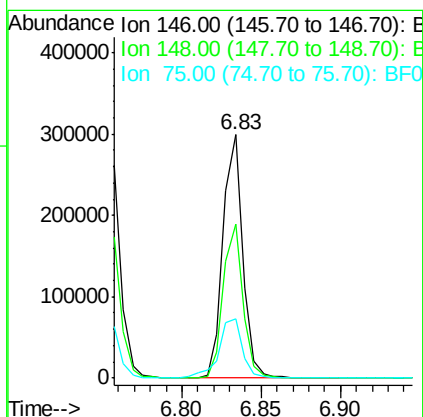
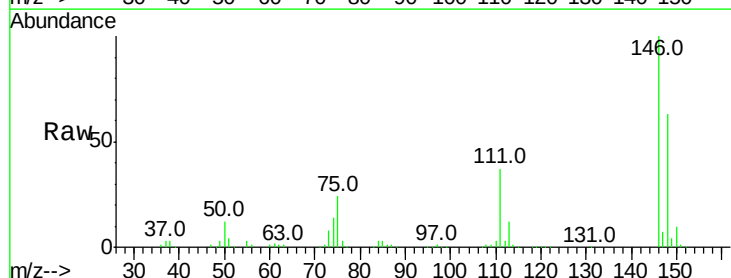
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

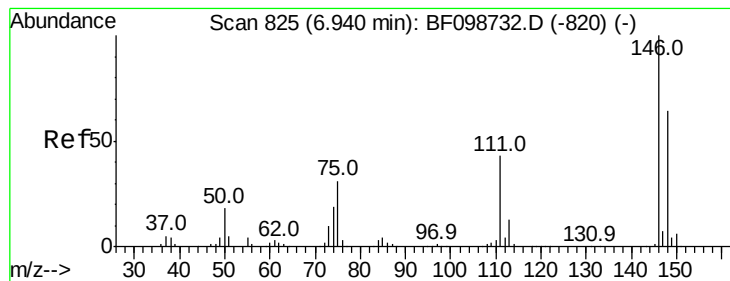
Tot Ion:	93	Resp:	209479
Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.6	98.6
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 42.637 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.08 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:	146	Resp:	258153
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
75	24.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.906 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

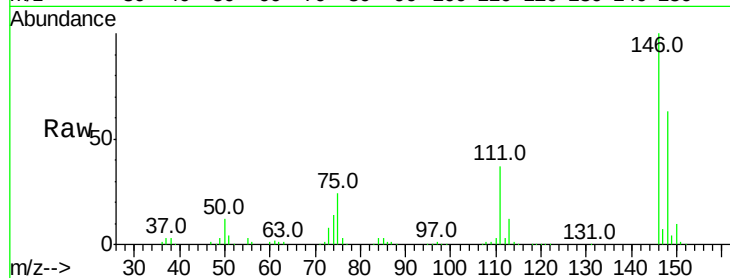
Tot Ion:146 Resp: 258153

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

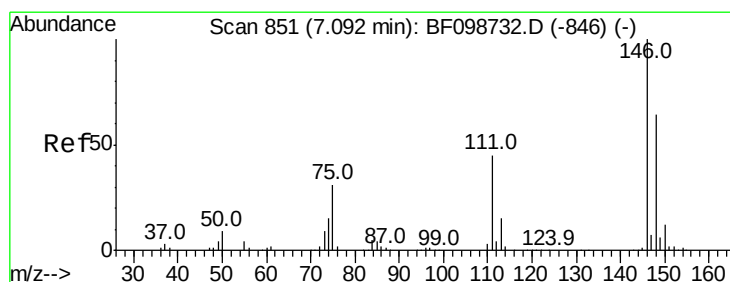
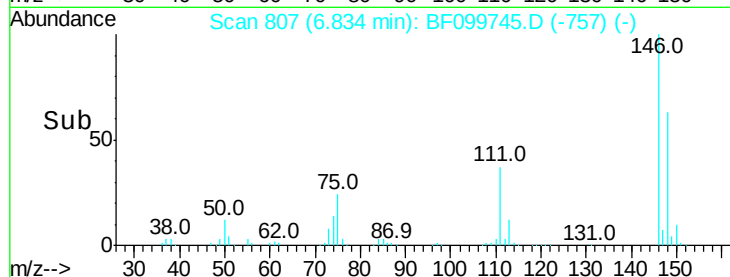
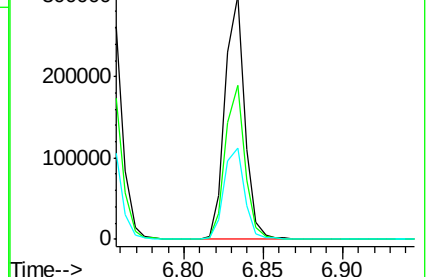
111 37.5 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.476 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

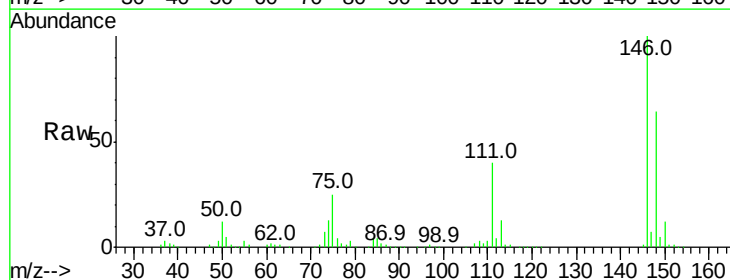
Tgt Ion:146 Resp: 236085

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

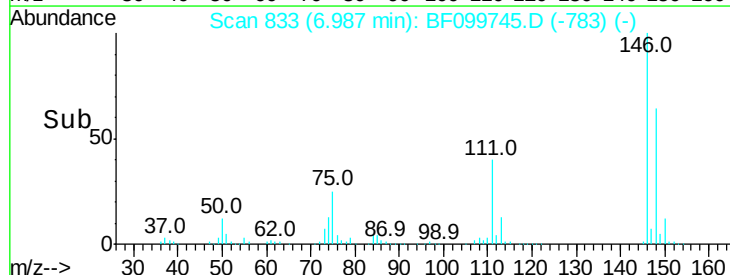
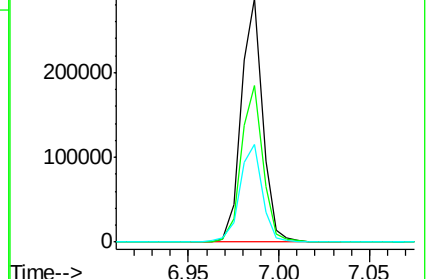
111 40.3 36.0 54.0

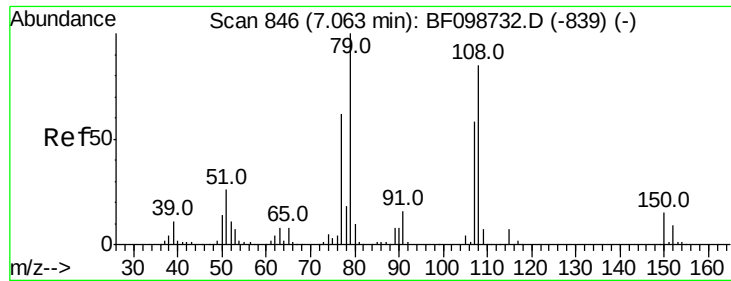


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.155 ng

RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

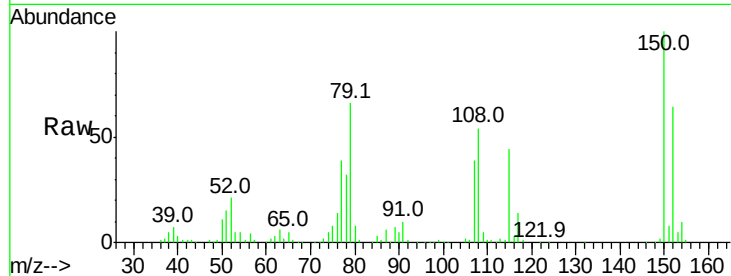
Tot Ion: 79 Resp: 153179

Ion Ratio Lower Upper

79 100

108 82.2 65.1 97.7

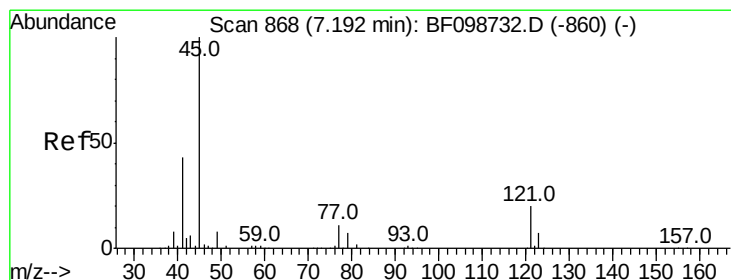
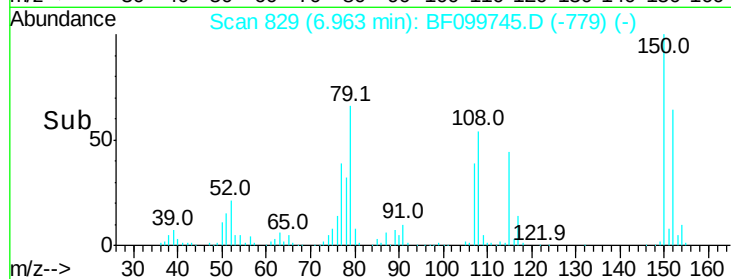
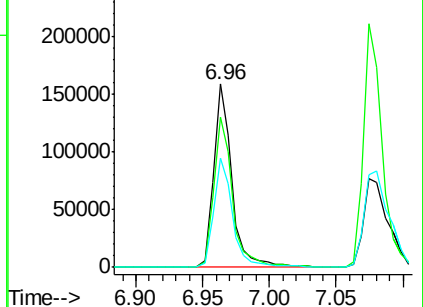
77 59.3 50.6 75.8



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: 30.616 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

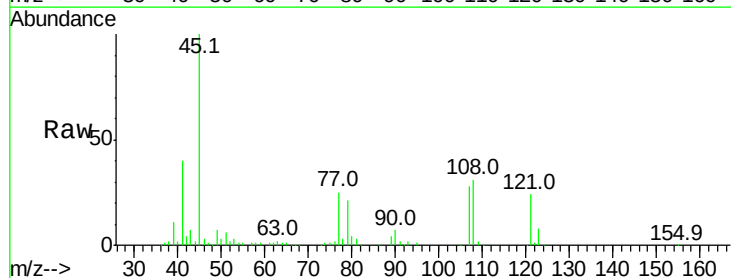
Tgt Ion: 45 Resp: 261183

Ion Ratio Lower Upper

45 100

77 24.8 0.0 32.9

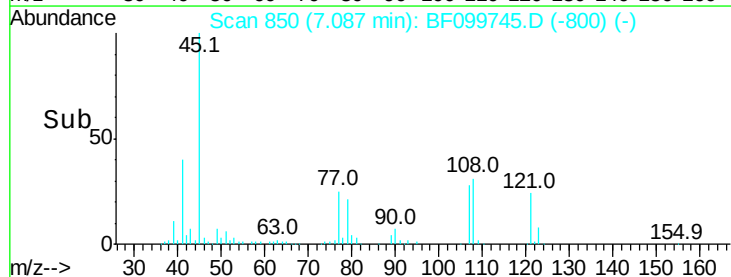
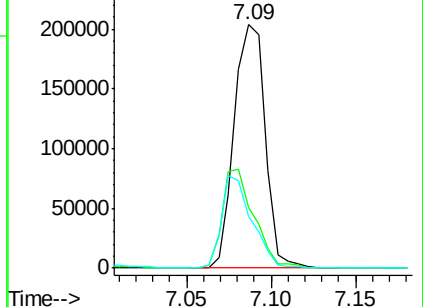
79 21.0 0.0 29.6

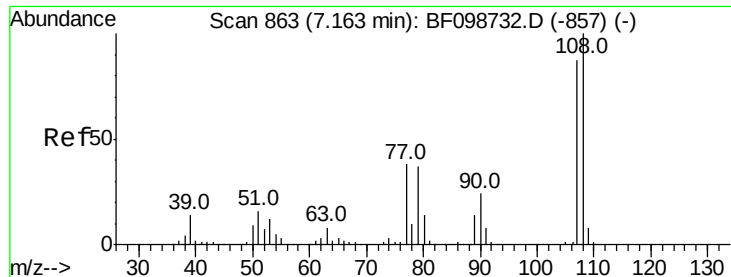


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

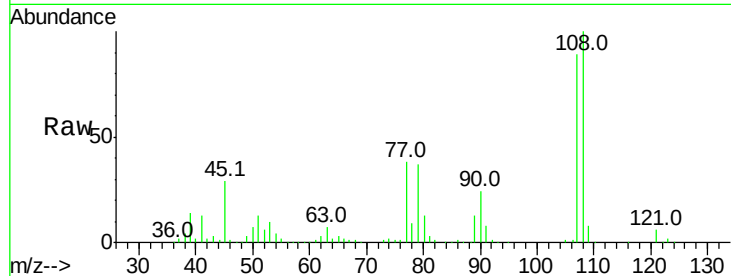




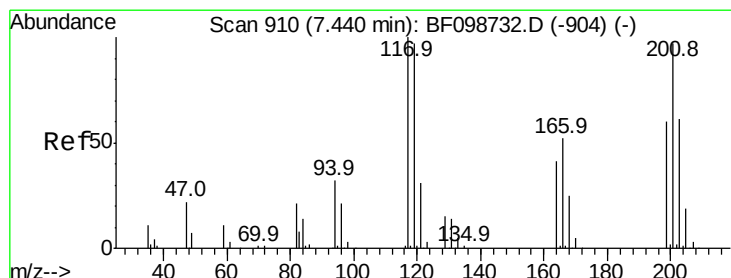
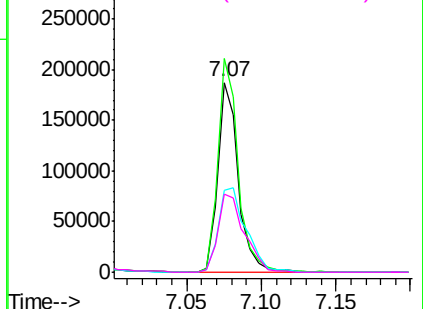
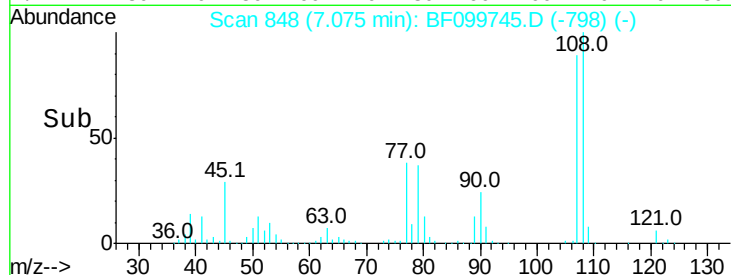
#17
2-Methylphenol
Concen: 38.221 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 180804
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 42.8 33.8 50.8
79 41.2 33.8 50.8

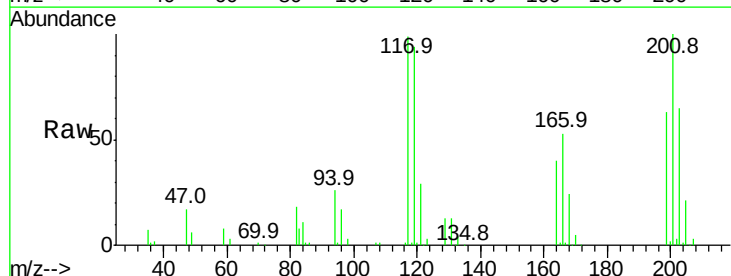


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

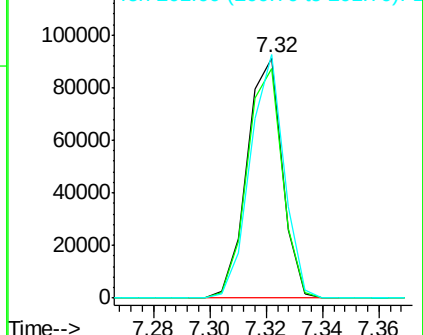
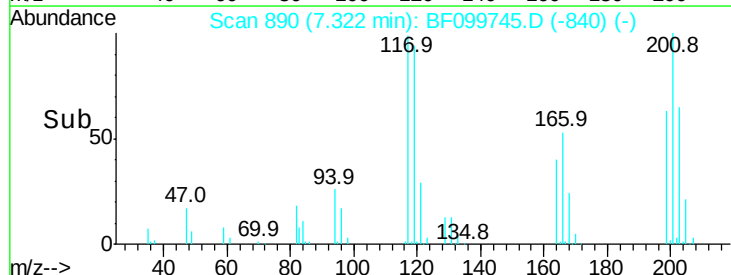


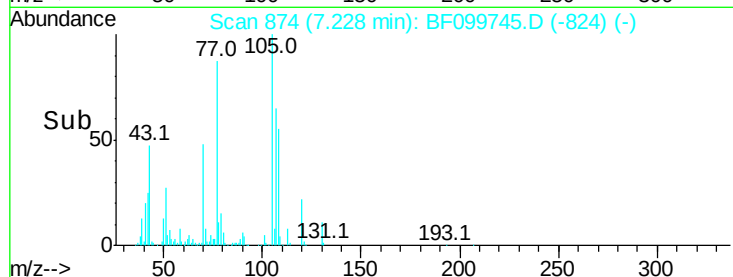
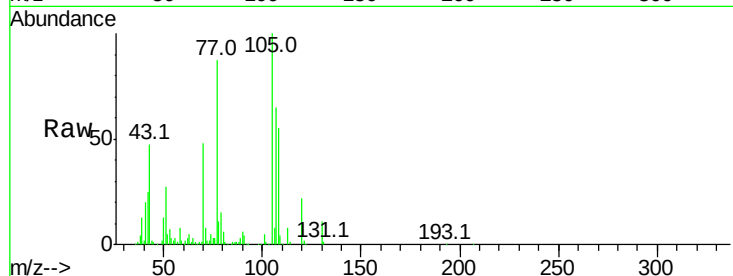
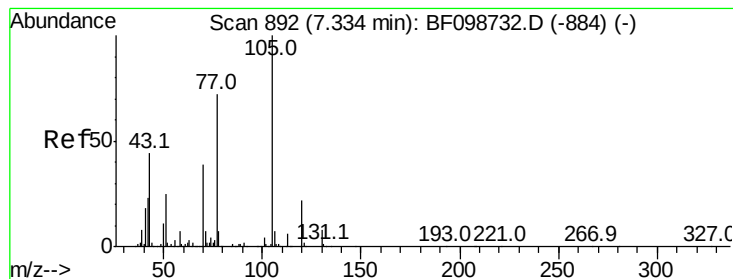
#18
Hexachloroethane
Concen: 35.582 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:117 Resp: 78788
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8
201 101.4 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: 33.856 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 136132

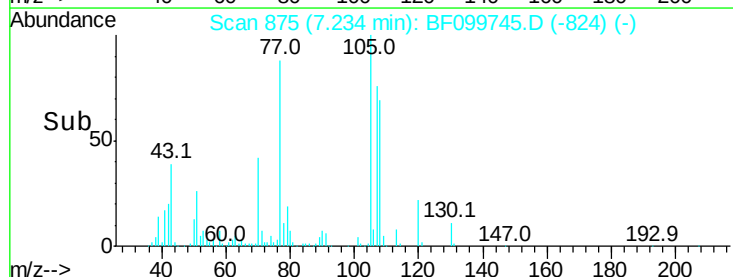
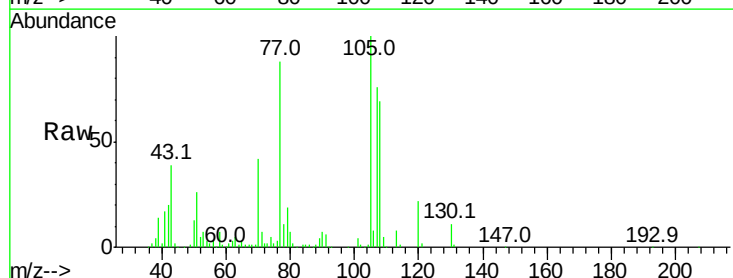
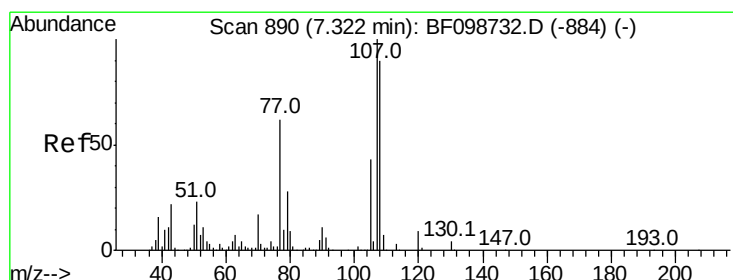
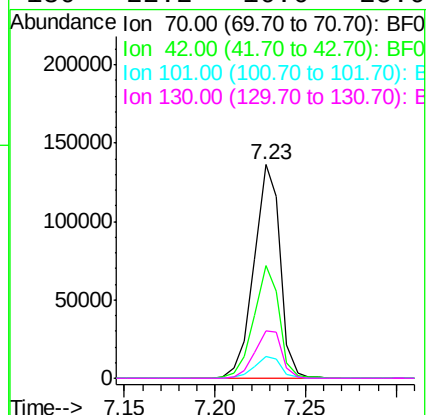
Ion Ratio Lower Upper

70 100

42 52.7 47.5 71.3

101 10.0 7.4 11.2

130 22.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.517 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Tgt Ion:107 Resp: 224514

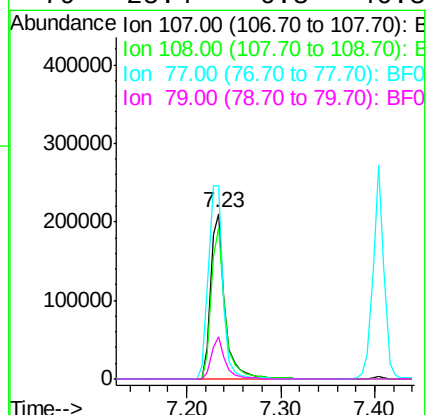
Ion Ratio Lower Upper

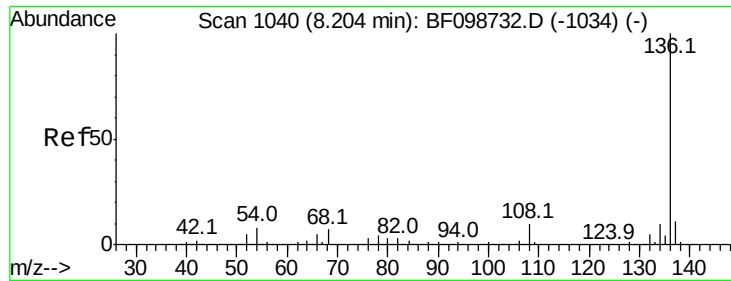
107 100

108 90.9 68.2 108.2

77 116.5 26.7 66.7#

79 25.4 6.3 46.3

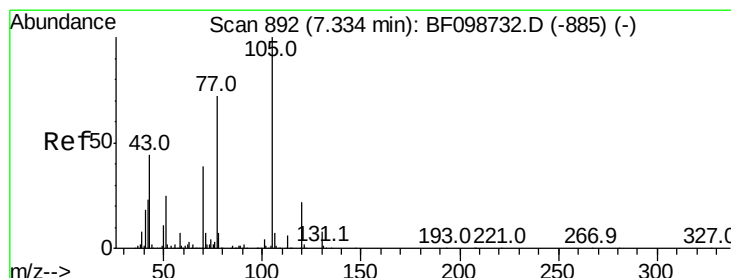
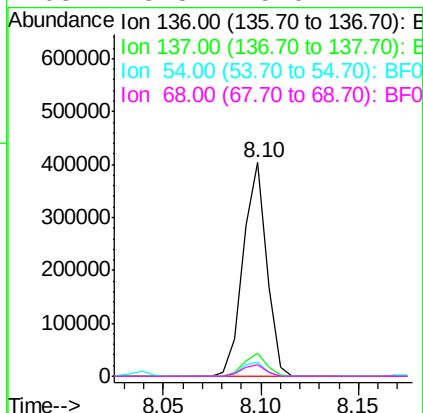
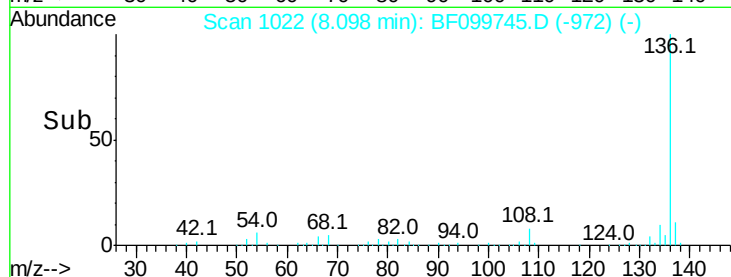
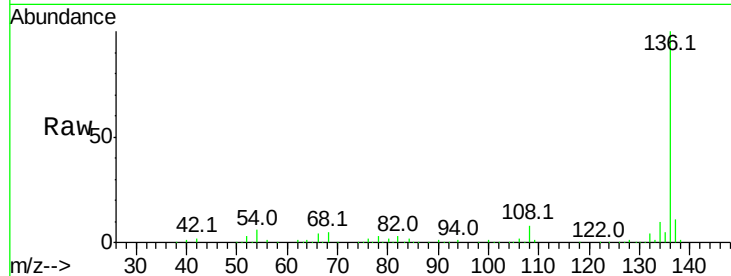




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

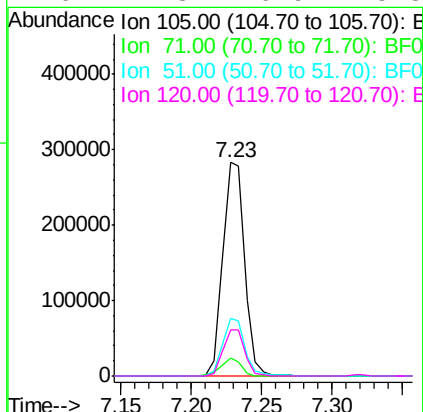
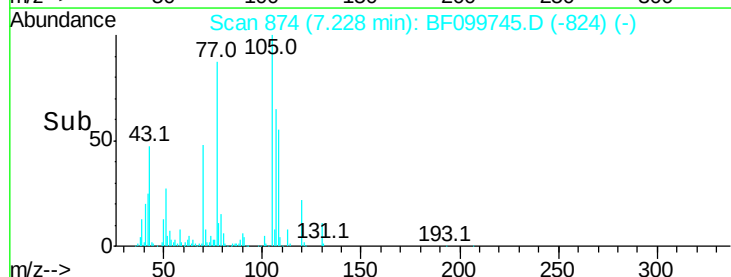
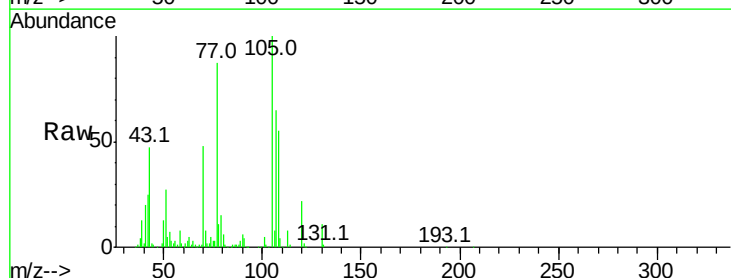
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

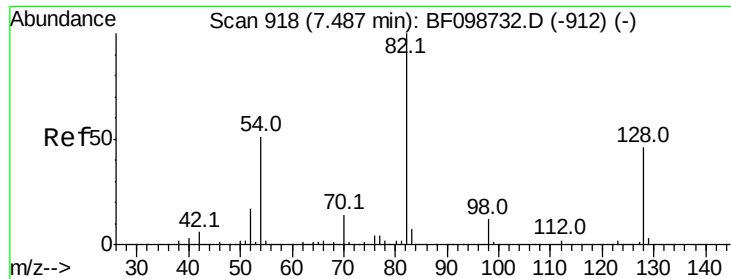
Tot Ion:	136	Resp:	335985
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	6.6	9.8#
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 37.133 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:	105	Resp:	302274
Ion	Ratio	Lower	Upper
105	100		
71	8.2	4.4	6.6#
51	27.2	22.3	33.5
120	21.8	16.9	25.3

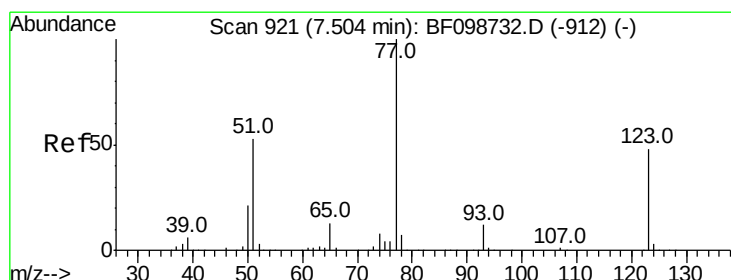
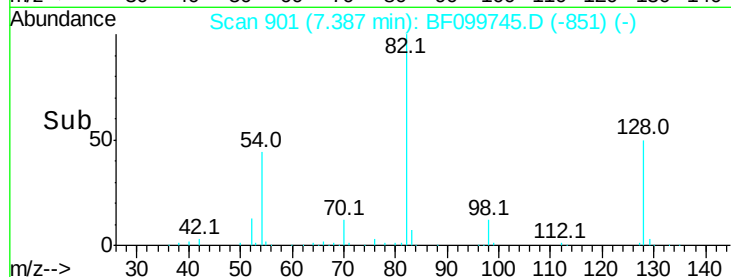
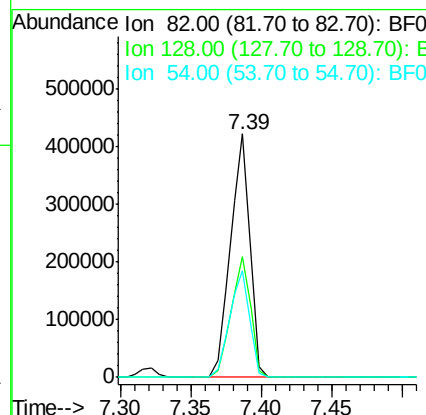
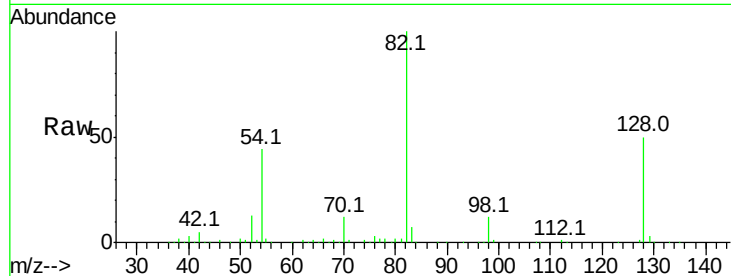




#23
 Nitrobenzene-d5
 Concen: 76.354 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

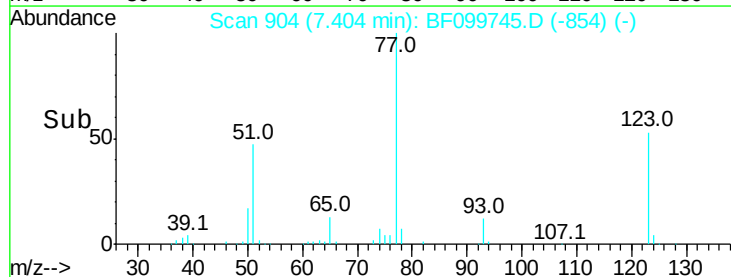
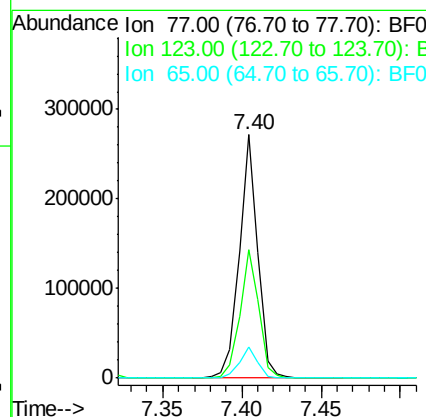
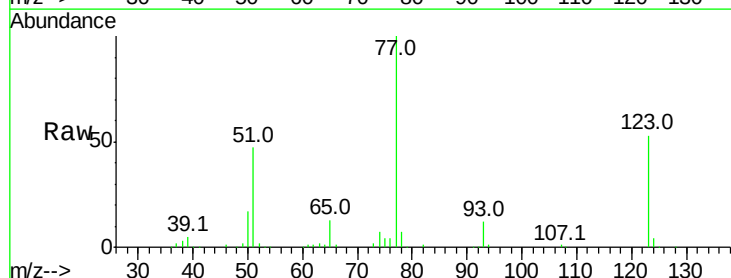
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

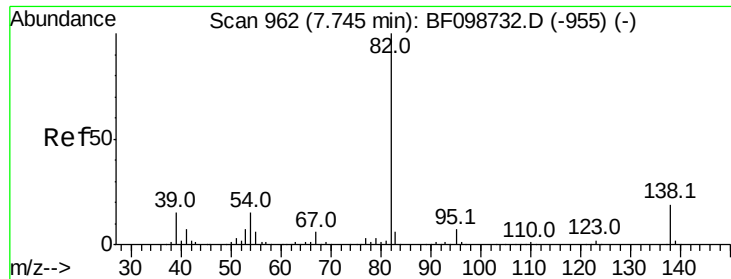
Tot Ion: 82 Resp: 400027
 Ion Ratio Lower Upper
 82 100
 128 49.7 36.1 54.1
 54 44.1 41.4 62.2



#24
 Nitrobenzene
 Concen: 36.874 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion: 77 Resp: 219145
 Ion Ratio Lower Upper
 77 100
 123 53.0 37.9 56.9
 65 12.7 11.0 16.4





#25

Isophorone

Concen: 35.765 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

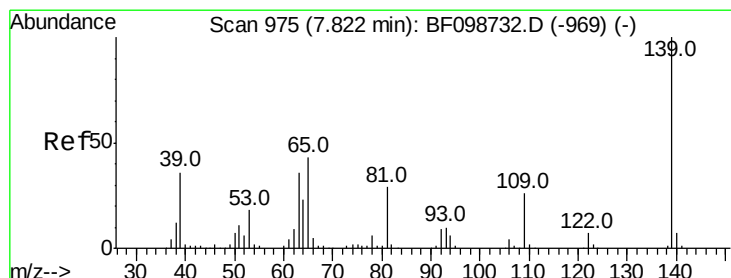
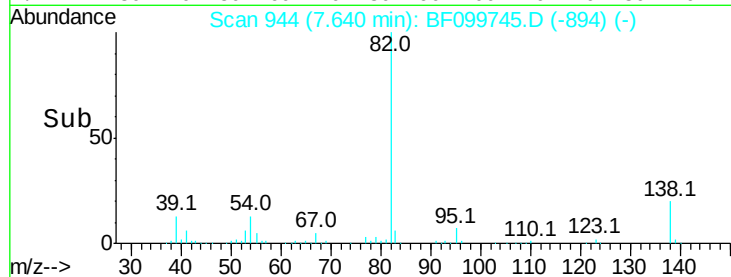
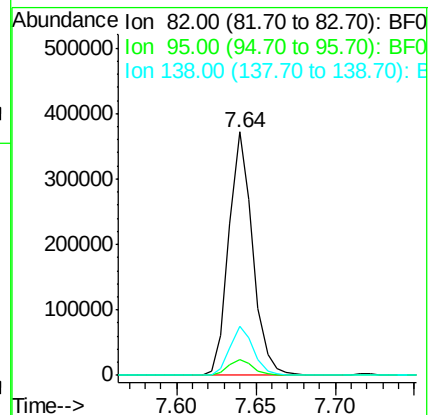
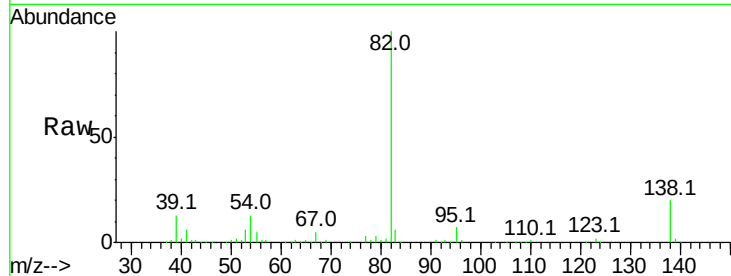
Tot Ion: 82 Resp: 387406

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 20.4 14.9 22.3



#26

2-Nitrophenol

Concen: 44.187 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

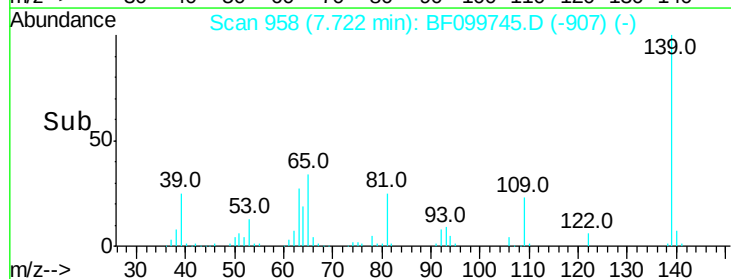
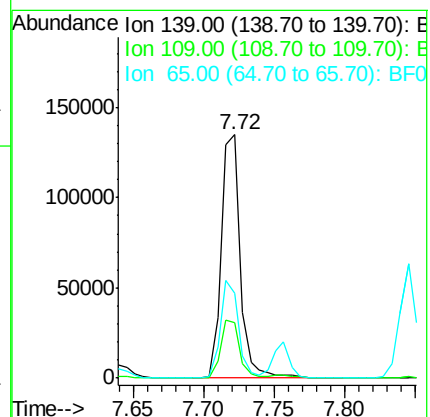
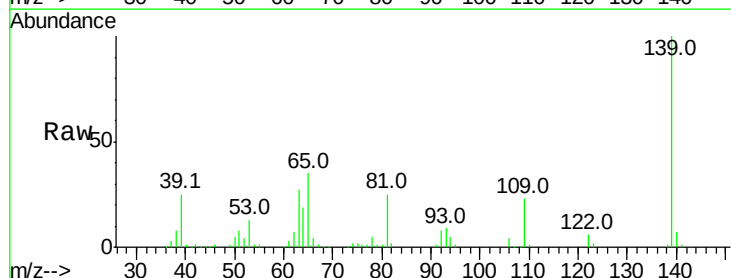
Tgt Ion: 139 Resp: 126281

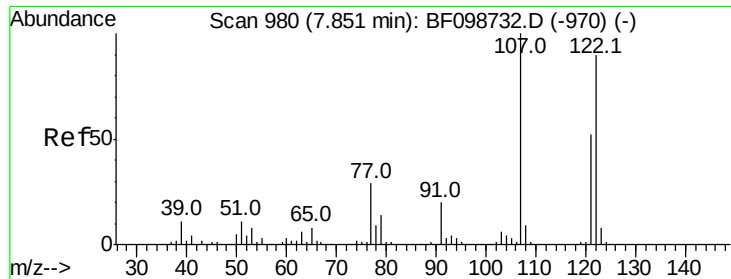
Ion Ratio Lower Upper

139 100

109 22.8 22.7 34.1

65 34.9 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 37.352 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

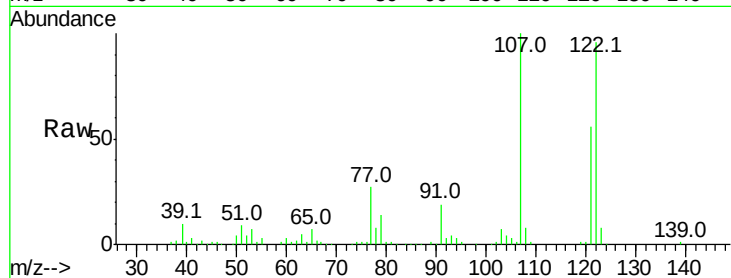
Tot Ion:122 Resp: 201595

Ion Ratio Lower Upper

122 100

107 104.6 91.2 136.8

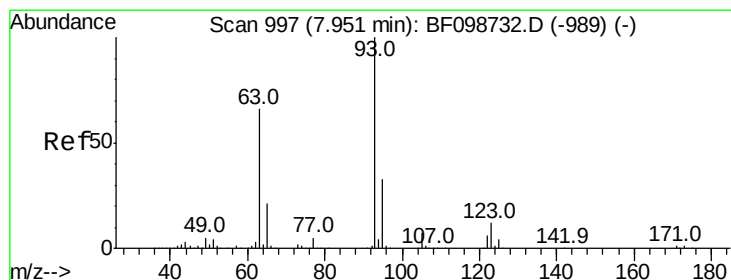
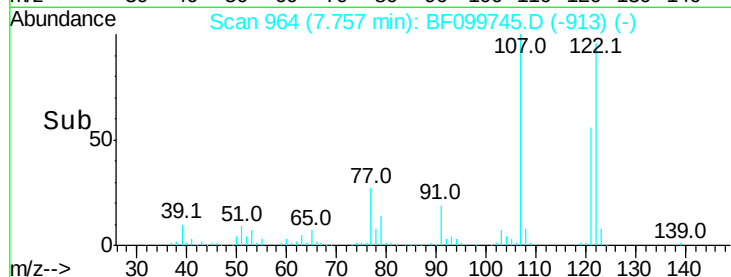
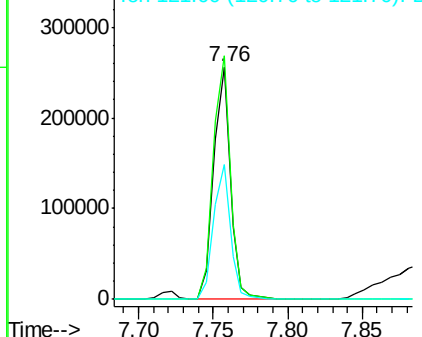
121 58.2 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.381 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

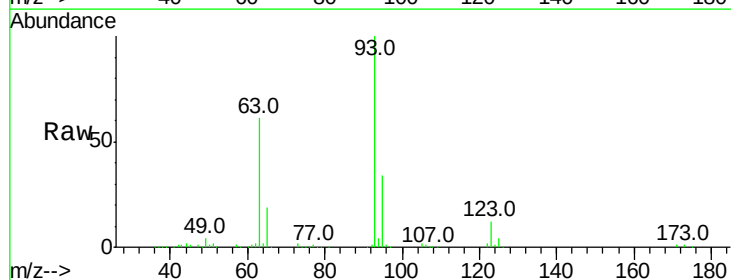
Tgt Ion: 93 Resp: 259083

Ion Ratio Lower Upper

93 100

95 33.6 26.3 39.5

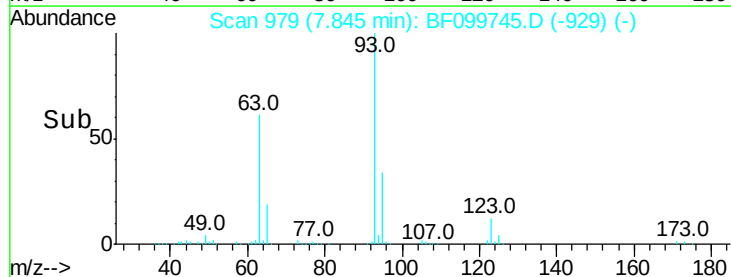
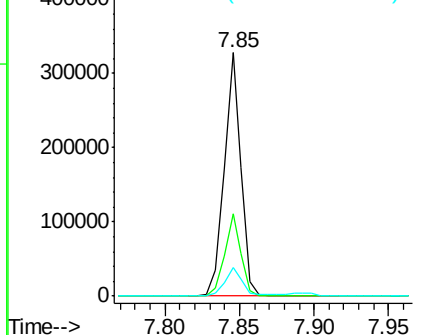
123 11.9 9.8 14.6

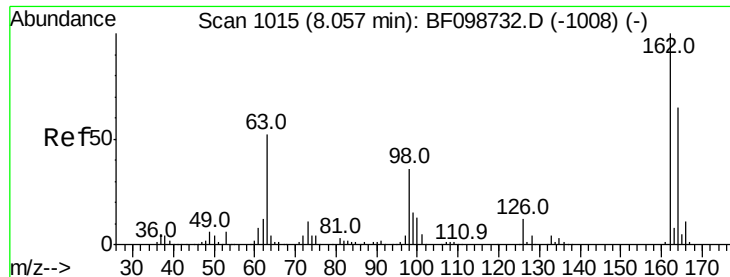


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

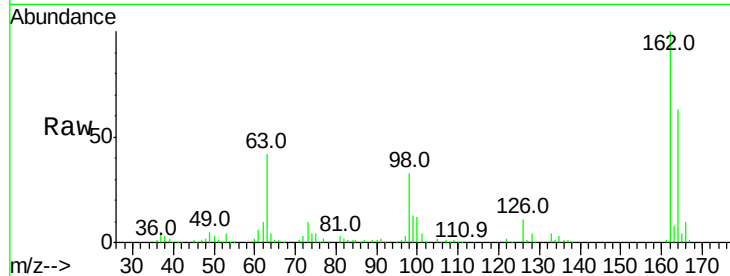




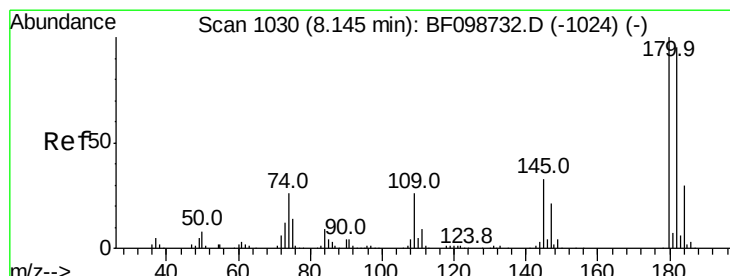
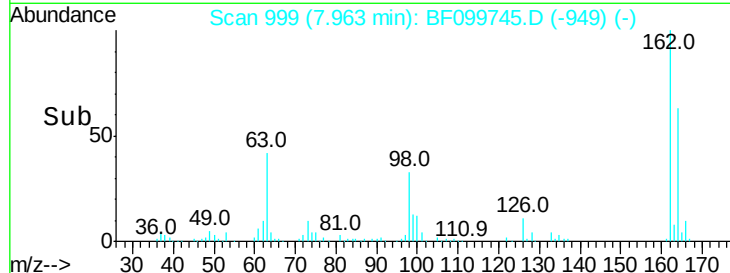
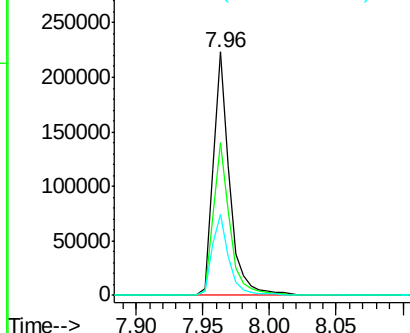
#29
 2,4-Dichlorophenol
 Concen: 41.762 ng
 RT: 7.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	33.2	18.1	58.1

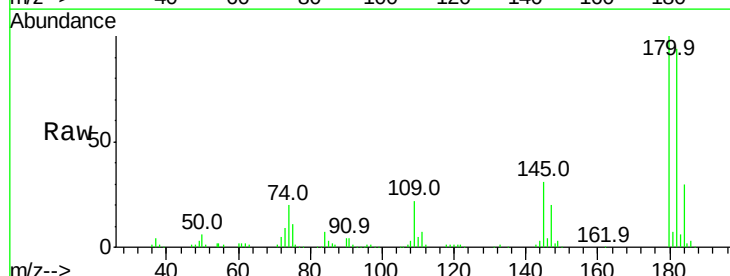


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

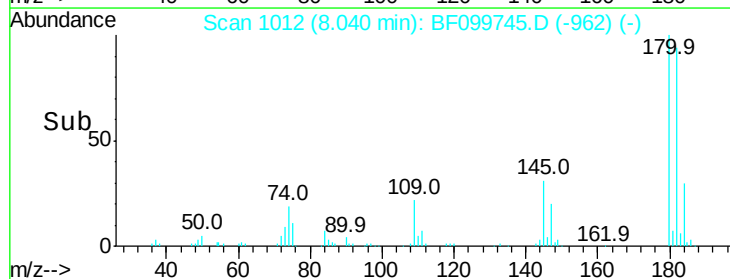
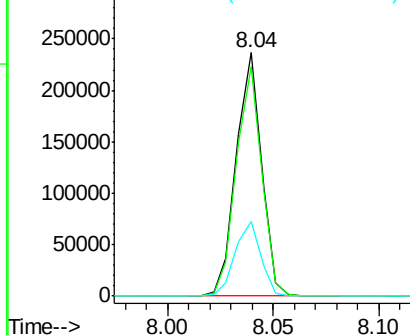


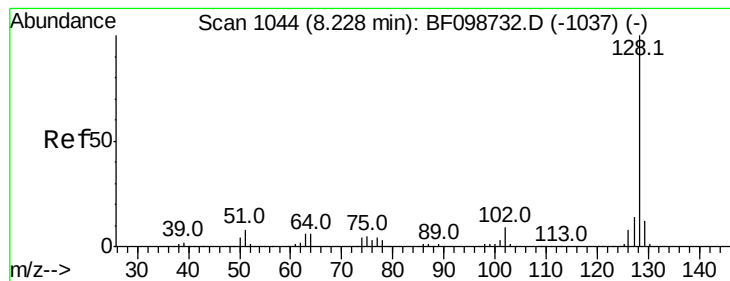
#30
 1,2,4-Trichlorobenzene
 Concen: 42.149 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	30.9	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: 40.114 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

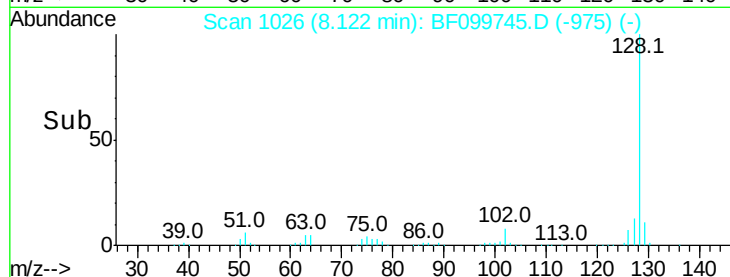
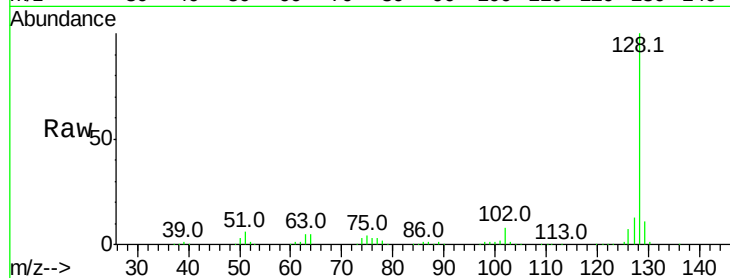
Tot Ion:128 Resp: 632994

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

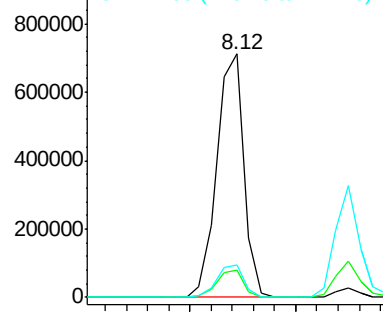
127 13.2 10.9 16.3



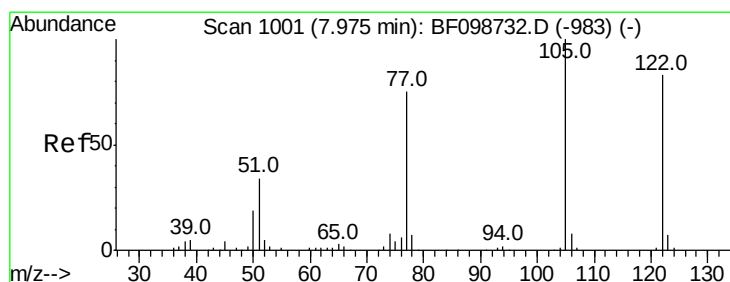
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#32

Benzoic acid

Concen: 28.790 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

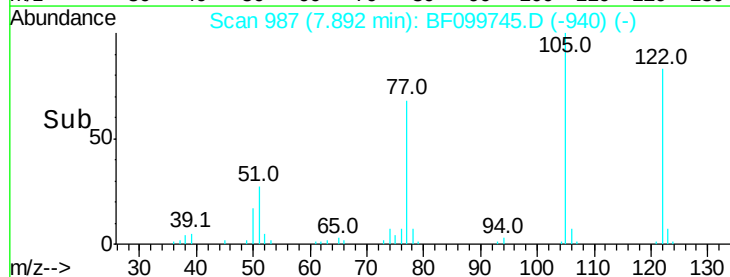
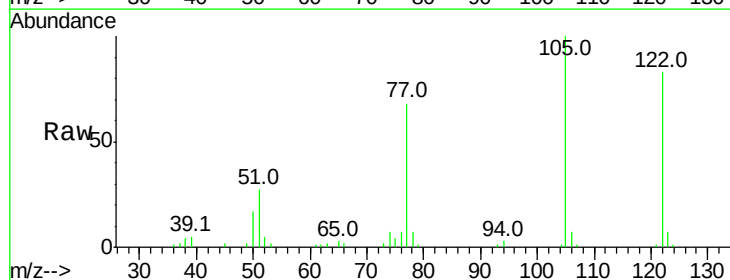
Tgt Ion:122 Resp: 127636

Ion Ratio Lower Upper

122 100

105 120.2 101.1 141.1

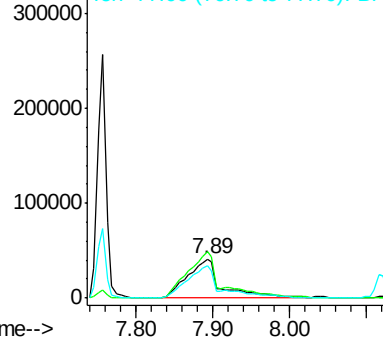
77 81.9 70.7 110.7



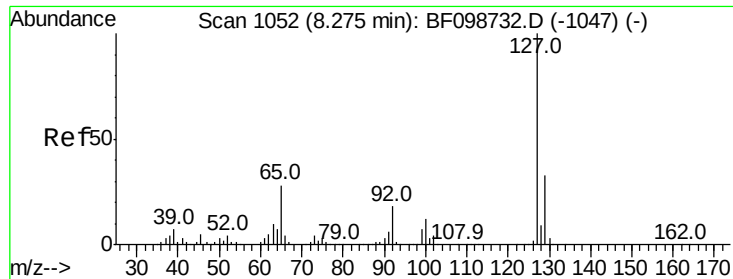
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



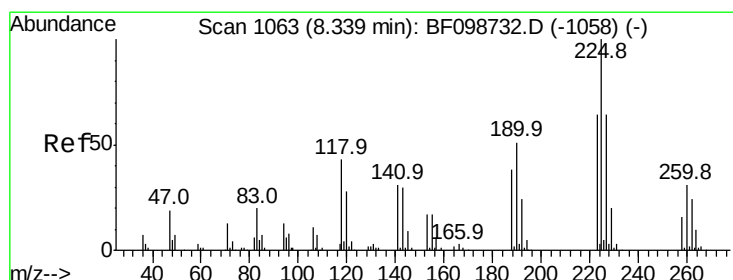
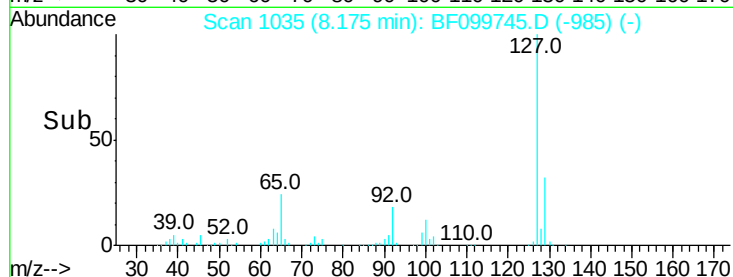
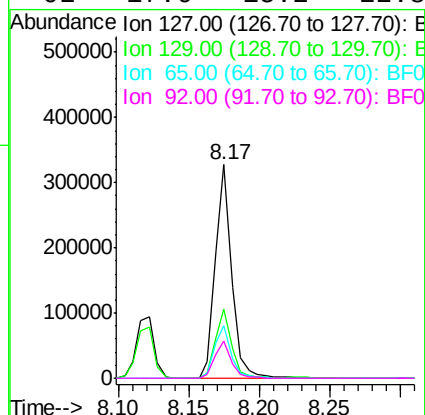
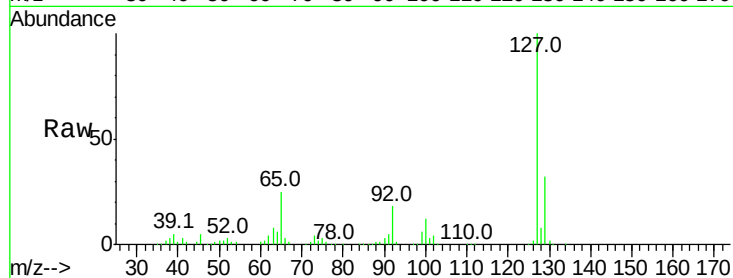
Time-->



#33
4-Chloroaniline
Concen: 40.317 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

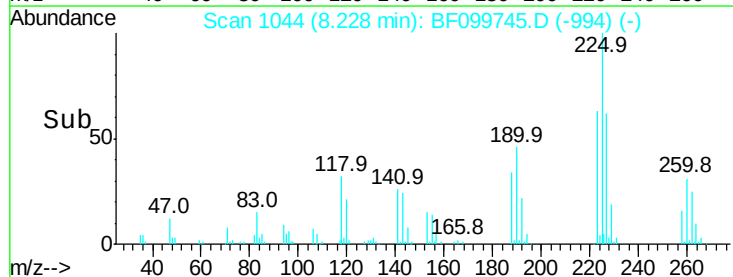
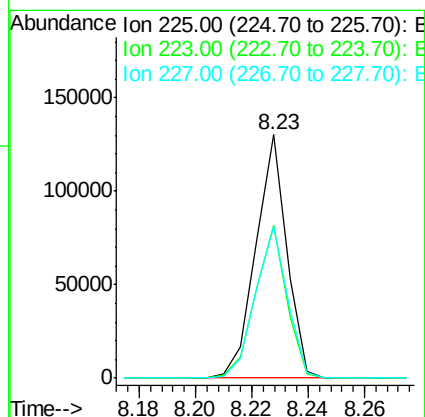
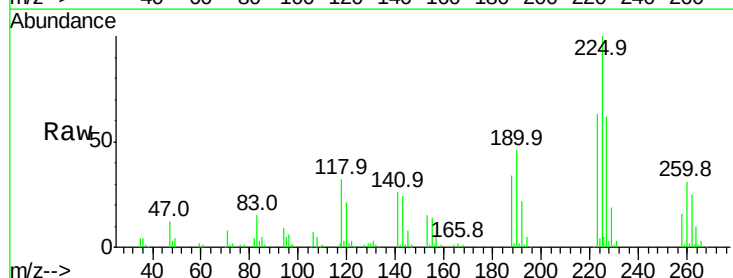
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

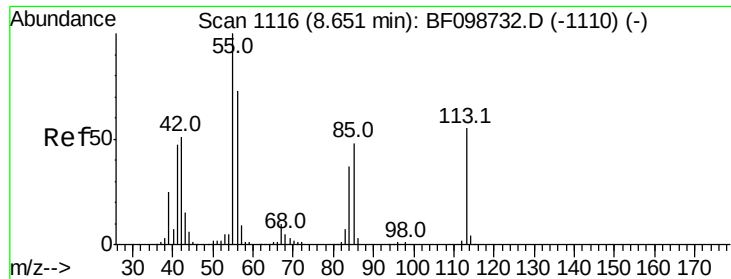
Tot Ion:	127	Resp:	265675
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	24.8	25.0	37.4
92	17.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.540 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:	225	Resp:	99163
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.2	51.9	77.9





#35

Caprolactam

Concen: 38.766 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

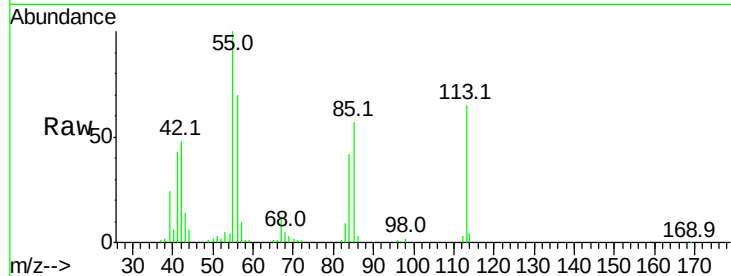
Tot Ion:113 Resp: 57623

Ion Ratio Lower Upper

113 100

55 153.3 163.3 203.3#

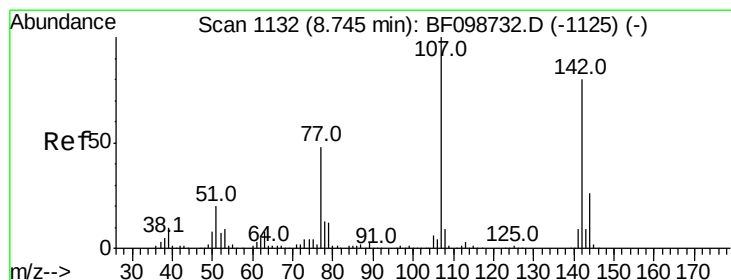
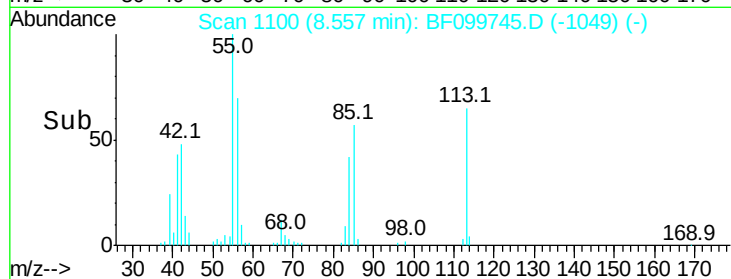
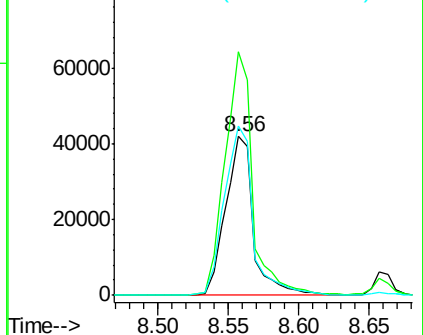
56 106.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.996 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

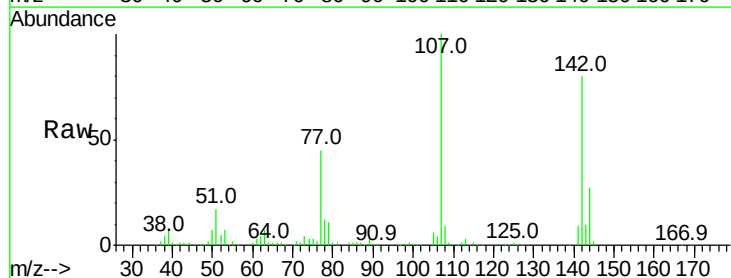
Tgt Ion:107 Resp: 197898

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

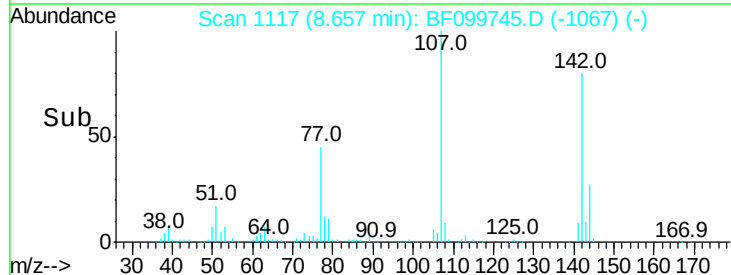
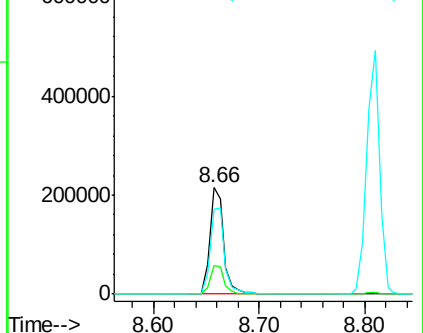
142 79.9 62.0 93.0

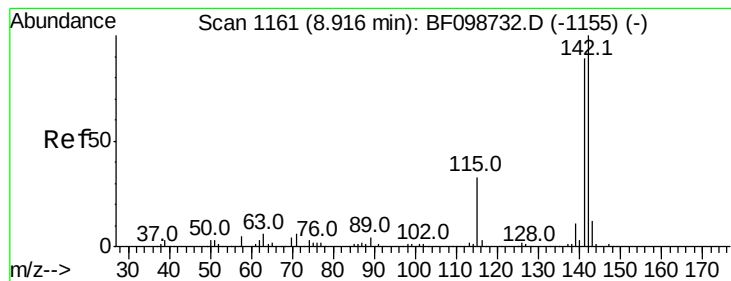


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.050 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

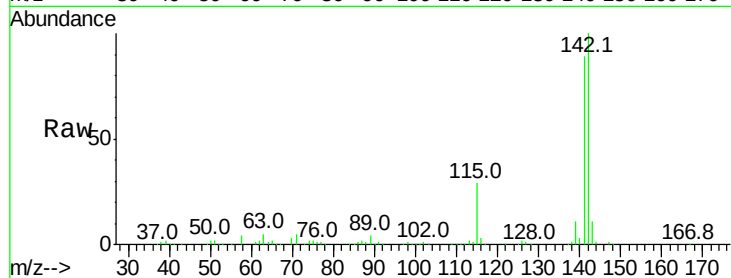
Tot Ion:142 Resp: 410843

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

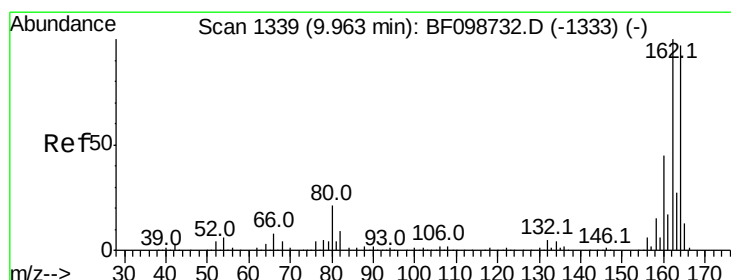
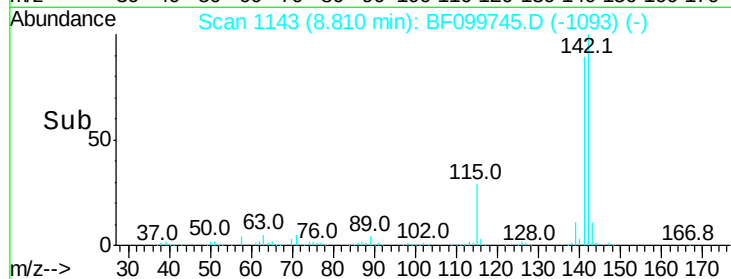
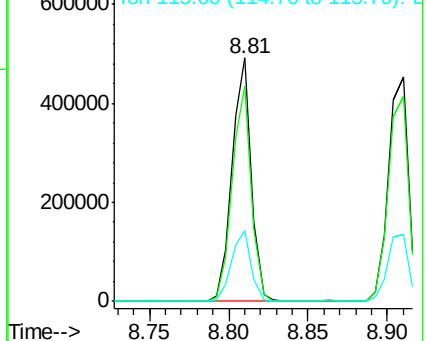
115 28.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

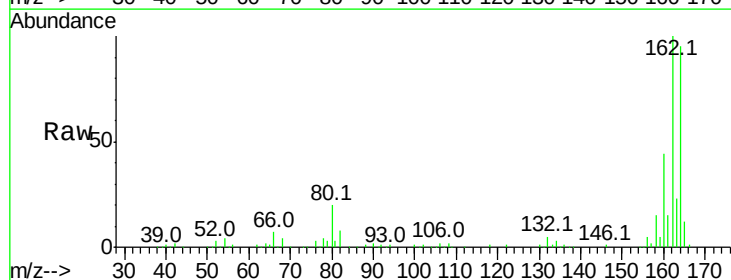
Tgt Ion:164 Resp: 149561

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

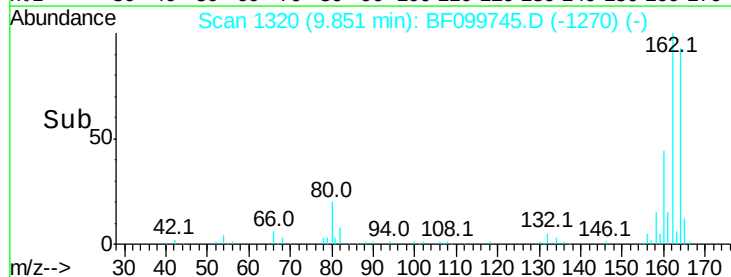
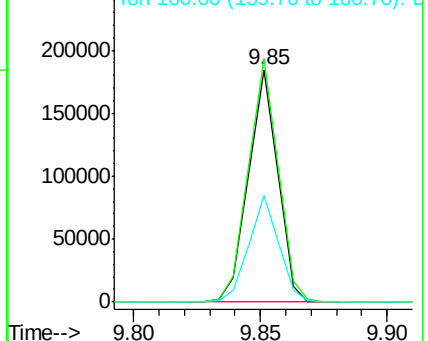
160 45.7 38.3 57.5

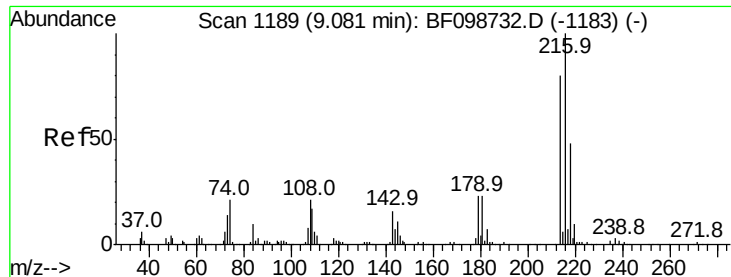


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

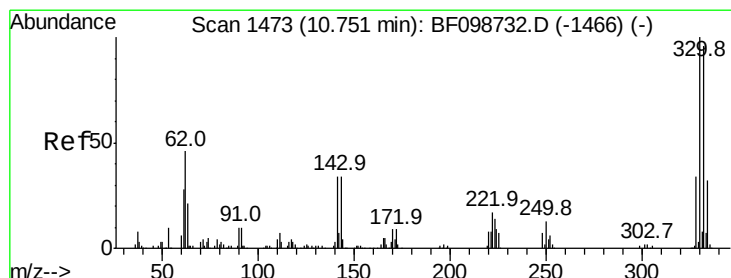
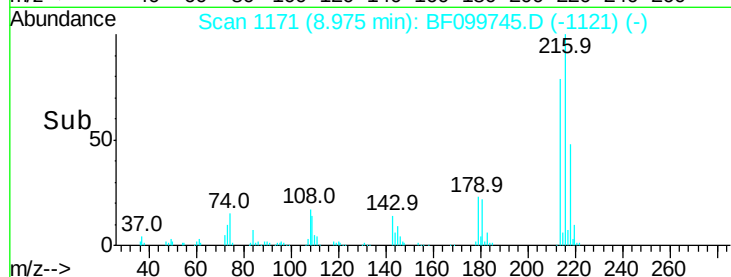
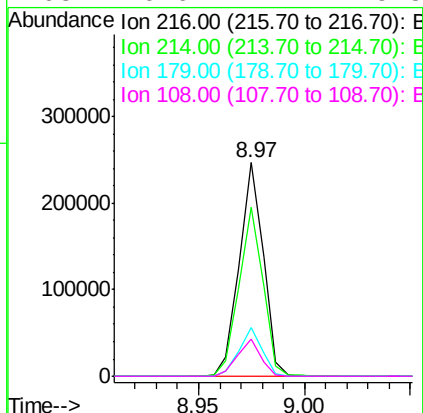
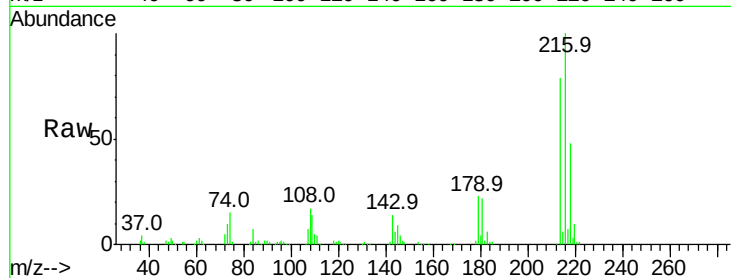




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.529 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

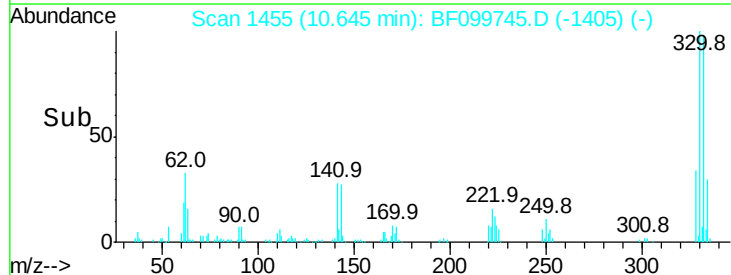
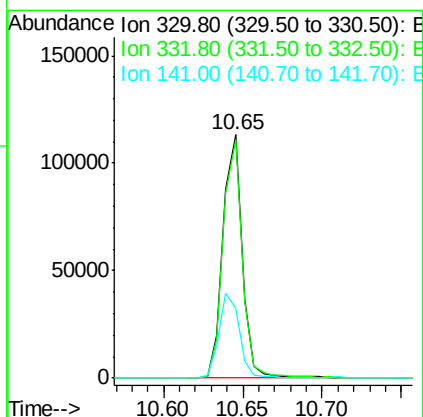
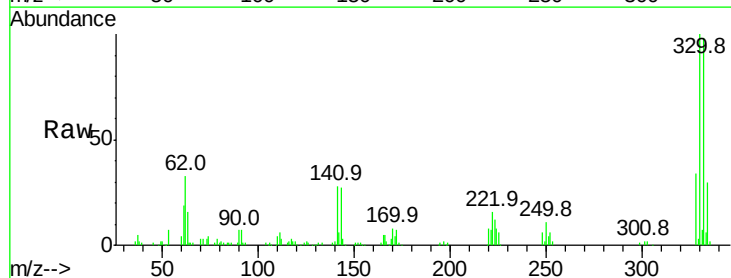
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

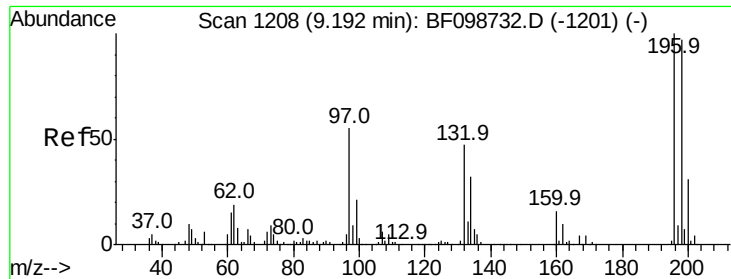
Tot Ion:	216	Resp:	194155
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.0	94.4
179	21.9	18.1	27.1
108	16.6	17.2	25.8#



#41
 2,4,6-Tribromophenol
 Concen: 78.581 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion:	330	Resp:	96168
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.6
141	36.7	29.9	44.9

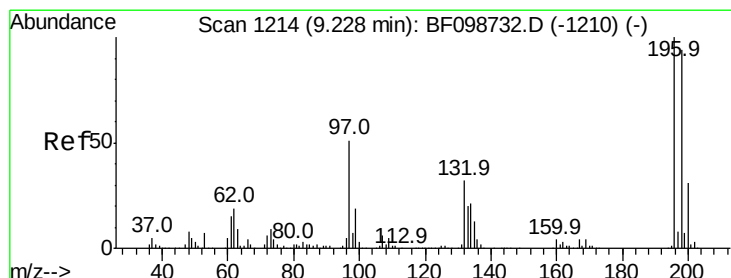
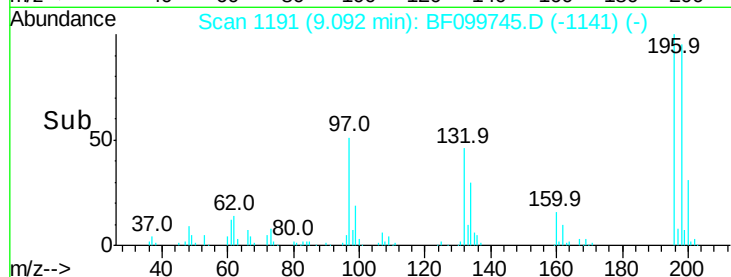
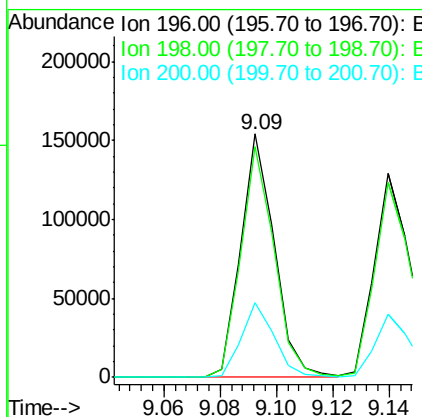
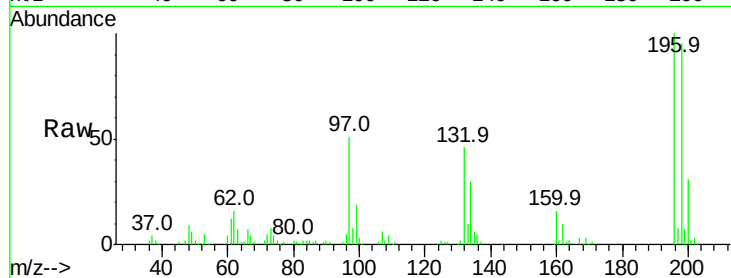




#42
 2,4,6-Trichlorophenol
 Concen: 40.304 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

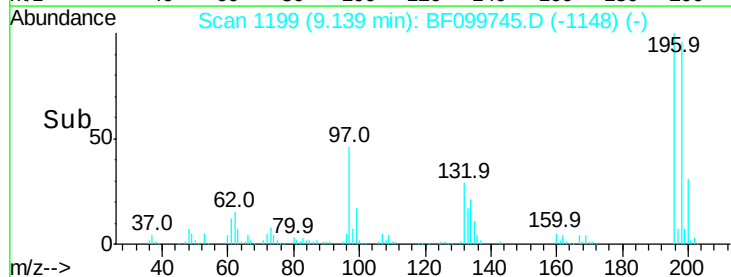
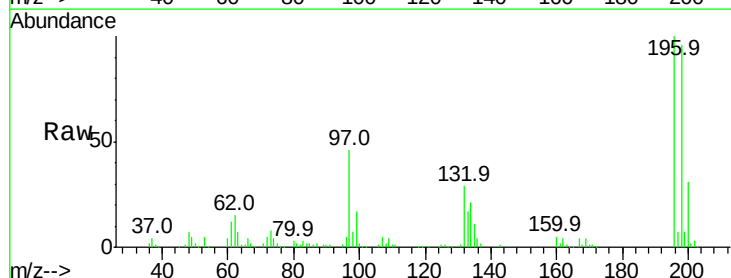
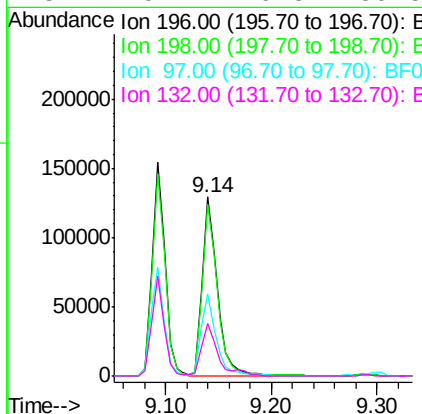
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

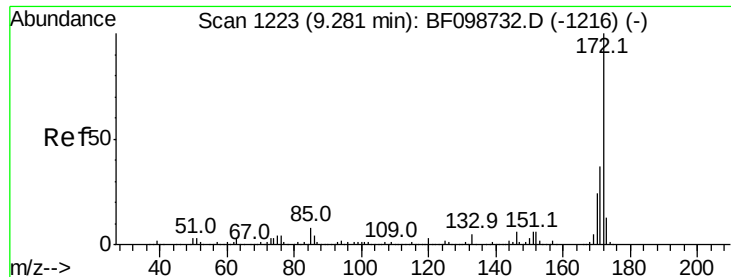
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	75.7	113.5
200	30.6	24.5	36.7



#43
 2,4,5-Trichlorophenol
 Concen: 40.813 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	74.6	112.0
97	45.5	42.9	64.3
132	29.4	26.3	39.5

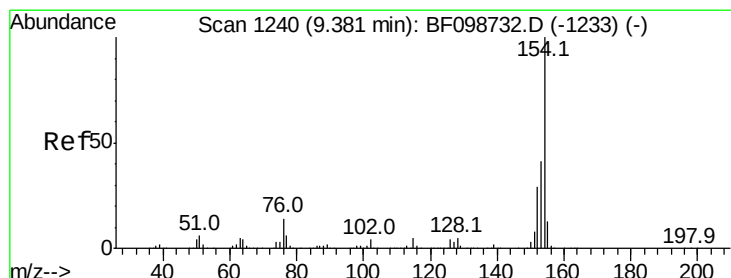
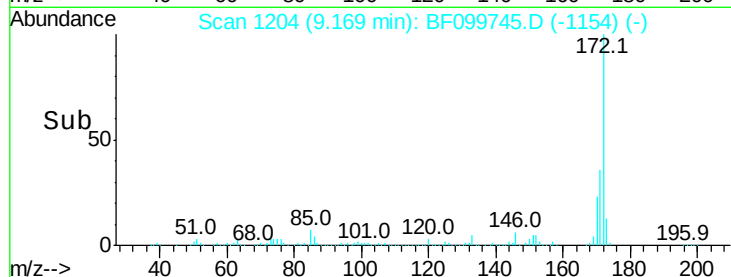
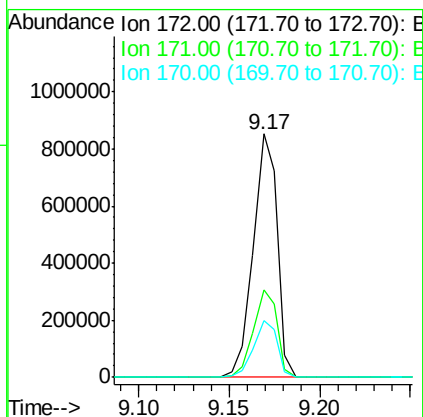
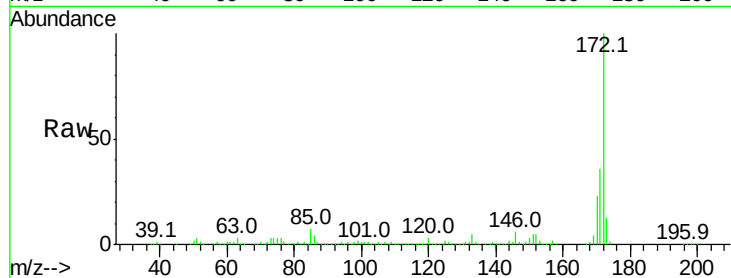




#44
2-Fluorobiphenyl
Concen: 87.177 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

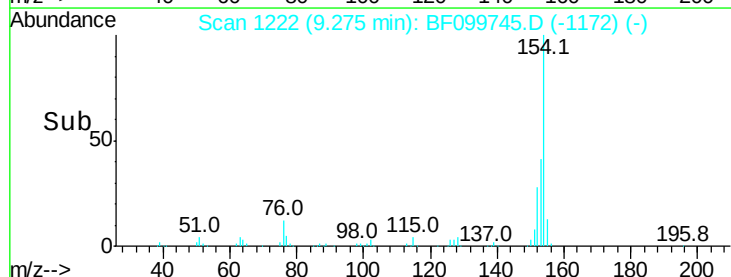
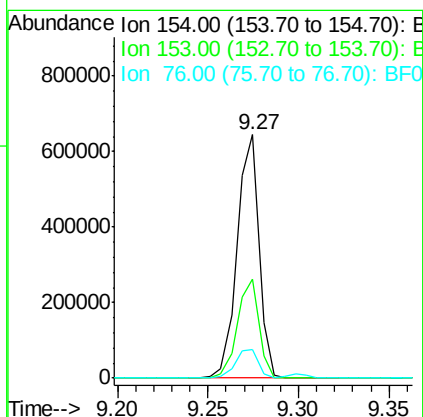
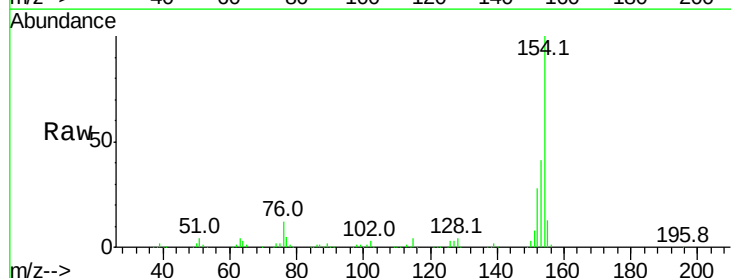
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

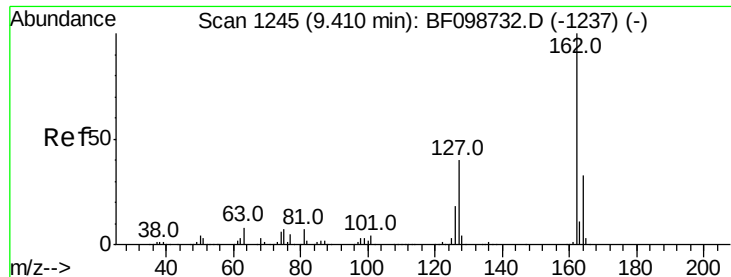
Tot Ion:172 Resp: 781012
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.3 19.6 29.4



#45
1,1'-Biphenyl
Concen: 42.091 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:154 Resp: 541037
Ion Ratio Lower Upper
154 100
153 40.9 21.3 61.3
76 11.8 0.0 34.0

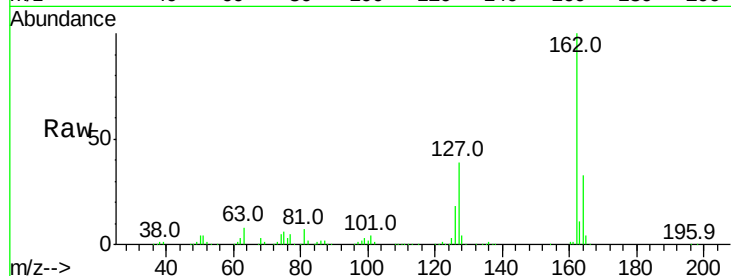




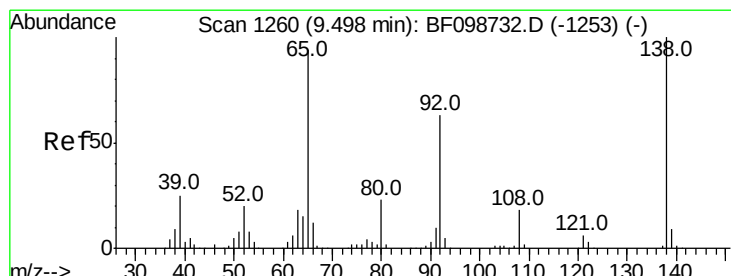
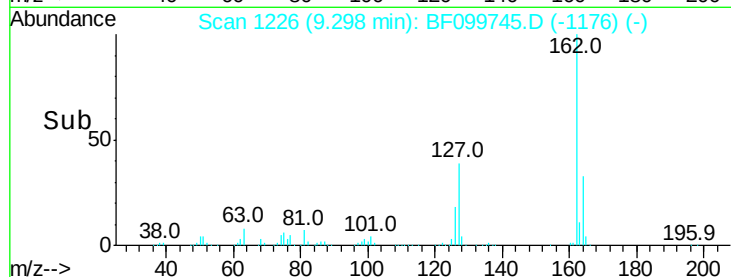
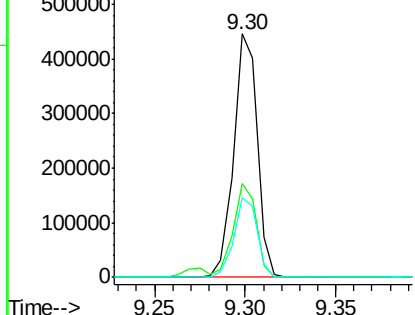
#46
 2-Chloronaphthalene
 Concen: 41.754 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	33.9	50.9
164	32.7	26.5	39.7

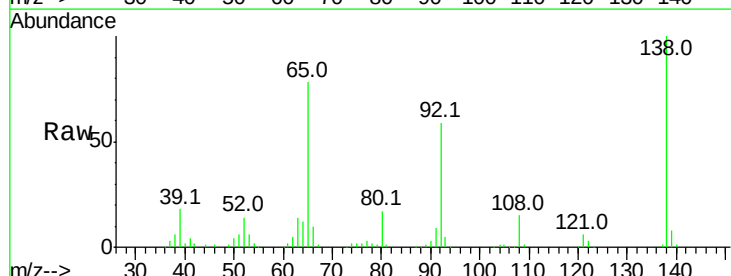


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

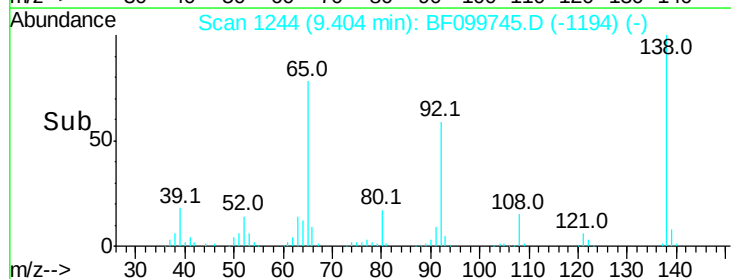
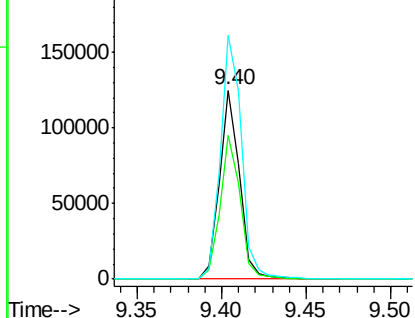


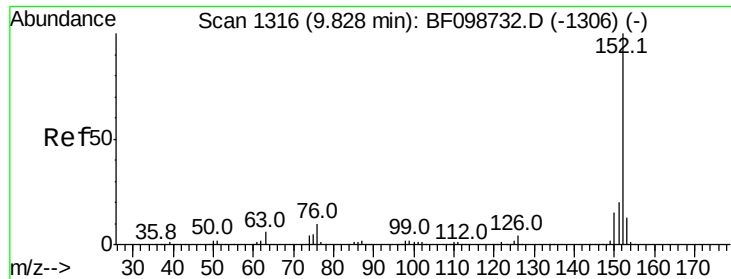
#47
 2-Nitroaniline
 Concen: 35.210 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	55.8	83.6
138	128.8	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

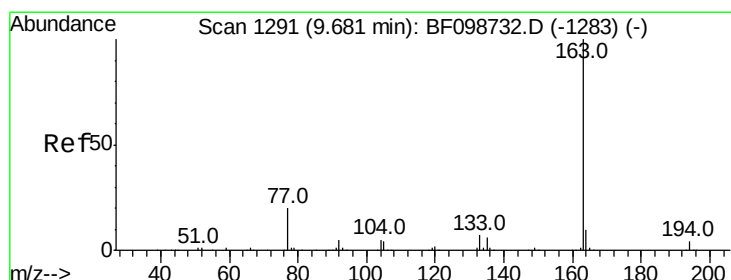
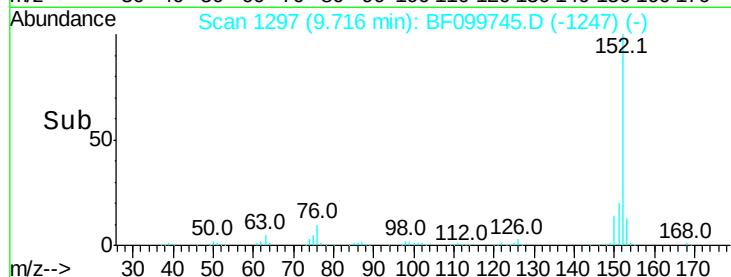
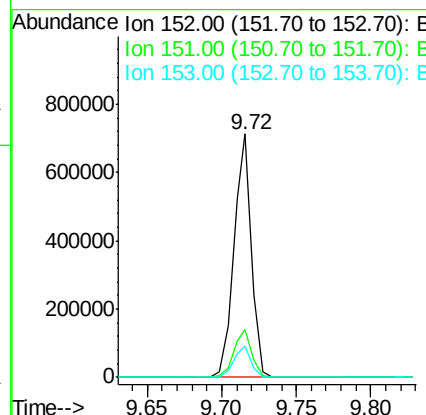
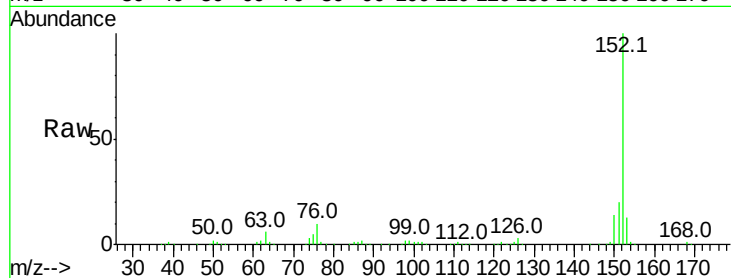




#48
Acenaphthylene
Concen: 39.826 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

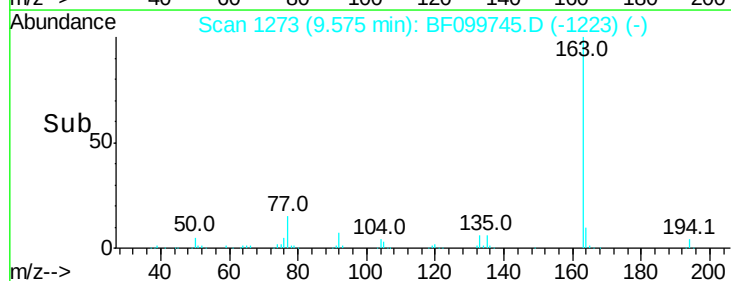
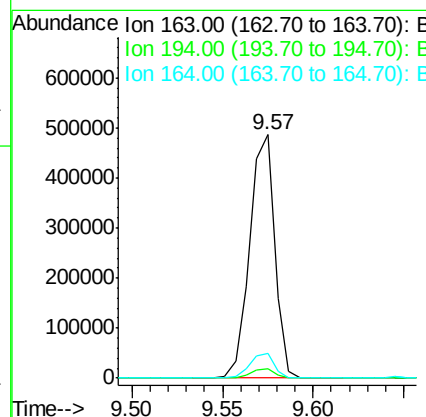
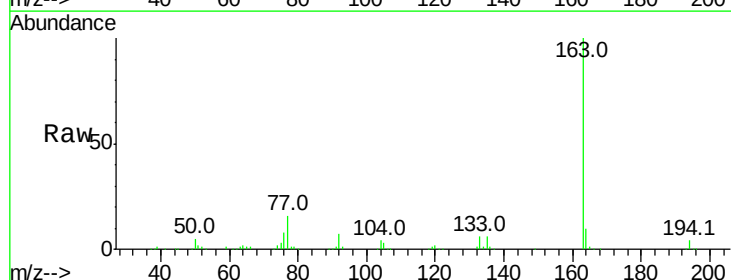
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

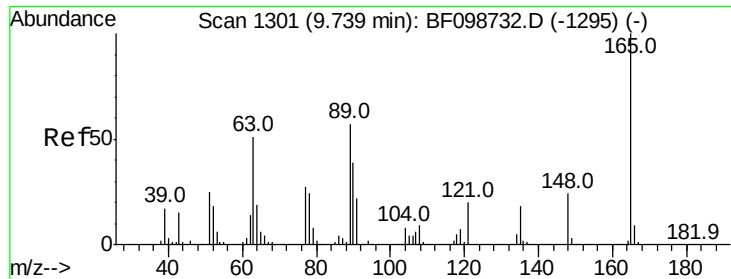
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.0	10.7	16.1



#49
Dimethylphthalate
Concen: 41.260 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.9	8.2	12.2

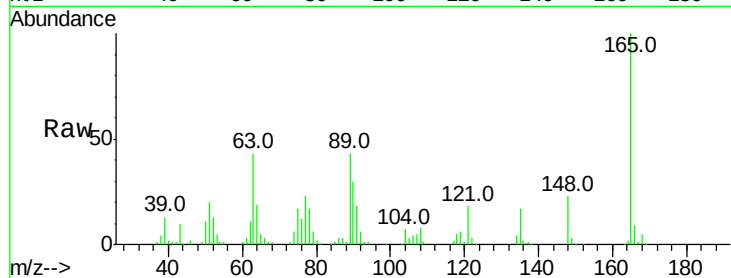




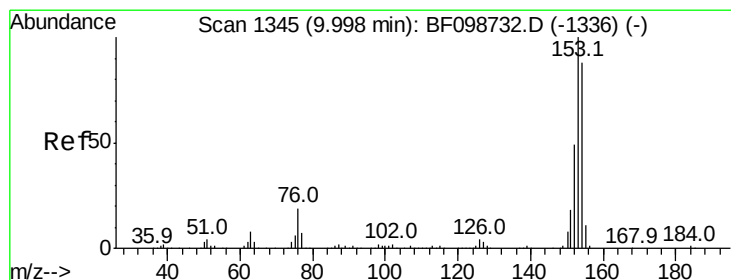
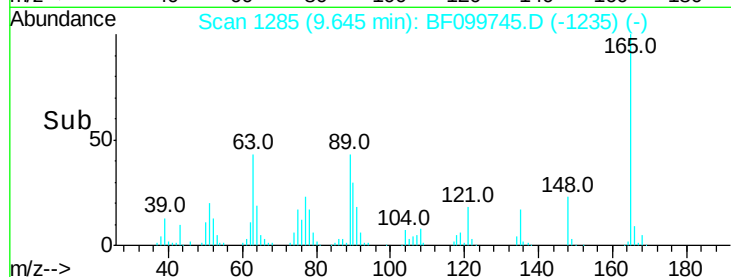
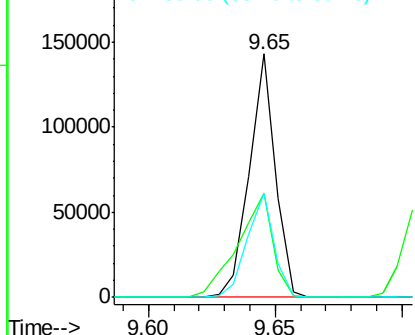
#50
2,6-Dinitrotoluene
Concen: 41.915 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 103006
Ion Ratio Lower Upper
165 100
63 42.9 44.7 67.1#
89 42.5 44.0 66.0#

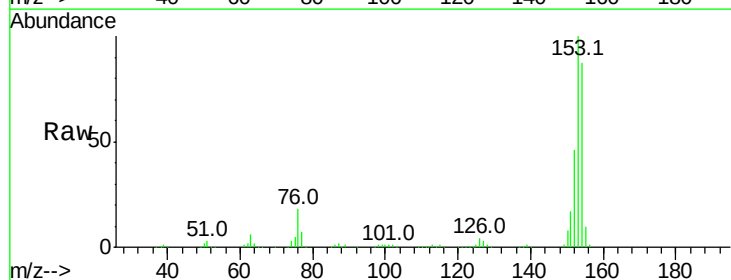


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

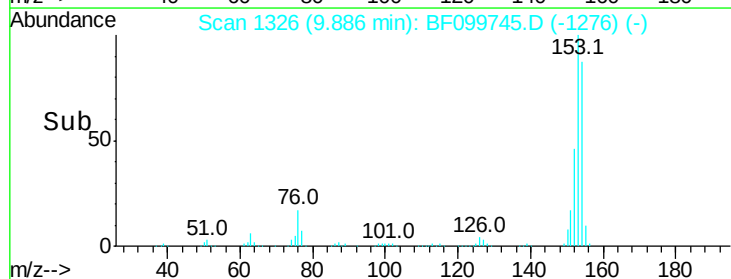
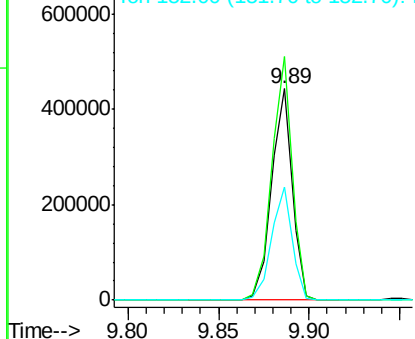


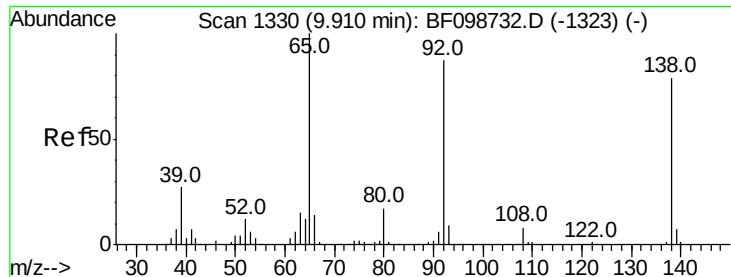
#51
Acenaphthene
Concen: 37.550 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:154 Resp: 351417
Ion Ratio Lower Upper
154 100
153 115.1 91.2 136.8
152 53.2 43.8 65.8



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

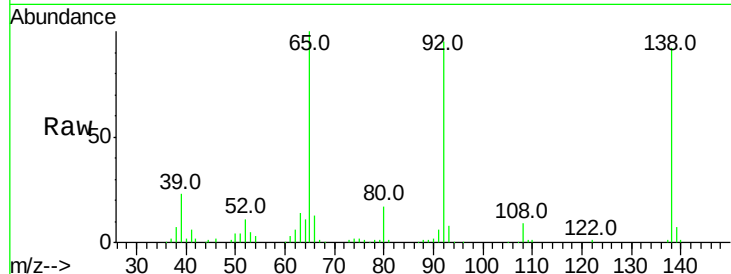




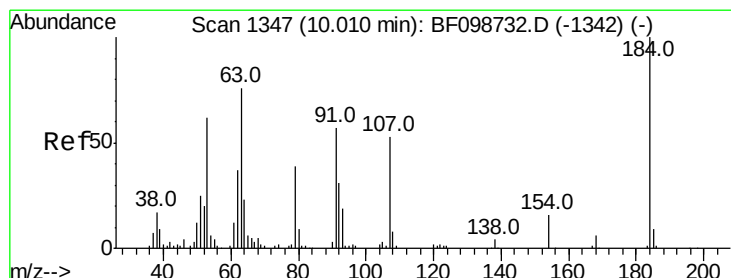
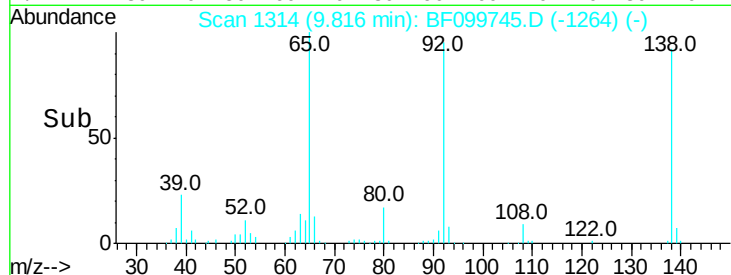
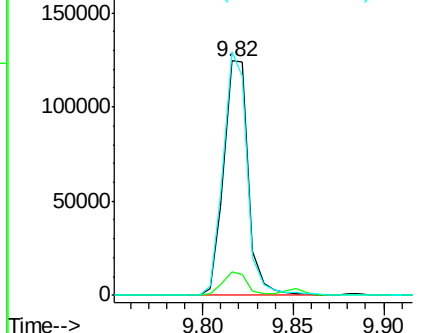
#52
3-Nitroaniline
Concen: 41.531 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:138 Resp: 119005
Ion Ratio Lower Upper
138 100
108 10.1 9.4 14.0
92 104.0 89.4 134.2

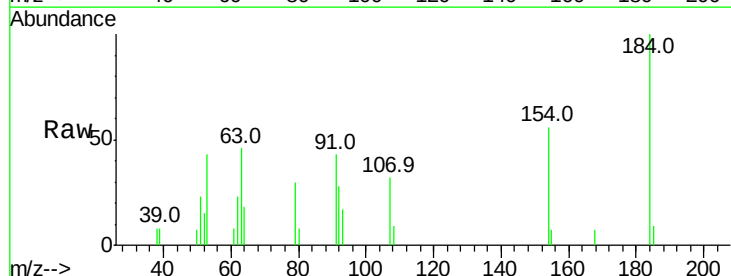


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

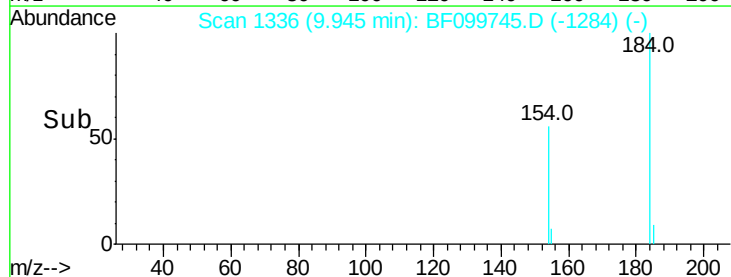
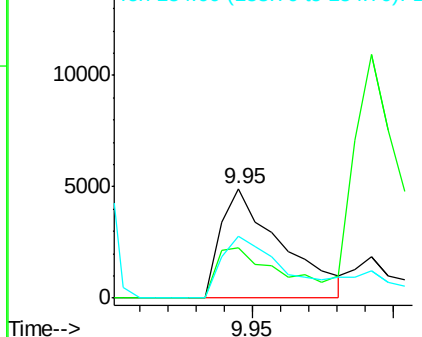


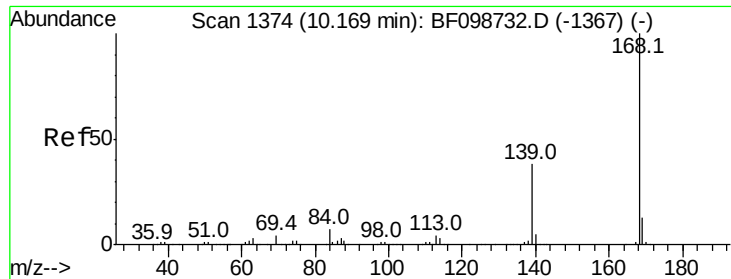
#53
2,4-Dinitrophenol
Concen: 11.143 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:184 Resp: 7335
Ion Ratio Lower Upper
184 100
63 46.1 54.2 81.2#
154 55.9 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: 38.629 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

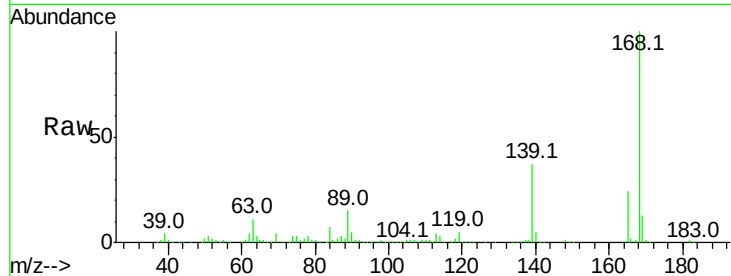
Tot Ion:168 Resp: 481346

Ion Ratio Lower Upper

168 100

139 36.8 30.1 45.1

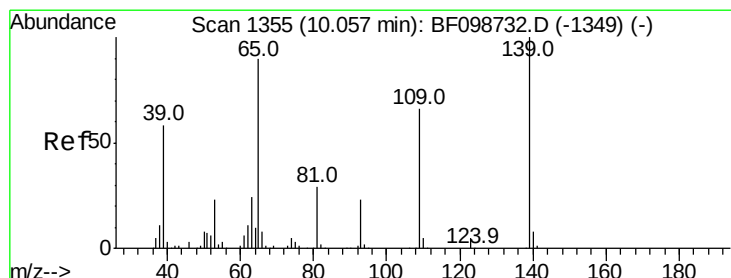
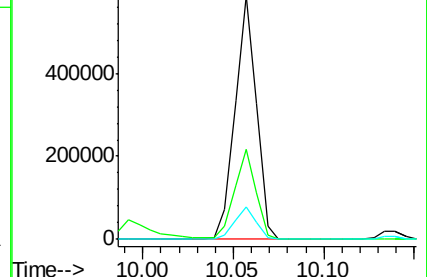
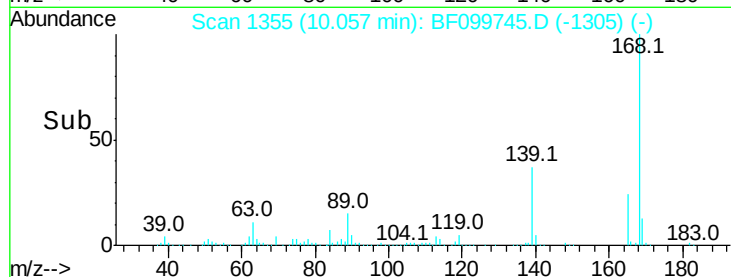
169 13.1 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 23.205 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

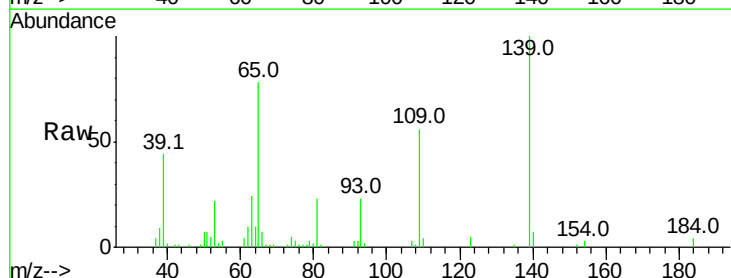
Tgt Ion:139 Resp: 56225

Ion Ratio Lower Upper

139 100

109 55.9 48.4 88.4

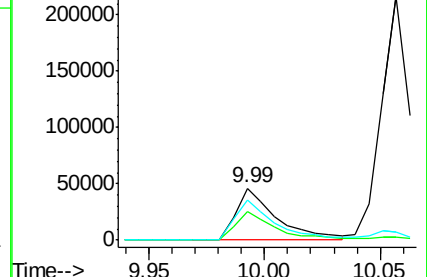
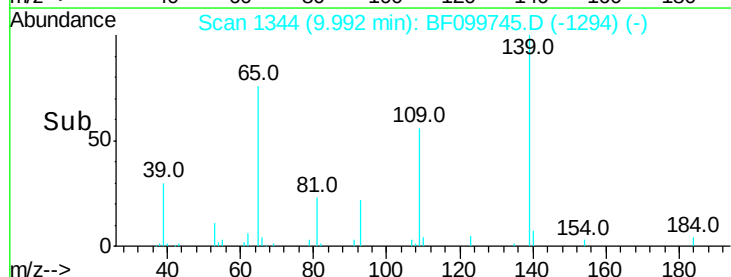
65 78.0 72.6 112.6

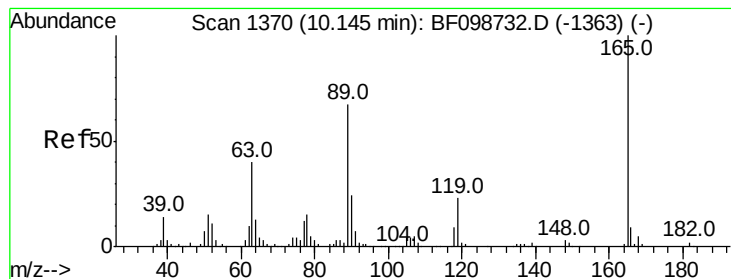


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 37.629 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 120013

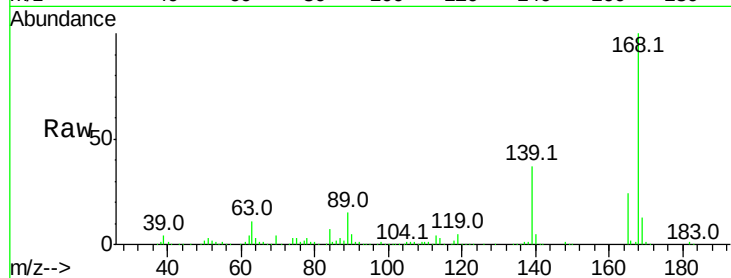
Ion Ratio Lower Upper

165 100

63 44.4 36.4 54.6

89 62.0 57.8 86.6

182 2.5 1.6 2.4#

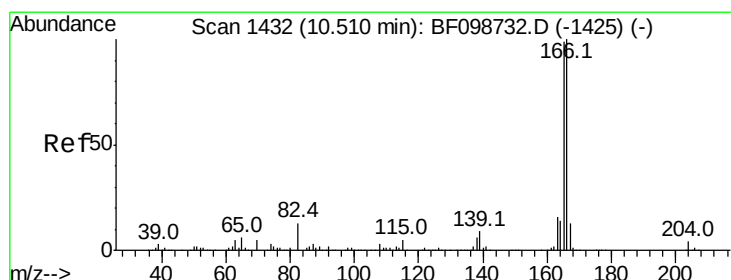
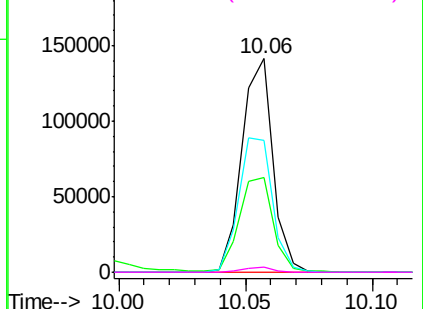
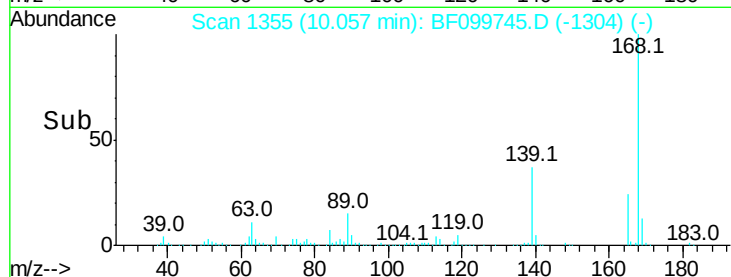


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 41.473 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

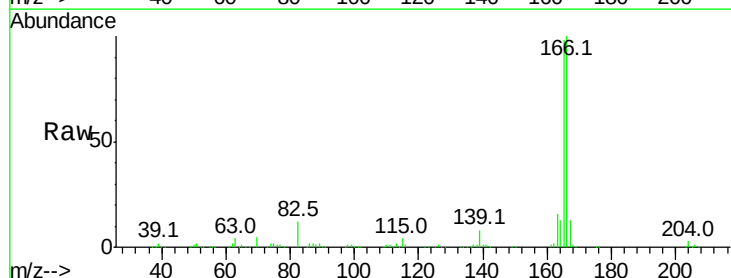
Tgt Ion:166 Resp: 415363

Ion Ratio Lower Upper

166 100

165 98.1 79.8 119.8

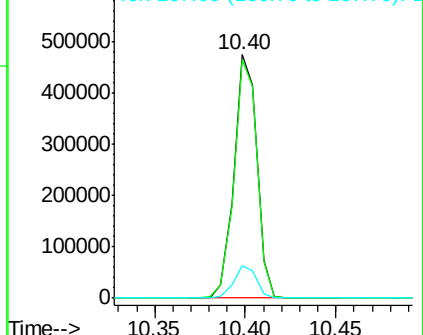
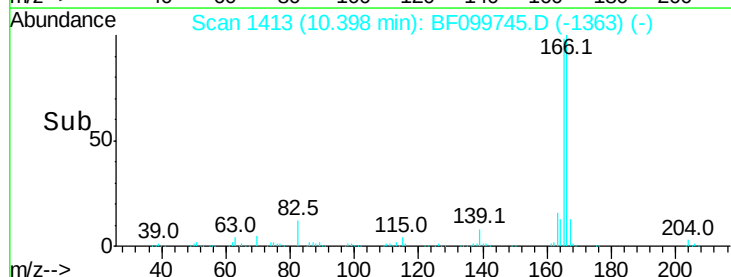
167 13.4 10.6 16.0

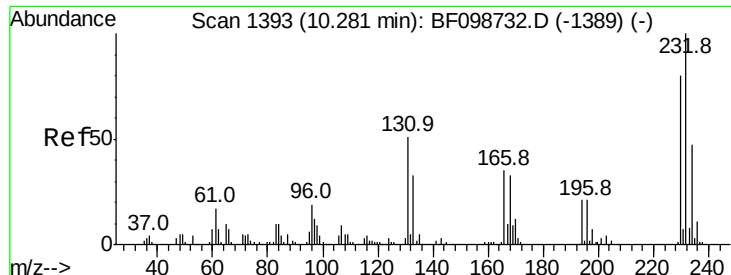


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

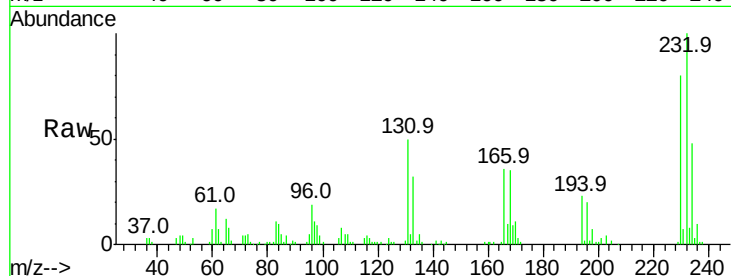




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.139 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:232	Resp:	76567
Ion Ratio	Lower	Upper
232 100		
131 50.5	43.8	65.8
130 1.9	2.1	3.1#
166 35.4	27.8	41.6

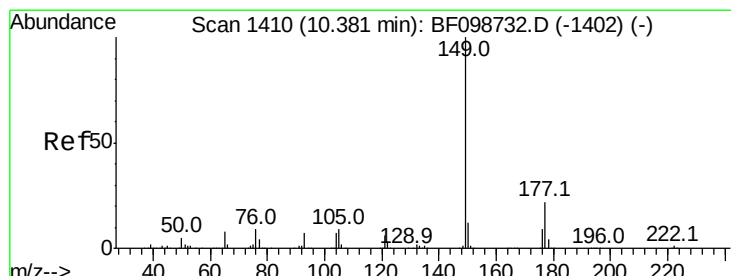
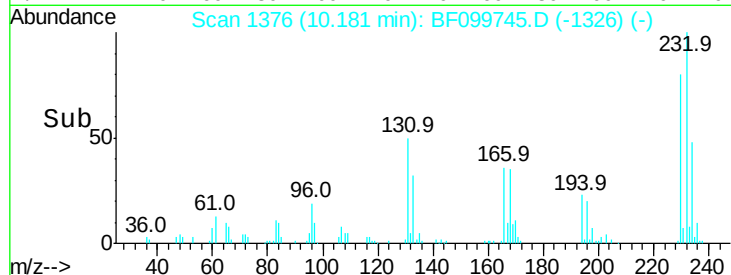
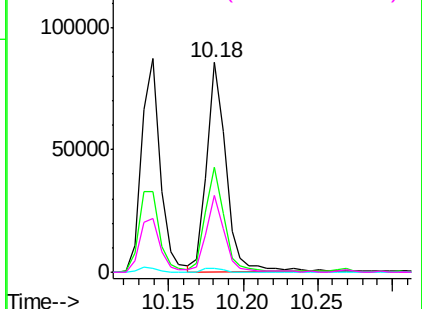


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

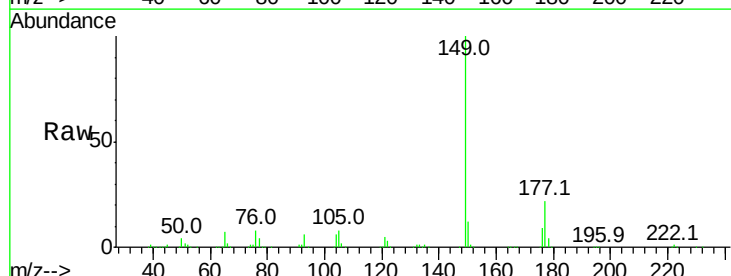
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 39.661 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

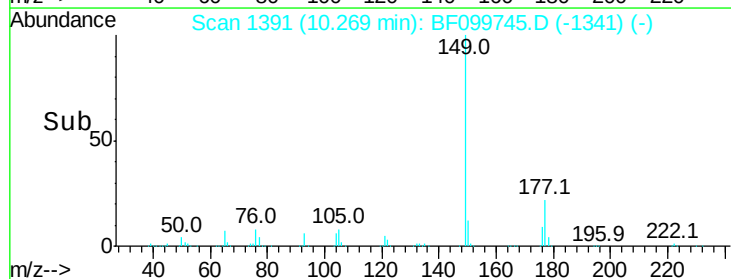
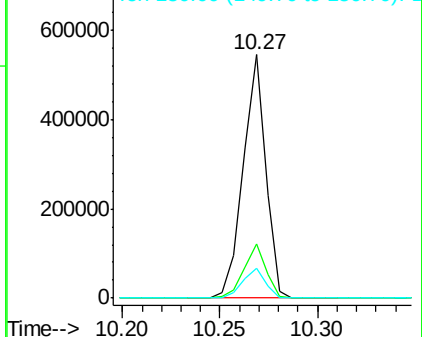
Tgt Ion	Ion:149	Resp:	437462
	Ratio	Lower	Upper
149	100		
177	22.0	16.1	24.1
150	12.2	10.1	15.1

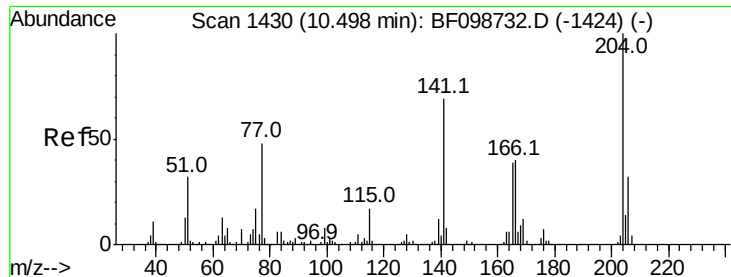


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

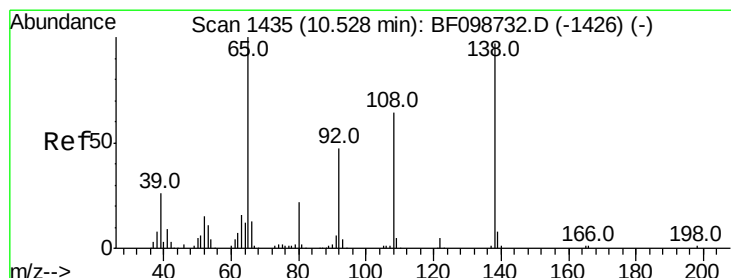
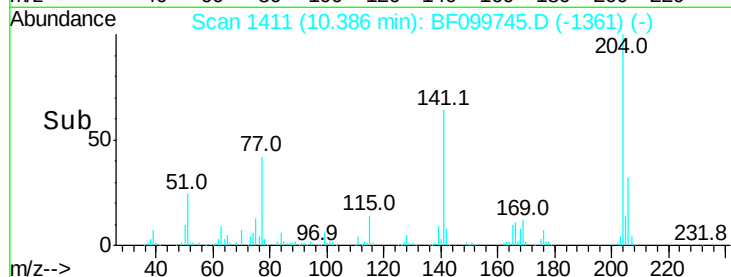
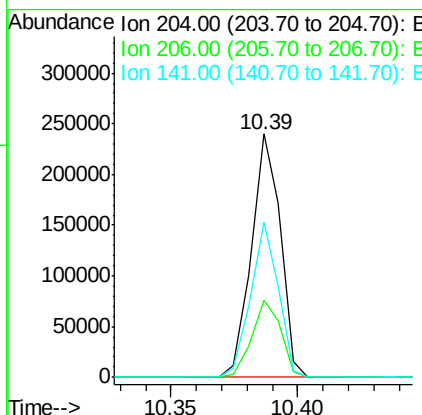
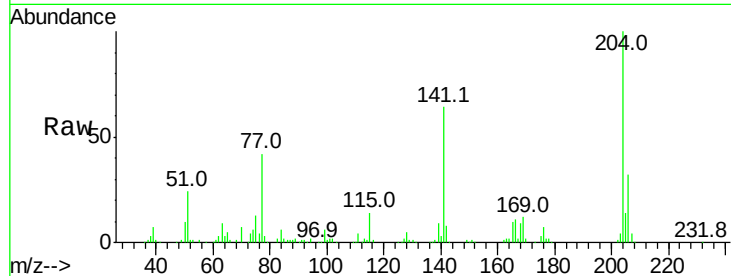




#60
4-Chlorophenyl-phenylether
Concen: 42.386 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

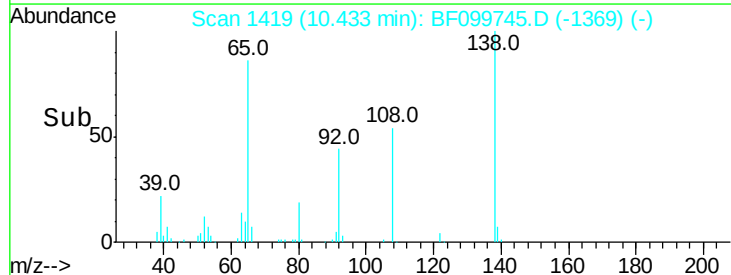
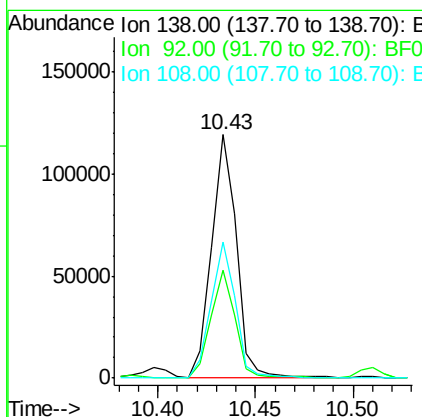
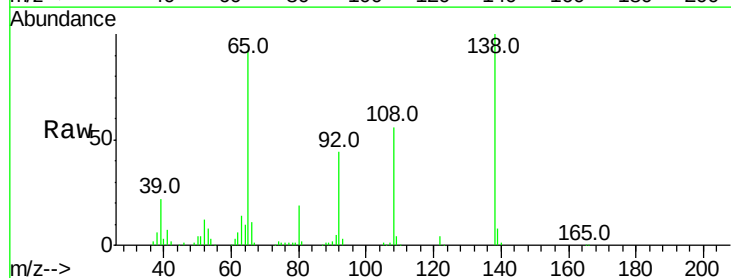
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

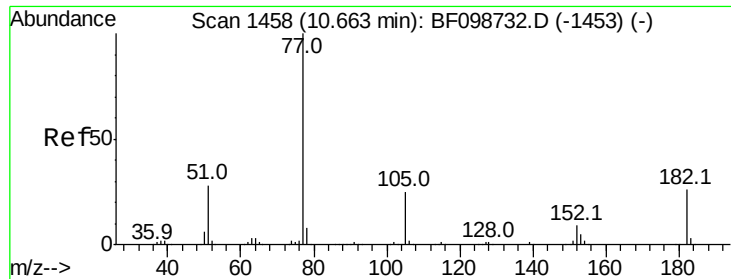
Tot Ion:204 Resp: 190690
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 63.6 54.6 81.8



#61
4-Nitroaniline
Concen: 37.988 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:138 Resp: 105015
Ion Ratio Lower Upper
138 100
92 44.4 30.2 70.2
108 55.9 52.5 92.5





#62

Azobenzene

Concen: 34.318 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

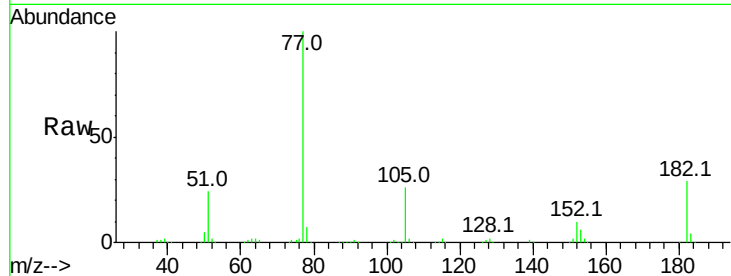
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 348047

Ion	Ratio	Lower	Upper
77	100		
182	29.3	1.7	41.7
105	26.0	3.0	43.0
51	23.7	9.9	49.9

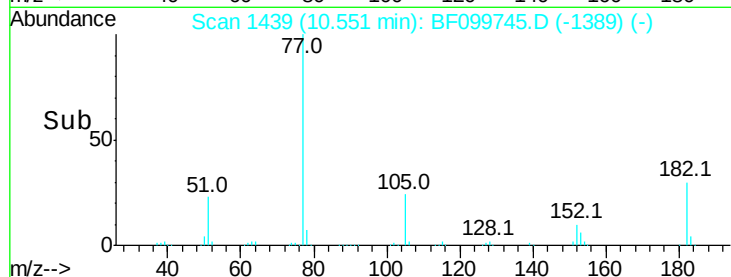


Abundance Ion 77.00 (76.70 to 77.70): BF0

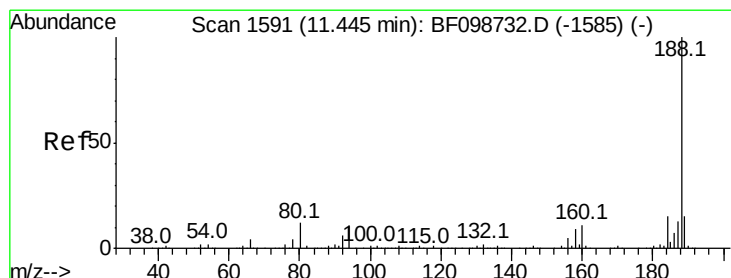
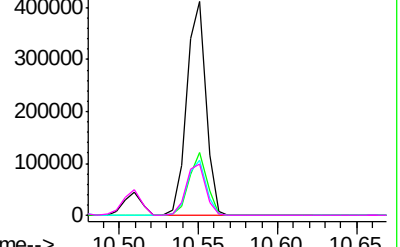
Ion 182.00 (181.70 to 182.70): E

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: 11.34 min Scan# 1573

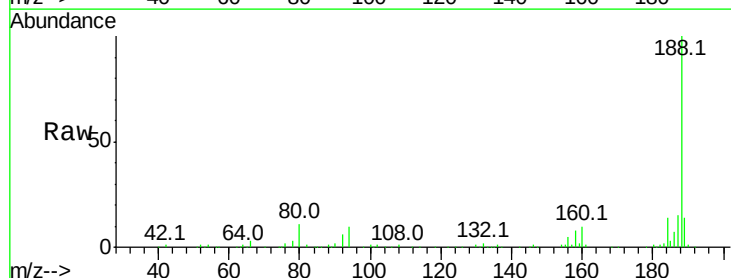
Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Tgt Ion: 188 Resp: 237855

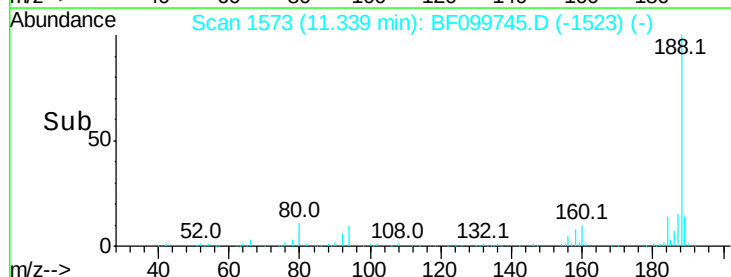
Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.7	9.2	13.8



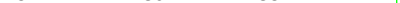
Abundance Ion 188.00 (187.70 to 188.70): E

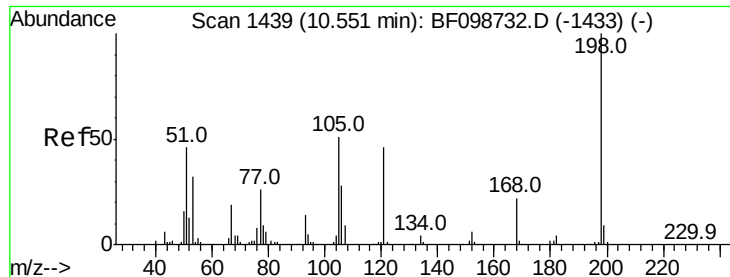
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 16.714 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

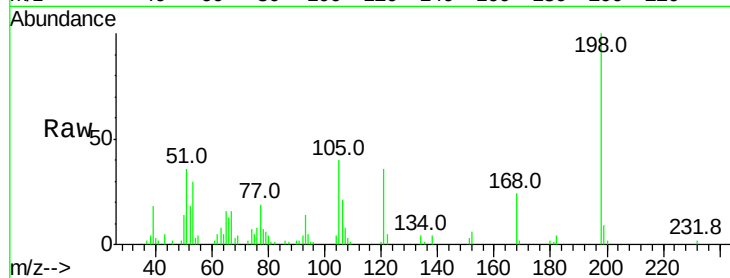
Tot Ion:198 Resp: 24188

Ion Ratio Lower Upper

198 100

51 35.7 37.7 77.7#

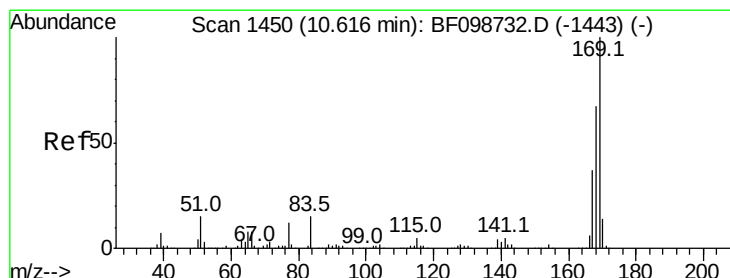
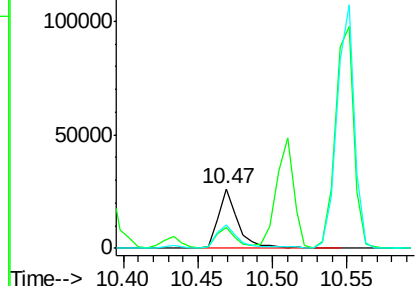
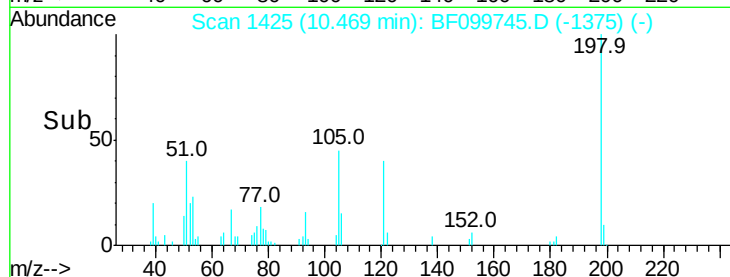
105 39.8 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.542 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

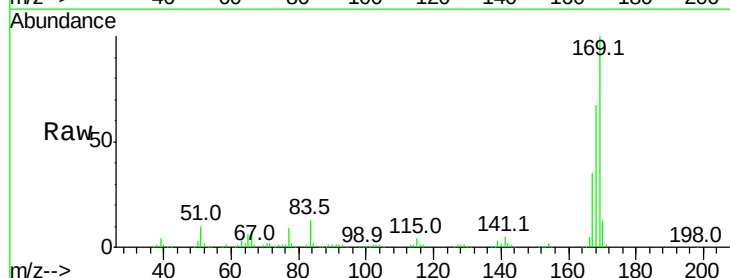
Tgt Ion:169 Resp: 367027

Ion Ratio Lower Upper

169 100

168 66.9 54.4 81.6

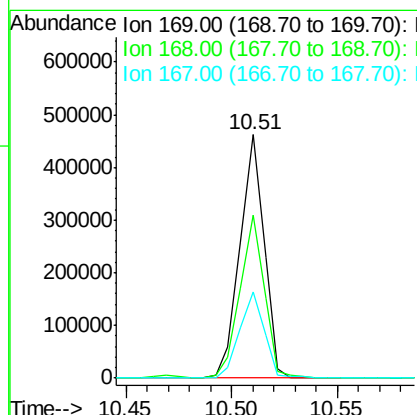
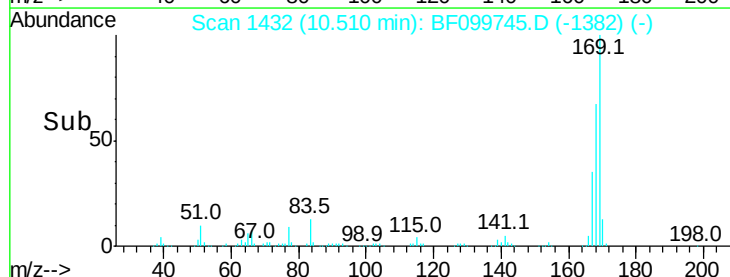
167 35.5 29.8 44.6

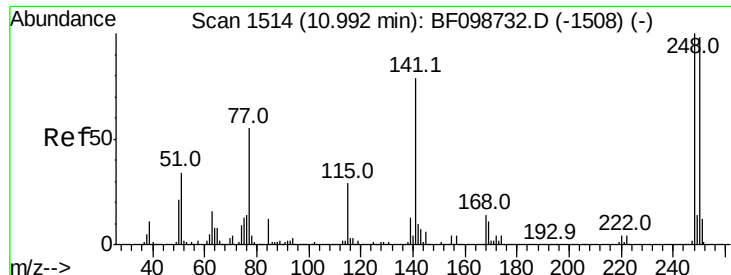


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

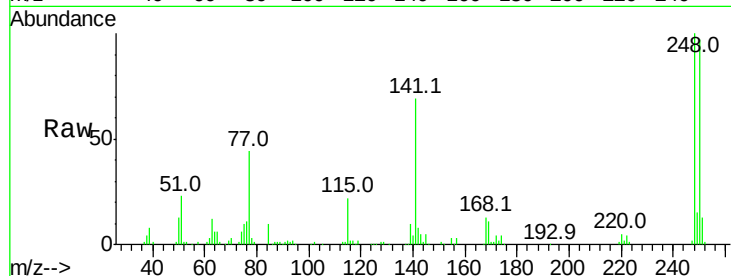




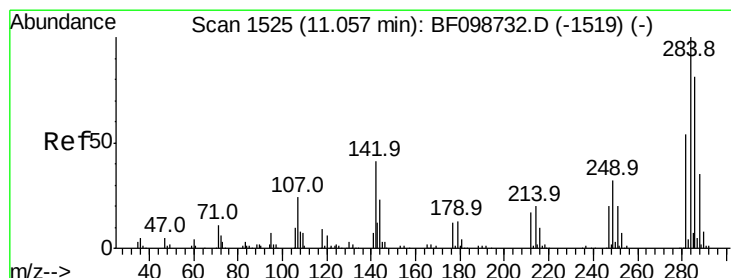
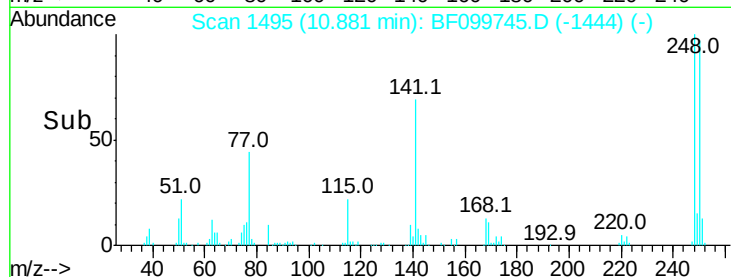
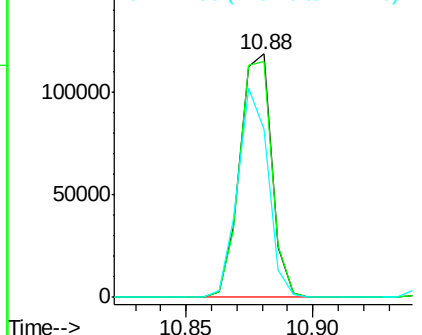
#66
4-Bromophenyl-phenylether
Concen: 44.652 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 103958
Ion Ratio Lower Upper
248 100
250 96.9 76.9 115.3
141 69.1 74.4 111.6#

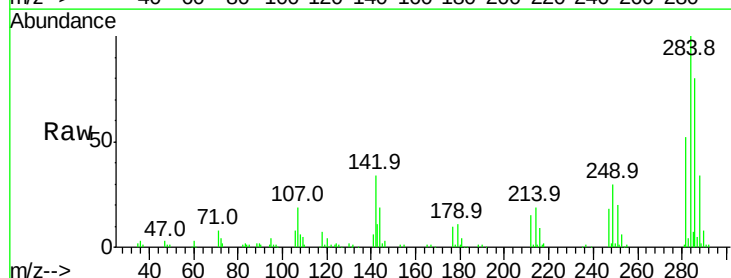


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

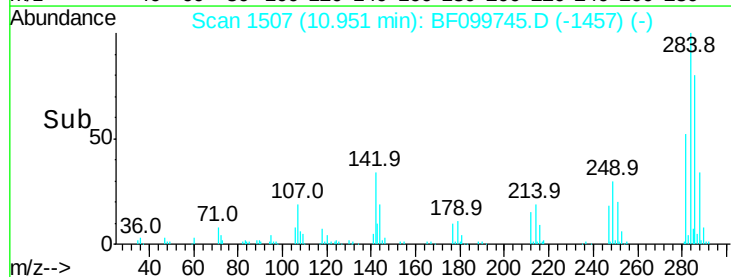
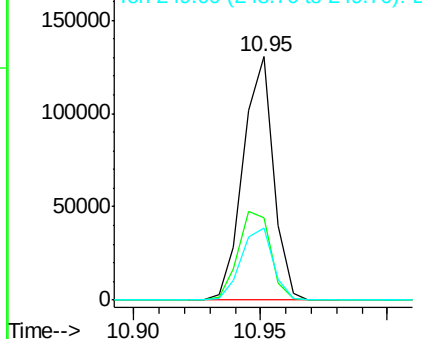


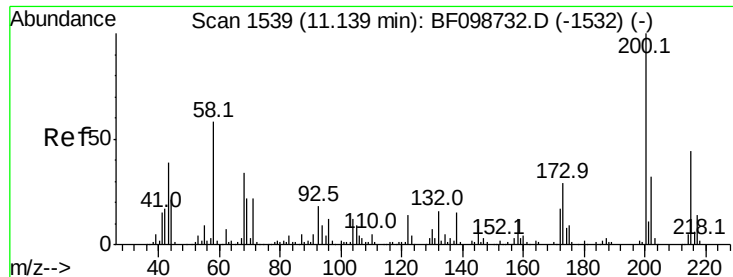
#67
Hexachlorobenzene
Concen: 43.583 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:284 Resp: 108374
Ion Ratio Lower Upper
284 100
142 34.0 34.6 52.0#
249 29.5 24.8 37.2



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

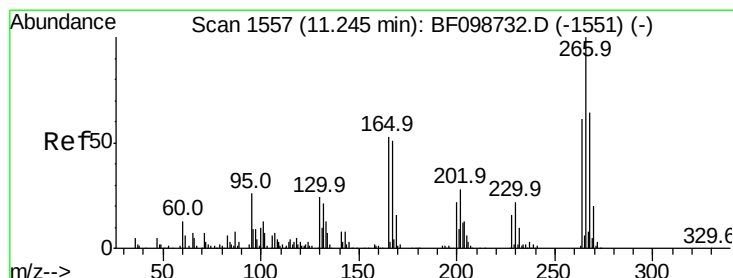
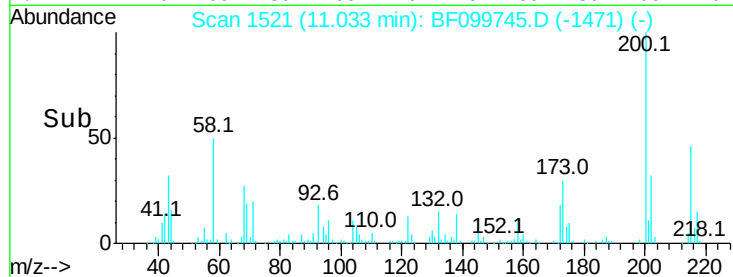
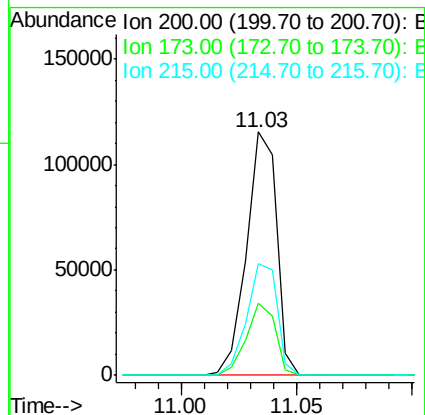
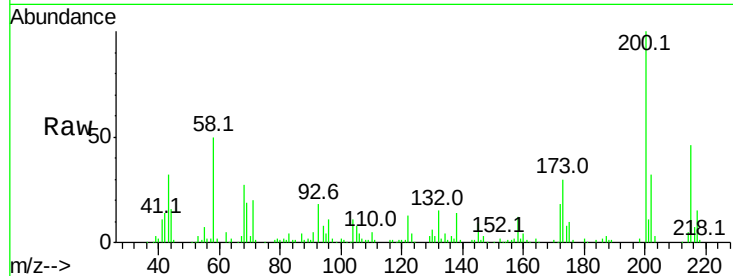




#68
Atrazine
Concen: 42.509 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

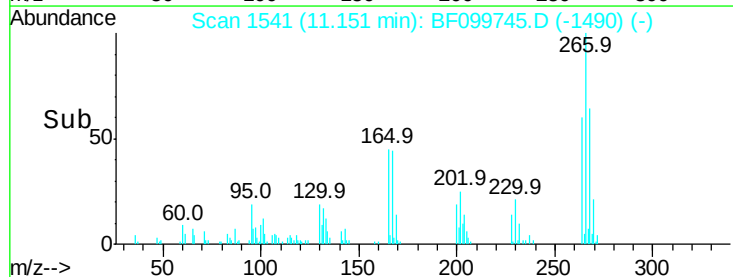
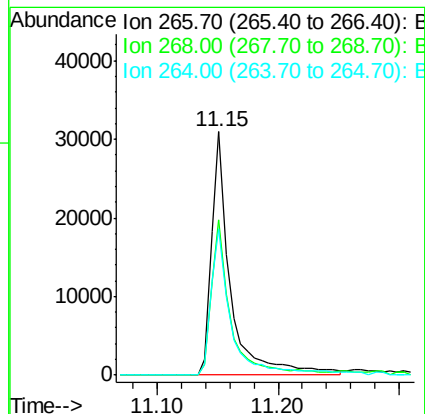
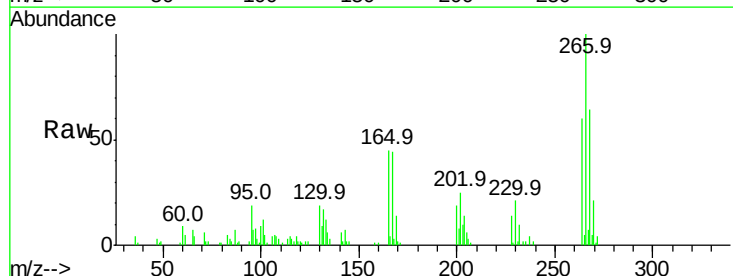
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

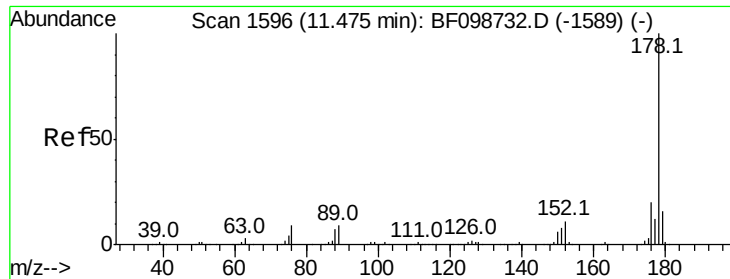
Tot Ion:200 Resp: 105387
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 45.9 25.1 65.1



#69
Pentachlorophenol
Concen: 21.782 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:266 Resp: 33710
Ion Ratio Lower Upper
266 100
268 64.0 51.1 76.7
264 60.2 49.5 74.3





#70

Phenanthrene

Concen: 41.008 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

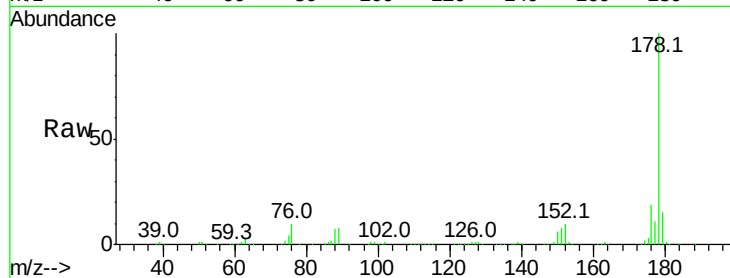
Tot Ion:178 Resp: 522100

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.8

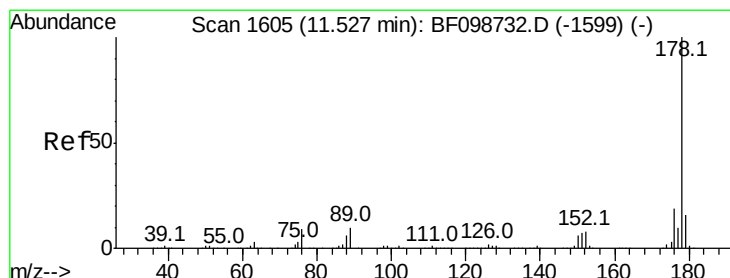
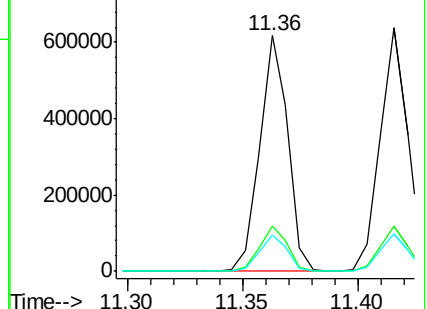
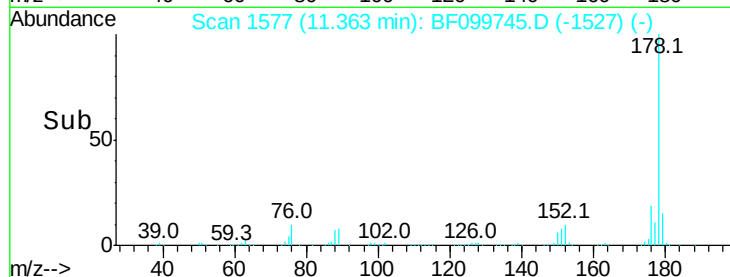
179 15.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 40.744 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

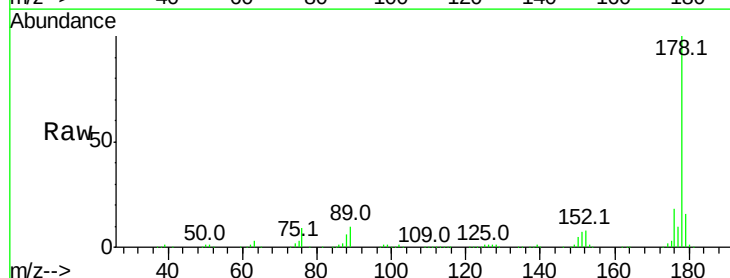
Tgt Ion:178 Resp: 530765

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.2

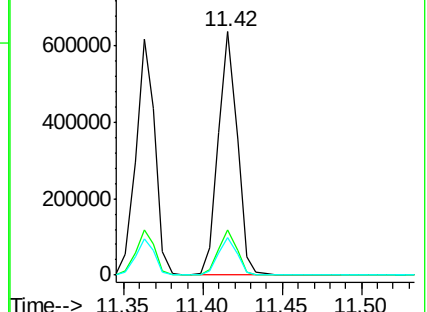
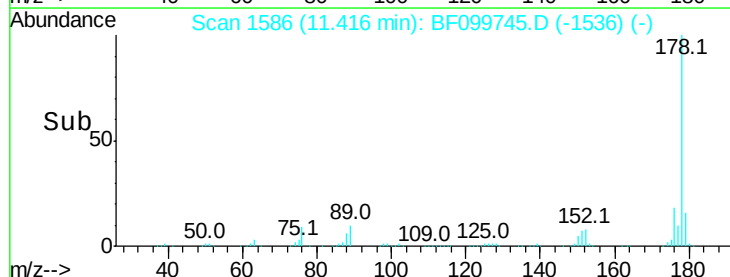
179 15.5 12.6 19.0

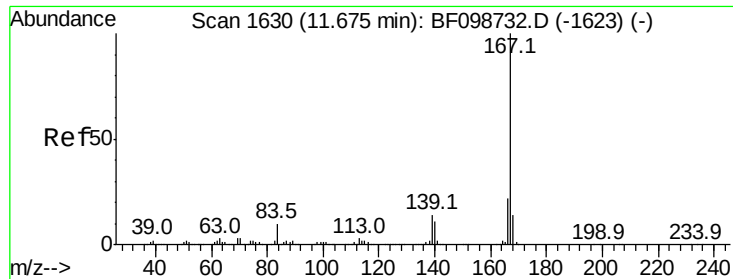


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.045 ng

RT: 11.57 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

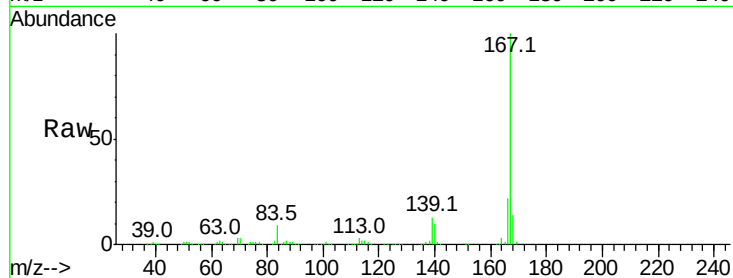
Tot Ion:167 Resp: 485342

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

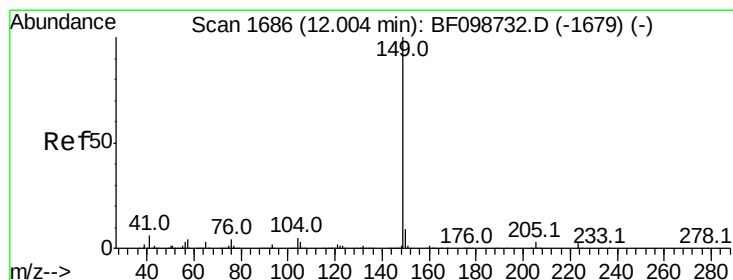
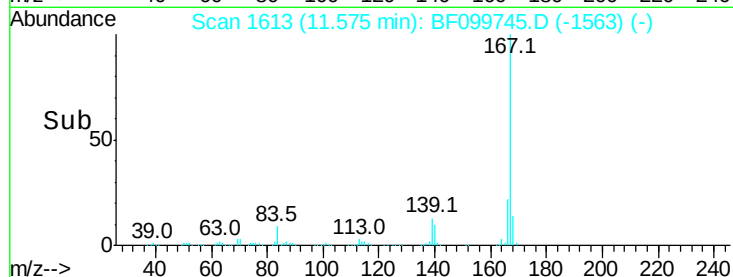
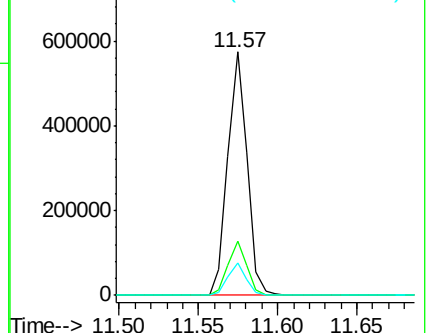
139 13.2 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 42.119 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

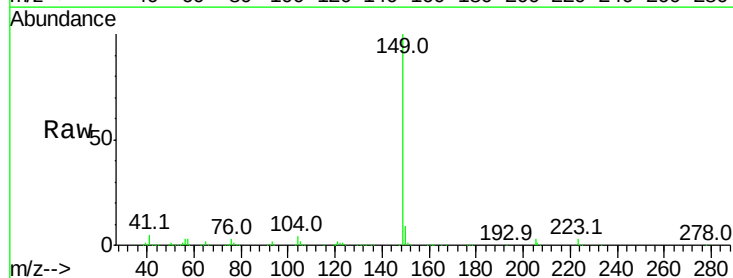
Tgt Ion:149 Resp: 646744

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

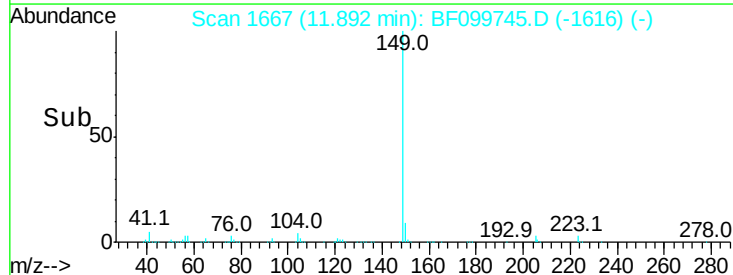
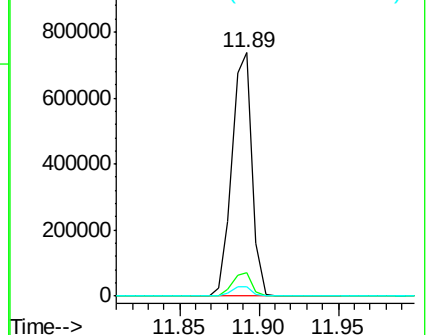
104 3.6 3.8 5.8#

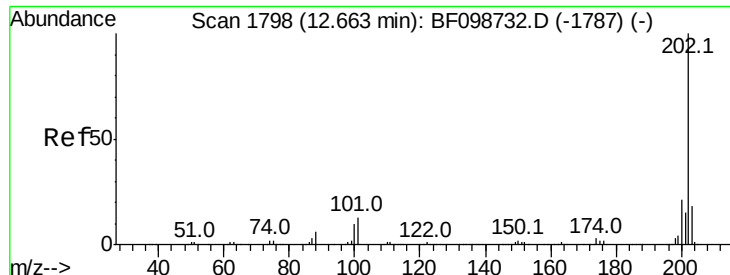


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

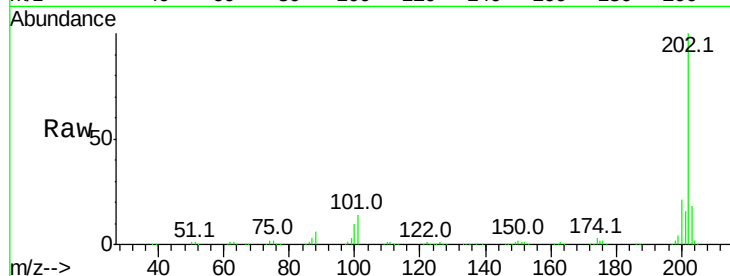




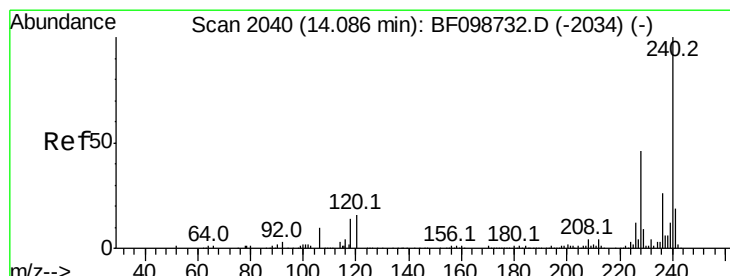
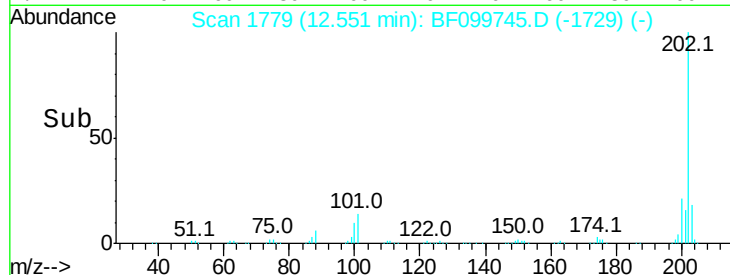
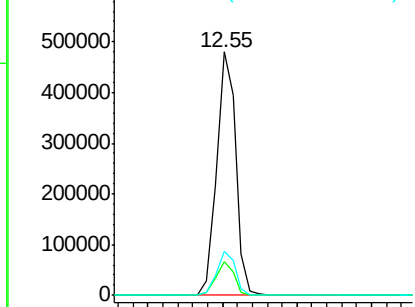
#74
 Fluoranthene
 Concen: 33.302 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:202 Resp: 429335
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 34.1
 203 18.2 0.0 38.1

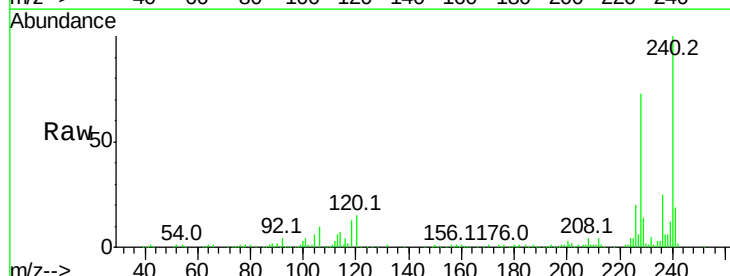


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

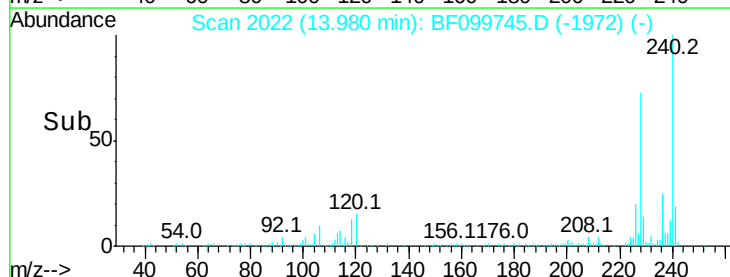
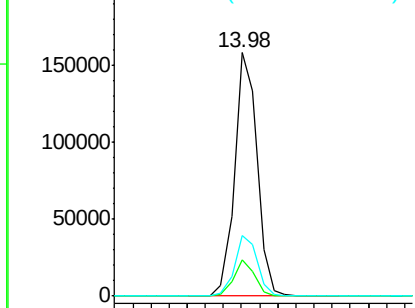


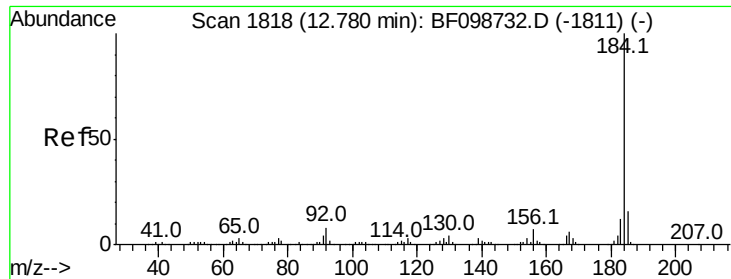
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion:240 Resp: 136833
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.5 14.3#
 236 24.7 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

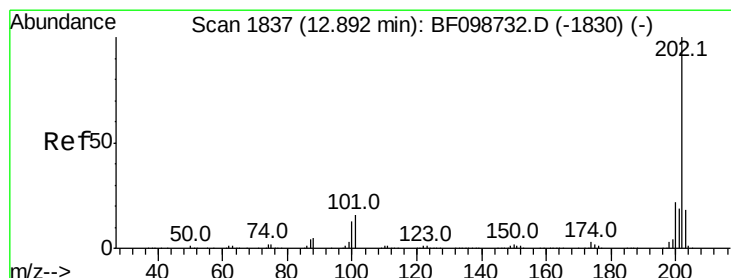
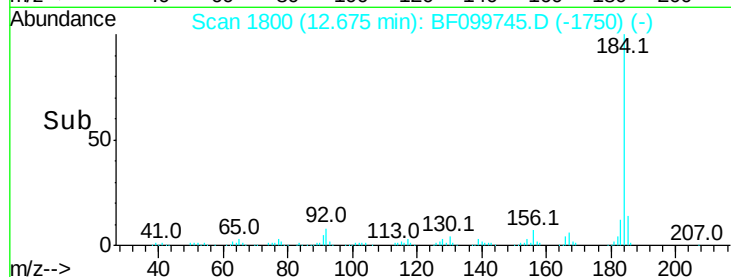
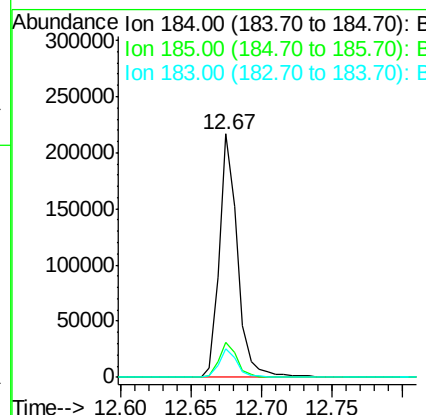
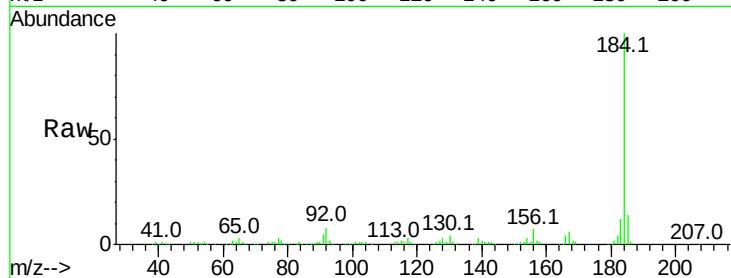




#76
Benzidine
Concen: 38.433 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

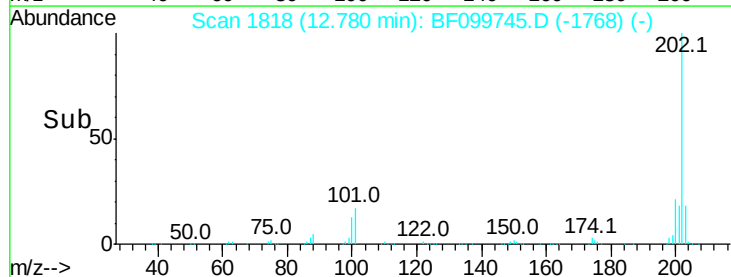
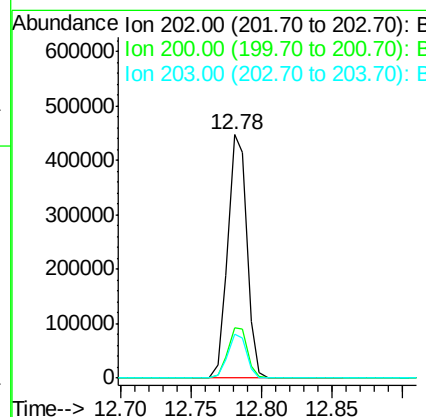
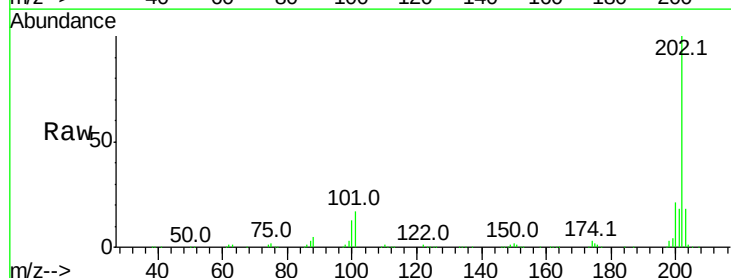
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

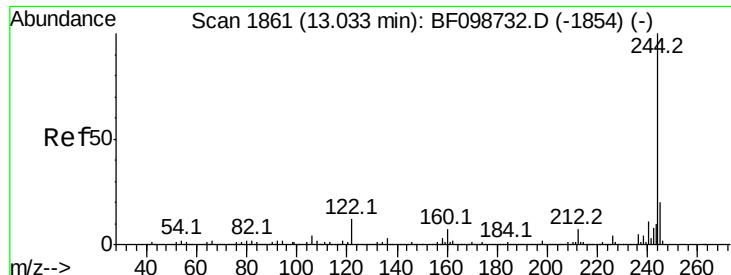
Tot Ion:184 Resp: 194507
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 12.0 9.3 13.9



#77
Pyrene
Concen: 40.452 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:202 Resp: 422082
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.8 14.3 21.5

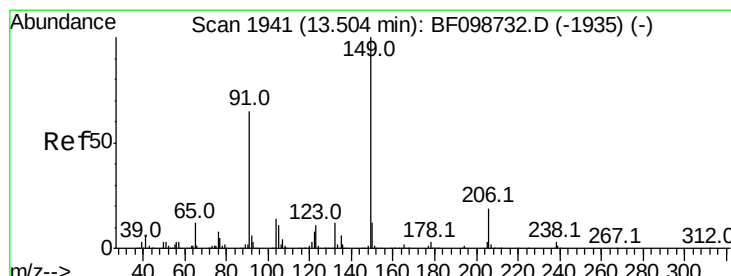
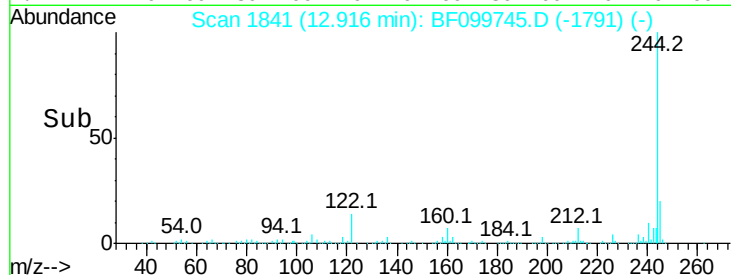
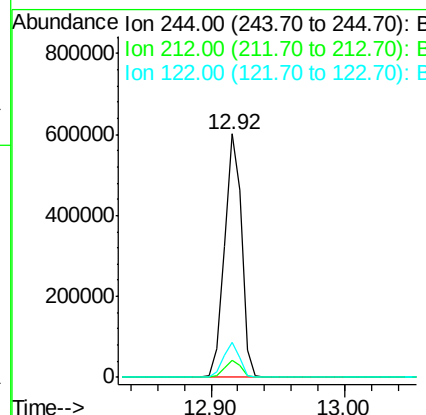
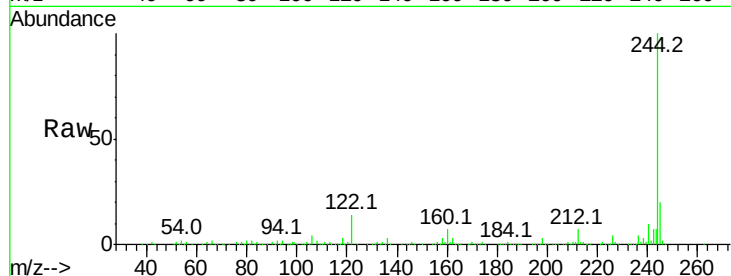




#78
 Terphenyl-d14
 Concen: 90.547 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

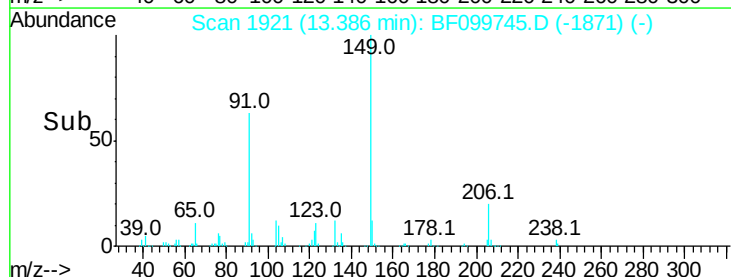
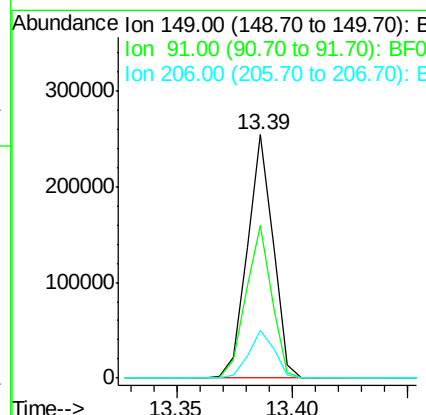
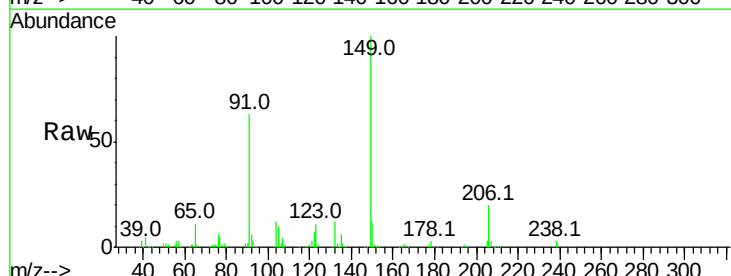
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

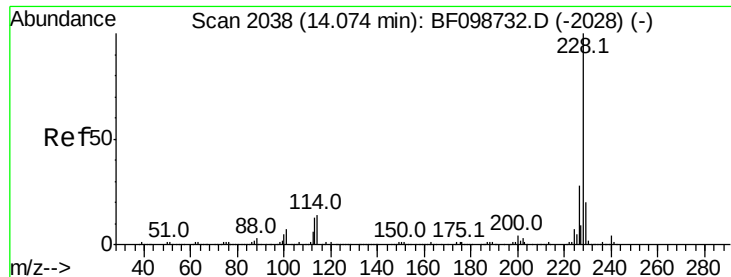
Tot Ion:244 Resp: 544796
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.3 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 40.565 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion:149 Resp: 198921
 Ion Ratio Lower Upper
 149 100
 91 62.9 56.8 85.2
 206 19.8 14.1 21.1





#80

Benzo(a)anthracene

Concen: 40.463 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

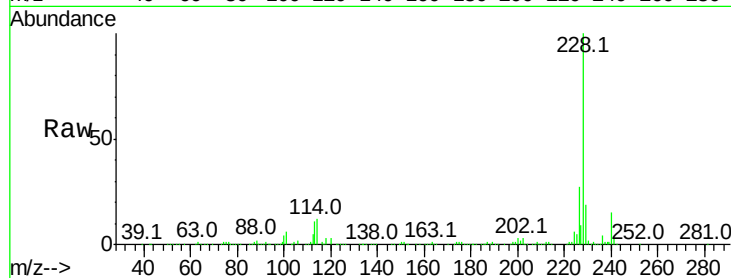
Tot Ion:228 Resp: 335262

Ion Ratio Lower Upper

228 100

226 27.3 22.6 33.8

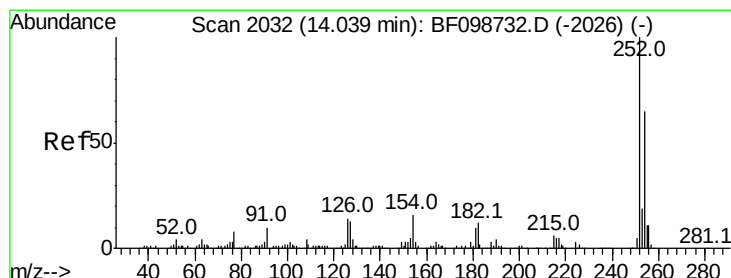
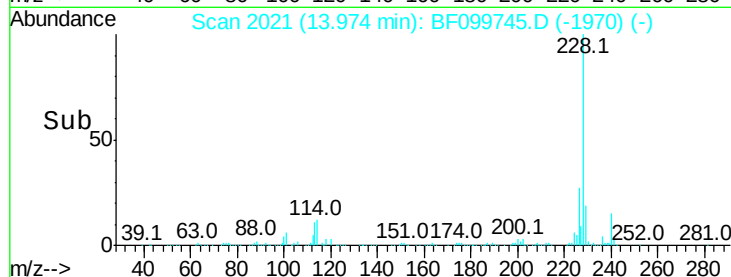
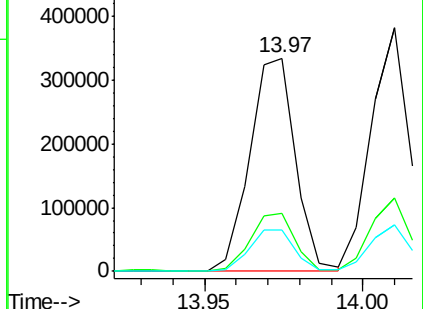
229 19.1 15.8 23.6



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: 40.884 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

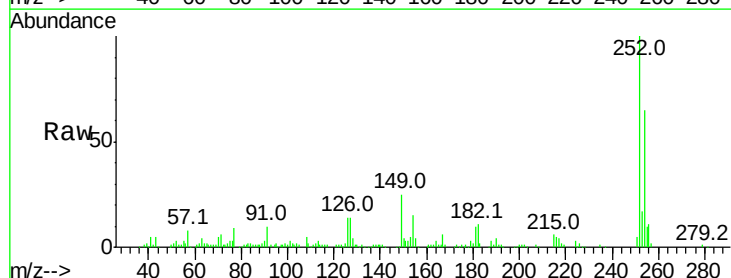
Tgt Ion:252 Resp: 124180

Ion Ratio Lower Upper

252 100

254 64.8 50.4 75.6

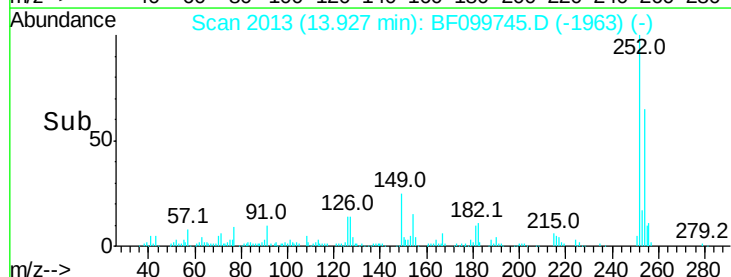
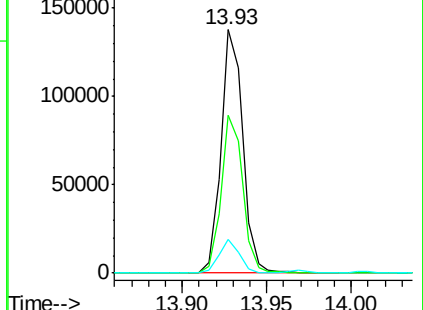
126 14.0 11.3 16.9

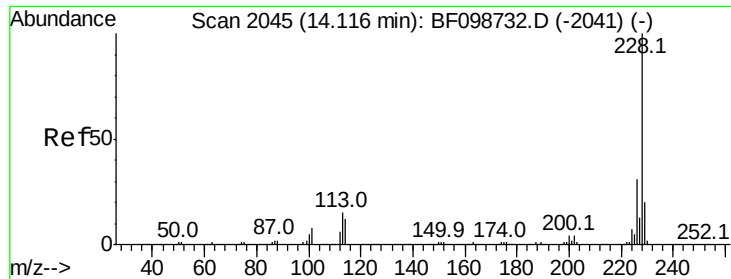


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.011 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

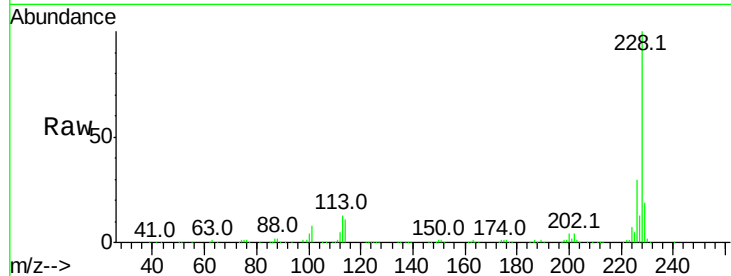
Tot Ion:228 Resp: 323504

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

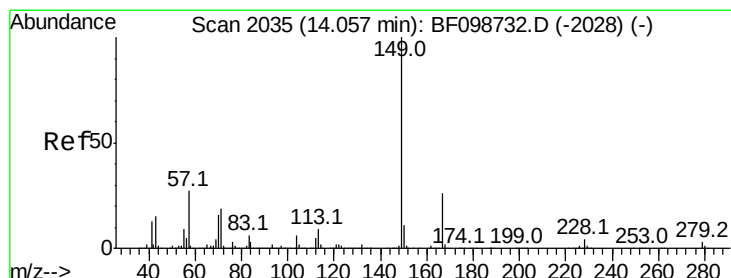
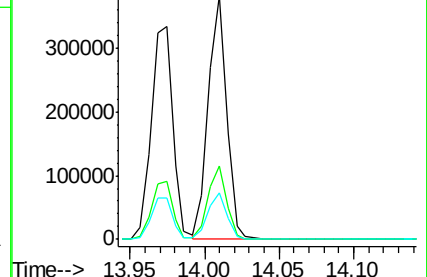
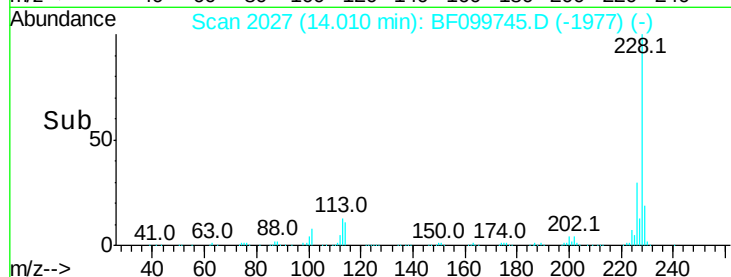
229 19.3 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.257 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF099745.D

Acq: 21 Oct 2017 23:45

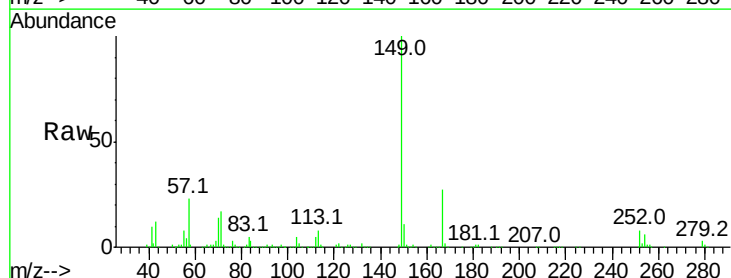
Tgt Ion:149 Resp: 258320

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

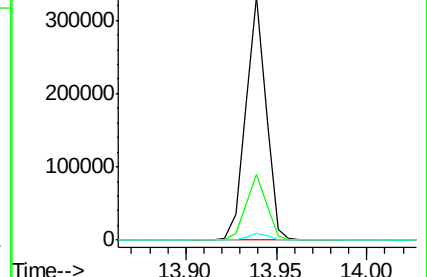
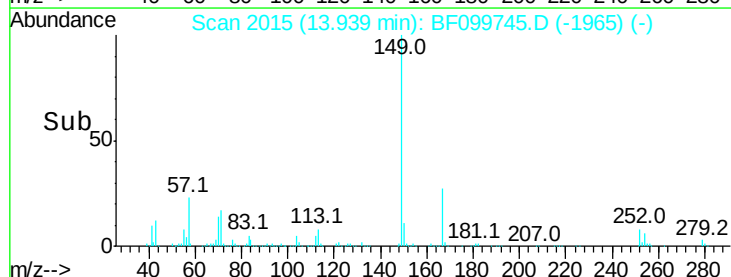
279 3.0 3.0 4.4

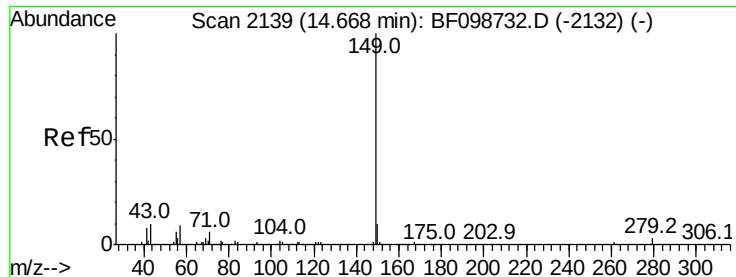


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

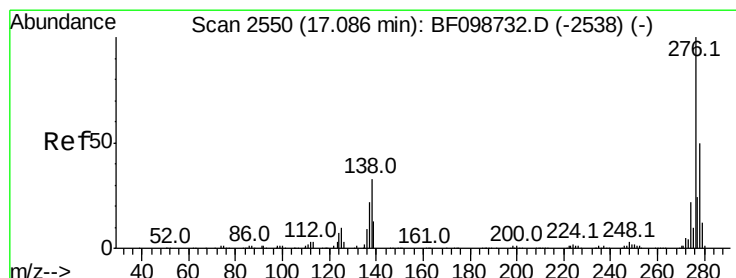
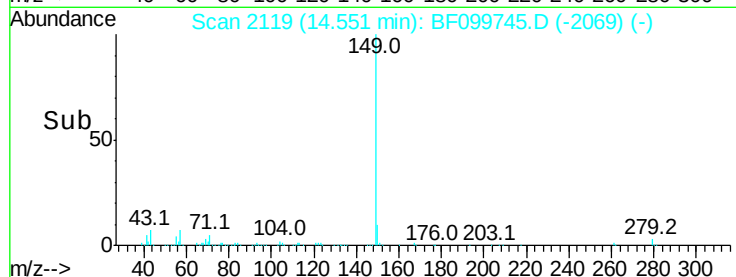
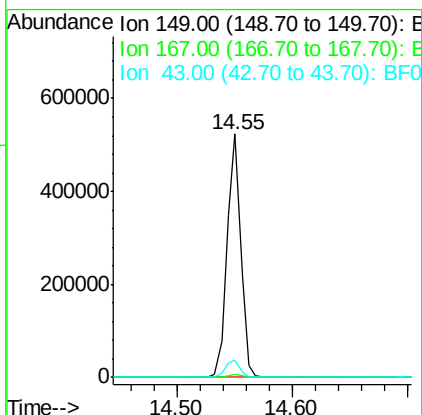
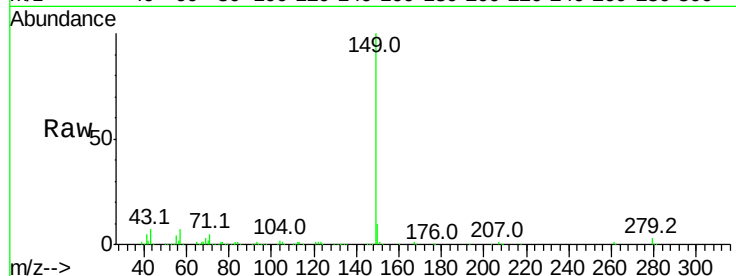




#84
 Di-n-octyl phthalate
 Concen: 39.249 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

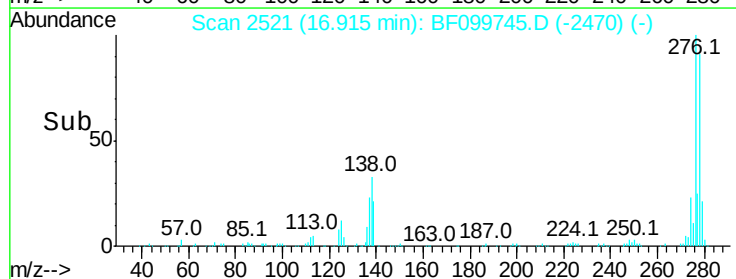
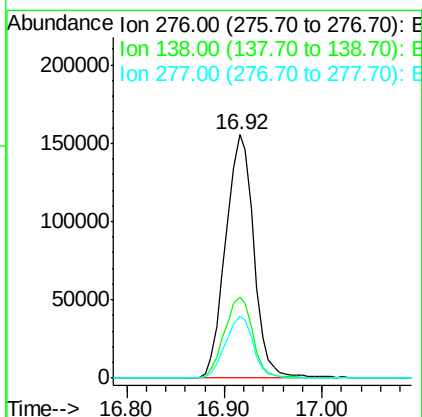
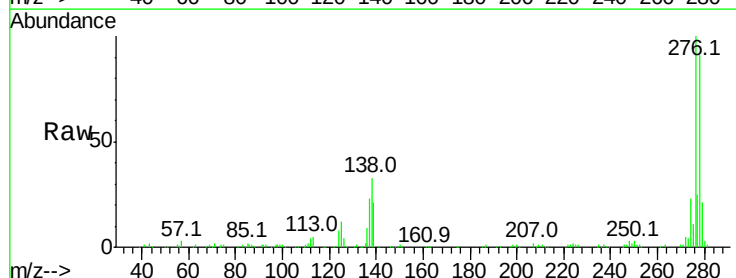
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

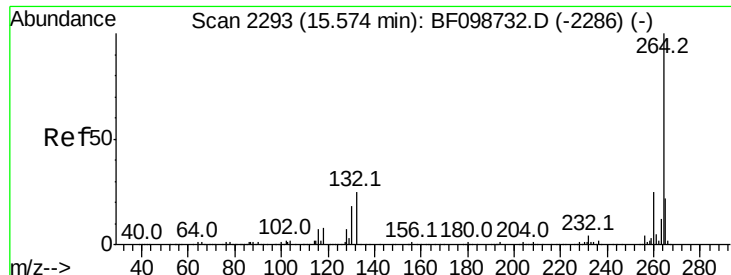
Tot Ion:149 Resp: 426736
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 7.9 8.4 12.6#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.472 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: BF099745.D
 Acq: 21 Oct 2017 23:45

Tgt Ion:276 Resp: 312175
 Ion Ratio Lower Upper
 276 100
 138 33.7 25.0 37.6
 277 25.3 20.1 30.1

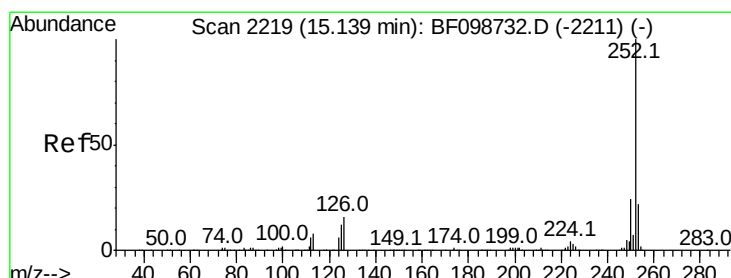
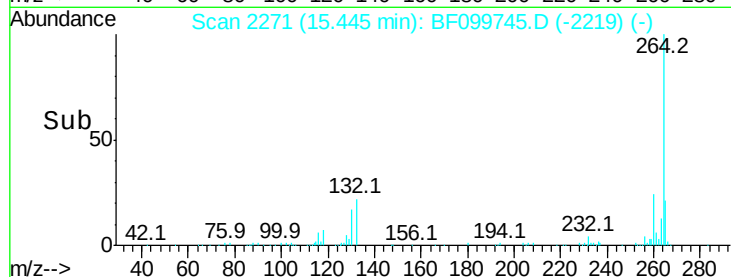
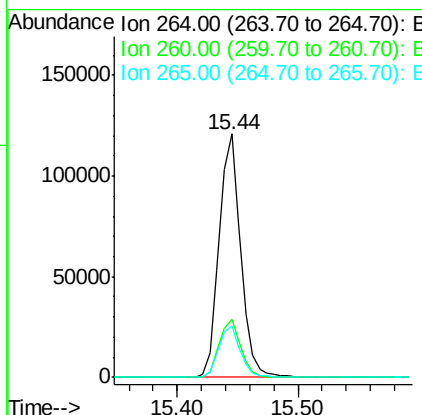
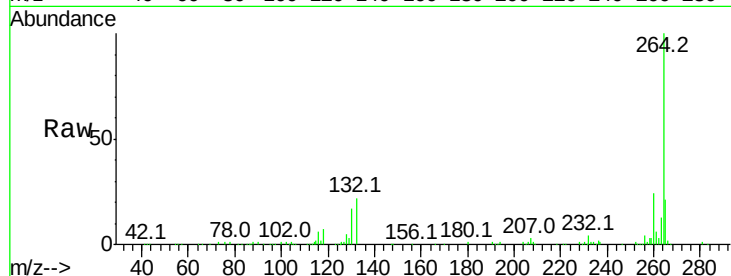




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

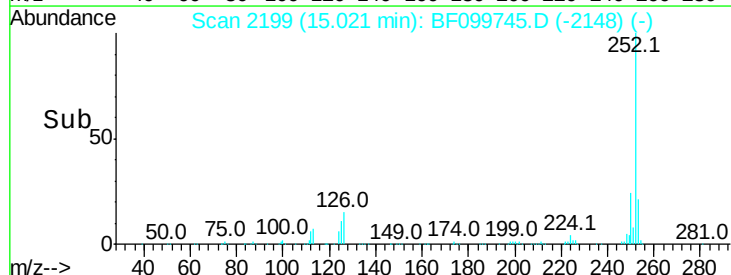
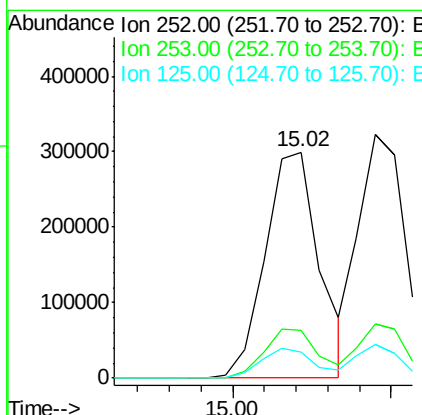
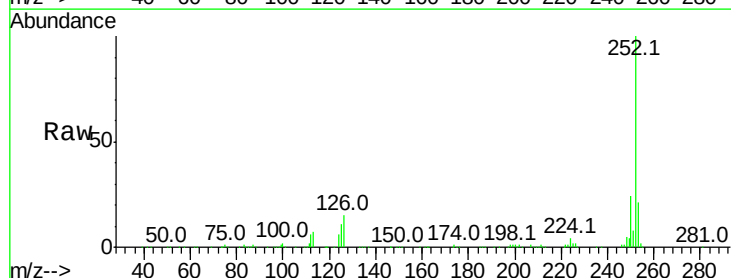
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

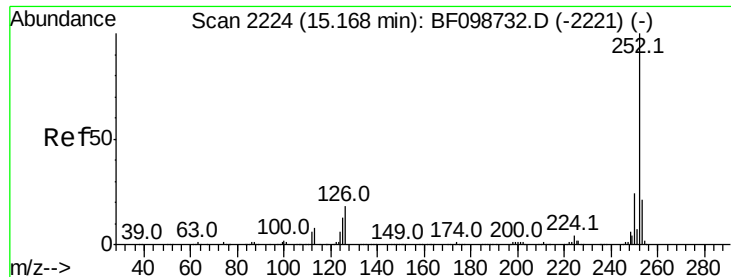
Tot Ion:264 Resp: 148728
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 38.955 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:252 Resp: 356217
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.6
125 11.3 9.0 13.6

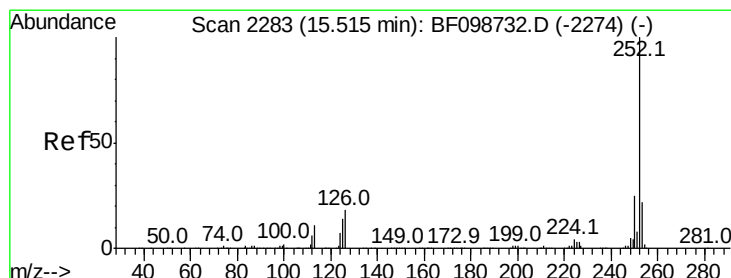
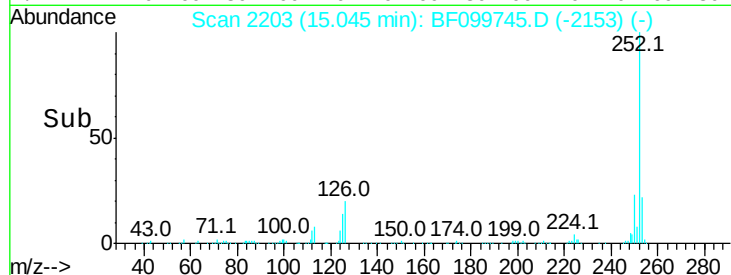
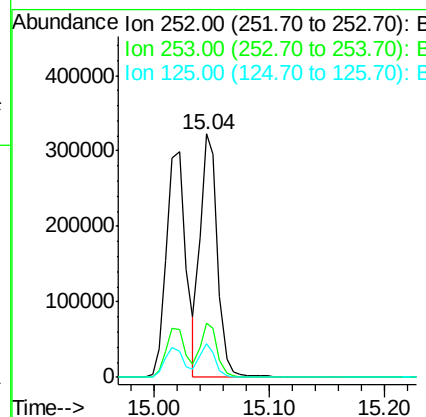
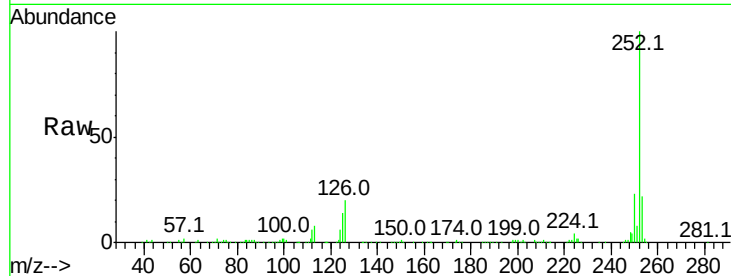




#88
Benzo(k)fluoranthene
Concen: 37.453 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

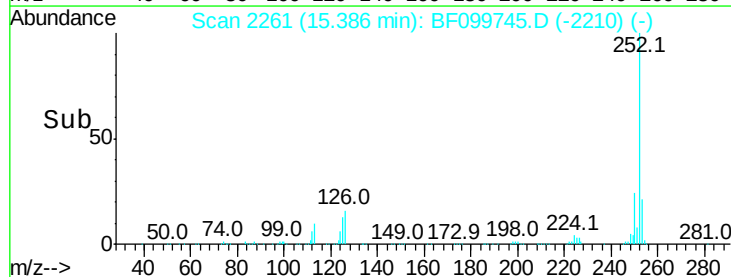
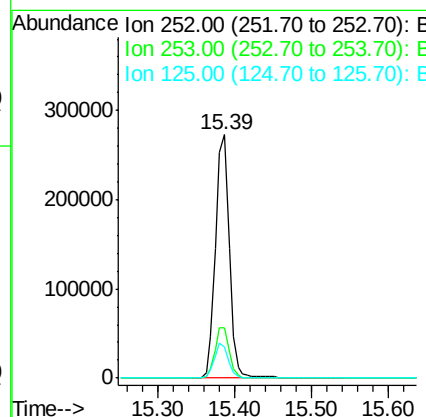
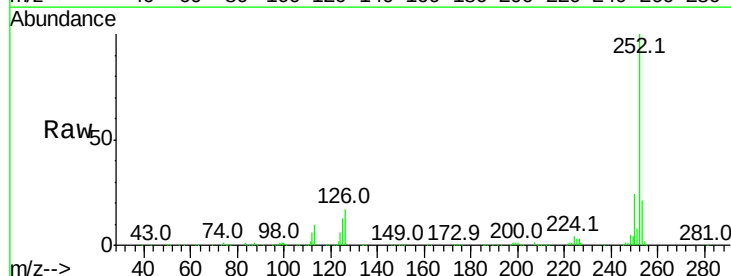
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

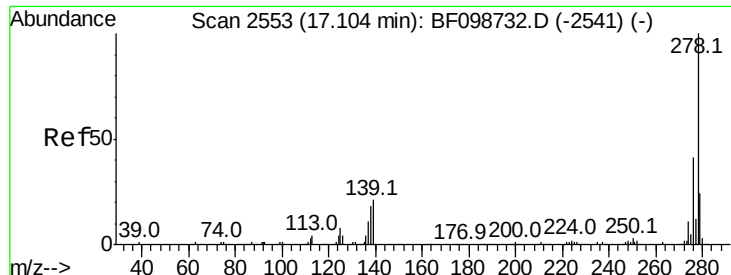
Tot Ion:252 Resp: 338273
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.7 10.2 15.2



#89
Benzo(a)pyrene
Concen: 40.122 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:252 Resp: 336780
Ion Ratio Lower Upper
252 100
253 20.7 17.1 25.7
125 12.7 9.8 14.6

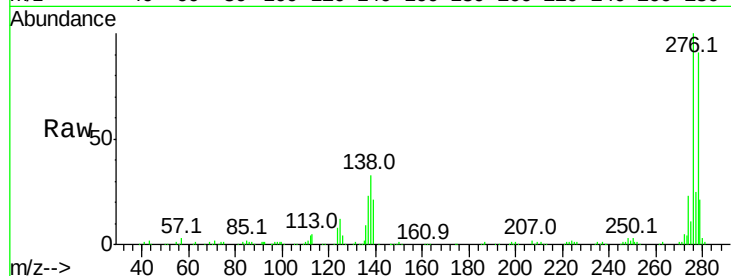




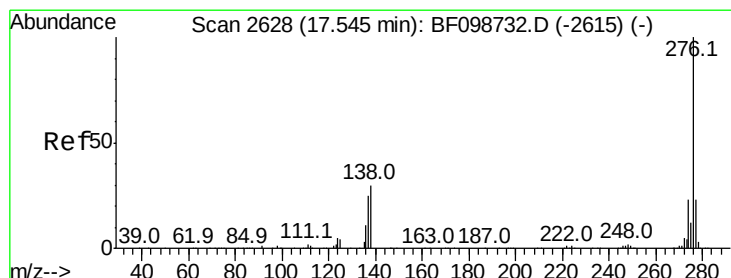
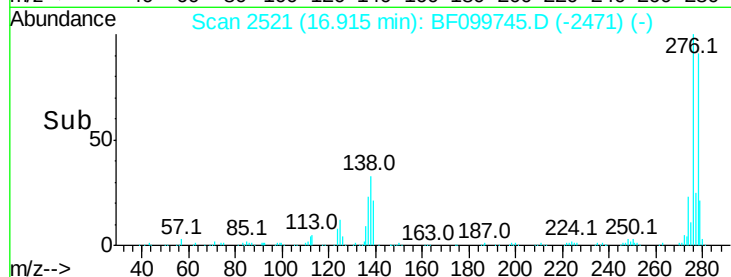
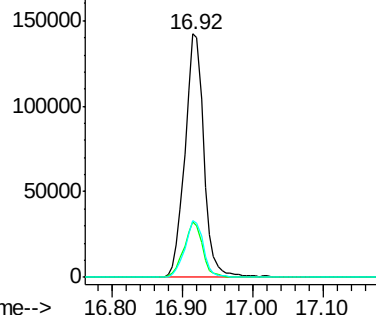
#90
Dibenzo(a,h)anthracene
Concen: 39.521 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 265489
Ion Ratio Lower Upper
278 100
139 22.7 15.9 23.9
279 23.3 19.0 28.4

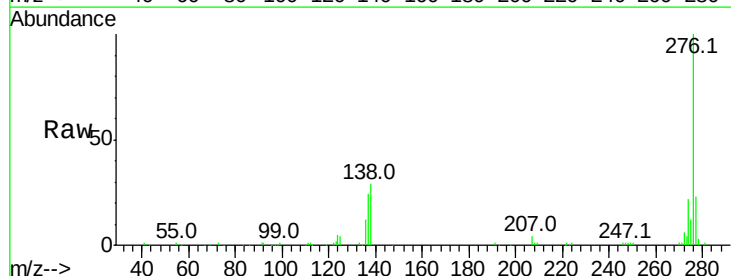


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 36.361 ng
RT: 17.36 min Scan# 2596
Delta R.T. 0.00 min
Lab File: BF099745.D
Acq: 21 Oct 2017 23:45

Tgt Ion:276 Resp: 241443
Ion Ratio Lower Upper
276 100
277 22.8 17.9 26.9
138 28.6 21.8 32.8



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

