

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097765.D
 Acq On : 17 Aug 2017 4:03
 Operator : SJ/JU
 Sample : I4773-04MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Quant Time: Aug 17 07:33:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142056	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	557433	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	236417	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	365170	20.00	ng	0.00
75) Chrysene-d12	13.94	240	260731	20.00	ng	0.00
86) Perylene-d12	15.37	264	237342	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1035432	110.87	ng	0.02
7) Phenol-d6	6.42	99	1397879	110.16	ng	0.01
23) Nitrobenzene-d5	7.35	82	861364	83.94	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	212790	103.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1167111	72.53	ng	0.00
78) Terphenyl-d14	12.89	244	595057	47.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	152939	29.36	ng	90
3) Pyridine	3.27	79	435774	30.27	ng	86
4) n-Nitrosodimethylamine	3.22	42	174580	31.51	ng	# 75
6) Aniline	6.45	93	204784	11.49	ng	99
8) 2-Chlorophenol	6.57	128	351955	35.73	ng	97
9) Benzaldehyde	6.33	77	152641	18.99	ng	90
10) Phenol	6.43	94	532738	35.90	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	398589	35.58	ng	95
12) 1,3-Dichlorobenzene	6.72	146	382270	36.08	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	453085	42.05	ng	# 93
14) 1,2-Dichlorobenzene	6.96	146	726266	73.10	ng	99
15) Benzyl Alcohol	6.93	79	355938	37.47	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	529011	35.10	ng	90
17) 2-Methylphenol	7.04	107	317819	36.62	ng	97
18) Hexachloroethane	7.29	117	135446	32.06	ng	# 77
19) n-Nitroso-di-n-propylamine	7.20	70	304750	35.08	ng	90
20) 3+4-Methylphenols	7.19	107	387691	36.57	ng	93
22) Acetophenone	7.19	105	528244	35.87	ng	# 91
24) Nitrobenzene	7.36	77	439000	38.42	ng	91
25) Isophorone	7.60	82	797772	37.39	ng	96
26) 2-Nitrophenol	7.68	139	167141	41.21	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	322058	36.19	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	508921	36.28	ng	100
29) 2,4-Dichlorophenol	7.92	162	285509	38.65	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	298805	36.49	ng	100
31) Naphthalene	8.09	128	1601887	55.35	ng	100
32) Benzoic acid	7.85	122	238045	38.22	ng	90
33) 4-Chloroaniline	8.14	127	140268	11.49	ng	98
34) Hexachlorobutadiene	8.20	225	165588	34.63	ng	97
35) Caprolactam	8.51	113	70044	27.89	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	329464	34.72	ng	# 82
37) 2-Methylnaphthalene	8.78	142	709533	39.99	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	267836	36.91	ng	98
40) Hexachlorocyclopentadiene	8.93	237	74394	21.34	ng	99

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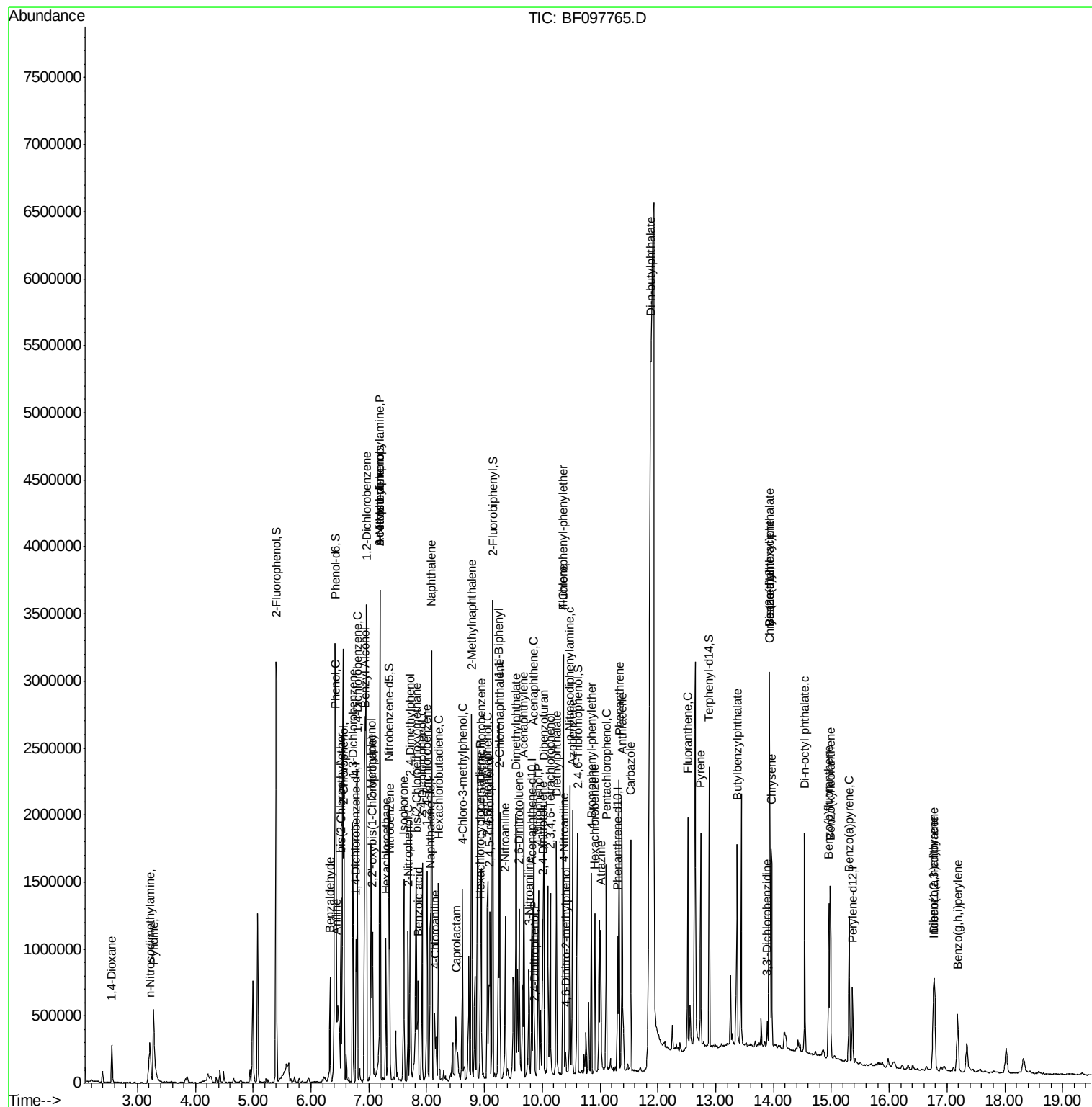
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	186045	38.19	nq	96
43) 2,4,5-Trichlorophenol	9.10	196	185511	38.39	nq	96
45) 1,1'-Biphenyl	9.25	154	767747	35.61	nq	97
46) 2-Chloronaphthalene	9.27	162	550317	34.55	nq	# 93
47) 2-Nitroaniline	9.36	65	210434	39.41	nq	97
48) Acenaphthylene	9.68	152	854318	34.15	nq	99
49) Dimethylphthalate	9.55	163	843808	48.83	nq	100
50) 2,6-Dinitrotoluene	9.60	165	132858	38.51	nq	# 58
51) Acenaphthene	9.85	154	537189	34.05	nq	99
52) 3-Nitroaniline	9.77	138	101728	22.86	nq	82
53) 2,4-Dinitrophenol	9.87	184	19856	20.71	nq	# 81
54) Dibenzofuran	10.03	168	771381	36.48	nq	99
55) 4-Nitrophenol	9.93	139	216323	60.93	nq	# 44
56) 2,4-Dinitrotoluene	10.00	165	164824	38.07	nq	# 57
57) Fluorene	10.37	166	560987	34.32	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	145888	38.99	nq	# 92
59) Diethylphthalate	10.25	149	676911	37.46	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	271340	35.73	nq	# 86
61) 4-Nitroaniline	10.38	138	123471	29.19	nq	73
62) Azobenzene	10.52	77	751990	35.03	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	16735	16.36	nq	# 80
65) n-Nitrosodiphenylamine	10.48	169	504840	40.60	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	157502	41.53	nq	95
67) Hexachlorobenzene	10.91	284	142261	36.81	nq	# 81
68) Atrazine	11.02	200	134458	40.77	nq	97
69) Pentachlorophenol	11.11	266	157736	69.99	nq	99
70) Phenanthrene	11.33	178	706150	36.29	nq	99
71) Anthracene	11.38	178	703109	35.62	nq	99
72) Carbazole	11.53	167	611980	32.67	nq	98
73) Di-n-butylphthalate	11.87	149	692269	32.08	nq	99
74) Fluoranthene	12.52	202	628264	30.93	nq	99
77) Pyrene	12.74	202	637474	29.89	nq	99
79) Butylbenzylphthalate	13.37	149	294665	36.04	nq	# 71
80) Benzo(a)anthracene	13.93	228	535042	34.24	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	30415	5.77	nq	# 94
82) Chrysene	13.97	228	527954	33.96	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	384053	42.39	nq	100
84) Di-n-octyl phthalate	14.54	149	719099	45.62	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	422922	36.98	nq	95
87) Benzo(b)fluoranthene	14.96	252	521725	34.87	nq	99
88) Benzo(k)fluoranthene	14.99	252	529659	37.68	nq	# 94
89) Benzo(a)pyrene	15.31	252	487065	36.78	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	358858	33.28	nq	98
91) Benzo(g,h,i)perylene	17.19	276	331112	29.43	nq	# 91

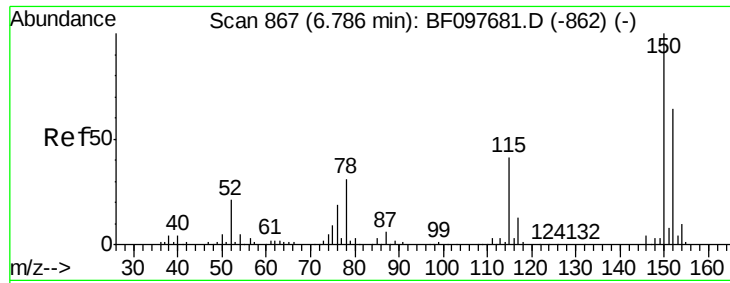
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

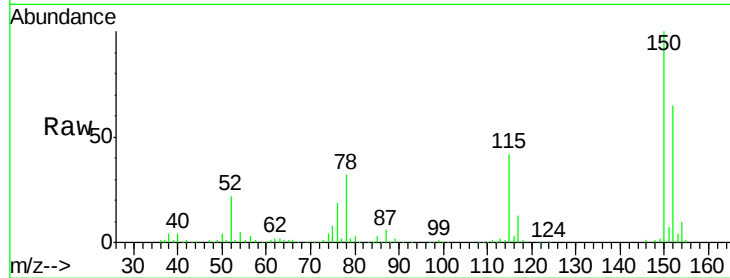
Tot Ion:152 Resp: 142056

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

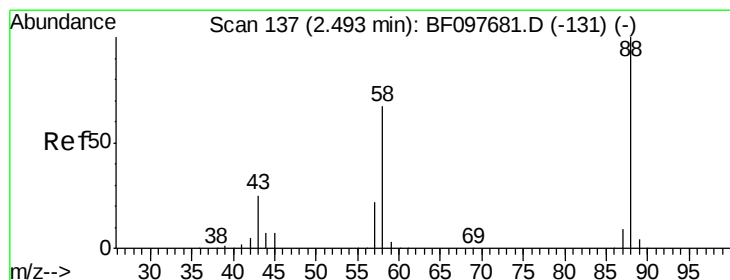
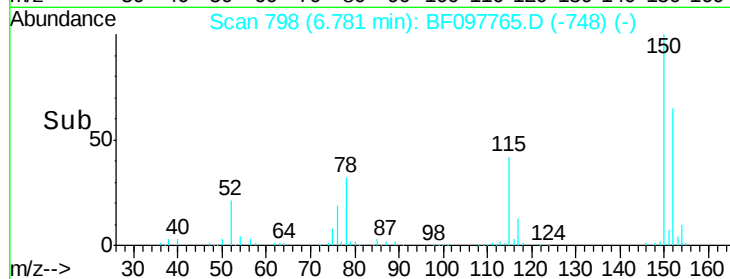
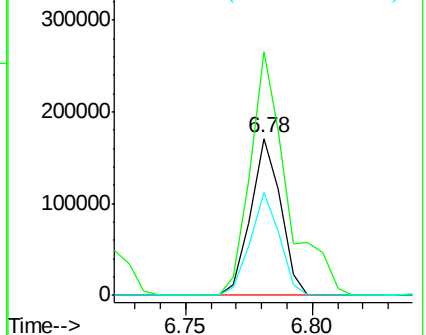
115 65.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.36 ng

RT: 2.56 min Scan# 80

Delta R.T. 0.06 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

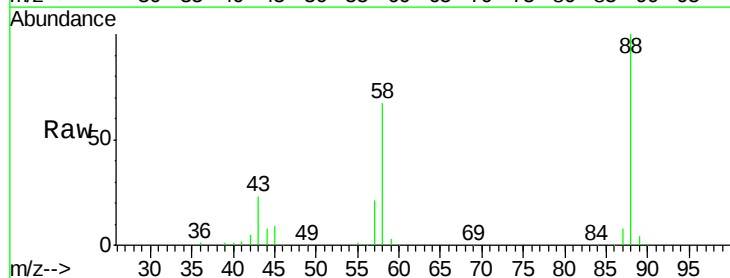
Tgt Ion: 88 Resp: 152939

Ion Ratio Lower Upper

88 100

58 67.3 61.4 92.0

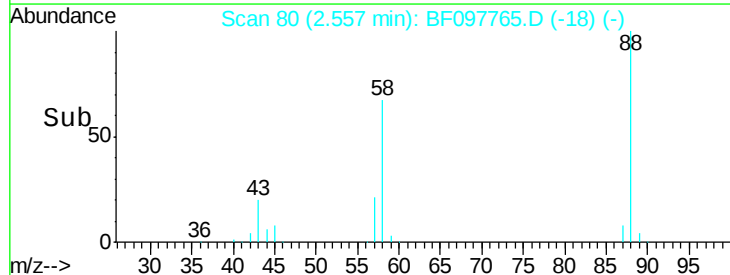
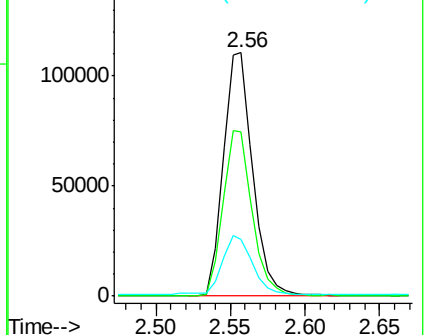
43 25.1 23.4 35.0

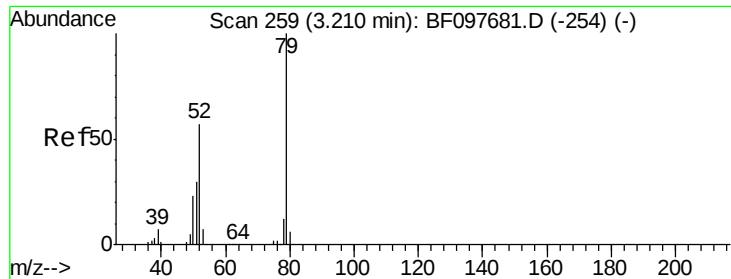


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

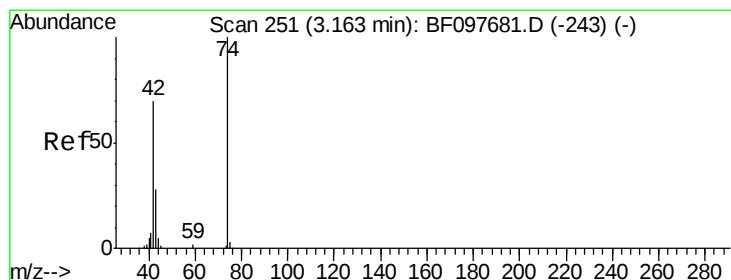
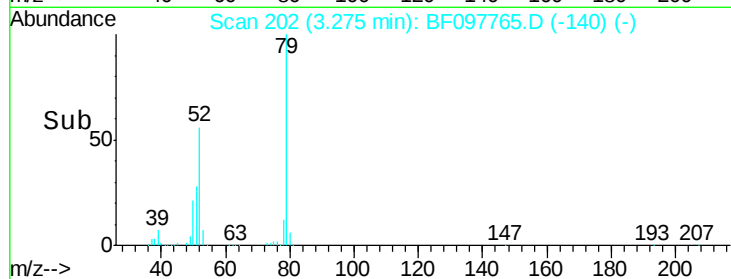
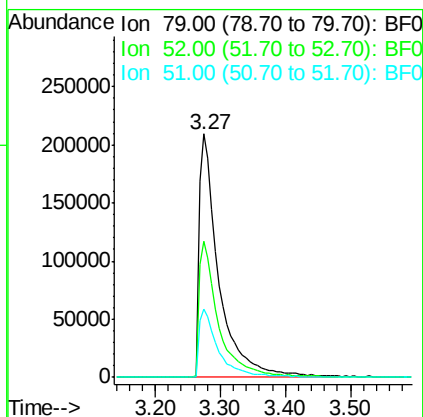
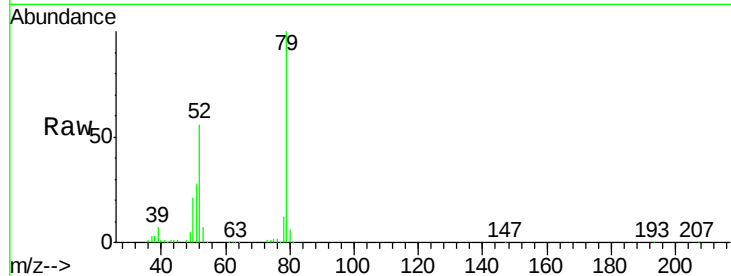




#3
 Pvridine
 Concen: 30.27 ng
 RT: 3.27 min Scan# 202
 Delta R.T. 0.06 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

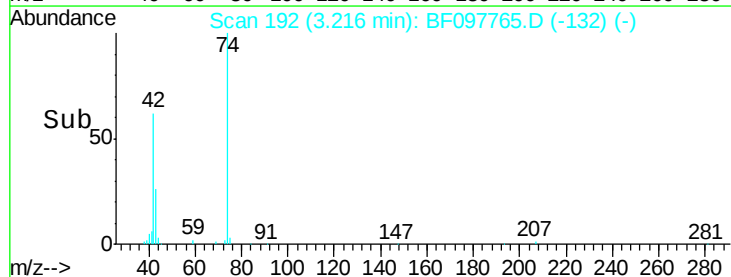
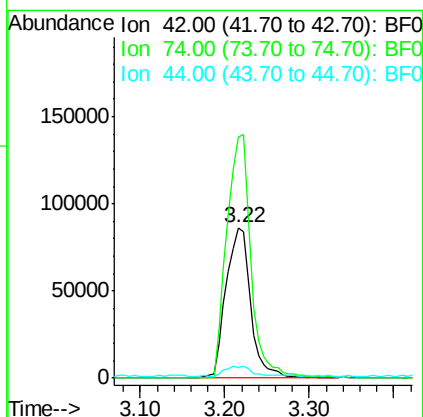
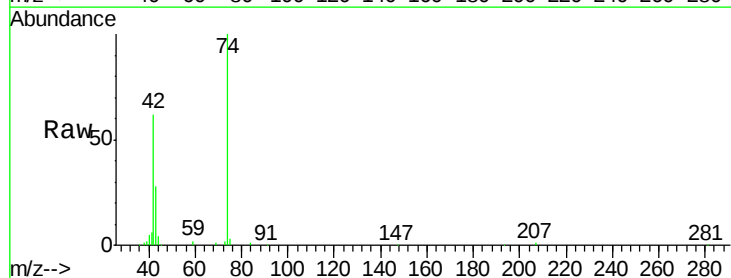
Instrument :
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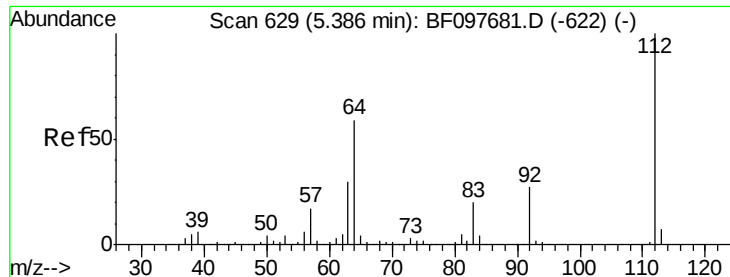
Tot Ion	Ratio	Lower	Upper
79	100		
52	56.1	54.8	82.2
51	28.0	27.0	40.4



#4
 n-Nitrosodimethylamine
 Concen: 31.51 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.05 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.4	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 110.87 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

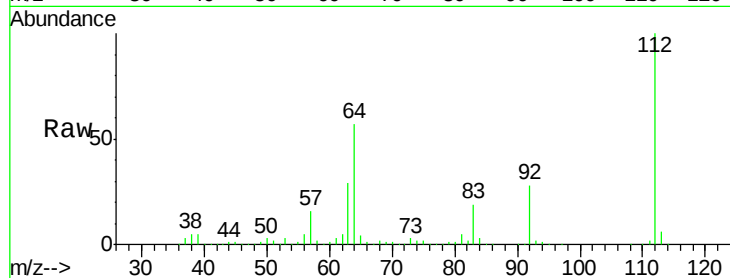
Tot Ion:112 Resp: 1035432

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

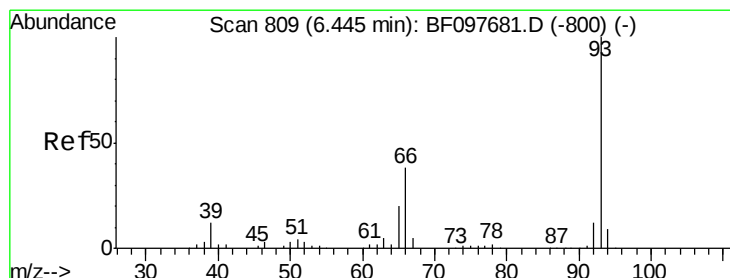
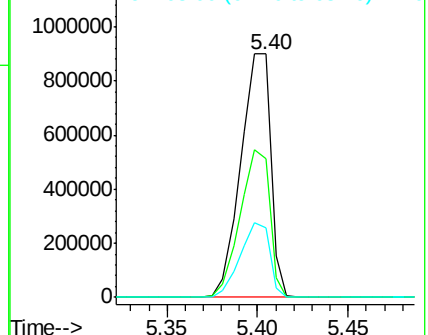
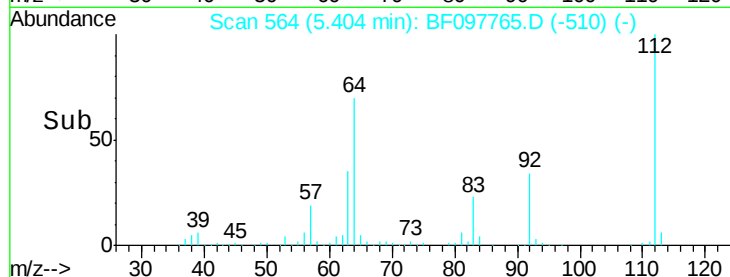
63 28.6 23.4 35.0



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: 11.49 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

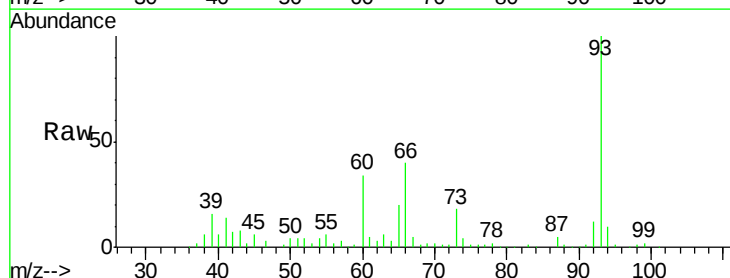
Tgt Ion: 93 Resp: 204784

Ion Ratio Lower Upper

93 100

66 40.1 32.9 49.3

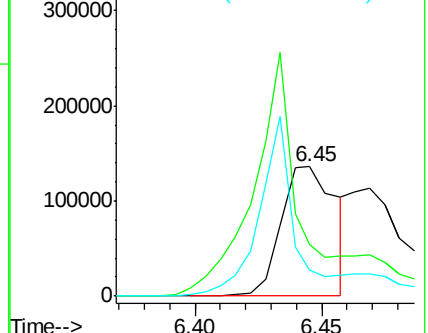
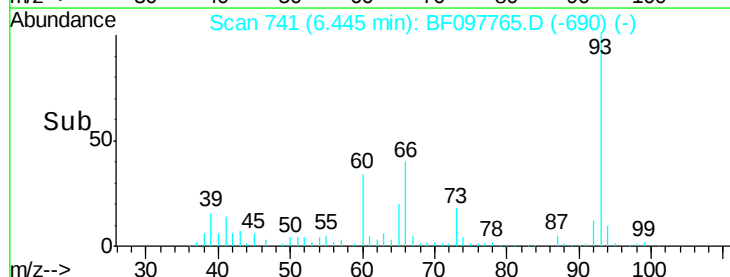
65 20.3 16.0 24.0

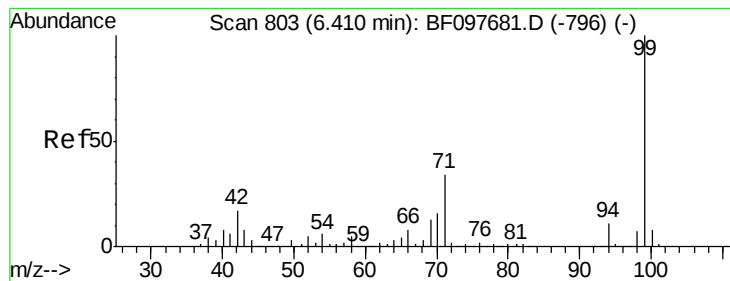


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.16 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

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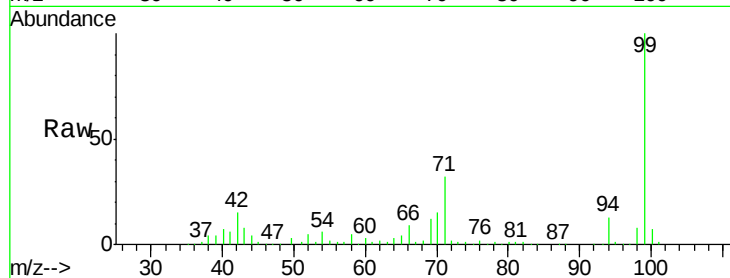
Tot Ion: 99 Resp: 1397879

Ion Ratio Lower Upper

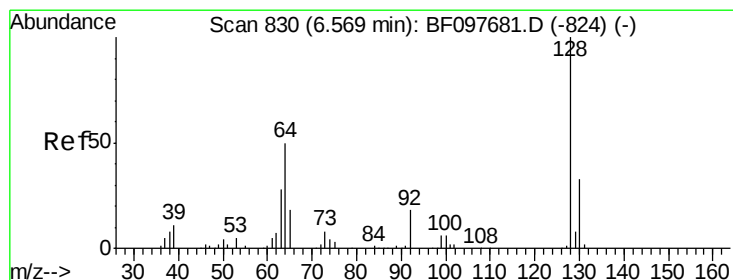
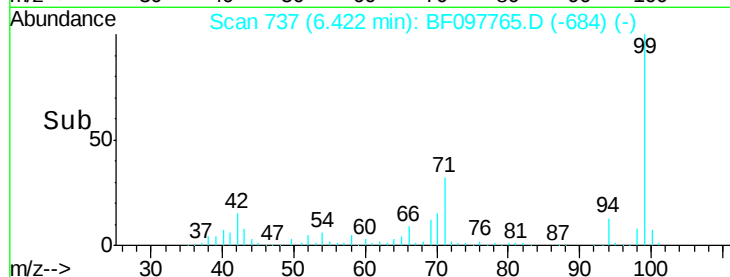
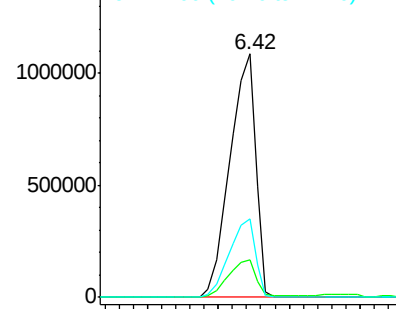
99 100

42 15.3 13.5 20.3

71 32.4 24.5 36.7



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: 35.73 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

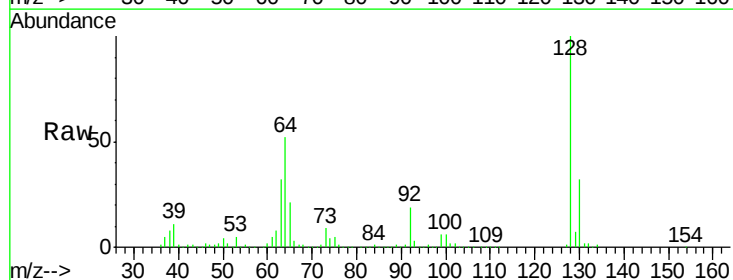
Tgt Ion:128 Resp: 351955

Ion Ratio Lower Upper

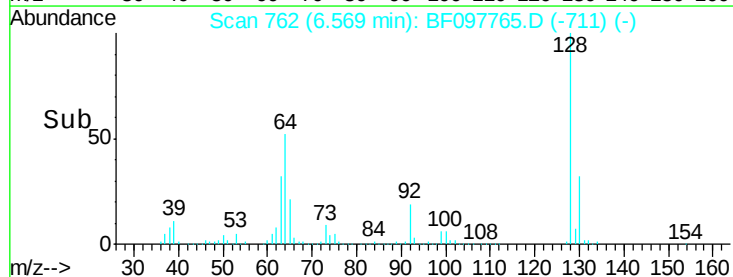
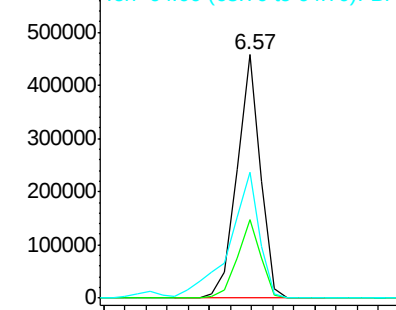
128 100

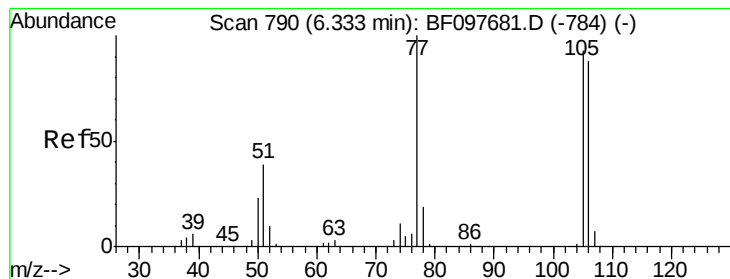
130 32.2 12.9 52.9

64 51.7 28.4 68.4



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: 18.99 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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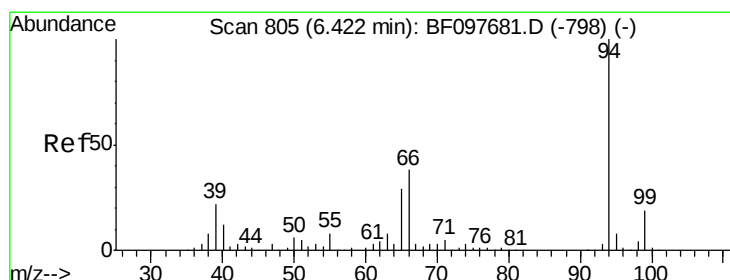
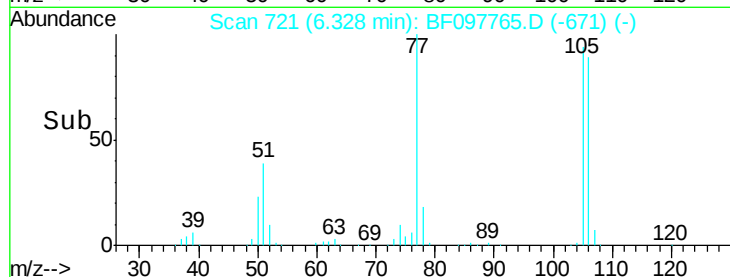
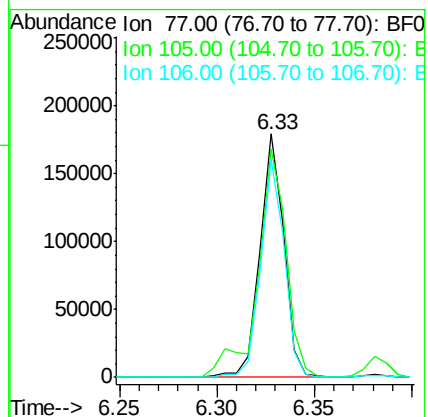
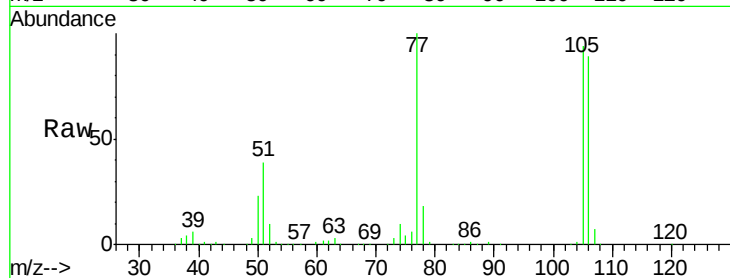
Tot Ion: 77 Resp: 152641

Ion Ratio Lower Upper

77 100

105 93.5 83.8 123.8

106 89.3 79.1 119.1



#10

Phenol

Concen: 35.90 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

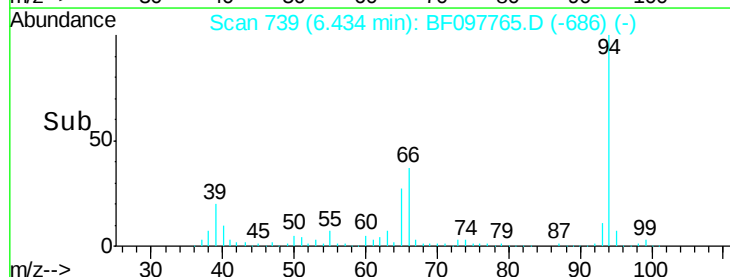
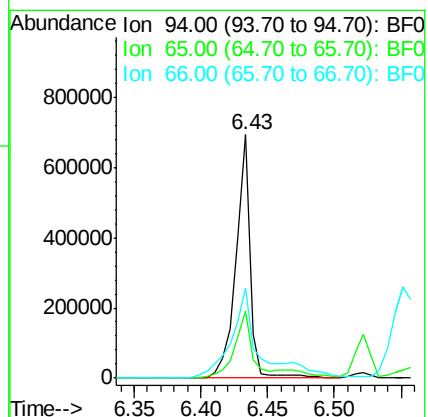
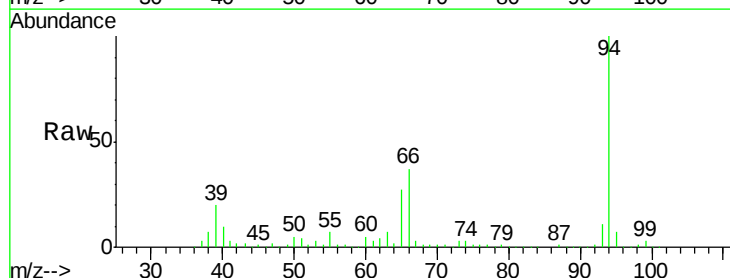
Tgt Ion: 94 Resp: 532738

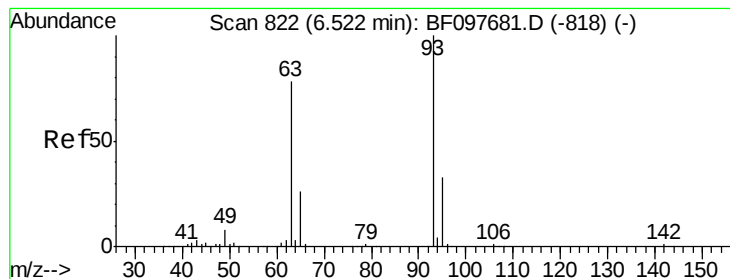
Ion Ratio Lower Upper

94 100

65 27.3 9.9 49.9

66 36.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.58 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

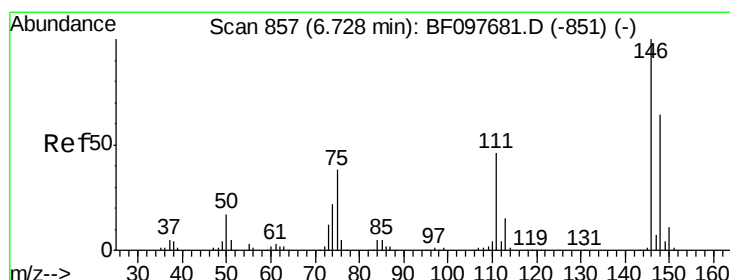
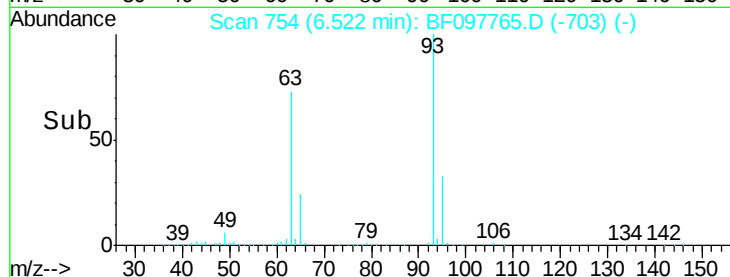
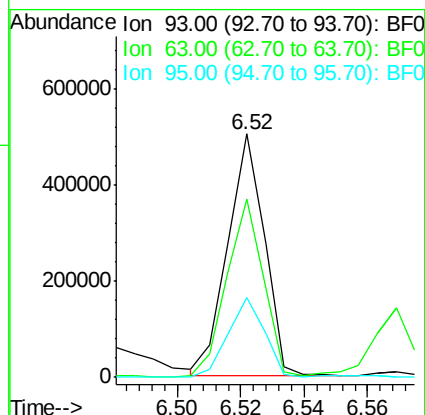
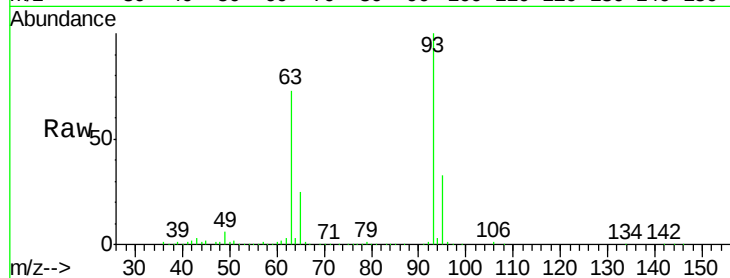
Tot Ion: 93 Resp: 398589

Ion Ratio Lower Upper

93 100

63 73.2 59.2 99.2

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.08 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

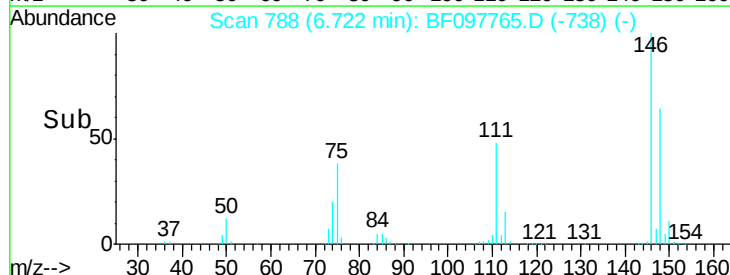
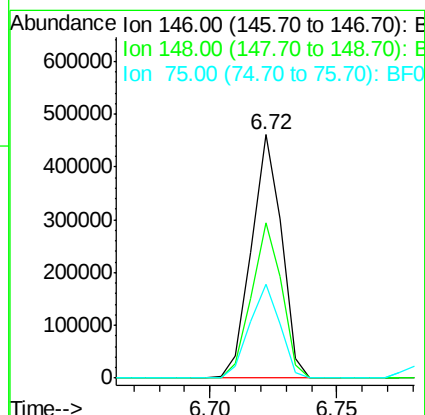
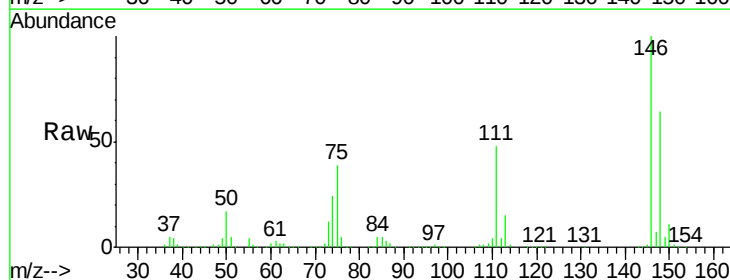
Tgt Ion: 146 Resp: 382270

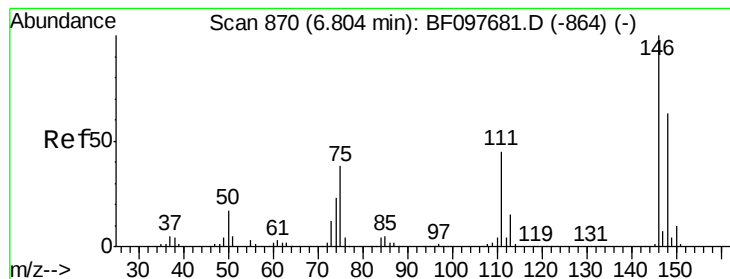
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 38.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 42.05 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

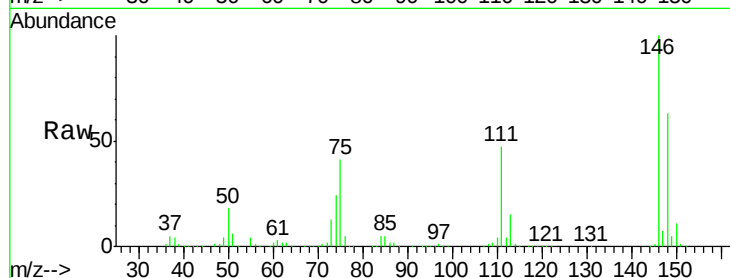
Tot Ion:146 Resp: 453085

Ion Ratio Lower Upper

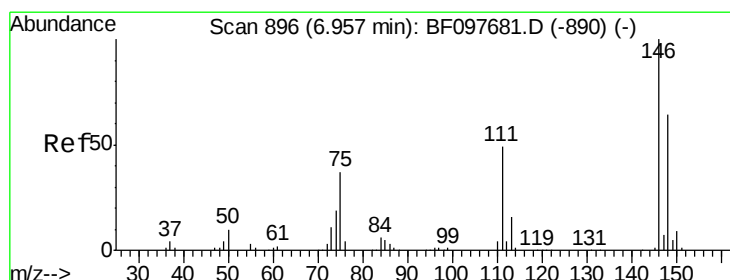
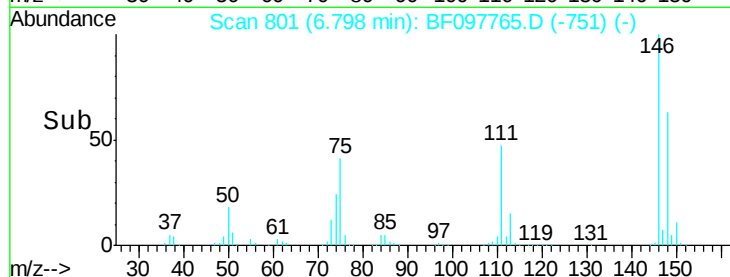
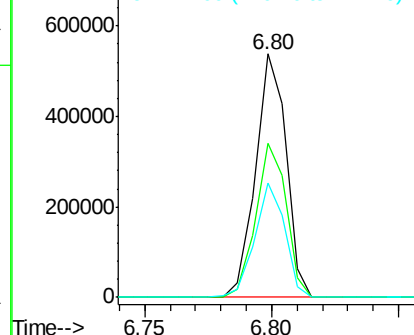
146 100

148 63.3 52.2 78.2

111 47.1 30.3 45.5#



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: 73.10 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

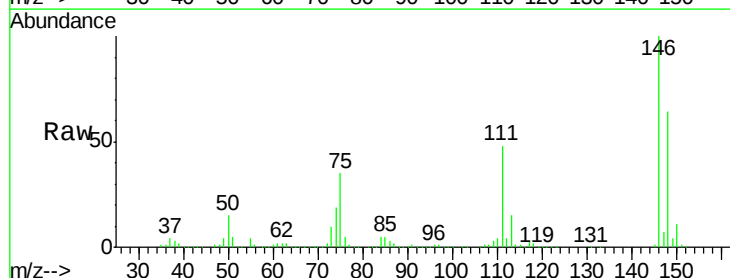
Tgt Ion:146 Resp: 726266

Ion Ratio Lower Upper

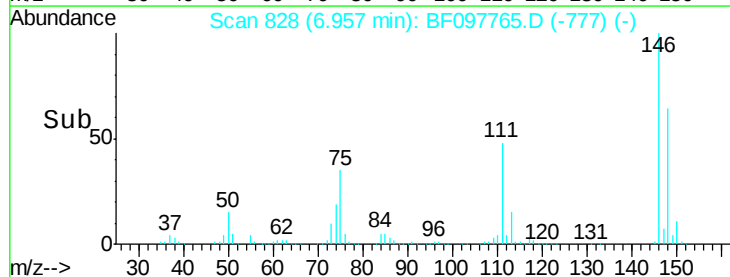
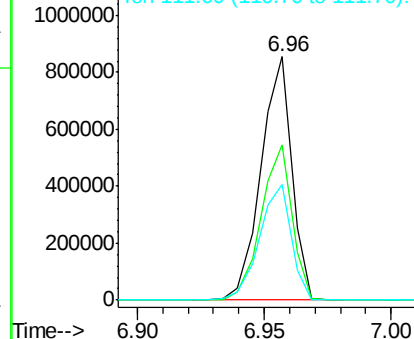
146 100

148 63.7 50.4 75.6

111 47.5 38.2 57.4



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: 37.47 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

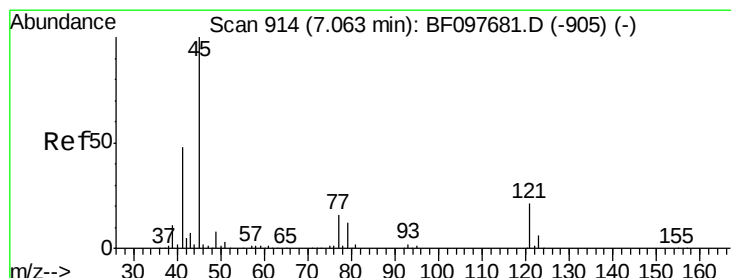
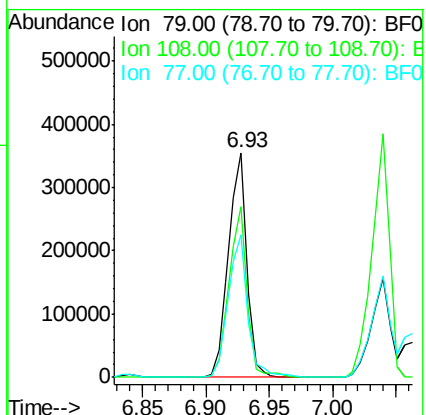
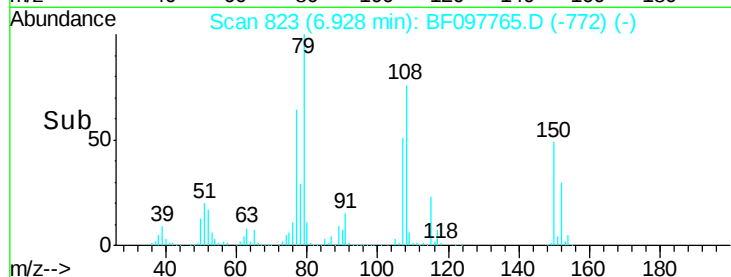
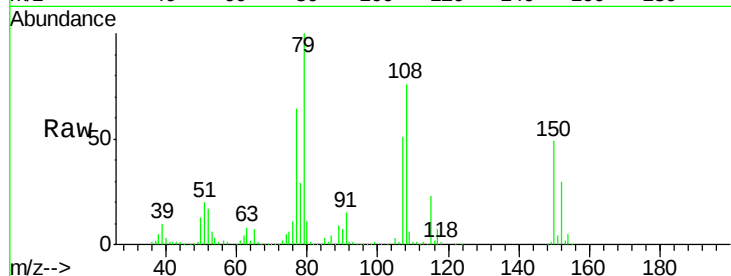
Tot Ion: 79 Resp: 355938

Ion Ratio Lower Upper

79 100

108 75.9 63.4 95.0

77 63.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.10 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

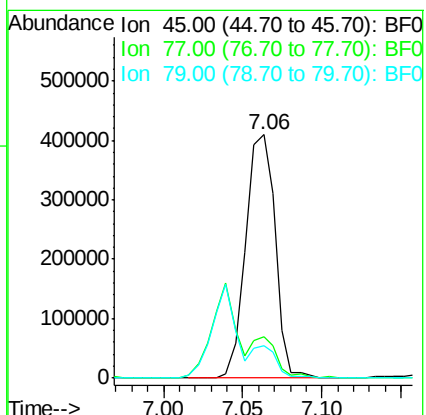
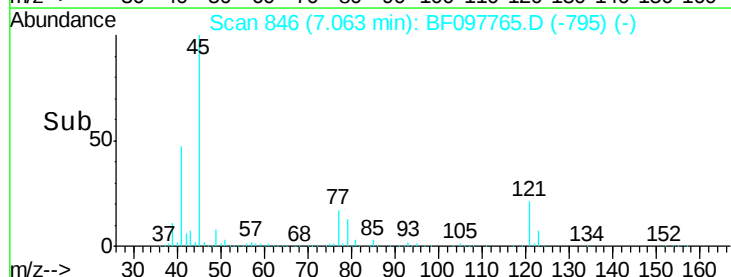
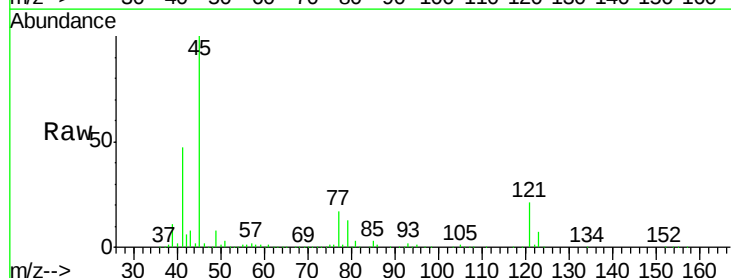
Tgt Ion: 45 Resp: 529011

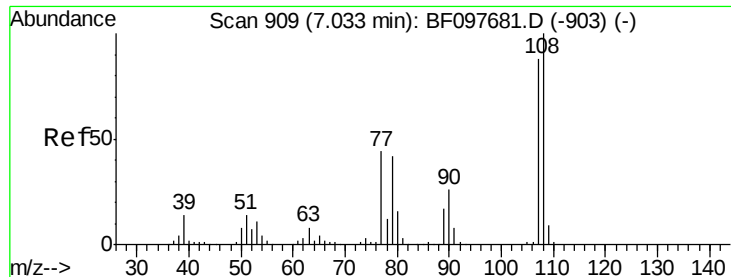
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.2

79 13.4 0.0 30.0

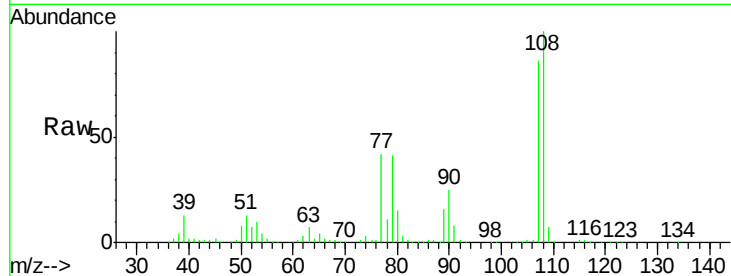




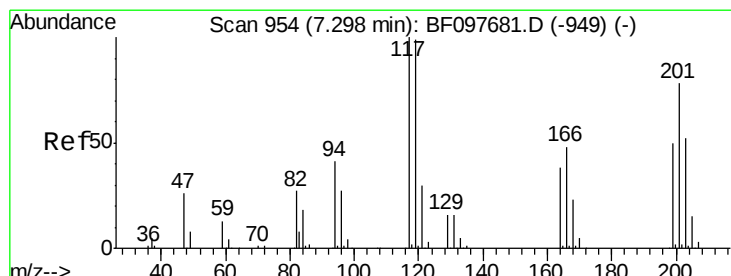
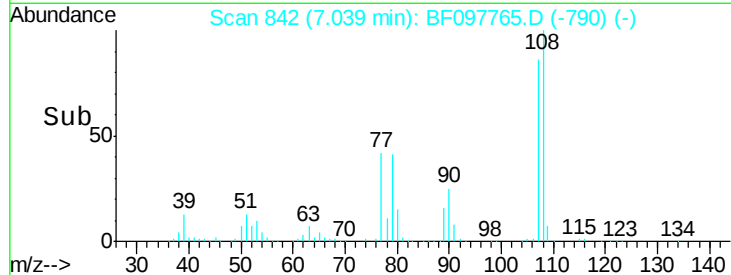
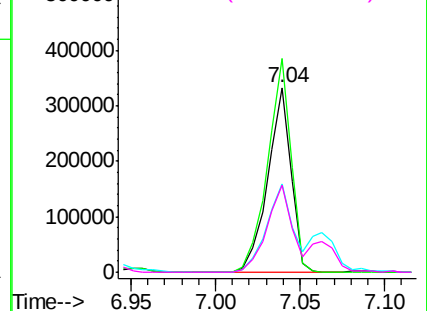
#17
2-Methylphenol
Concen: 36.62 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion:	107	Resp:	317819
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.4	140.0
77	48.3	35.8	53.6
79	47.3	34.8	52.2

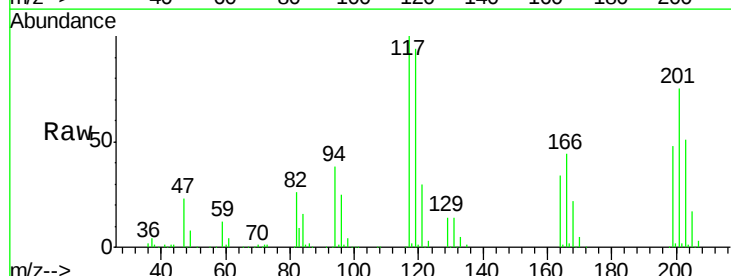


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

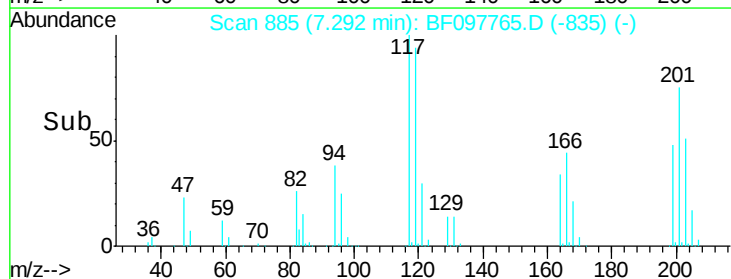
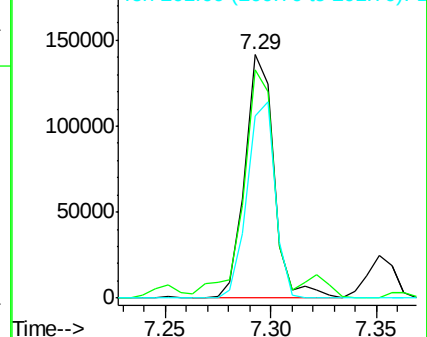


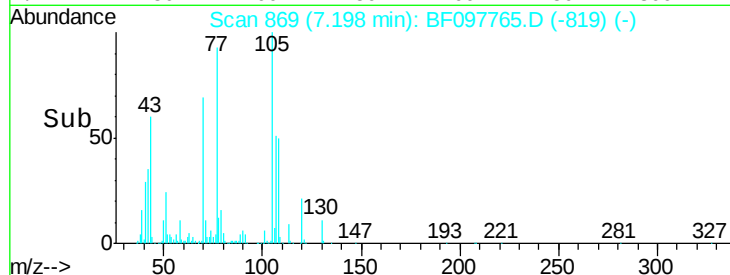
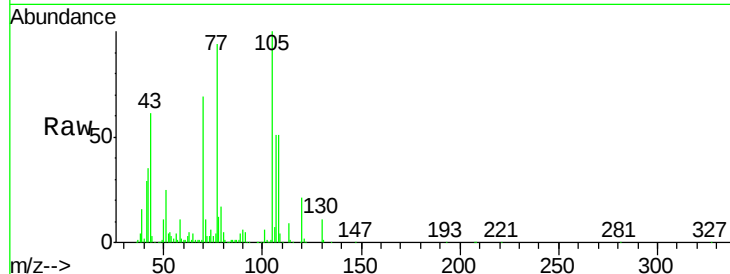
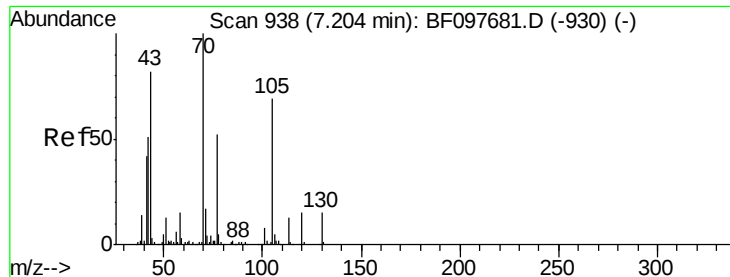
#18
Hexachloroethane
Concen: 32.06 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:	117	Resp:	135446
Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.0
201	75.1	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

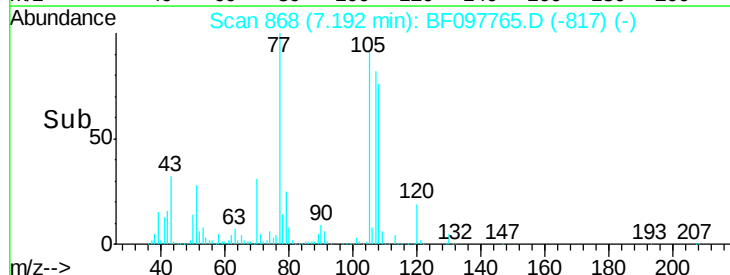
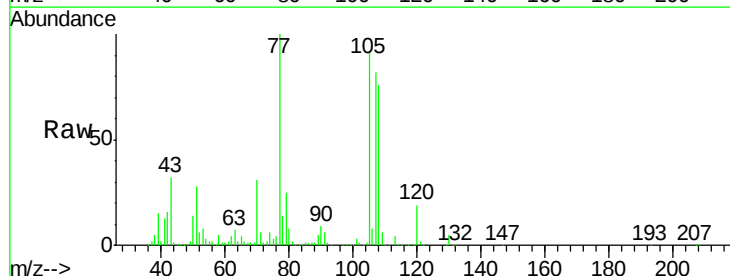
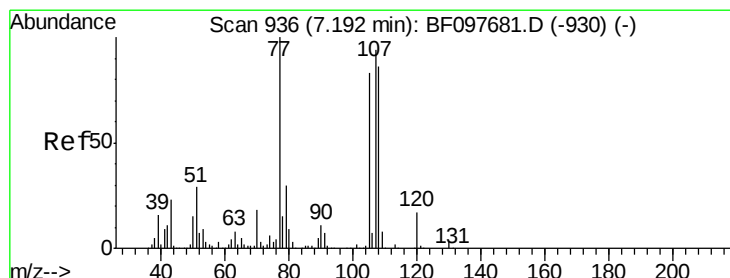
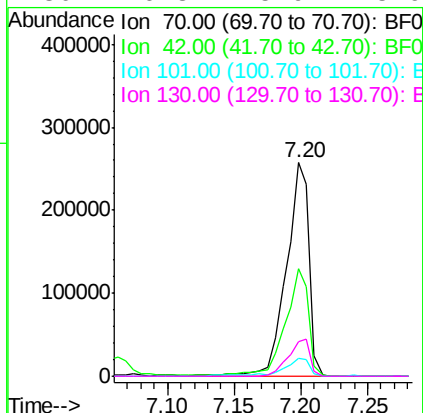




#19
n-Nitroso-di-n-propylamine
Concen: 35.08 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

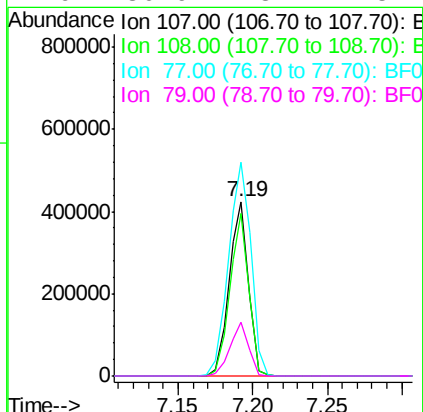
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

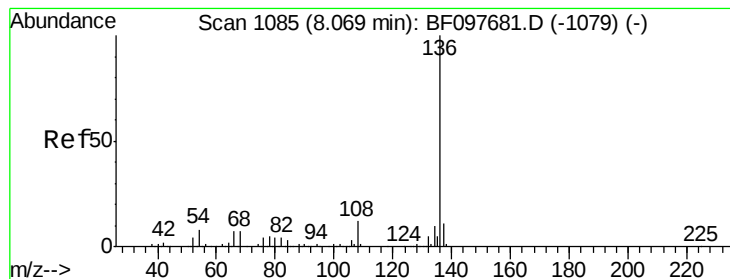
Tot Ion:	70	Resp:	304750
Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.2	70.8
101	8.4	7.2	10.8
130	16.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.57 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:	107	Resp:	387691
Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.0	111.0
77	122.6	90.5	130.5
79	30.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion:136 Resp: 557433

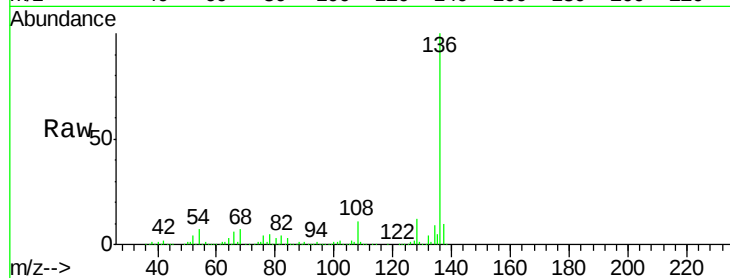
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.3 4.9 7.3

68 6.8 4.1 6.1#



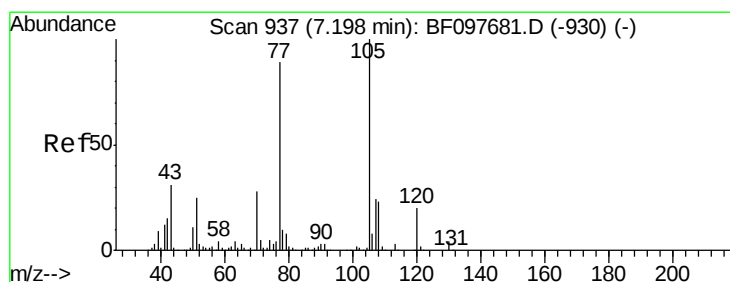
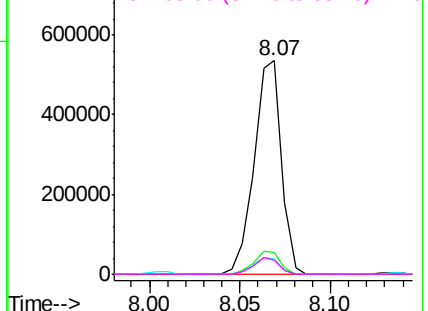
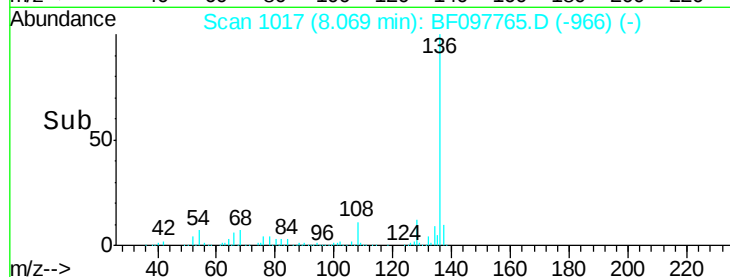
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.87 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:105 Resp: 528244

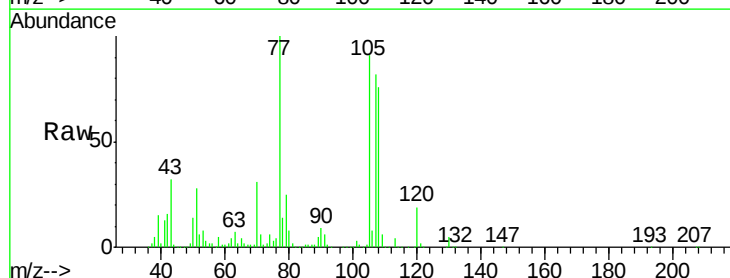
Ion Ratio Lower Upper

105 100

71 6.1 2.8 4.2#

51 30.8 30.7 46.1

120 20.4 17.4 26.0



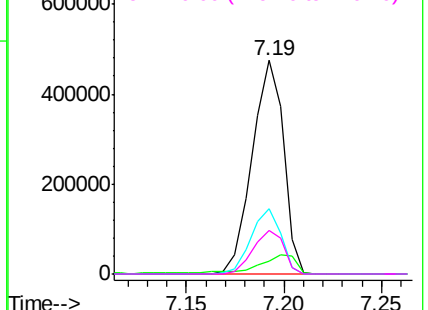
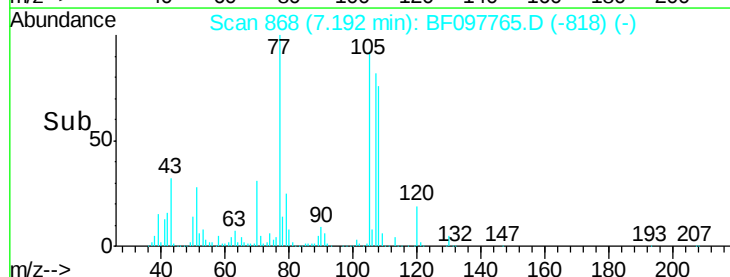
Abundance

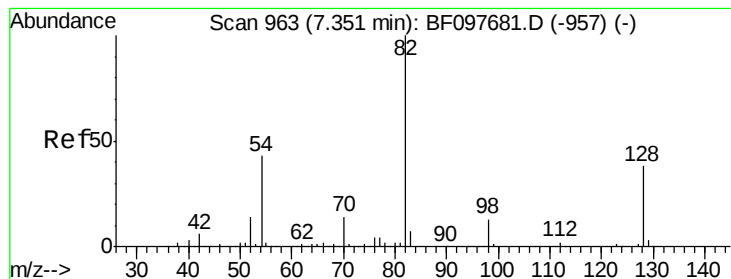
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.94 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

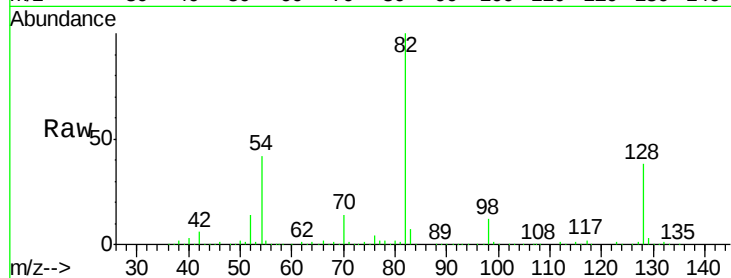
Tot Ion: 82 Resp: 861364

Ion Ratio Lower Upper

82 100

128 38.3 34.0 51.0

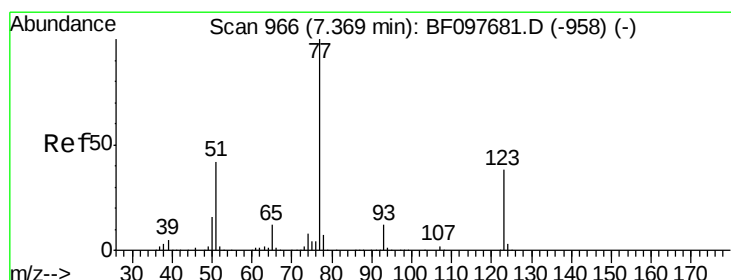
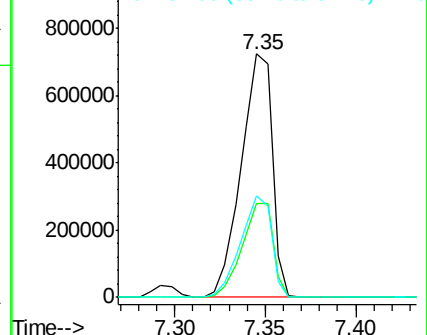
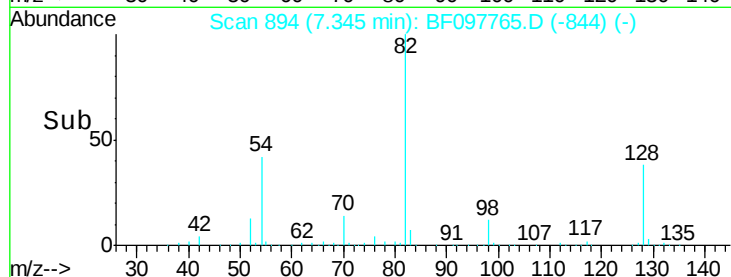
54 41.8 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.42 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

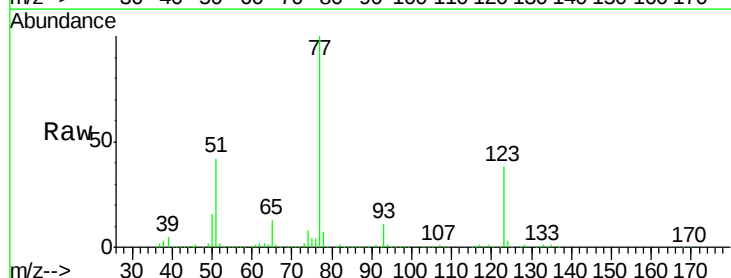
Tgt Ion: 77 Resp: 439000

Ion Ratio Lower Upper

77 100

123 37.6 35.8 53.8

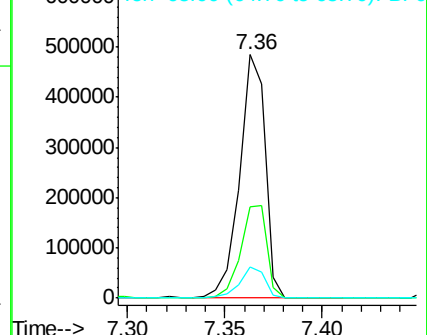
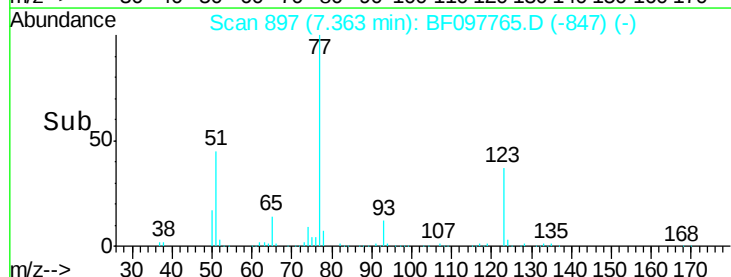
65 12.6 10.6 15.8

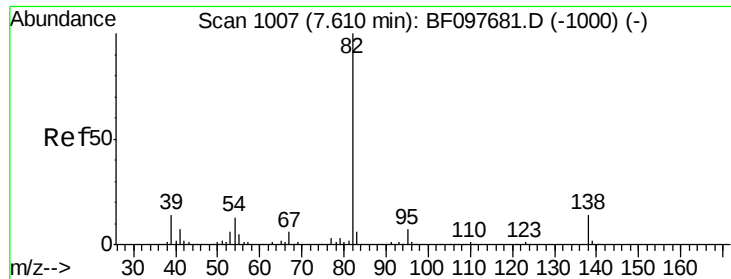


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.39 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

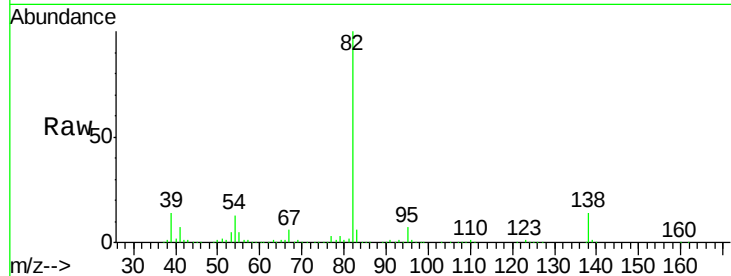
Tot Ion: 82 Resp: 797772

Ion Ratio Lower Upper

82 100

95 6.5 5.3 7.9

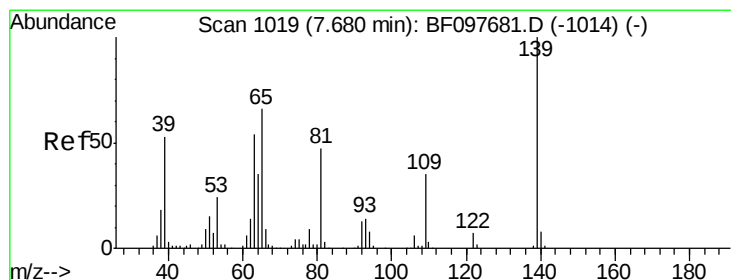
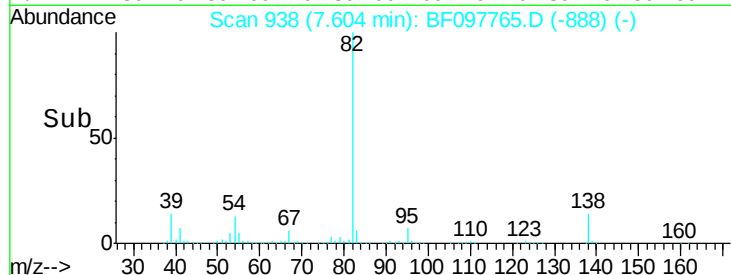
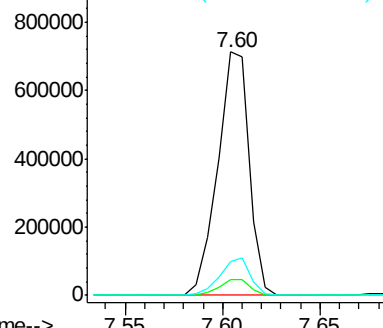
138 14.0 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

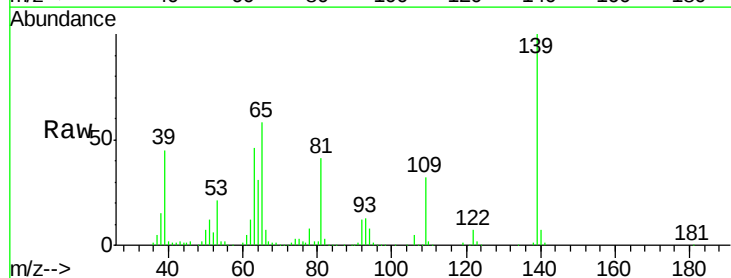
Tgt Ion: 139 Resp: 167141

Ion Ratio Lower Upper

139 100

109 31.6 21.0 31.6#

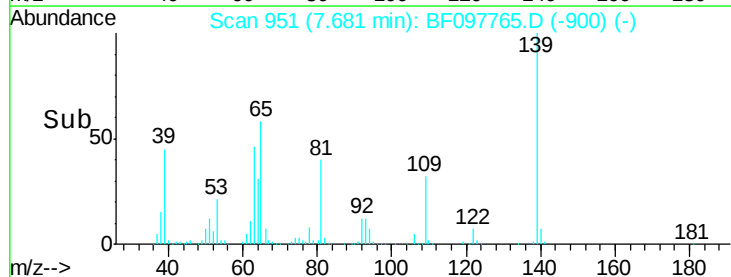
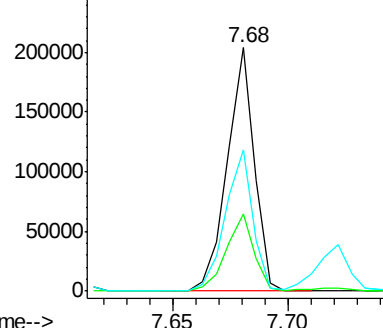
65 57.8 33.0 49.6#

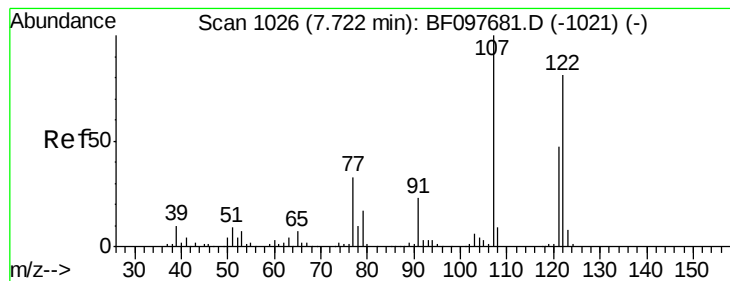


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 36.19 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

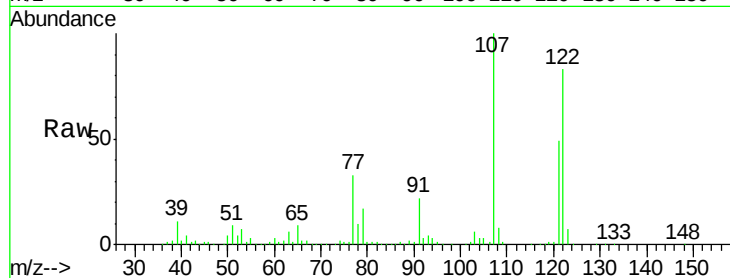
Tot Ion:122 Resp: 322058

Ion Ratio Lower Upper

122 100

107 119.8 89.2 133.8

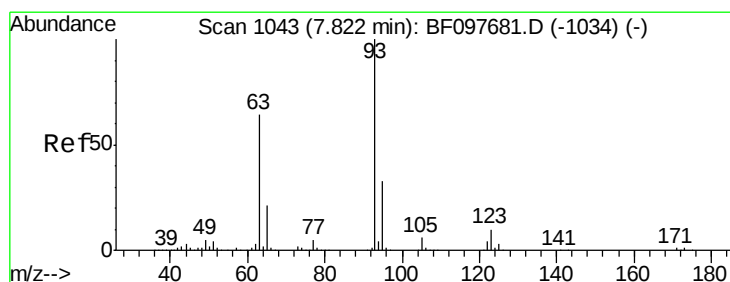
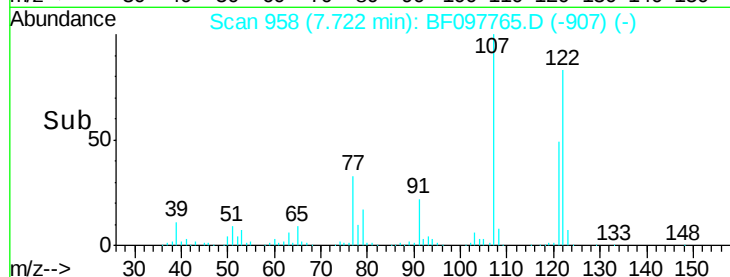
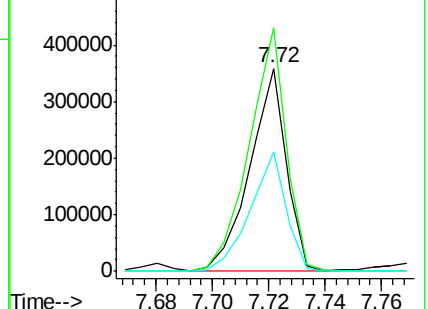
121 59.0 45.2 67.8



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: 36.28 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

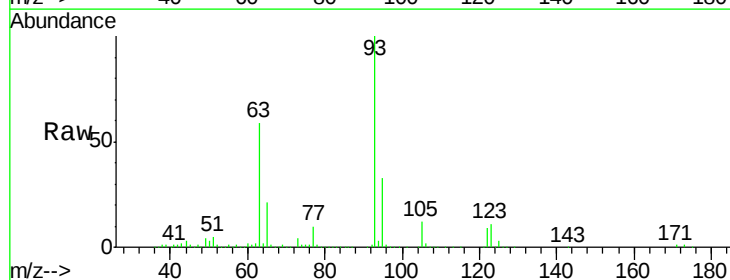
Tgt Ion: 93 Resp: 508921

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

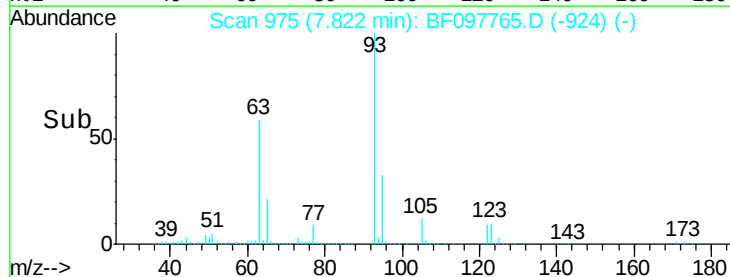
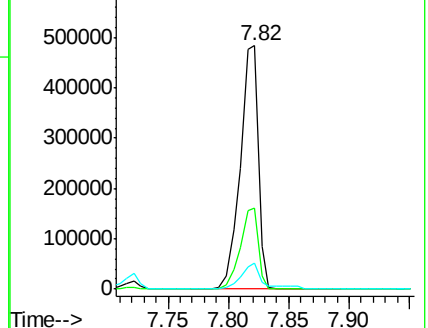
123 10.5 9.0 13.4

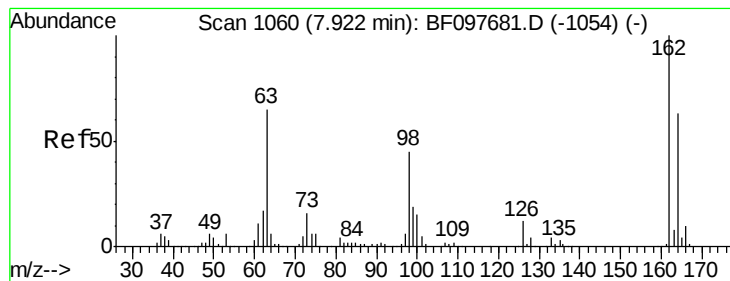


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.65 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

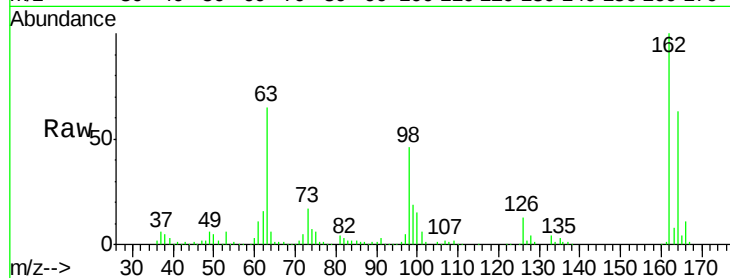
Tot Ion:162 Resp: 285509

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

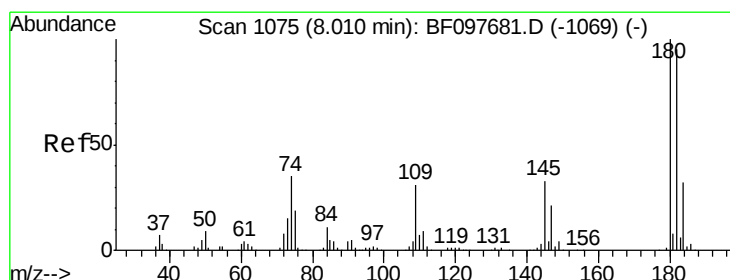
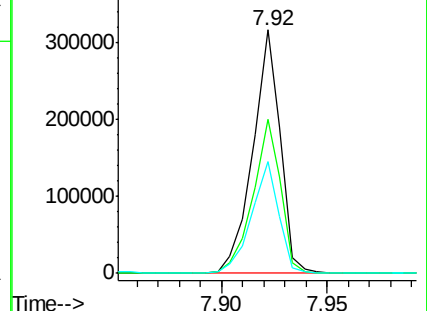
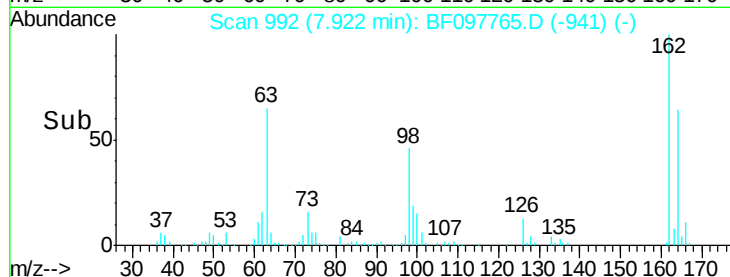
98 45.9 14.8 54.8



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: 36.49 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

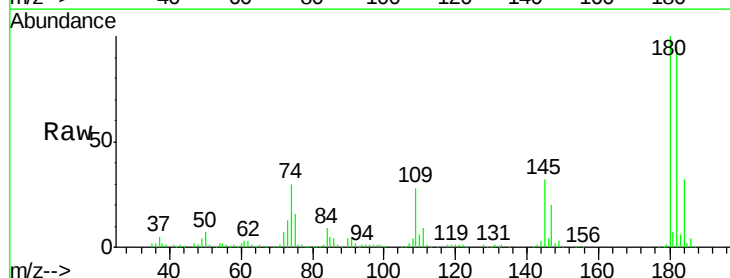
Tgt Ion:180 Resp: 298805

Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

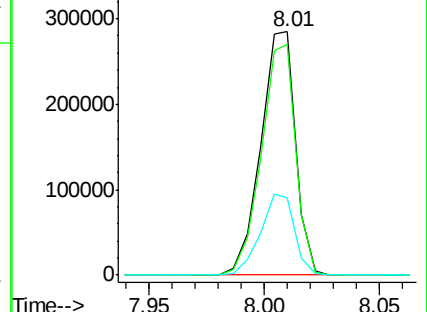
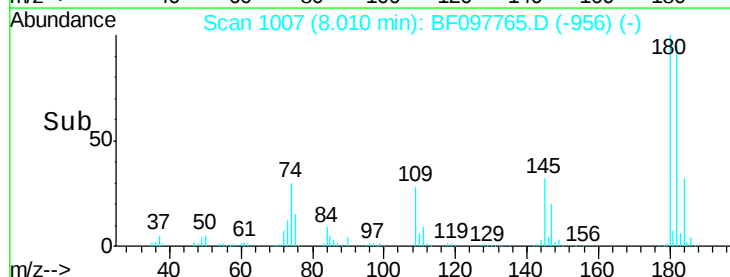
145 31.7 25.3 37.9

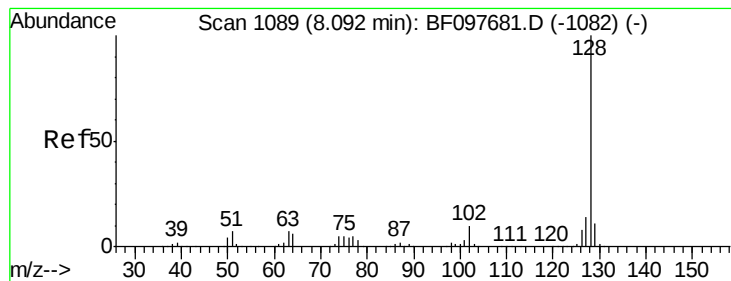


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 55.35 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

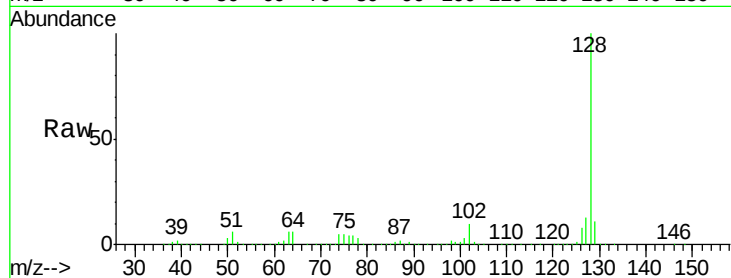
Tot Ion:128 Resp: 1601887

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

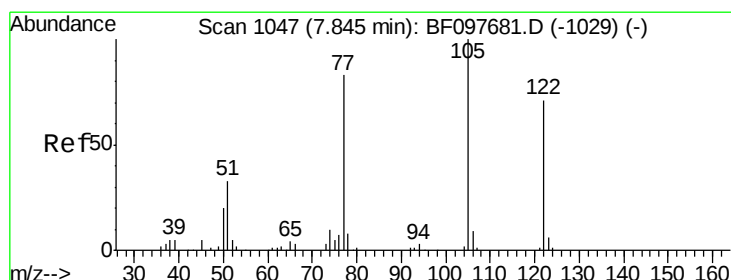
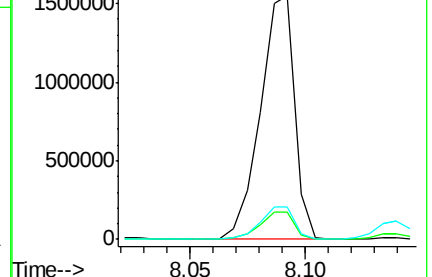
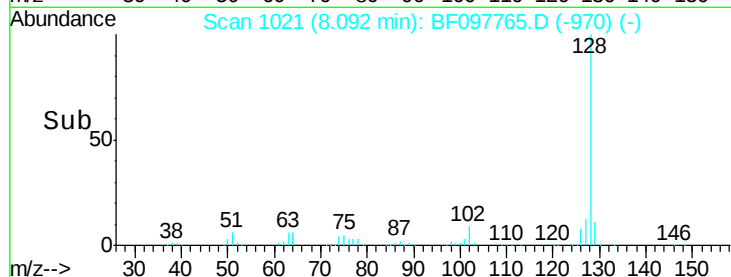
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.22 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

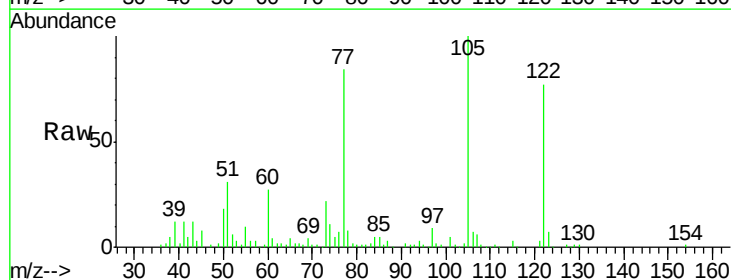
Tgt Ion:122 Resp: 238045

Ion Ratio Lower Upper

122 100

105 129.6 103.3 143.3

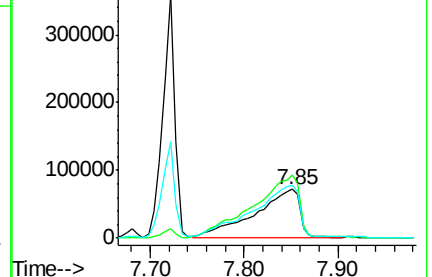
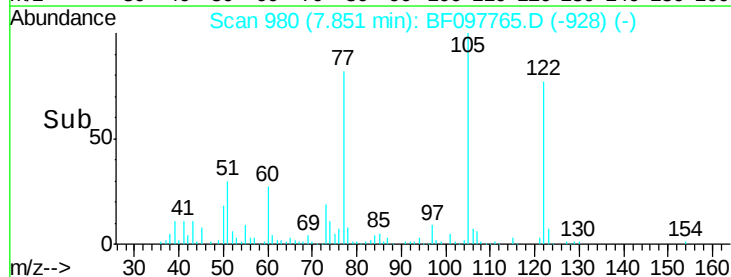
77 108.4 73.7 113.7

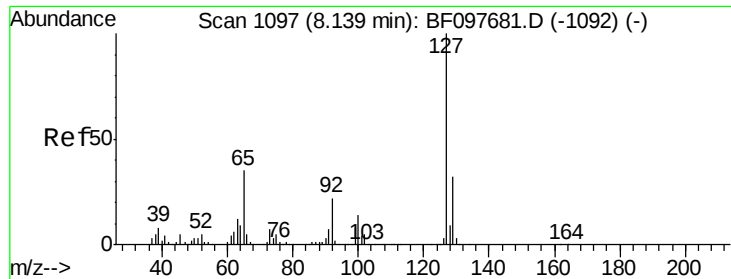


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

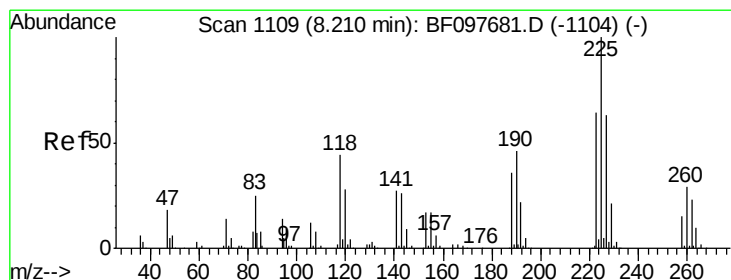
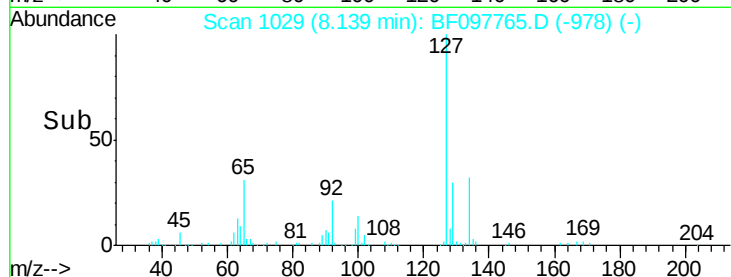
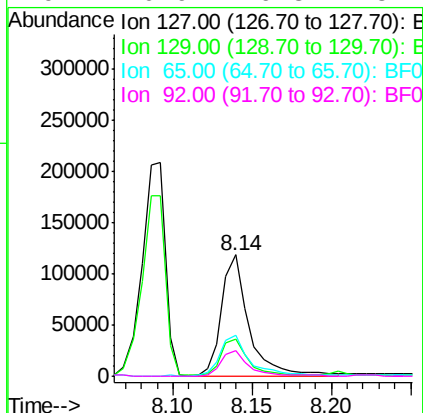
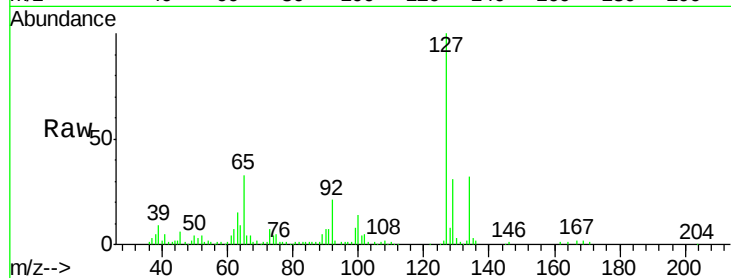




#33
4-Chloroaniline
Concen: 11.49 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

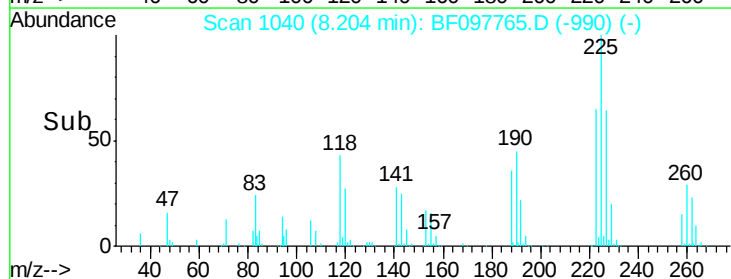
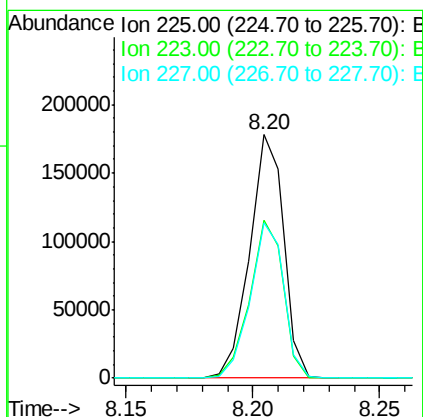
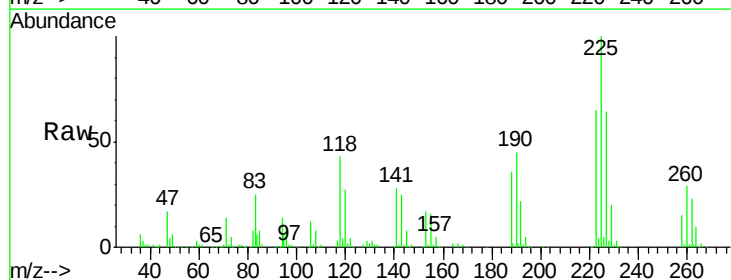
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

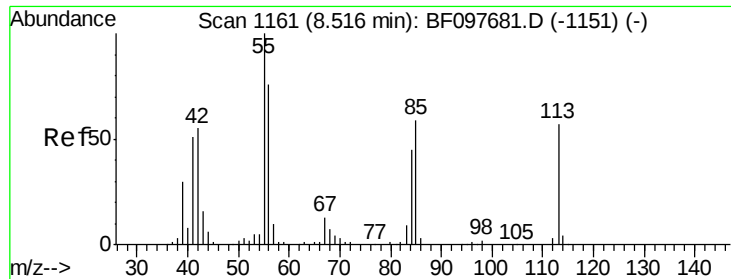
Tot Ion:	127	Resp:	140268
Ion	Ratio	Lower	Upper
127	100		
129	30.6	26.2	39.2
65	33.5	27.8	41.8
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 34.63 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:	225	Resp:	165588
Ion	Ratio	Lower	Upper
225	100		
223	65.0	48.8	73.2
227	63.7	51.1	76.7

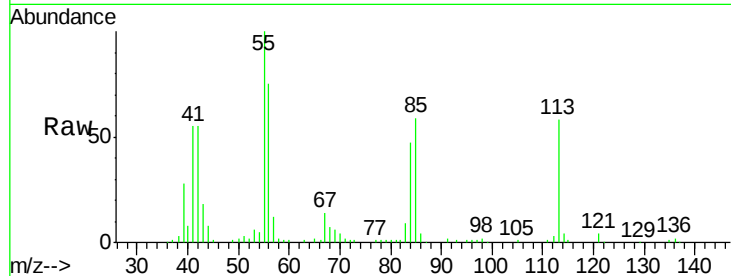




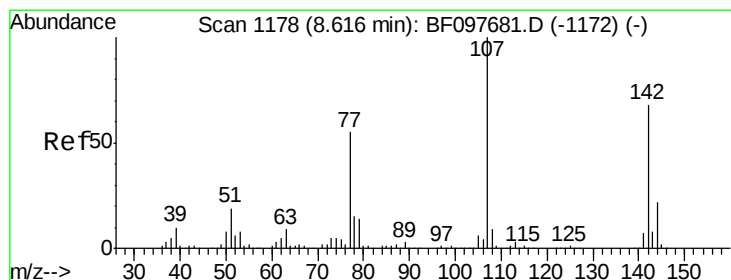
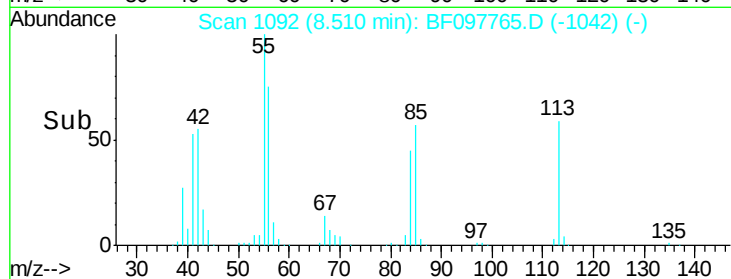
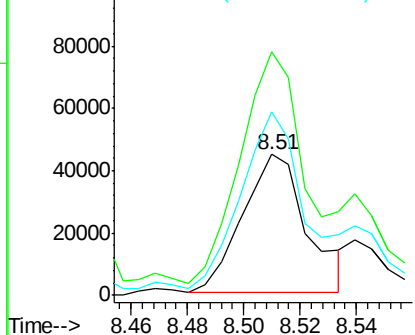
#35
 Caprolactam
 Concen: 27.89 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion:113 Resp: 70044
 Ion Ratio Lower Upper
 113 100
 55 172.6 150.2 190.2
 56 129.8 107.8 147.8

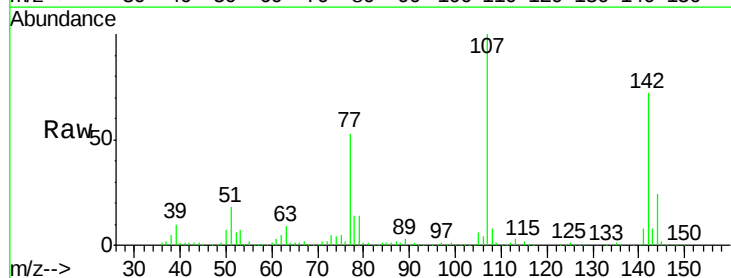


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

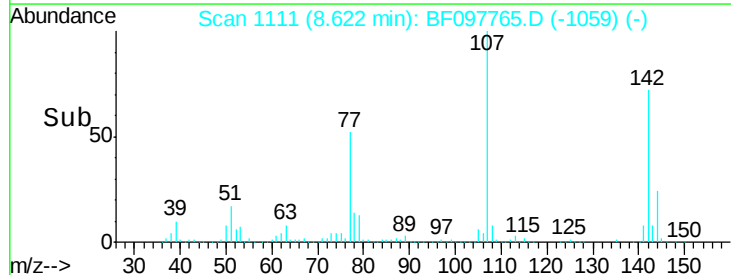
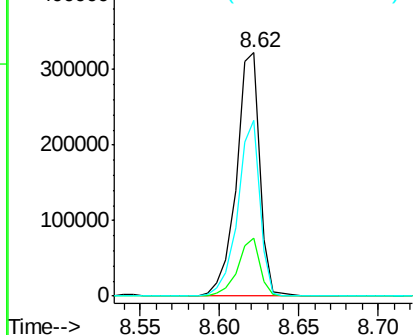


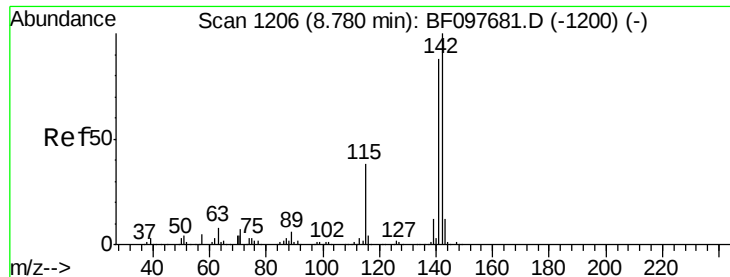
#36
 4-Chloro-3-methylphenol
 Concen: 34.72 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:107 Resp: 329464
 Ion Ratio Lower Upper
 107 100
 144 24.0 24.2 36.4#
 142 72.3 73.4 110.0#



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

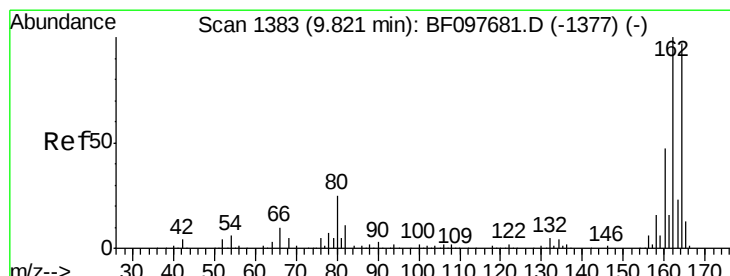
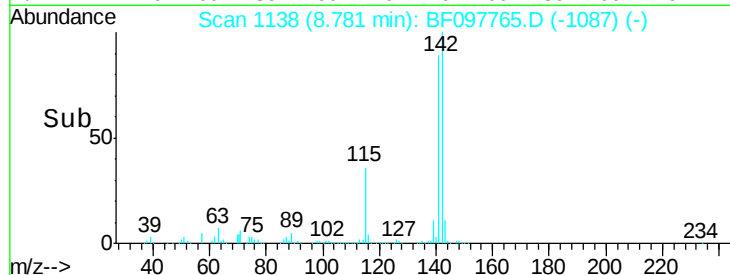
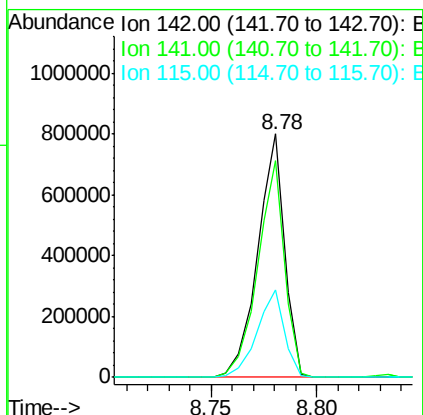
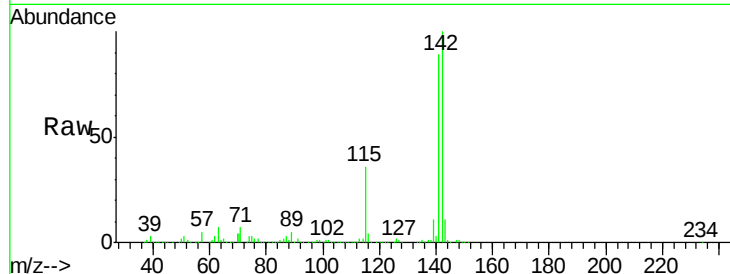




#37
 2-Methylnaphthalene
 Concen: 39.99 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

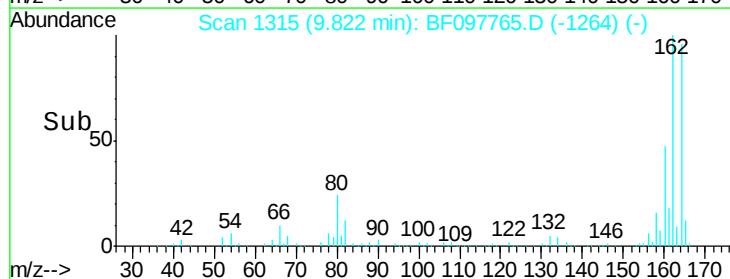
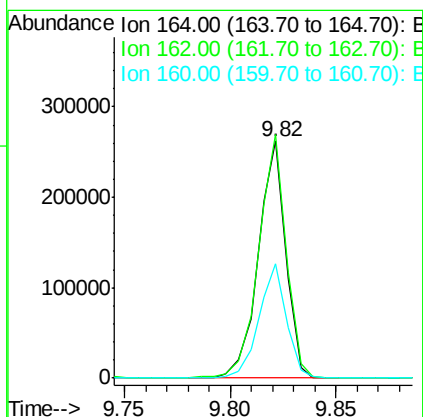
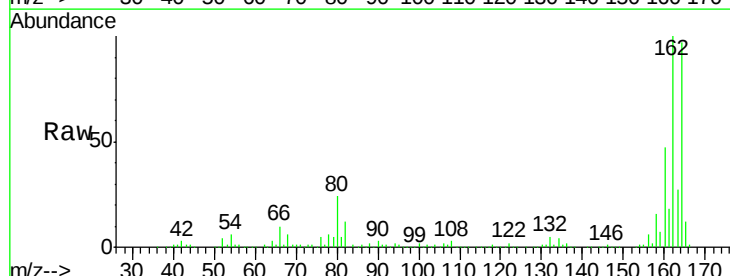
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

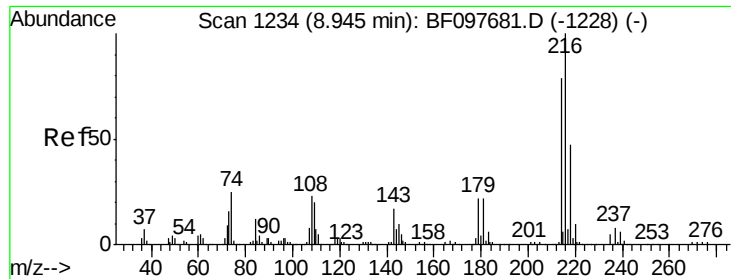
Tot Ion:142 Resp: 709533
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.3 106.9
 115 35.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:164 Resp: 236417
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.6 123.8
 160 48.0 36.2 54.2

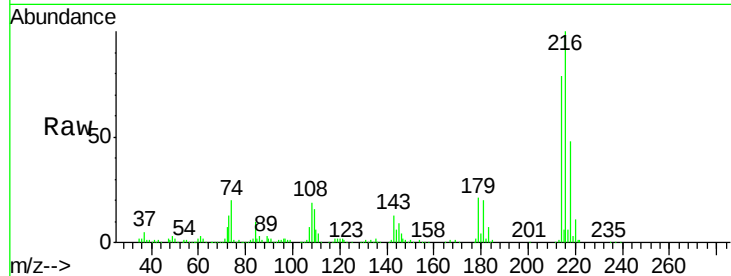




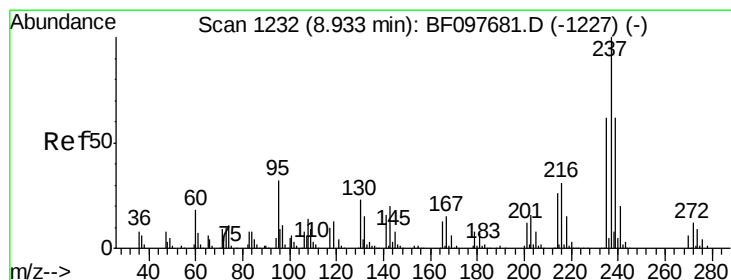
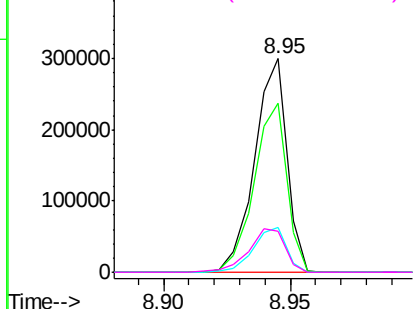
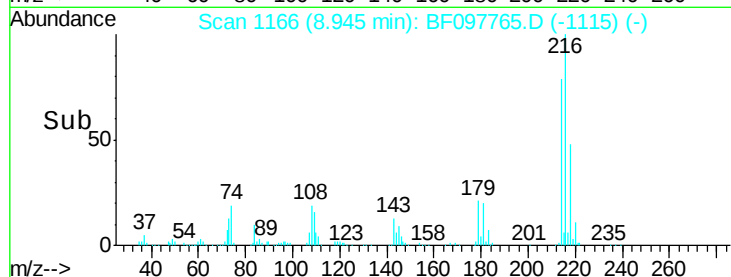
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.91 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion:216	Resp:	267836
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.4 95.2
179	21.3	17.9 26.9
108	23.1	16.5 24.7

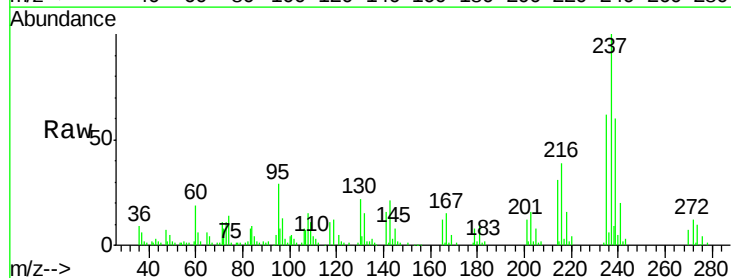


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

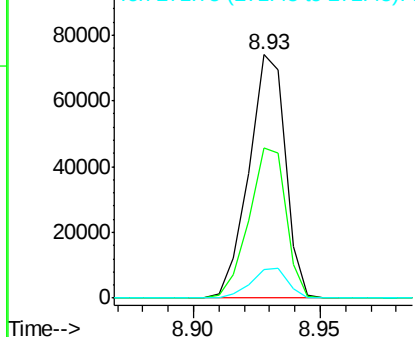
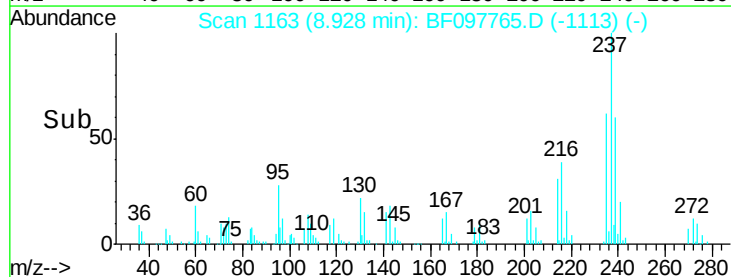


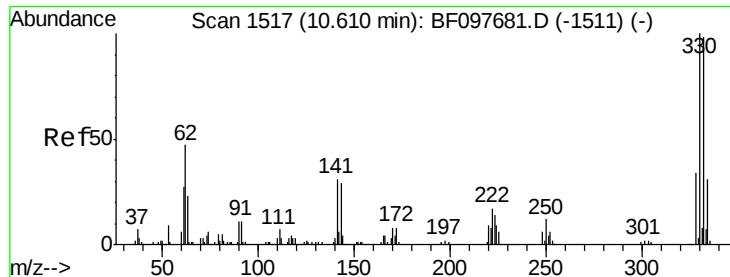
#40
 Hexachlorocyclopentadiene
 Concen: 21.34 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:237	Resp:	74394
Ion Ratio	Lower	Upper
237	100	
235	61.5	42.6 82.6
272	11.7	0.0 31.9



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

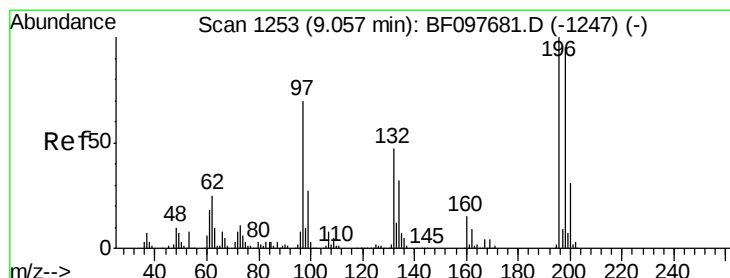
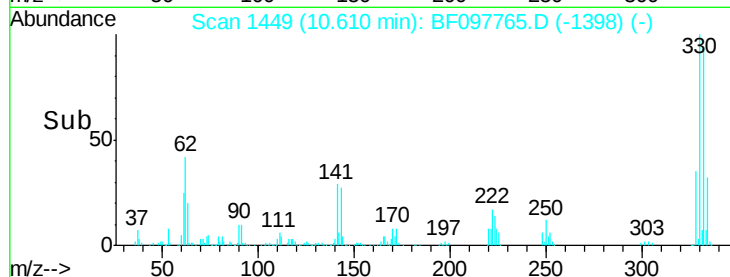
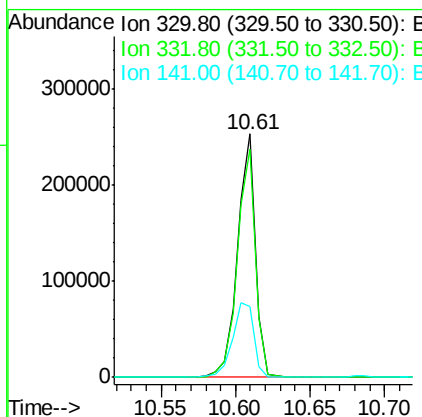
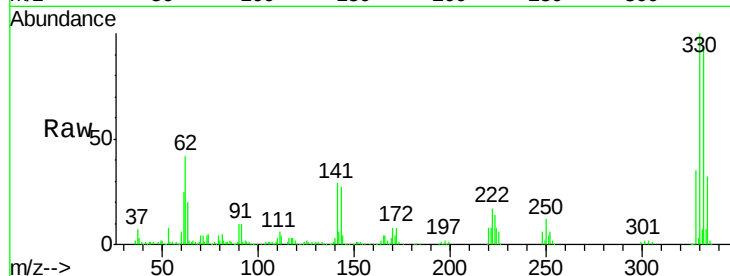




#41
 2,4,6-Tribromophenol
 Concen: 103.73 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

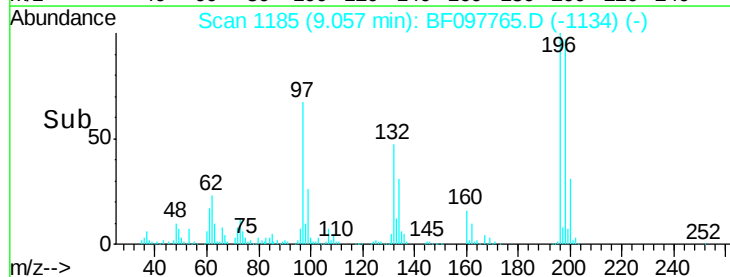
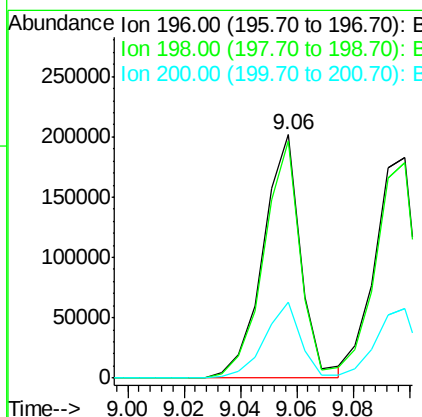
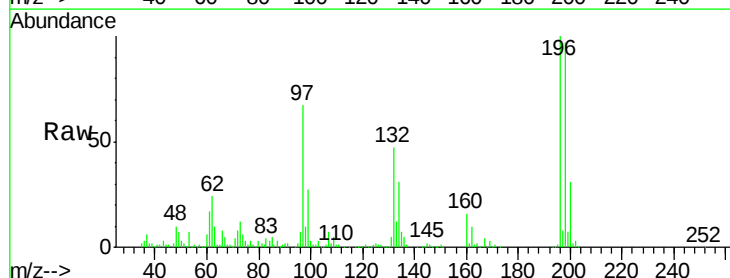
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	74.2	111.4
200	31.2	24.0	36.0

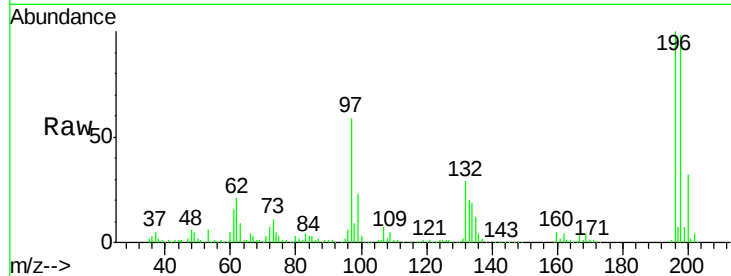




#43
 2,4,5-Trichlorophenol
 Concen: 38.39 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
97	59.1	47.7	71.5
132	29.4	28.0	42.0



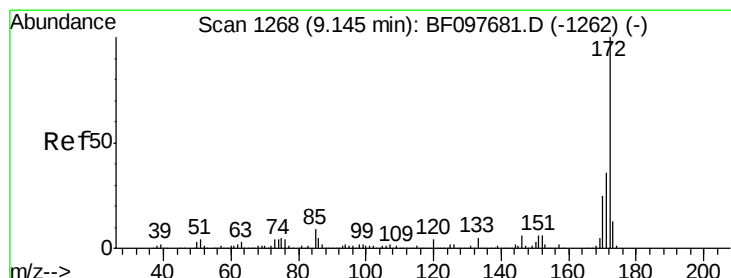
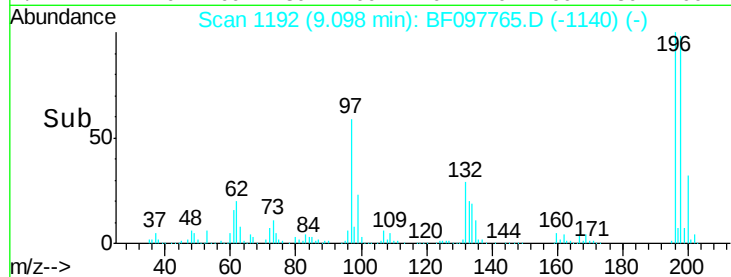
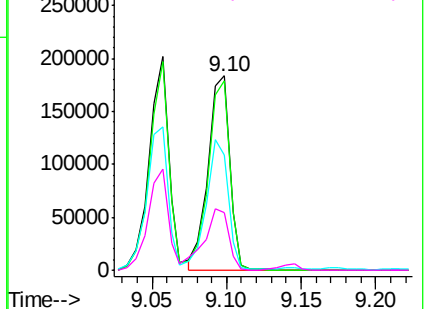
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

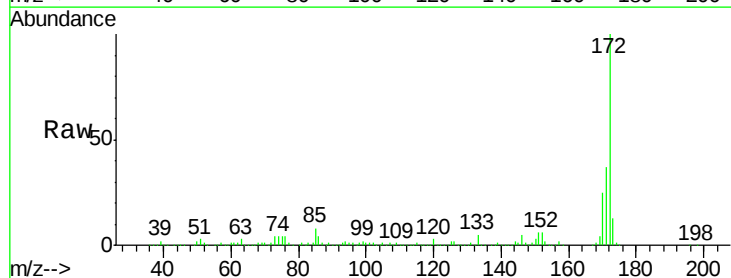
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.53 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8

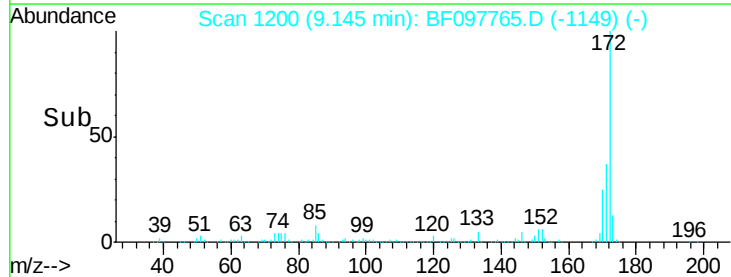
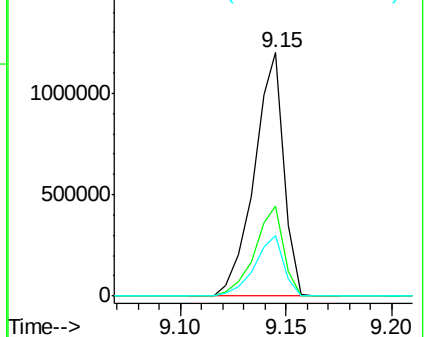


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.61 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

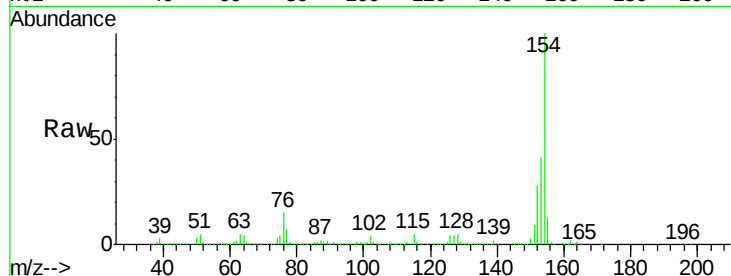
Tot Ion:154 Resp: 767747

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

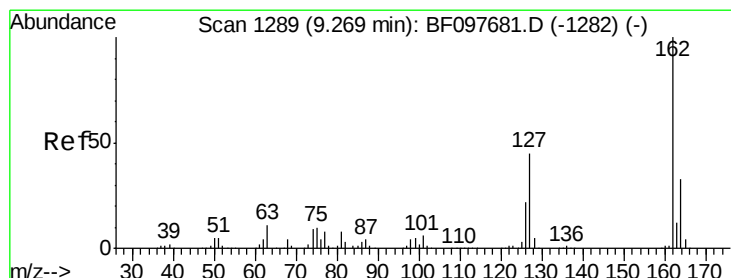
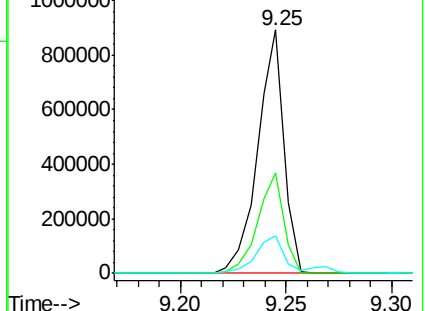
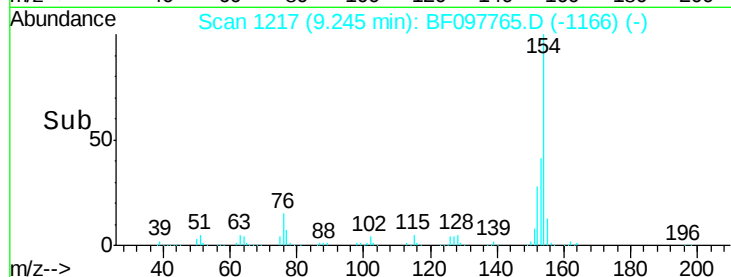
76 15.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.55 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

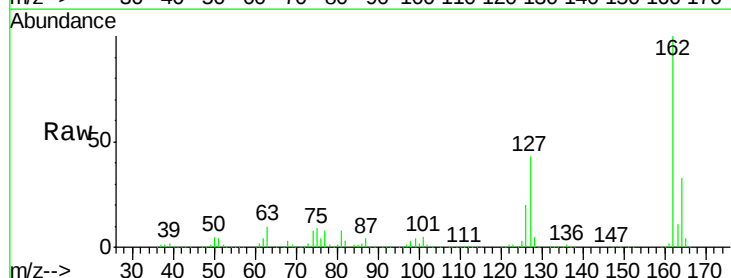
Tgt Ion:162 Resp: 550317

Ion Ratio Lower Upper

162 100

127 42.6 28.3 42.5#

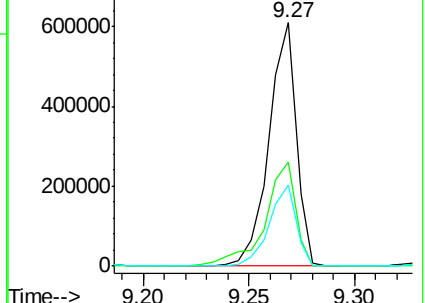
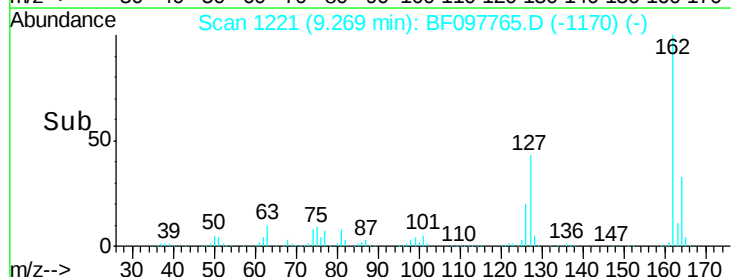
164 33.0 27.0 40.4

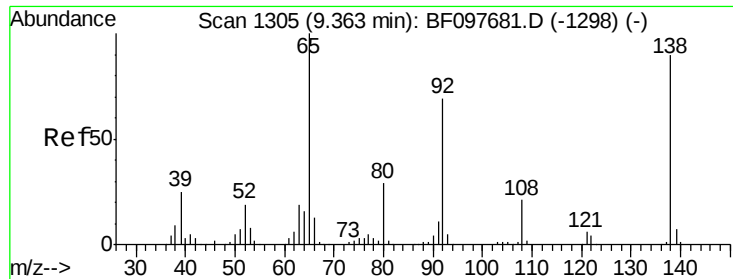


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

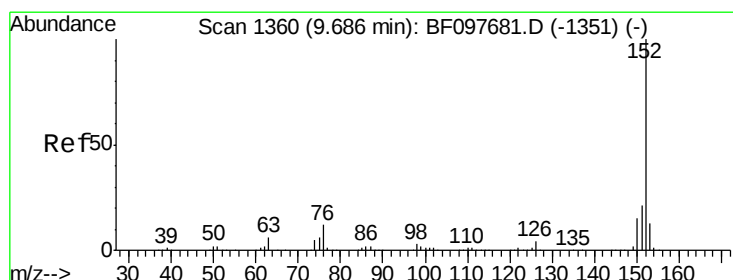
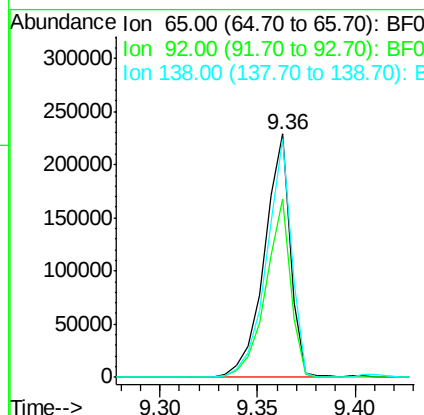
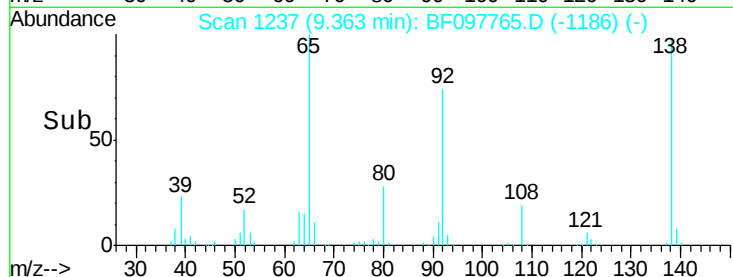
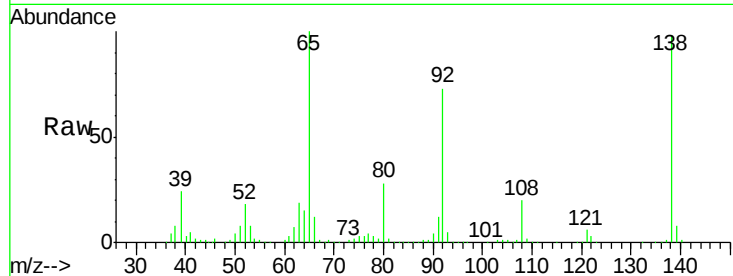




#47
 2-Nitroaniline
 Concen: 39.41 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

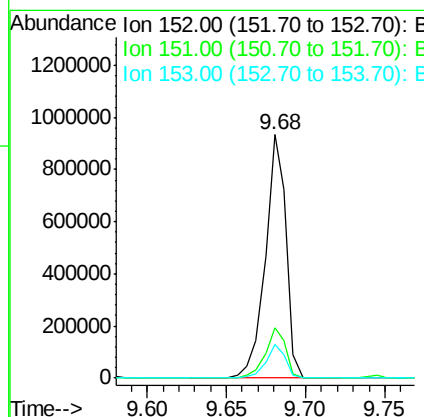
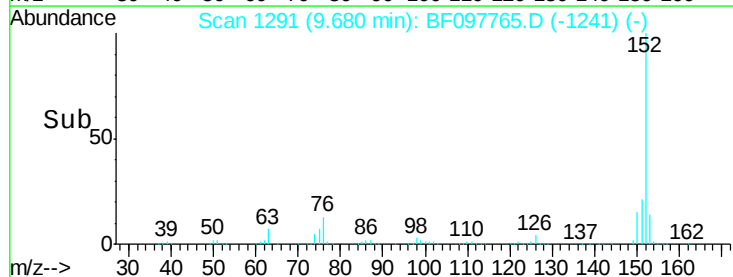
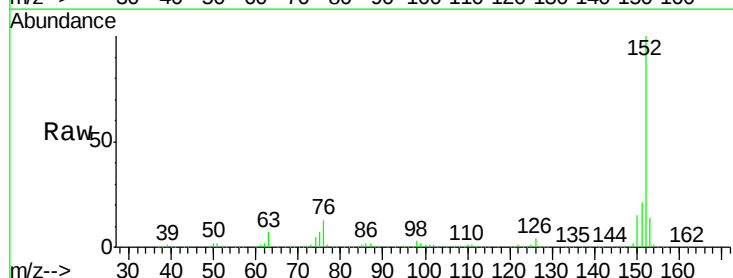
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

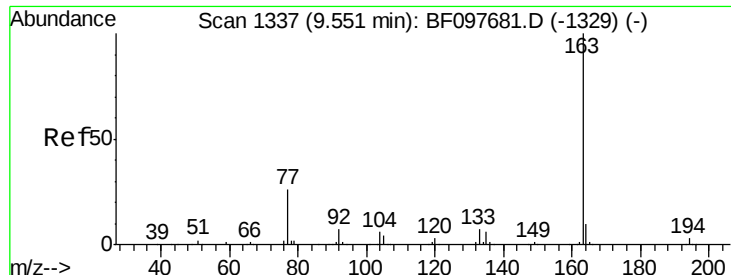
Tot Ion: 65 Resp: 210434
 Ion Ratio Lower Upper
 65 100
 92 73.4 53.9 80.9
 138 97.9 78.8 118.2



#48
 Acenaphthylene
 Concen: 34.15 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion: 152 Resp: 854318
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.7 10.8 16.2

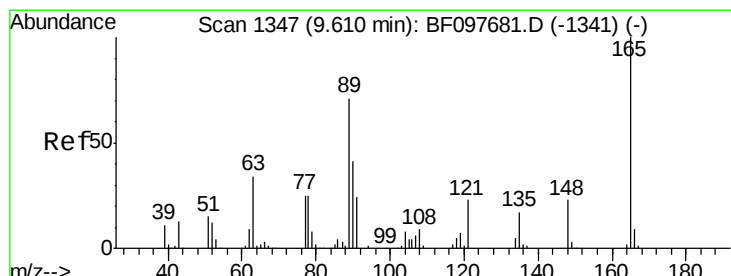
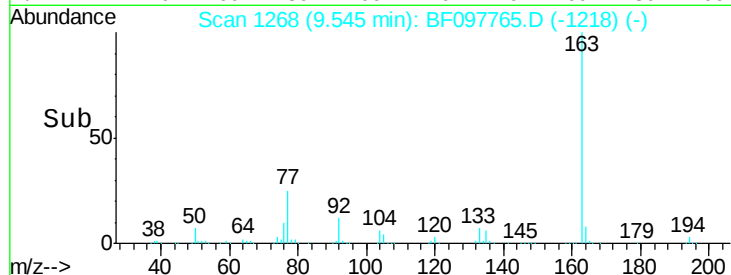
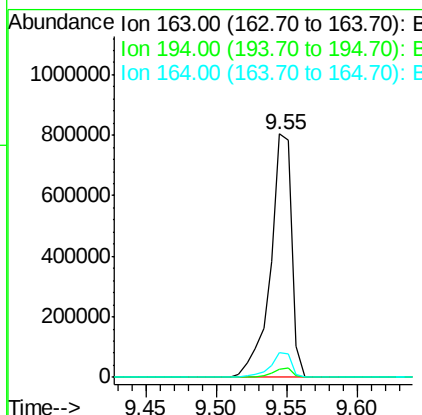
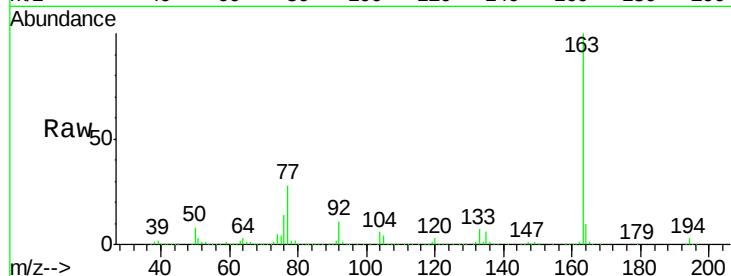




#49
Dimethylphthalate
Concen: 48.83 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

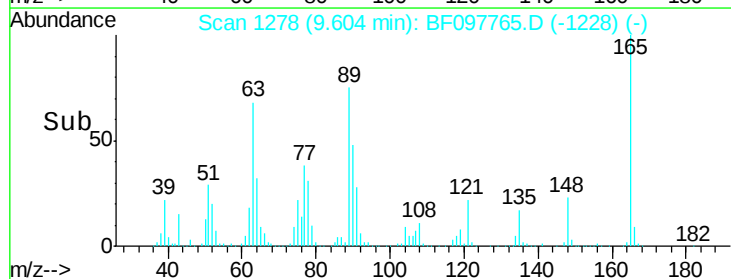
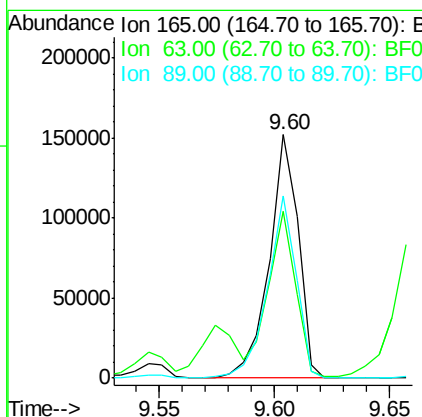
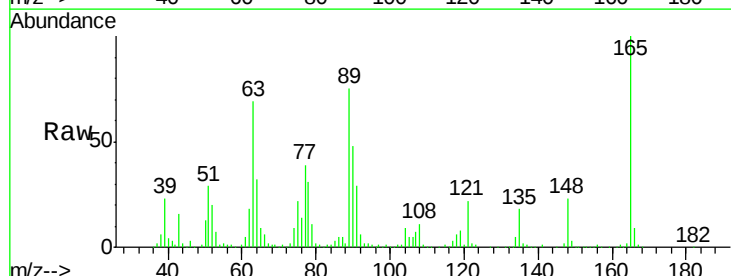
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

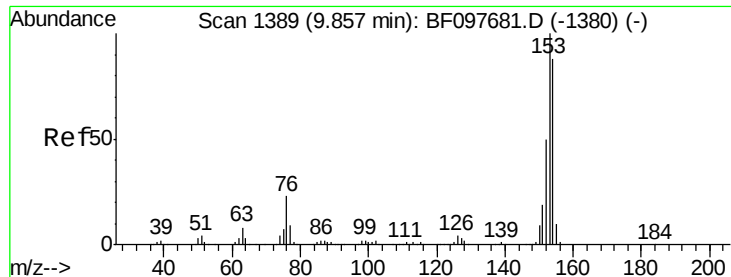
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6



#50
2,6-Dinitrotoluene
Concen: 38.51 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.5	34.3	51.5#
89	75.1	37.1	55.7#





#51

Acenaphthene

Concen: 34.05 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

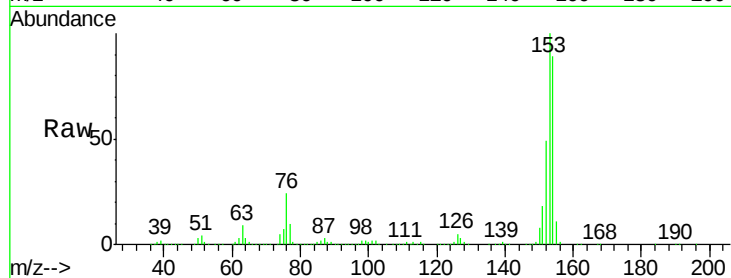
Tot Ion:154 Resp: 537189

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

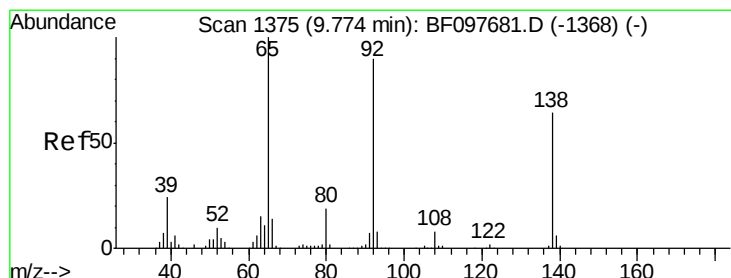
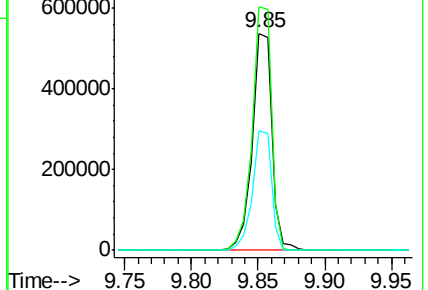
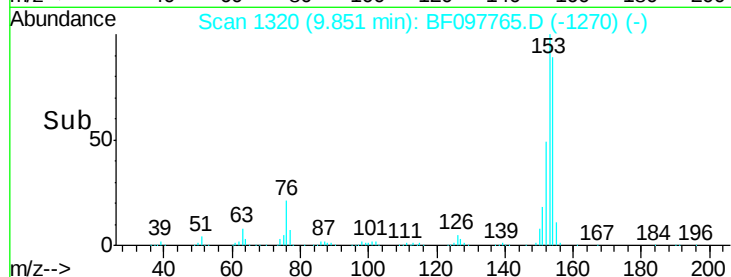
152 55.1 43.6 65.4



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: 22.86 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

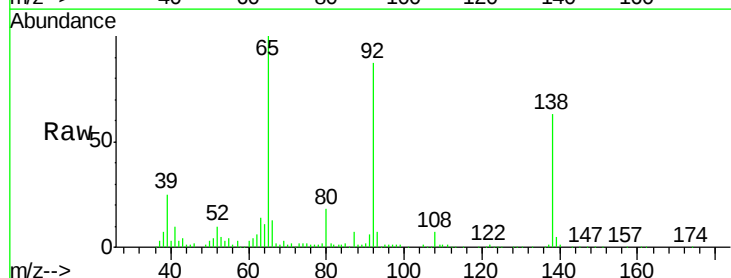
Tgt Ion:138 Resp: 101728

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

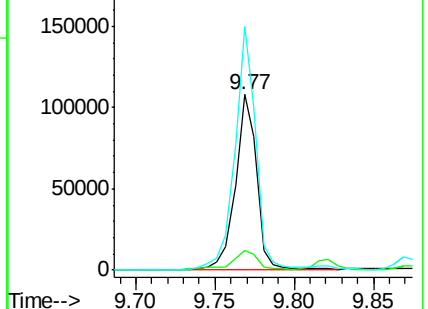
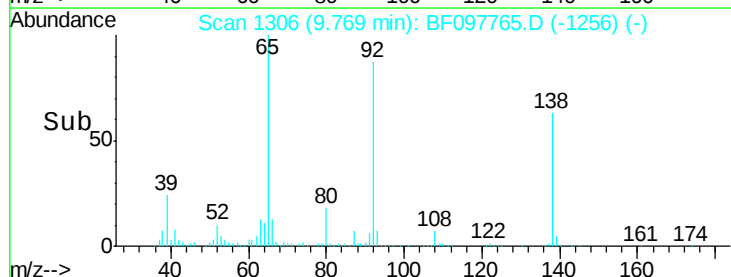
92 138.8 93.8 140.6

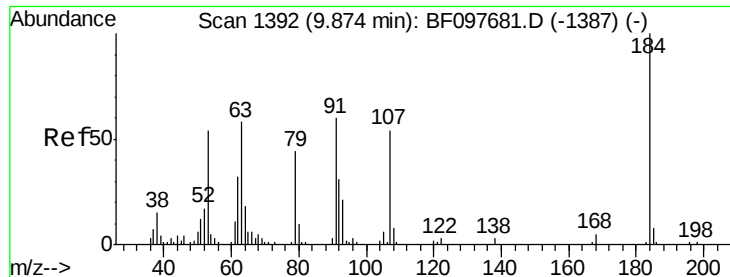


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

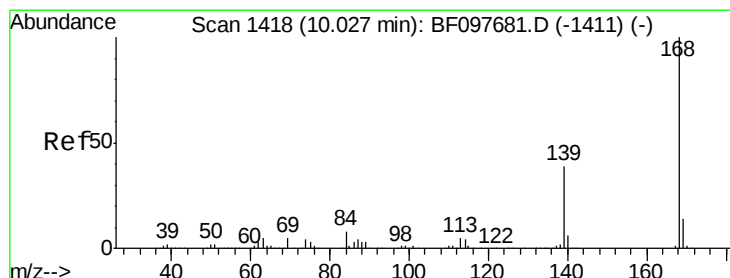
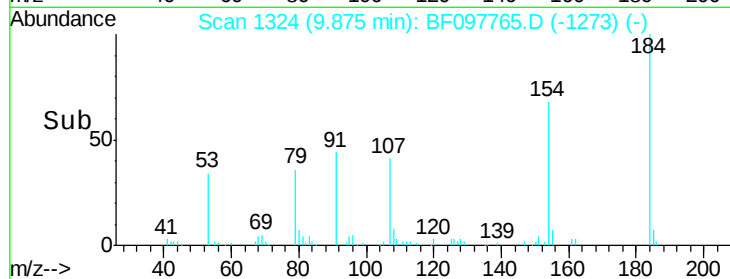
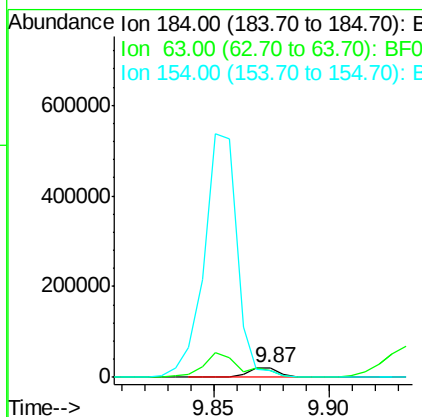
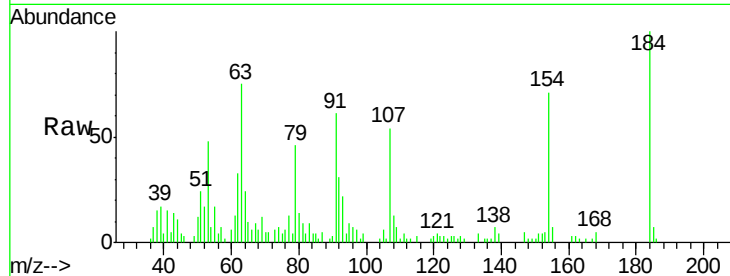




#53
 2,4-Dinitrophenol
 Concen: 20.71 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

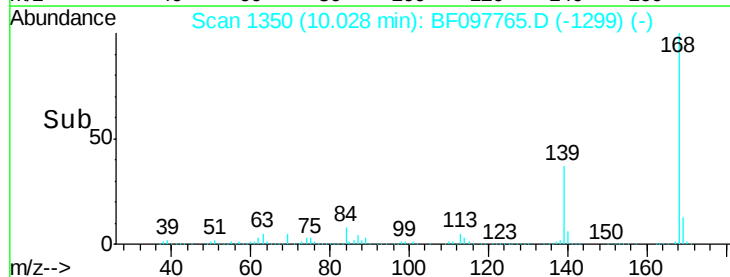
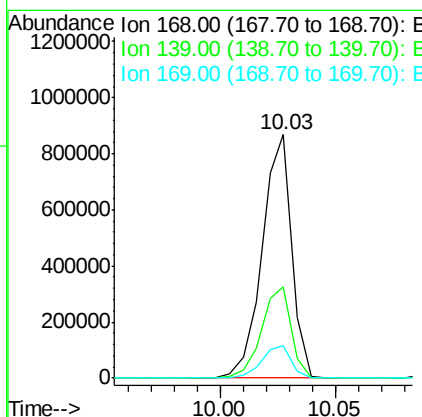
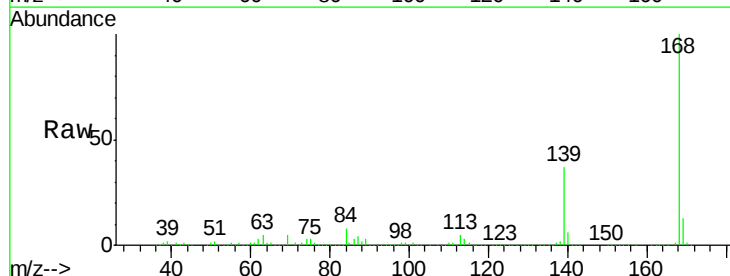
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

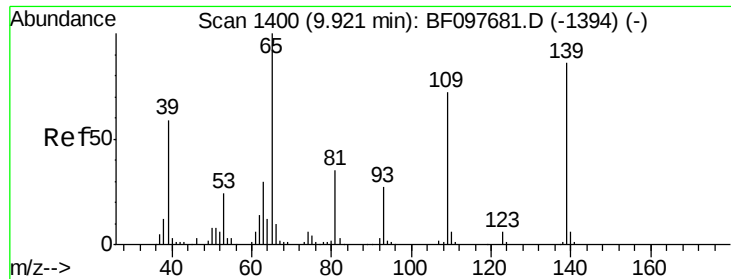
Tot Ion:184	Resp:	19856
Ion Ratio	Lower	Upper
184	100	
63	75.2	62.7 94.1
154	70.7	81.1 121.7#



#54
 Dibenzofuran
 Concen: 36.48 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:168	Resp:	771381
Ion Ratio	Lower	Upper
168	100	
139	37.2	30.6 45.8
169	13.5	10.8 16.2





#55

4-Nitrophenol

Concen: 60.93 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

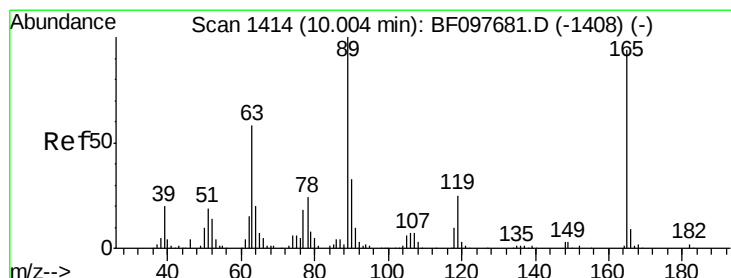
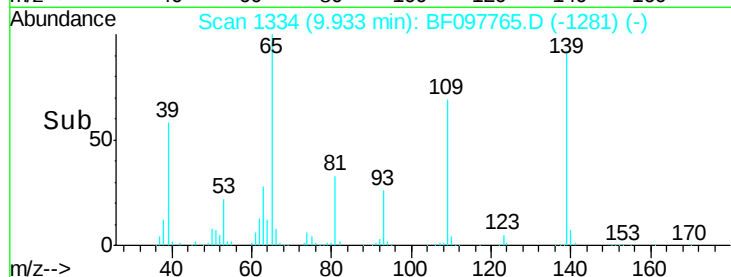
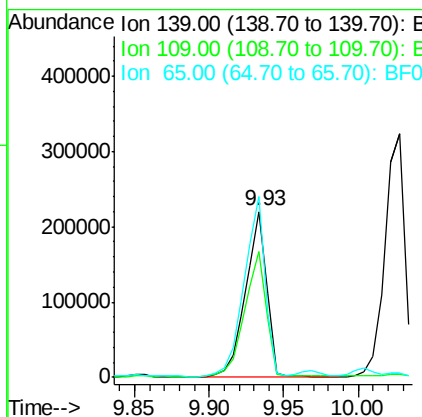
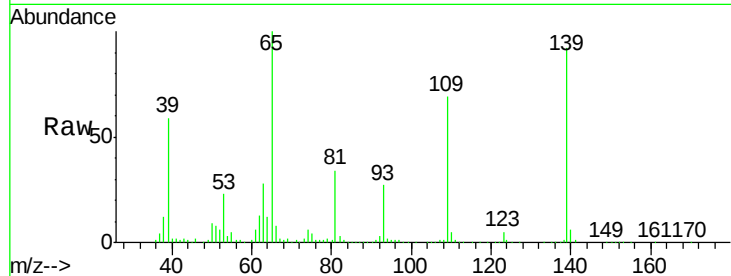
Tot Ion:139 Resp: 216323

Ion Ratio Lower Upper

139 100

109 75.6 34.1 74.1#

65 109.1 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 38.07 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:165 Resp: 164824

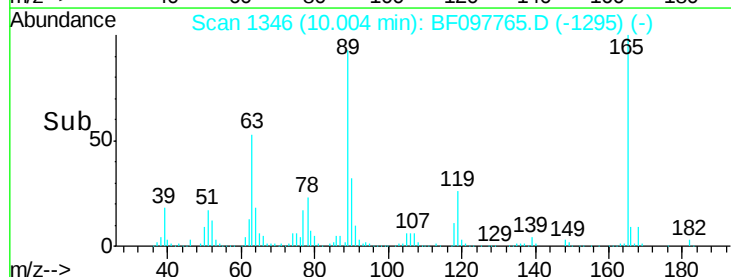
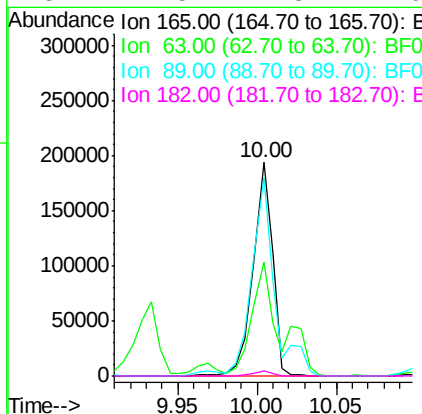
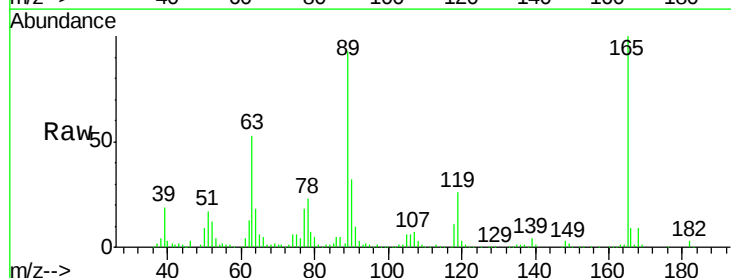
Ion Ratio Lower Upper

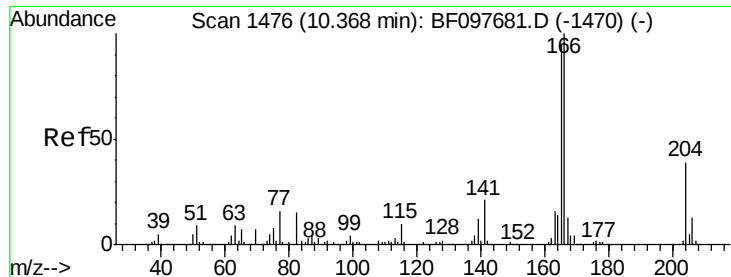
165 100

63 53.3 25.4 38.0#

89 93.2 46.4 69.6#

182 2.5 1.8 2.6





#57

Fluorene

Concen: 34.32 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

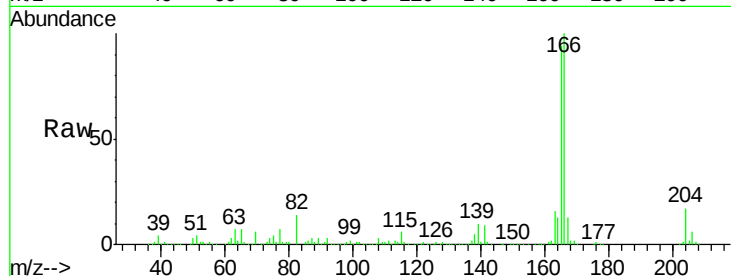
Tot Ion:166 Resp: 560987

Ion Ratio Lower Upper

166 100

165 94.1 78.8 118.2

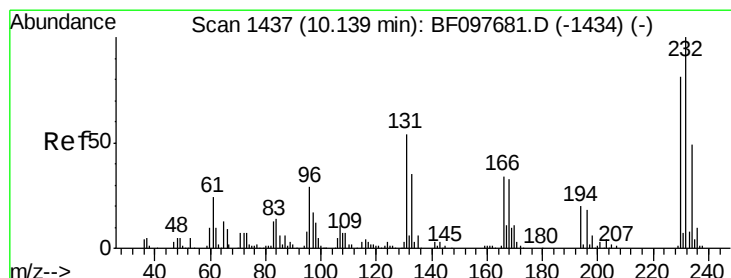
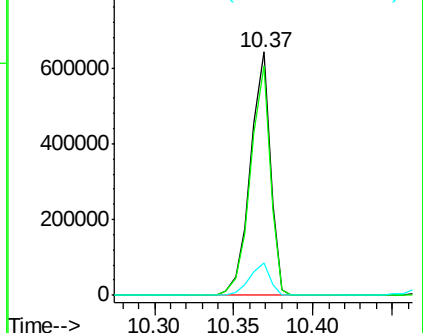
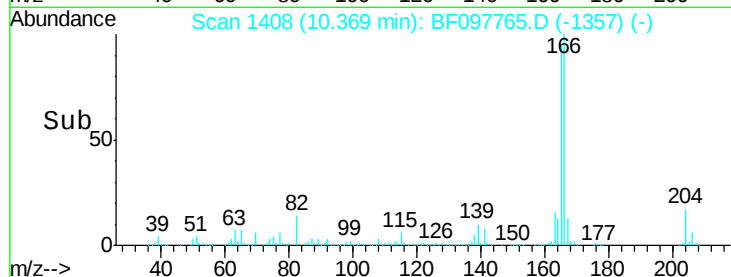
167 13.4 10.6 16.0



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: 38.99 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:232 Resp: 145888

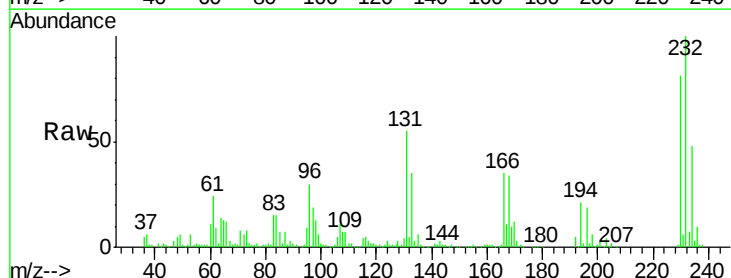
Ion Ratio Lower Upper

232 100

131 49.5 44.8 67.2

130 3.6 2.3 3.5#

166 32.5 29.0 43.4

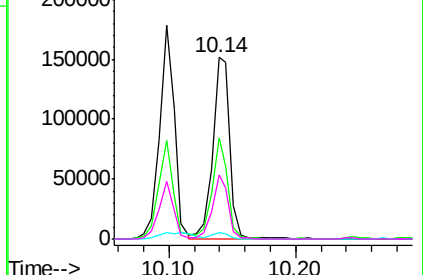
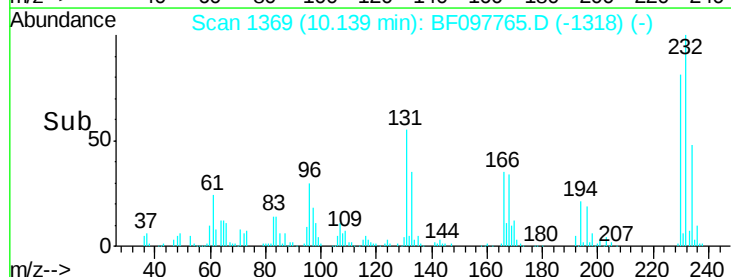


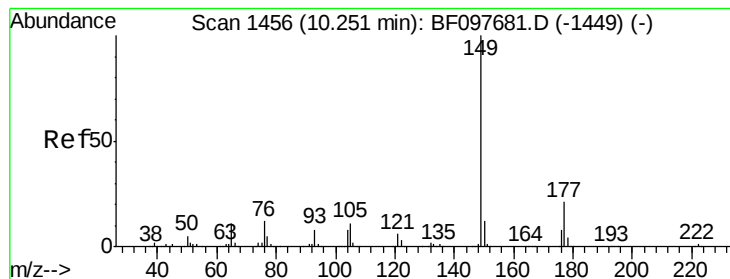
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.46 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

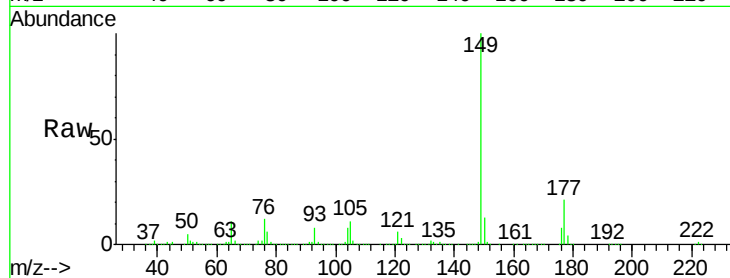
Tot Ion:149 Resp: 676911

Ion Ratio Lower Upper

149 100

177 20.6 16.7 25.1

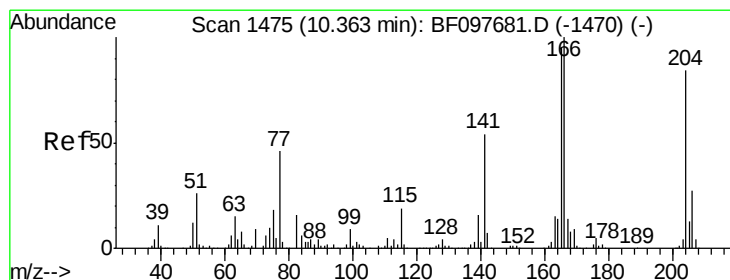
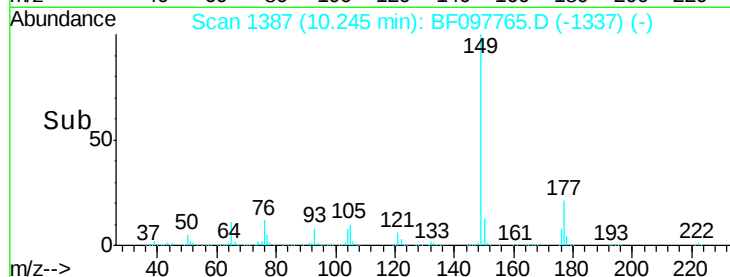
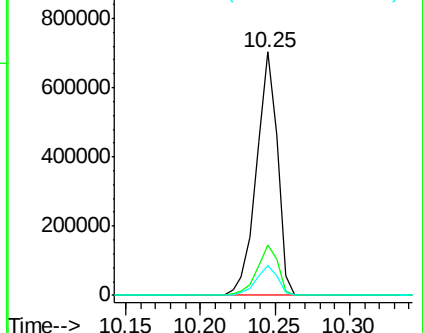
150 12.5 10.2 15.2



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: 35.73 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

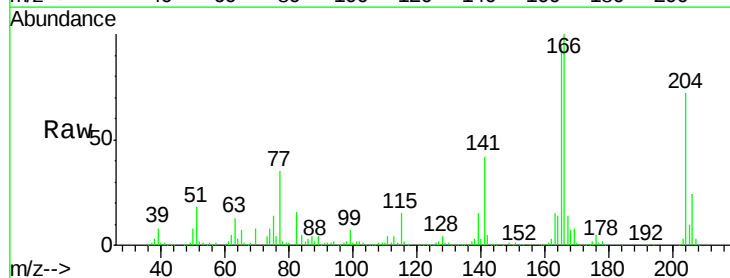
Tgt Ion:204 Resp: 271340

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

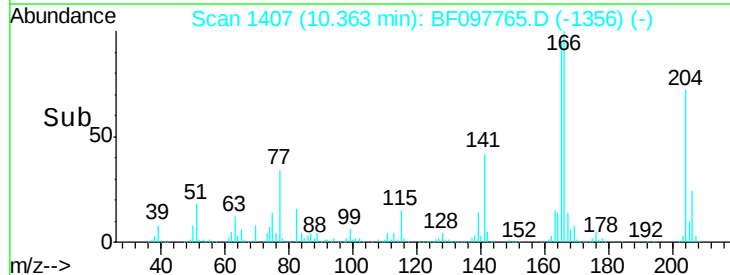
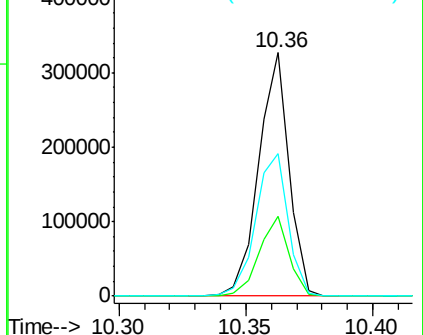
141 58.6 60.8 91.2#

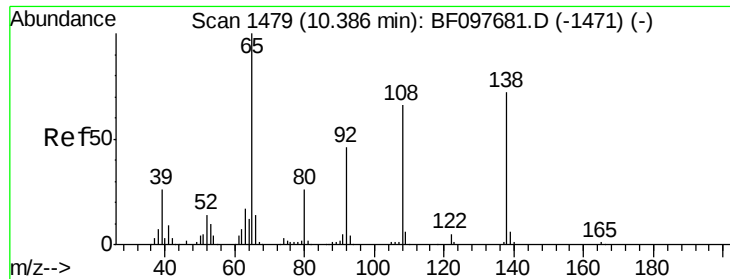


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

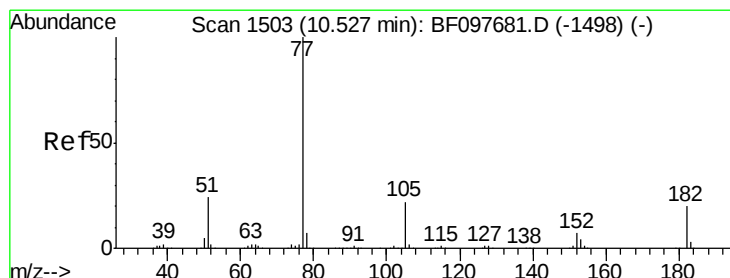
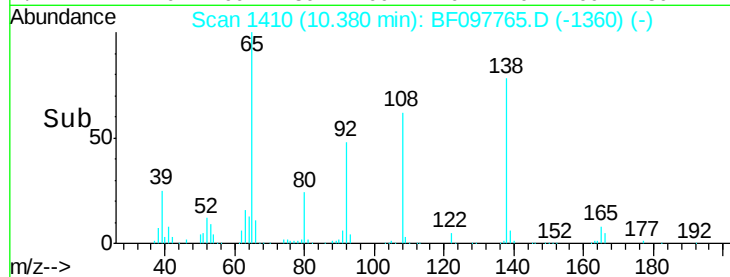
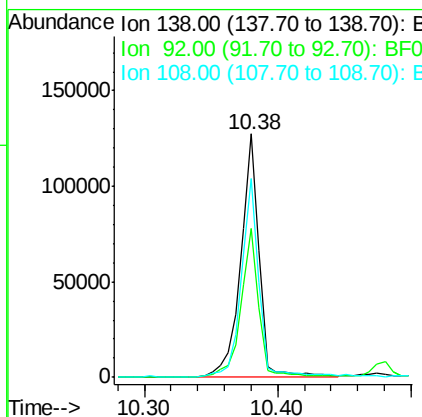
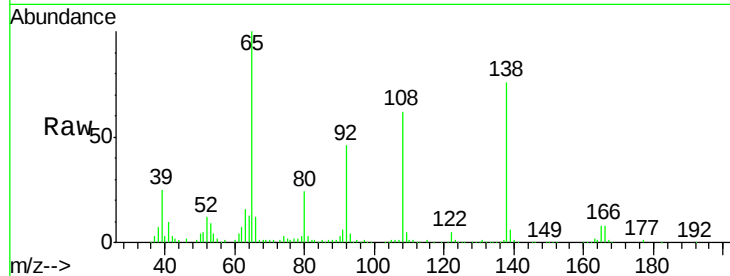




#61
 4-Nitroaniline
 Concen: 29.19 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

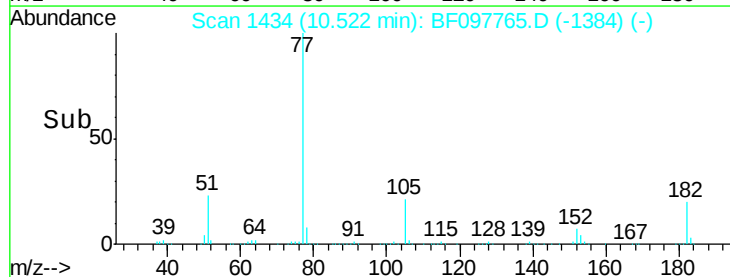
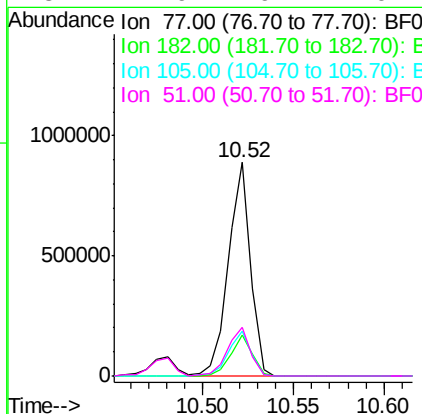
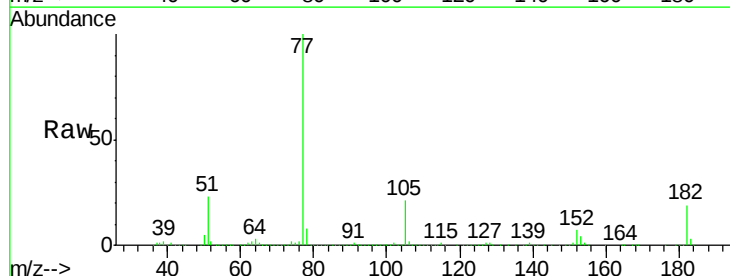
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

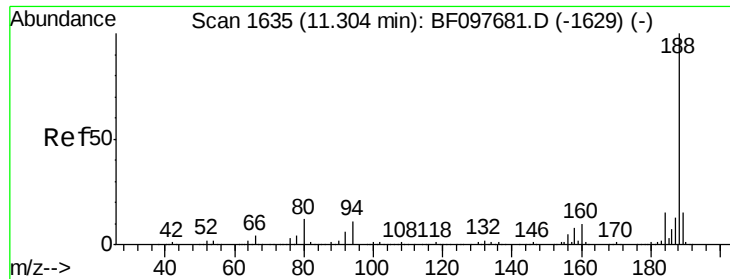
Tot Ion:138	Resp:	123471
Ion	Ratio	Lower Upper
138	100	
92	61.1	21.8 61.8
108	81.4	42.3 82.3



#62
 Azobenzene
 Concen: 35.03 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion: 77	Resp:	751990
Ion	Ratio	Lower Upper
77	100	
182	19.5	0.1 40.1
105	21.3	3.6 43.6
51	22.9	9.4 49.4

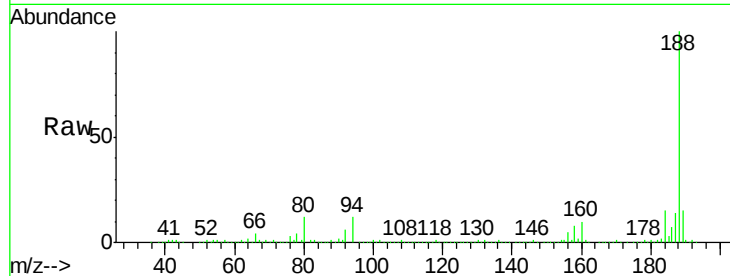




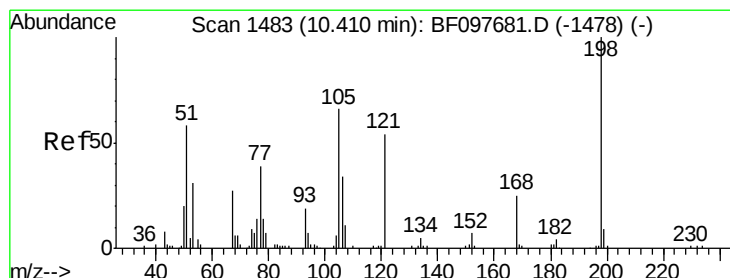
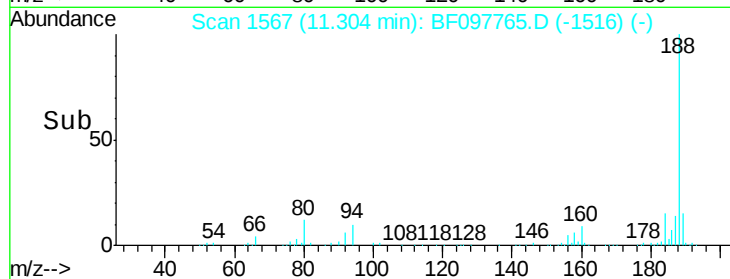
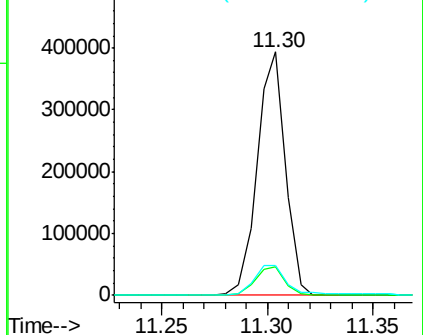
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion:188 Resp: 365170
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.3 10.2 15.2

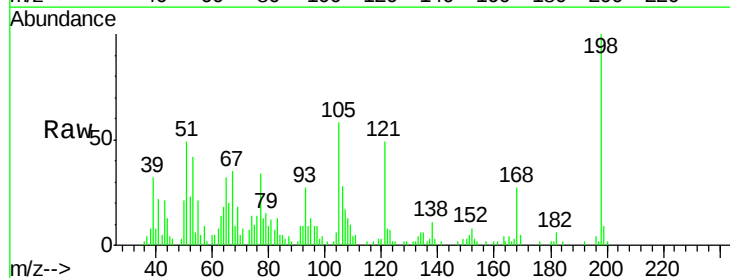


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

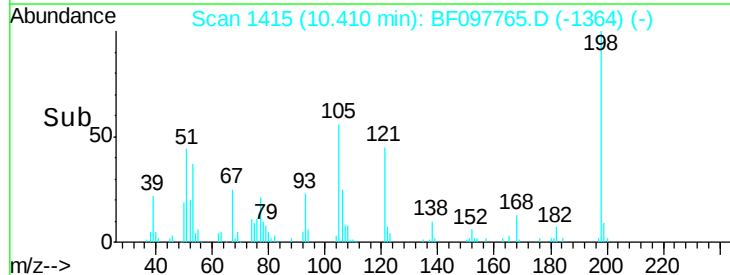
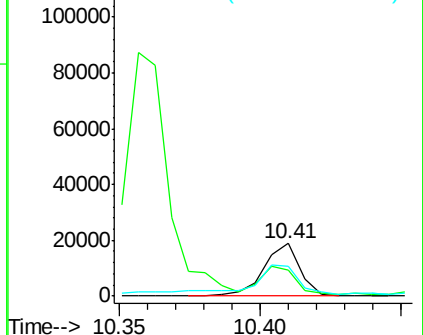


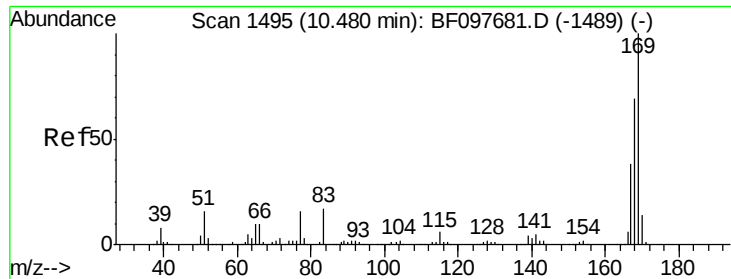
#64
4,6-Dinitro-2-methylphenol
Concen: 16.36 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:198 Resp: 16735
Ion Ratio Lower Upper
198 100
51 48.8 53.2 93.2#
105 57.6 45.8 85.8



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: 40.60 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

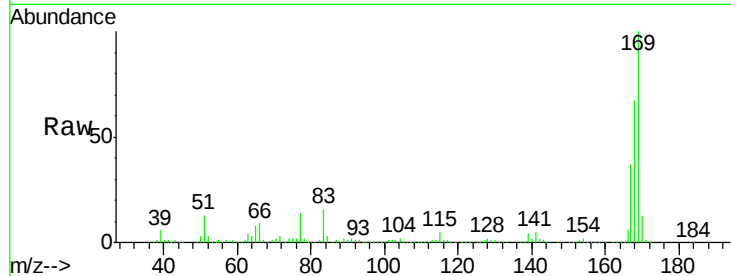
Tot Ion:169 Resp: 504840

Ion Ratio Lower Upper

169 100

168 66.9 53.2 79.8

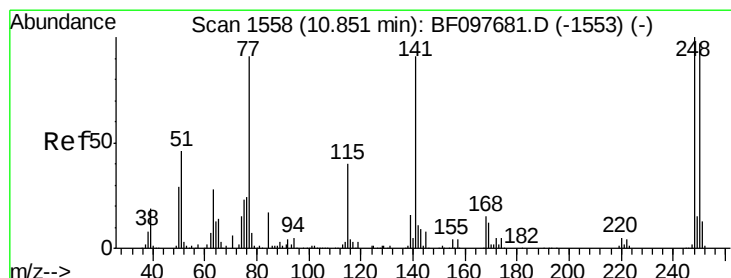
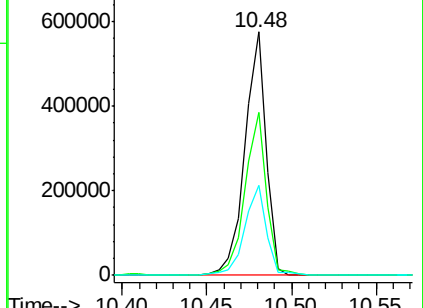
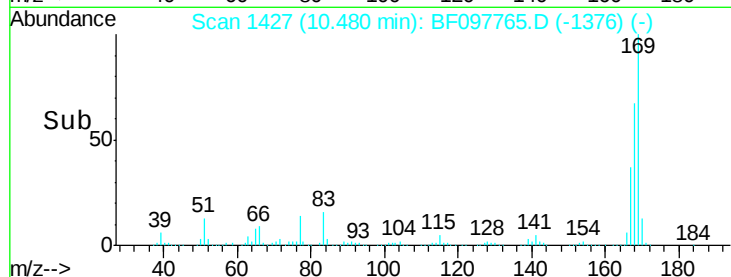
167 37.0 29.5 44.3



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: 41.53 ng

RT: 10.85 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

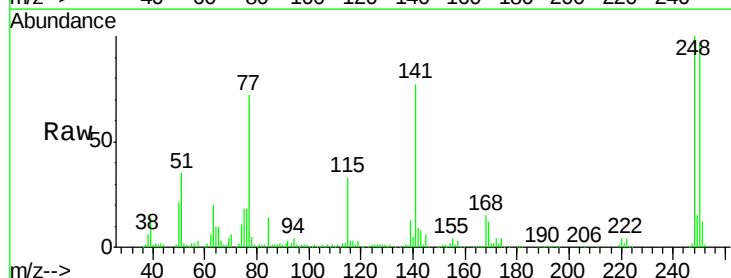
Tgt Ion:248 Resp: 157502

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

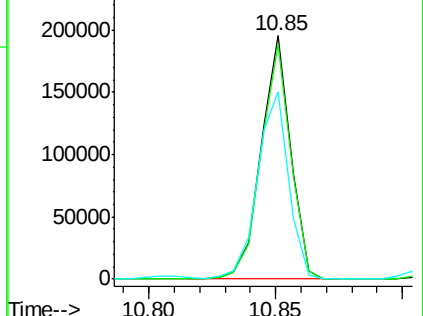
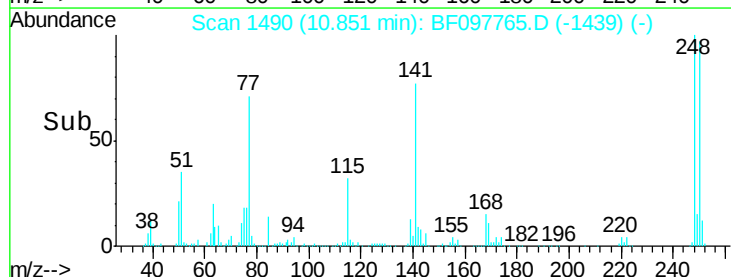
141 77.1 68.6 103.0



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: 36.81 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

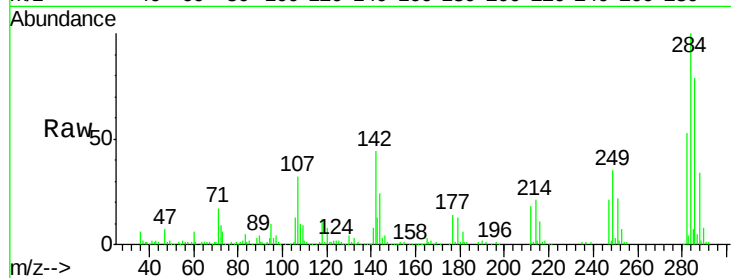
Tot Ion:284 Resp: 142261

Ion Ratio Lower Upper

284 100

142 43.9 22.8 34.2#

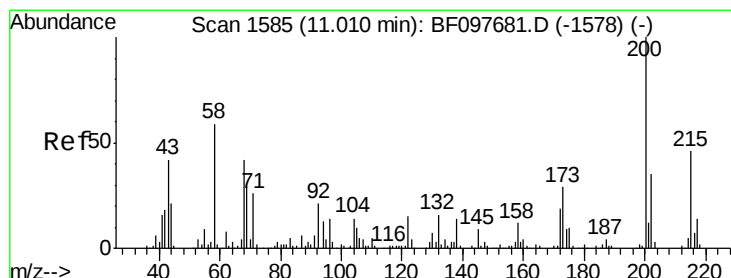
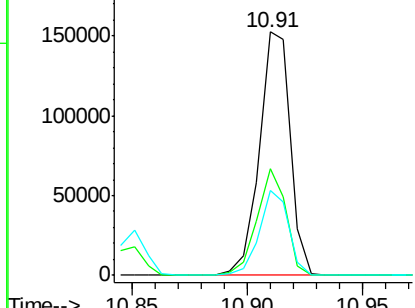
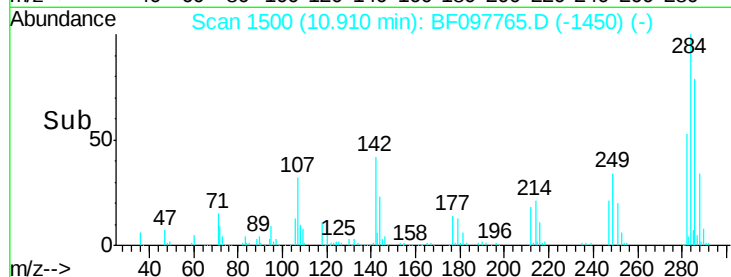
249 35.0 24.0 36.0



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: 40.77 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

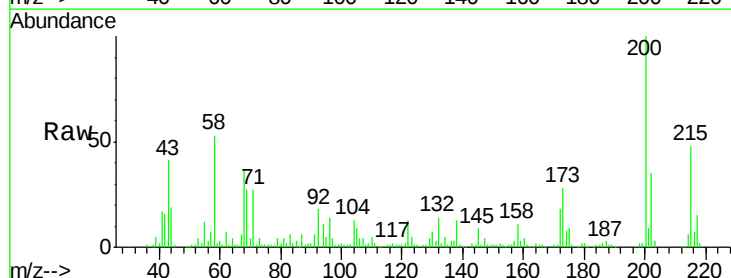
Tgt Ion:200 Resp: 134458

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

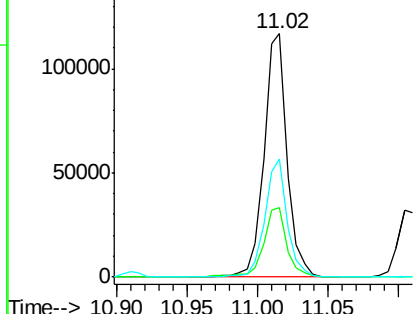
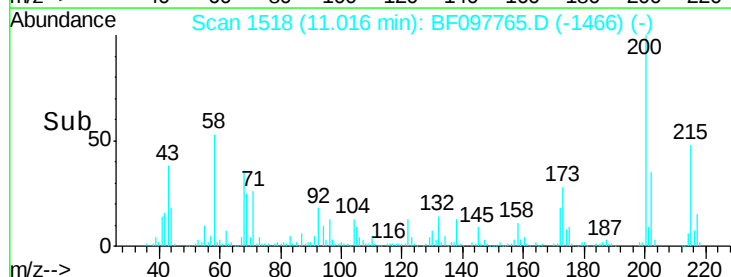
215 48.5 27.2 67.2

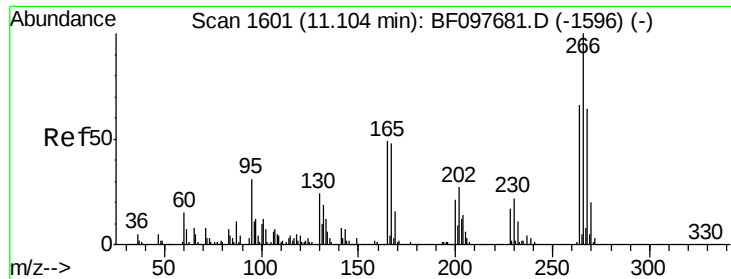


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

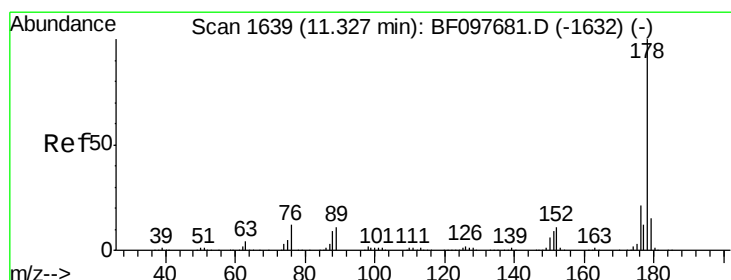
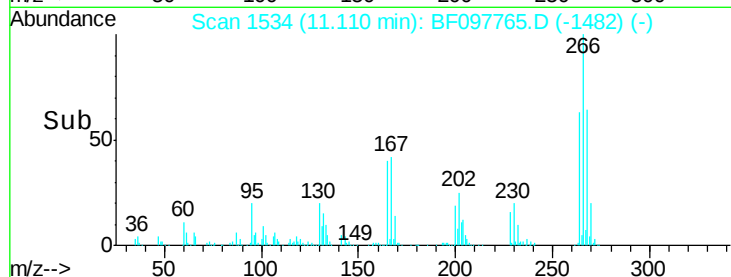
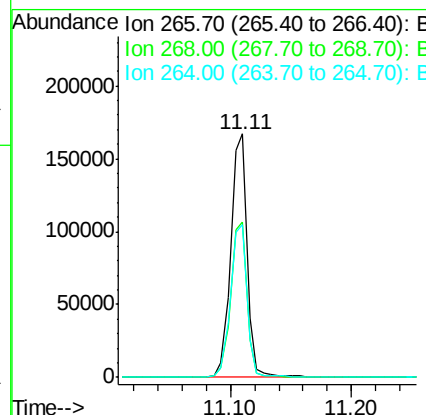
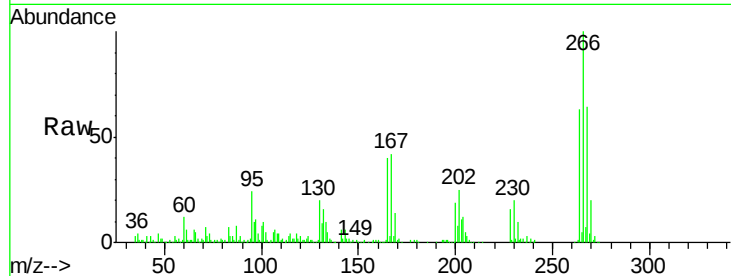




#69
 Pentachlorophenol
 Concen: 69.99 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

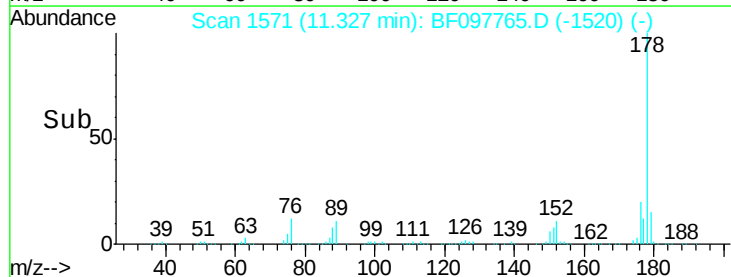
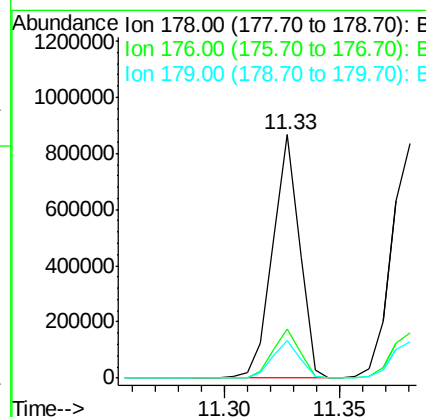
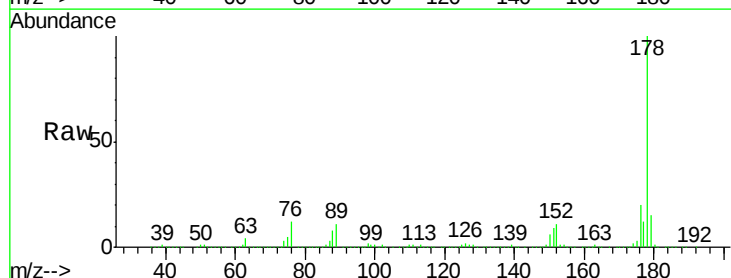
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

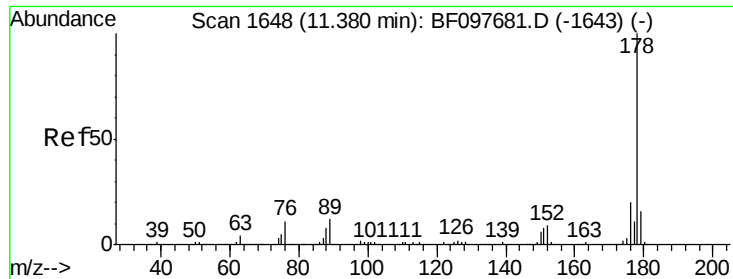
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.7	51.7	77.5



#70
 Phenanthrene
 Concen: 36.29 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.4	12.6	19.0

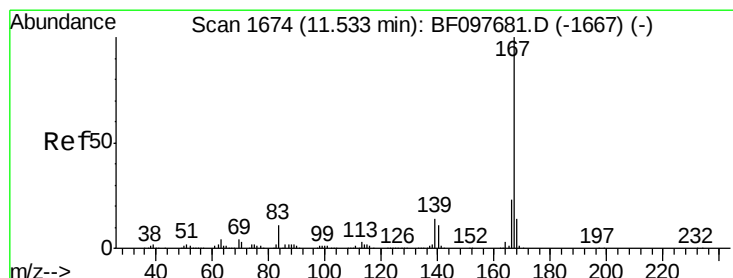
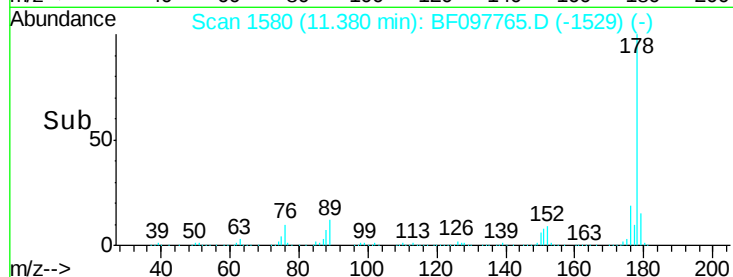
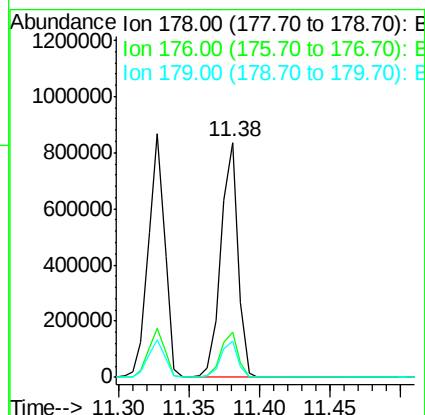
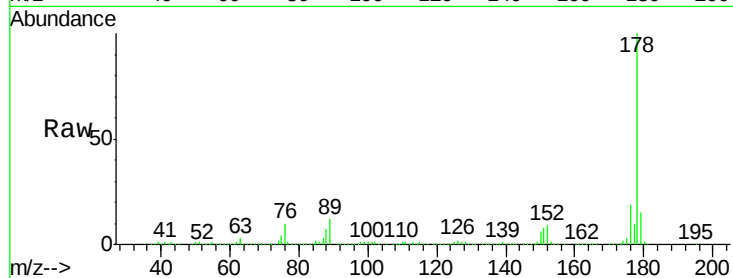




#71
 Anthracene
 Concen: 35.62 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

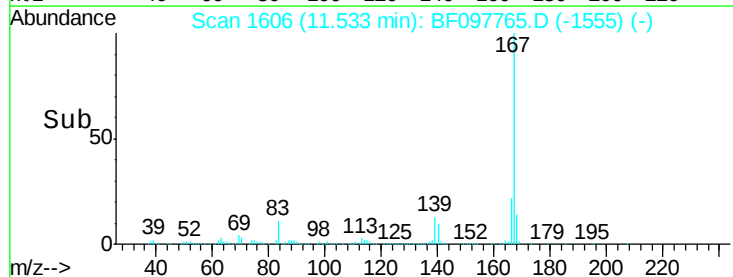
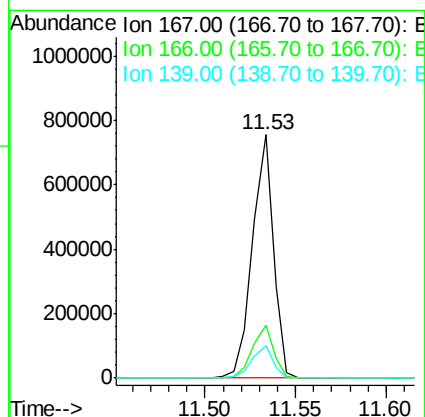
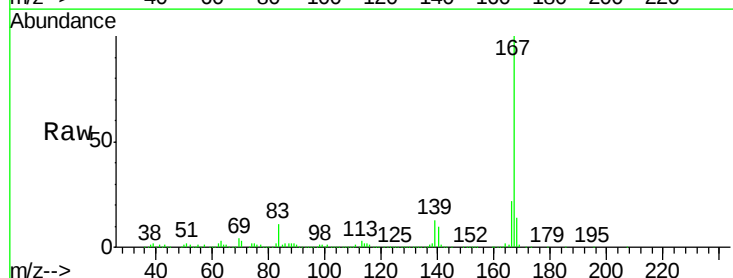
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion:178 Resp: 703109
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 32.67 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:167 Resp: 611980
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.2 11.7 17.5

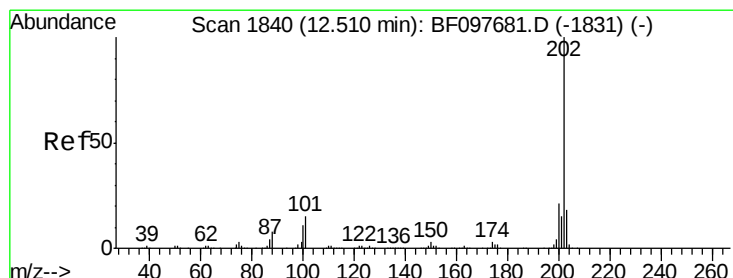
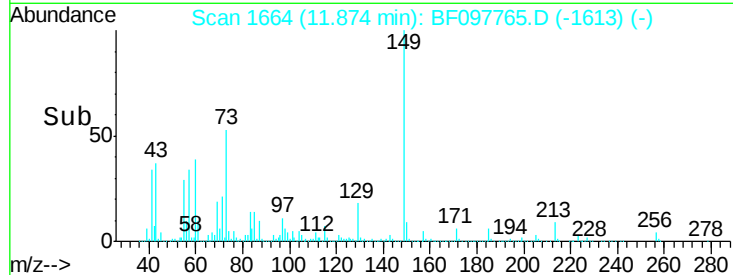
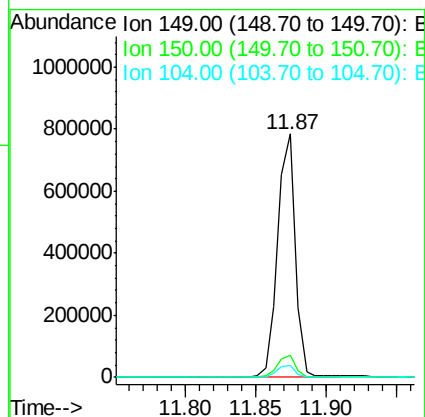
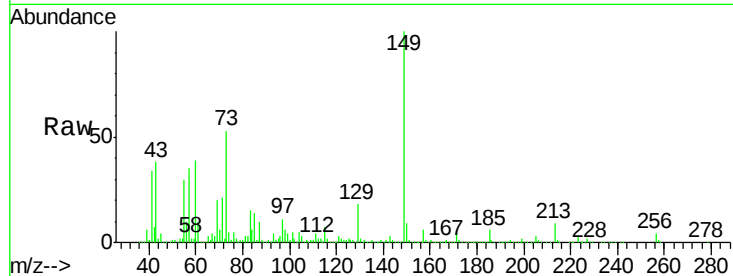




#73
Di-n-butylphthalate
Concen: 32.08 ng
RT: 11.87 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

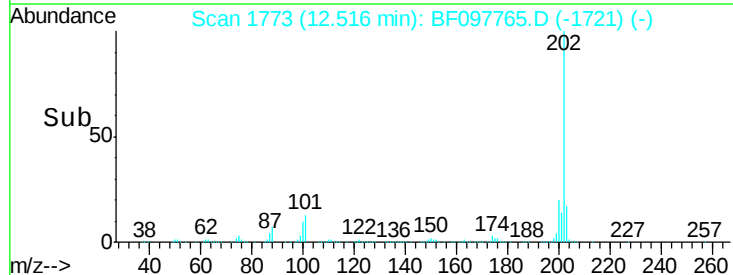
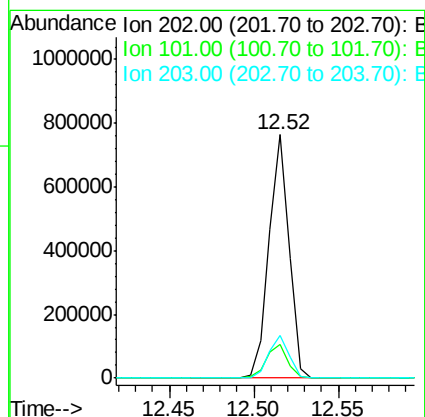
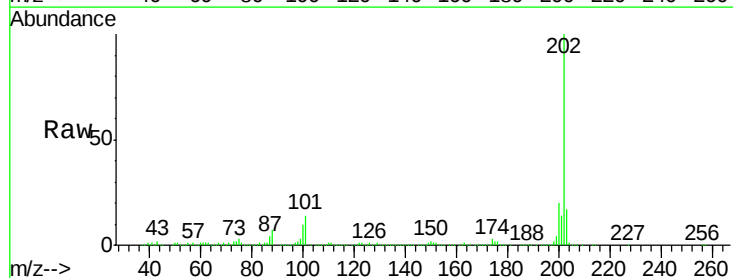
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

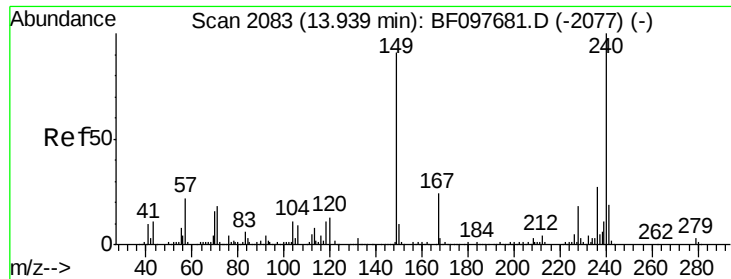
Tot Ion:149 Resp: 692269
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.7 4.0 6.0



#74
Fluoranthene
Concen: 30.93 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:202 Resp: 628264
Ion Ratio Lower Upper
202 100
101 13.7 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

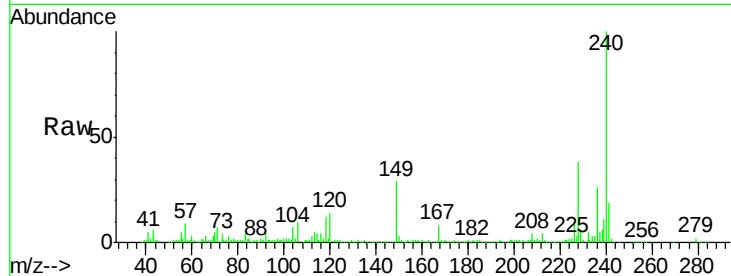
Tot Ion:240 Resp: 260731

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

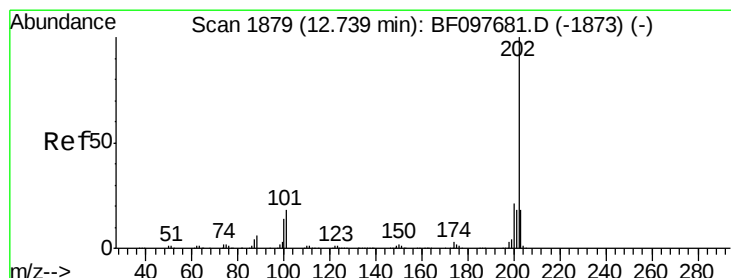
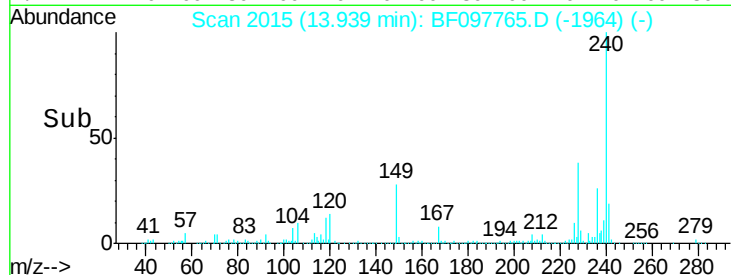
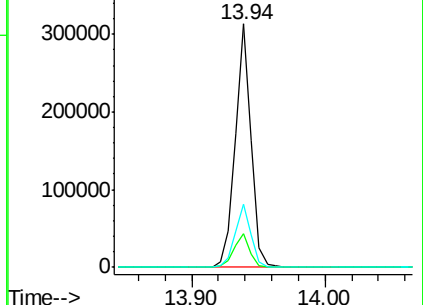
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 29.89 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

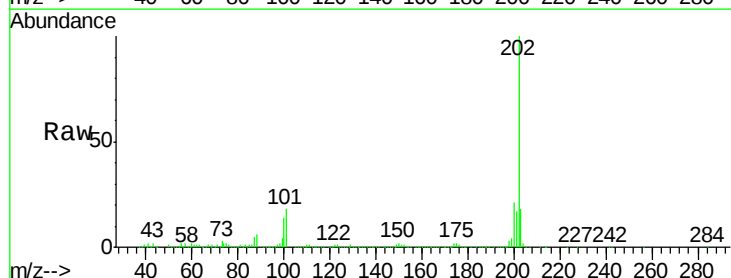
Tgt Ion:202 Resp: 637474

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

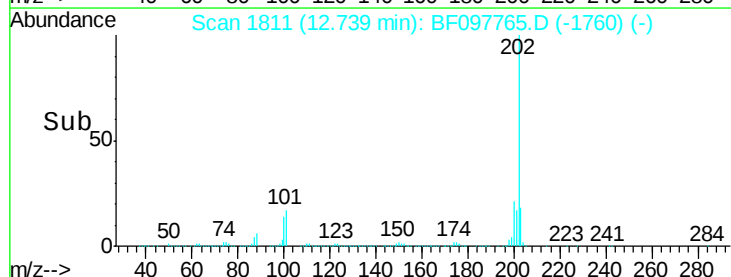
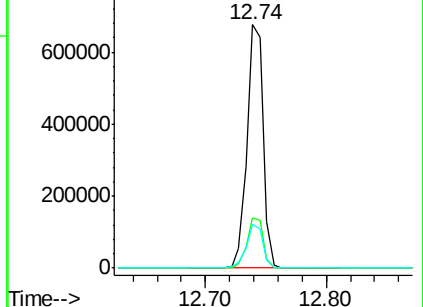
203 18.0 14.4 21.6

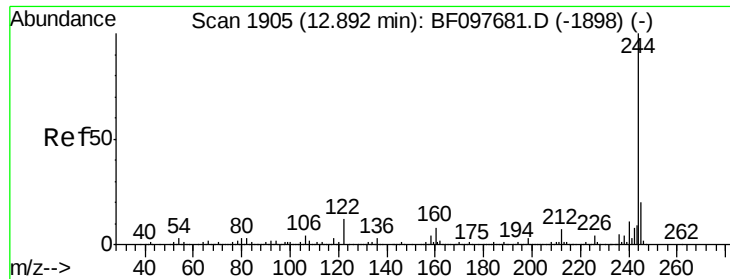


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

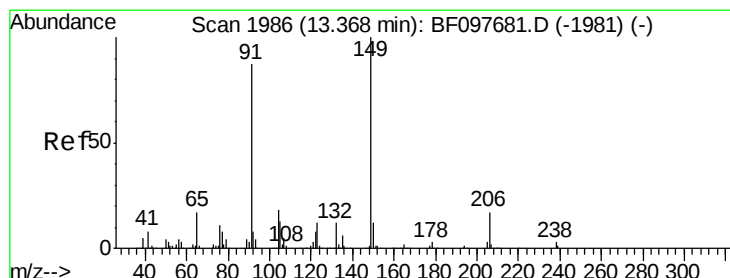
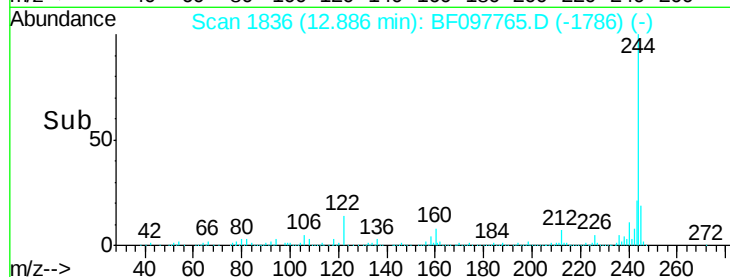
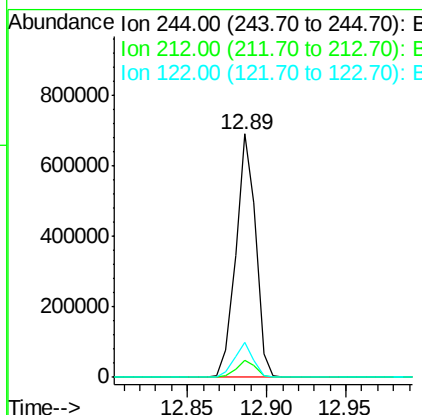
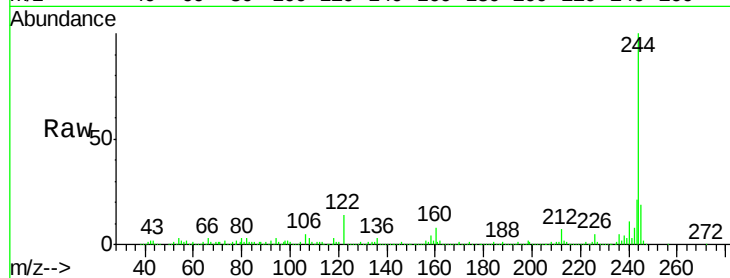




#78
 Terphenyl-d14
 Concen: 47.59 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

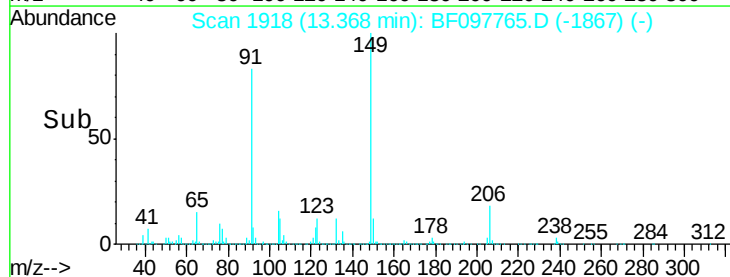
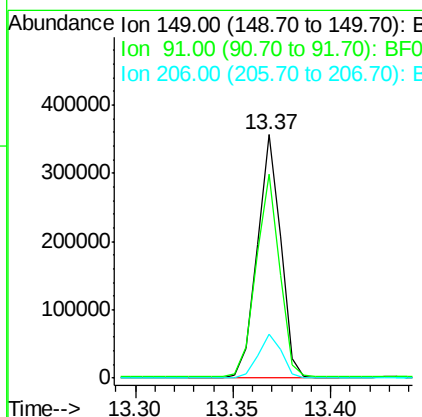
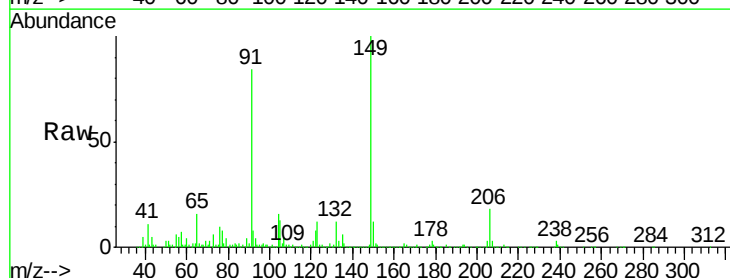
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

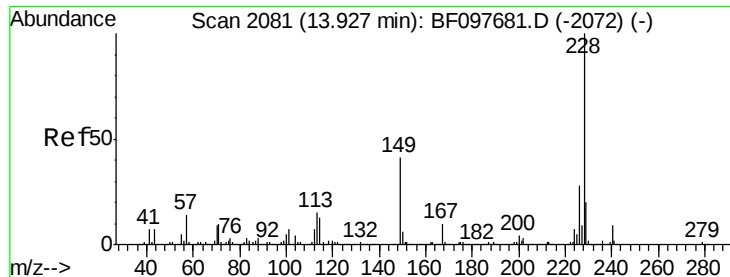
Tot Ion:244 Resp: 595057
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 14.3 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 36.04 ng
 RT: 13.37 min Scan# 1918
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:149 Resp: 294665
 Ion Ratio Lower Upper
 149 100
 91 83.6 45.0 67.4#
 206 18.0 17.0 25.6





#80

Benzo(a)anthracene

Concen: 34.24 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

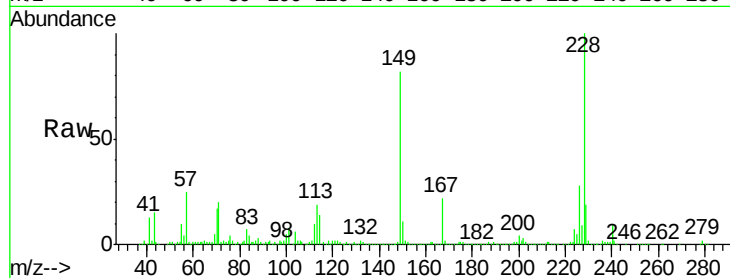
Tot Ion:228 Resp: 535042

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

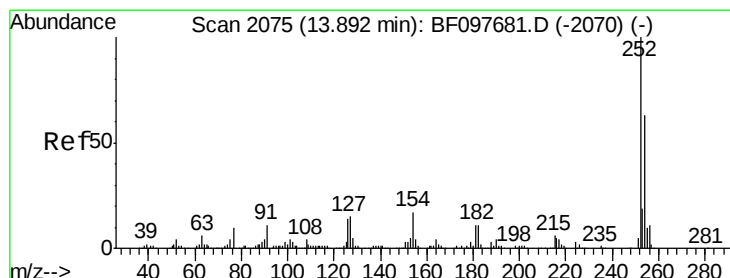
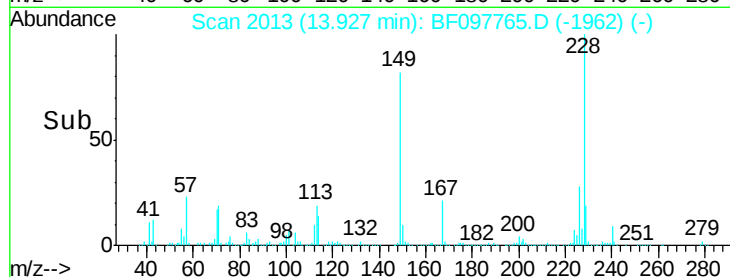
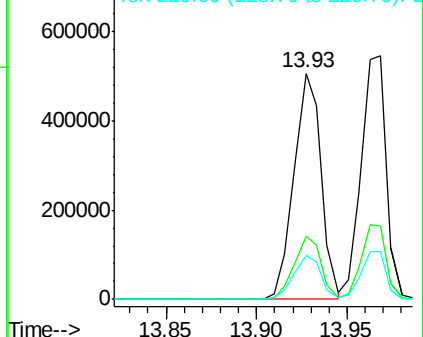
229 19.3 16.3 24.5



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: 5.77 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

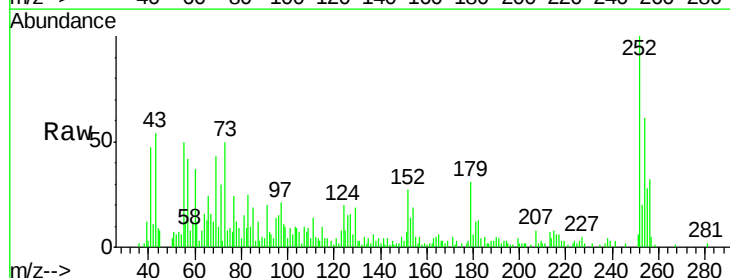
Tgt Ion:252 Resp: 30415

Ion Ratio Lower Upper

252 100

254 60.6 51.5 77.3

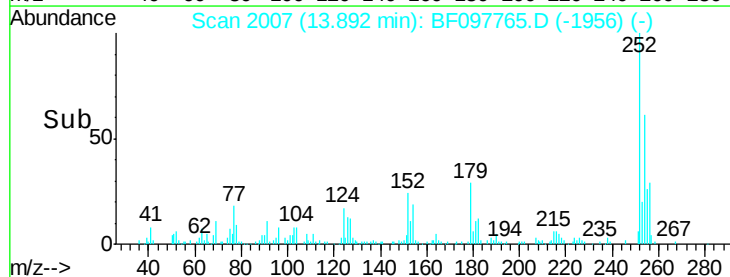
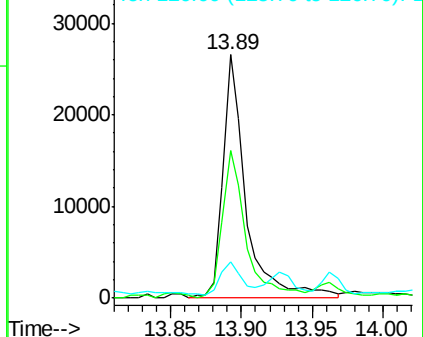
126 15.0 15.8 23.8#

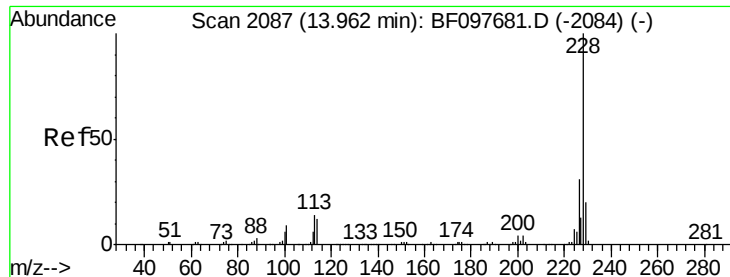


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 33.96 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

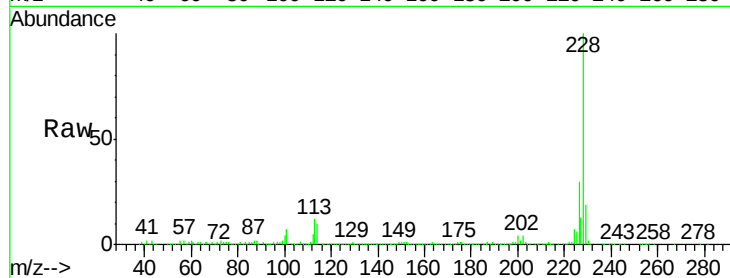
Tot Ion:228 Resp: 527954

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

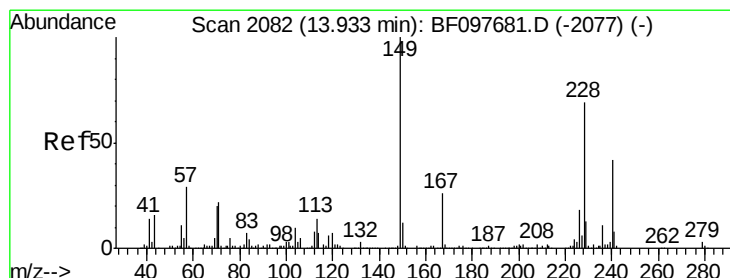
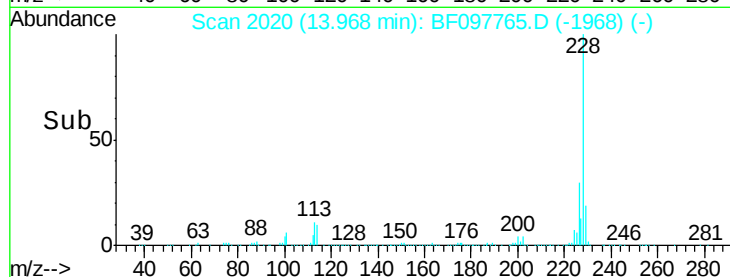
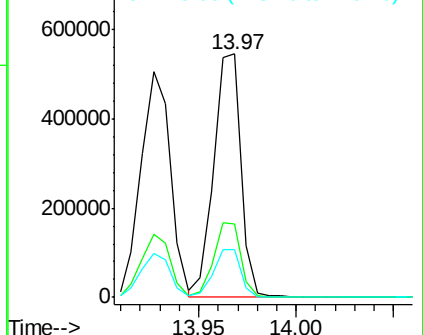
229 19.4 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 42.39 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

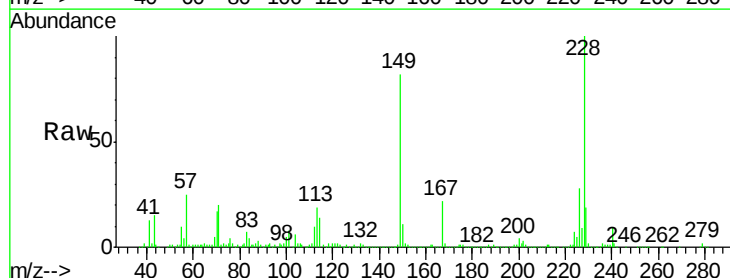
Tgt Ion:149 Resp: 384053

Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.4

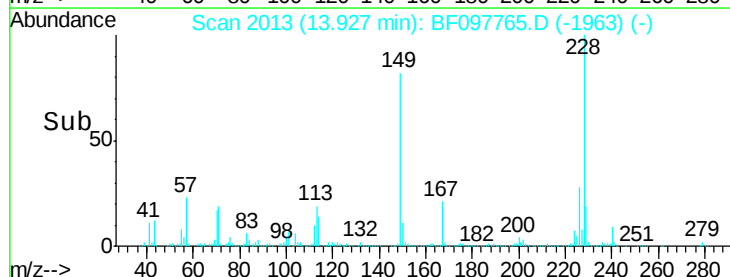
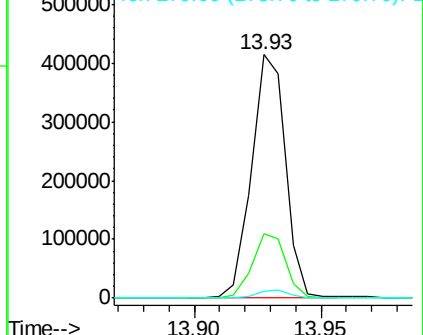
279 2.6 1.9 2.9

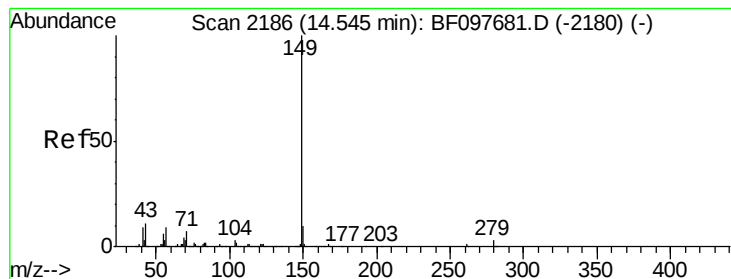


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 45.62 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

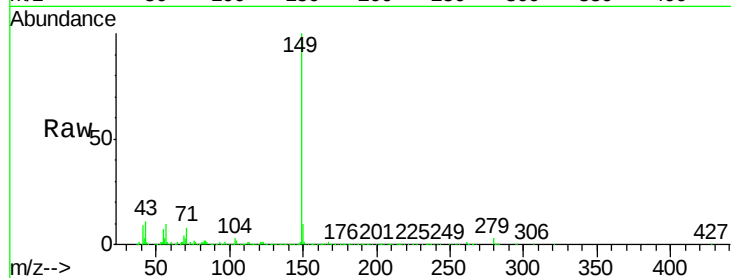
Tot Ion:149 Resp: 719099

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

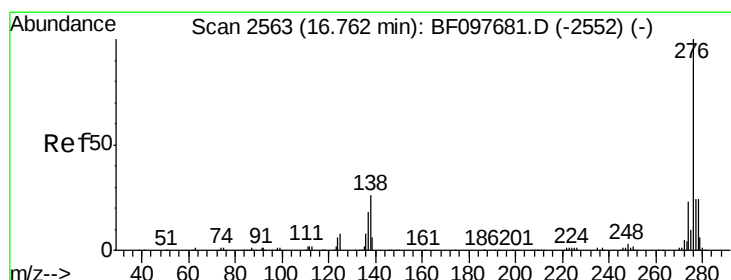
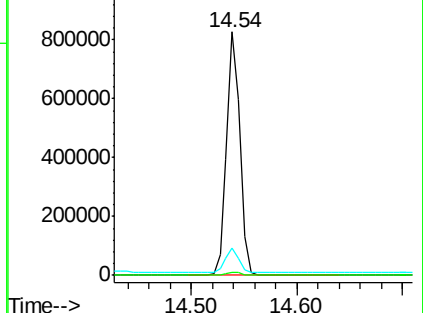
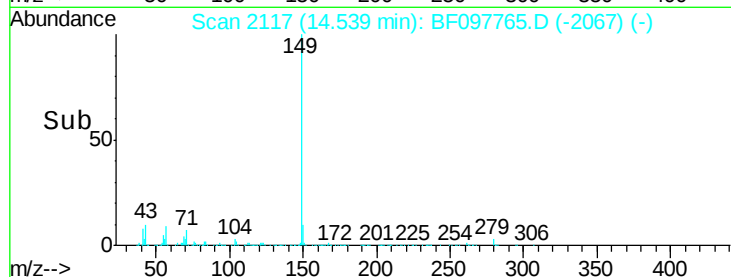
43 10.0 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.98 ng

RT: 16.77 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

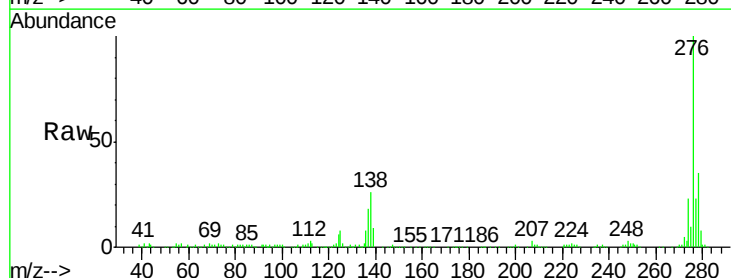
Tgt Ion:276 Resp: 422922

Ion Ratio Lower Upper

276 100

138 30.5 27.8 41.6

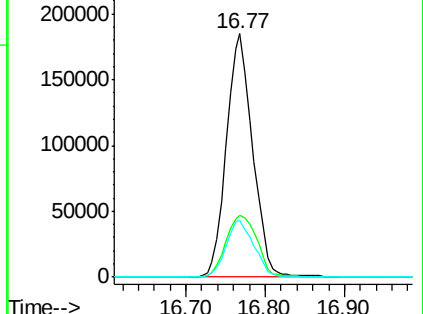
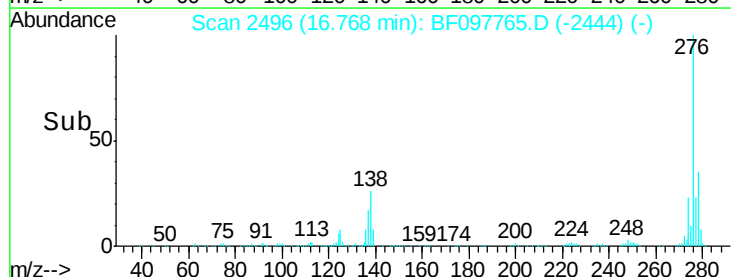
277 24.7 20.2 30.4

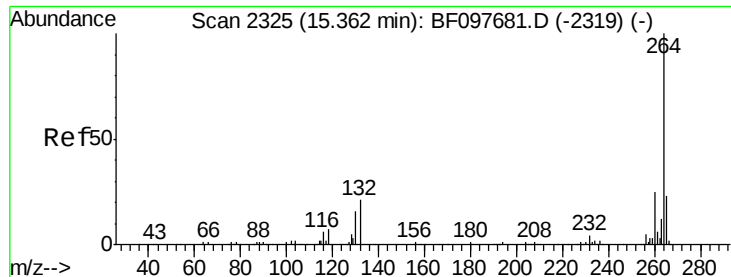


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

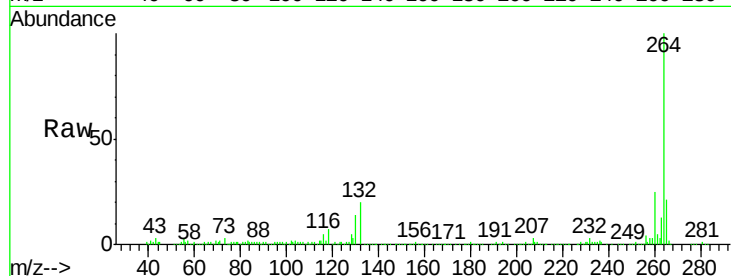




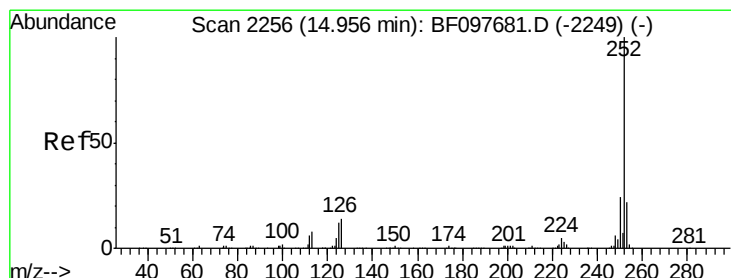
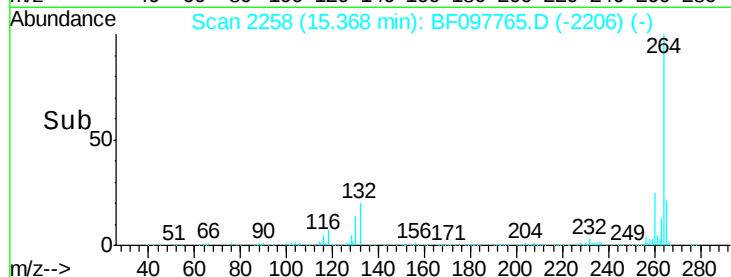
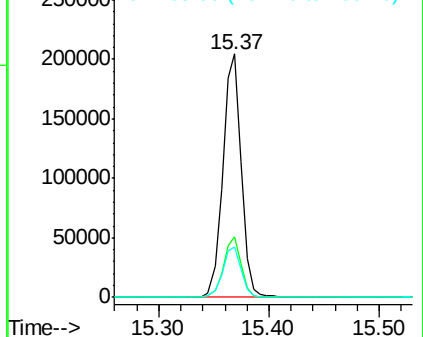
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion:264 Resp: 237342
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 20.7 17.2 25.8

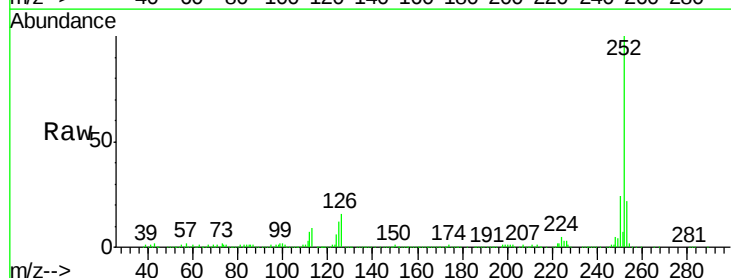


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

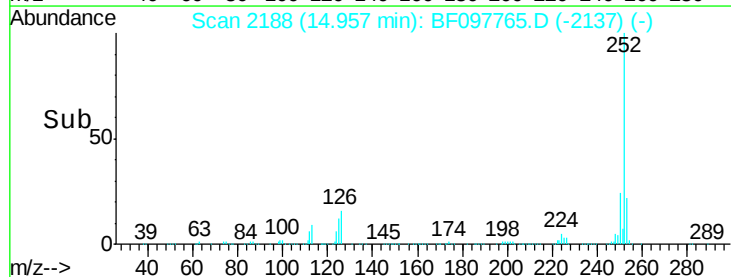
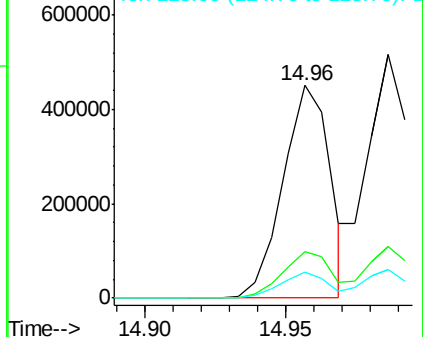


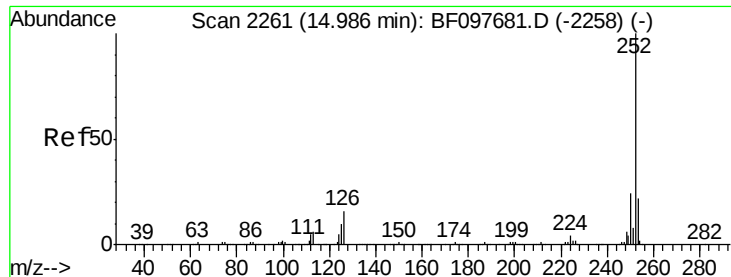
#87
Benzo(b)fluoranthene
Concen: 34.87 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion:252 Resp: 521725
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

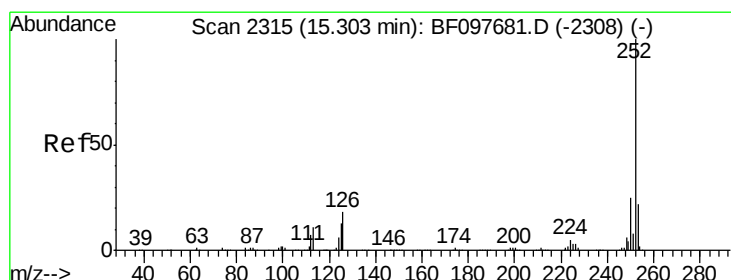
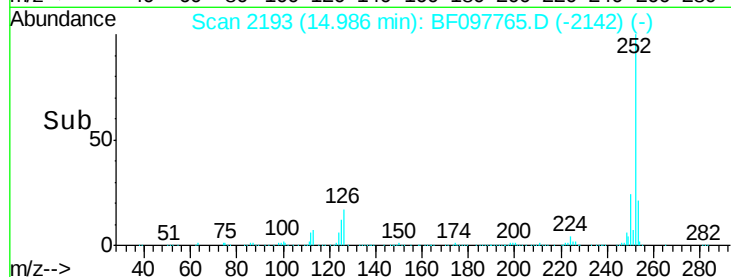
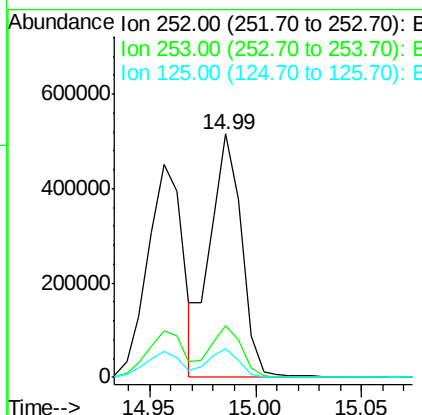
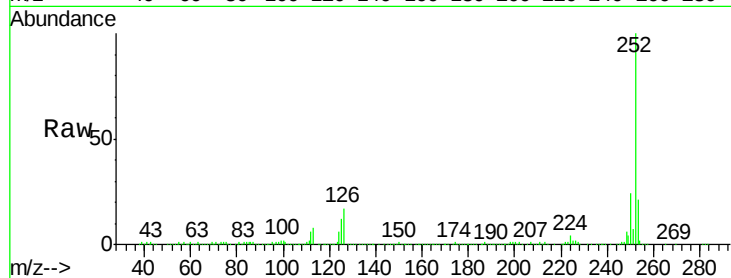




#88
Benzo(k)fluoranthene
Concen: 37.68 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

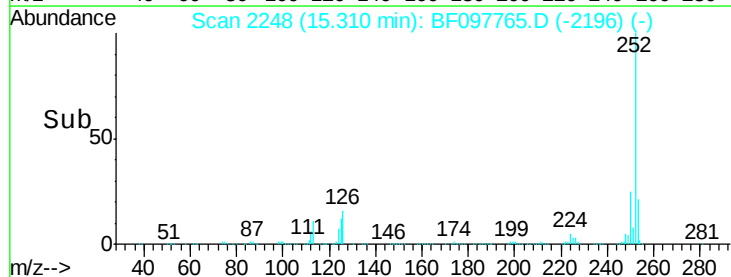
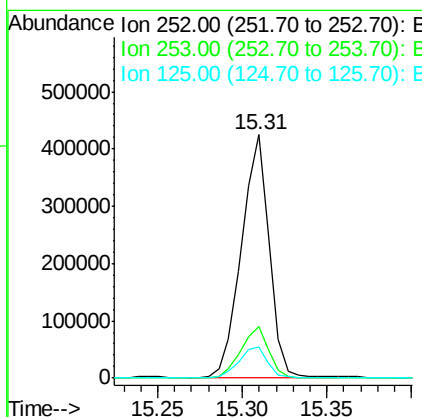
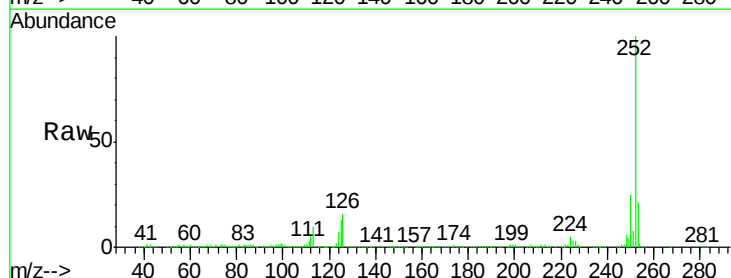
Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

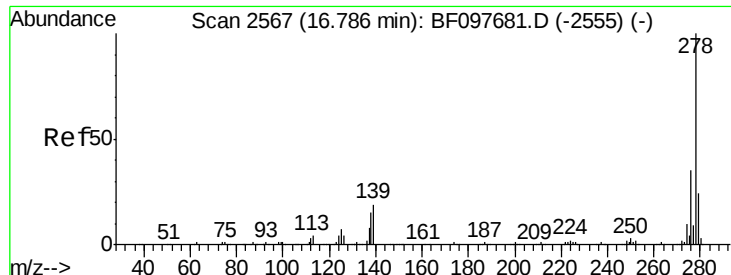
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	12.0	13.1	19.7#



#89
Benzo(a)pyrene
Concen: 36.78 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	12.5	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 33.28 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

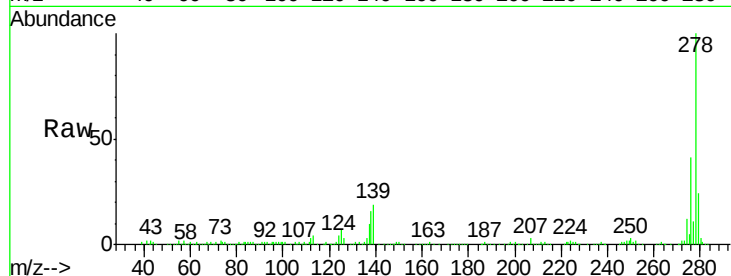
Tot Ion:278 Resp: 358858

Ion Ratio Lower Upper

278 100

139 18.7 16.6 24.8

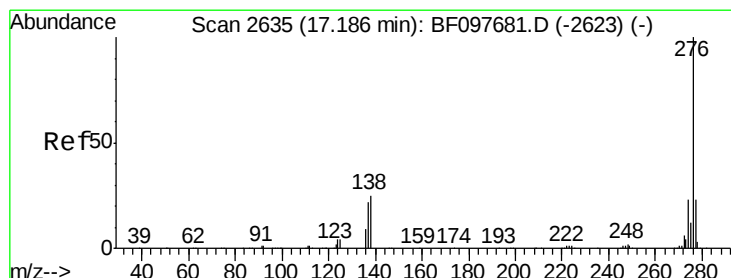
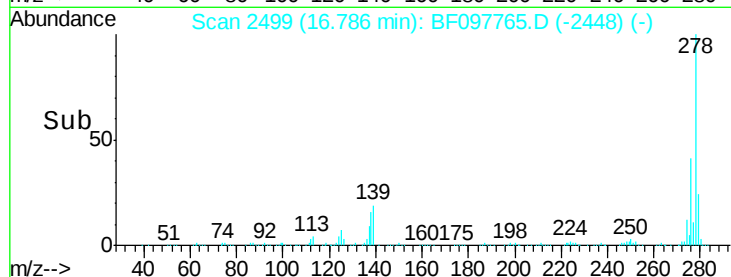
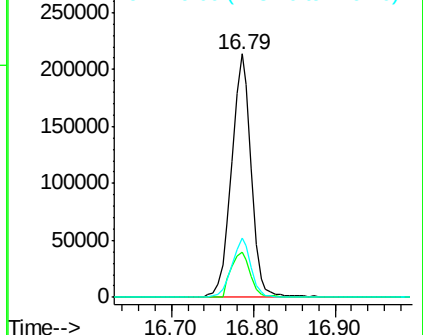
279 24.2 19.3 28.9



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: 29.43 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

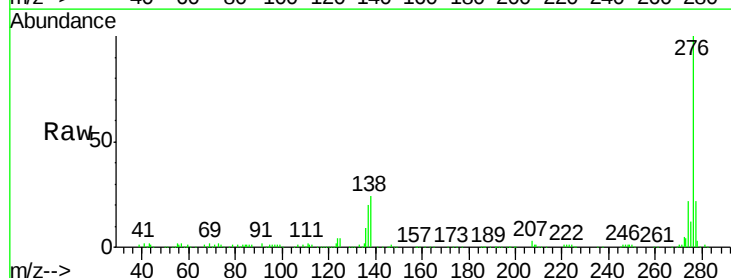
Tgt Ion:276 Resp: 331112

Ion Ratio Lower Upper

276 100

277 22.3 18.6 28.0

138 24.0 25.4 38.0#



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

