

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
 Data File : BF097419.D
 Acq On : 6 Aug 2017 4:44
 Operator : SJ/JU
 Sample : I4601-01MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

Quant Time: Aug 06 07:53:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	101153	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	355878	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	129842	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	207227	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	149836	20.00	ng	-0.08
86) Perylene-d12	14.89	264	114045	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	385165	57.40	ng	-0.07
7) Phenol-d6	6.10	99	657050	85.77	ng	-0.06
23) Nitrobenzene-d5	7.00	82	384000	63.30	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	42977	41.89	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	613148	80.14	ng	-0.08
78) Terphenyl-d14	12.50	244	450903	61.36	ng	-0.08

Target Compounds						Qvalue
2) 1,4-Dioxane	1.94	88	73927	26.40	ng	# 74
3) Pyridine	2.54	79	234733	27.38	ng	# 65
4) n-Nitrosodimethylamine	2.50	42	129740	27.31	ng	# 78
6) Aniline	6.09	93	201171	20.87	ng	97
8) 2-Chlorophenol	6.22	128	151665	21.14	ng	91
9) Benzaldehyde	5.97	77	105466	23.26	ng	95
10) Phenol	6.12	94	254118	27.97	ng	96
11) bis(2-Chloroethyl)ether	6.17	93	200452	27.89	ng	89
12) 1,3-Dichlorobenzene	6.36	146	237400	30.70	ng	98
13) 1,4-Dichlorobenzene	6.45	146	230531	30.08	ng	96
14) 1,2-Dichlorobenzene	6.60	146	200324	29.94	ng	96
15) Benzyl Alcohol	6.59	79	164243	33.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.72	45	437712	30.37	ng	78
17) 2-Methylphenol	6.72	107	167676	30.28	ng	# 87
18) Hexachloroethane	6.93	117	49714	17.73	ng	# 86
19) n-Nitroso-di-n-propylamine	6.86	70	158711	31.48	ng	# 81
20) 3+4-Methylphenols	6.88	107	221335	30.60	ng	# 62
22) Acetophenone	6.85	105	305290	35.72	ng	# 99
24) Nitrobenzene	7.02	77	182736	28.92	ng	93
25) Isophorone	7.26	82	374213	31.50	ng	99
26) 2-Nitrophenol	7.34	139	34479	10.09	ng	92
27) 2,4-Dimethylphenol	7.40	122	185475	32.89	ng	96
28) bis(2-Chloroethoxy)methane	7.47	93	259072	33.42	ng	98
29) 2,4-Dichlorophenol	7.60	162	102017	21.00	ng	94
30) 1,2,4-Trichlorobenzene	7.66	180	149521	32.29	ng	98
31) Naphthalene	7.73	128	553798	33.01	ng	99
32) Benzoic acid	7.40	122	185475	44.05	ng	# 11
33) 4-Chloroaniline	7.79	127	172961	25.34	ng	98
34) Hexachlorobutadiene	7.85	225	73934	30.12	ng	99
35) Caprolactam	8.15	113	44353	28.48	ng	# 57
36) 4-Chloro-3-methylphenol	8.30	107	151780	28.64	ng	# 85
37) 2-Methylnaphthalene	8.42	142	326172	30.71	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.59	216	124862	36.04	ng	99
40) Hexachlorocyclopentadiene	8.57	237	304	6.82	ng	# 27

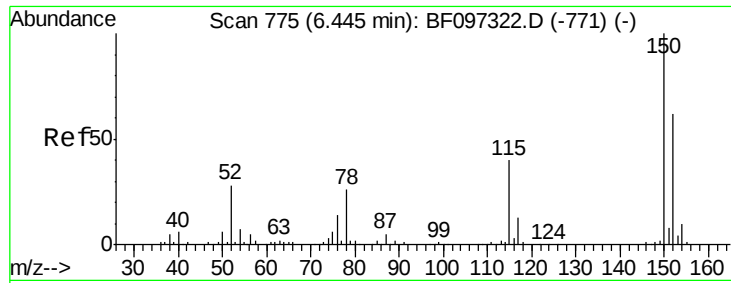
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.72	196	14383	5.73	ng	97
43) 2,4,5-Trichlorophenol	8.78	196	26237	10.44	ng	# 94
45) 1,1'-Biphenyl	8.89	154	382672	34.51	ng	98
46) 2-Chloronaphthalene	8.90	162	283095	34.69	ng	# 92
47) 2-Nitroaniline	9.02	65	116367	39.29	ng	98
48) Acenaphthylene	9.31	152	427218	34.10	ng	99
49) Dimethylphthalate	9.19	163	422894	42.89	ng	99
50) 2,6-Dinitrotoluene	9.26	165	61610	29.46	ng	# 78
51) Acenaphthene	9.49	154	241429	32.72	ng	98
52) 3-Nitroaniline	9.43	138	94303	36.33	ng	# 90
54) Dibenzofuran	9.66	168	356833	36.31	ng	99
55) 4-Nitrophenol	9.66	139	134678	87.25	ng	# 28
56) 2,4-Dinitrotoluene	9.67	165	70946	29.51	ng	# 82
57) Fluorene	10.00	166	253842	34.36	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.76	232	4049	2.33	ng	# 52
59) Diethylphthalate	9.89	149	322517	35.65	ng	99
60) 4-Chlorophenyl-phenylether	9.99	204	108223	35.48	ng	98
61) 4-Nitroaniline	10.03	138	84329	34.19	ng	95
62) Azobenzene	10.15	77	287220	34.23	ng	94
65) n-Nitrosodiphenylamine	10.12	169	241429	33.48	ng	100
66) 4-Bromophenyl-phenylether	10.47	248	64414	31.15	ng	92
67) Hexachlorobenzene	10.55	284	69997	30.18	ng	# 81
68) Atrazine	10.65	200	72436	35.03	ng	92
70) Phenanthrene	10.95	178	391903	35.30	ng	97
71) Anthracene	11.00	178	380339	33.44	ng	97
72) Carbazole	11.16	167	376528	33.67	ng	98
73) Di-n-butylphthalate	11.50	149	446715	32.31	ng	# 98
74) Fluoranthene	12.13	202	376634	34.63	ng	99
76) Benzidine	12.26	184	253499	45.60	ng	# 92
77) Pyrene	12.35	202	414508	33.79	ng	99
79) Butylbenzylphthalate	12.99	149	193310	30.98	ng	# 84
80) Benzo(a)anthracene	13.54	228	299596	30.90	ng	99
81) 3,3'-Dichlorobenzidine	13.50	252	108534	29.69	ng	# 97
82) Chrysene	13.57	228	290854	30.72	ng	99
83) Bis(2-ethylhexyl)phthalate	13.55	149	257247	31.58	ng	100
84) Di-n-octyl phthalate	14.16	149	531256	35.53	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.09	276	209497	25.81	ng	95
87) Benzo(b)fluoranthene	14.54	252	267507	39.02	ng	97
88) Benzo(k)fluoranthene	14.56	252	213625	32.70	ng	96
89) Benzo(a)pyrene	14.84	252	211565	33.72	ng	98
90) Dibenzo(a,h)anthracene	16.09	278	173112	33.65	ng	94
91) Benzo(g,h,i)perylene	16.44	276	177675	32.93	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.43 min Scan# 789

Delta R.T. -0.07 min

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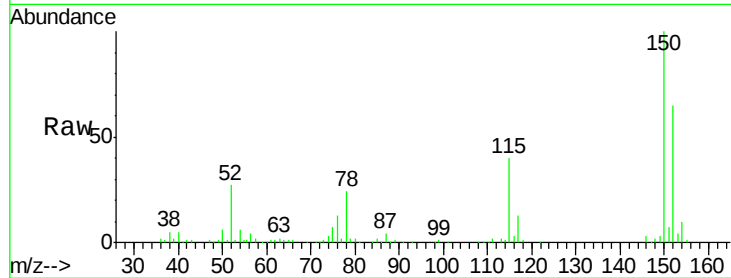
Tgt Ion:152 Resp: 101153

Ion Ratio Lower Upper

152 100

150 154.1 126.2 189.2

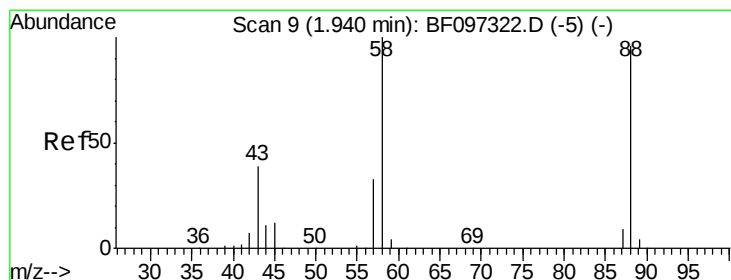
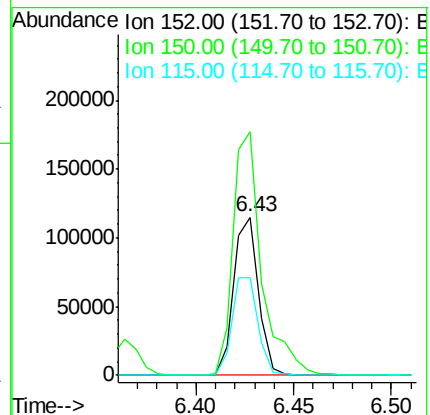
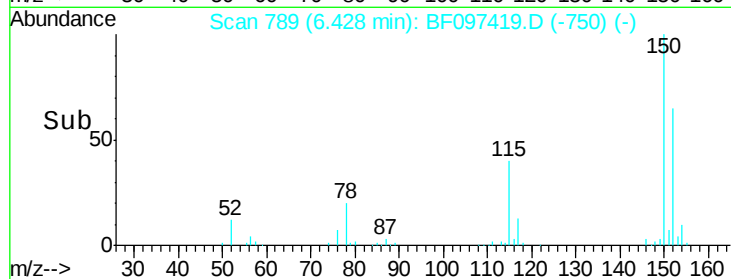
115 61.8 52.2 78.2



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: 26.40 ng

RT: 1.94 min Scan# 26

Delta R.T. -0.11 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

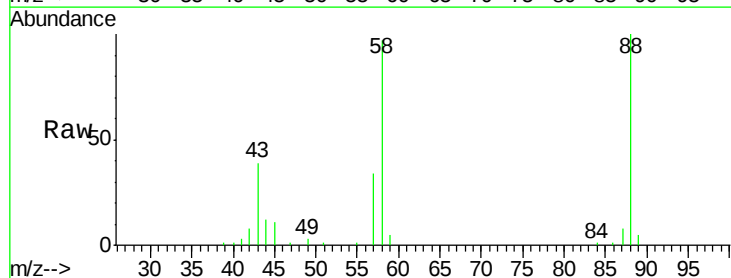
Tgt Ion: 88 Resp: 73927

Ion Ratio Lower Upper

88 100

58 101.0 61.4 92.0#

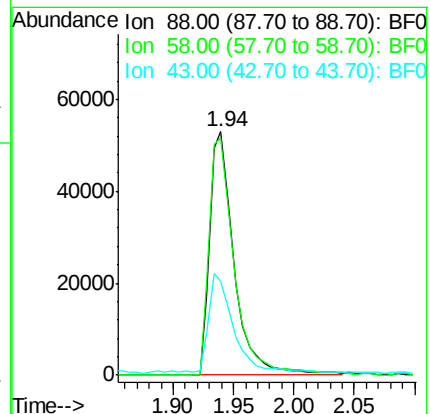
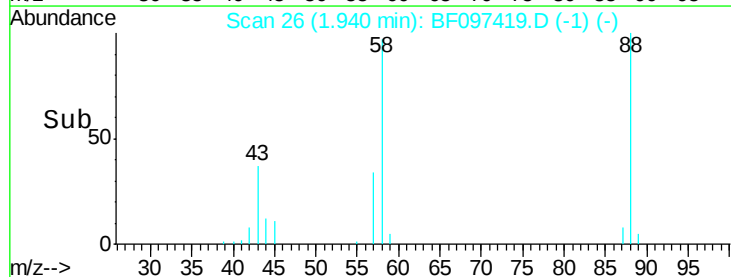
43 39.8 23.4 35.0#

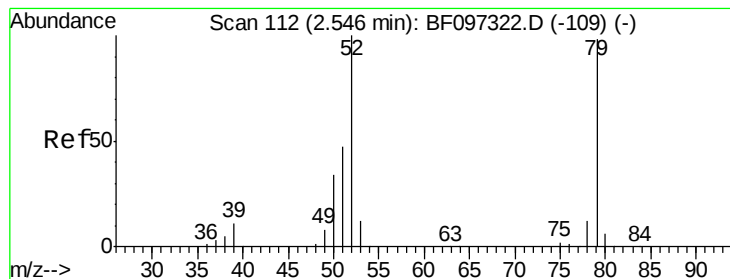


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.38 ng

RT: 2.54 min Scan# 128

Delta R.T. -0.12 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

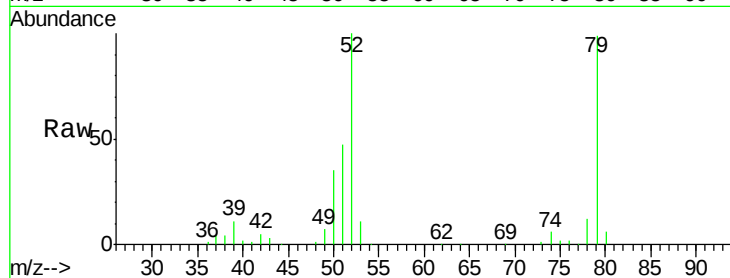
Tgt Ion: 79 Resp: 234733

Ion Ratio Lower Upper

79 100

52 100.7 54.8 82.2#

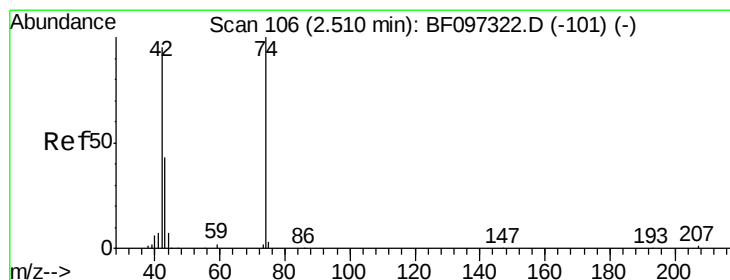
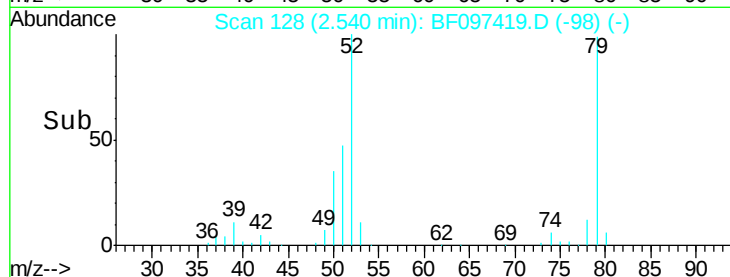
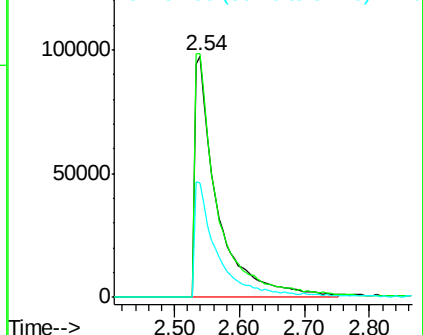
51 47.6 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 27.31 ng

RT: 2.50 min Scan# 121

Delta R.T. -0.12 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

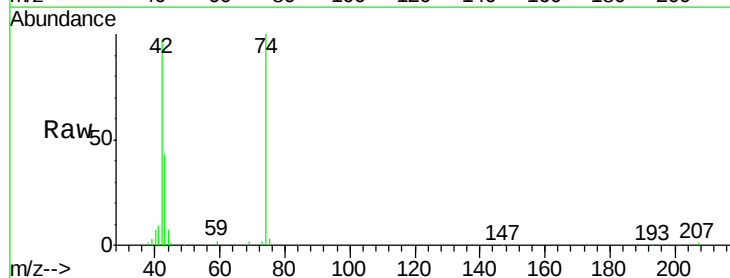
Tgt Ion: 42 Resp: 129740

Ion Ratio Lower Upper

42 100

74 103.2 103.9 155.9#

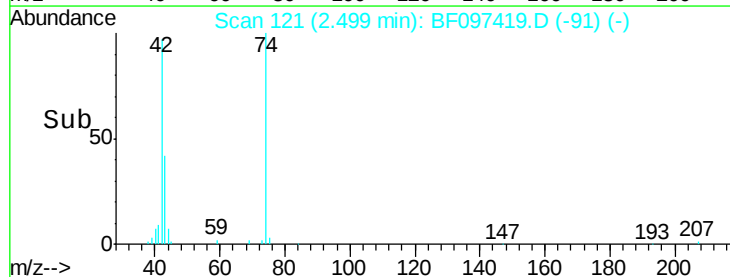
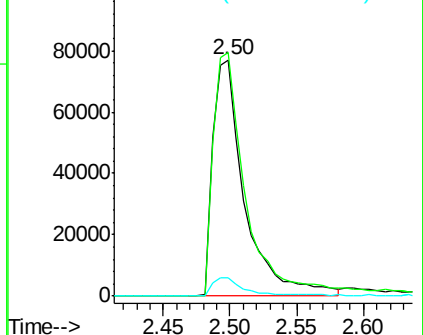
44 7.6 5.7 8.5

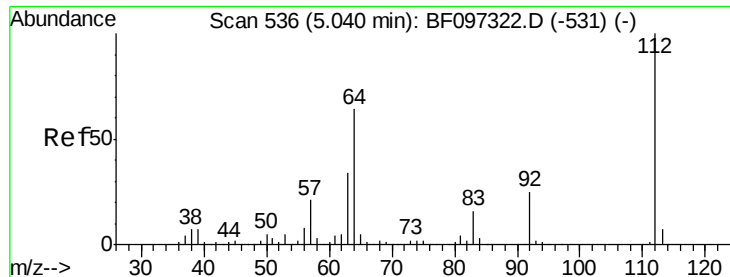


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 57.40 ng

RT: 5.03 min Scan# 551

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

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ClientSampleId :

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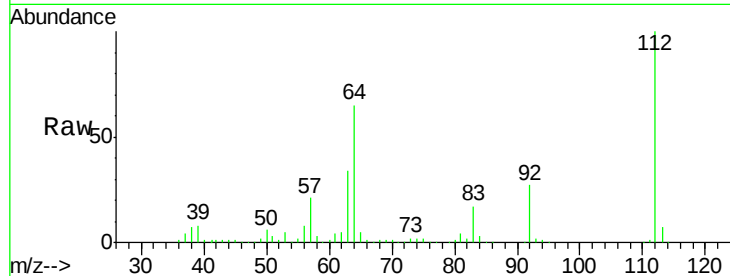
Tgt Ion: 112 Resp: 385165

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

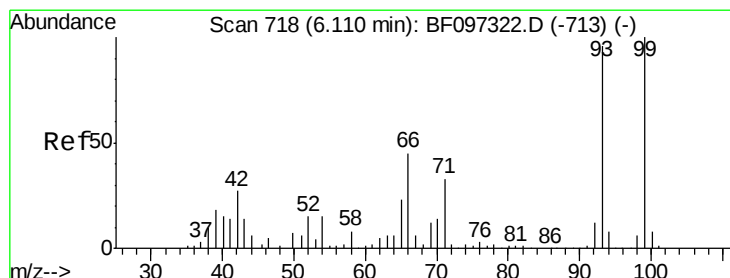
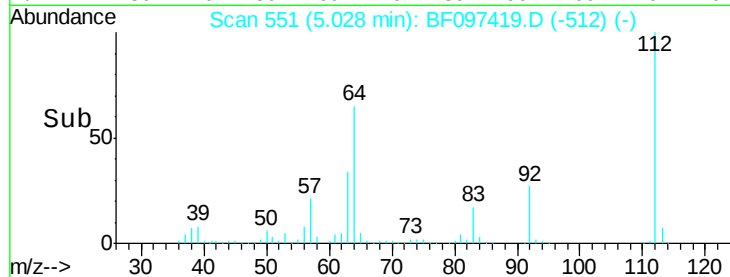
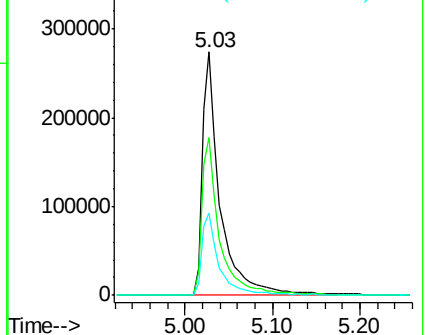
63 33.6 23.4 35.0



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: 20.87 ng

RT: 6.09 min Scan# 731

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

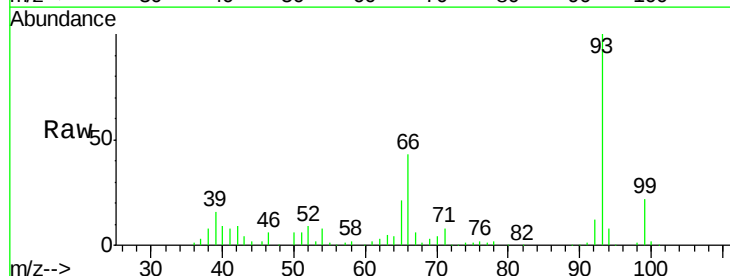
Tgt Ion: 93 Resp: 201171

Ion Ratio Lower Upper

93 100

66 42.6 32.9 49.3

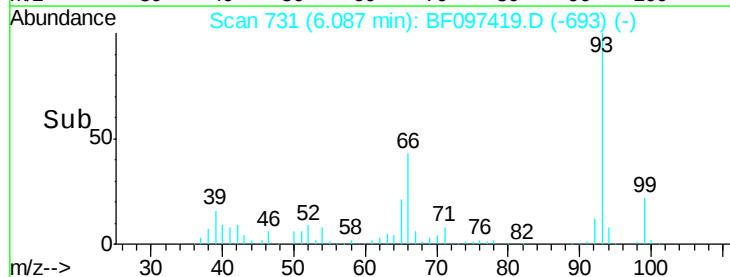
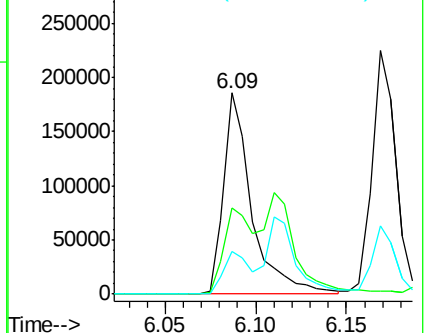
65 21.4 16.0 24.0

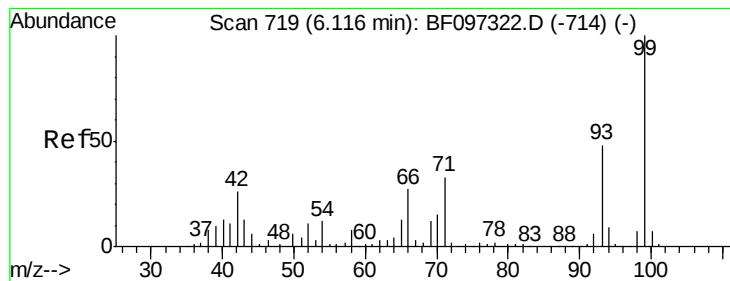


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.77 ng

RT: 6.10 min Scan# 734

Delta R.T. -0.06 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

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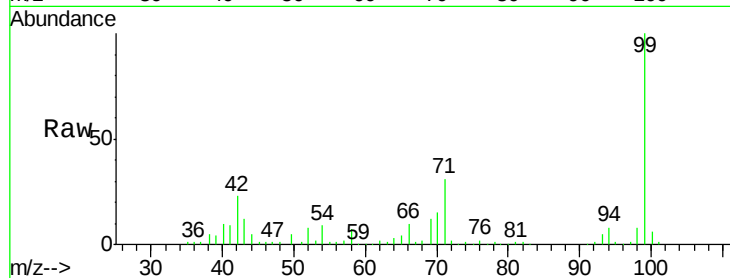
Tgt Ion: 99 Resp: 657050

Ion Ratio Lower Upper

99 100

42 23.2 13.5 20.3#

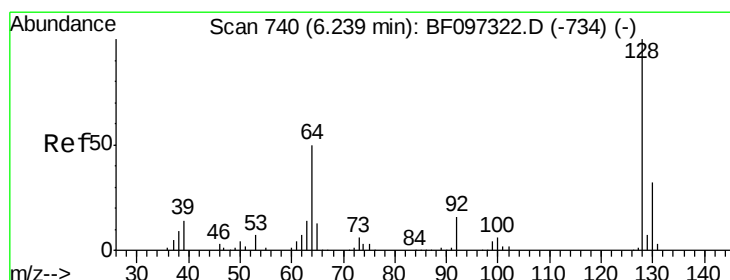
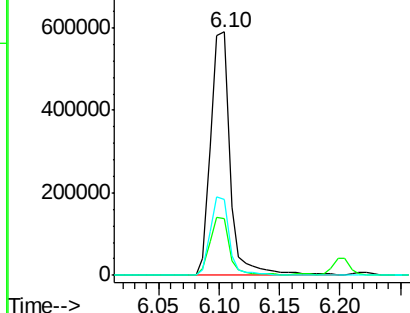
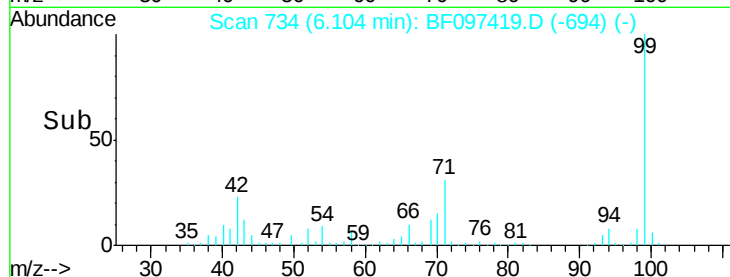
71 31.4 24.5 36.7



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: 21.14 ng

RT: 6.22 min Scan# 753

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

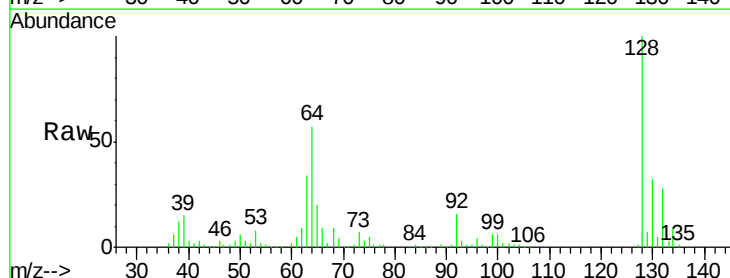
Tgt Ion: 128 Resp: 151665

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

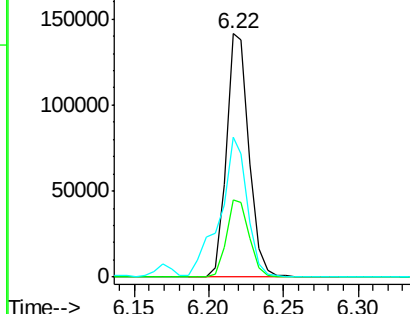
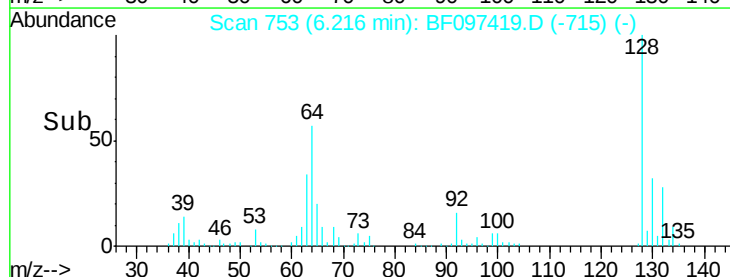
64 57.3 28.4 68.4

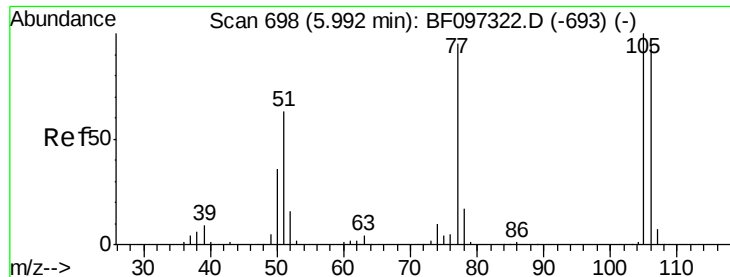


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

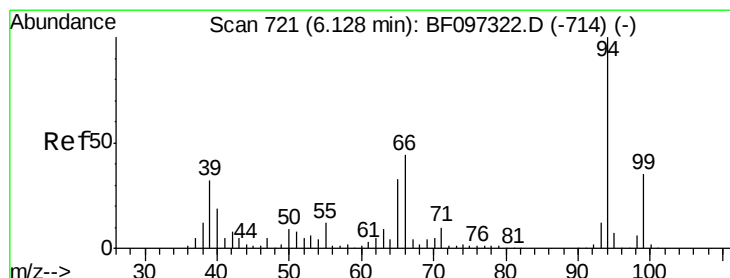
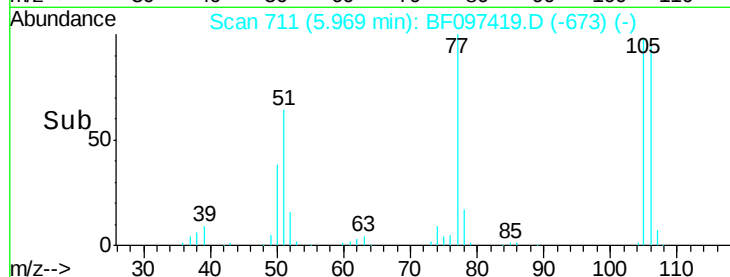
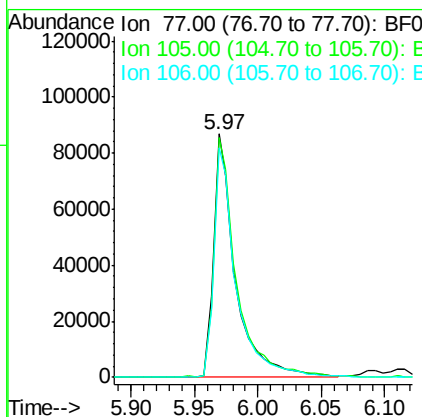
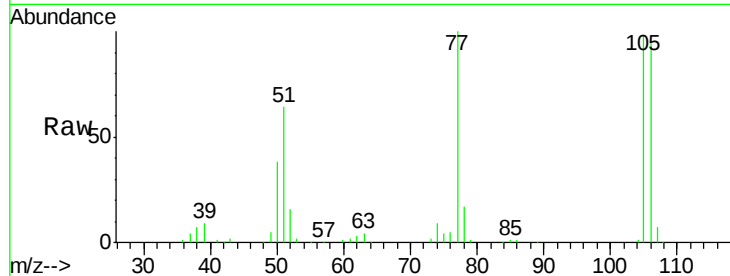




#9
Benzaldehyde
Concen: 23.26 ng
RT: 5.97 min Scan# 711
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

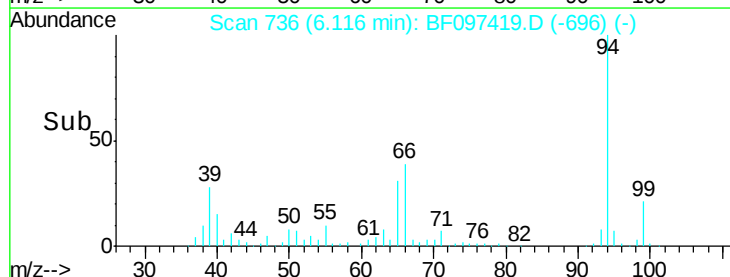
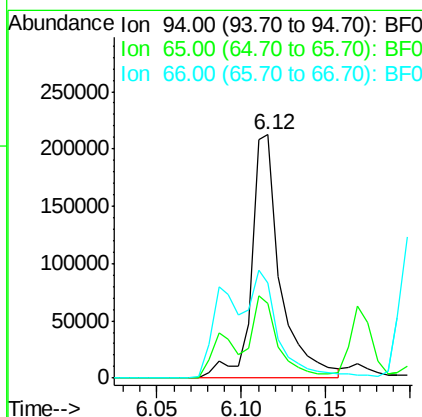
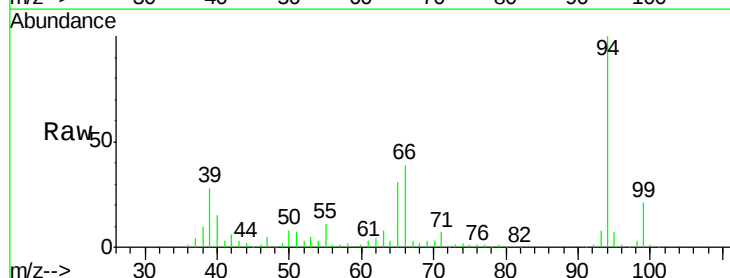
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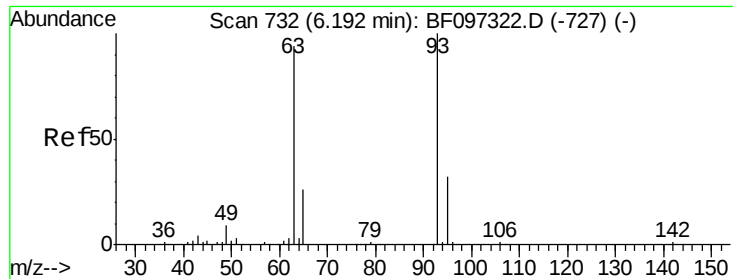
Tgt Ion: 77 Resp: 105466
Ion Ratio Lower Upper
77 100
105 98.4 83.8 123.8
106 94.2 79.1 119.1



#10
Phenol
Concen: 27.97 ng
RT: 6.12 min Scan# 736
Delta R.T. -0.06 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion: 94 Resp: 254118
Ion Ratio Lower Upper
94 100
65 30.8 9.9 49.9
66 39.1 23.1 63.1

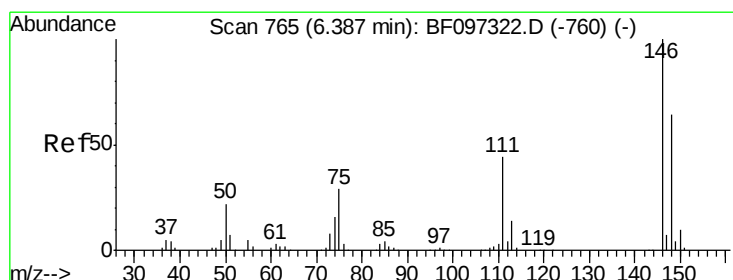
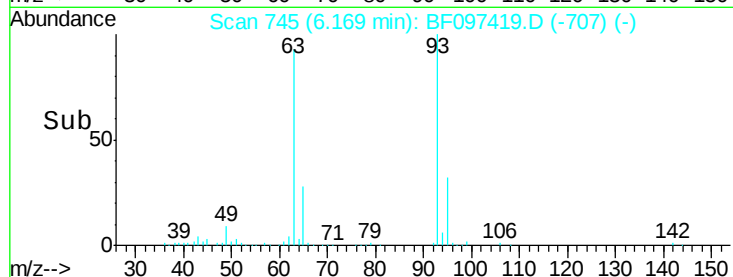
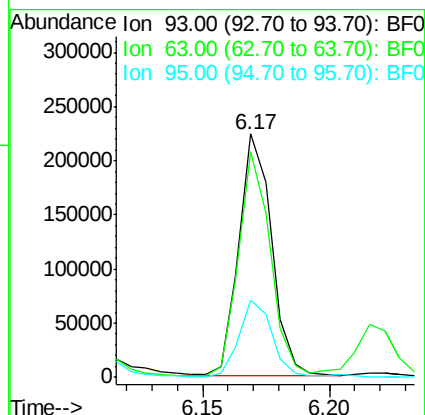
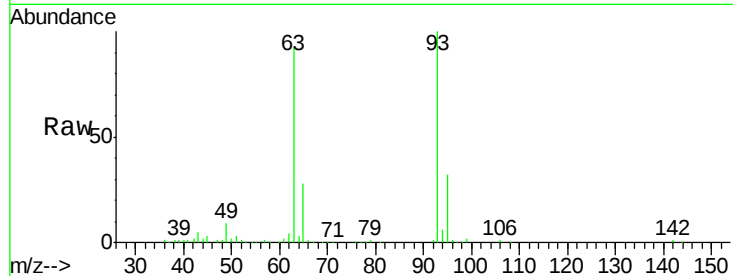




#11
bis(2-Chloroethyl)ether
Concen: 27.89 ng
RT: 6.17 min Scan# 745
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

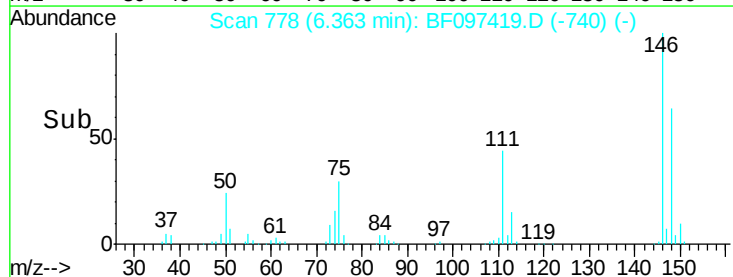
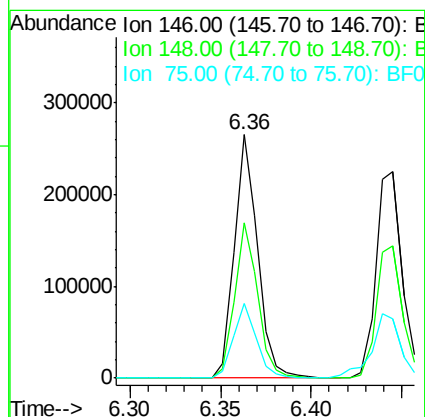
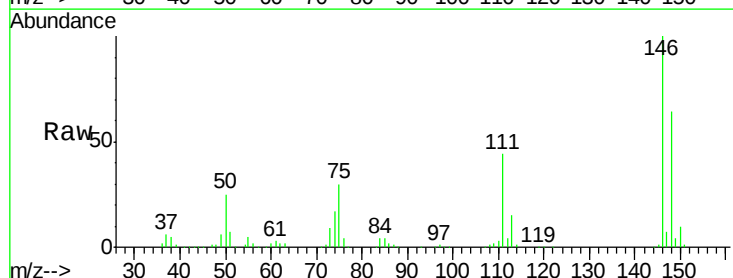
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

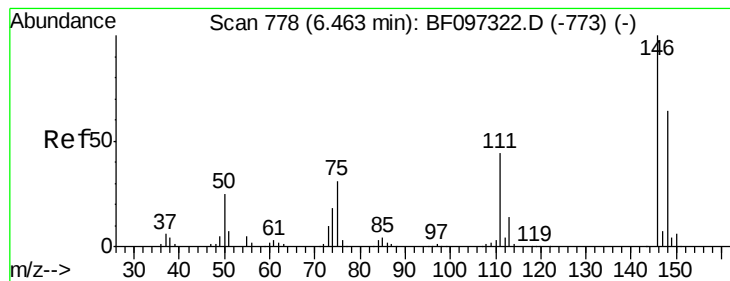
Tgt Ion: 93 Resp: 200452
Ion Ratio Lower Upper
93 100
63 92.6 59.2 99.2
95 31.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 30.70 ng
RT: 6.36 min Scan# 778
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion: 146 Resp: 237400
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 30.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 30.08 ng

RT: 6.45 min Scan# 792

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

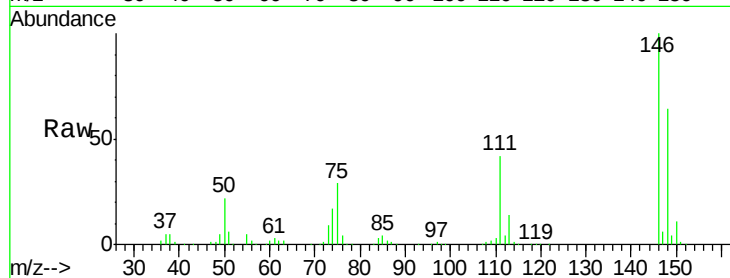
Tgt Ion:146 Resp: 230531

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

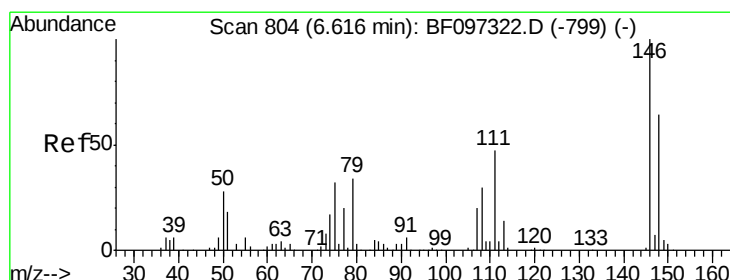
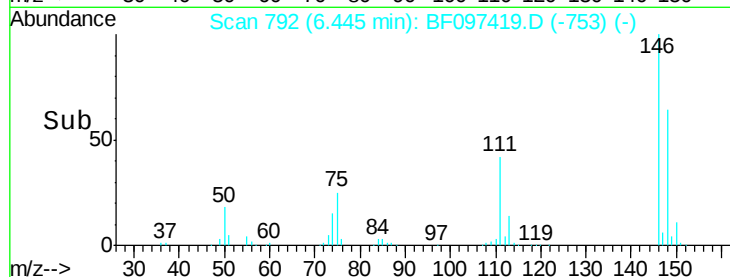
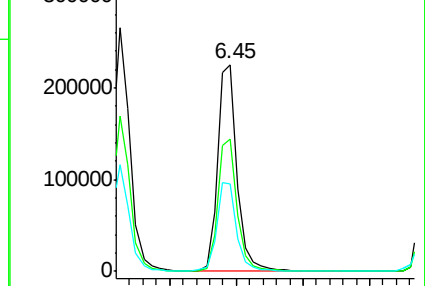
111 42.0 30.3 45.5



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: 29.94 ng

RT: 6.60 min Scan# 818

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

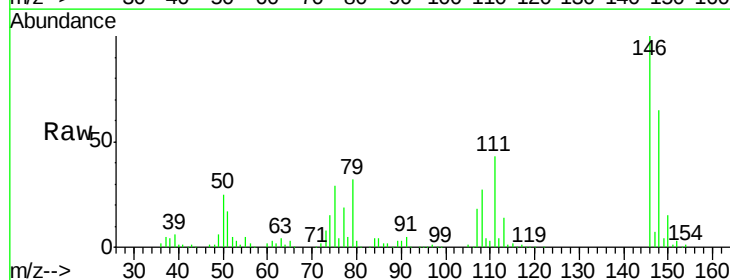
Tgt Ion:146 Resp: 200324

Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

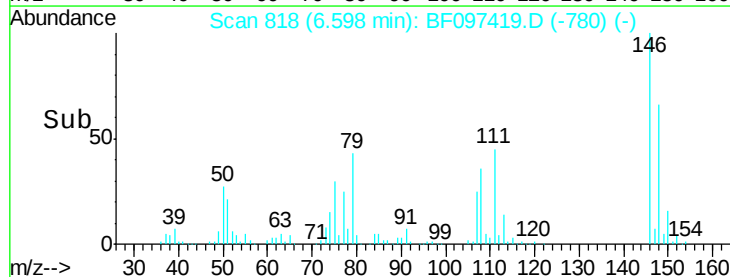
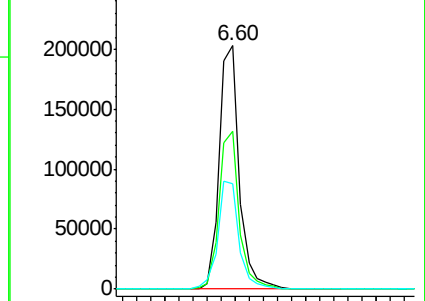
111 43.3 38.2 57.4

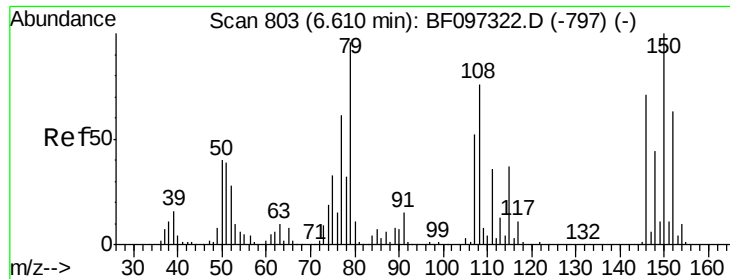


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.86 ng

RT: 6.59 min Scan# 817

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

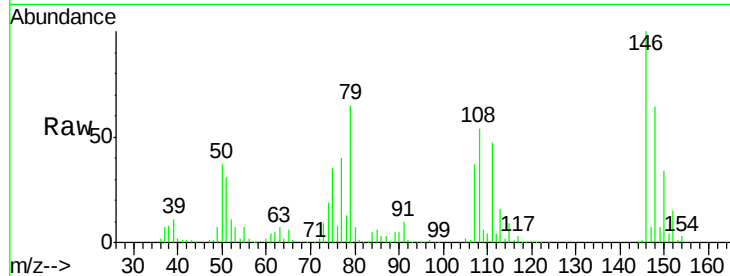
Tgt Ion: 79 Resp: 164243

Ion Ratio Lower Upper

79 100

108 83.8 63.4 95.0

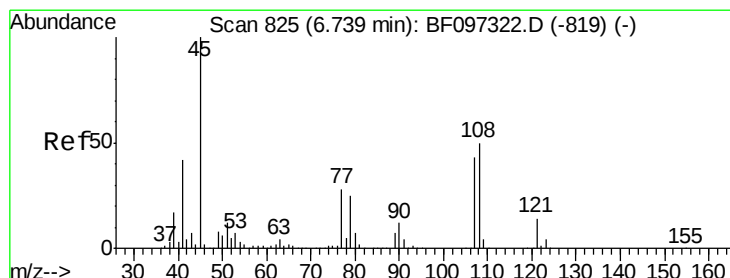
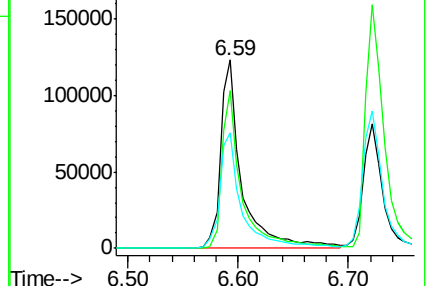
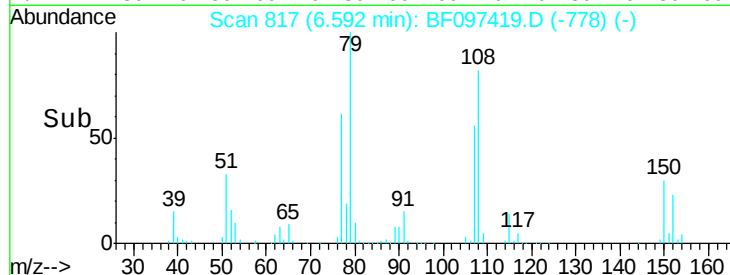
77 61.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.37 ng

RT: 6.72 min Scan# 838

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

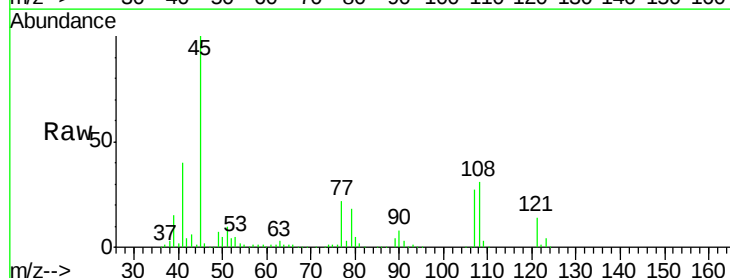
Tgt Ion: 45 Resp: 437712

Ion Ratio Lower Upper

45 100

77 21.9 0.0 33.2

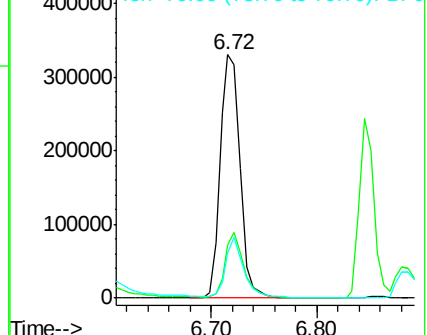
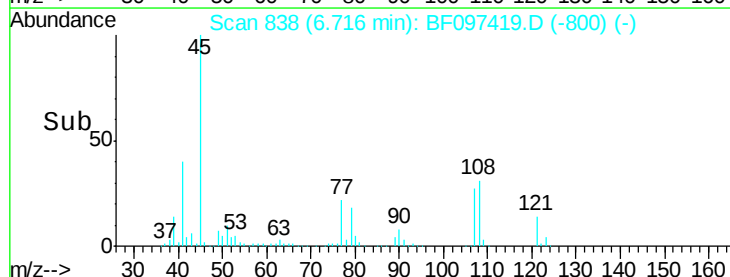
79 18.5 0.0 30.0

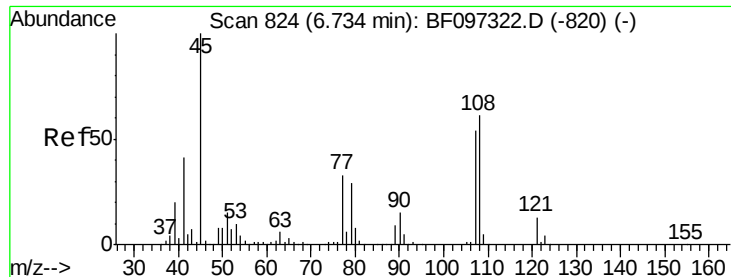


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

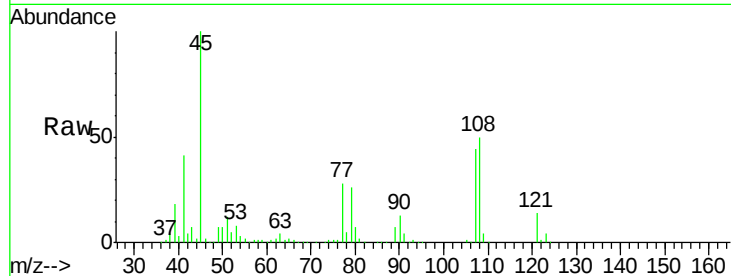




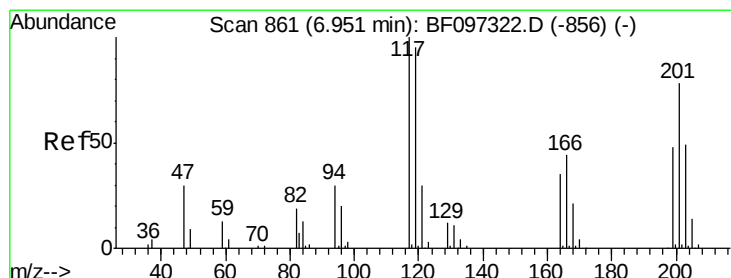
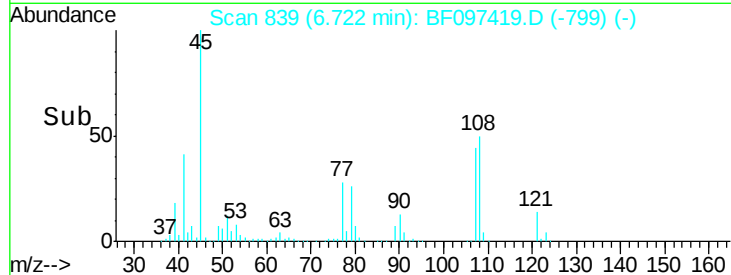
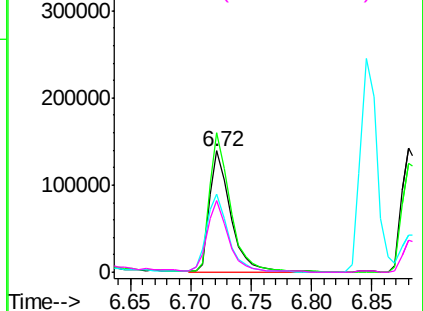
#17
2-Methylphenol
Concen: 30.28 ng
RT: 6.72 min Scan# 839
Delta R.T. -0.06 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	64.6	35.8	53.6#
79	58.6	34.8	52.2#

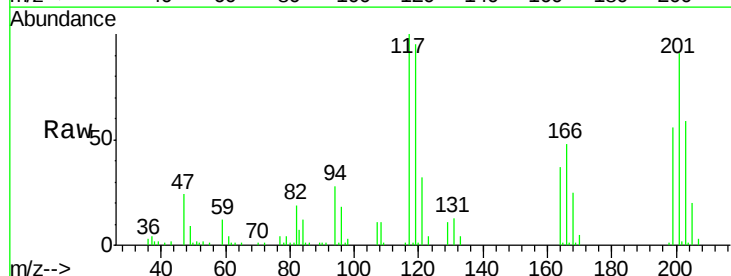


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

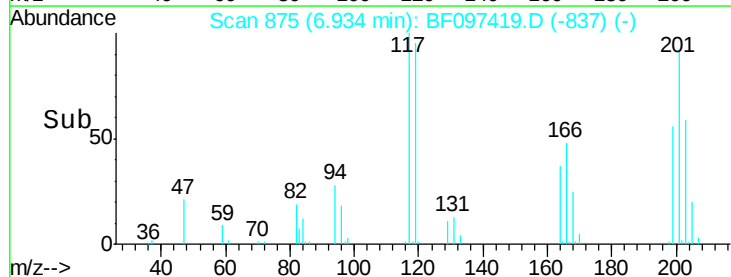
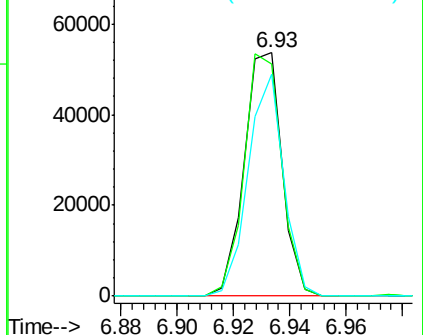


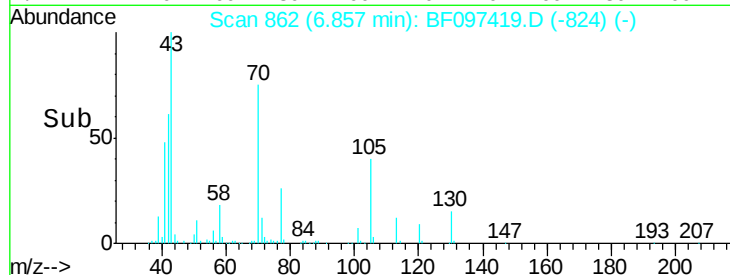
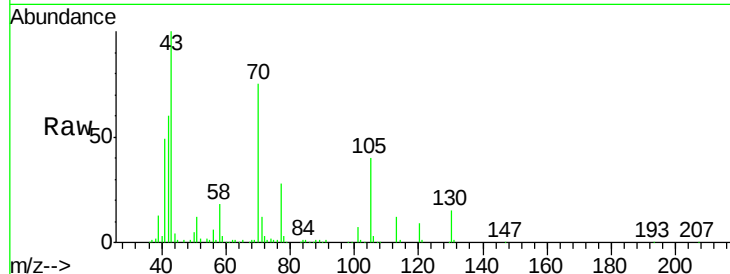
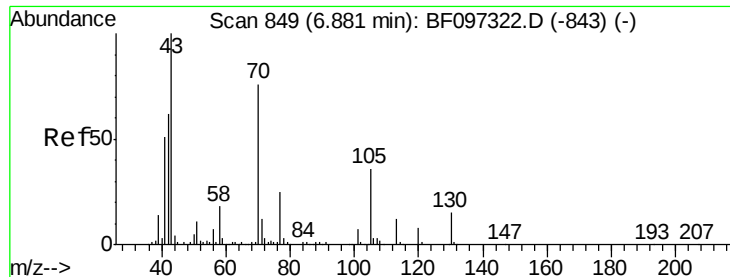
#18
Hexachloroethane
Concen: 17.73 ng
RT: 6.93 min Scan# 875
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.4	116.0
201	91.2	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

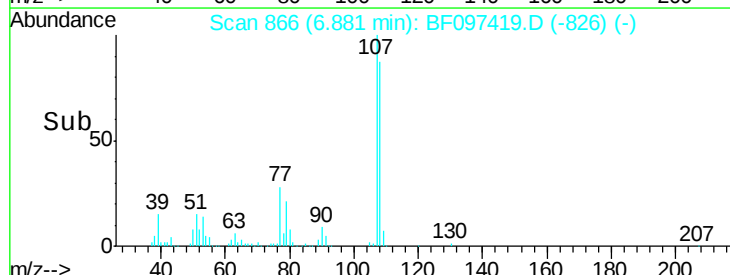
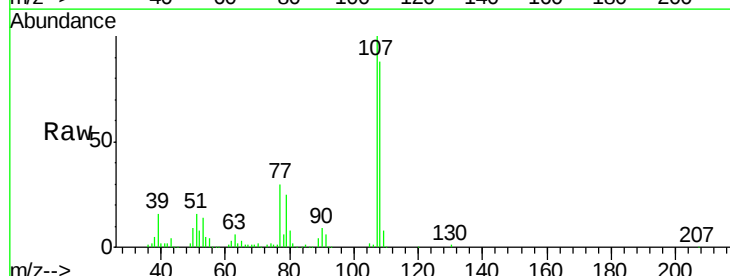
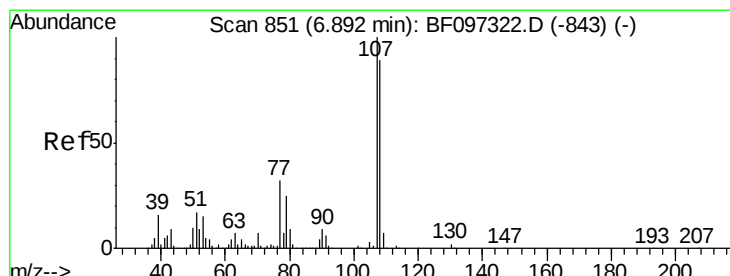
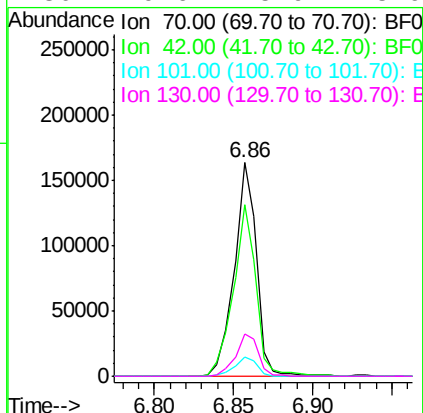




#19
n-Nitroso-di-n-propylamine
Concen: 31.48 ng
RT: 6.86 min Scan# 862
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

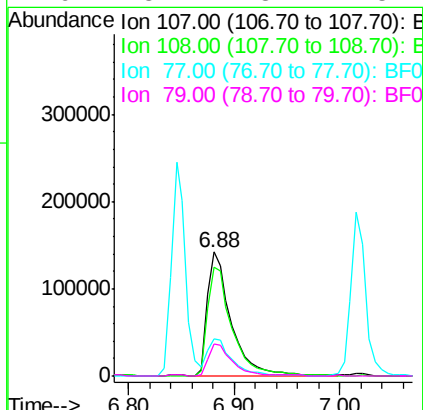
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

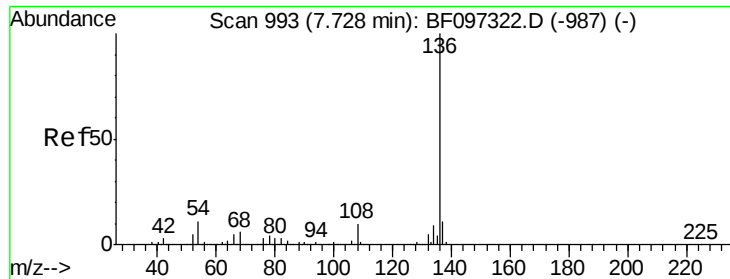
Tgt Ion: 70 Resp: 158711
Ion Ratio Lower Upper
70 100
42 80.5 47.2 70.8#
101 8.8 7.2 10.8
130 19.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 30.60 ng
RT: 6.88 min Scan# 866
Delta R.T. -0.06 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion: 107 Resp: 221335
Ion Ratio Lower Upper
107 100
108 88.1 71.0 111.0
77 30.3 90.5 130.5#
79 25.4 8.4 48.4

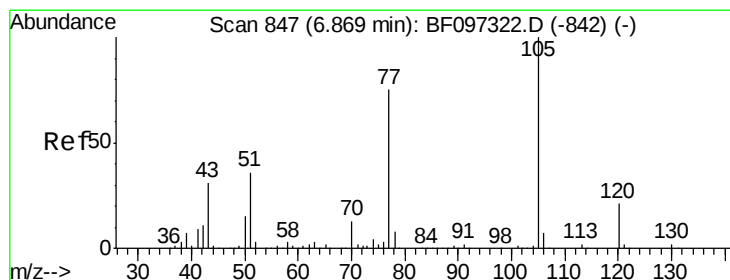
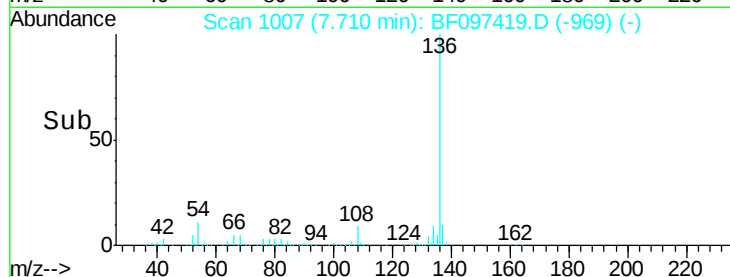
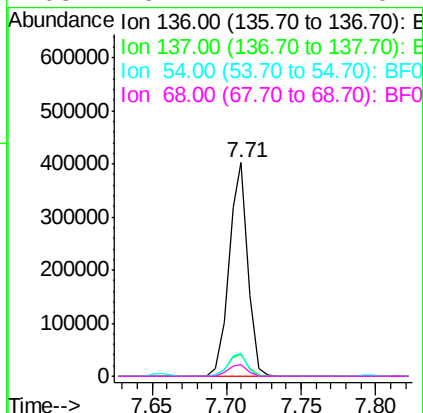
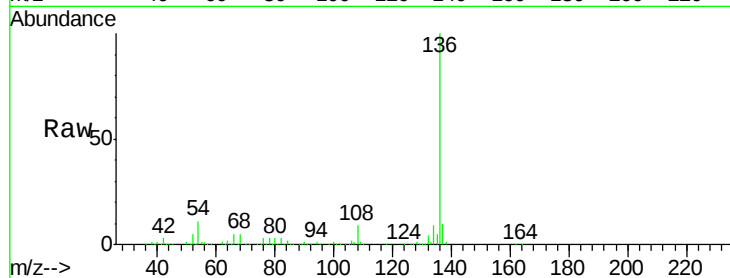




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.71 min Scan# 1007
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

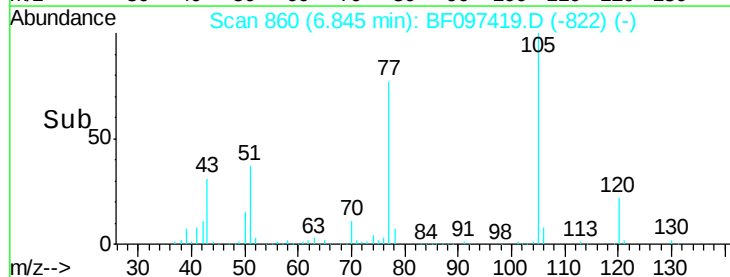
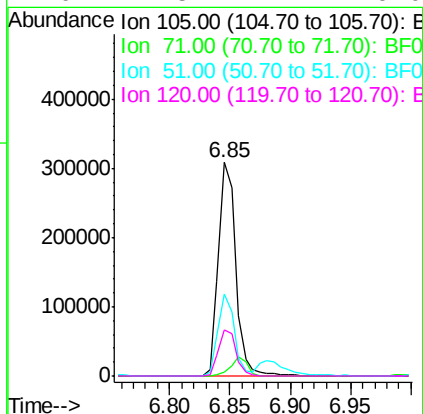
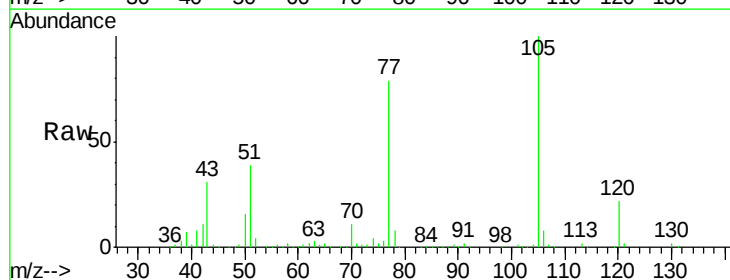
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

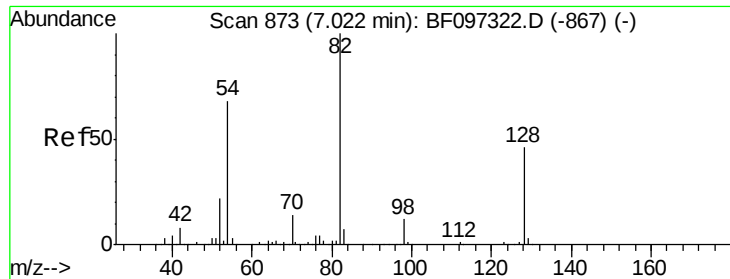
Tgt Ion:	136	Resp:	355878
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	10.7	4.9	7.3#
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 35.72 ng
RT: 6.85 min Scan# 860
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion:	105	Resp:	305290
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.8	4.2#
51	38.6	30.7	46.1
120	21.5	17.4	26.0

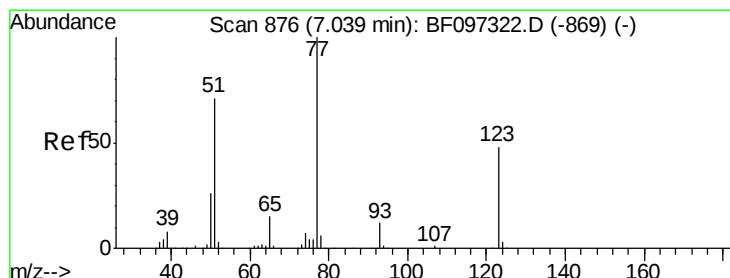
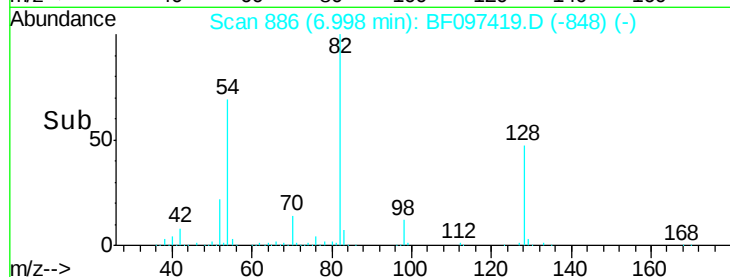
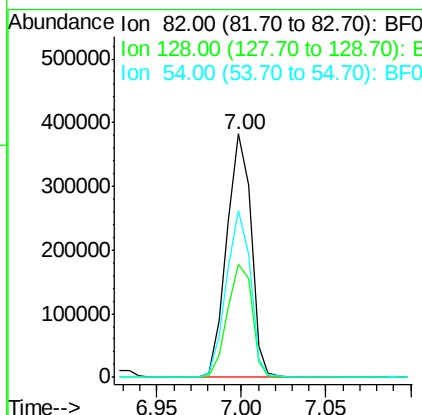
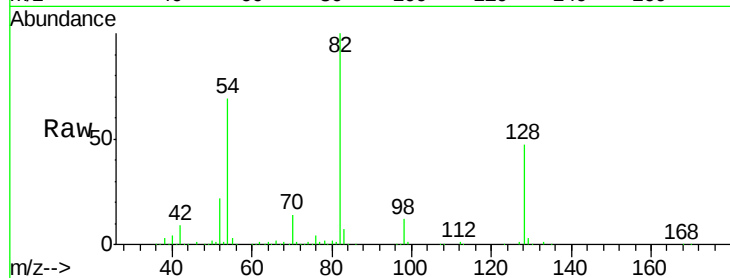




#23
 Nitrobenzene-d5
 Concen: 63.30 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

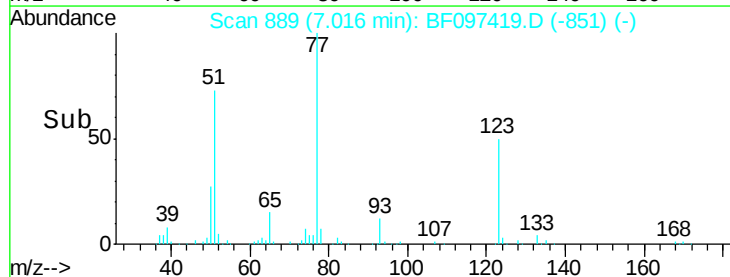
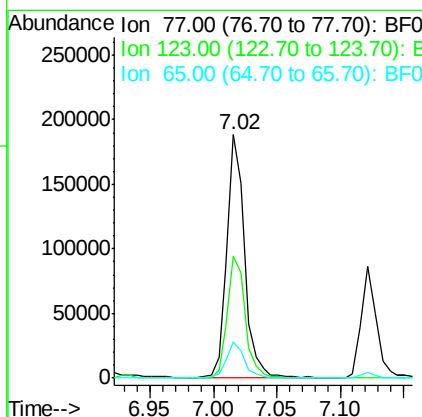
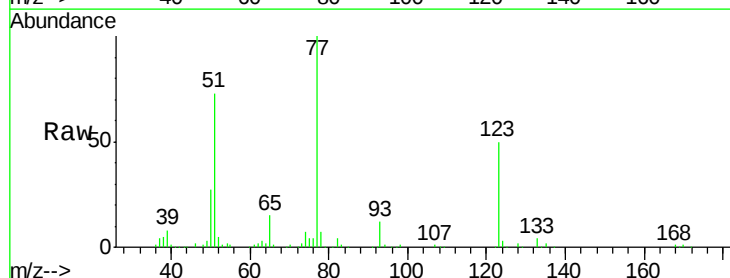
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

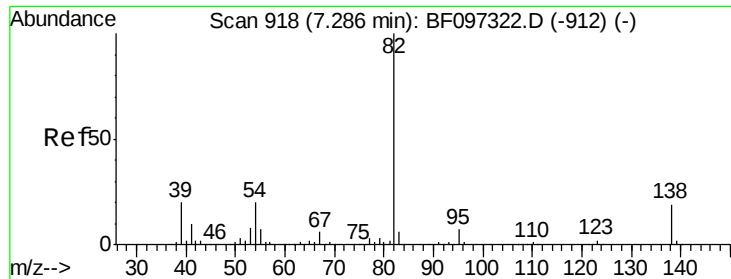
Tgt Ion: 82 Resp: 384000
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 68.7 42.2 63.2#



#24
 Nitrobenzene
 Concen: 28.92 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion: 77 Resp: 182736
 Ion Ratio Lower Upper
 77 100
 123 50.0 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 31.50 ng

RT: 7.26 min Scan# 930

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

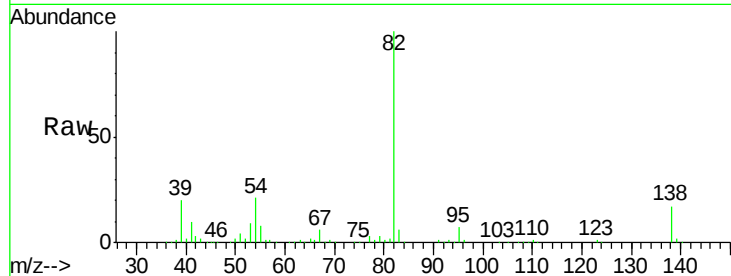
Tgt Ion: 82 Resp: 374213

Ion Ratio Lower Upper

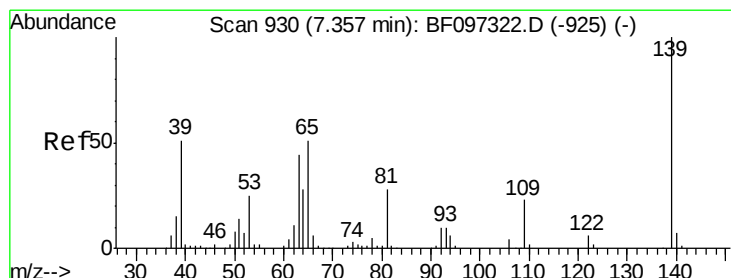
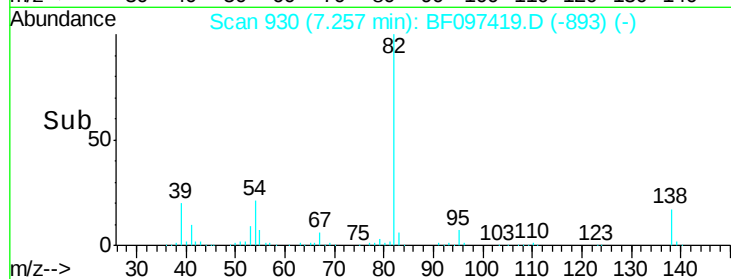
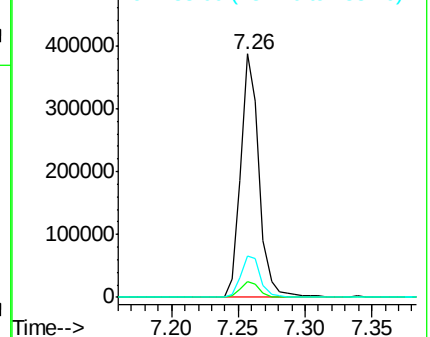
82 100

95 6.7 5.3 7.9

138 17.2 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: 10.09 ng

RT: 7.34 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

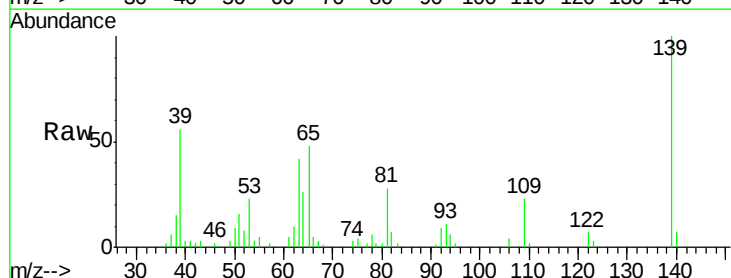
Tgt Ion: 139 Resp: 34479

Ion Ratio Lower Upper

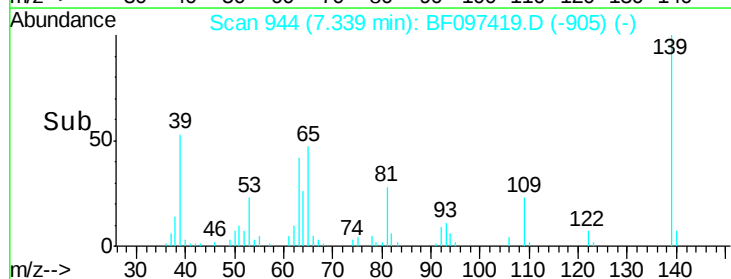
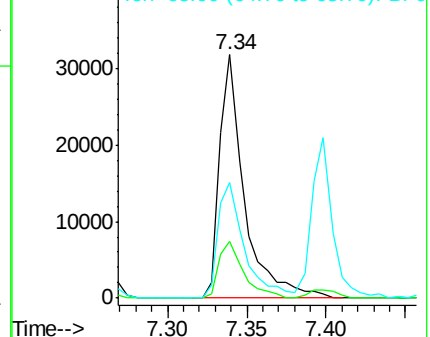
139 100

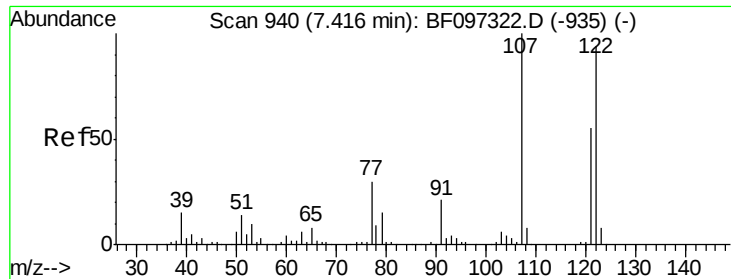
109 23.3 21.0 31.6

65 47.7 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

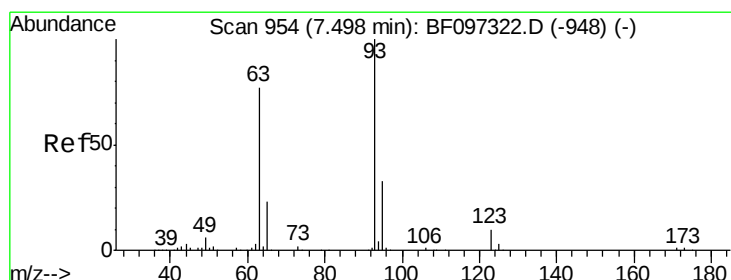
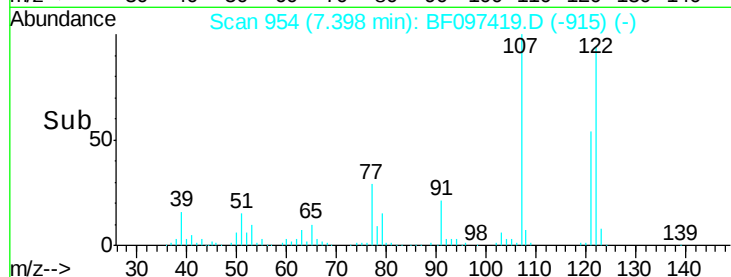
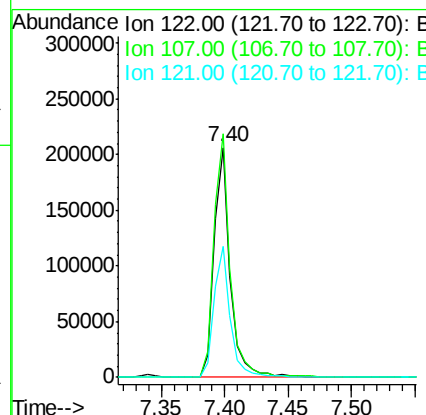
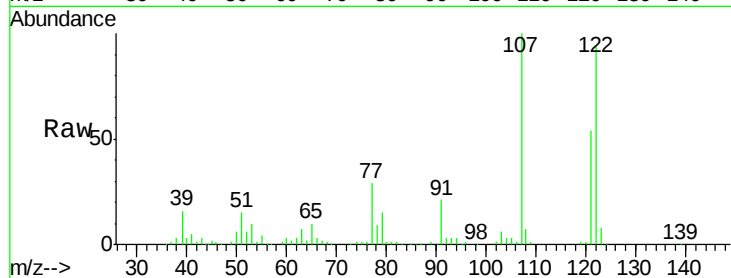




#27
 2,4-Dimethylphenol
 Concen: 32.89 ng
 RT: 7.40 min Scan# 954
 Delta R.T. -0.07 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

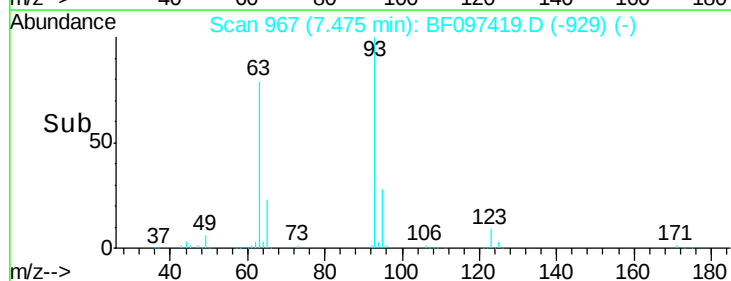
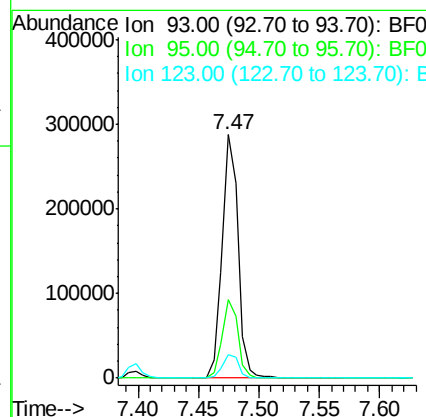
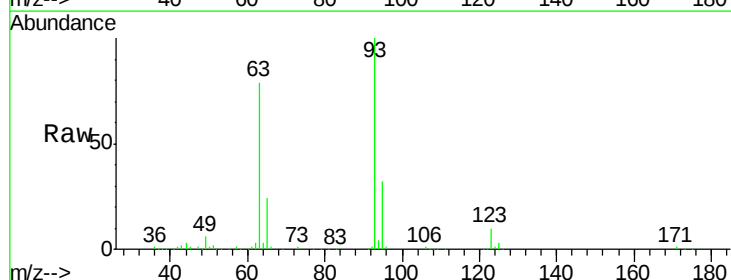
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

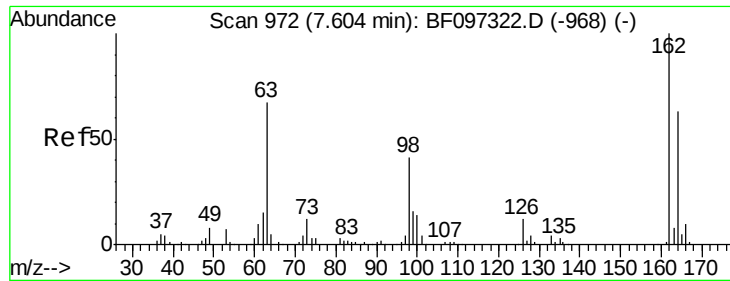
Tgt Ion: 122 Resp: 185475
 Ion Ratio Lower Upper
 122 100
 107 105.9 89.2 133.8
 121 57.2 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.42 ng
 RT: 7.47 min Scan# 967
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion: 93 Resp: 259072
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 9.7 9.0 13.4

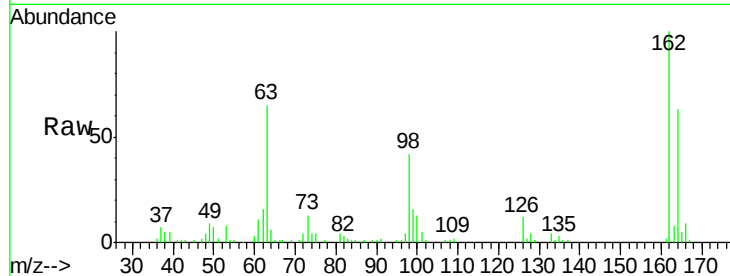




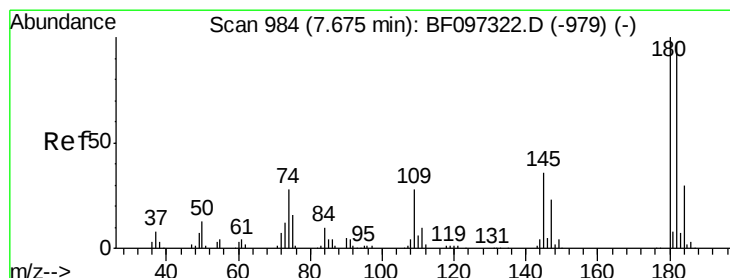
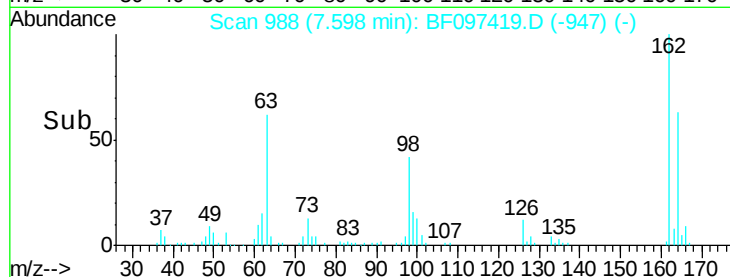
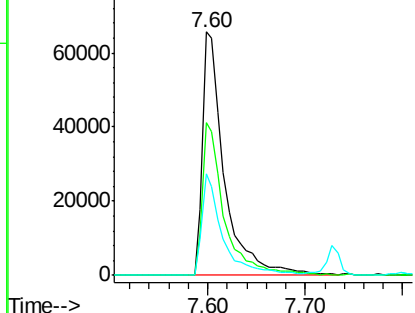
#29
 2,4-Dichlorophenol
 Concen: 21.00 ng
 RT: 7.60 min Scan# 988
 Delta R.T. -0.06 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.6	44.6	84.6
98	41.6	14.8	54.8

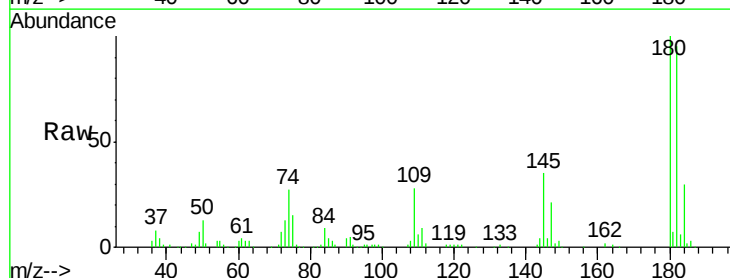


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

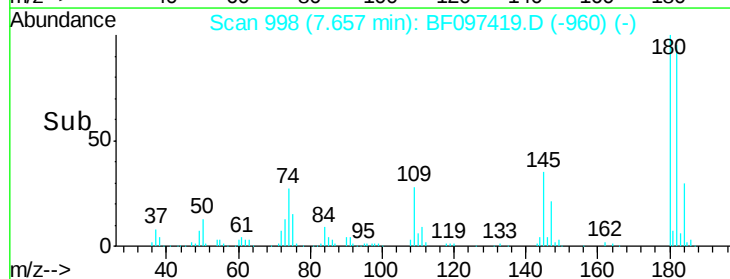
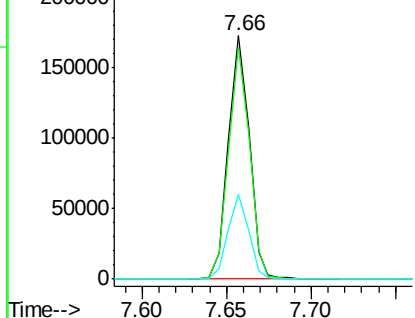


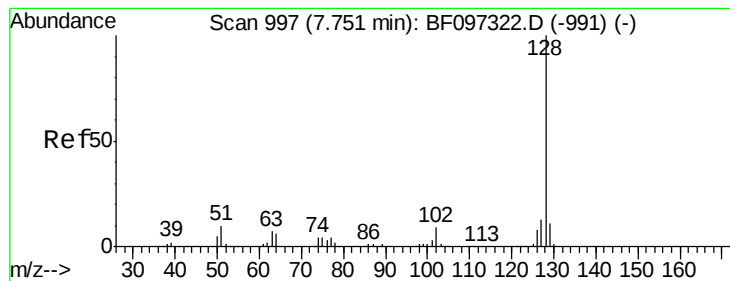
#30
 1,2,4-Trichlorobenzene
 Concen: 32.29 ng
 RT: 7.66 min Scan# 998
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	34.9	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: 33.01 ng

RT: 7.73 min Scan# 1010

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

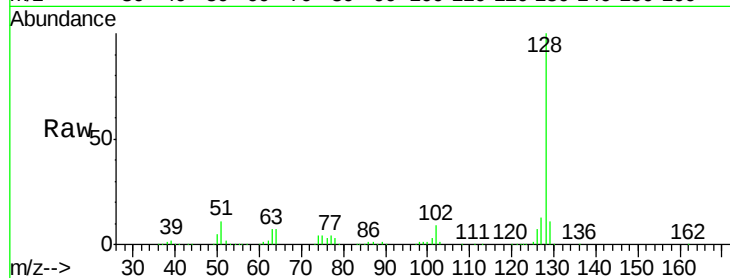
Tgt Ion:128 Resp: 553798

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

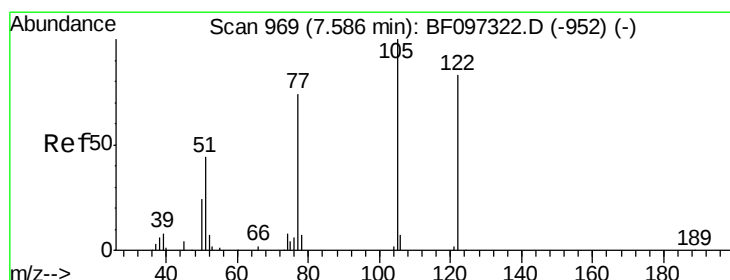
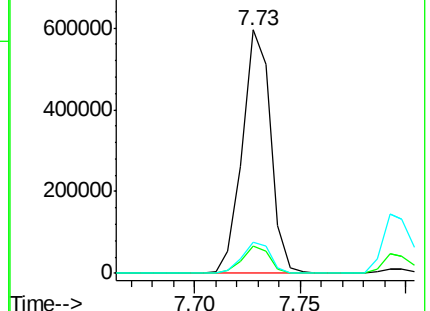
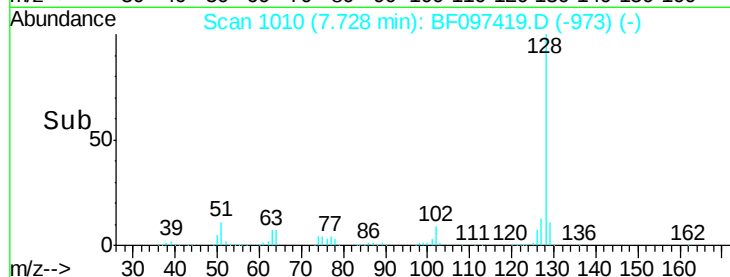
127 13.0 10.8 16.2



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: 44.05 ng

RT: 7.40 min Scan# 954

Delta R.T. -0.24 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

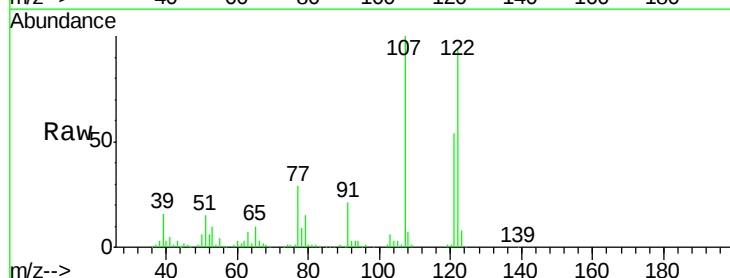
Tgt Ion:122 Resp: 185475

Ion Ratio Lower Upper

122 100

105 3.4 103.3 143.3#

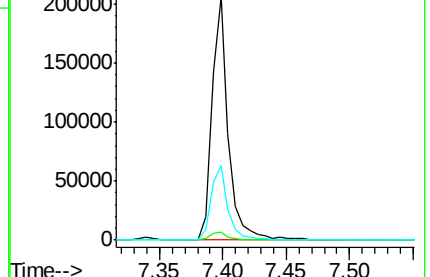
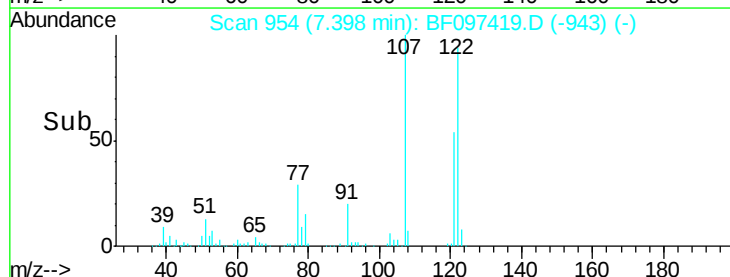
77 30.7 73.7 113.7#

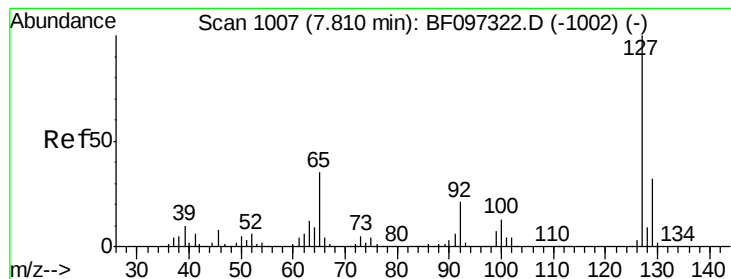


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 25.34 ng

RT: 7.79 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

Tgt Ion:127 Resp: 172961

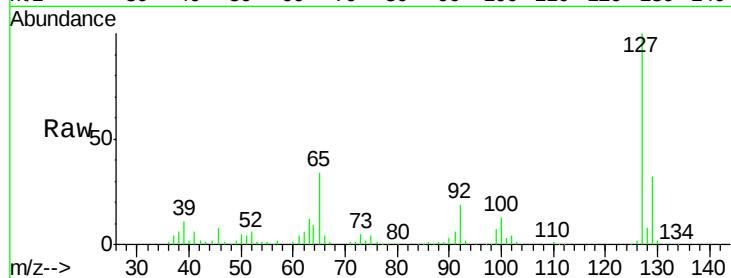
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.2

65 33.7 27.8 41.8

92 19.3 16.8 25.2

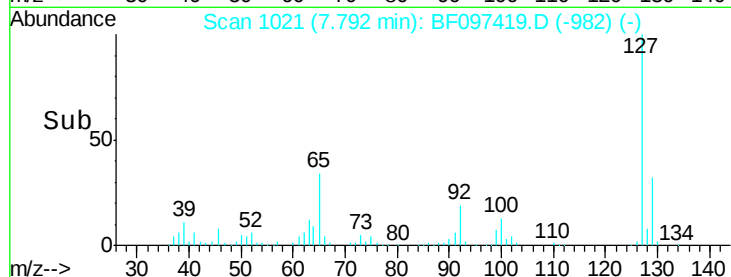


Abundance Ion 127.00 (126.70 to 127.70): E

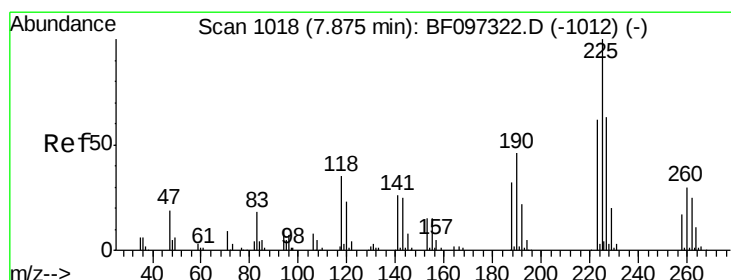
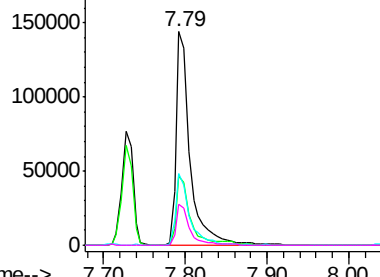
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 30.12 ng

RT: 7.85 min Scan# 1031

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

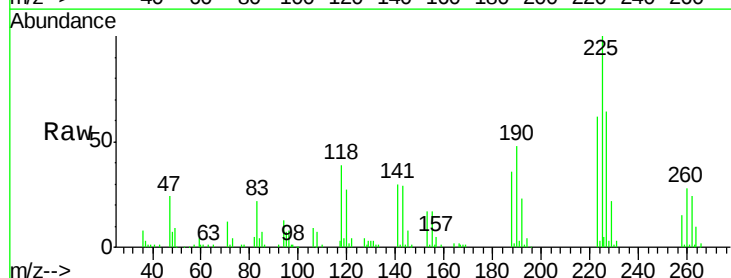
Tgt Ion:225 Resp: 73934

Ion Ratio Lower Upper

225 100

223 61.7 48.8 73.2

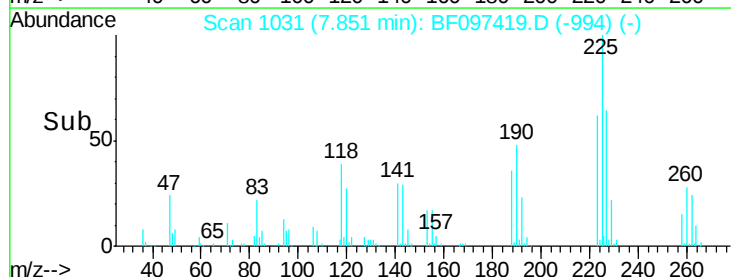
227 63.7 51.1 76.7



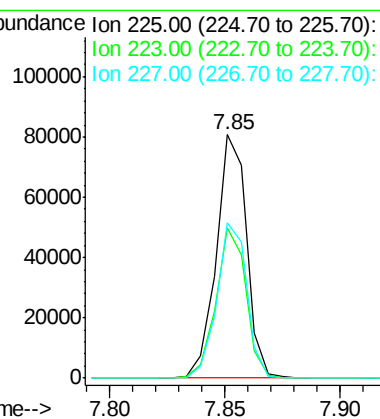
Abundance Ion 225.00 (224.70 to 225.70): E

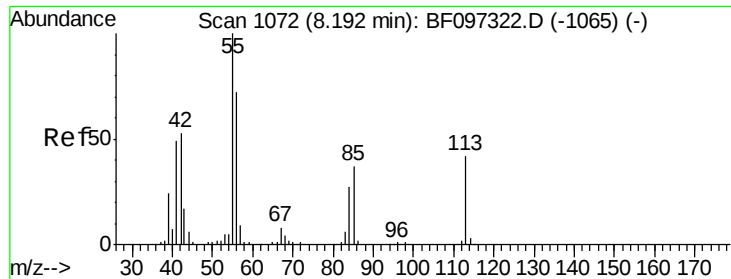
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->

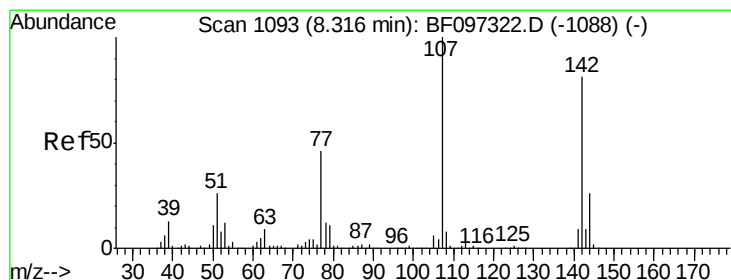
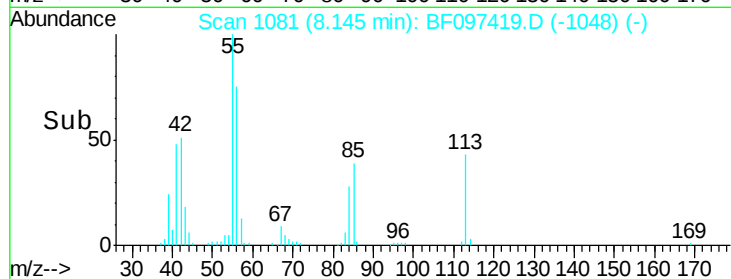
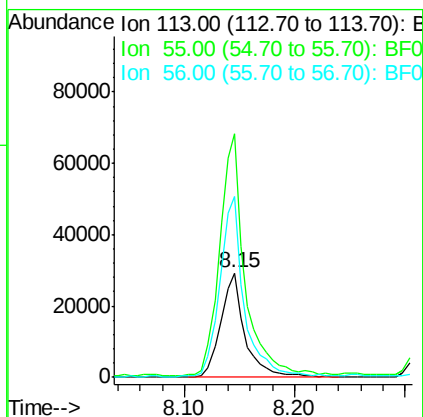
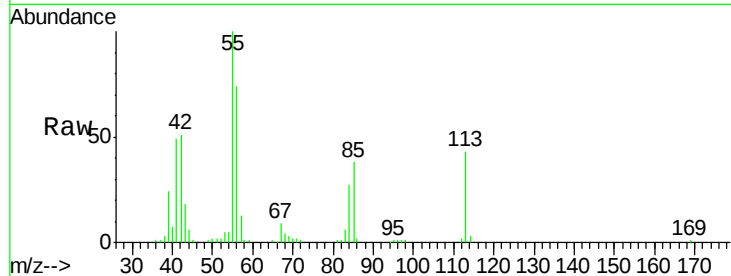




#35
 Caprolactam
 Concen: 28.48 ng
 RT: 8.15 min Scan# 1081
 Delta R.T. -0.11 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

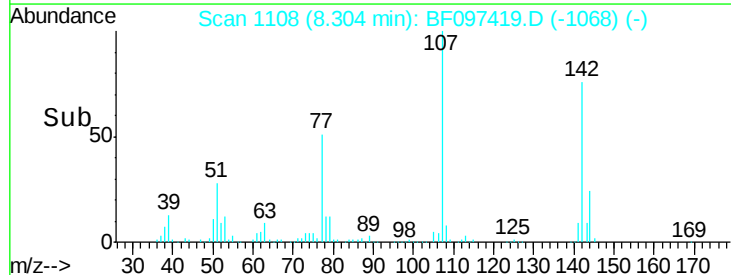
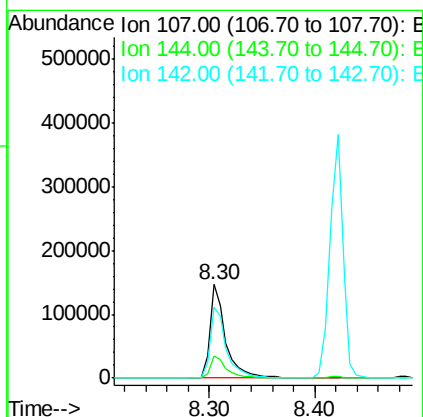
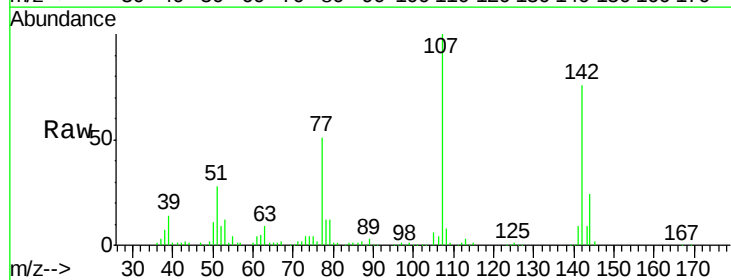
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

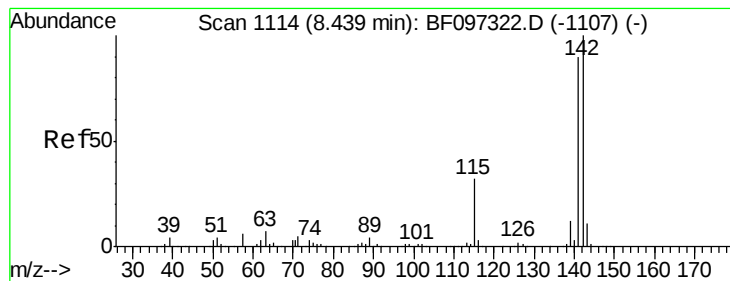
Tgt Ion:113 Resp: 44353
 Ion Ratio Lower Upper
 113 100
 55 233.5 150.2 190.2#
 56 173.4 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 28.64 ng
 RT: 8.30 min Scan# 1108
 Delta R.T. -0.06 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:107 Resp: 151780
 Ion Ratio Lower Upper
 107 100
 144 24.1 24.2 36.4#
 142 76.0 73.4 110.0

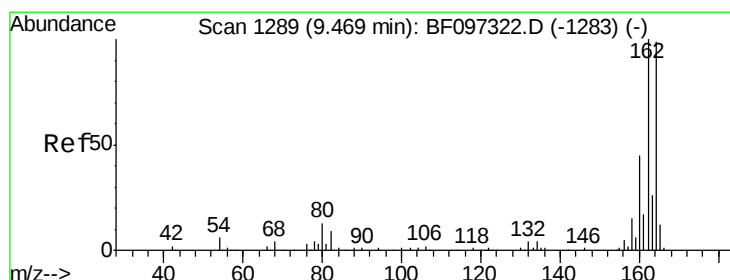
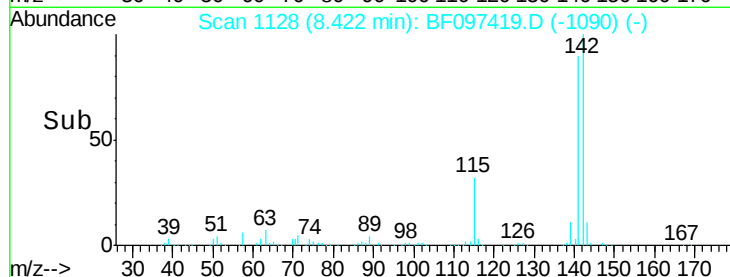
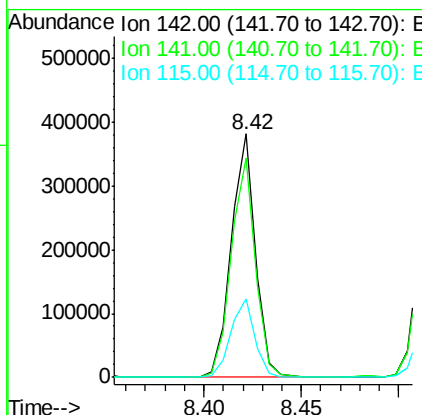
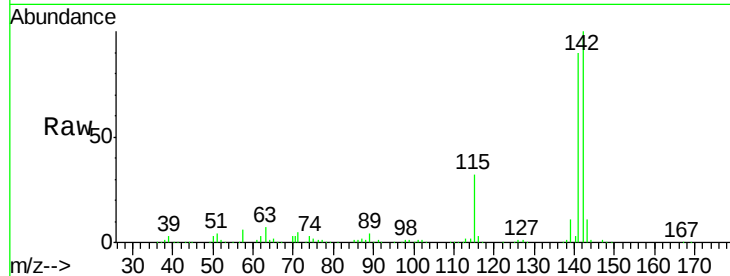




#37
 2-Methylnaphthalene
 Concen: 30.71 ng
 RT: 8.42 min Scan# 1128
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

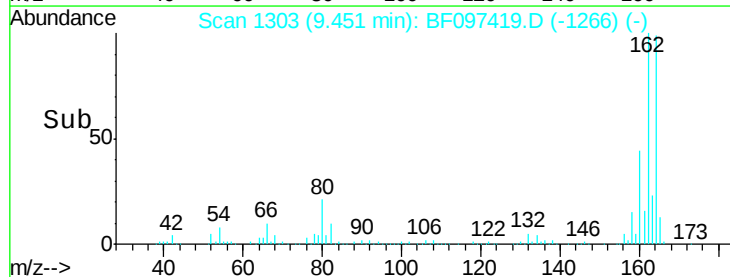
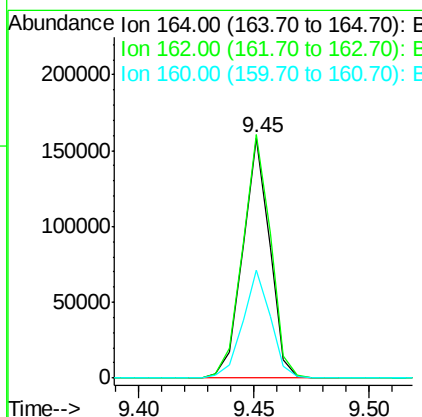
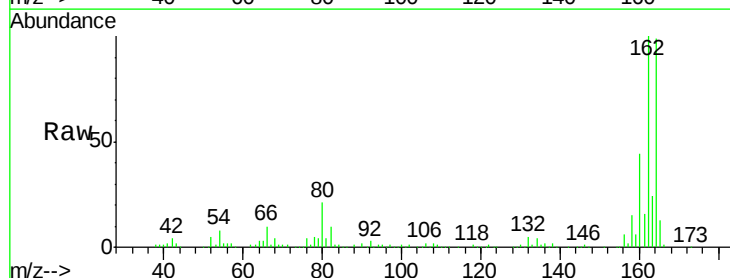
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

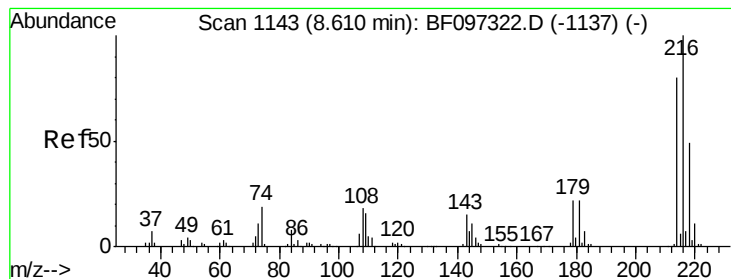
Tgt Ion:142 Resp: 326172
 Ion Ratio Lower Upper
 142 100
 141 90.0 71.3 106.9
 115 32.1 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:164 Resp: 129842
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 45.0 36.2 54.2

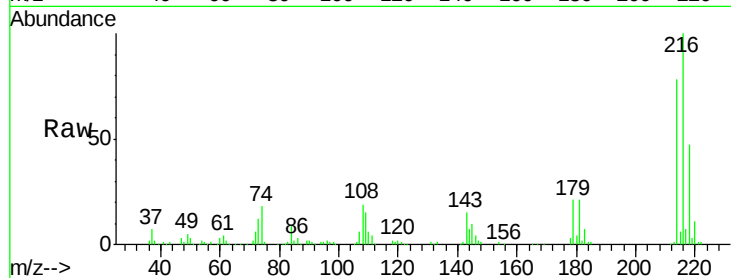




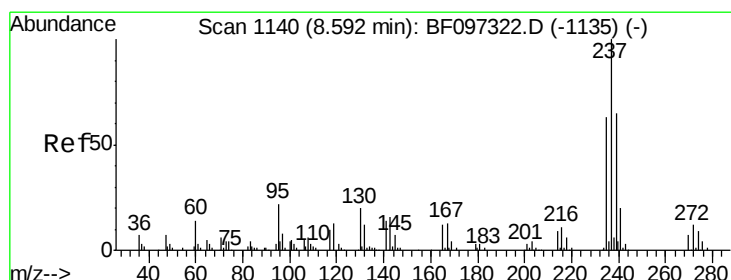
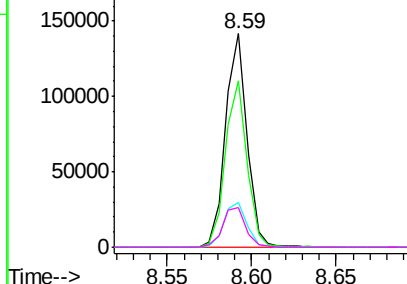
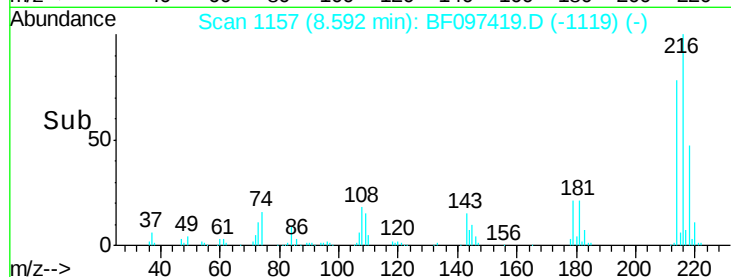
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.04 ng
 RT: 8.59 min Scan# 1157
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

Tgt Ion:	216	Resp:	124862
Ion Ratio	Lower	Upper	
216	100		
214	78.3	63.4	95.2
179	22.4	17.9	26.9
108	20.2	16.5	24.7

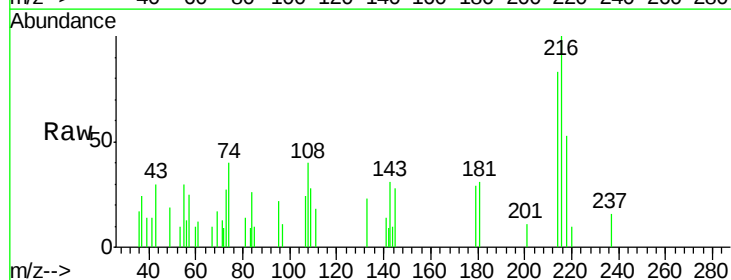


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

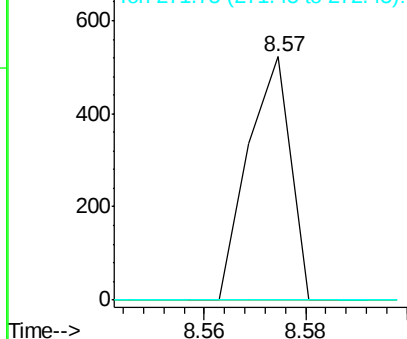
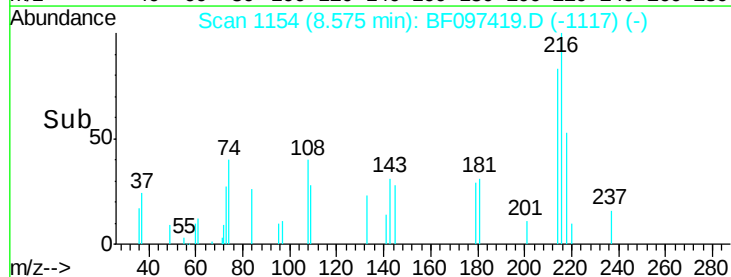


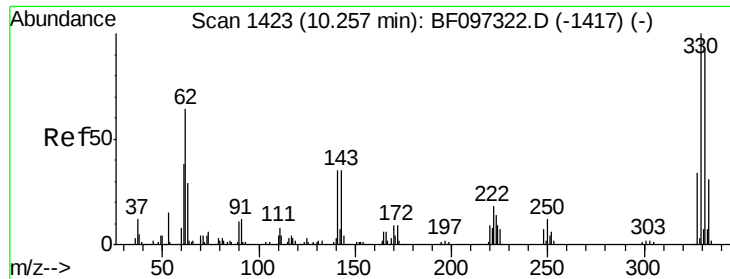
#40
 Hexachlorocyclopentadiene
 Concen: 6.82 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:	237	Resp:	304
Ion Ratio	Lower	Upper	
237	100		
235	0.0	42.6	82.6#
272	0.0	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

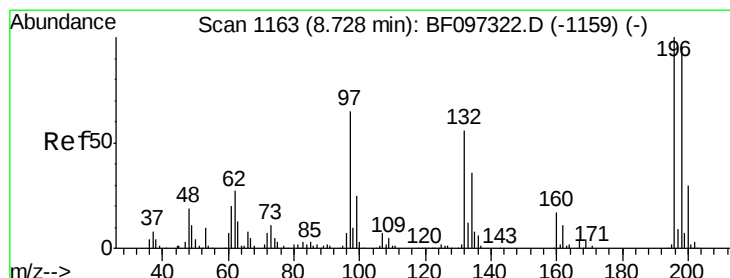
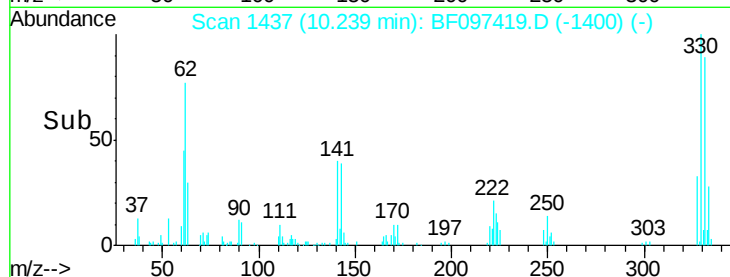
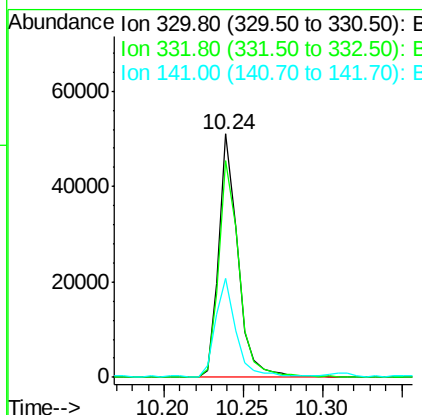
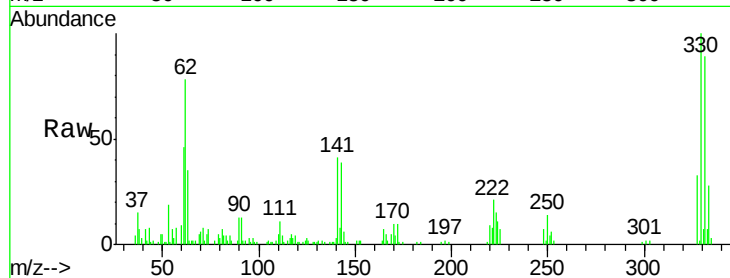




#41
 2,4,6-Tribromophenol
 Concen: 41.89 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

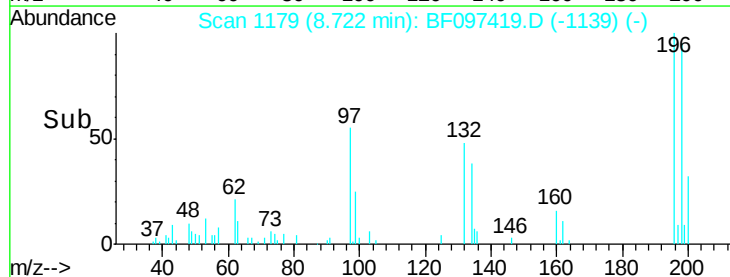
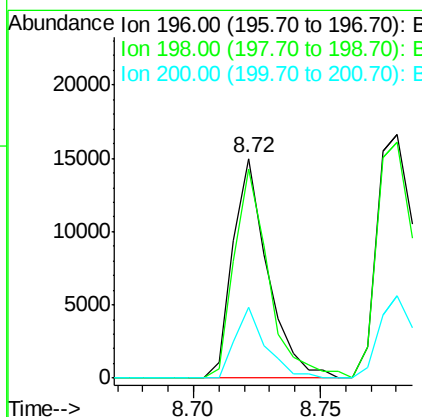
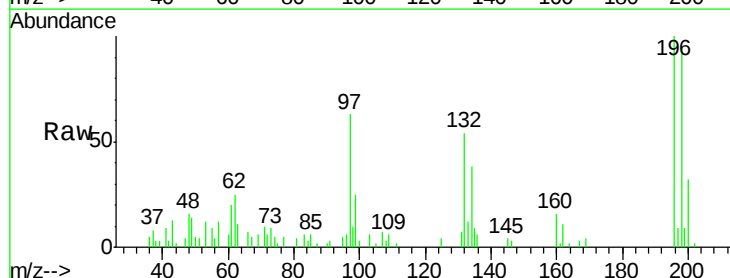
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

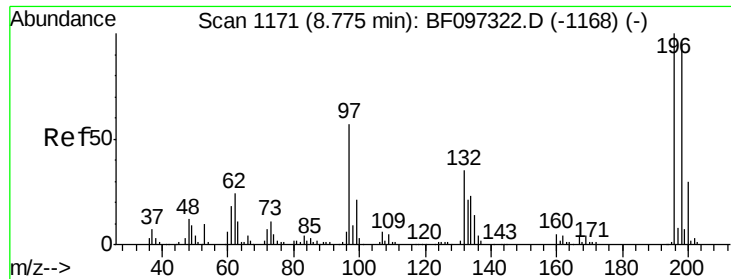
Tgt Ion:330 Resp: 42977
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 115.0
 141 43.5 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 5.73 ng
 RT: 8.72 min Scan# 1179
 Delta R.T. -0.06 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:196 Resp: 14383
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 32.2 24.0 36.0

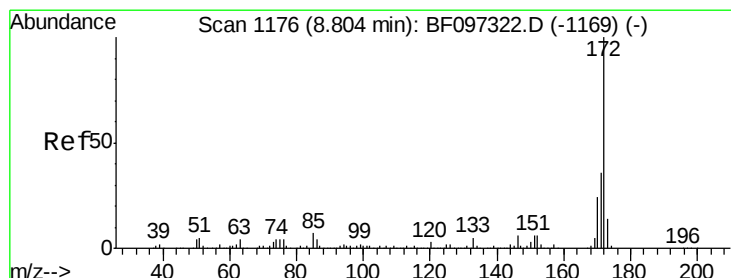
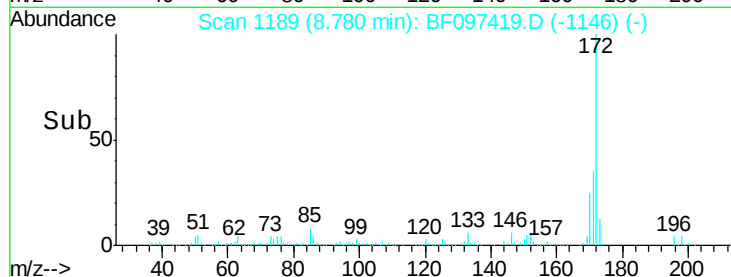
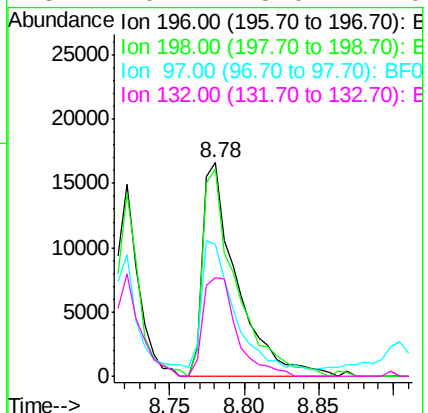
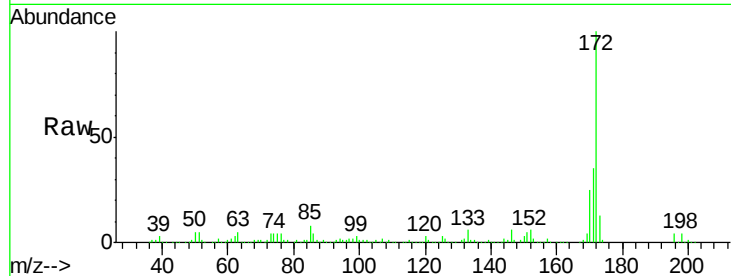




#43
 2,4,5-Trichlorophenol
 Concen: 10.44 ng
 RT: 8.78 min Scan# 1189
 Delta R.T. -0.05 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

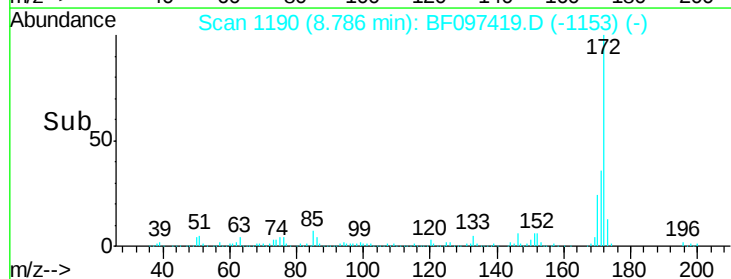
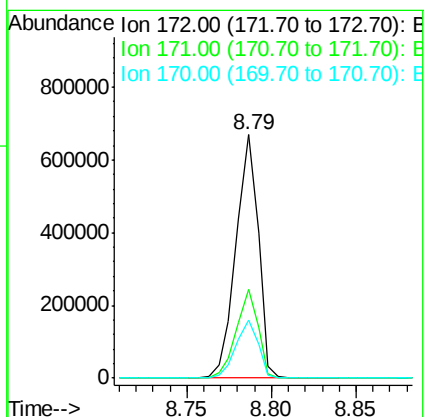
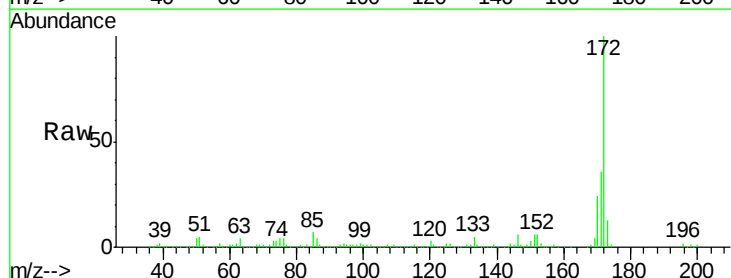
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

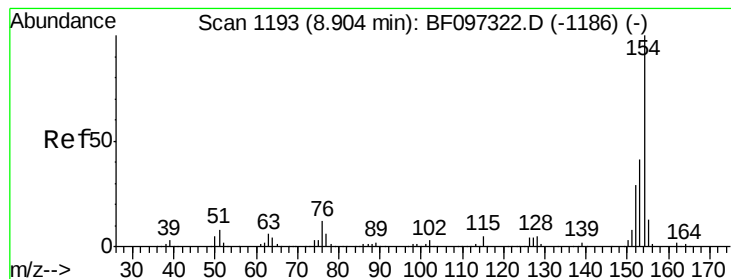
Tgt Ion:	196	Resp:	26237
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.7	113.5
97	61.5	47.7	71.5
132	46.1	28.0	42.0#



#44
 2-Fluorobiphenyl
 Concen: 80.14 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:	172	Resp:	613148
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	23.9	19.8	29.8





#45

1,1'-Biphenyl

Concen: 34.51 ng

RT: 8.89 min Scan# 1207

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

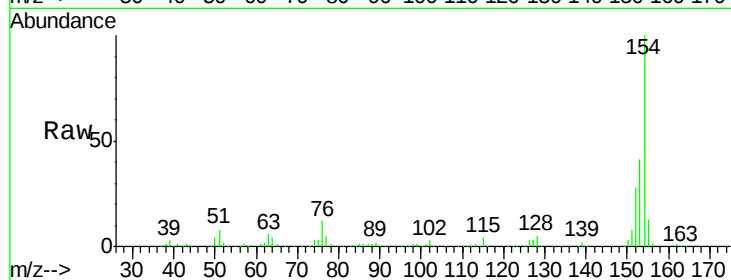
Tgt Ion:154 Resp: 382672

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

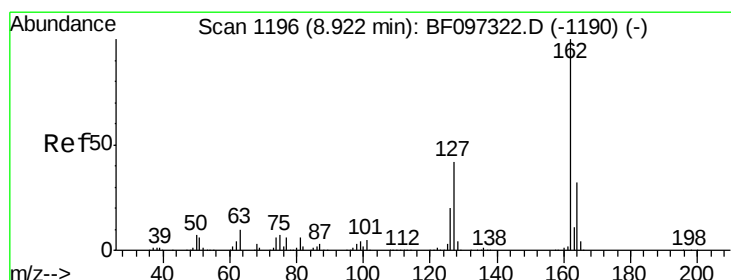
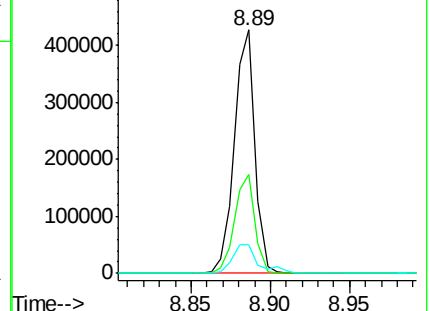
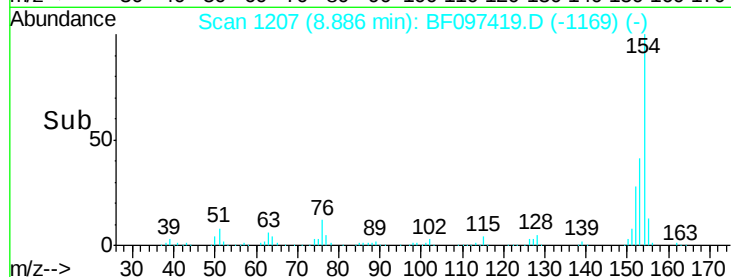
76 12.0 0.0 29.9



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): BFO



#46

2-Chloronaphthalene

Concen: 34.69 ng

RT: 8.90 min Scan# 1210

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

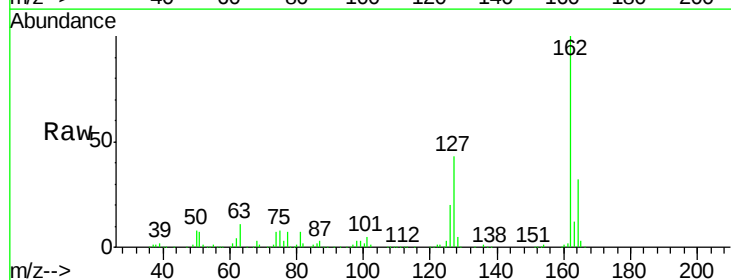
Tgt Ion:162 Resp: 283095

Ion Ratio Lower Upper

162 100

127 43.1 28.3 42.5#

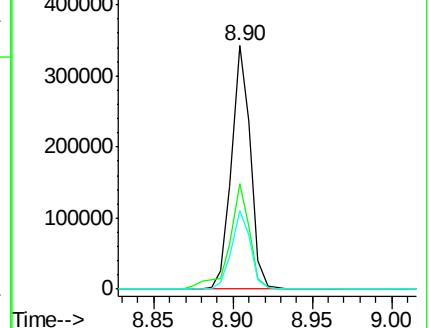
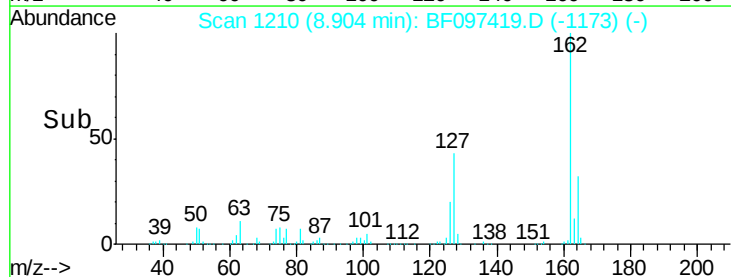
164 32.2 27.0 40.4

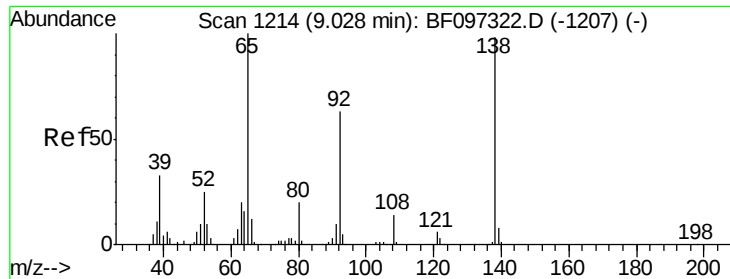


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

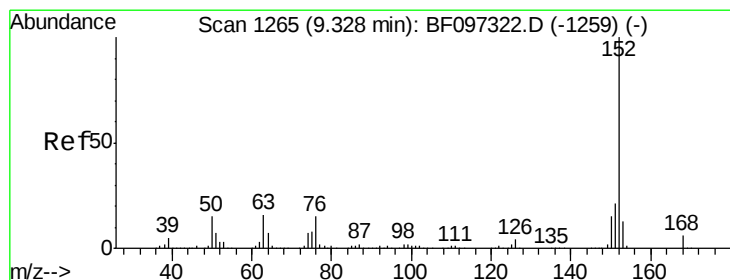
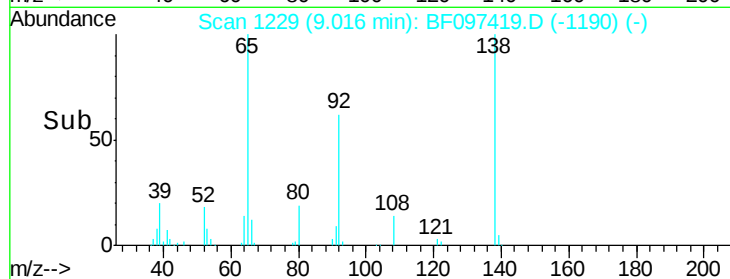
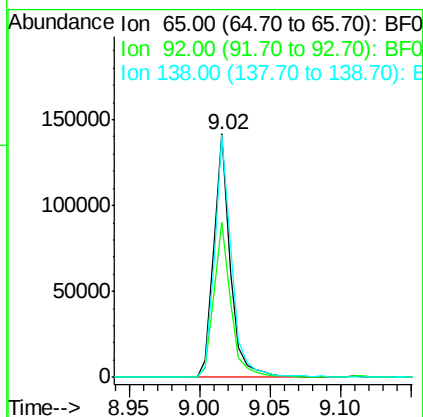
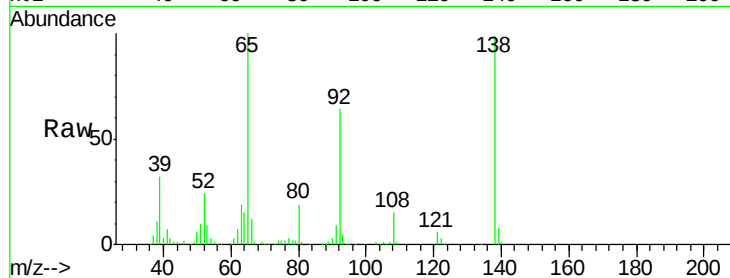




#47
2-Nitroaniline
Concen: 39.29 ng
RT: 9.02 min Scan# 1229
Delta R.T. -0.07 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

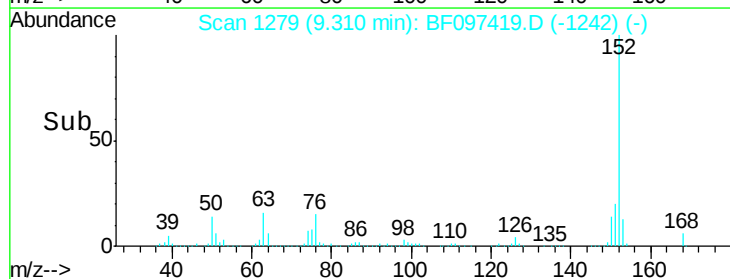
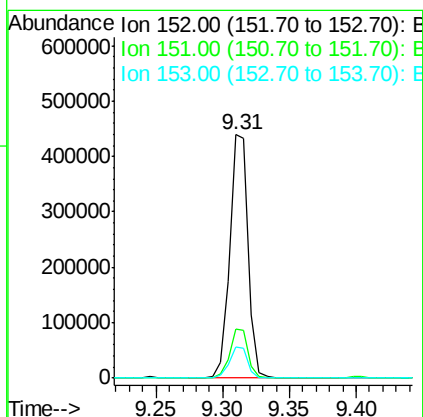
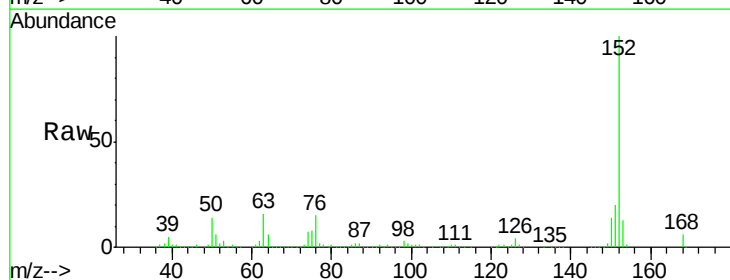
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

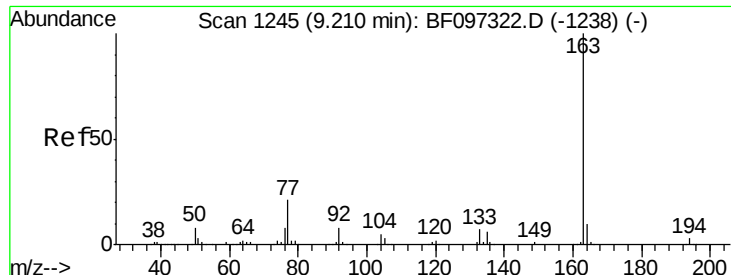
Tgt Ion: 65 Resp: 116367
Ion Ratio Lower Upper
65 100
92 63.6 53.9 80.9
138 99.3 78.8 118.2



#48
Acenaphthylene
Concen: 34.10 ng
RT: 9.31 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion: 152 Resp: 427218
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.0 10.8 16.2

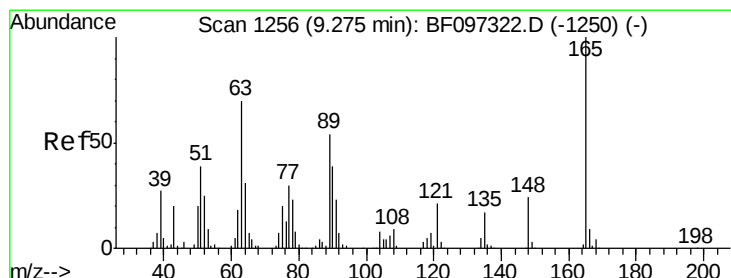
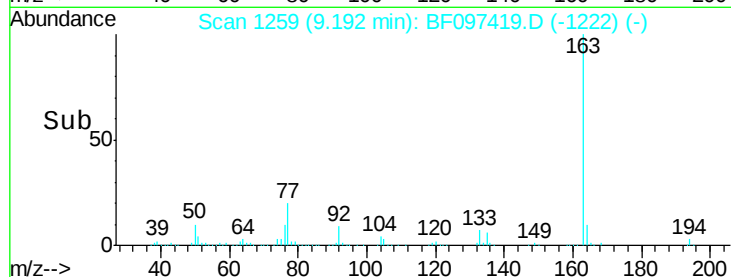
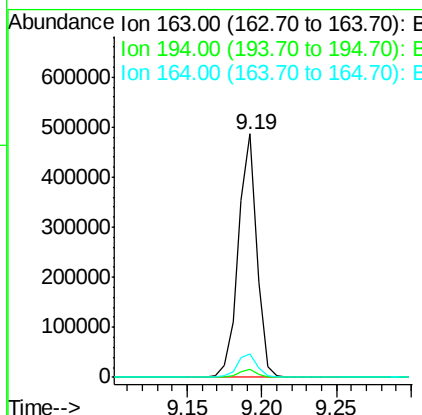
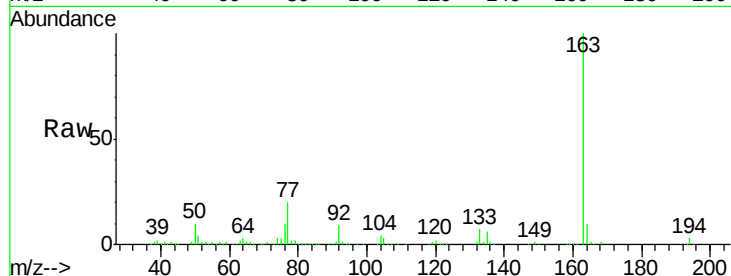




#49
Dimethylphthalate
Concen: 42.89 ng
RT: 9.19 min Scan# 1259
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

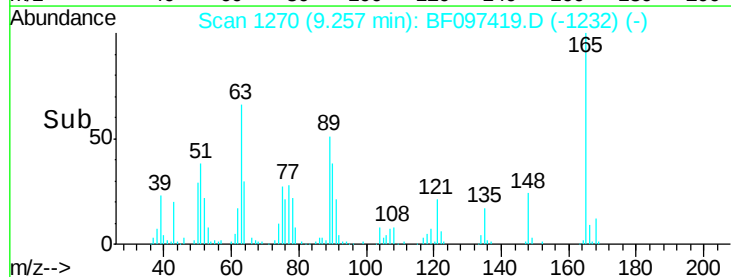
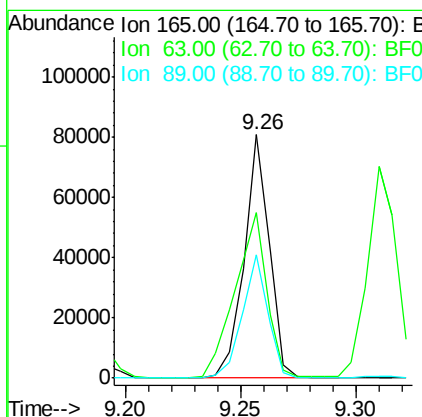
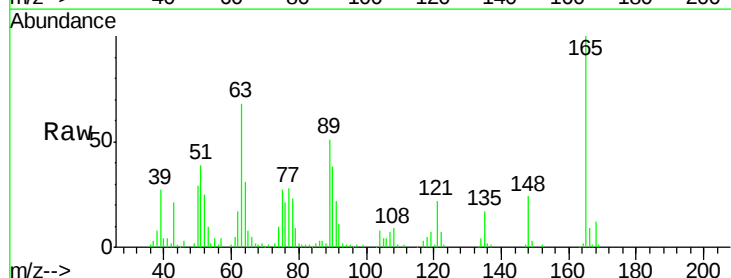
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

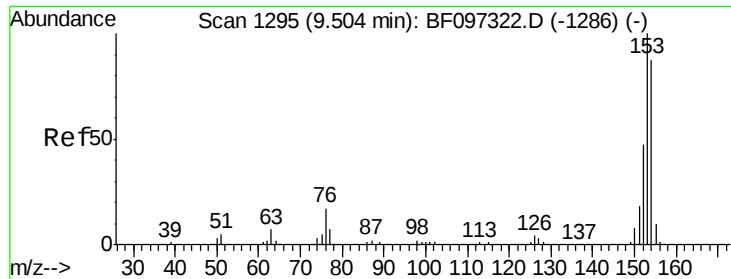
Tgt Ion:163 Resp: 422894
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 29.46 ng
RT: 9.26 min Scan# 1270
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion:165 Resp: 61610
Ion Ratio Lower Upper
165 100
63 67.8 34.3 51.5#
89 50.8 37.1 55.7





#51

Acenaphthene

Concen: 32.72 ng

RT: 9.49 min Scan# 1309

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

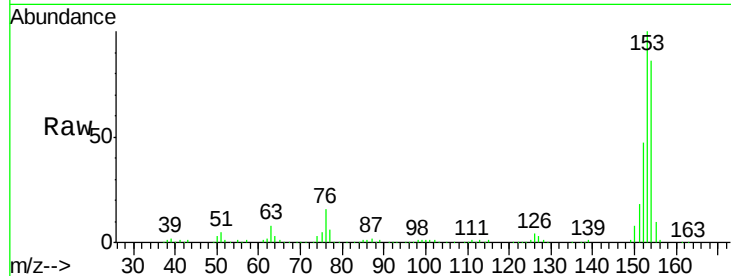
Tgt Ion:154 Resp: 241429

Ion Ratio Lower Upper

154 100

153 116.1 90.5 135.7

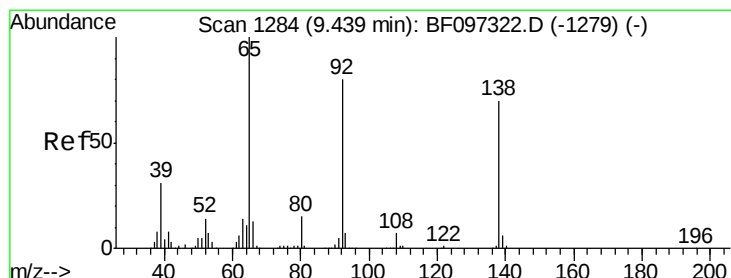
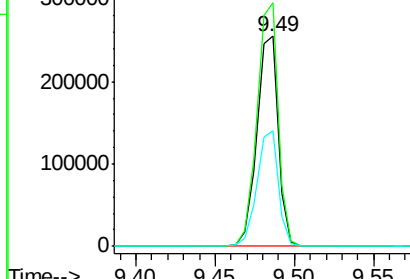
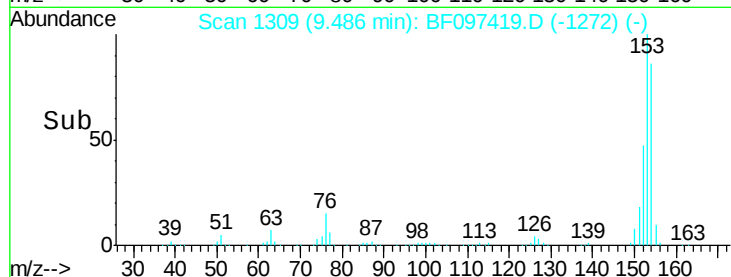
152 54.9 43.6 65.4



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: 36.33 ng

RT: 9.43 min Scan# 1299

Delta R.T. -0.07 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

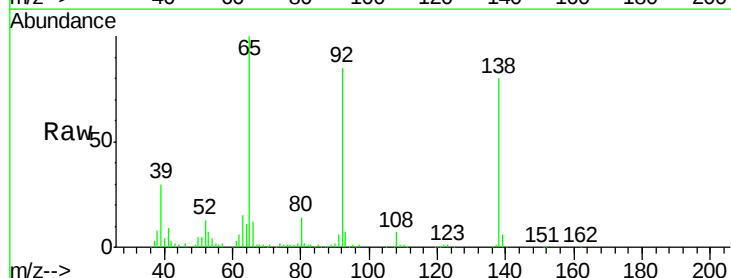
Tgt Ion:138 Resp: 94303

Ion Ratio Lower Upper

138 100

108 9.1 9.1 13.7#

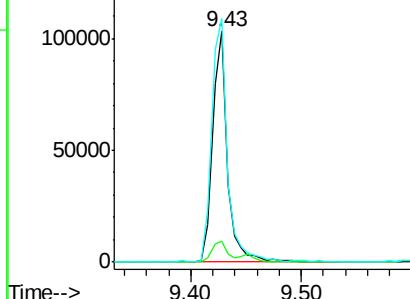
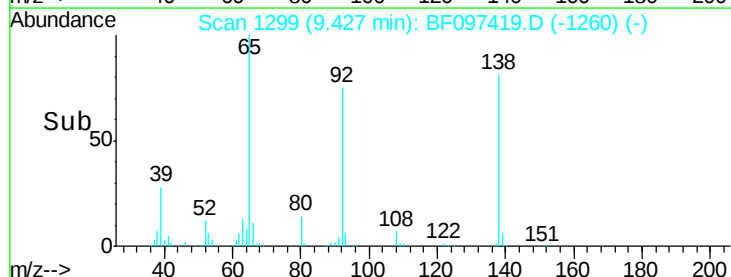
92 105.6 93.8 140.6

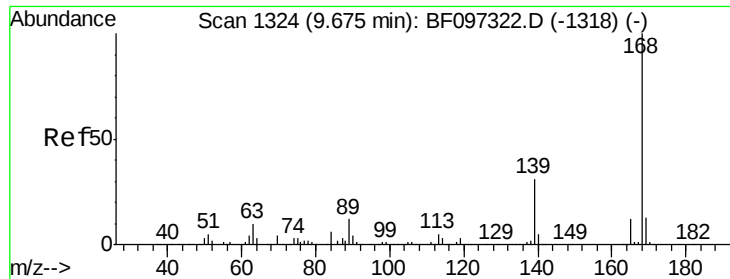


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 36.31 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

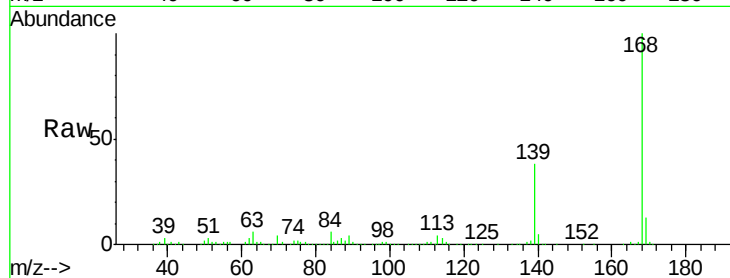
Tgt Ion:168 Resp: 356833

Ion Ratio Lower Upper

168 100

139 37.8 30.6 45.8

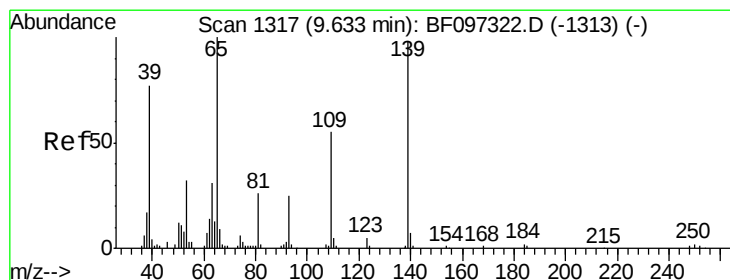
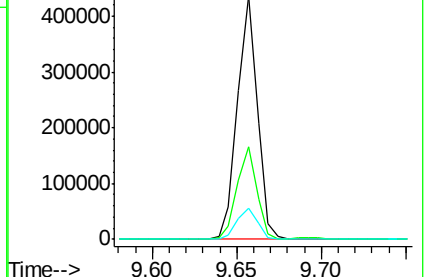
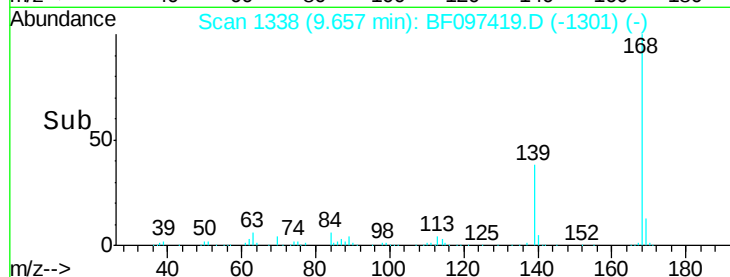
169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 87.25 ng

RT: 9.66 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

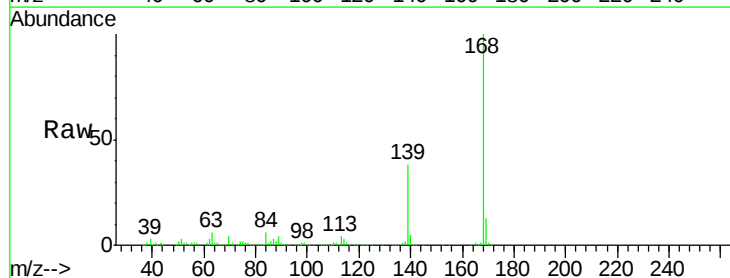
Tgt Ion:139 Resp: 134678

Ion Ratio Lower Upper

139 100

109 1.1 34.1 74.1#

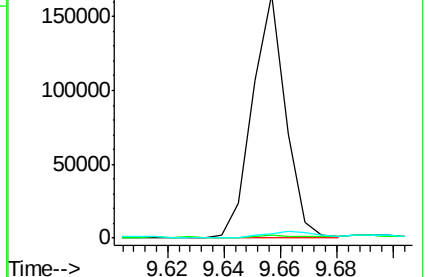
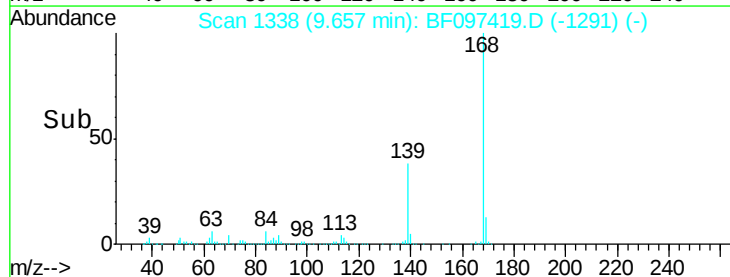
65 1.9 31.4 71.4#

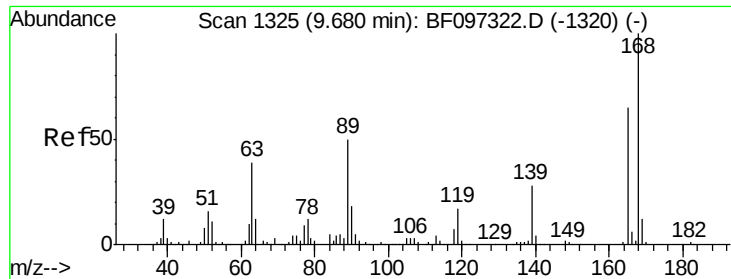


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

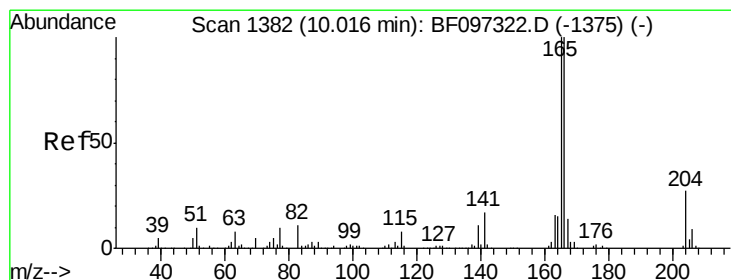
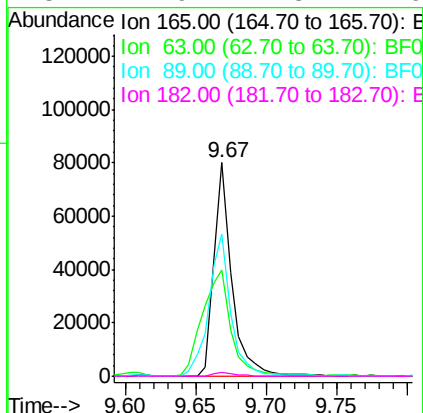
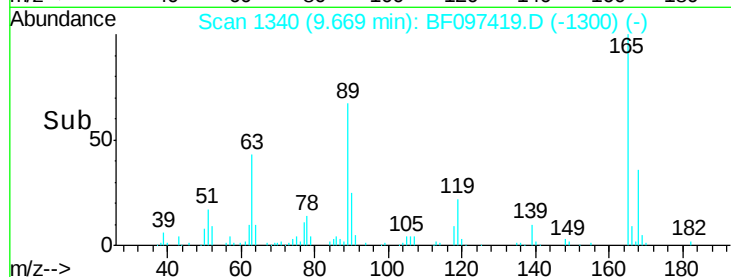
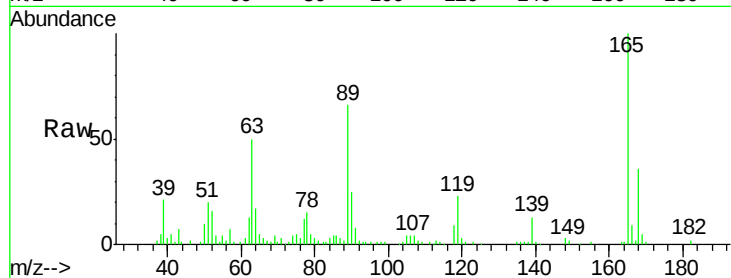




#56
 2,4-Dinitrotoluene
 Concen: 29.51 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.06 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

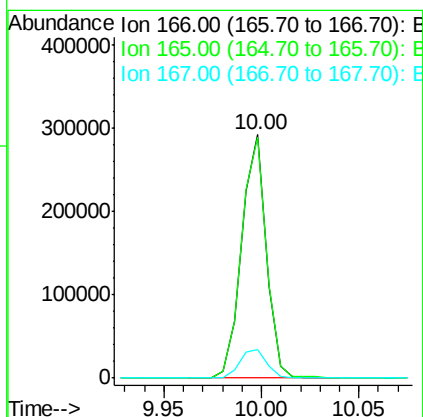
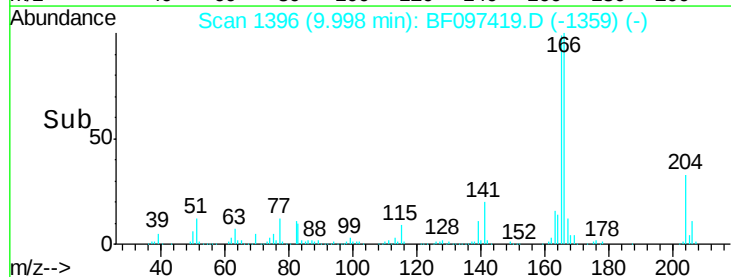
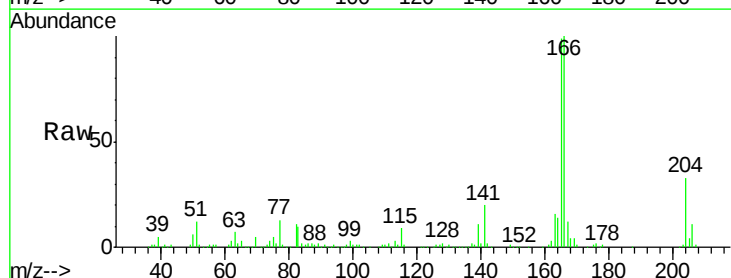
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

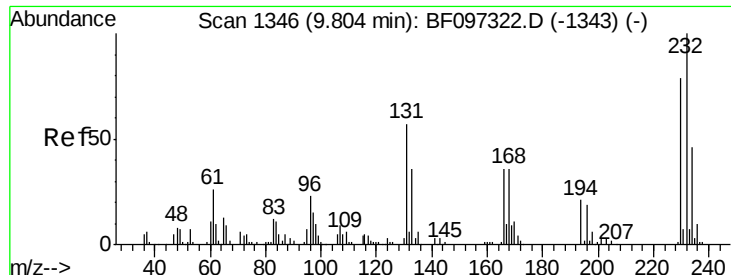
Tgt Ion:	165	Resp:	70946
Ion	Ratio	Lower	Upper
165	100		
63	49.6	25.4	38.0#
89	66.4	46.4	69.6
182	1.9	1.8	2.6



#57
 Fluorene
 Concen: 34.36 ng
 RT: 10.00 min Scan# 1396
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:	166	Resp:	253842
Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.8	118.2
167	12.0	10.6	16.0

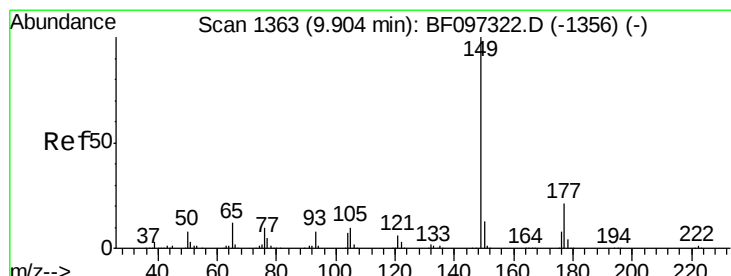
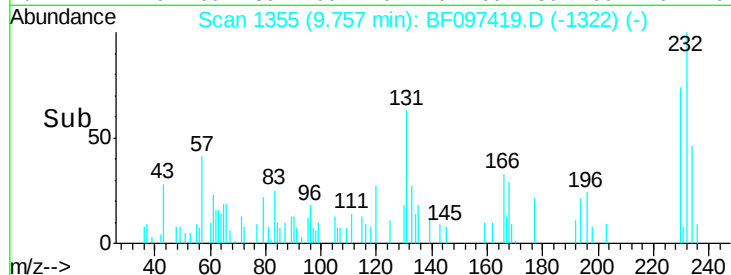
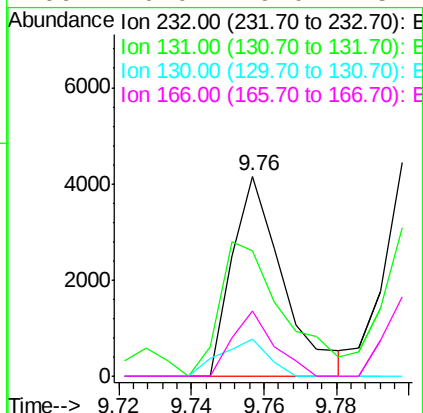
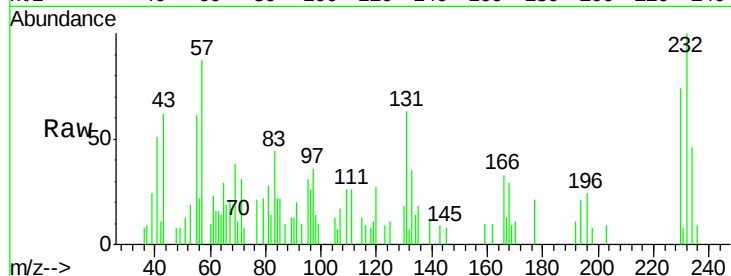




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.33 ng
 RT: 9.76 min Scan# 1355
 Delta R.T. -0.11 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

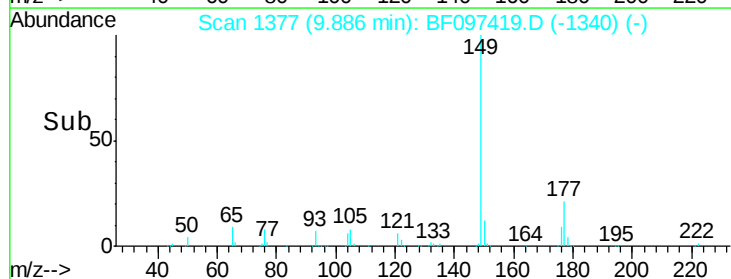
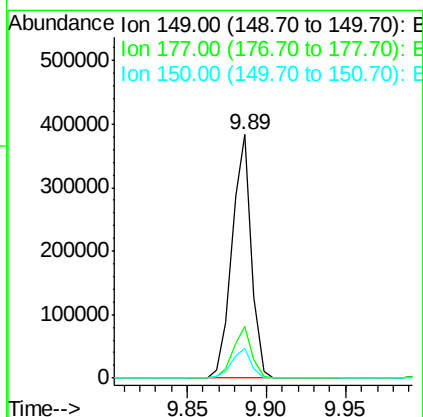
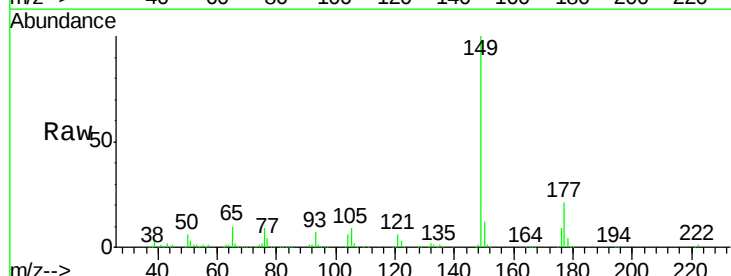
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

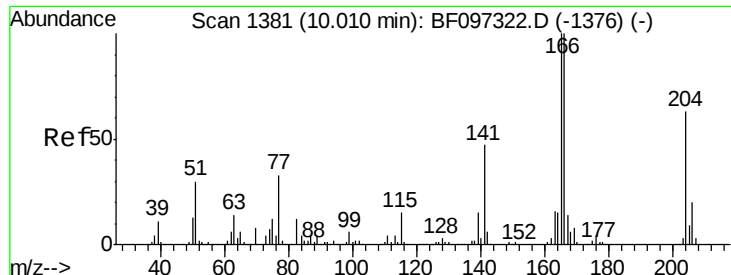
Tgt Ion: 232 Resp: 4049
 Ion Ratio Lower Upper
 232 100
 131 84.6 44.8 67.2#
 130 17.4 2.3 3.5#
 166 0.0 29.0 43.4#



#59
 Diethylphthalate
 Concen: 35.65 ng
 RT: 9.89 min Scan# 1377
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion: 149 Resp: 322517
 Ion Ratio Lower Upper
 149 100
 177 21.3 16.7 25.1
 150 12.4 10.2 15.2

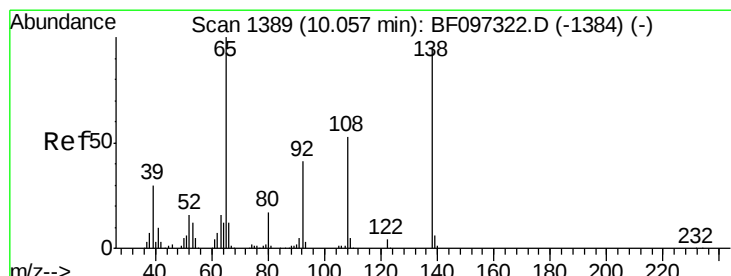
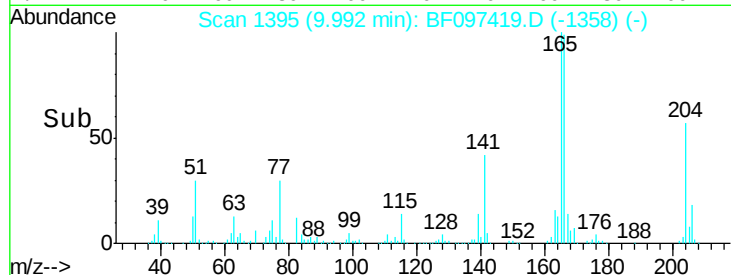
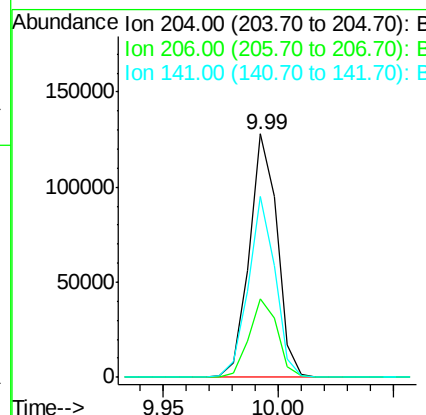
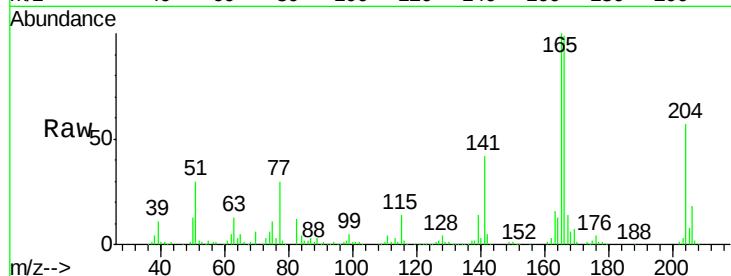




#60
 4-Chlorophenyl-phenylether
 Concen: 35.48 ng
 RT: 9.99 min Scan# 1395
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

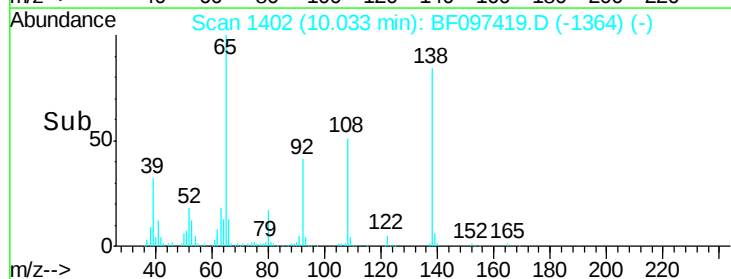
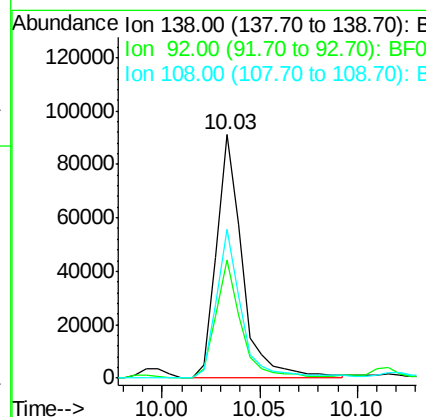
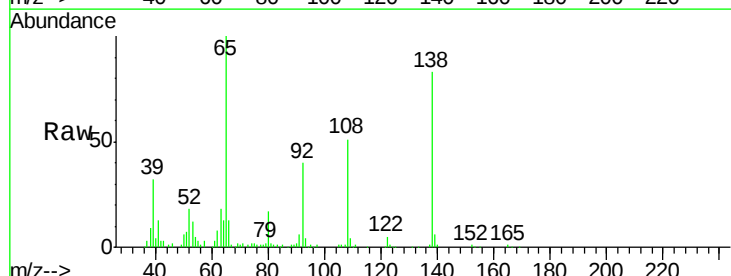
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

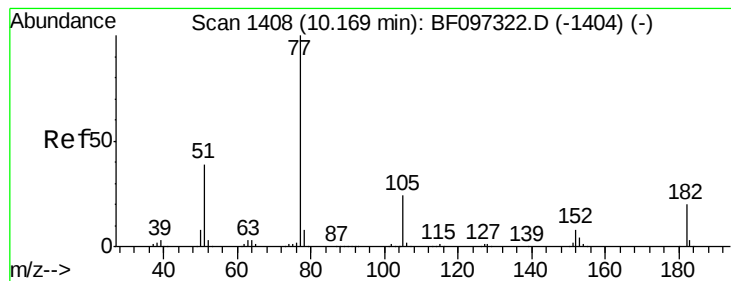
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.2	39.2
141	74.1	60.8	91.2



#61
 4-Nitroaniline
 Concen: 34.19 ng
 RT: 10.03 min Scan# 1402
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.5	21.8	61.8
108	60.9	42.3	82.3





#62

Azobenzene

Concen: 34.23 ng

RT: 10.15 min Scan# 1422

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

Tgt Ion: 77 Resp: 287220

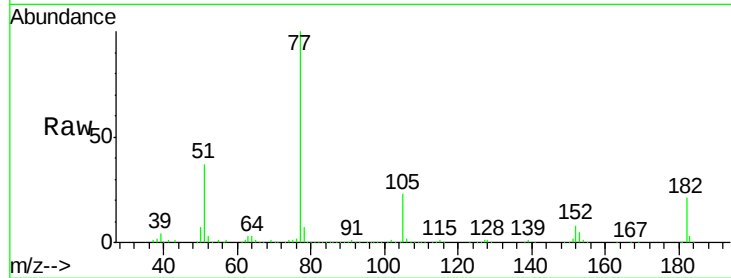
Ion Ratio Lower Upper

77 100

182 20.6 0.1 40.1

105 23.1 3.6 43.6

51 36.6 9.4 49.4

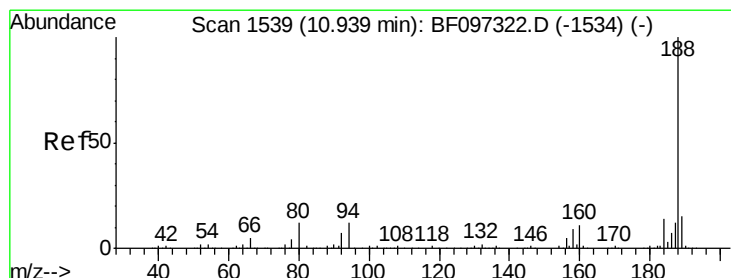
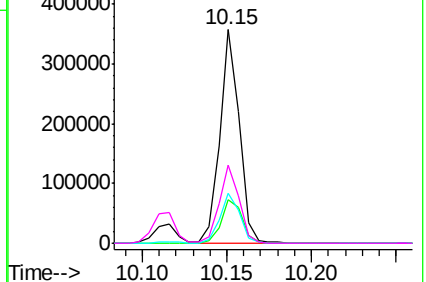
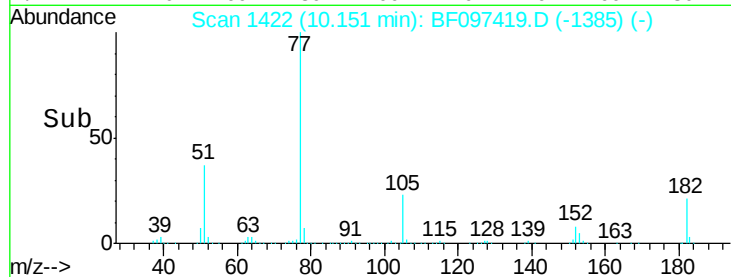


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

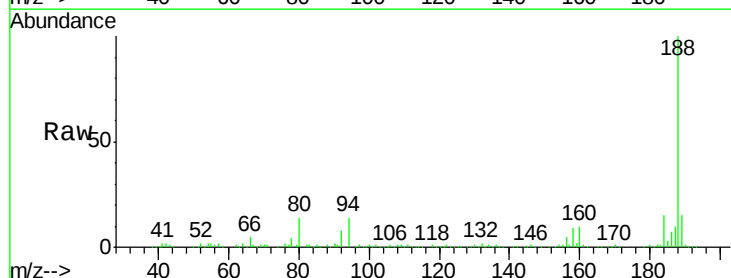
Tgt Ion: 188 Resp: 207227

Ion Ratio Lower Upper

188 100

94 13.6 9.4 14.2

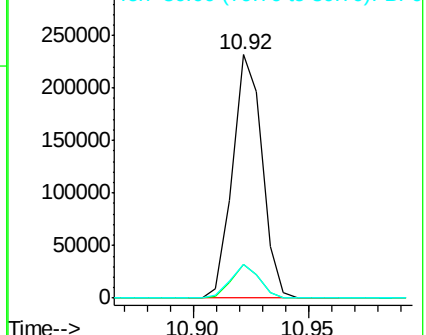
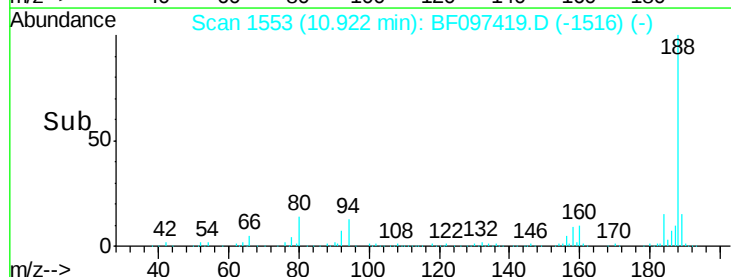
80 13.7 10.2 15.2

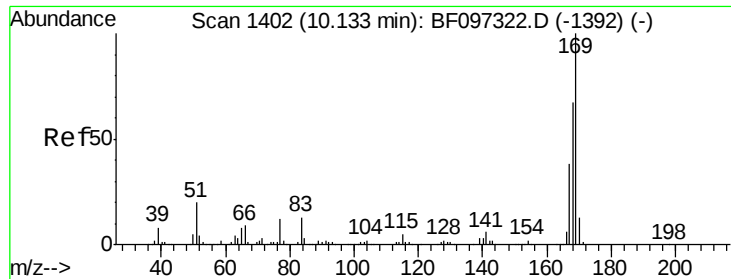


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

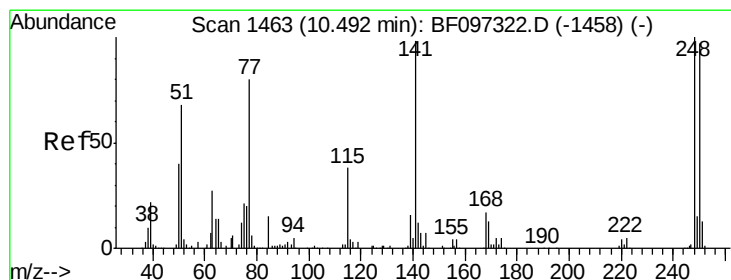
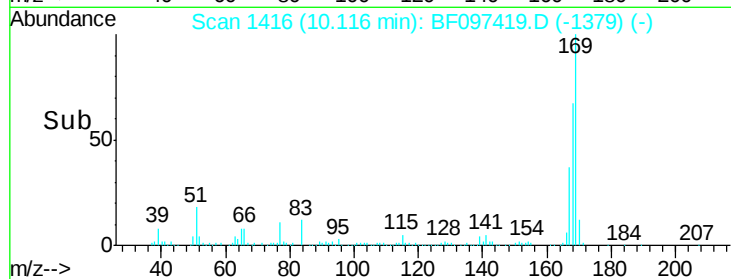
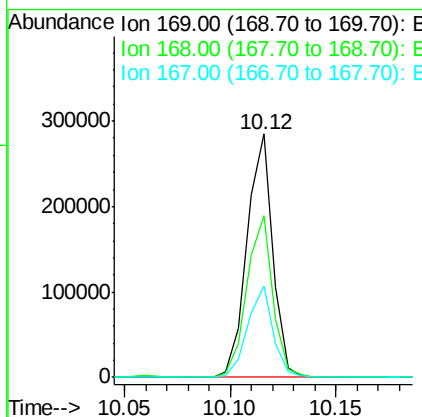
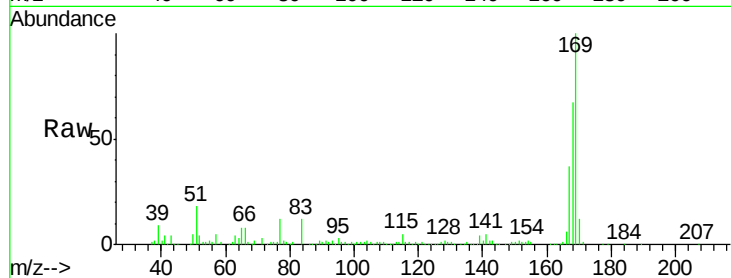




#65
 n-Nitrosodiphenylamine
 Concen: 33.48 ng
 RT: 10.12 min Scan# 1416
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

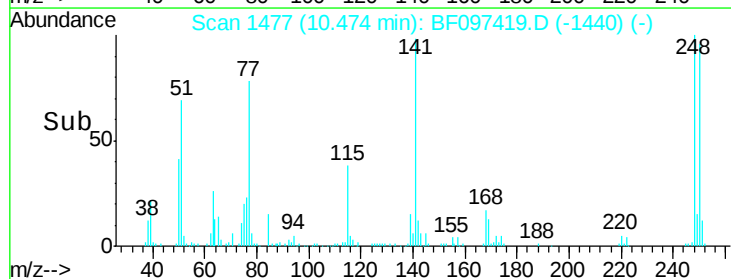
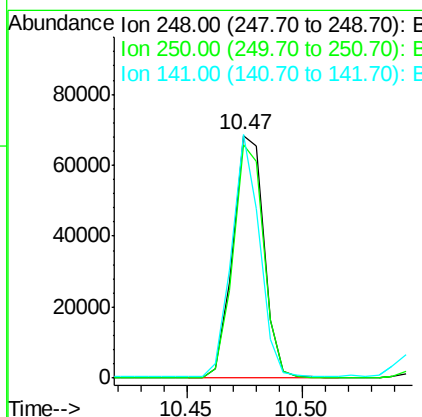
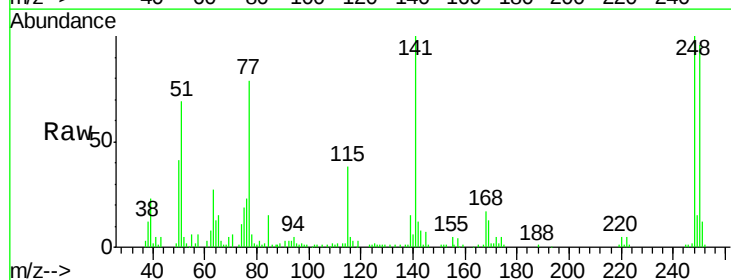
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

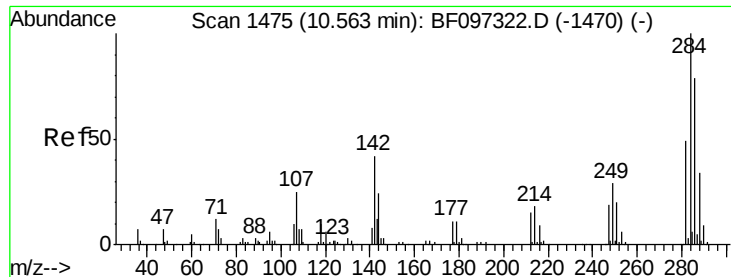
Tgt Ion:169 Resp: 241429
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.2 79.8
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 31.15 ng
 RT: 10.47 min Scan# 1477
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:248 Resp: 64414
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.8 115.2
 141 100.4 68.6 103.0





#67

Hexachlorobenzene

Concen: 30.18 ng

RT: 10.55 min Scan# 1489

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

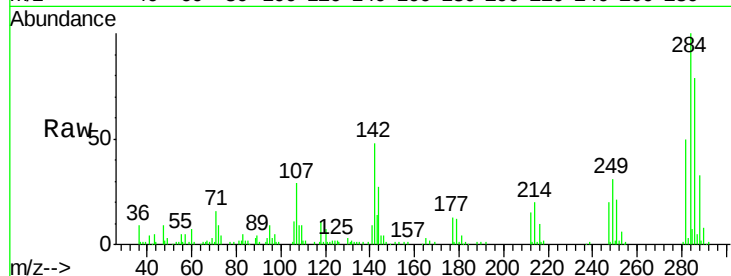
Tgt Ion: 284 Resp: 69997

Ion Ratio Lower Upper

284 100

142 47.9 22.8 34.2#

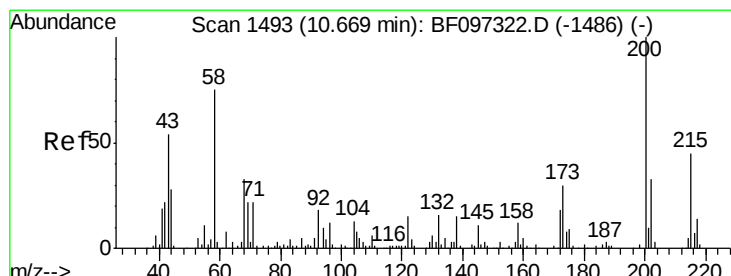
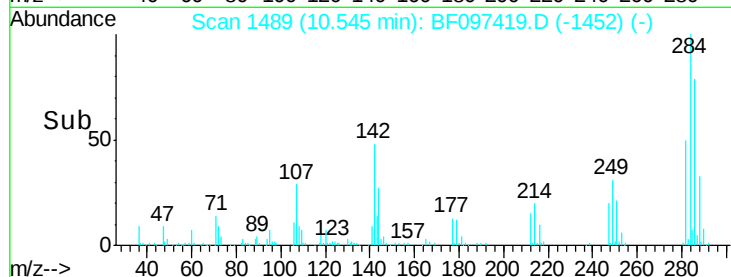
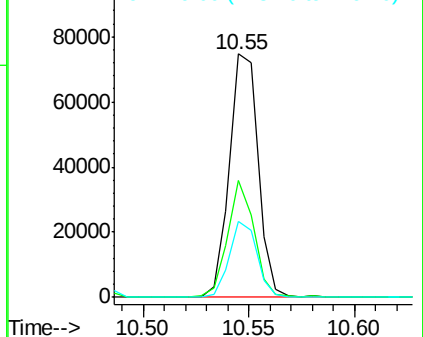
249 31.3 24.0 36.0



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: 35.03 ng

RT: 10.65 min Scan# 1506

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

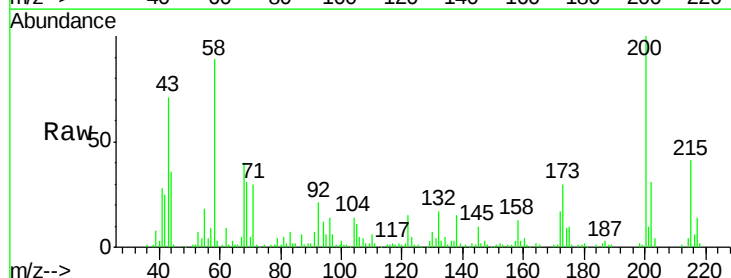
Tgt Ion: 200 Resp: 72436

Ion Ratio Lower Upper

200 100

173 29.6 6.3 46.3

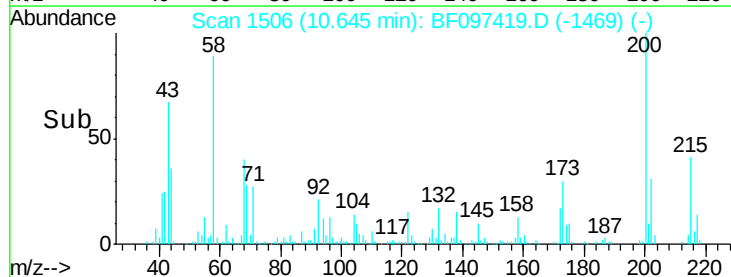
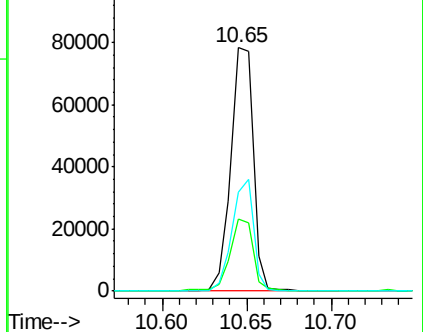
215 40.8 27.2 67.2

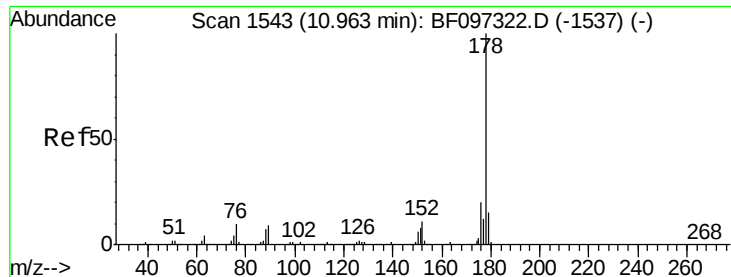


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 35.30 ng

RT: 10.95 min Scan# 1557

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

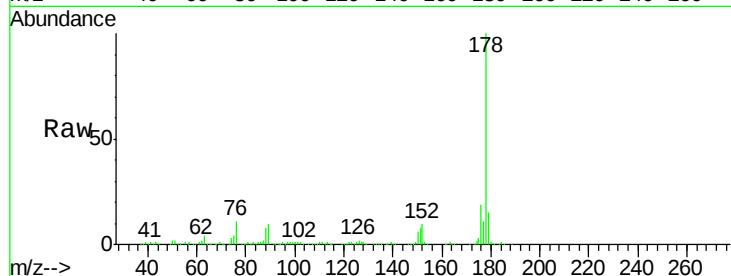
Tgt Ion:178 Resp: 391903

Ion Ratio Lower Upper

178 100

176 18.7 16.2 24.4

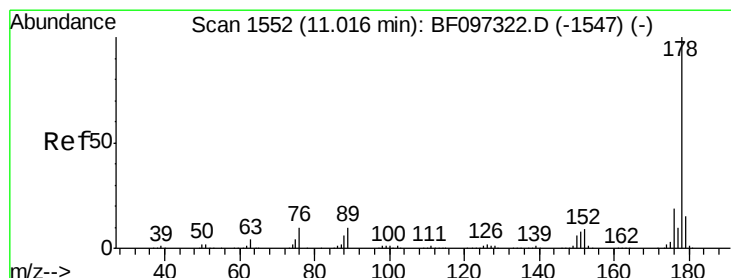
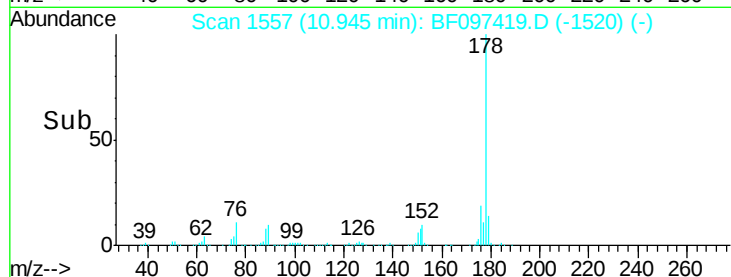
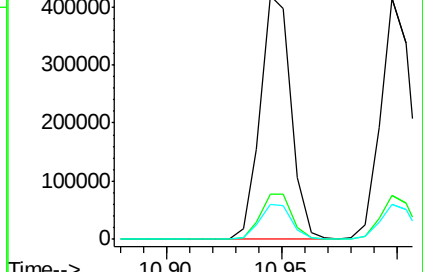
179 14.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 33.44 ng

RT: 11.00 min Scan# 1566

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

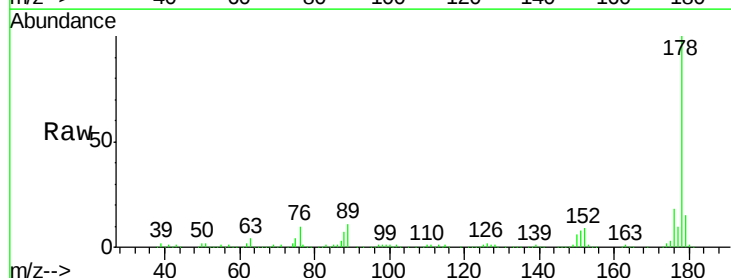
Tgt Ion:178 Resp: 380339

Ion Ratio Lower Upper

178 100

176 18.4 15.8 23.8

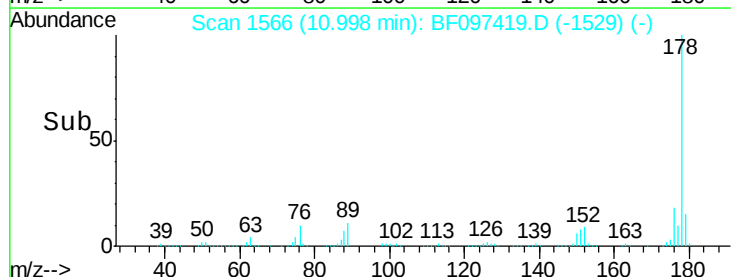
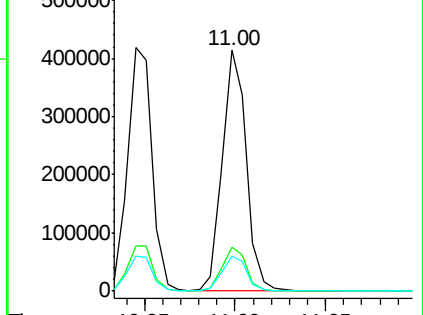
179 14.6 12.7 19.1

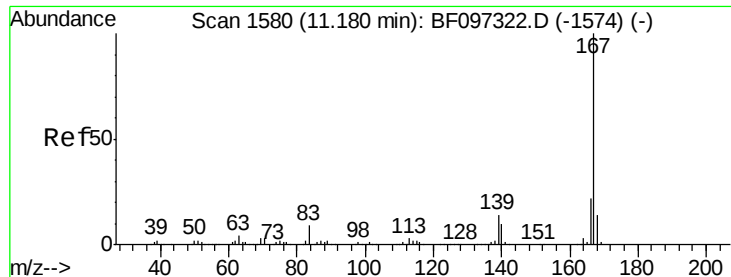


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

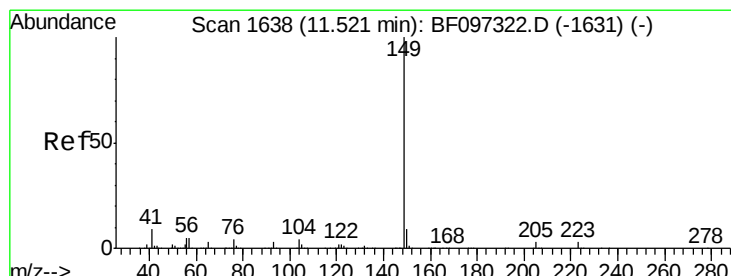
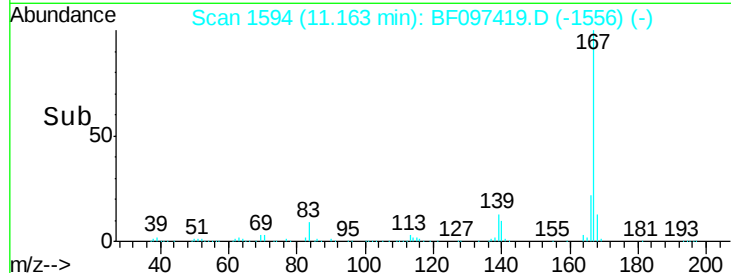
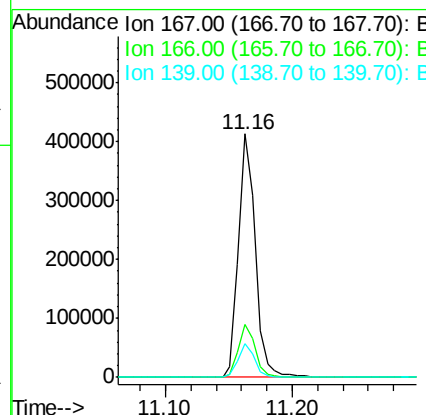
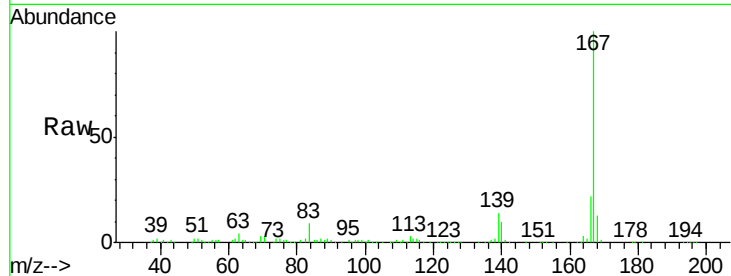




#72
 Carbazole
 Concen: 33.67 ng
 RT: 11.16 min Scan# 1594
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

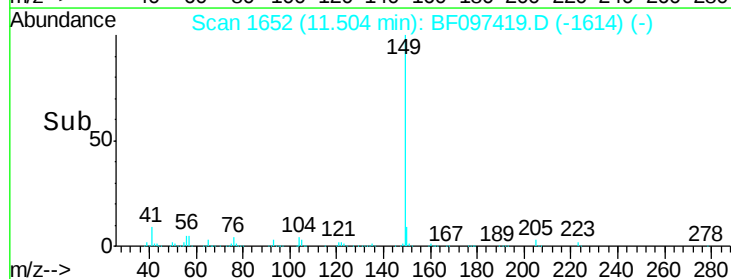
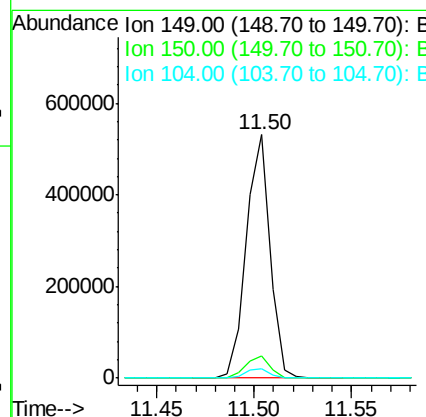
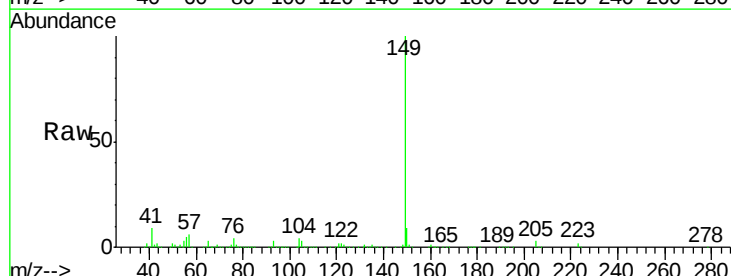
Instrument :
 BNA_F
 ClientSampleId :
 352-338-351-COMPMS

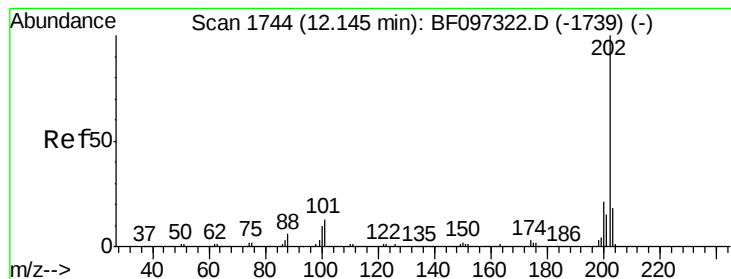
Tgt Ion:167 Resp: 376528
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.1 27.1
 139 13.6 11.7 17.5



#73
 Di-n-butylphthalate
 Concen: 32.31 ng
 RT: 11.50 min Scan# 1652
 Delta R.T. -0.08 min
 Lab File: BF097419.D
 Acq: 6 Aug 2017 4:44

Tgt Ion:149 Resp: 446715
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 4.0 4.0 6.0#





#74

Fluoranthene

Concen: 34.63 ng

RT: 12.13 min Scan# 1758

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

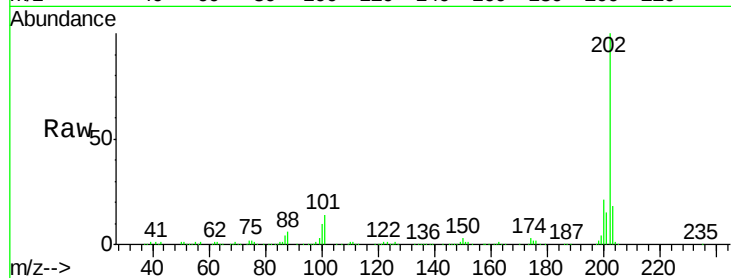
Tgt Ion:202 Resp: 376634

Ion Ratio Lower Upper

202 100

101 13.6 0.0 33.2

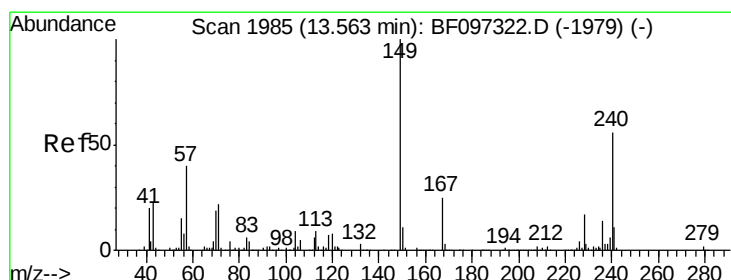
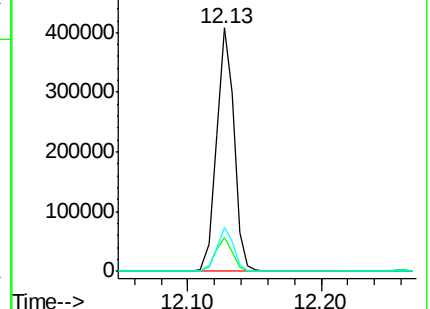
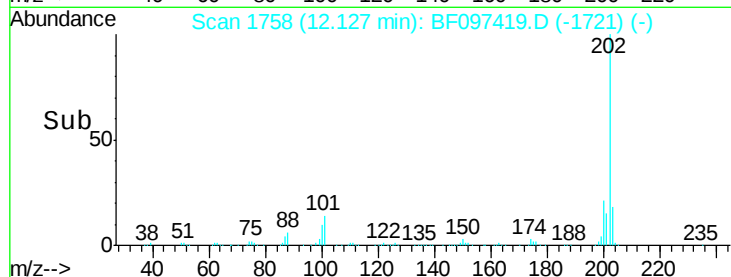
203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

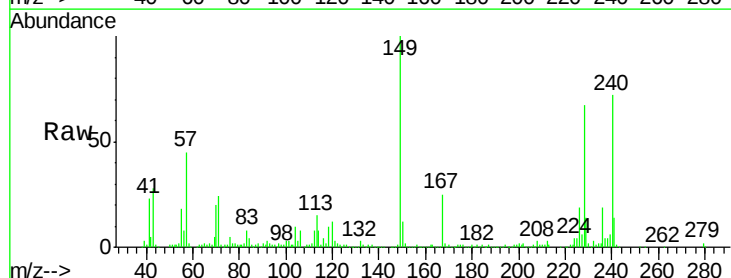
Tgt Ion:240 Resp: 149836

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

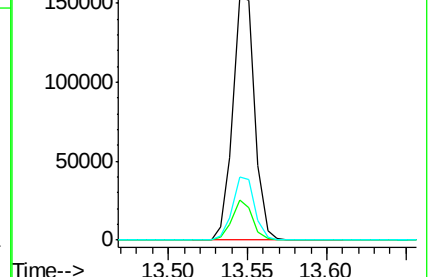
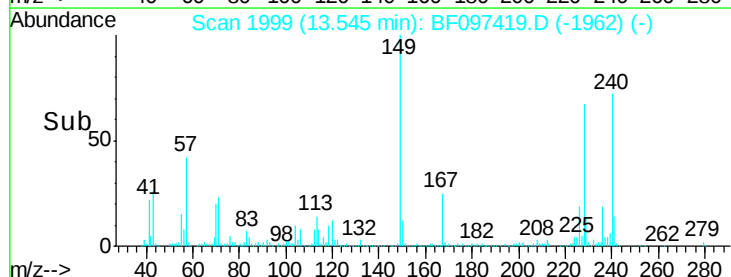
236 25.7 20.5 30.7

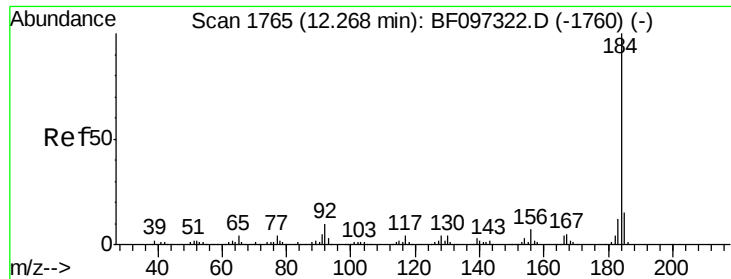


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

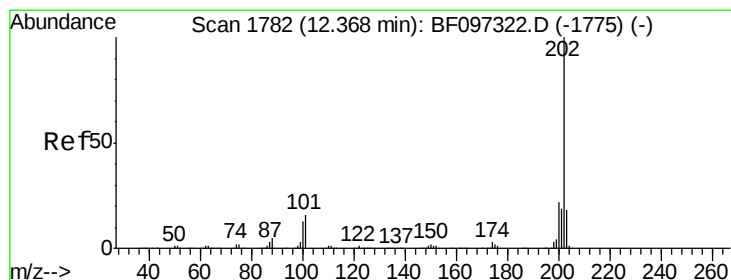
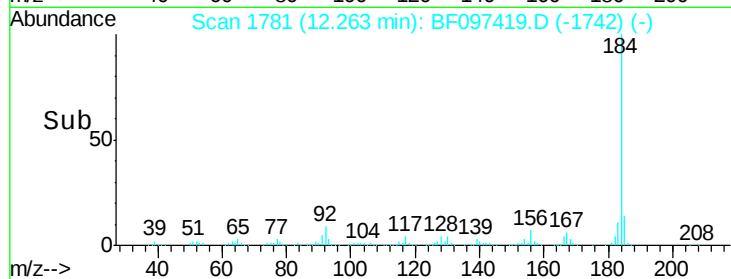
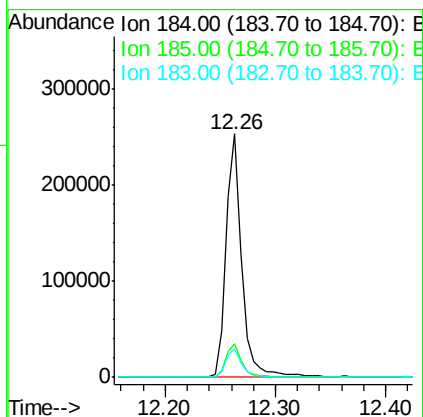
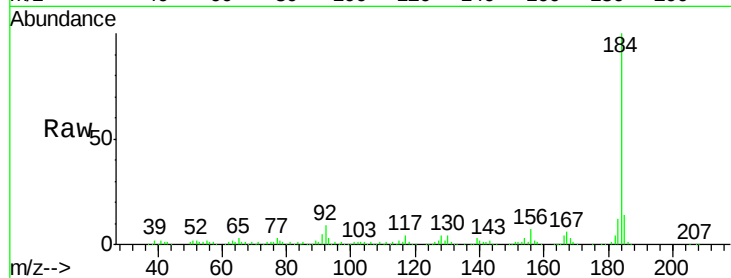




#76
Benzidine
Concen: 45.60 ng
RT: 12.26 min Scan# 1781
Delta R.T. -0.07 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

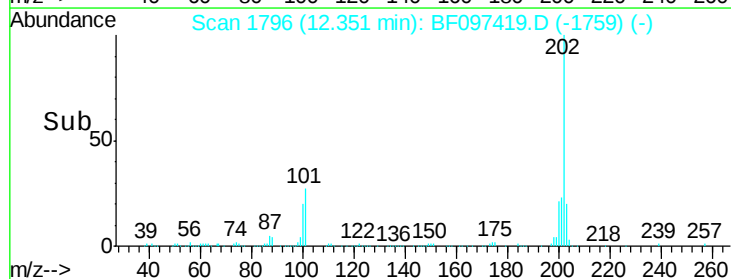
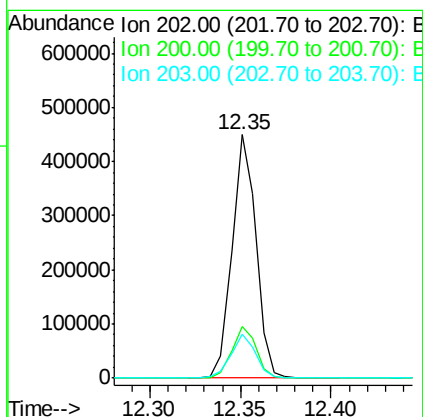
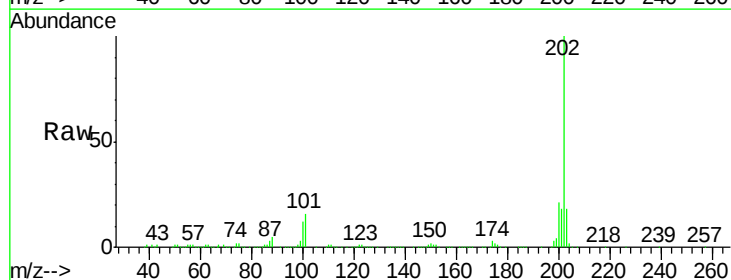
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

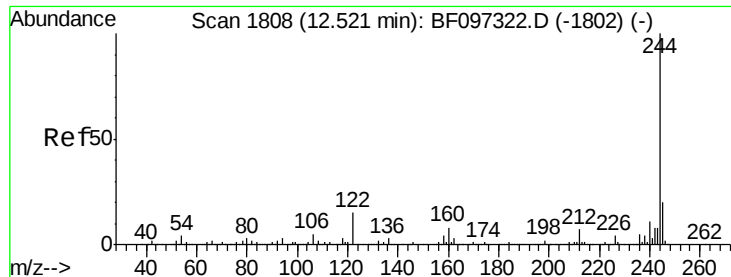
Tgt Ion:184 Resp: 253499
Ion Ratio Lower Upper
184 100
185 14.1 15.5 23.3#
183 11.5 9.8 14.6



#77
Pyrene
Concen: 33.79 ng
RT: 12.35 min Scan# 1796
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion:202 Resp: 414508
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.8 14.4 21.6





#78

Terphenyl-d14

Concen: 61.36 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

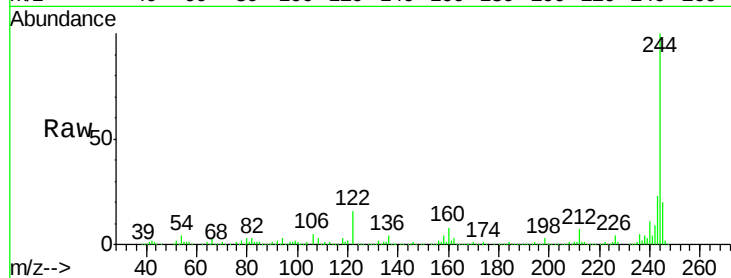
Tgt Ion:244 Resp: 450903

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

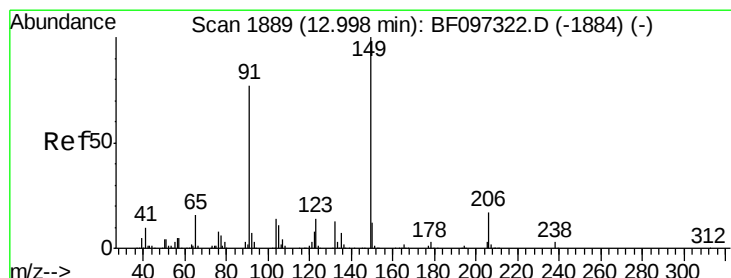
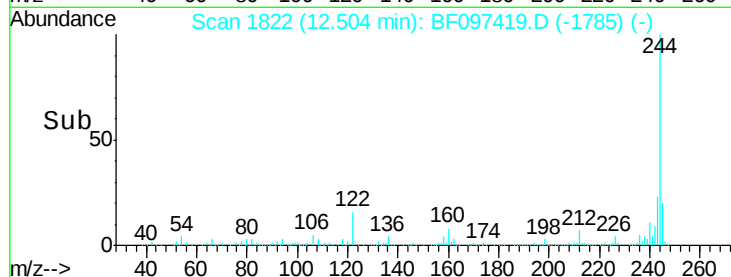
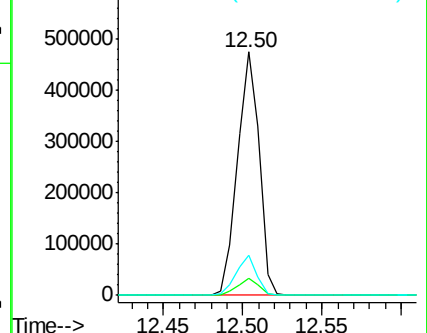
122 16.5 10.3 15.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 30.98 ng

RT: 12.99 min Scan# 1904

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

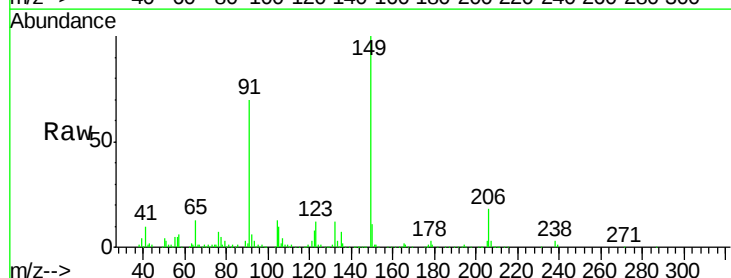
Tgt Ion:149 Resp: 193310

Ion Ratio Lower Upper

149 100

91 70.1 45.0 67.4#

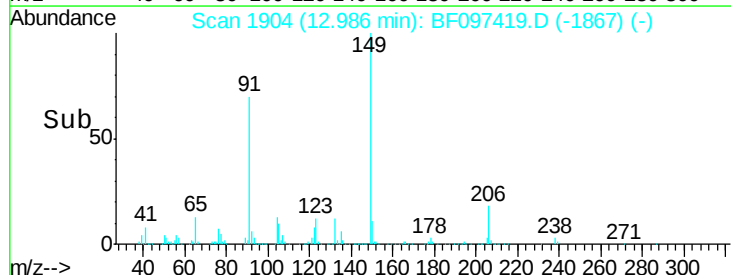
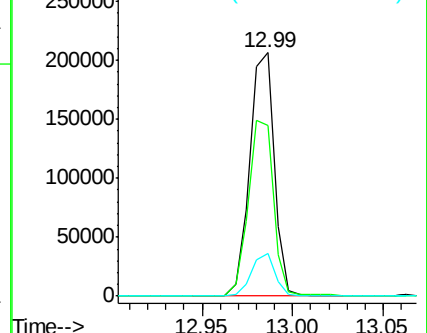
206 17.5 17.0 25.6

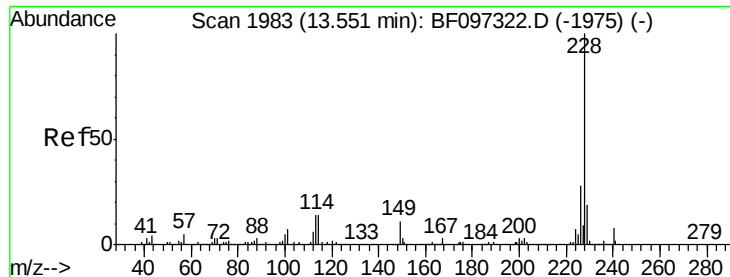


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 30.90 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

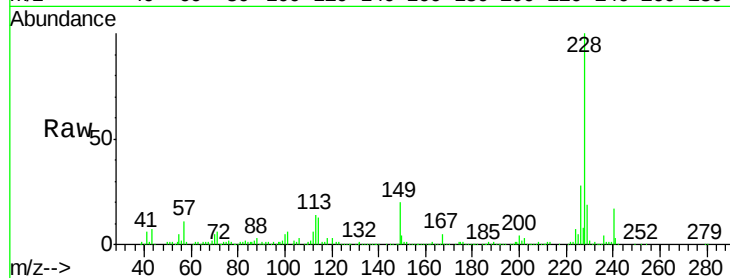
Tgt Ion:228 Resp: 299596

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

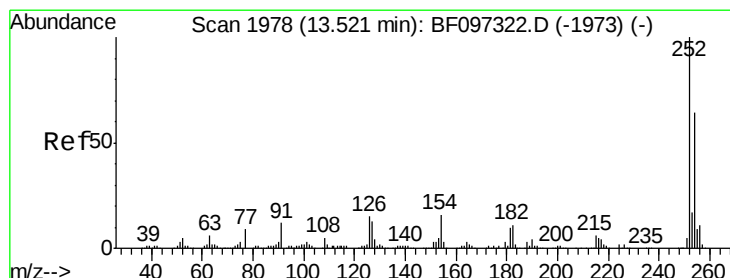
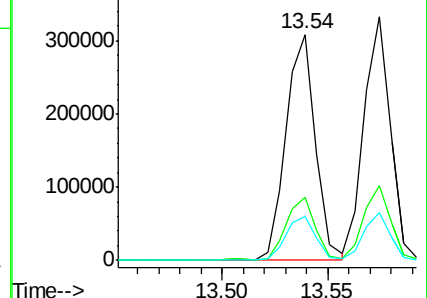
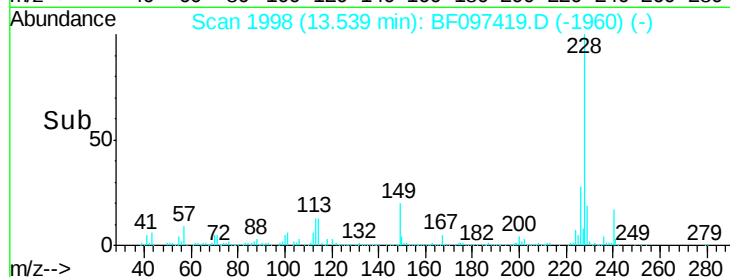
229 19.4 16.3 24.5



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: 29.69 ng

RT: 13.50 min Scan# 1992

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

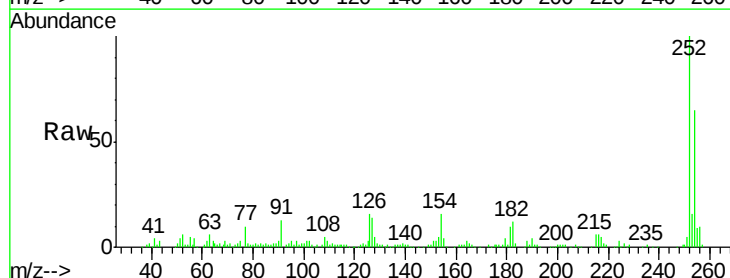
Tgt Ion:252 Resp: 108534

Ion Ratio Lower Upper

252 100

254 65.1 51.5 77.3

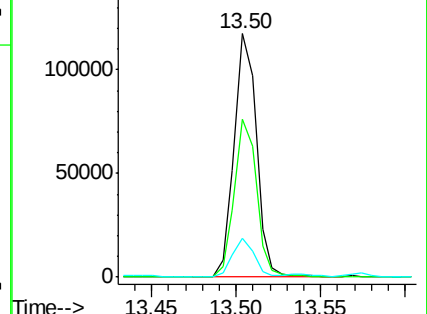
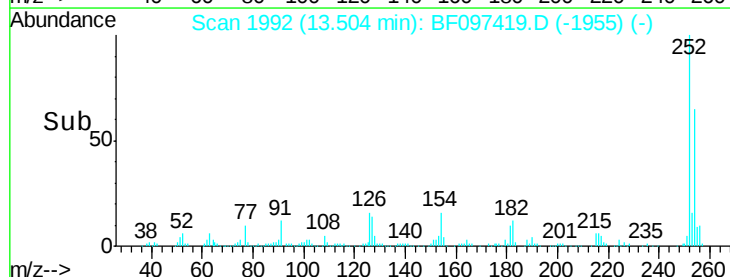
126 15.7 15.8 23.8#

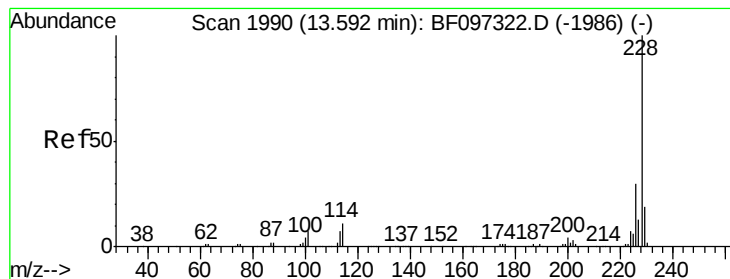


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 30.72 ng

RT: 13.57 min Scan# 2004

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

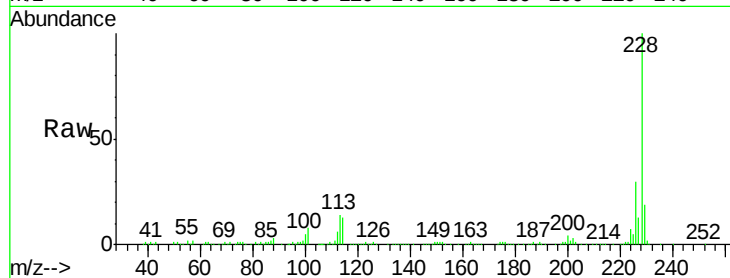
Tgt Ion:228 Resp: 290854

Ion Ratio Lower Upper

228 100

226 30.4 24.9 37.3

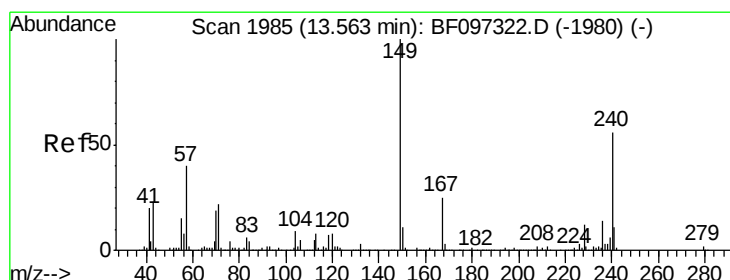
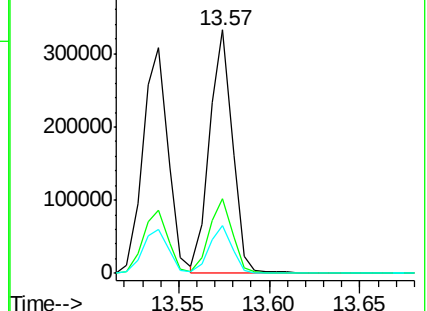
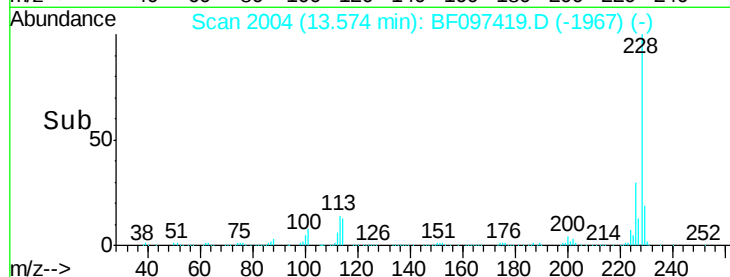
229 19.5 15.8 23.6



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: 31.58 ng

RT: 13.55 min Scan# 2000

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

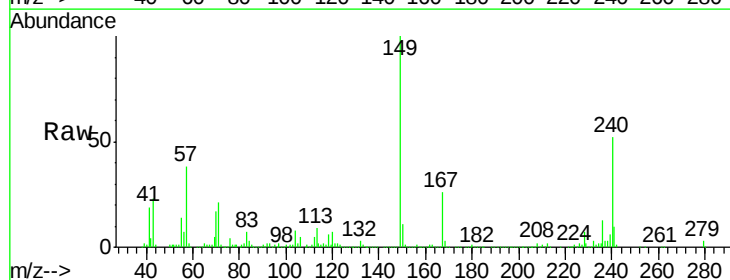
Tgt Ion:149 Resp: 257247

Ion Ratio Lower Upper

149 100

167 26.1 21.0 31.4

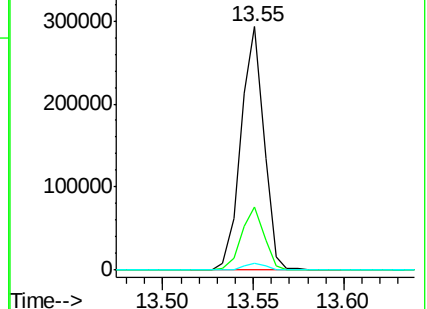
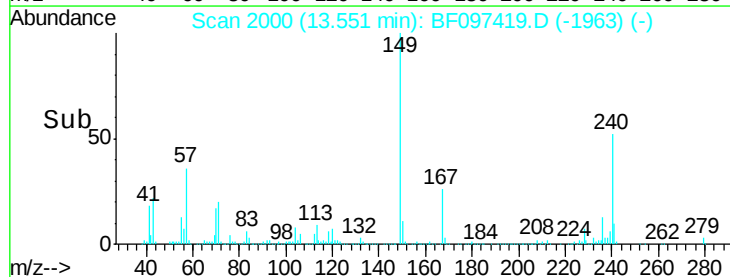
279 2.7 1.9 2.9

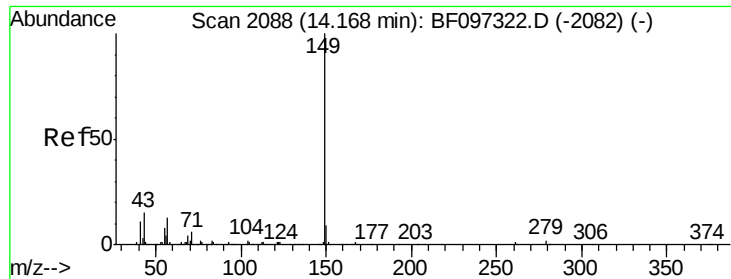


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 35.53 ng

RT: 14.16 min Scan# 2103

Delta R.T. -0.08 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

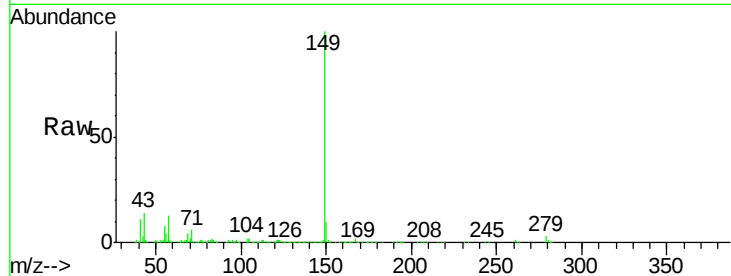
Tgt Ion:149 Resp: 531256

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

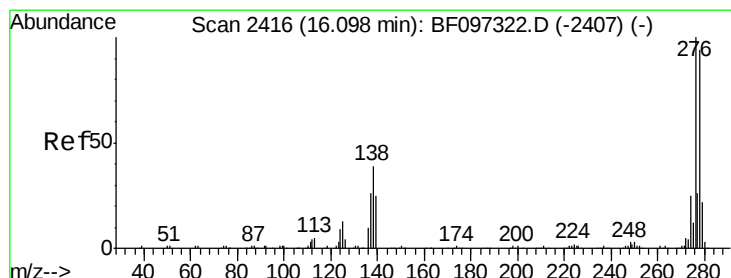
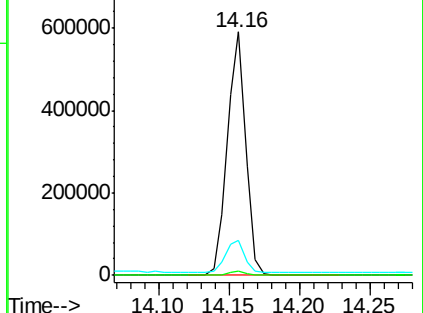
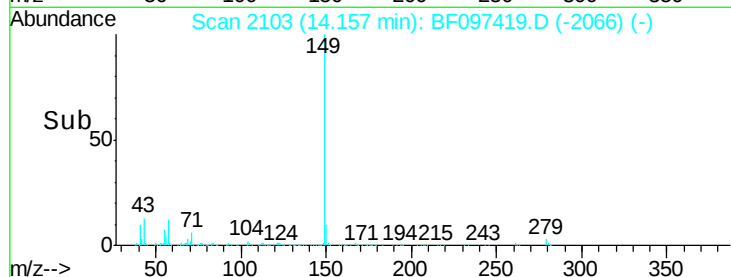
43 14.3 8.5 12.7#



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: 25.81 ng

RT: 16.09 min Scan# 2431

Delta R.T. -0.12 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

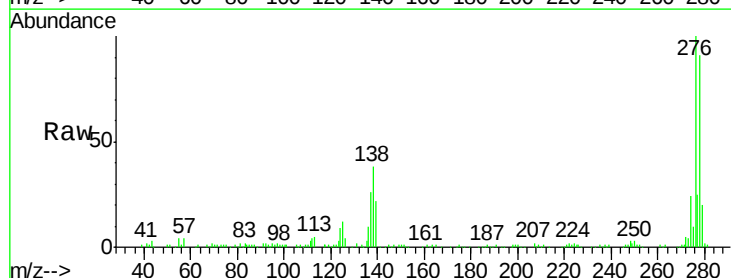
Tgt Ion:276 Resp: 209497

Ion Ratio Lower Upper

276 100

138 38.9 27.8 41.6

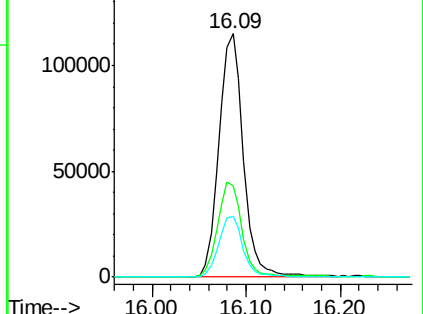
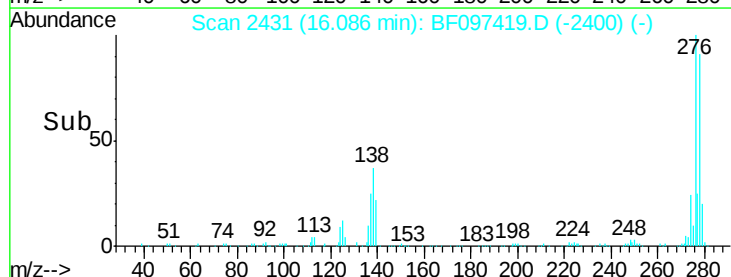
277 24.6 20.2 30.4

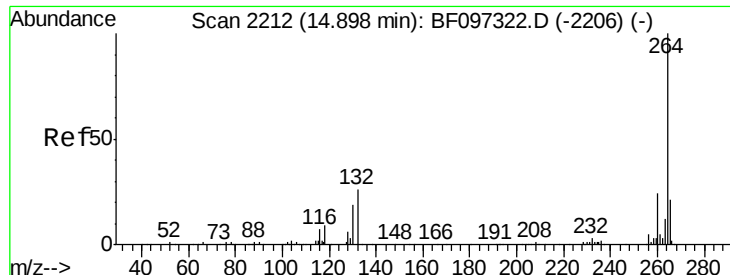


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

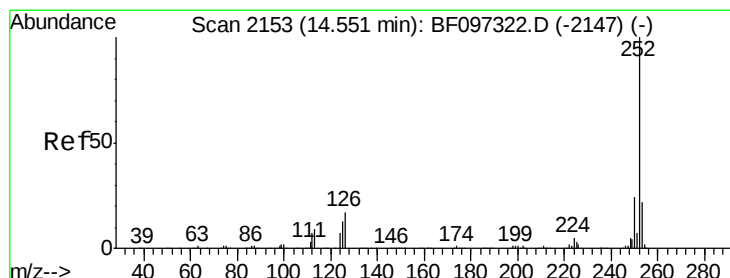
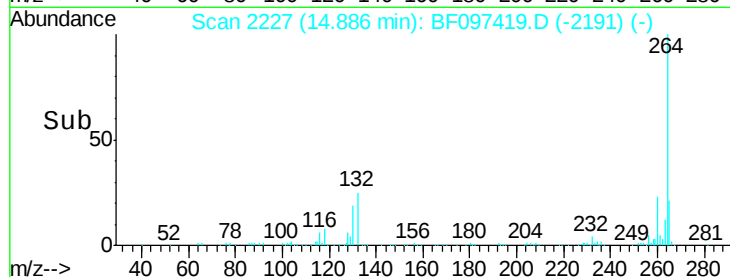
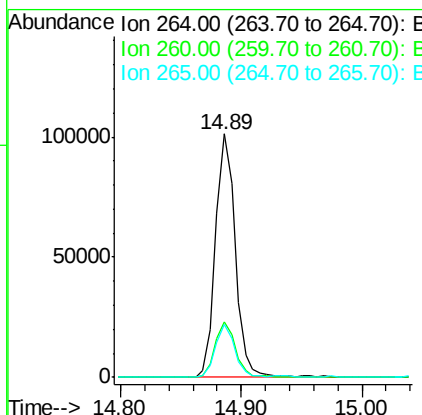
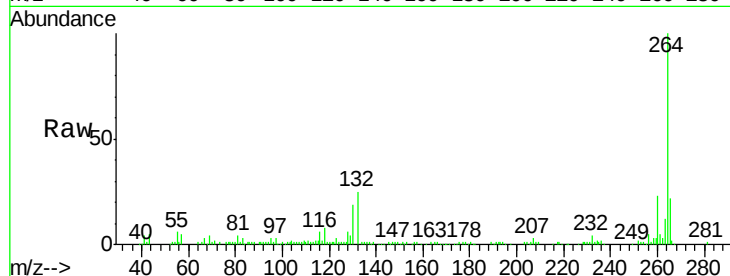




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

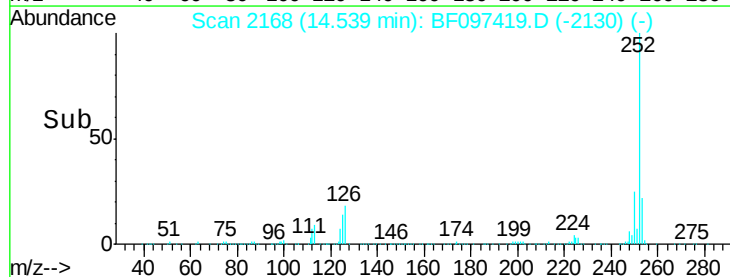
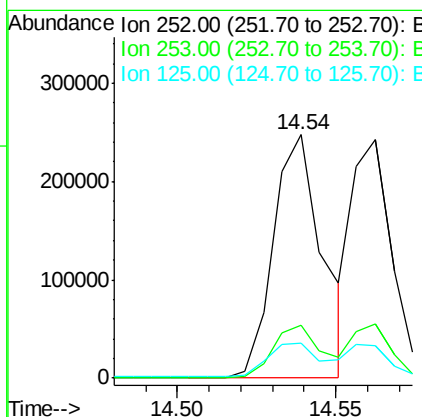
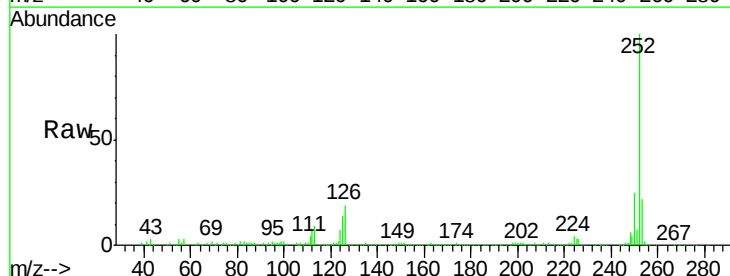
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

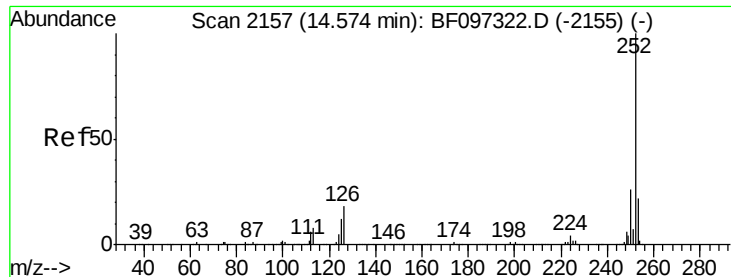
Tgt Ion:264 Resp: 114045
Ion Ratio Lower Upper
264 100
260 22.6 19.5 29.3
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 39.02 ng
RT: 14.54 min Scan# 2168
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion:252 Resp: 267507
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.1 9.8 14.8

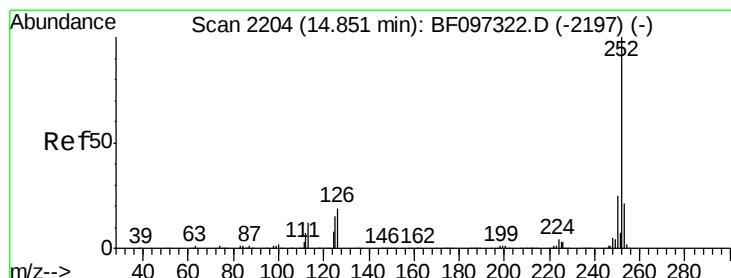
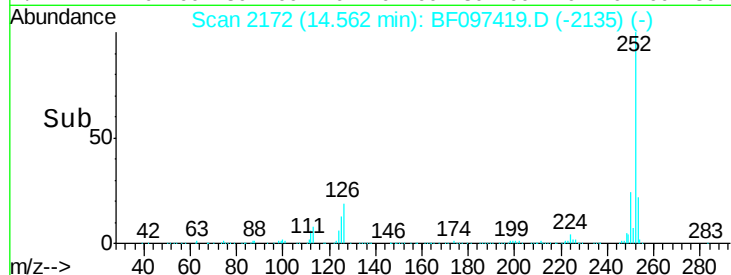
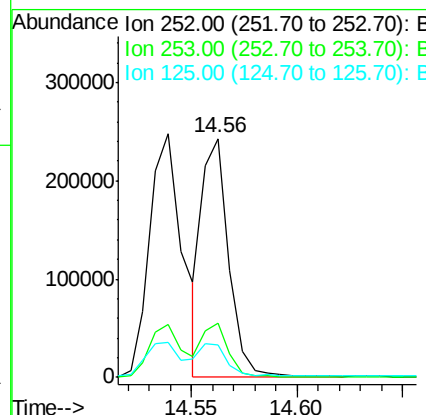
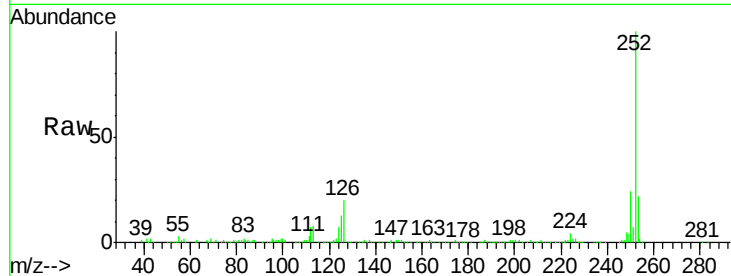




#88
Benzo(k)fluoranthene
Concen: 32.70 ng
RT: 14.56 min Scan# 2172
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

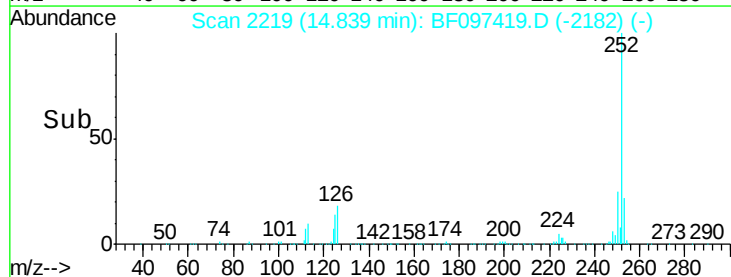
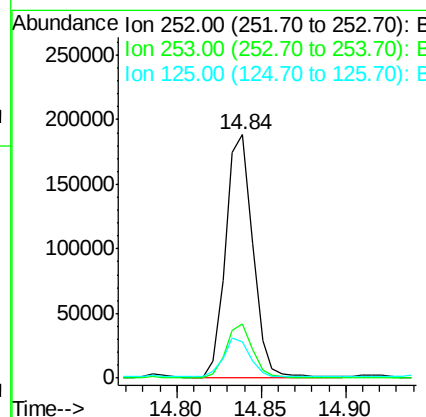
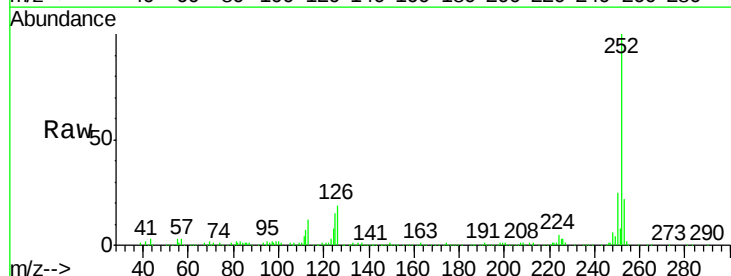
Instrument :
BNA_F
ClientSampleId :
352-338-351-COMPMS

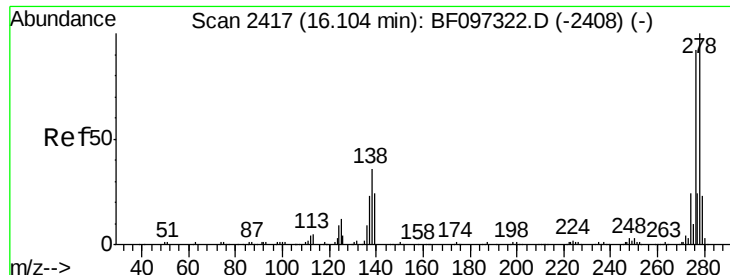
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.4	27.6
125	13.4	13.1	19.7



#89
Benzo(a)pyrene
Concen: 33.72 ng
RT: 14.84 min Scan# 2219
Delta R.T. -0.08 min
Lab File: BF097419.D
Acq: 6 Aug 2017 4:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	14.9	11.0	16.4





#90

Dibenzo(a,h)anthracene

Concen: 33.65 ng

RT: 16.09 min Scan# 2431

Delta R.T. -0.13 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

Instrument :

BNA_F

ClientSampleId :

352-338-351-COMPMS

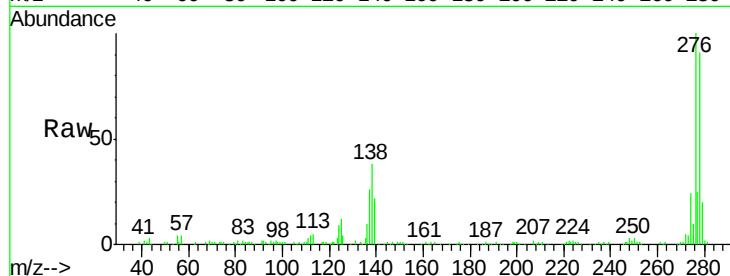
Tgt Ion:278 Resp: 173112

Ion Ratio Lower Upper

278 100

139 24.6 16.6 24.8

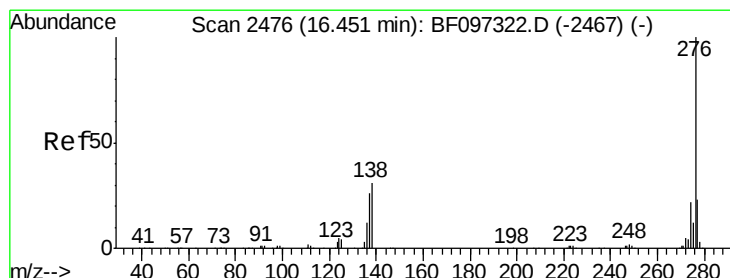
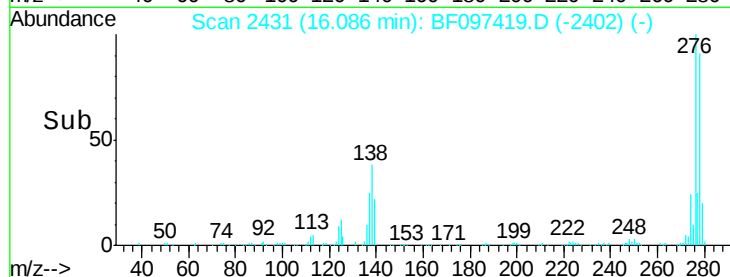
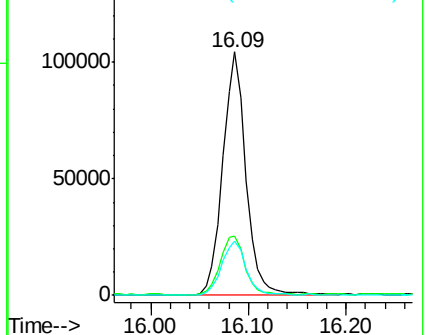
279 22.4 19.3 28.9



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: 32.93 ng

RT: 16.44 min Scan# 2491

Delta R.T. -0.13 min

Lab File: BF097419.D

Acq: 6 Aug 2017 4:44

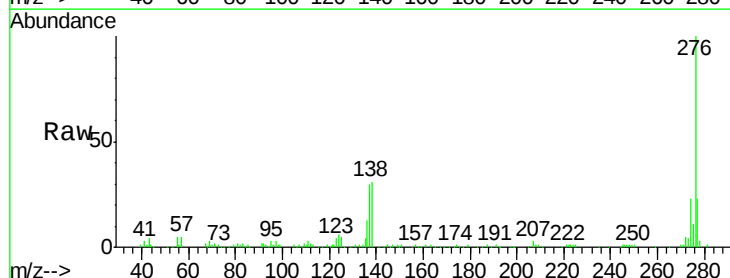
Tgt Ion:276 Resp: 177675

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 30.9 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

