

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097352.D
 Acq On : 4 Aug 2017 13:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 04 16:55:18 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 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	110161	20.00	ng	0.00
21) Naphthalene-d8	7.72	136	433060	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	184185	20.00	ng	0.00
63) Phenanthrene-d10	10.94	188	324233	20.00	ng	0.00
75) Chrysene-d12	13.56	240	216769	20.00	ng	0.00
86) Perylene-d12	14.90	264	213416	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	616698	84.39	ng	0.00
7) Phenol-d6	6.12	99	621775	74.53	ng	0.00
23) Nitrobenzene-d5	7.02	82	610321	82.68	ng	0.00
41) 2,4,6-Tribromophenol	10.26	330	124161	85.32	ng	0.00
44) 2-Fluorobiphenyl	8.80	172	912700	84.10	ng	0.00
78) Terphenyl-d14	12.52	244	875216	82.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	110728	36.310	ng	# 69
3) Pyridine	2.54	79	351447	37.636	ng	# 65
4) n-Nitrosodimethylamine	2.50	42	199509	38.566	ng	82
6) Aniline	6.10	93	406844	38.754	ng	93
8) 2-Chlorophenol	6.23	128	309008	39.546	ng	96
9) Benzaldehyde	5.99	77	244566	49.528	ng	97
10) Phenol	6.13	94	388222	39.232	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	295248	37.725	ng	90
12) 1,3-Dichlorobenzene	6.38	146	321559	38.187	ng	99
13) 1,4-Dichlorobenzene	6.46	146	345523	41.404	ng	95
14) 1,2-Dichlorobenzene	6.61	146	291351	39.985	ng	100
15) Benzyl Alcohol	6.60	79	224384	42.482	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.73	45	577856	36.812	ng	51
17) 2-Methylphenol	6.73	107	227803	37.774	ng	# 89
18) Hexachloroethane	6.95	117	125503	41.108	ng	# 80
19) n-Nitroso-di-n-propylamine	6.87	70	210624	38.356	ng	# 79
20) 3+4-Methylphenols	6.89	107	333030	42.282	ng	# 64
22) Acetophenone	6.86	105	412999	39.712	ng	# 99
24) Nitrobenzene	7.03	77	323005	42.013	ng	95
25) Isophorone	7.28	82	540256	37.370	ng	97
26) 2-Nitrophenol	7.35	139	164466	39.540	ng	# 85
27) 2,4-Dimethylphenol	7.41	122	271362	39.549	ng	97
28) bis(2-Chloroethoxy)methane	7.49	93	379899	40.268	ng	99
29) 2,4-Dichlorophenol	7.60	162	249881	42.274	ng	98
30) 1,2,4-Trichlorobenzene	7.67	180	225594	40.040	ng	97
31) Naphthalene	7.75	128	893653	43.777	ng	100
32) Benzoic acid	7.59	122	199963	39.028	ng	98
33) 4-Chloroaniline	7.81	127	382733	46.077	ng	98
34) Hexachlorobutadiene	7.87	225	121230	40.587	ng	96
35) Caprolactam	8.19	113	59684	31.489	ng	# 53
36) 4-Chloro-3-methylphenol	8.32	107	252040	39.084	ng	91
37) 2-Methylnaphthalene	8.43	142	522586	40.432	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	208798	42.486	ng	99
40) Hexachlorocyclopentadiene	8.59	237	59461	38.340	ng	99

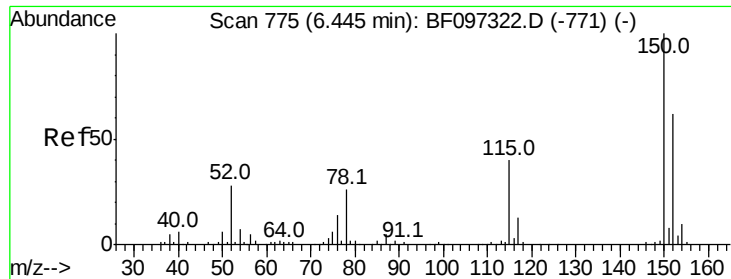
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097352.D
 Acq On : 4 Aug 2017 13:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Aug 04 16:55:18 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 16:25:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	145159	40.759	ng	98
43) 2,4,5-Trichlorophenol	8.77	196	145920	40.935	ng	98
45) 1,1'-Biphenyl	8.90	154	664898	42.264	ng	97
46) 2-Chloronaphthalene	8.92	162	478400	41.324	ng	# 92
47) 2-Nitroaniline	9.03	65	174220	41.467	ng	96
48) Acenaphthylene	9.33	152	729615	41.060	ng	100
49) Dimethylphthalate	9.21	163	583506	41.719	ng	100
50) 2,6-Dinitrotoluene	9.27	165	125725	42.382	ng	# 75
51) Acenaphthene	9.50	154	438590	41.902	ng	100
52) 3-Nitroaniline	9.44	138	161829	43.950	ng	99
53) 2,4-Dinitrophenol	9.56	184	70266	52.095	ng	# 72
54) Dibenzofuran	9.67	168	629791	45.173	ng	98
55) 4-Nitrophenol	9.64	139	85454	39.025	ng	# 66
56) 2,4-Dinitrotoluene	9.68	165	167442	49.100	ng	# 66
57) Fluorene	10.02	166	475778	45.405	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.80	232	100420	40.800	ng	96
59) Diethylphthalate	9.90	149	599332	46.706	ng	99
60) 4-Chlorophenyl-phenylether	10.01	204	186957	43.207	ng	97
61) 4-Nitroaniline	10.06	138	158920	45.423	ng	94
62) Azobenzene	10.17	77	537082	45.118	ng	92
64) 4,6-Dinitro-2-methylphenol	10.10	198	88164	43.759	ng	80
65) n-Nitrosodiphenylamine	10.13	169	457811	40.581	ng	98
66) 4-Bromophenyl-phenylether	10.49	248	128876	39.829	ng	96
67) Hexachlorobenzene	10.56	284	144151	39.727	ng	# 88
68) Atrazine	10.67	200	123412	38.149	ng	95
69) Pentachlorophenol	10.76	266	50983	33.958	ng	99
70) Phenanthrene	10.96	178	684810	39.419	ng	99
71) Anthracene	11.02	178	722298	40.594	ng	98
72) Carbazole	11.18	167	741687	42.384	ng	99
73) Di-n-butylphthalate	11.52	149	895858	41.415	ng	99
74) Fluoranthene	12.14	202	733537	43.101	ng	99
76) Benzidine	12.27	184	374462	46.556	ng	# 94
77) Pyrene	12.37	202	717494	40.431	ng	99
79) Butylbenzylphthalate	13.00	149	391765	43.399	ng	# 79
80) Benzo(a)anthracene	13.55	228	573064	40.858	ng	99
81) 3,3'-Dichlorobenzidine	13.52	252	228245	43.153	ng	# 95
82) Chrysene	13.59	228	574297	41.932	ng	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	461363	39.144	ng	98
84) Di-n-octyl phthalate	14.17	149	990963	45.816	ng	# 91
85) Indeno(1,2,3-cd)pyrene	16.11	276	438937	37.376	ng	98
87) Benzo(b)fluoranthene	14.55	252	580970	45.286	ng	98
88) Benzo(k)fluoranthene	14.57	252	476333	38.964	ng	97
89) Benzo(a)pyrene	14.85	252	480986	40.965	ng	99
90) Dibenzo(a,h)anthracene	16.11	278	358441	37.227	ng	97
91) Benzo(g,h,i)perylene	16.46	276	374555	37.095	ng	99

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

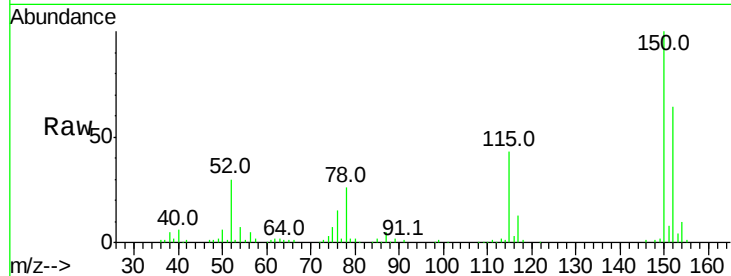


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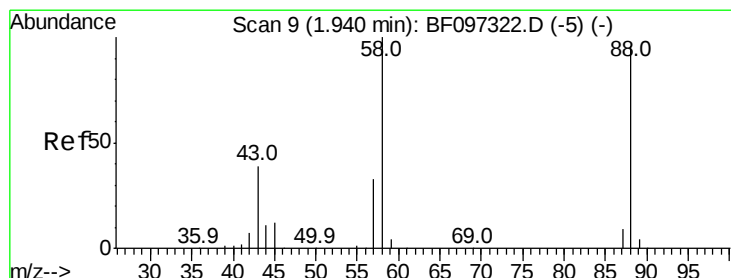
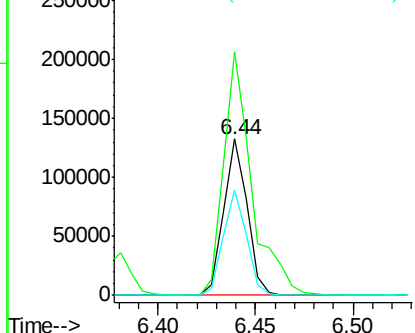
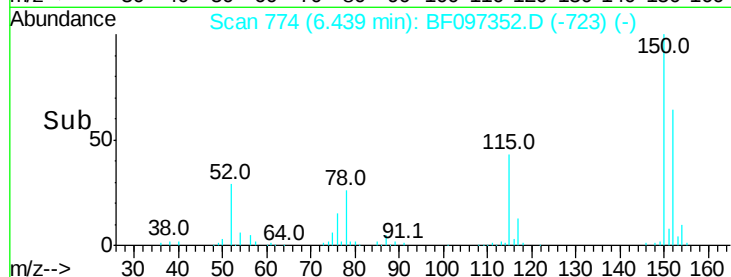
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.44 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 110161
 Ion Ratio Lower Upper
 152 100
 150 155.6 126.2 189.2
 115 67.1 52.2 78.2



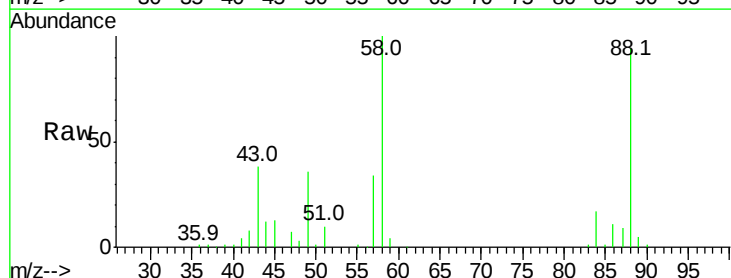
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



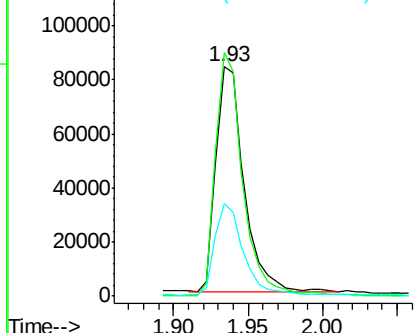
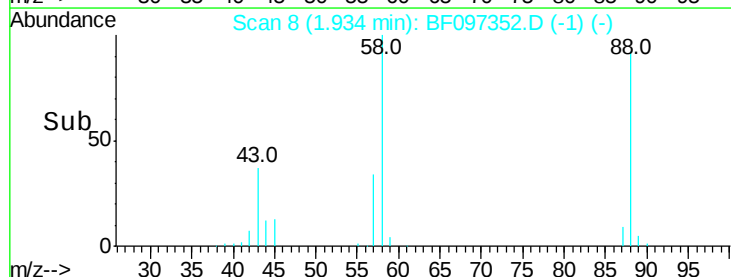
#2

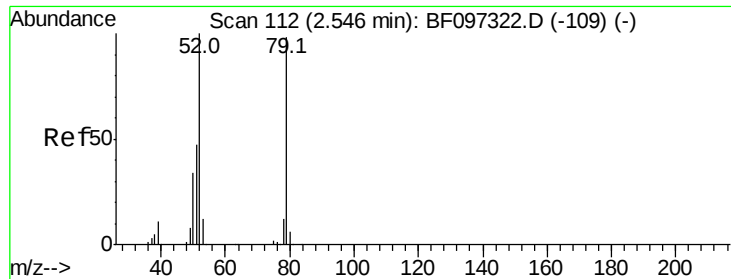
1,4-Dioxane
 Concen: 36.310 ng
 RT: 1.93 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion: 88 Resp: 110728
 Ion Ratio Lower Upper
 88 100
 58 105.2 61.4 92.0#
 43 43.4 23.4 35.0#



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





#3

Pvridine

Concen: 37.636 ng

RT: 2.54 min Scan# 111

Delta R.T. -0.00 min

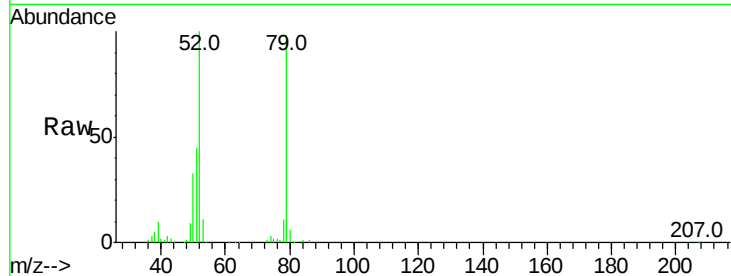
Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :



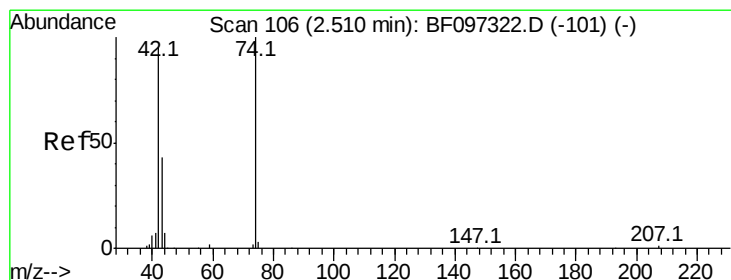
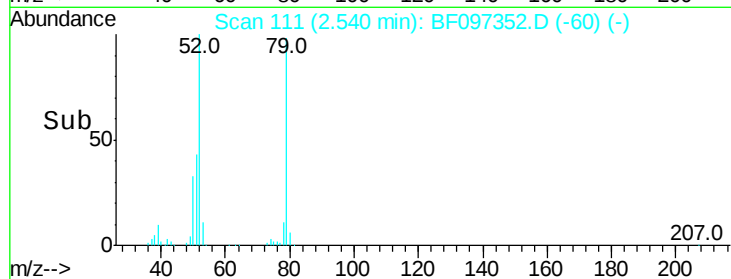
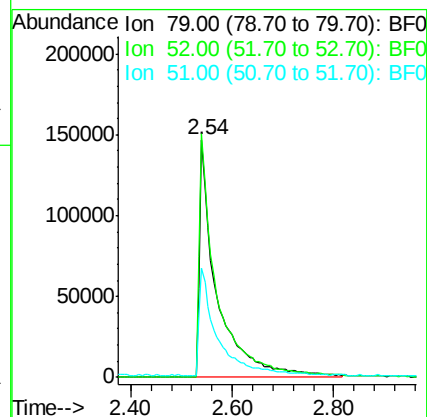
Tot Ion: 79 Resp: 351447

Ion Ratio Lower Upper

79 100

52 102.4 54.8 82.2#

51 45.9 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 38.566 ng

RT: 2.50 min Scan# 105

Delta R.T. 0.01 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

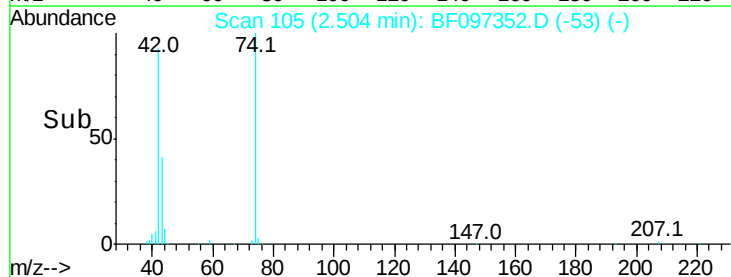
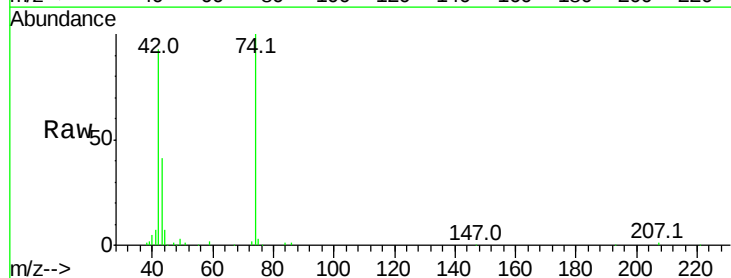
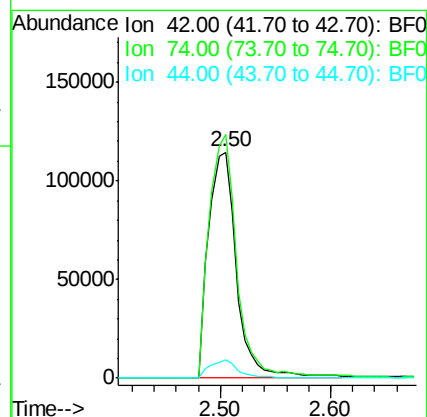
Tgt Ion: 42 Resp: 199509

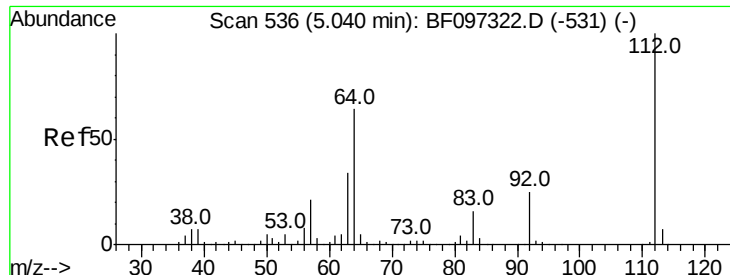
Ion Ratio Lower Upper

42 100

74 107.6 103.9 155.9

44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 84.392 ng

RT: 5.03 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :

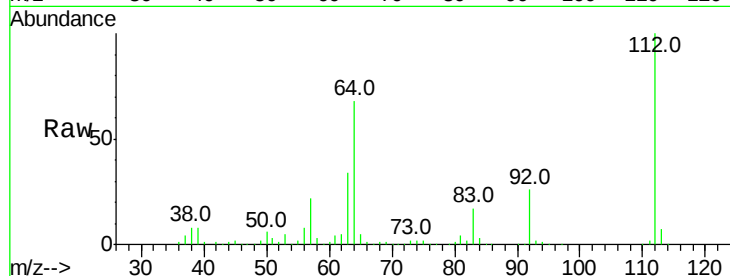
Tot Ion:112 Resp: 616698

Ion Ratio Lower Upper

112 100

64 67.9 46.0 69.0

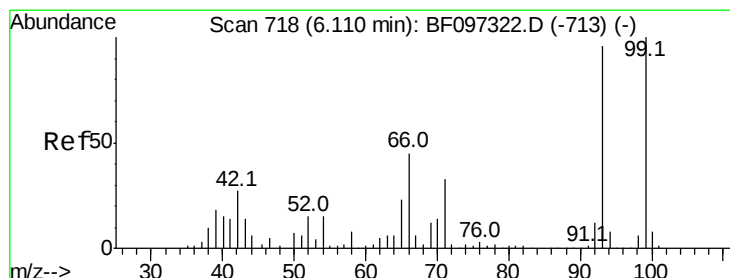
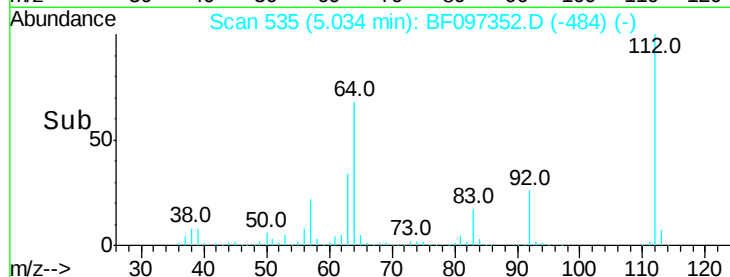
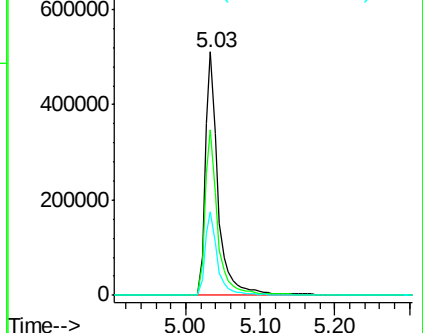
63 34.1 23.4 35.0



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: 38.754 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

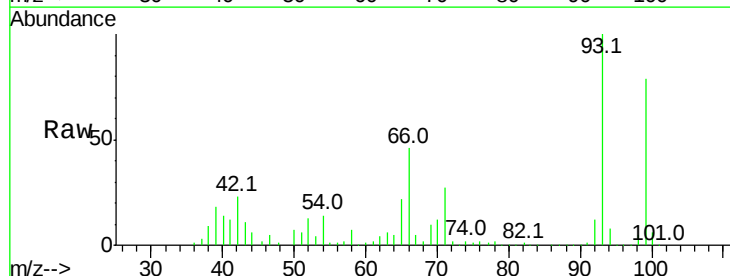
Tgt Ion: 93 Resp: 406844

Ion Ratio Lower Upper

93 100

66 46.1 32.9 49.3

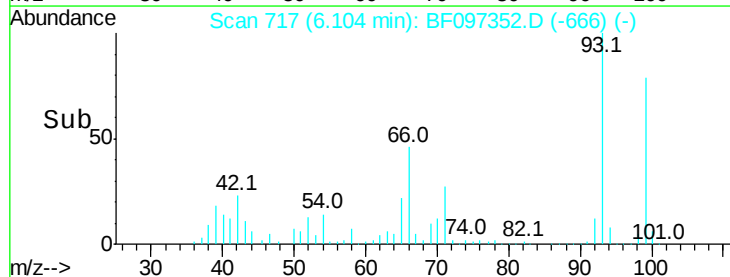
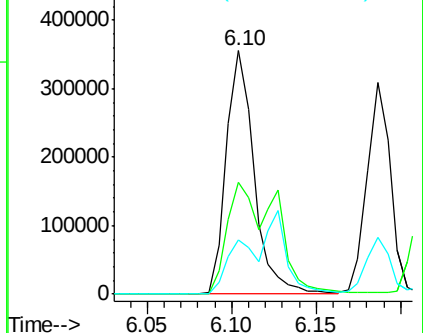
65 22.4 16.0 24.0

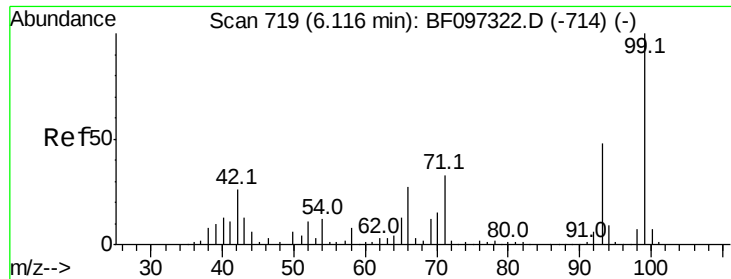


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 74.531 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

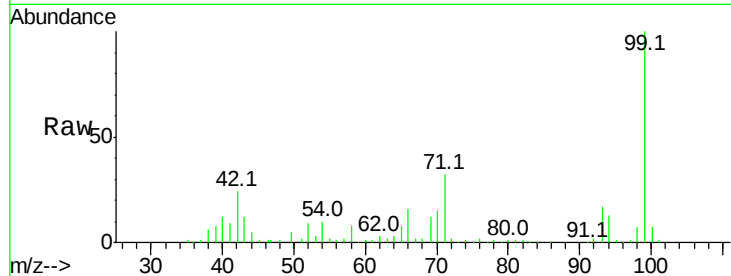
Tot Ion: 99 Resp: 621775

Ion Ratio Lower Upper

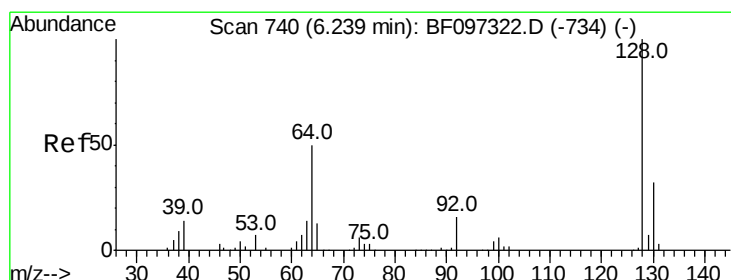
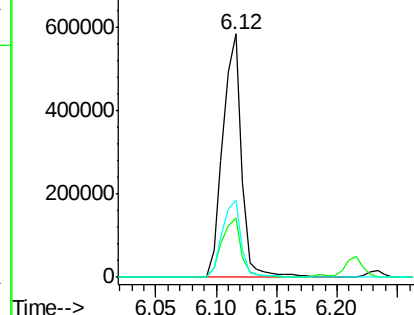
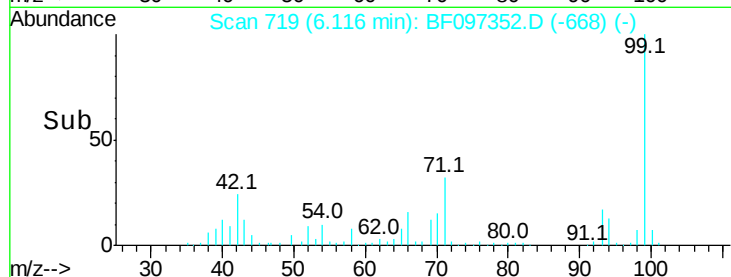
99 100

42 24.3 13.5 20.3#

71 31.9 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: 39.546 ng

RT: 6.23 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

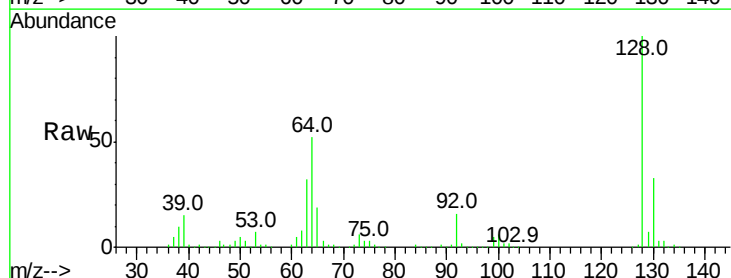
Tgt Ion: 128 Resp: 309008

Ion Ratio Lower Upper

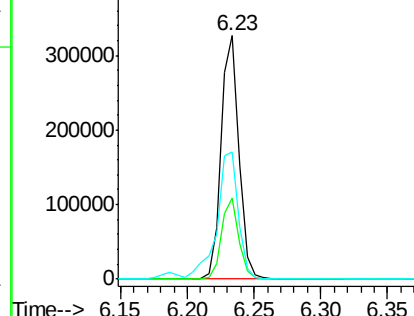
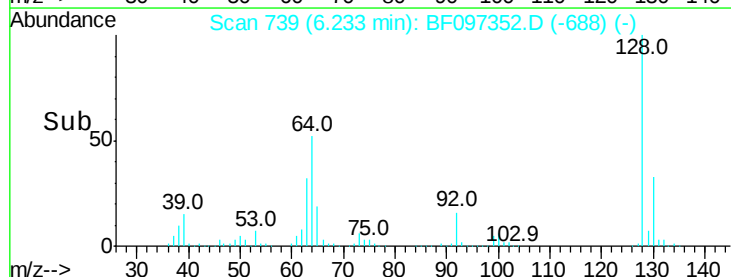
128 100

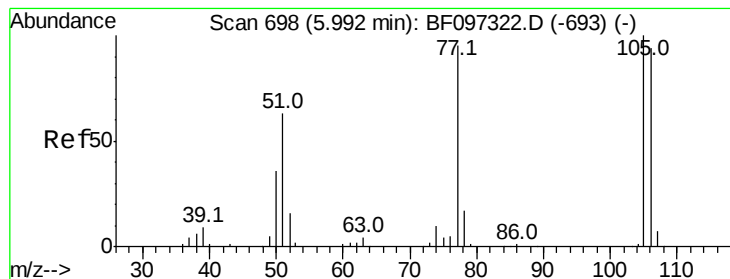
130 33.2 12.9 52.9

64 52.4 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: 49.528 ng

RT: 5.99 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :

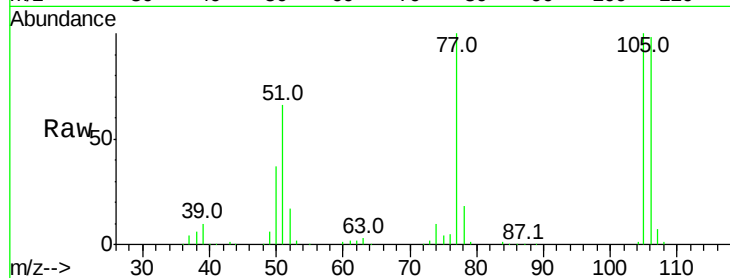
Tot Ion: 77 Resp: 244566

Ion Ratio Lower Upper

77 100

105 99.7 83.8 123.8

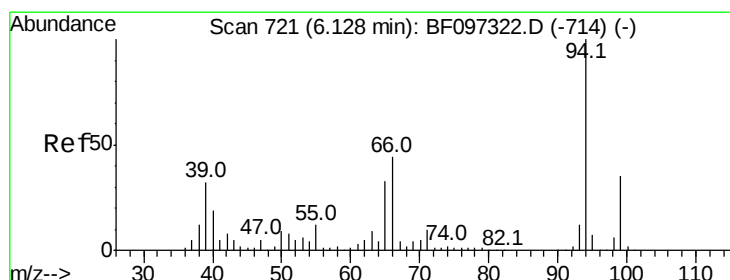
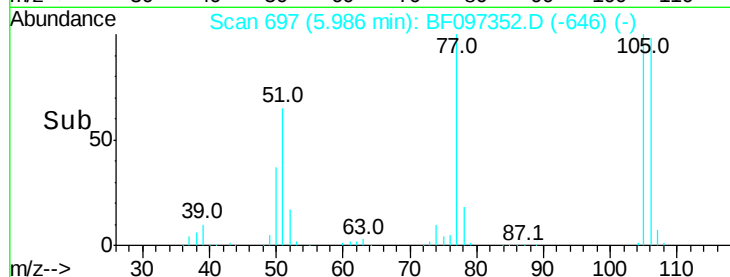
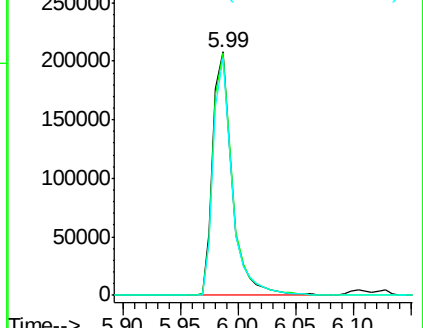
106 97.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.232 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

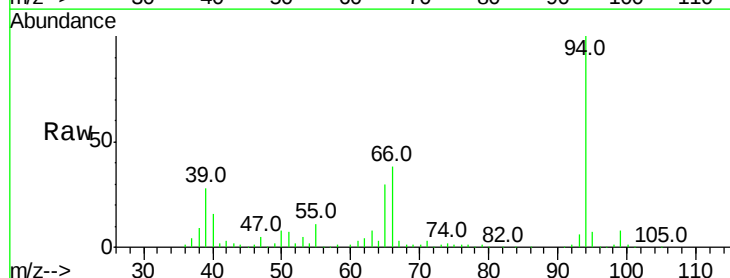
Tgt Ion: 94 Resp: 388222

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

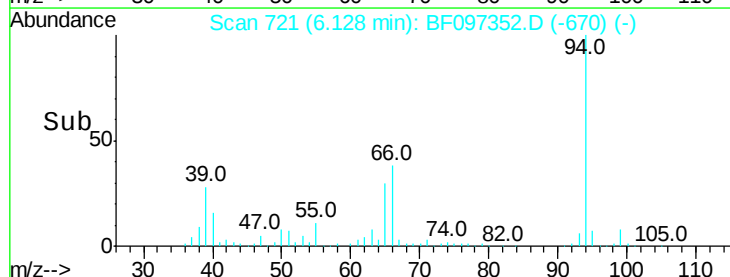
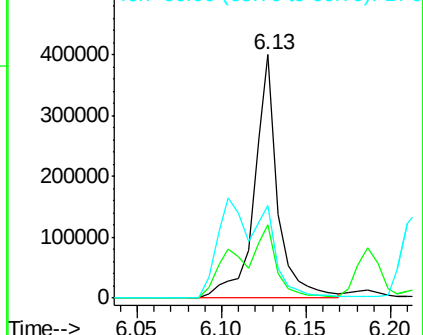
66 37.9 23.1 63.1

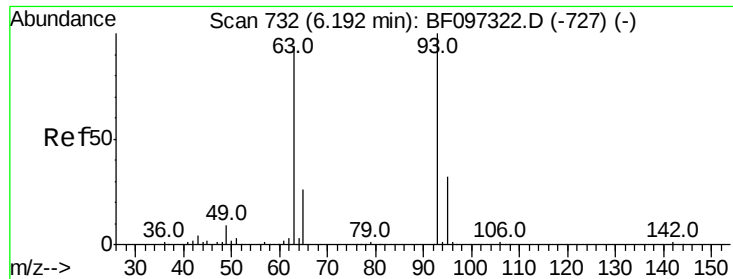


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.725 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

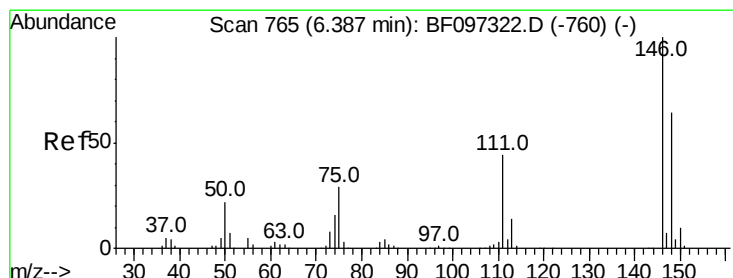
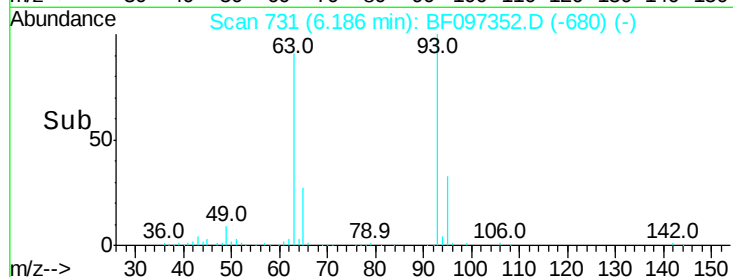
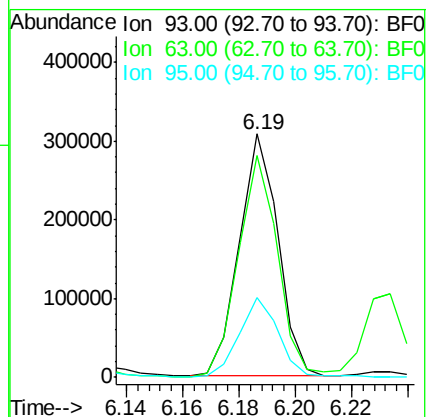
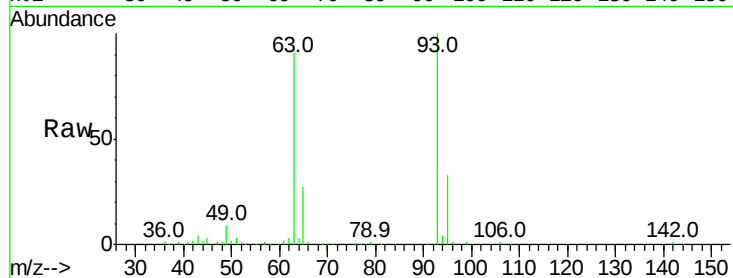
Tot Ion: 93 Resp: 295248

Ion Ratio Lower Upper

93 100

63 91.2 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.187 ng

RT: 6.38 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

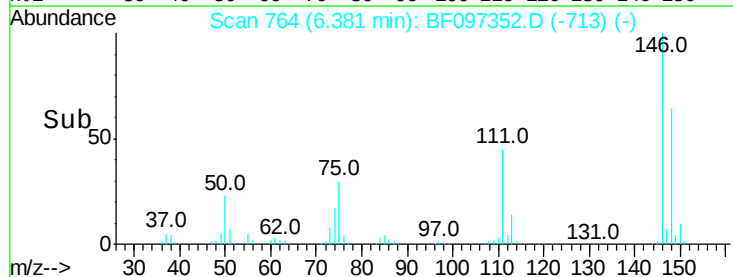
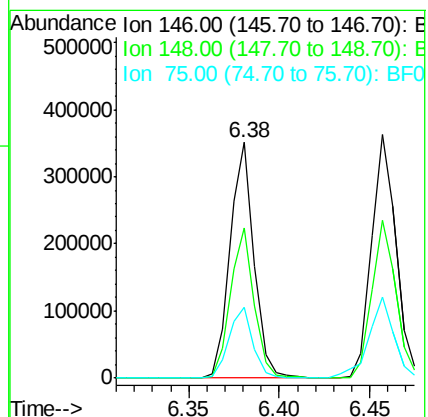
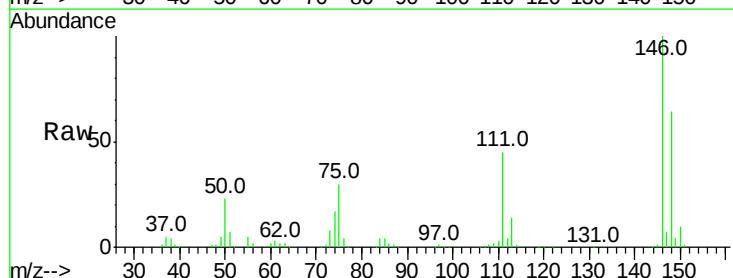
Tgt Ion: 146 Resp: 321559

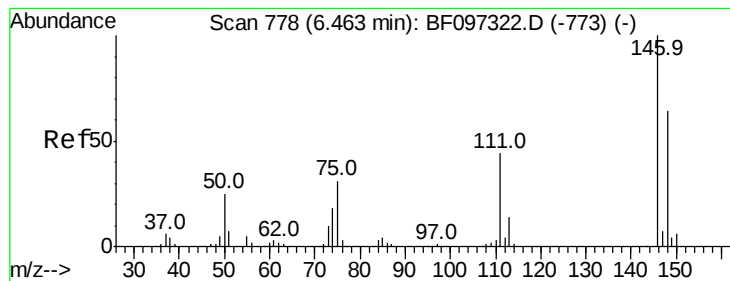
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

75 30.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.404 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :

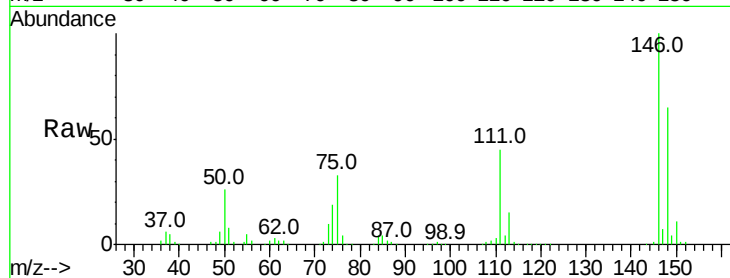
Tot Ion:146 Resp: 345523

Ion Ratio Lower Upper

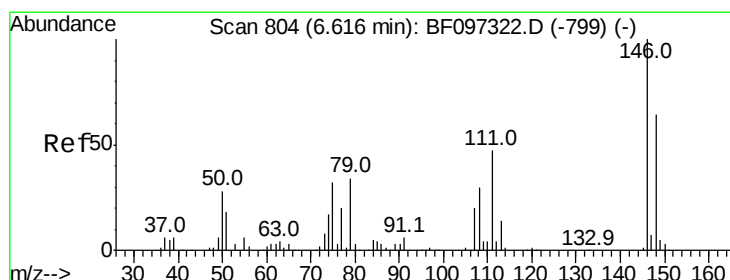
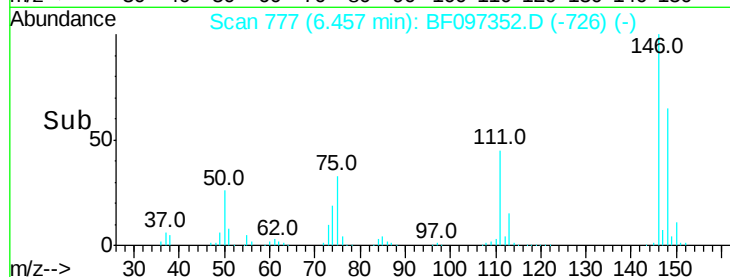
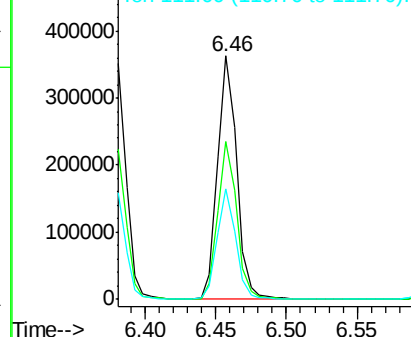
146 100

148 64.8 52.2 78.2

111 45.5 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: 39.985 ng

RT: 6.61 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

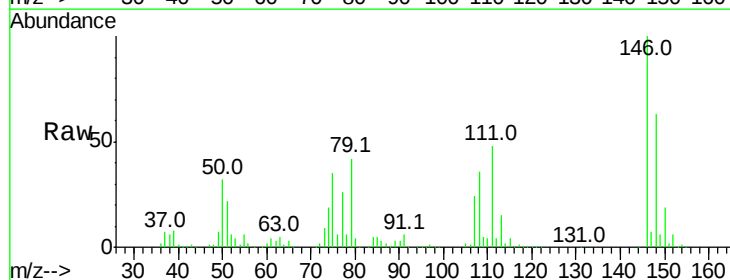
Tgt Ion:146 Resp: 291351

Ion Ratio Lower Upper

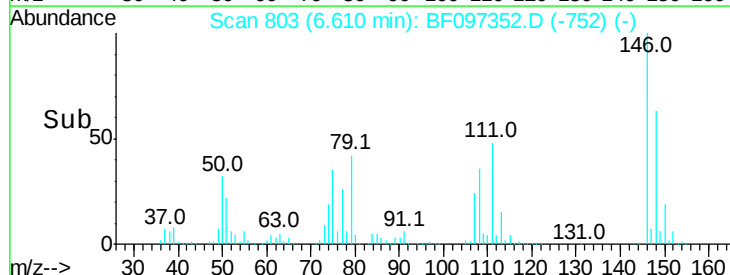
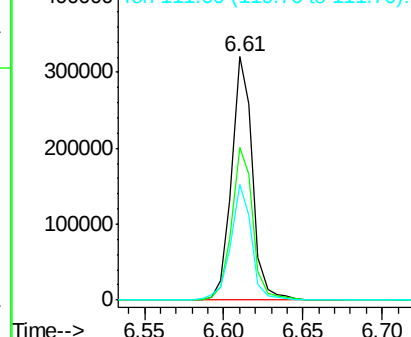
146 100

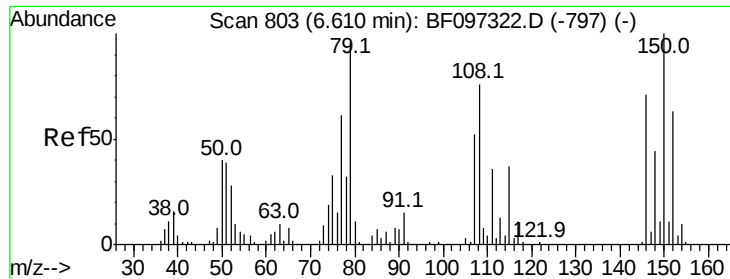
148 62.5 50.4 75.6

111 47.7 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: 42.482 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :
BNA_F
ClientSampled :

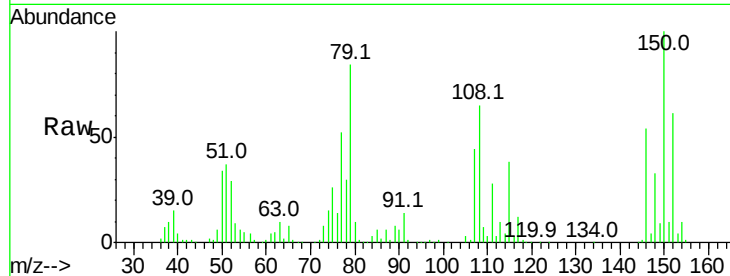
Tot Ion: 79 Resp: 224384

Ion Ratio Lower Upper

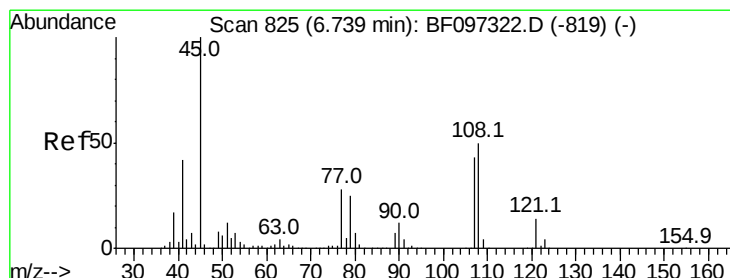
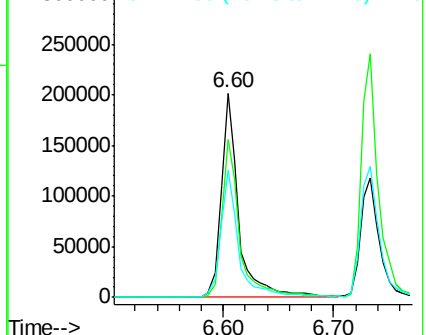
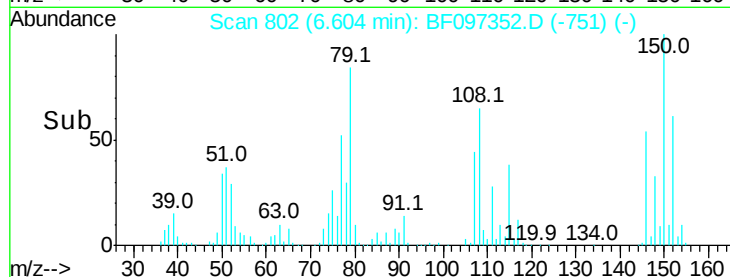
79 100

108 77.5 63.4 95.0

77 62.3 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: 36.812 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

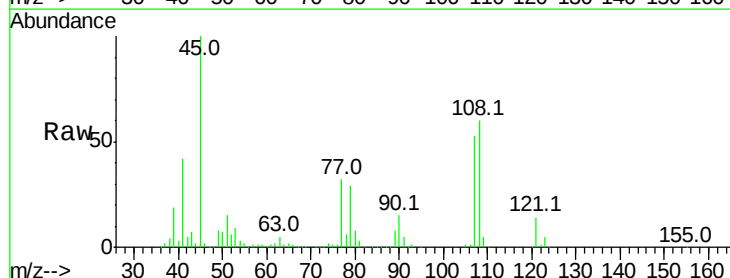
Tgt Ion: 45 Resp: 577856

Ion Ratio Lower Upper

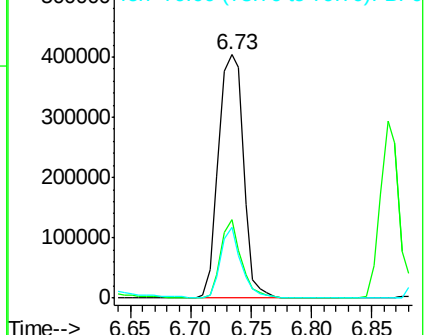
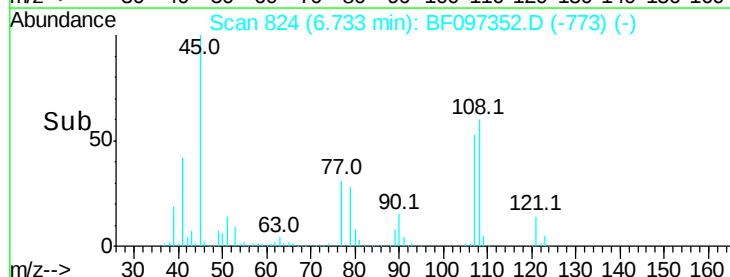
45 100

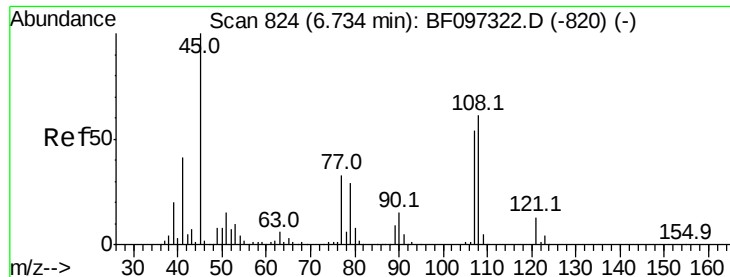
77 32.0 0.0 33.2

79 29.1 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: 37.774 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 227803

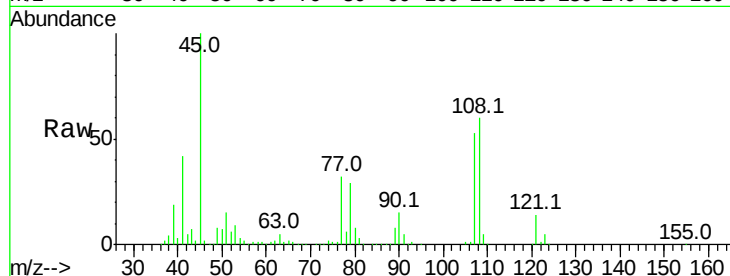
Ion Ratio Lower Upper

107 100

108 112.2 93.4 140.0

77 60.3 35.8 53.6#

79 54.8 34.8 52.2#

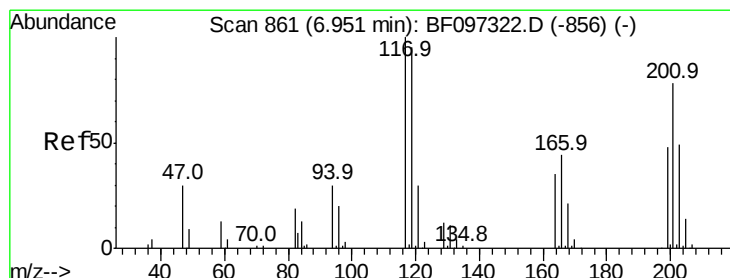
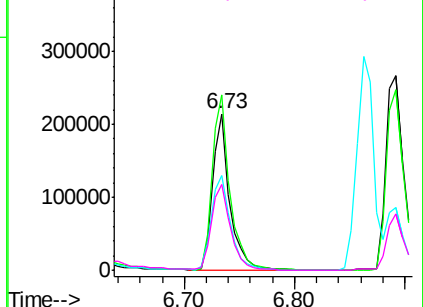
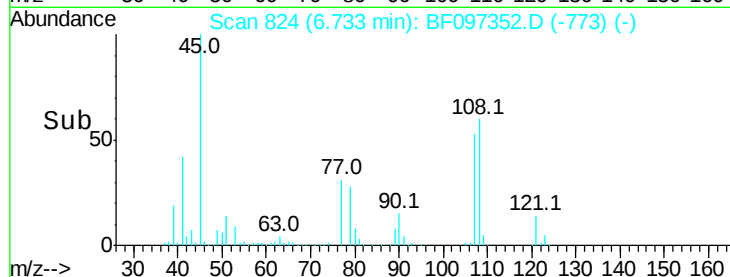


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.108 ng

RT: 6.95 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

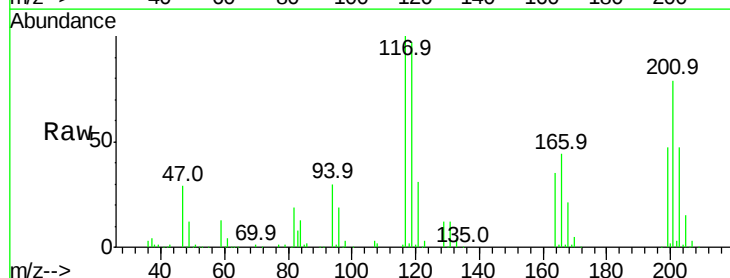
Tgt Ion:117 Resp: 125503

Ion Ratio Lower Upper

117 100

119 96.6 77.4 116.0

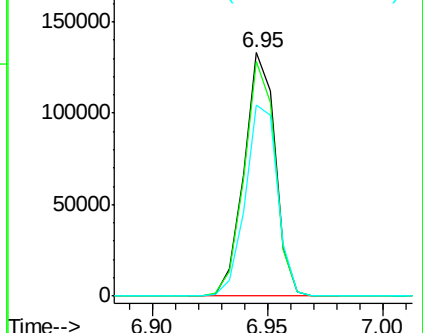
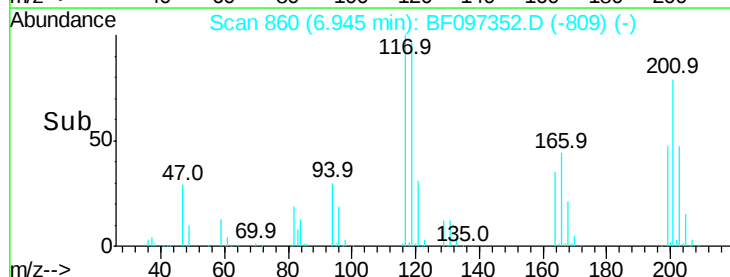
201 78.6 94.6 141.8#

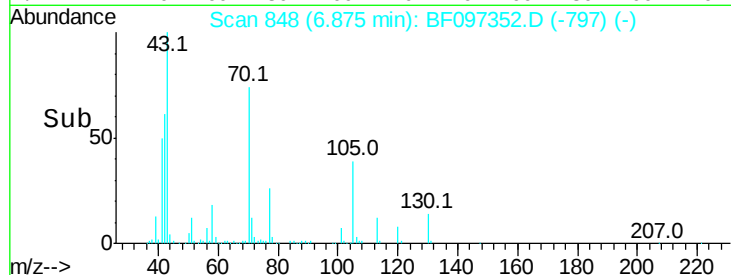
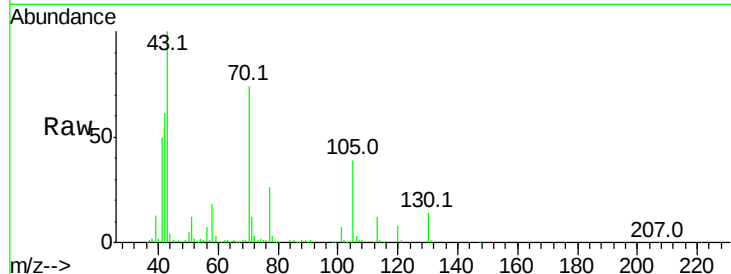
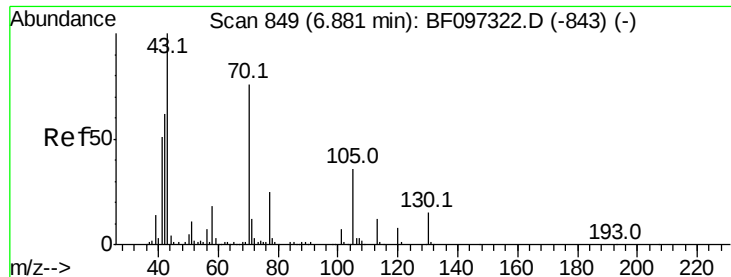


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

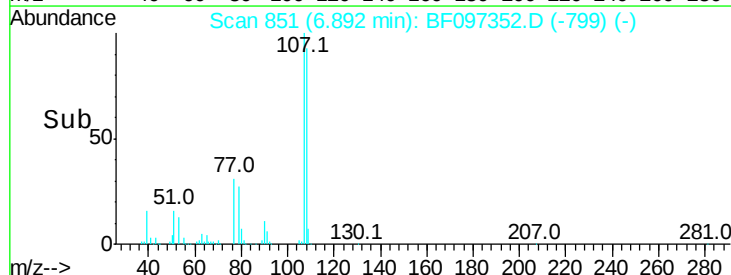
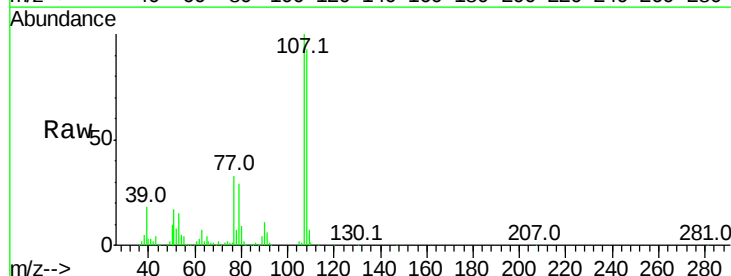
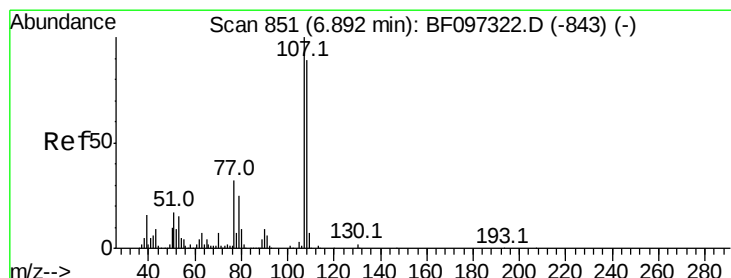
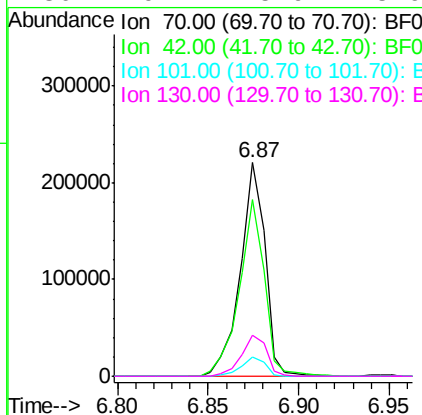




#19
n-Nitroso-di-n-propylamine
Concen: 38.356 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

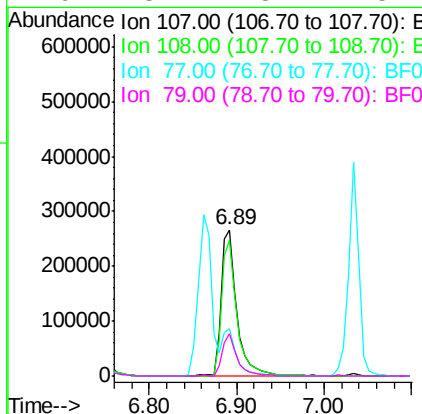
Instrument :
BNA_F
ClientSampleId :

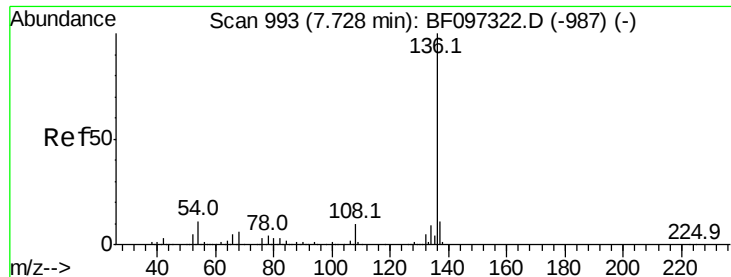
Tot Ion: 70 Resp: 210624
Ion Ratio Lower Upper
70 100
42 82.4 47.2 70.8#
101 8.9 7.2 10.8
130 19.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 42.282 ng
RT: 6.89 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:107 Resp: 333030
Ion Ratio Lower Upper
107 100
108 93.1 71.0 111.0
77 32.6 90.5 130.5#
79 28.7 8.4 48.4

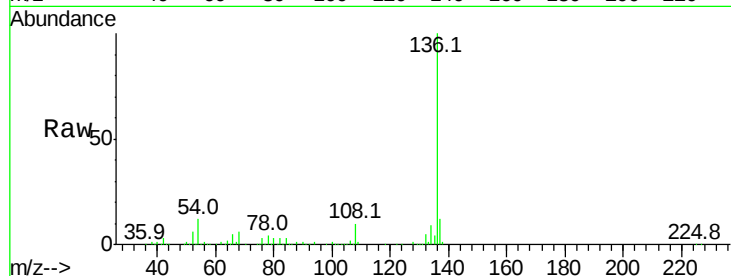




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.72 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	433060
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.5	12.7
54	11.9	4.9	7.3#
68	6.0	4.1	6.1



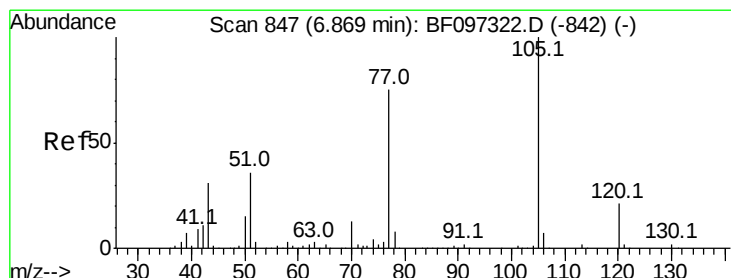
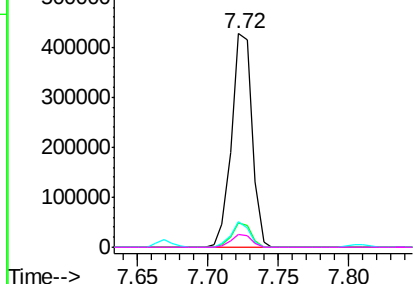
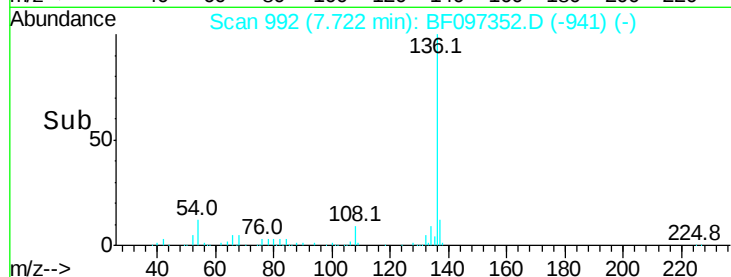
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

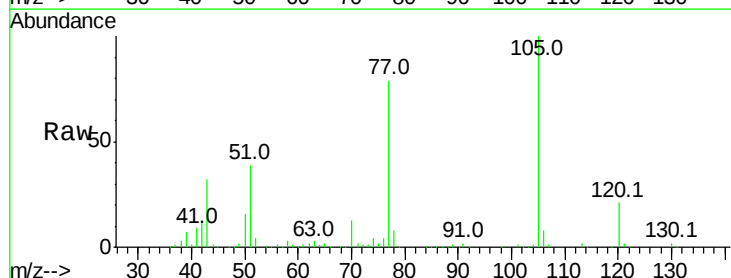
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.712 ng
RT: 6.86 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:	105	Resp:	412999
Ion	Ratio	Lower	Upper
105	100		
71	2.1	2.8	4.2#
51	38.6	30.7	46.1
120	21.5	17.4	26.0



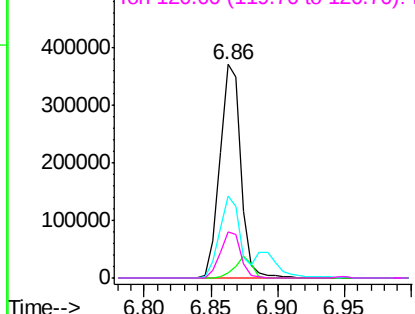
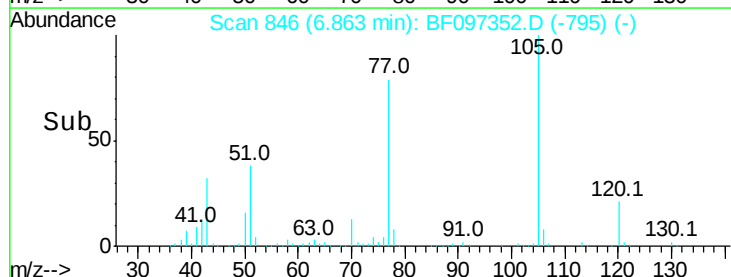
Abundance

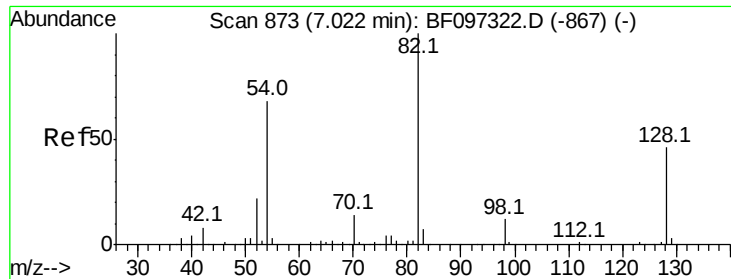
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

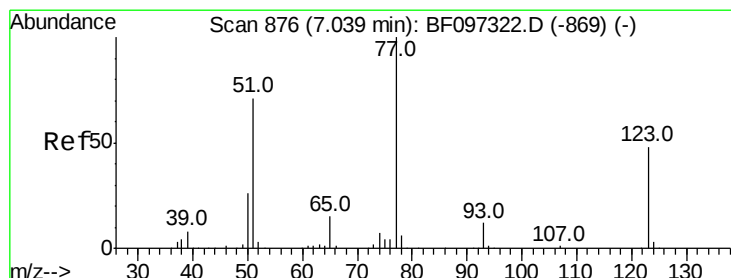
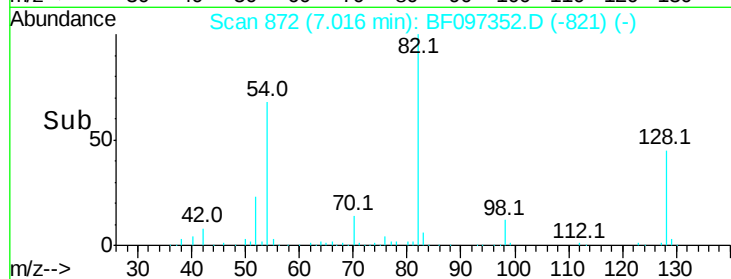
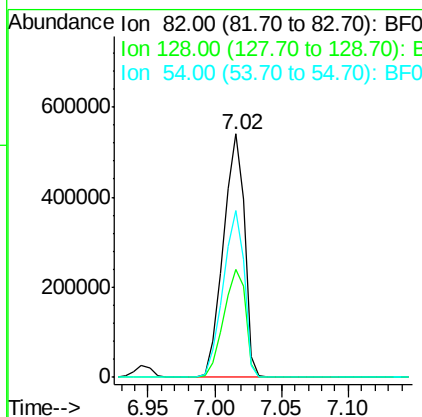
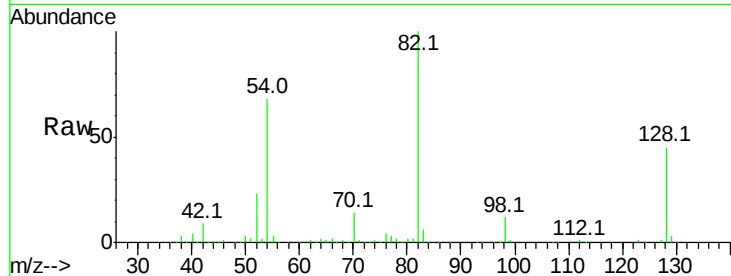




#23
 Nitrobenzene-d5
 Concen: 82.676 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

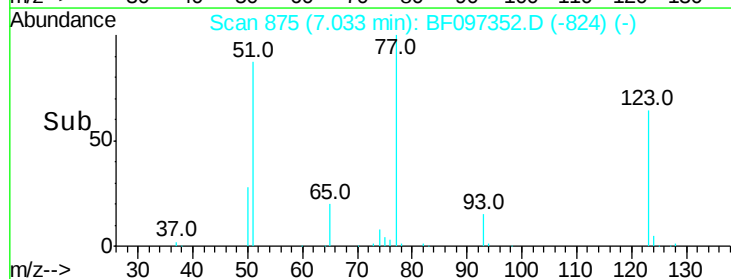
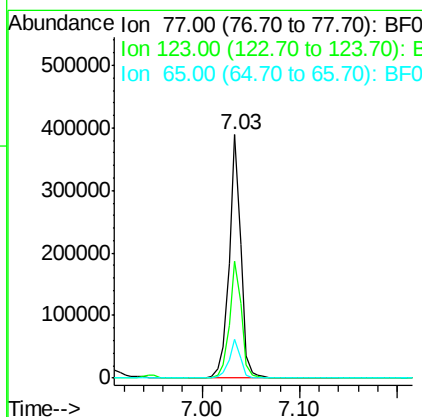
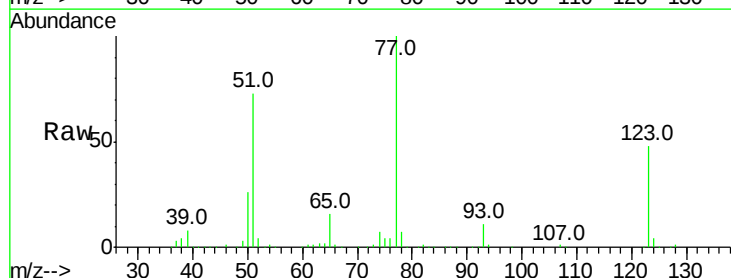
Instrument :
 BNA_F
 ClientSampleId :

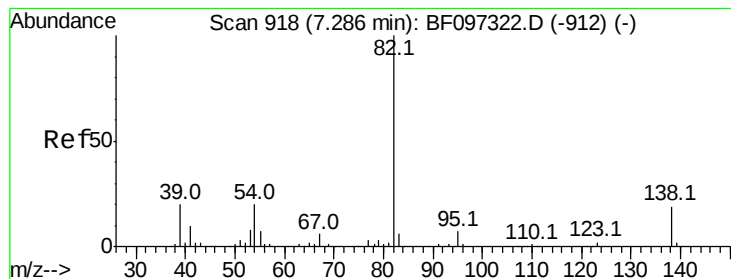
Tot Ion	82	Resp	610321
Ion Ratio	100	Lower	Upper
128	44.6	34.0	51.0
54	68.4	42.2	63.2#



#24
 Nitrobenzene
 Concen: 42.013 ng
 RT: 7.03 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion	77	Resp	323005
Ion Ratio	100	Lower	Upper
123	47.9	35.8	53.8
65	15.8	10.6	15.8





#25

Isophorone

Concen: 37.370 ng

RT: 7.28 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

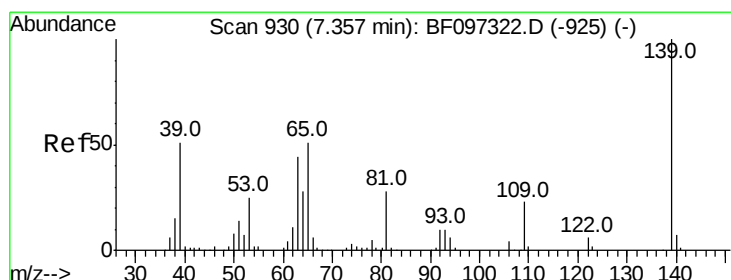
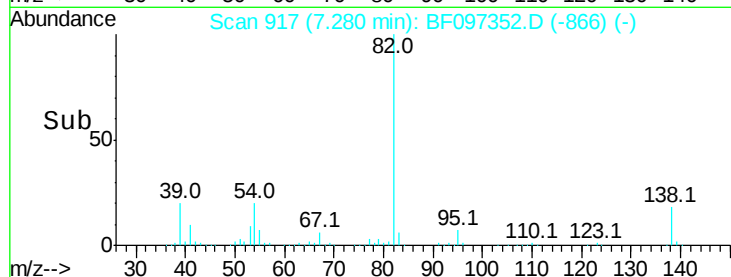
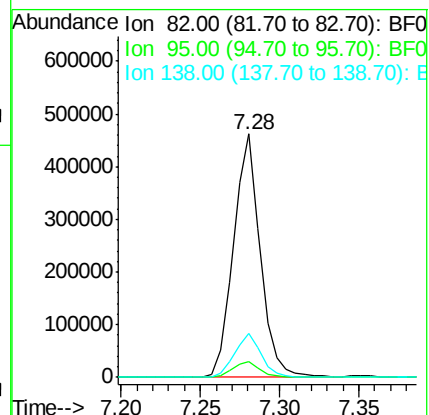
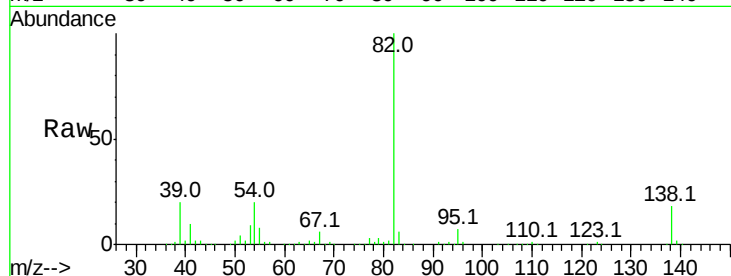
Tot Ion: 82 Resp: 540256

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.1 13.1 19.7



#26

2-Nitrophenol

Concen: 39.540 ng

RT: 7.35 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

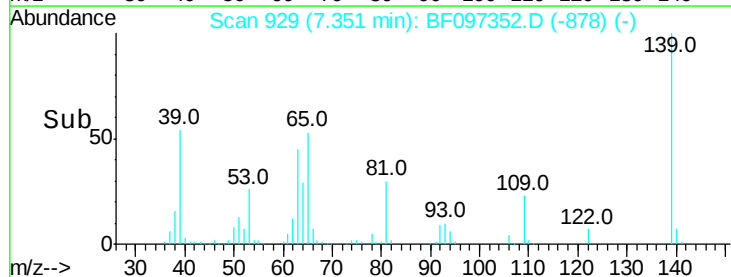
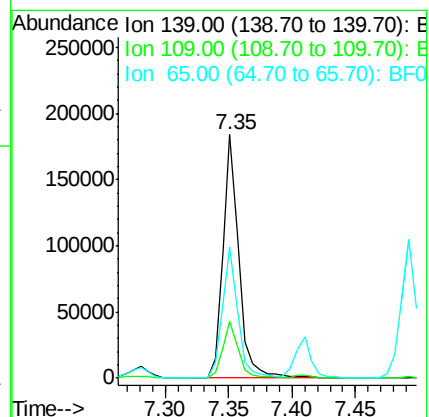
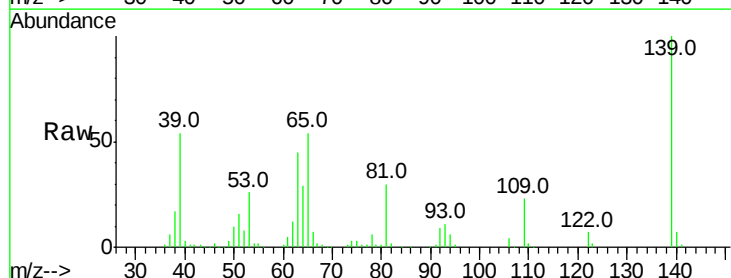
Tgt Ion:139 Resp: 164466

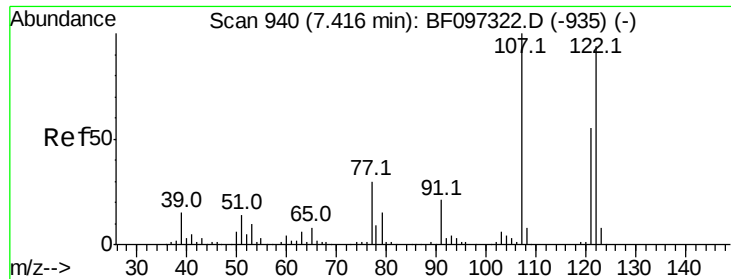
Ion Ratio Lower Upper

139 100

109 23.1 21.0 31.6

65 54.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.549 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampled :

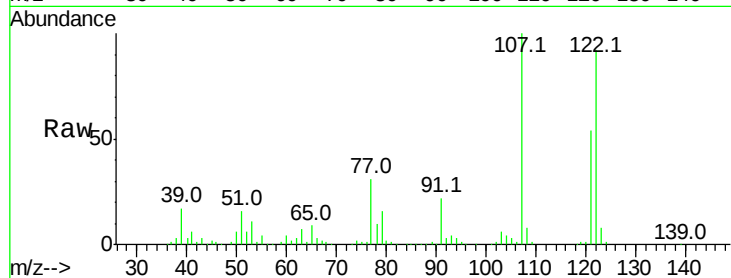
Tot Ion:122 Resp: 271362

Ion Ratio Lower Upper

122 100

107 108.1 89.2 133.8

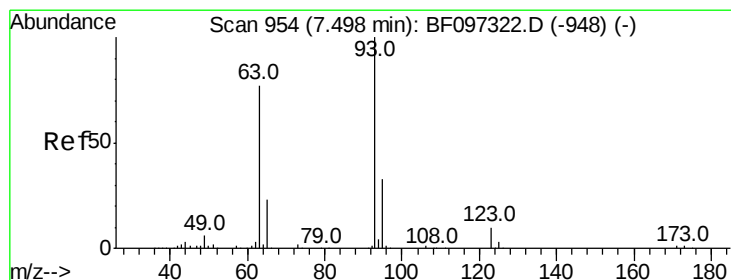
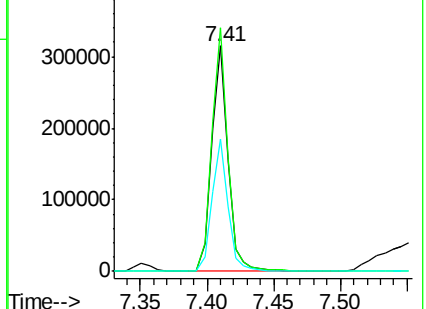
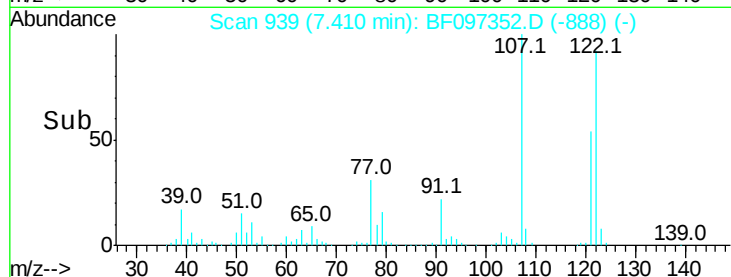
121 58.7 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.268 ng

RT: 7.49 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

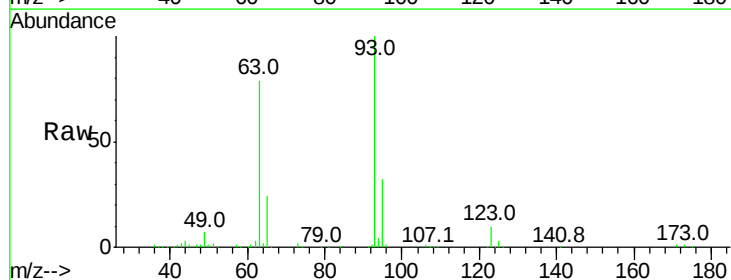
Tgt Ion: 93 Resp: 379899

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

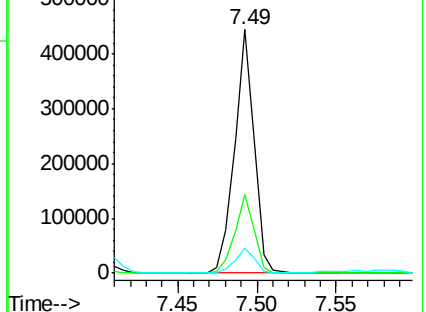
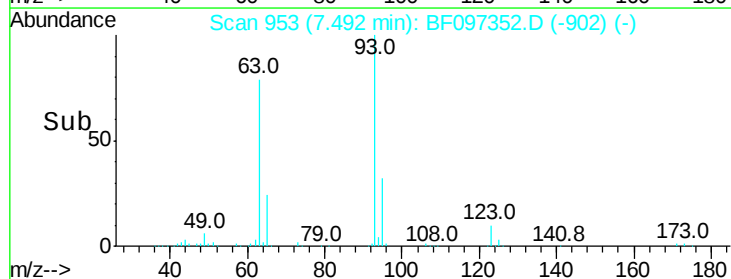
123 10.4 9.0 13.4

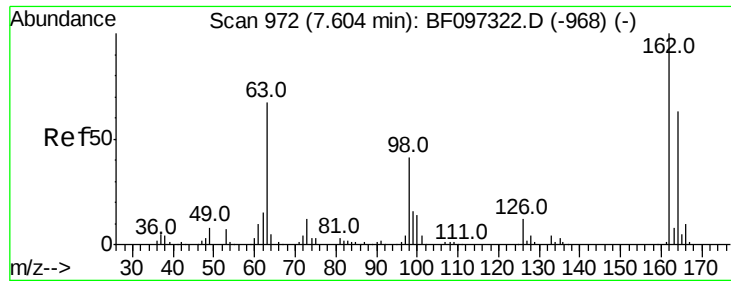


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

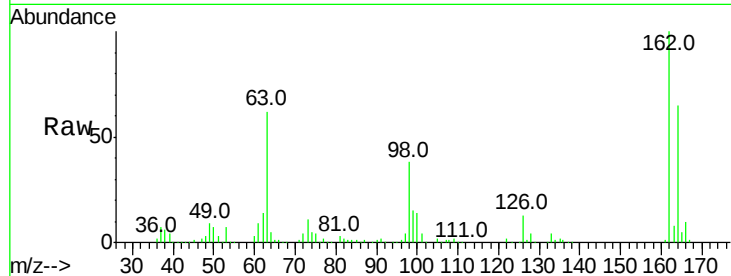




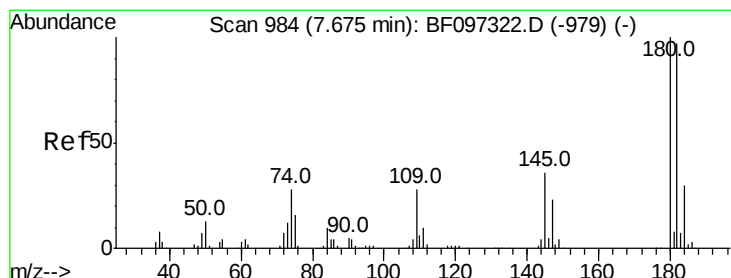
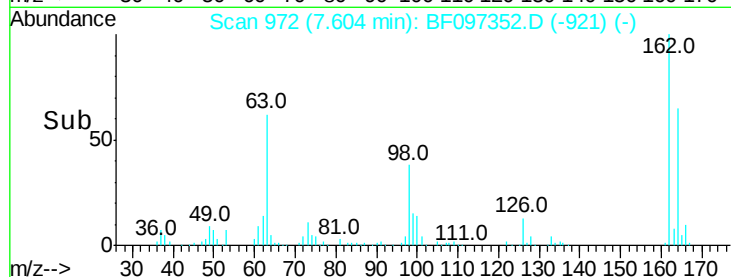
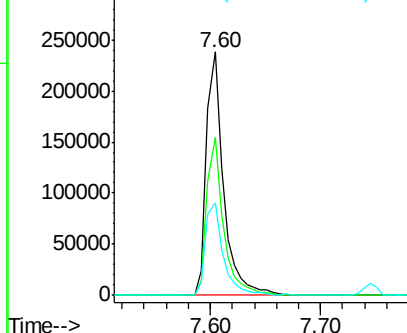
#29
 2,4-Dichlorophenol
 Concen: 42.274 ng
 RT: 7.60 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	38.0	14.8	54.8

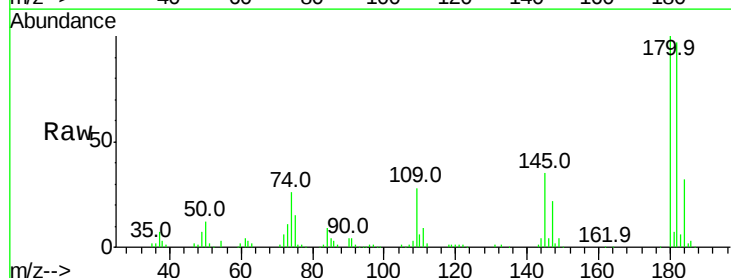


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

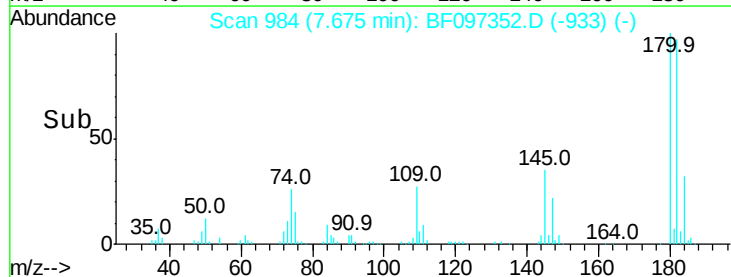
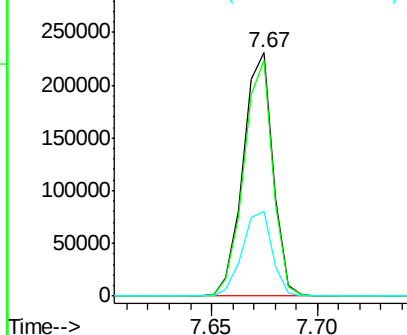


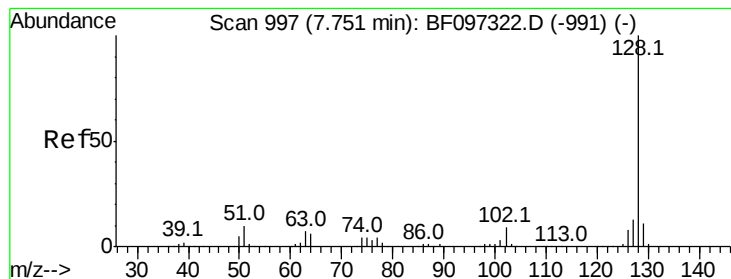
#30
 1,2,4-Trichlorobenzene
 Concen: 40.040 ng
 RT: 7.67 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.8	113.6
145	35.0	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: 43.777 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

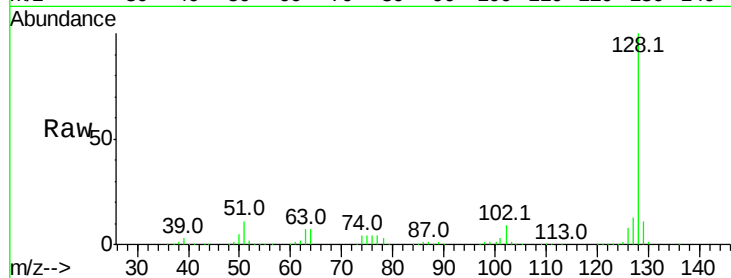
Tot Ion:128 Resp: 893653

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

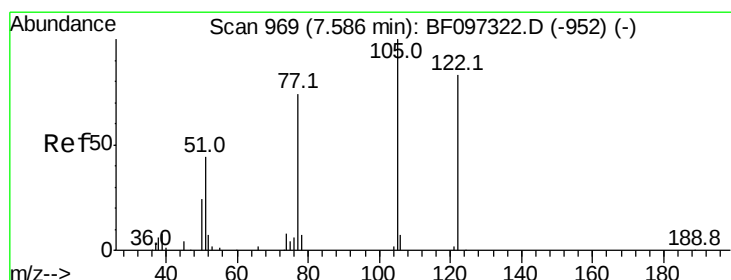
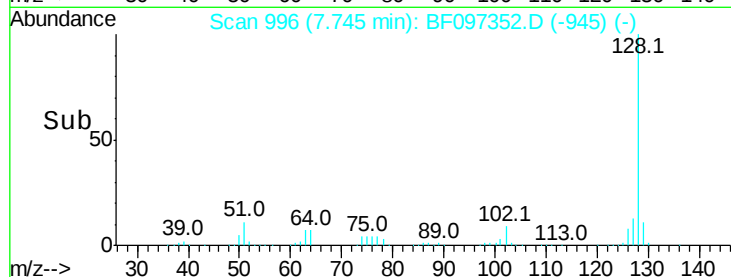
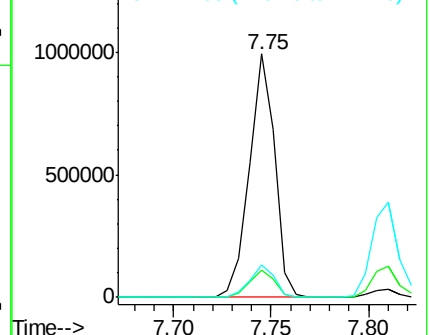
127 13.3 10.8 16.2



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: 39.028 ng

RT: 7.59 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

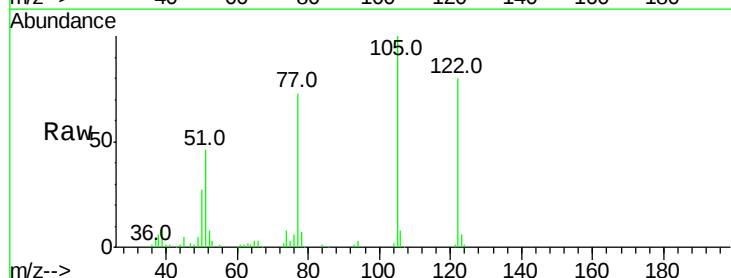
Tgt Ion:122 Resp: 199963

Ion Ratio Lower Upper

122 100

105 124.3 103.3 143.3

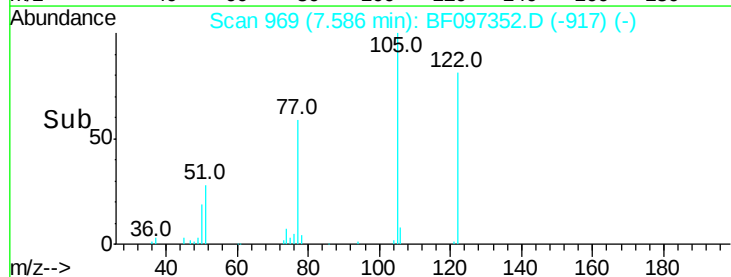
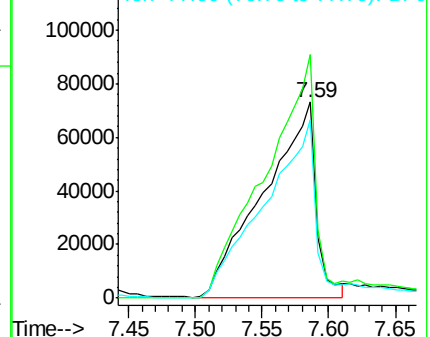
77 91.1 73.7 113.7

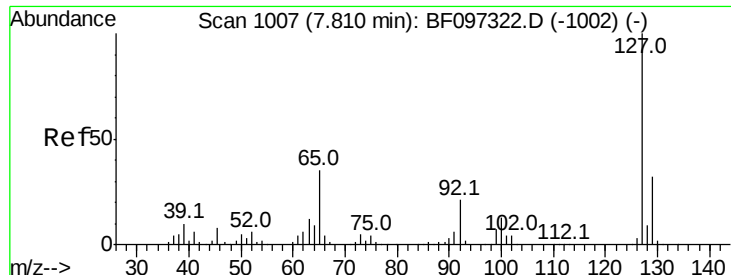


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

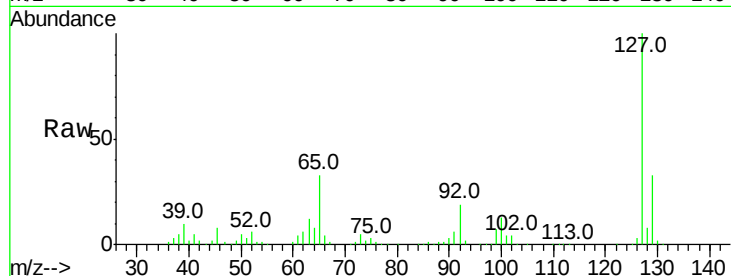




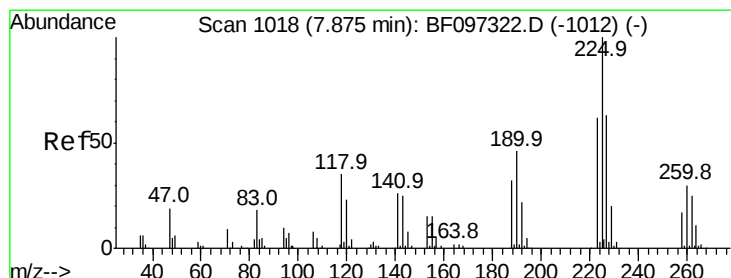
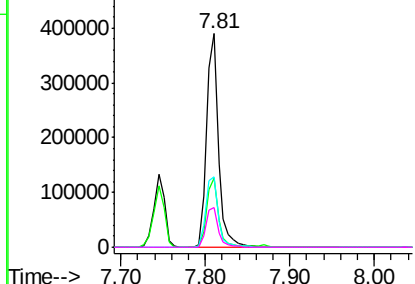
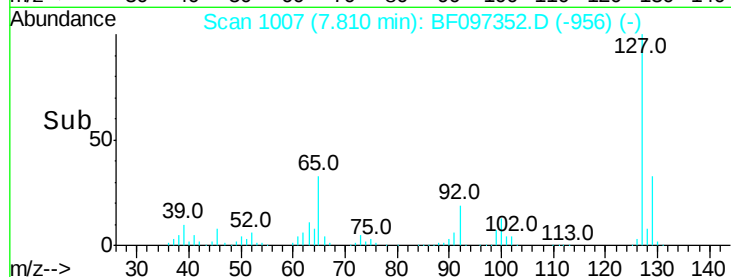
#33
 4-Chloroaniline
 Concen: 46.077 ng
 RT: 7.81 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	382733
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	32.9	27.8	41.8
92	18.9	16.8	25.2

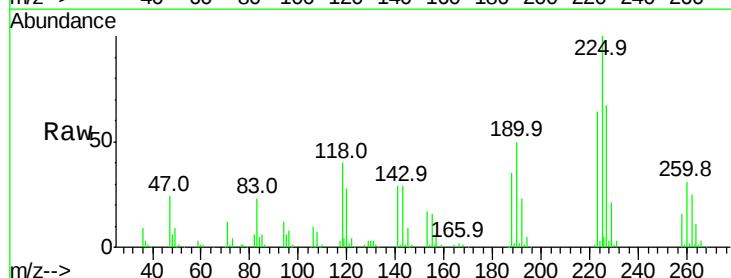


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

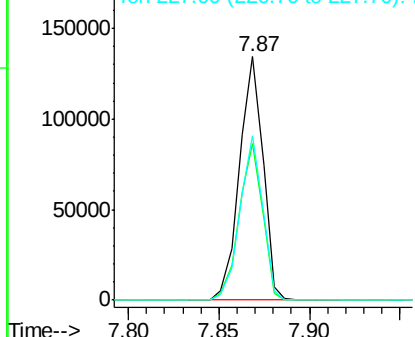
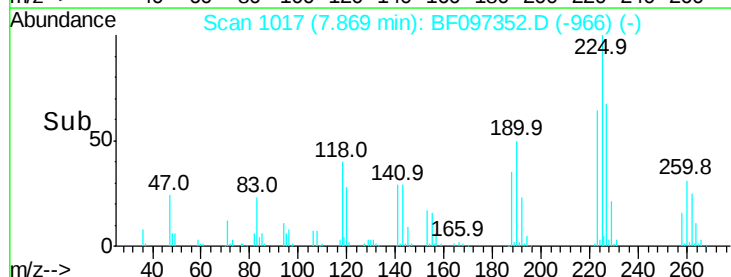


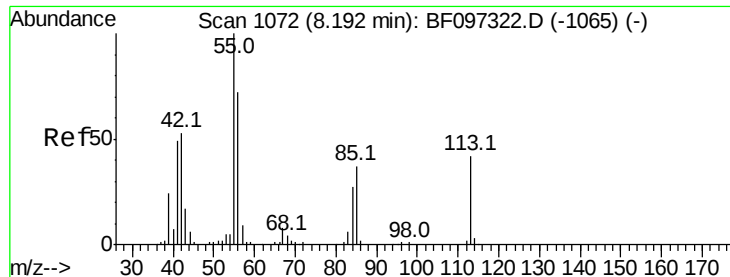
#34
 Hexachlorobutadiene
 Concen: 40.587 ng
 RT: 7.87 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:	225	Resp:	121230
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	67.4	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





#35

Caprolactam

Concen: 31.489 ng

RT: 8.19 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

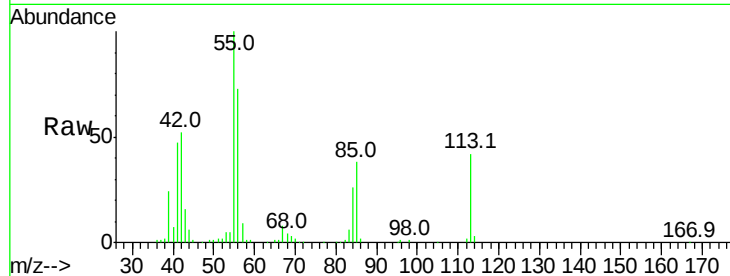
Tot Ion:113 Resp: 59684

Ion Ratio Lower Upper

113 100

55 239.7 150.2 190.2#

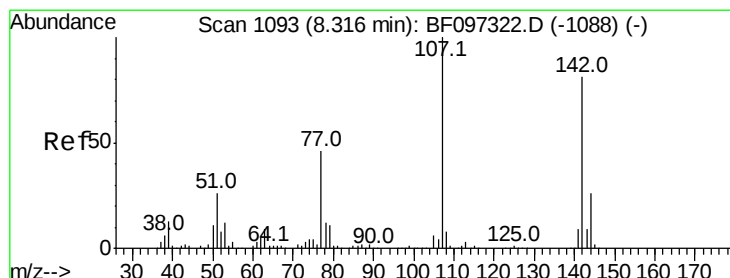
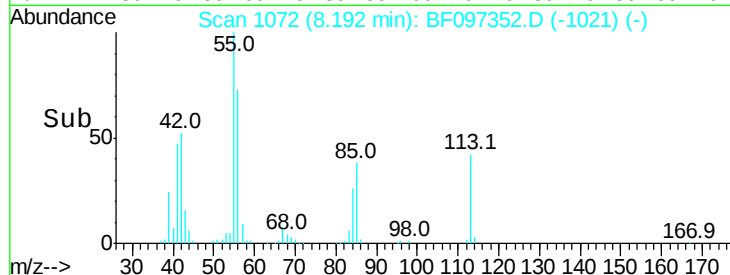
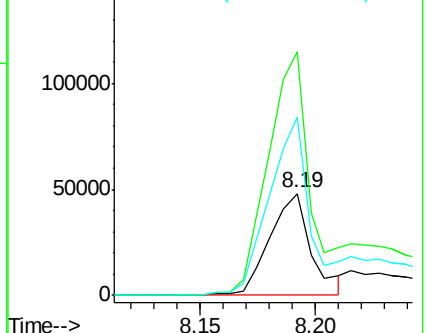
56 175.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.084 ng

RT: 8.32 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

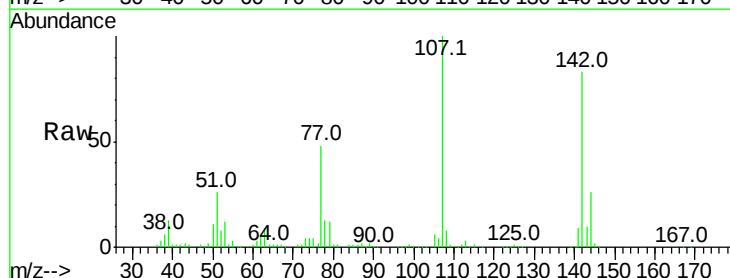
Tgt Ion:107 Resp: 252040

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

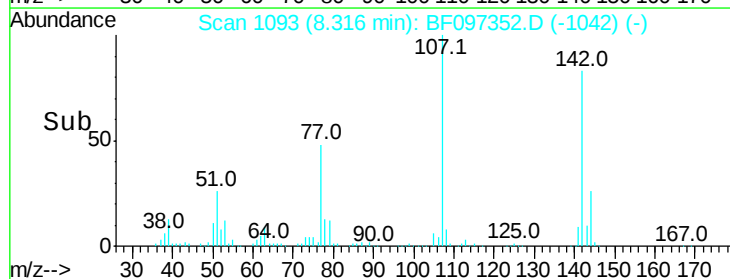
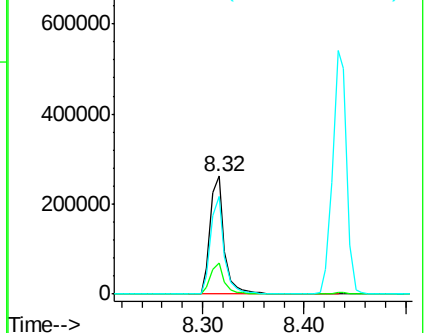
142 82.7 73.4 110.0

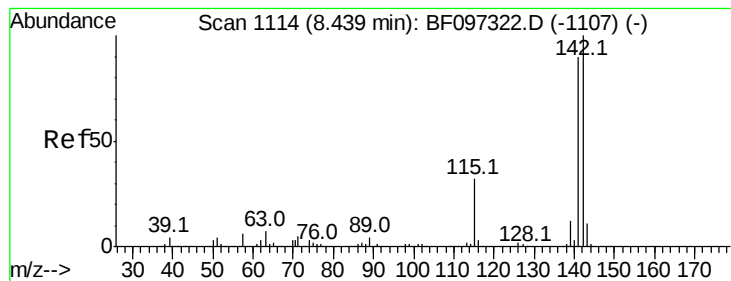


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.432 ng

RT: 8.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

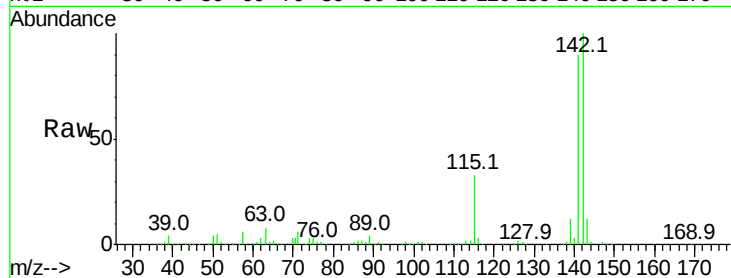
Tot Ion:142 Resp: 522586

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

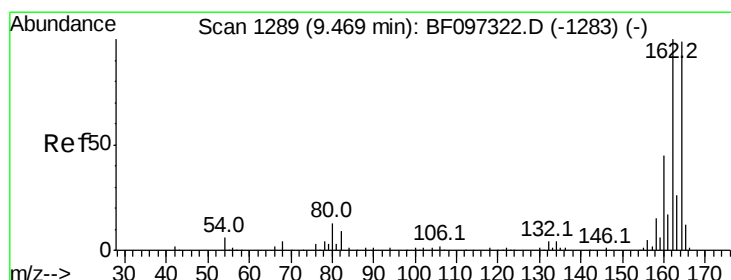
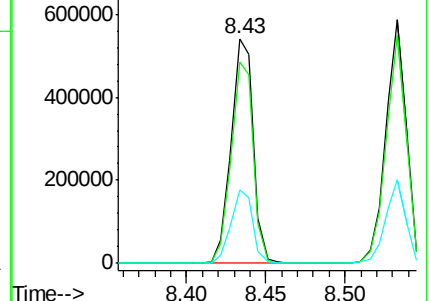
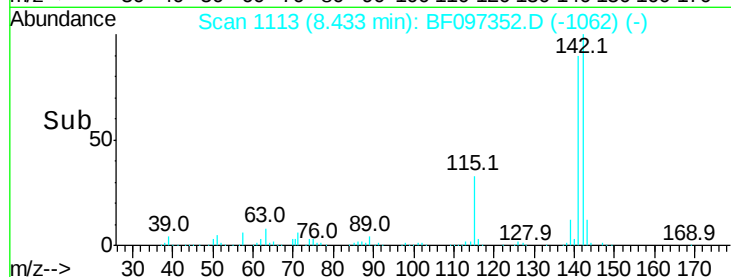
115 32.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.47 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

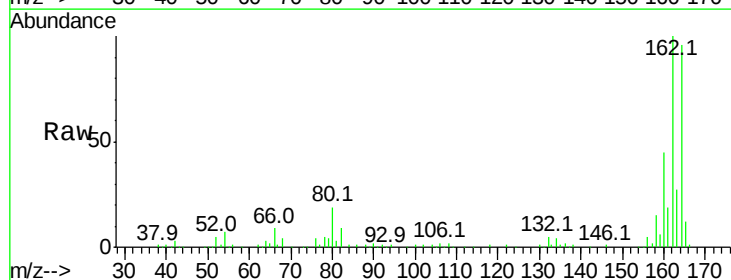
Tgt Ion:164 Resp: 184185

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

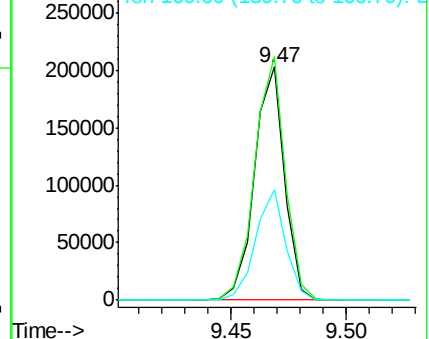
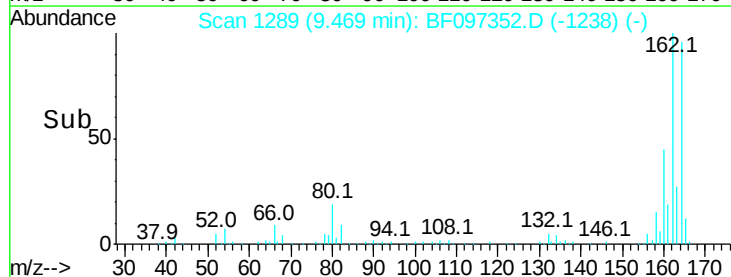
160 47.3 36.2 54.2

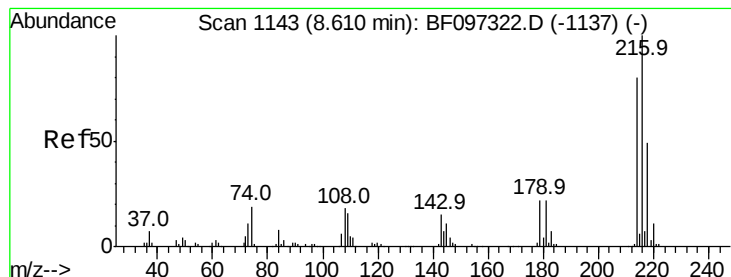


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.486 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 208798

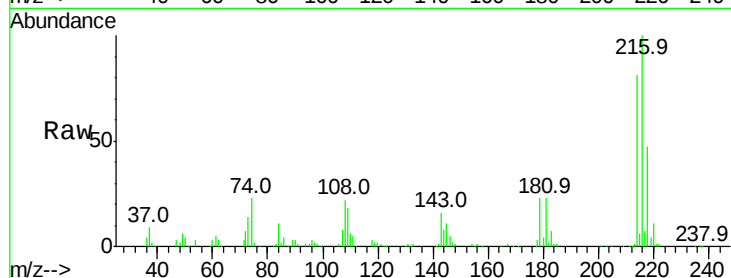
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.4 17.9 26.9

108 21.8 16.5 24.7

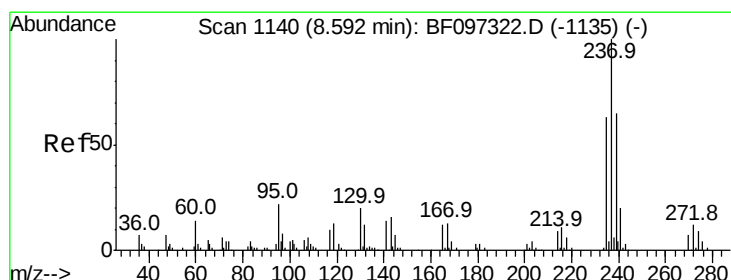
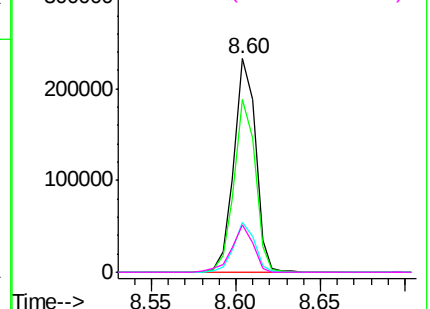
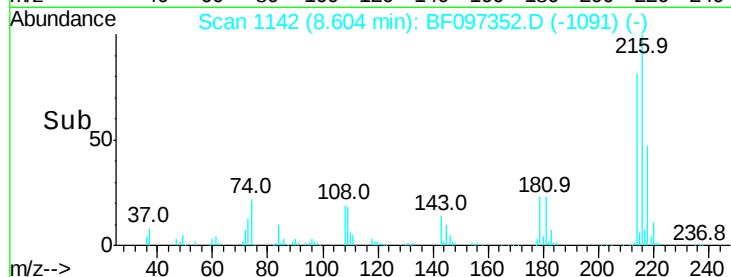


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.340 ng

RT: 8.59 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

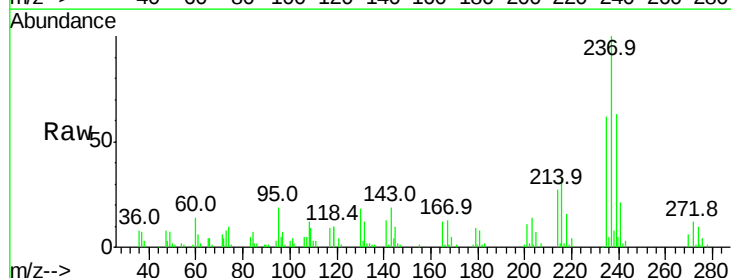
Tgt Ion:237 Resp: 59461

Ion Ratio Lower Upper

237 100

235 61.8 42.6 82.6

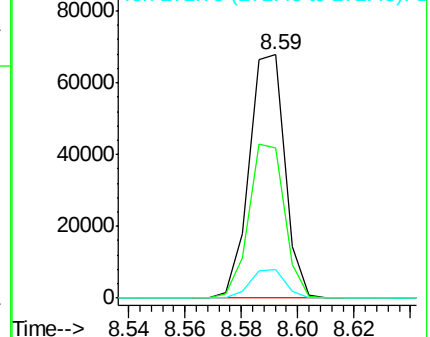
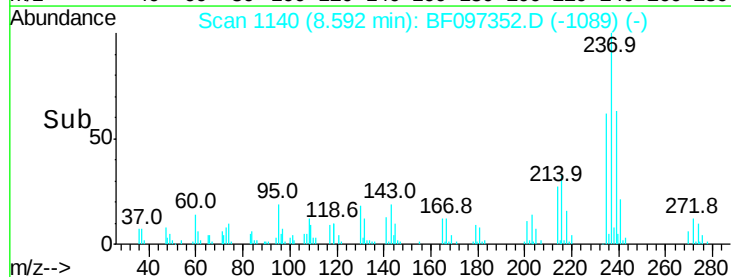
272 11.7 0.0 31.9

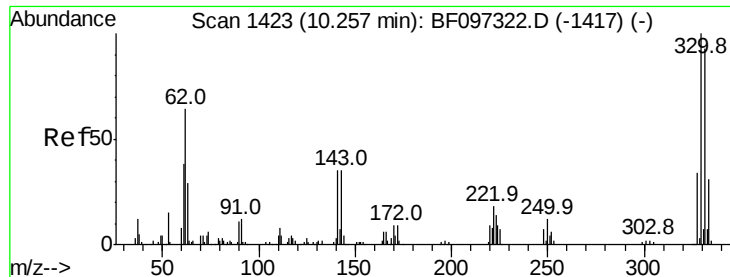


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

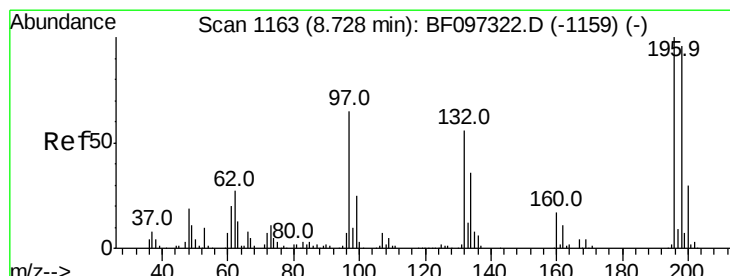
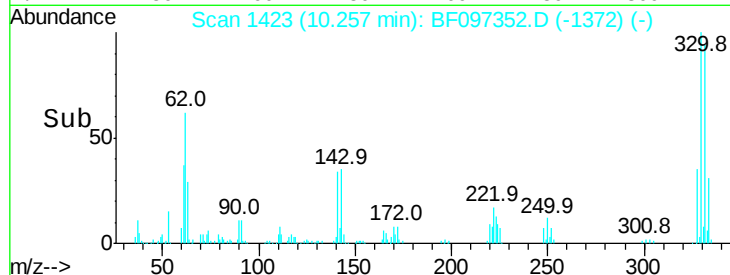
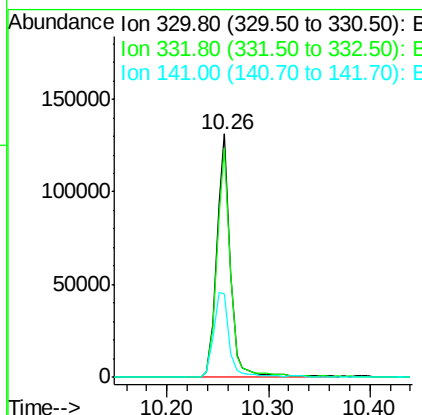
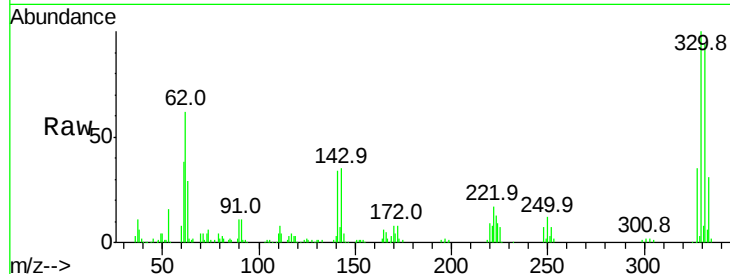




#41
 2,4,6-Tribromophenol
 Concen: 85.320 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

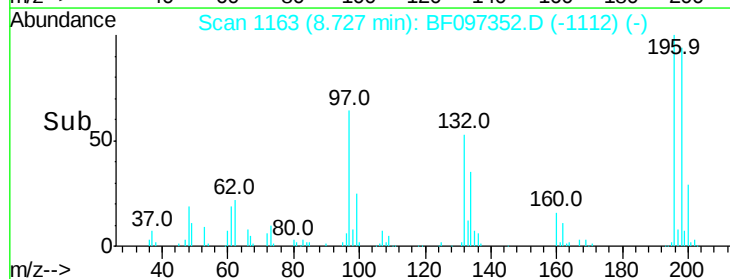
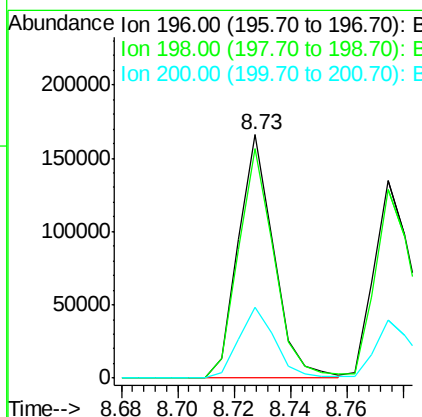
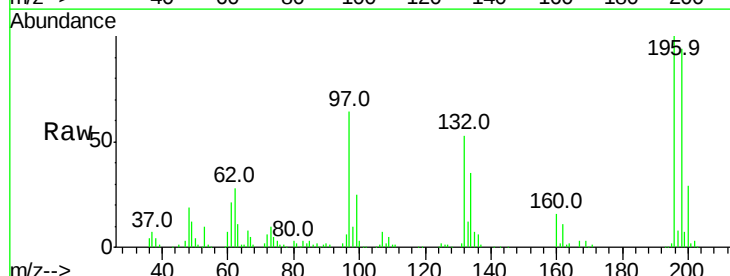
Instrument :
 BNA_F
 ClientSampleId :

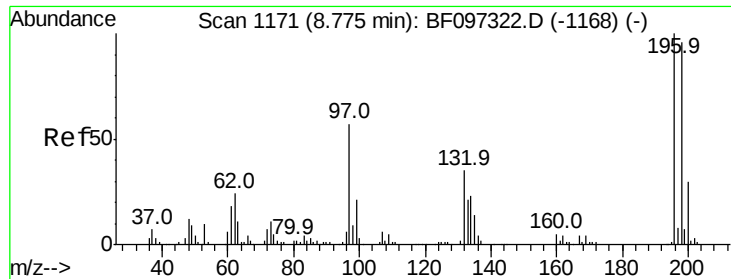
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	40.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.759 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	29.0	24.0	36.0

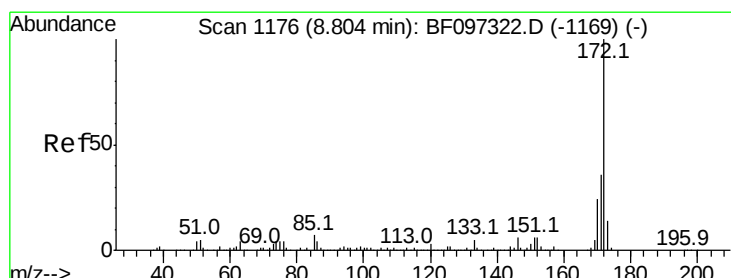
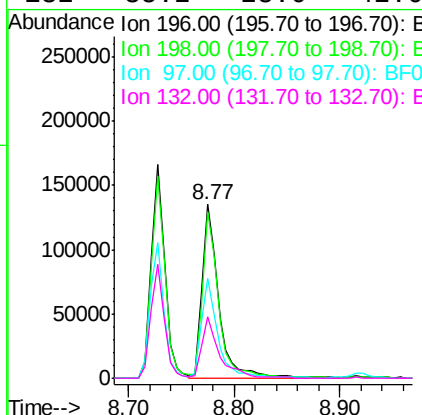
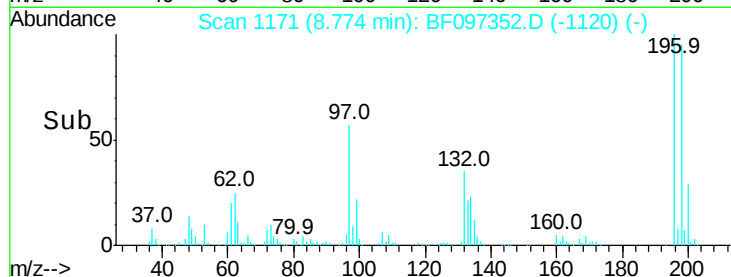
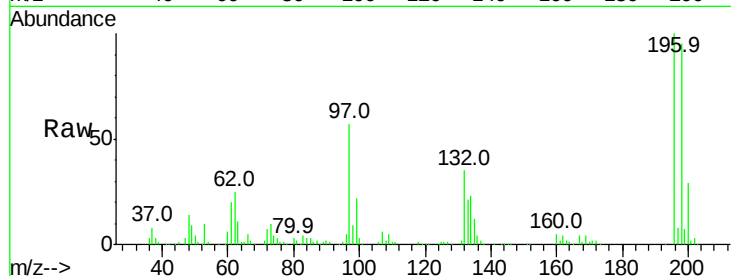




#43
 2,4,5-Trichlorophenol
 Concen: 40.935 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

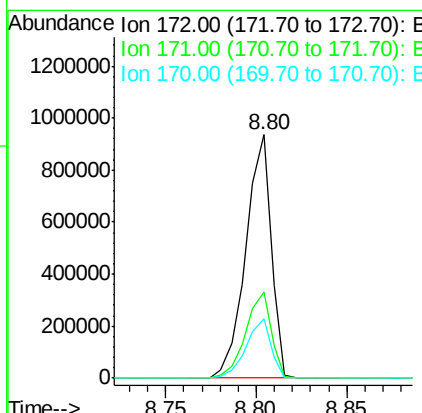
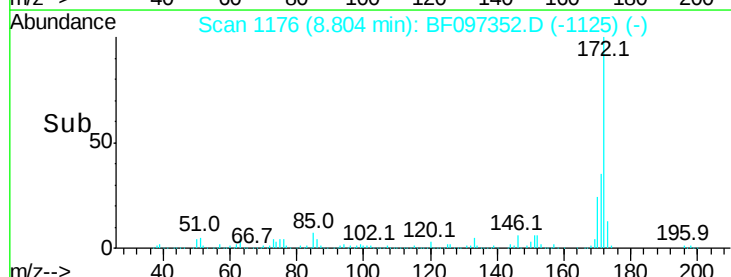
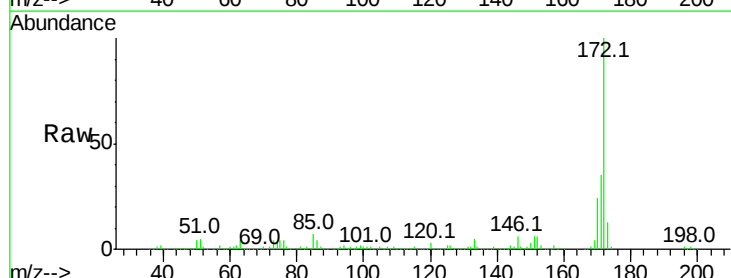
Instrument :
 BNA_F
 ClientSampleId :

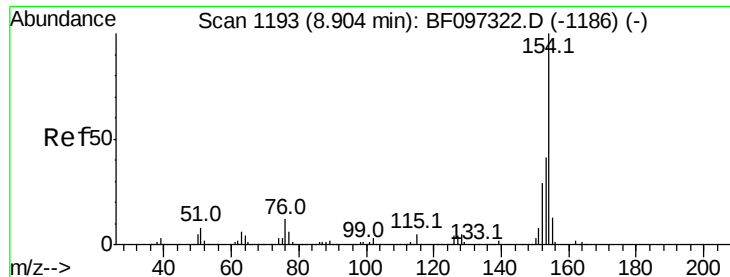
Tot Ion:	196	Resp:	145920
Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
97	57.2	47.7	71.5
132	35.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 84.097 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:	172	Resp:	912700
Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.264 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

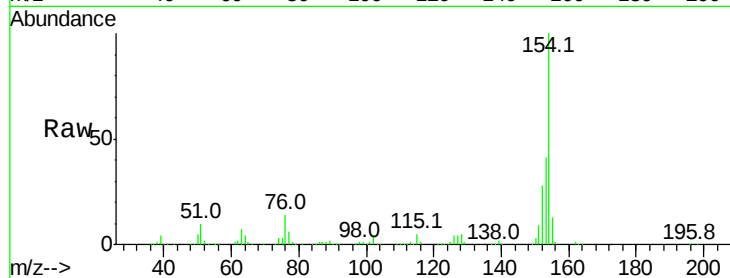
Tot Ion:154 Resp: 664898

Ion Ratio Lower Upper

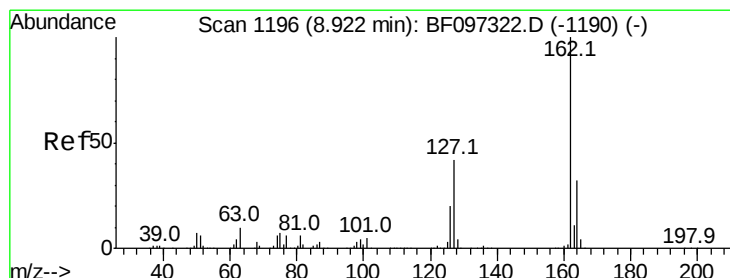
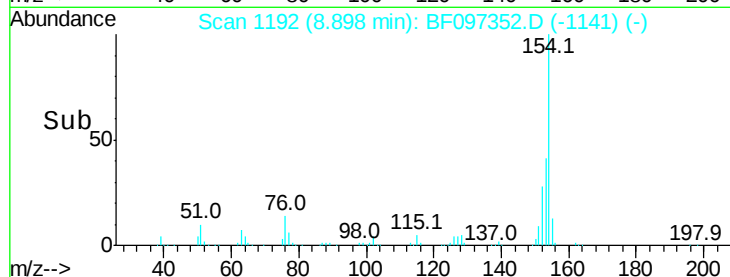
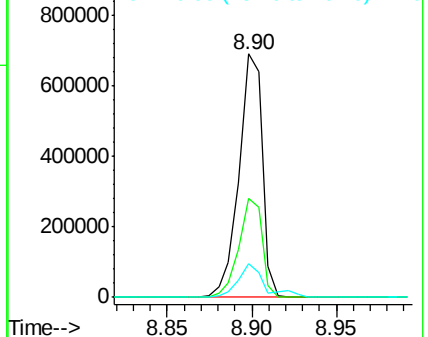
154 100

153 40.6 21.2 61.2

76 13.7 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 41.324 ng

RT: 8.92 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

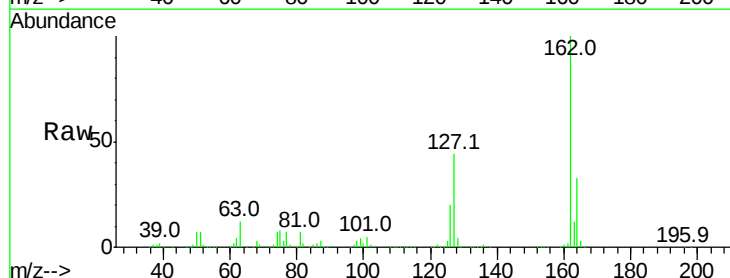
Tgt Ion:162 Resp: 478400

Ion Ratio Lower Upper

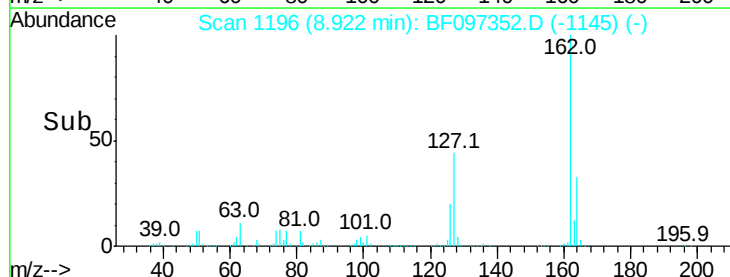
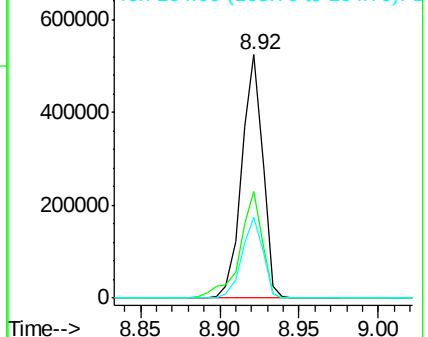
162 100

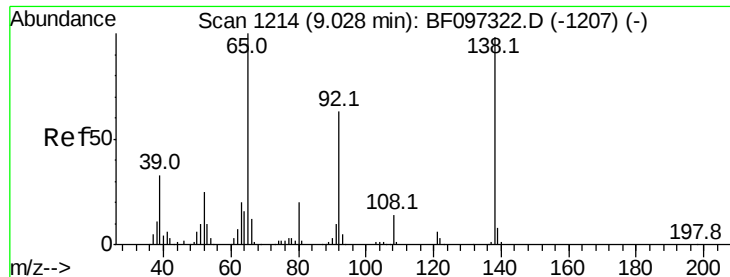
127 44.0 28.3 42.5#

164 33.1 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

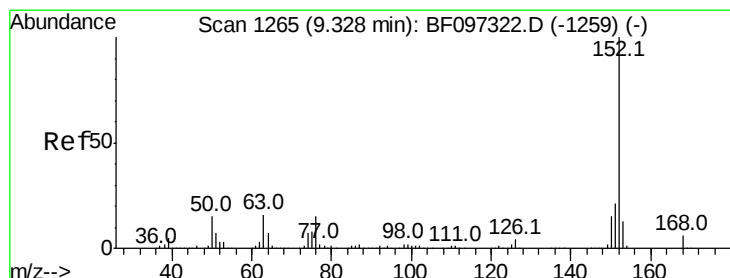
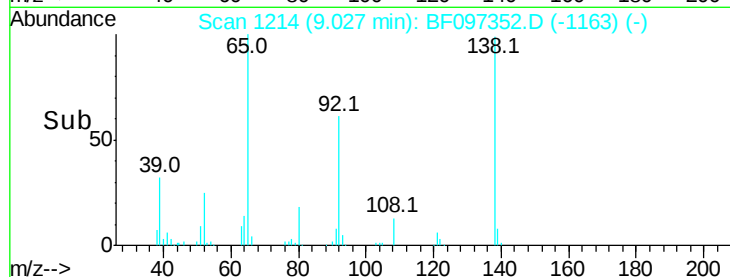
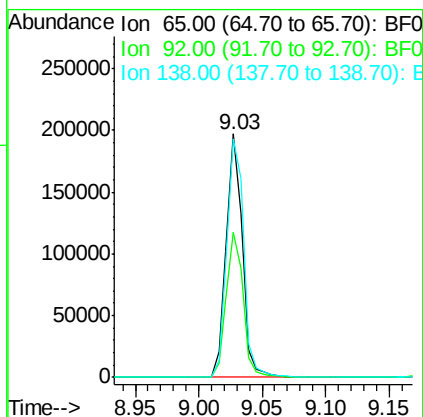
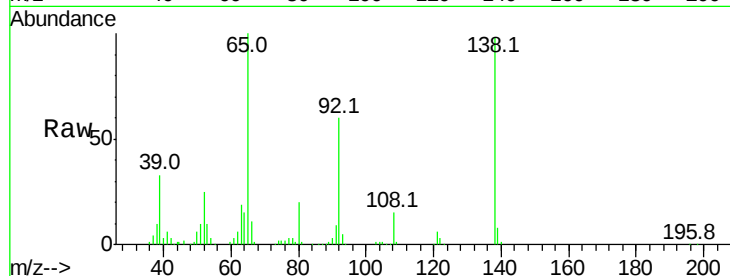




#47
2-Nitroaniline
Concen: 41.467 ng
RT: 9.03 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

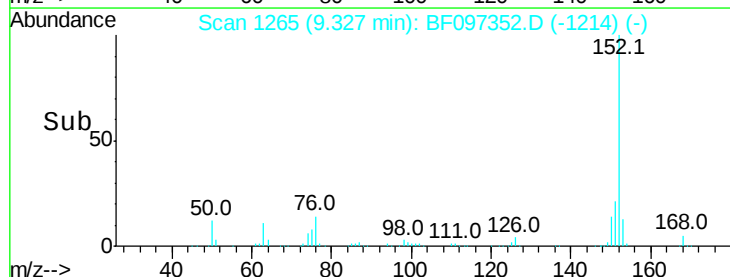
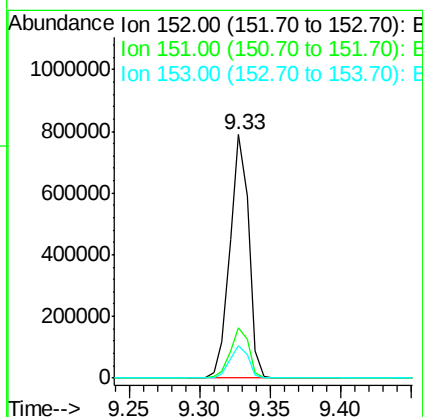
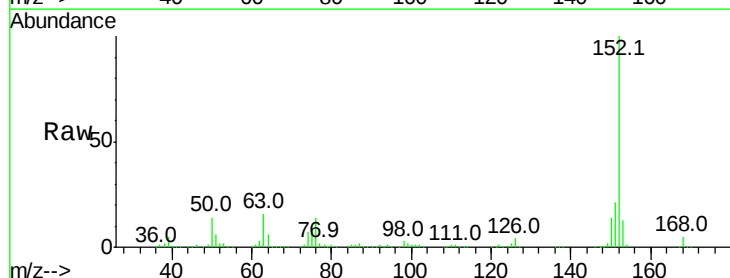
Instrument :
BNA_F
ClientSampled :

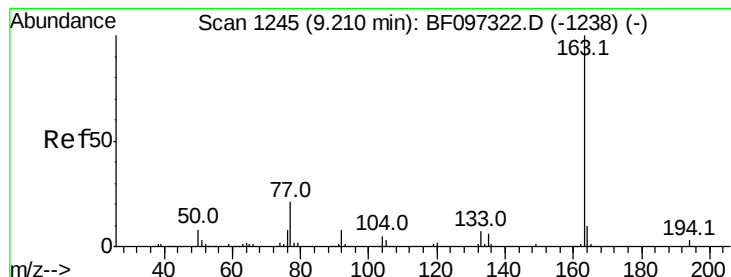
Tot Ion: 65 Resp: 174220
Ion Ratio Lower Upper
65 100
92 59.8 53.9 80.9
138 97.8 78.8 118.2



#48
Acenaphthylene
Concen: 41.060 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion: 152 Resp: 729615
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2
153 13.5 10.8 16.2





#49

Dimethylphthalate

Concen: 41.719 ng

RT: 9.21 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

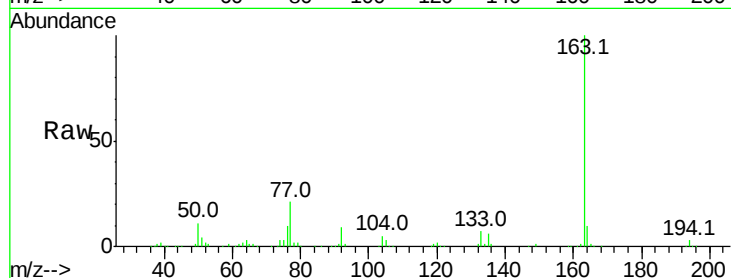
Tot Ion:163 Resp: 583506

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

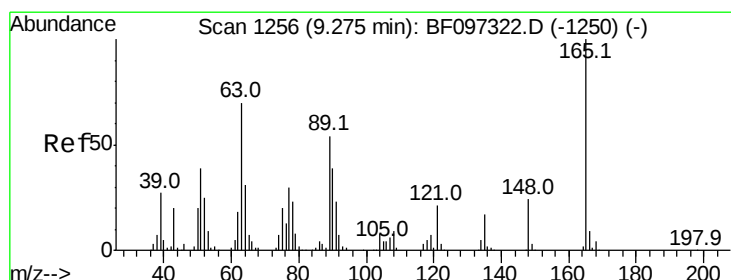
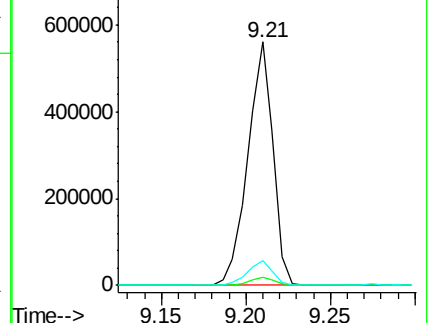
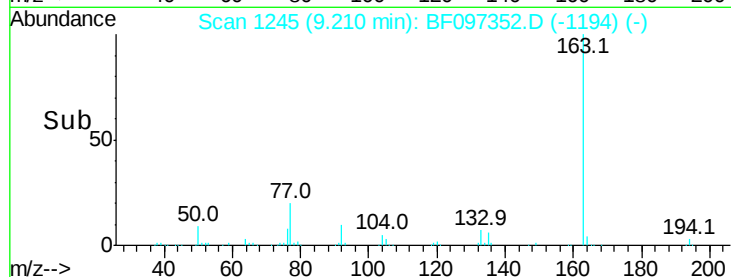
164 10.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.382 ng

RT: 9.27 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

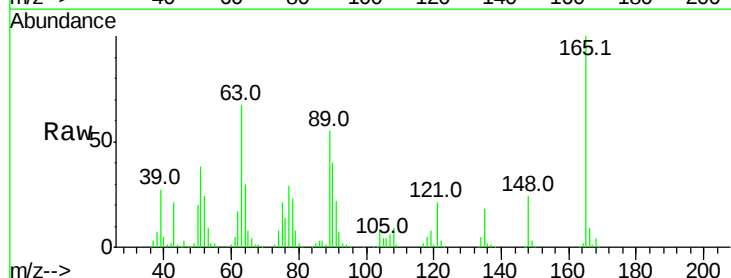
Tgt Ion:165 Resp: 125725

Ion Ratio Lower Upper

165 100

63 67.1 34.3 51.5#

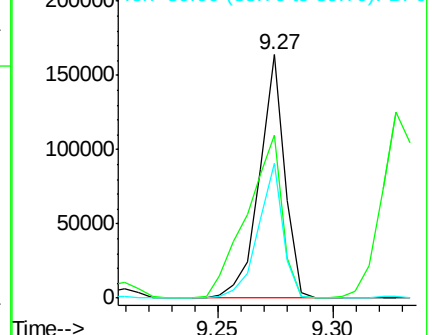
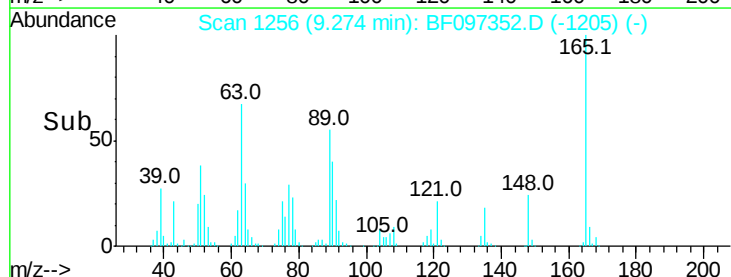
89 55.4 37.1 55.7

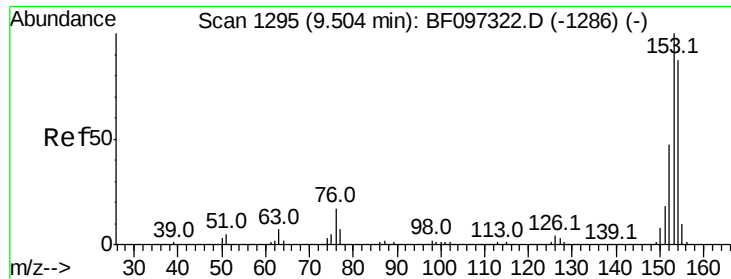


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

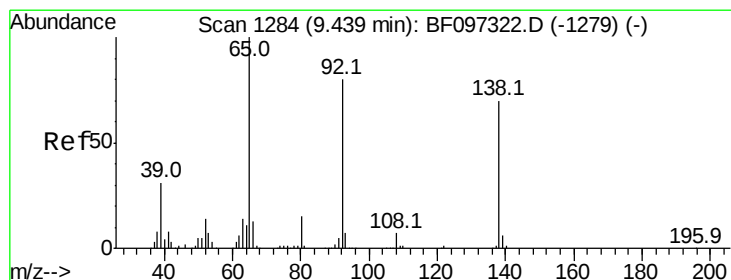
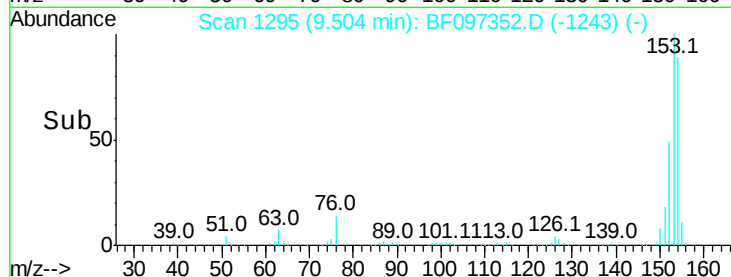
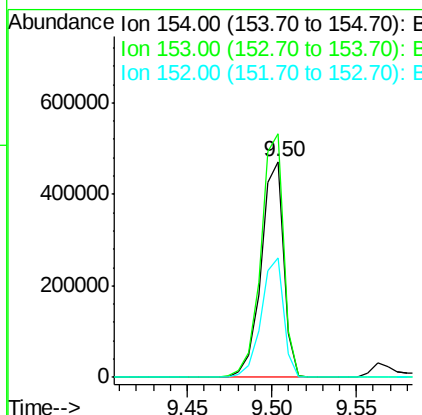
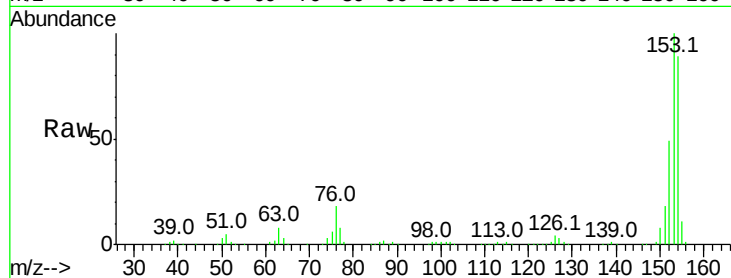




#51
Acenaphthene
Concen: 41.902 ng
RT: 9.50 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

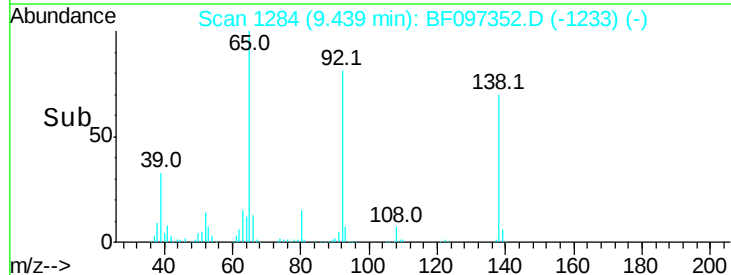
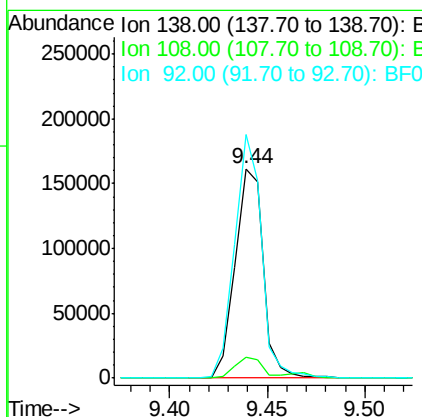
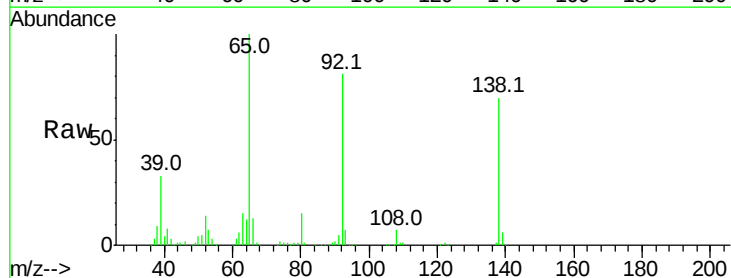
Instrument :
BNA_F
ClientSampleId :

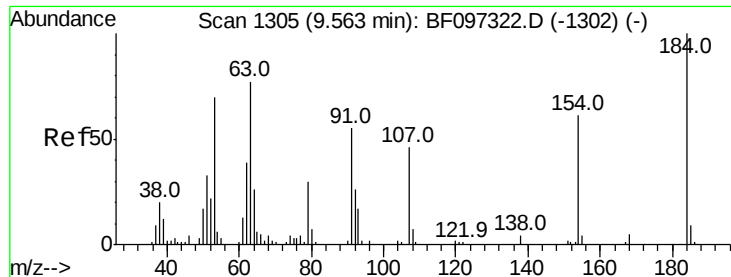
Tot Ion:154 Resp: 438590
Ion Ratio Lower Upper
154 100
153 112.8 90.5 135.7
152 55.1 43.6 65.4



#52
3-Nitroaniline
Concen: 43.950 ng
RT: 9.44 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:138 Resp: 161829
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 116.2 93.8 140.6

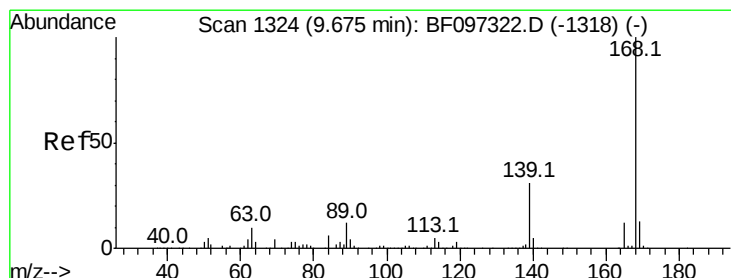
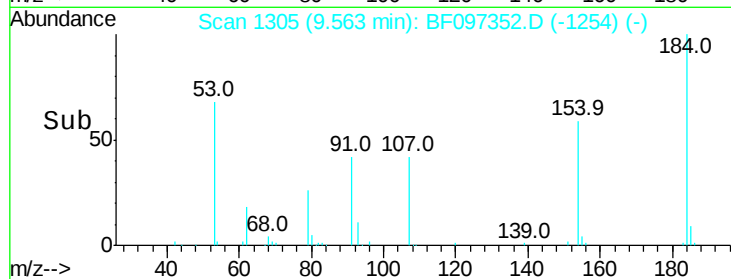
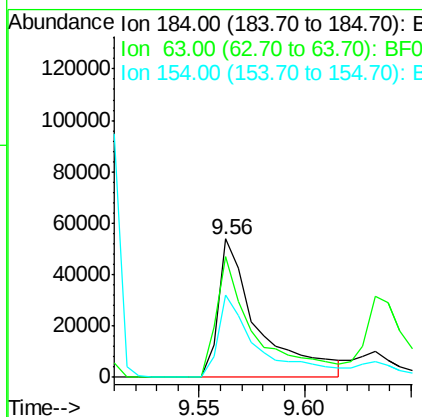
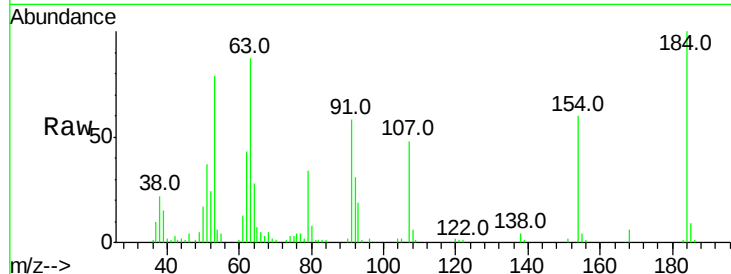




#53
 2,4-Dinitrophenol
 Concen: 52.095 ng
 RT: 9.56 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

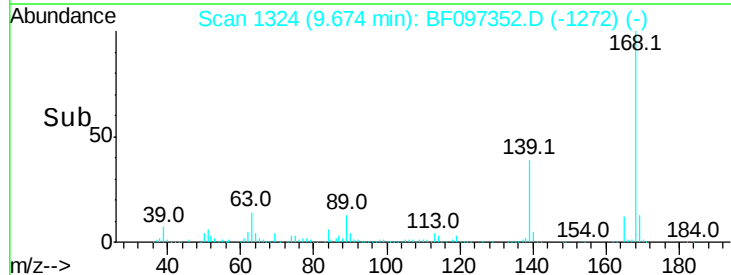
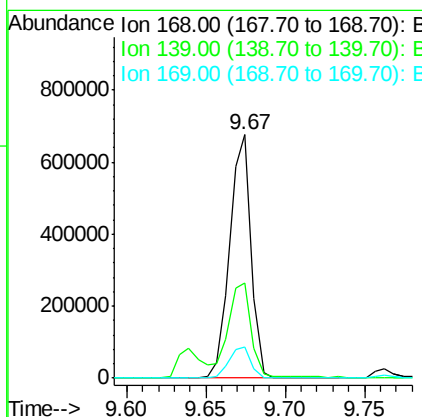
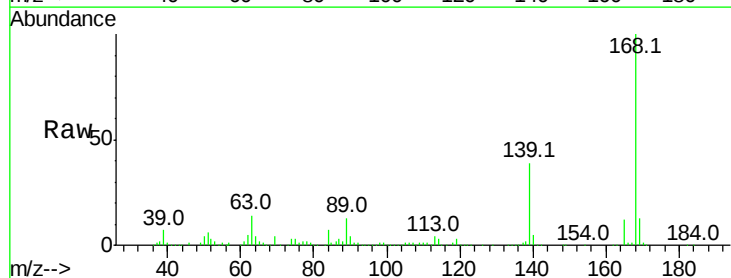
Instrument :
 BNA_F
 ClientSampleId :

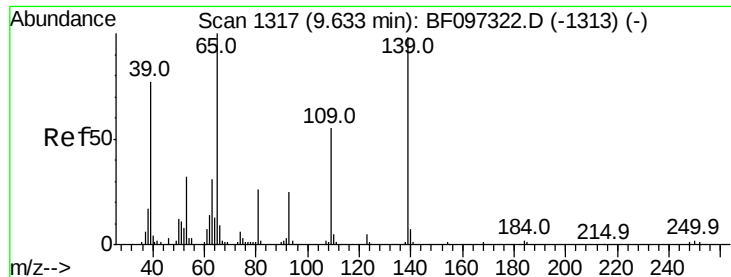
Tot Ion:184 Resp: 70266
 Ion Ratio Lower Upper
 184 100
 63 87.5 62.7 94.1
 154 59.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.173 ng
 RT: 9.67 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:168 Resp: 629791
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 39.025 ng

RT: 9.64 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :
BNA_F
ClientSampleId :

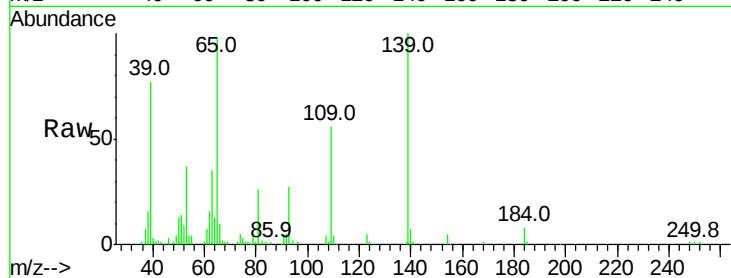
Tot Ion:139 Resp: 85454

Ion Ratio Lower Upper

139 100

109 55.8 34.1 74.1

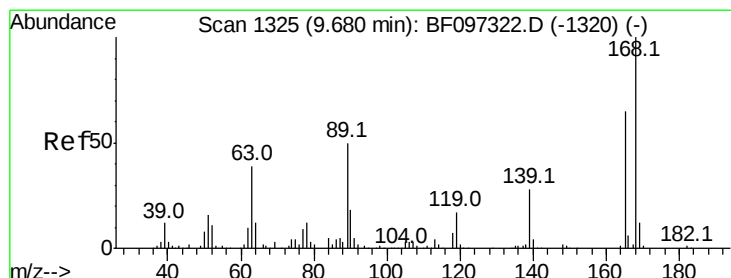
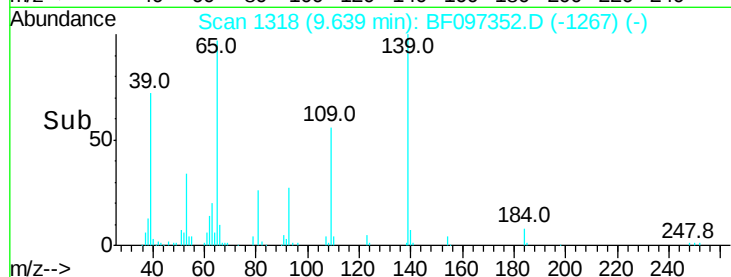
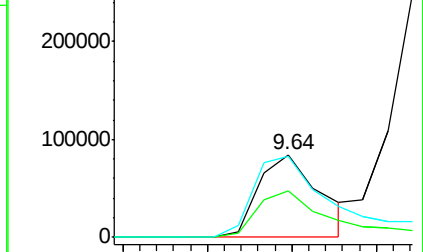
65 98.3 31.4 71.4#



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: 49.100 ng

RT: 9.68 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Tgt Ion:165 Resp: 167442

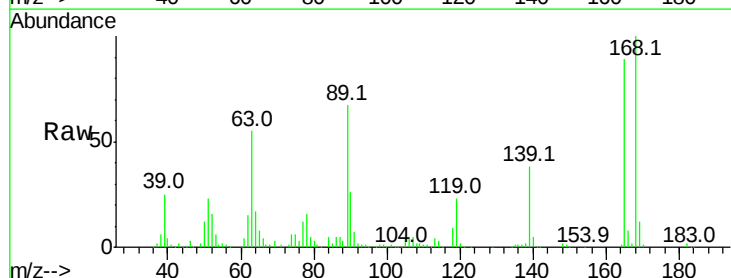
Ion Ratio Lower Upper

165 100

63 61.9 25.4 38.0#

89 75.6 46.4 69.6#

182 1.8 1.8 2.6

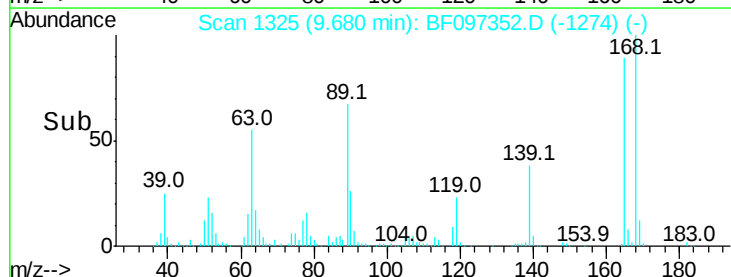
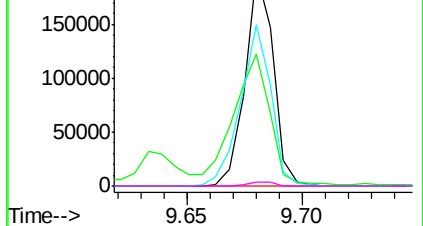


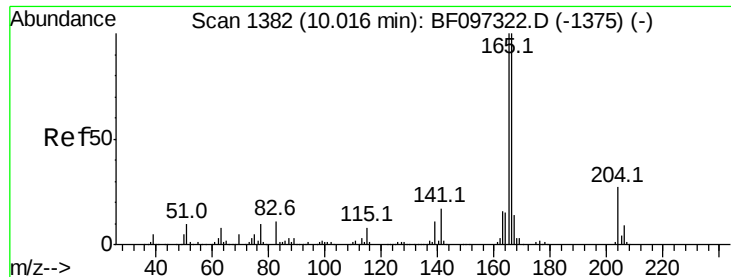
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.405 ng

RT: 10.02 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

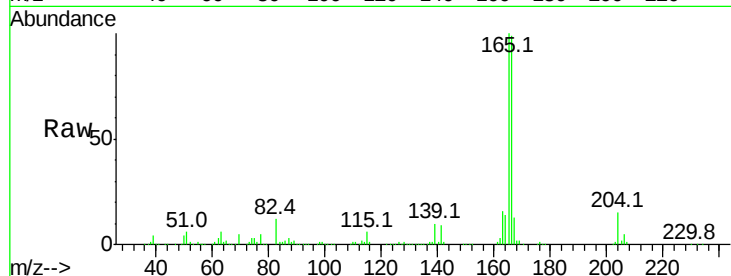
Tot Ion:166 Resp: 475778

Ion Ratio Lower Upper

166 100

165 100.8 78.8 118.2

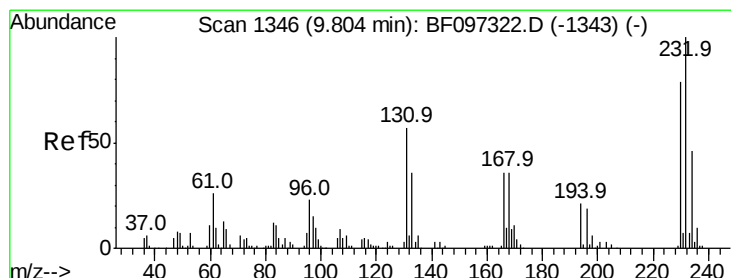
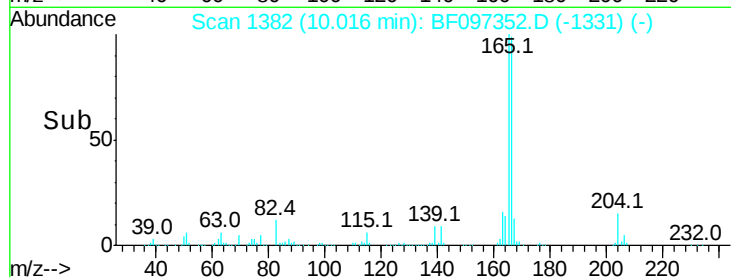
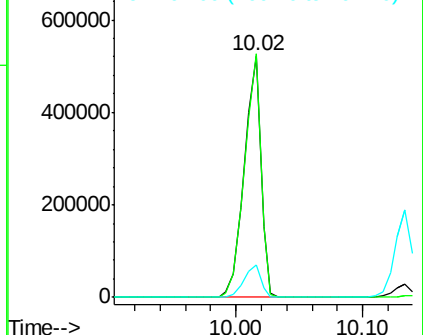
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.800 ng

RT: 9.80 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Tgt Ion:232 Resp: 100420

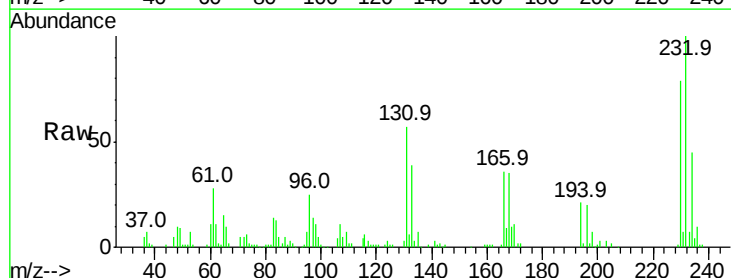
Ion Ratio Lower Upper

232 100

131 58.4 44.8 67.2

130 2.8 2.3 3.5

166 33.7 29.0 43.4

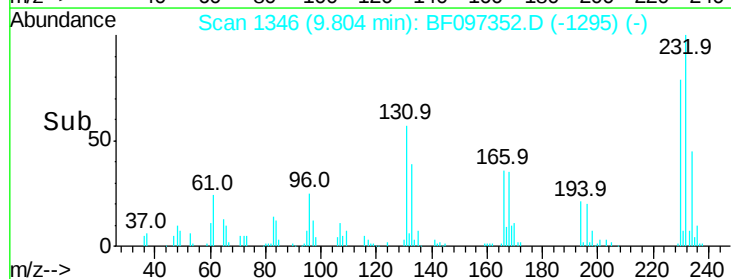
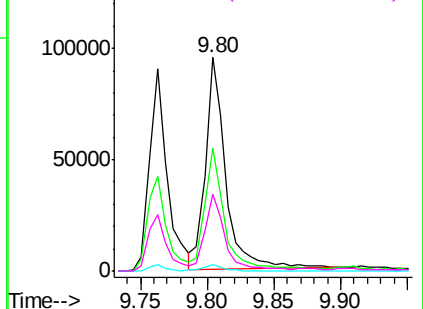


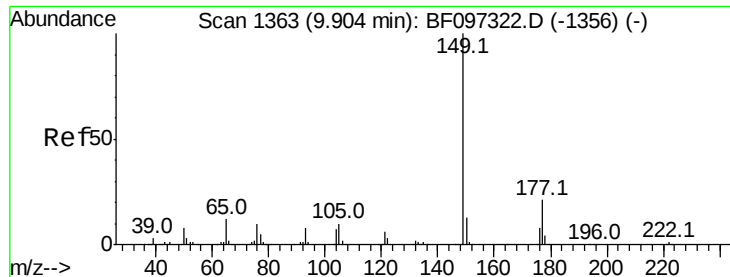
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

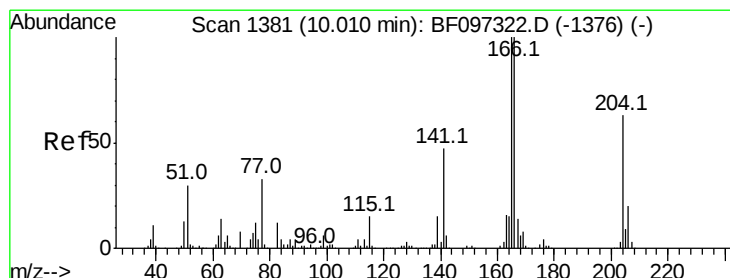
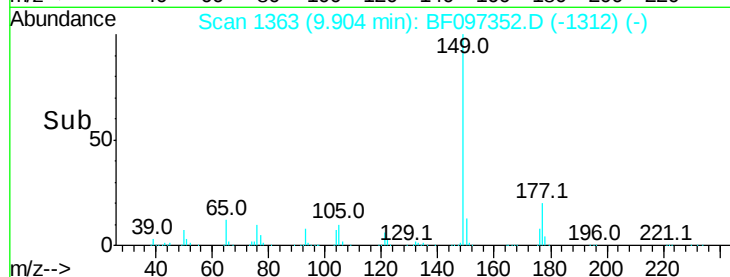
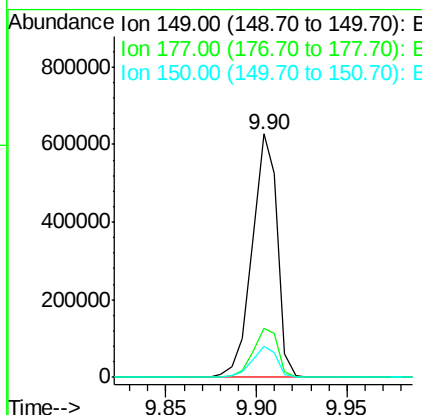
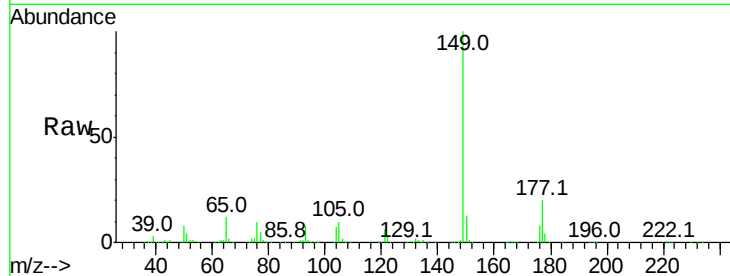




#59
Diethylphthalate
Concen: 46.706 ng
RT: 9.90 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

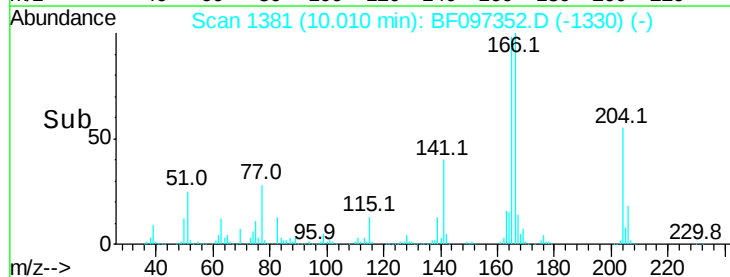
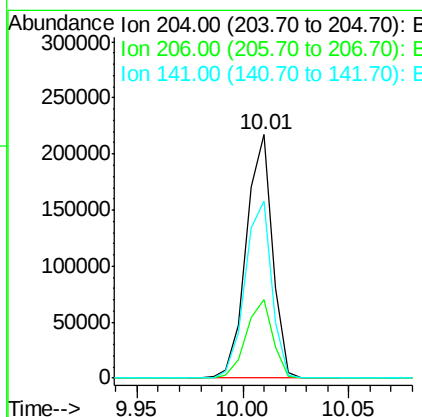
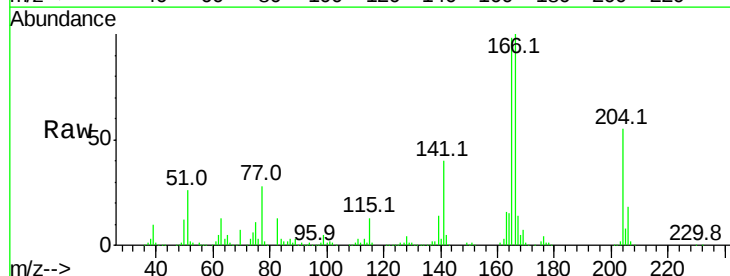
Instrument :
BNA_F
ClientSampleId :

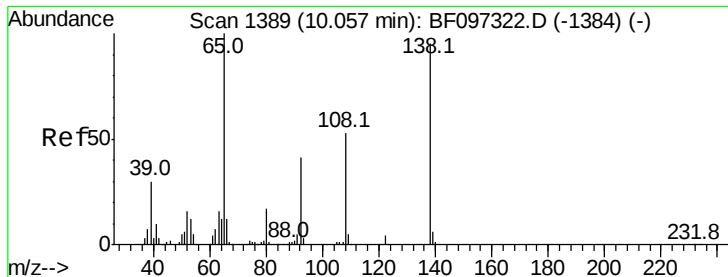
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.7	25.1
150	12.5	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.207 ng
RT: 10.01 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	72.8	60.8	91.2

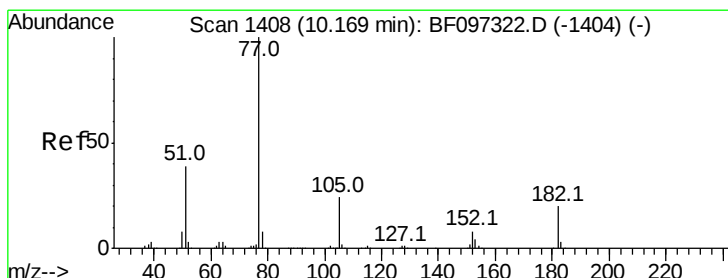
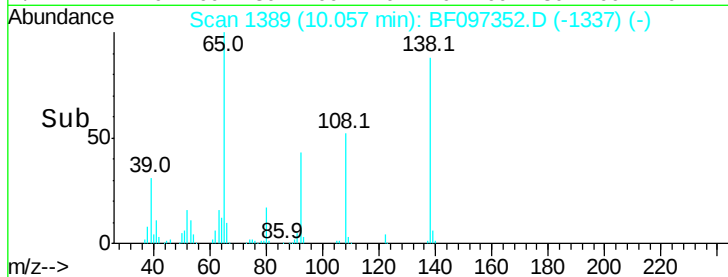
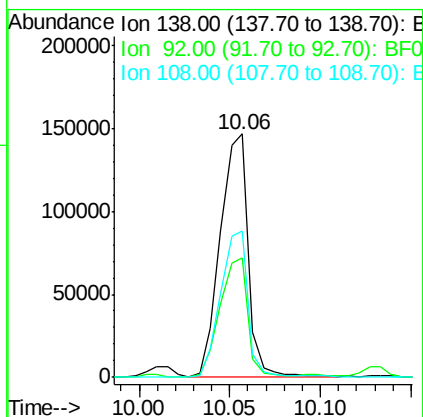
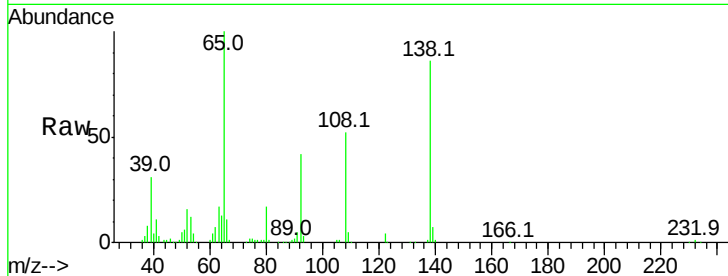




#61
4-Nitroaniline
Concen: 45.423 ng
RT: 10.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

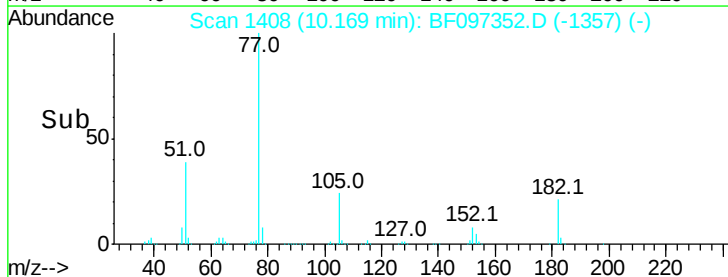
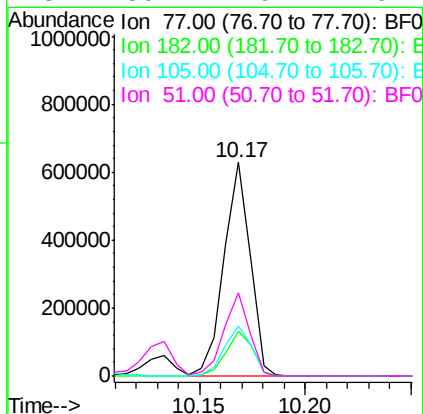
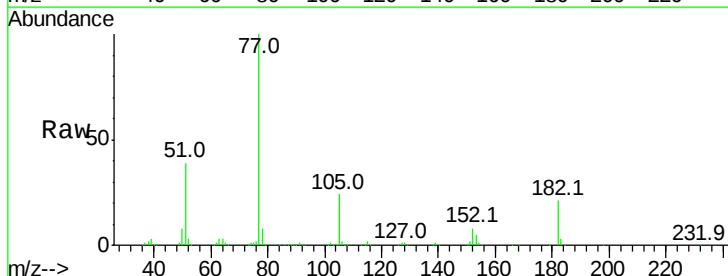
Instrument :
BNA_F
ClientSampled :

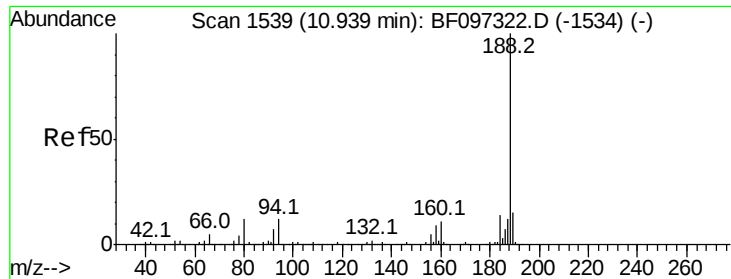
Tot Ion:138 Resp: 158920
Ion Ratio Lower Upper
138 100
92 49.2 21.8 61.8
108 60.4 42.3 82.3



#62
Azobenzene
Concen: 45.118 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion: 77 Resp: 537082
Ion Ratio Lower Upper
77 100
182 21.0 0.1 40.1
105 23.6 3.6 43.6
51 39.2 9.4 49.4

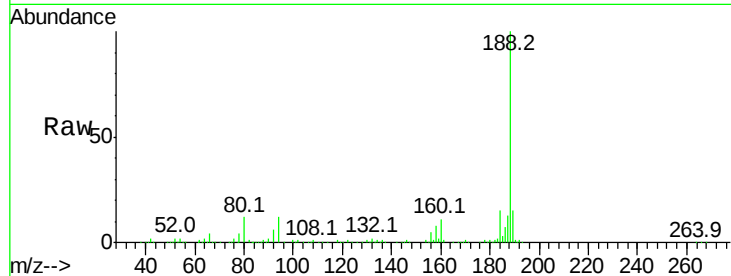




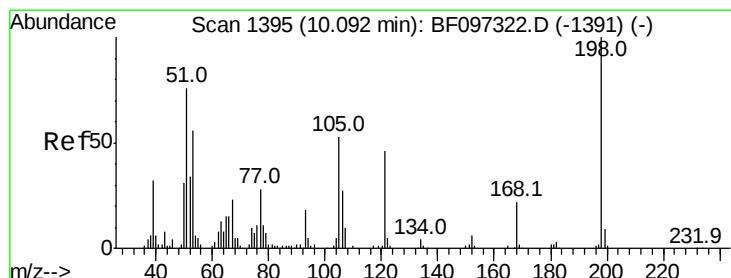
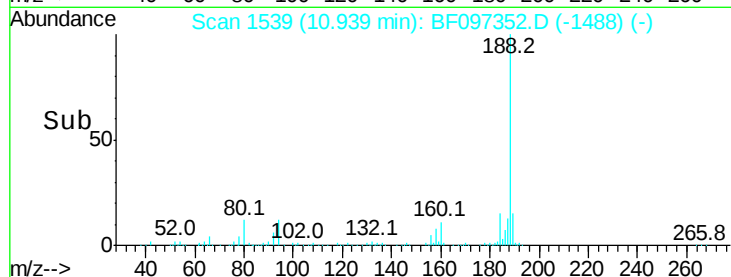
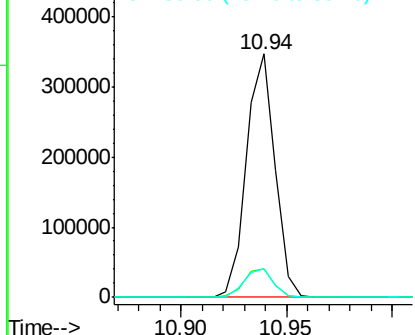
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 324233
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.0 10.2 15.2

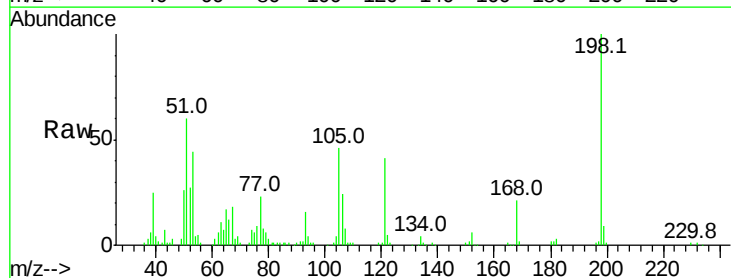


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

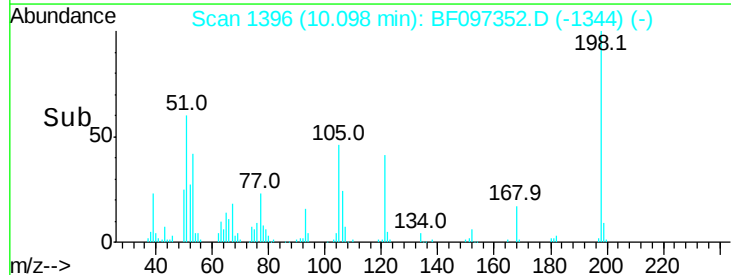
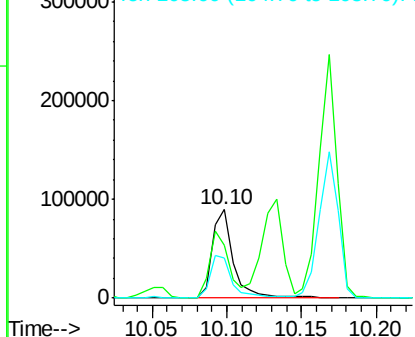


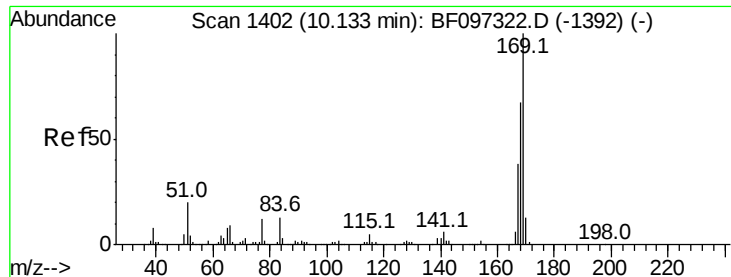
#64
4,6-Dinitro-2-methylphenol
Concen: 43.759 ng
RT: 10.10 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:198 Resp: 88164
Ion Ratio Lower Upper
198 100
51 60.5 53.2 93.2
105 46.0 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 40.581 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

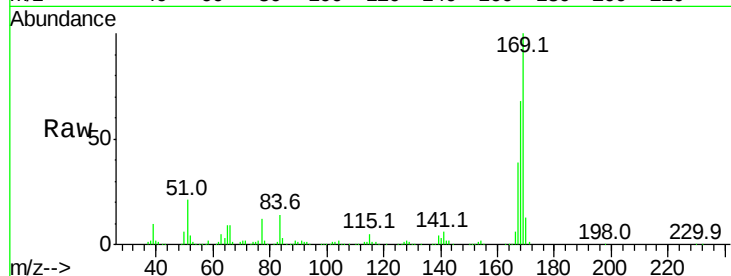
Tot Ion:169 Resp: 457811

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

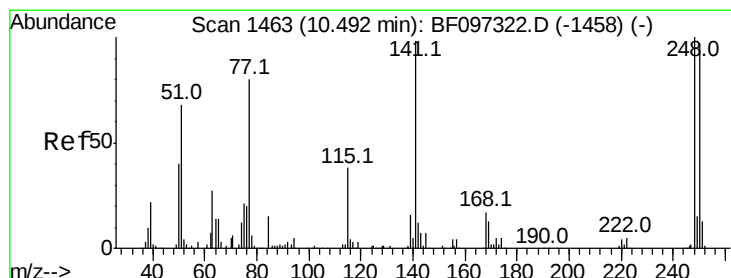
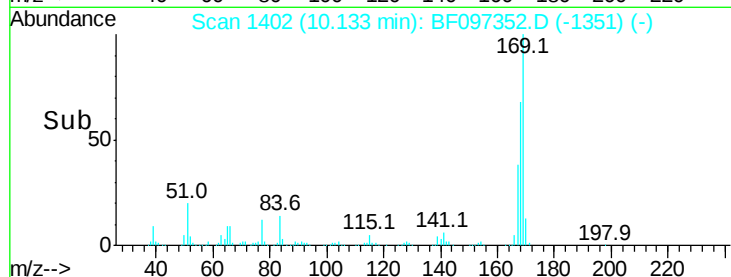
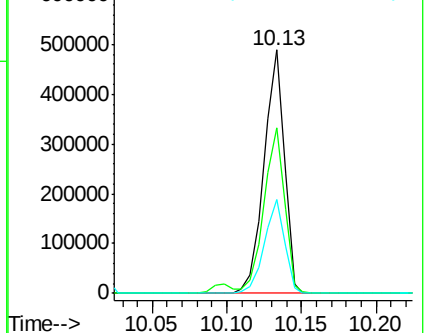
167 38.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.829 ng

RT: 10.49 min Scan# 1463

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

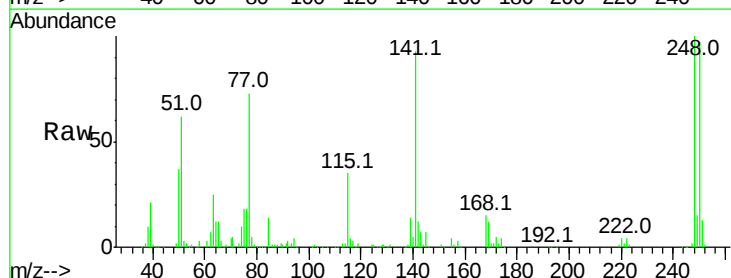
Tgt Ion:248 Resp: 128876

Ion Ratio Lower Upper

248 100

250 97.0 76.8 115.2

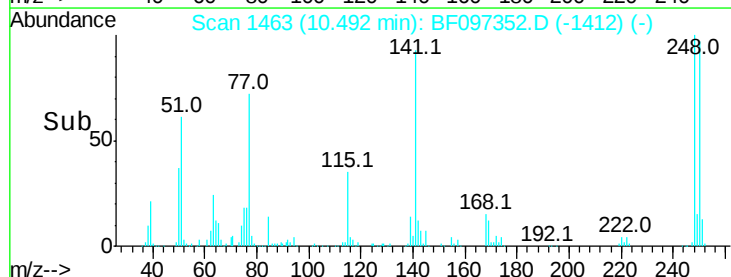
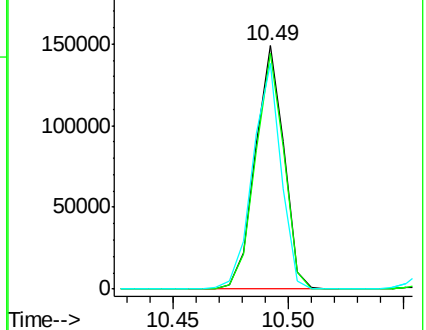
141 92.6 68.6 103.0

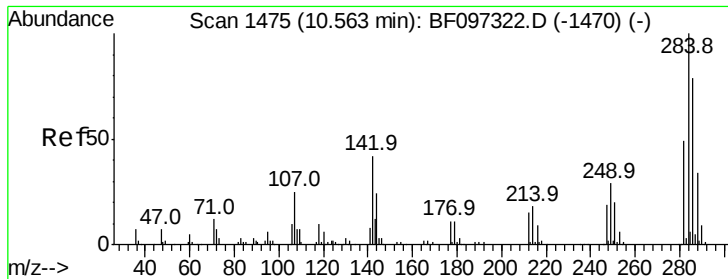


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

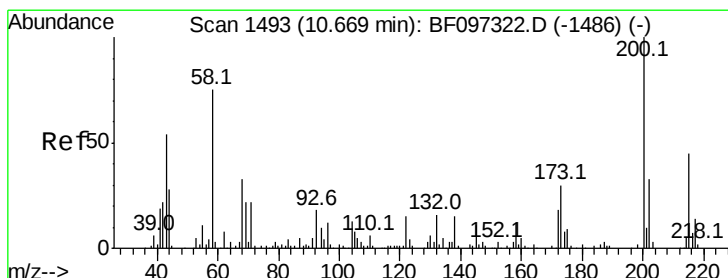
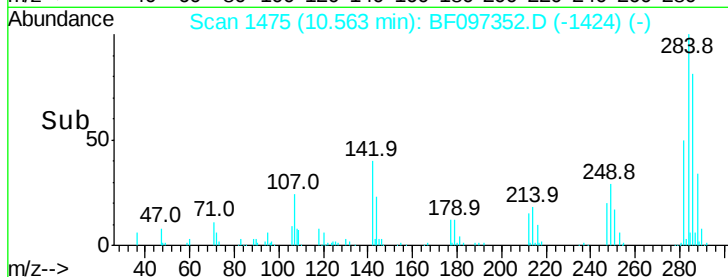
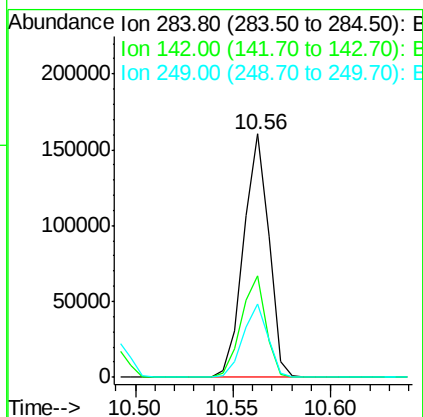
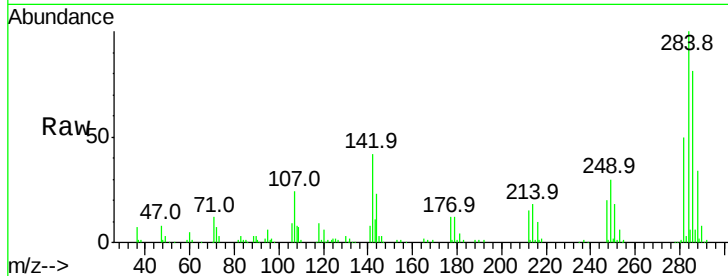




#67
Hexachlorobenzene
Concen: 39.727 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

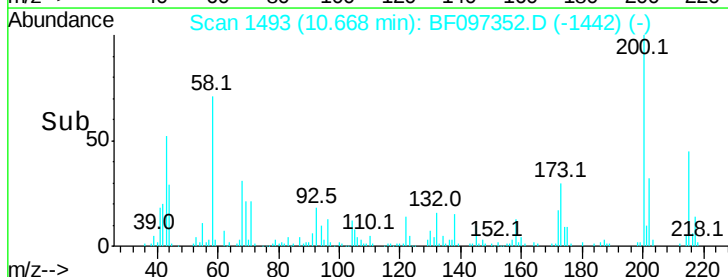
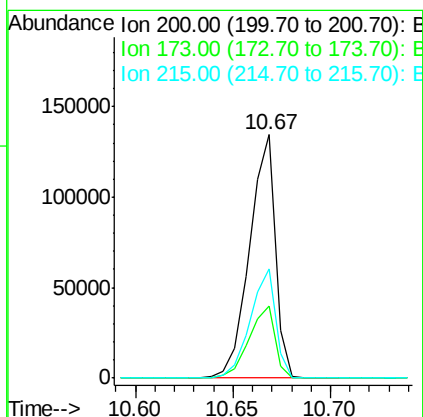
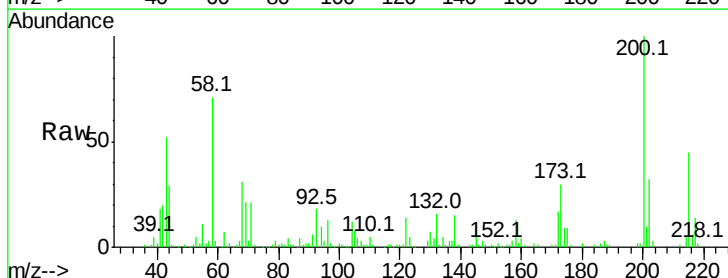
Instrument :
BNA_F
ClientSampleId :

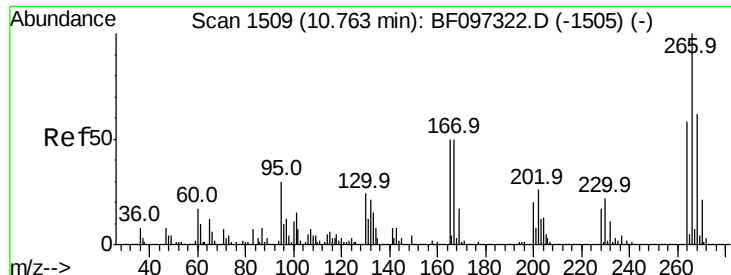
Tot Ion:284 Resp: 144151
Ion Ratio Lower Upper
284 100
142 41.7 22.8 34.2#
249 30.0 24.0 36.0



#68
Atrazine
Concen: 38.149 ng
RT: 10.67 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:200 Resp: 123412
Ion Ratio Lower Upper
200 100
173 29.8 6.3 46.3
215 44.6 27.2 67.2

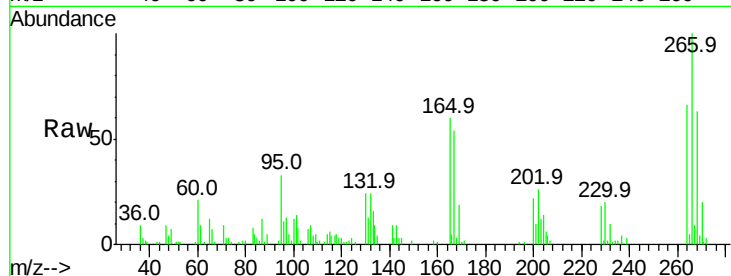




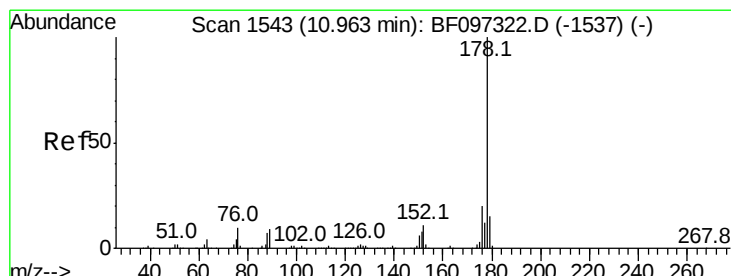
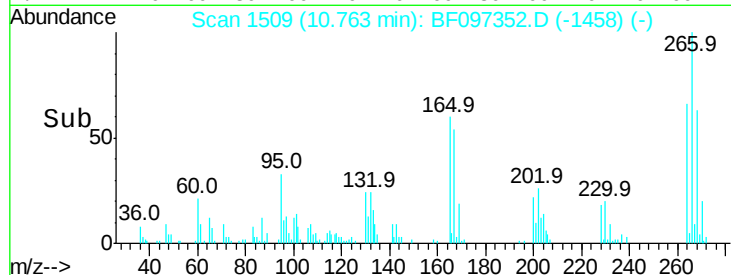
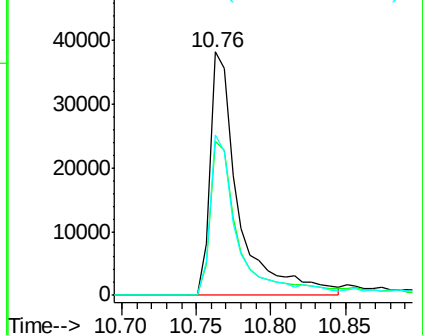
#69
 Pentachlorophenol
 Concen: 33.958 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 50983
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 66.0 51.7 77.5

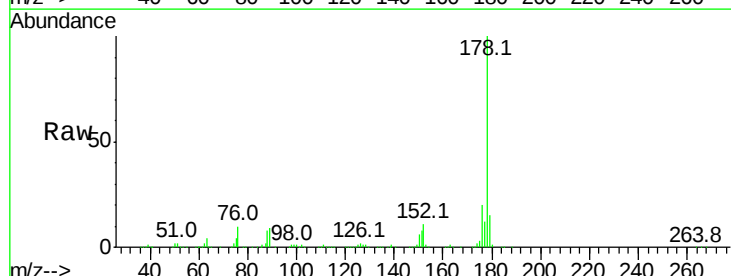


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

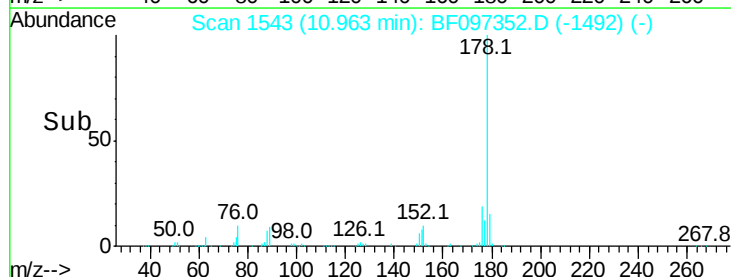
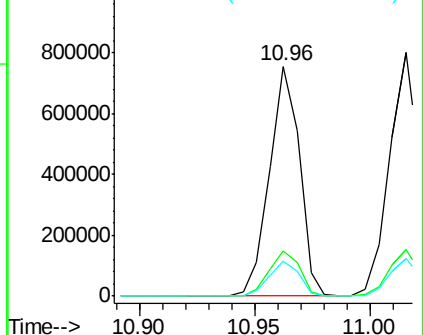


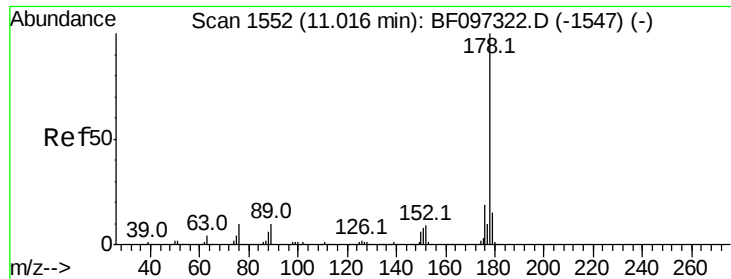
#70
 Phenanthrene
 Concen: 39.419 ng
 RT: 10.96 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:178 Resp: 684810
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.3 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

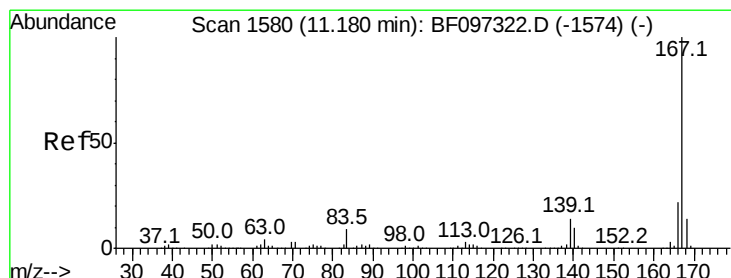
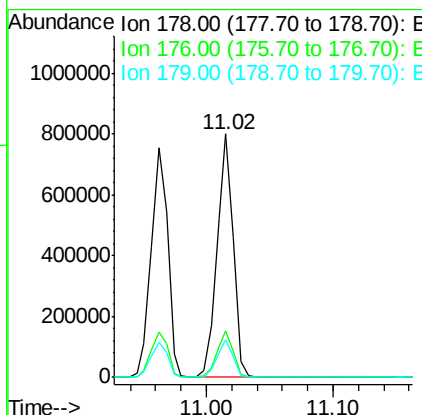
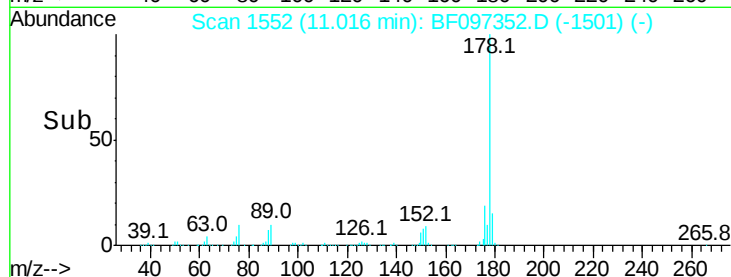
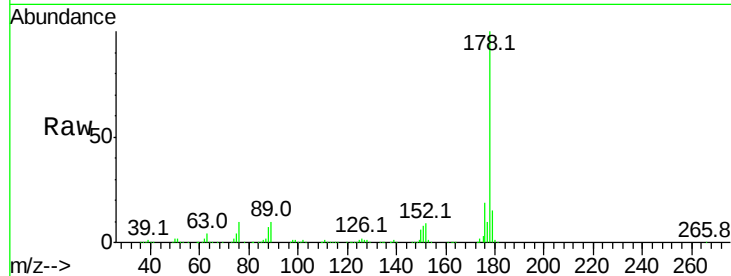




#71
 Anthracene
 Concen: 40.594 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

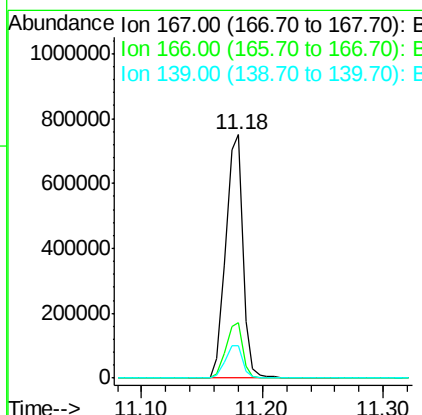
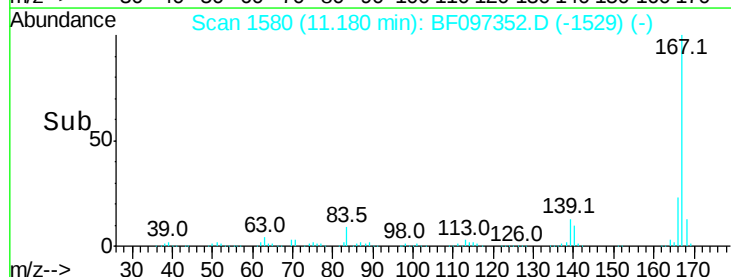
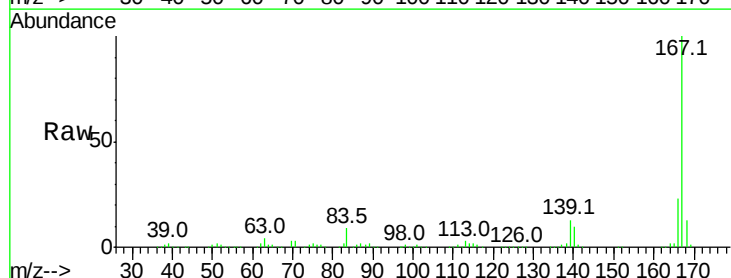
Instrument :
 BNA_F
 ClientSampleId :

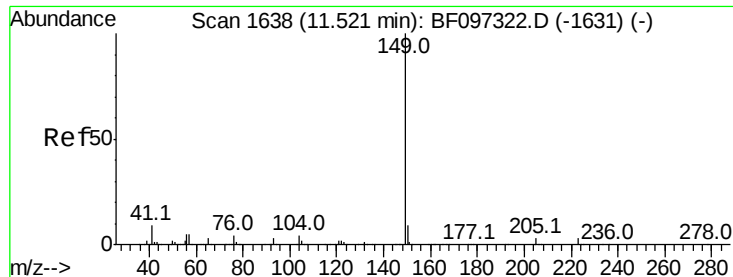
Tot Ion:178 Resp: 722298
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 42.384 ng
 RT: 11.18 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:167 Resp: 741687
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.4 11.7 17.5

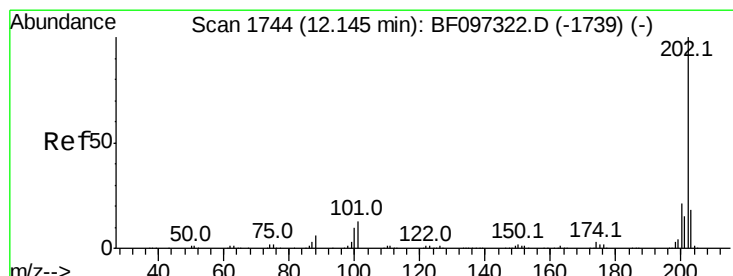
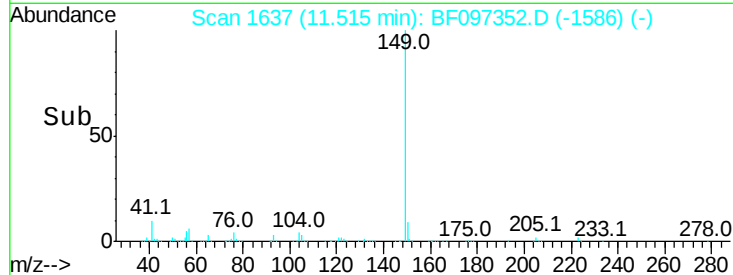
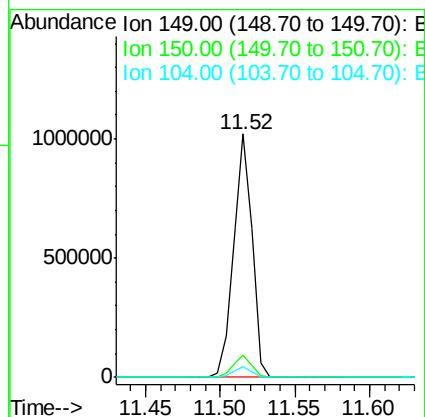
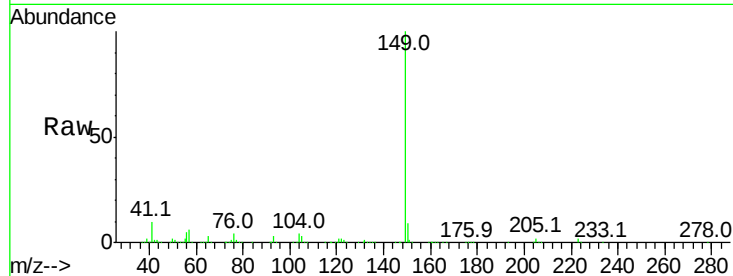




#73
Di-n-butylphthalate
Concen: 41.415 ng
RT: 11.52 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

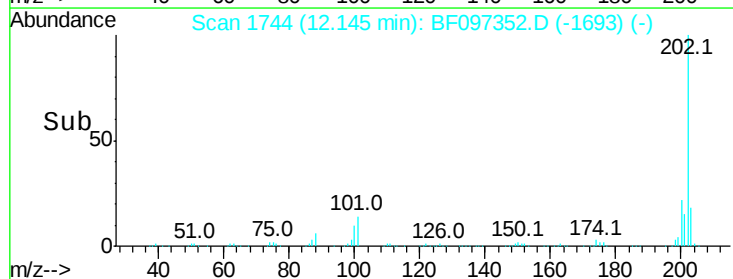
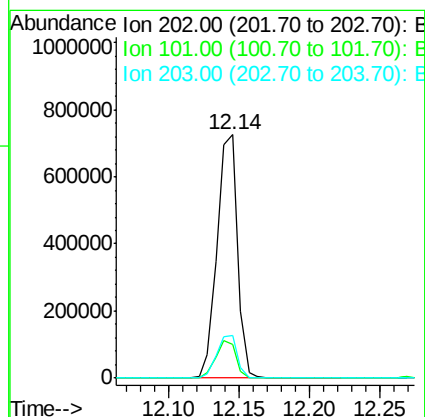
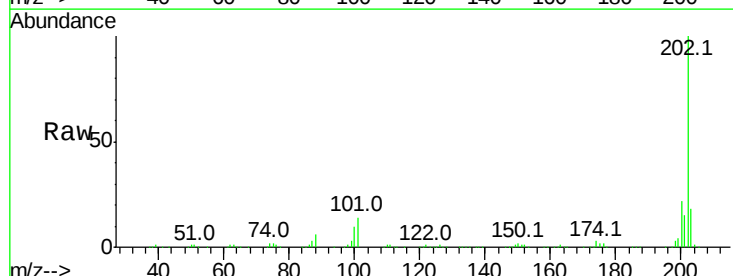
Instrument :
BNA_F
ClientSampleId :

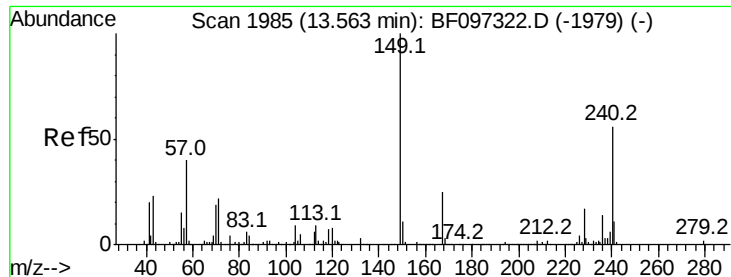
Tot Ion:149 Resp: 895858
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.5 4.0 6.0



#74
Fluoranthene
Concen: 43.101 ng
RT: 12.14 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:202 Resp: 733537
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

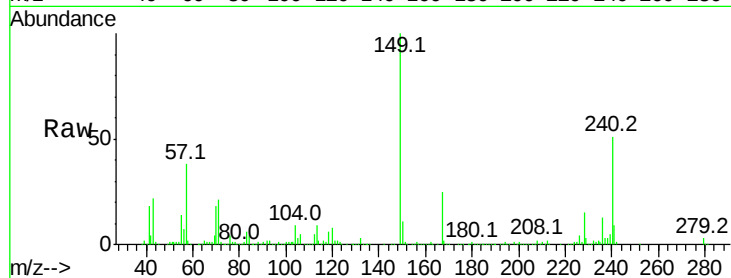
Tot Ion:240 Resp: 216769

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

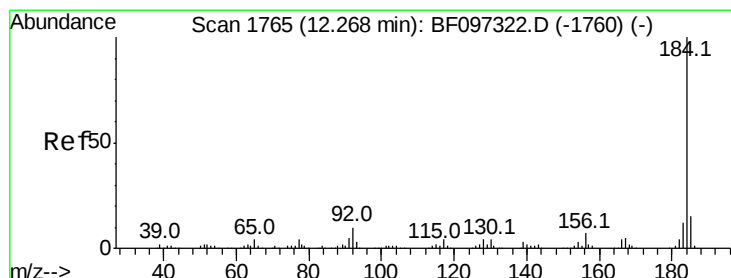
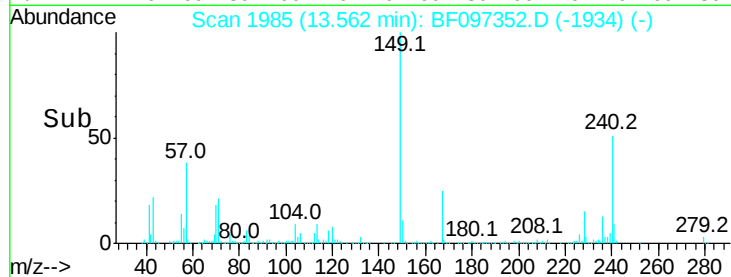
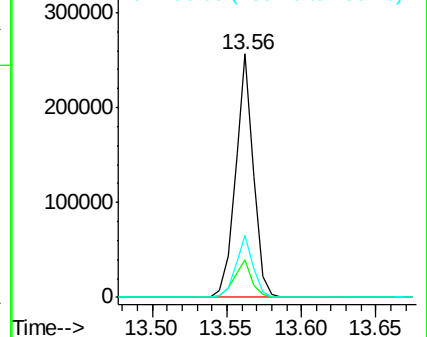
236 25.3 20.5 30.7



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: 46.556 ng

RT: 12.27 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

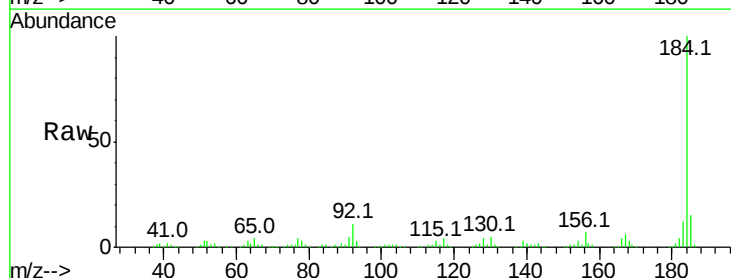
Tgt Ion:184 Resp: 374462

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

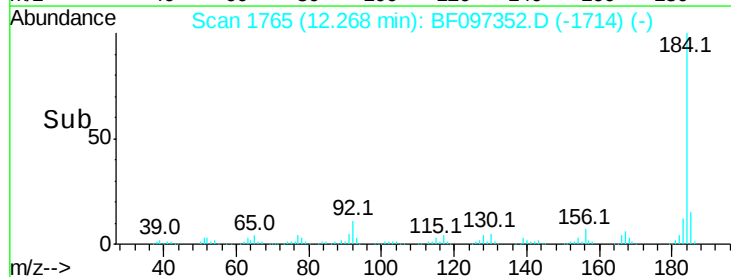
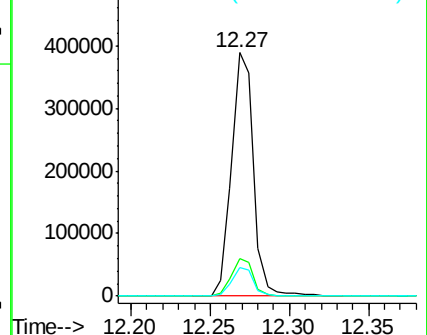
183 11.8 9.8 14.6

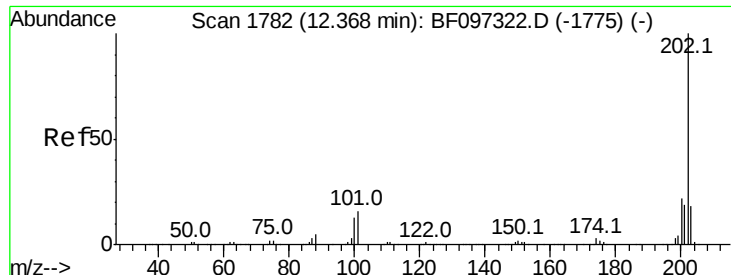


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

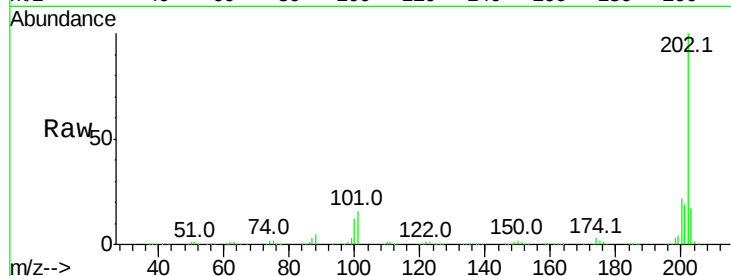




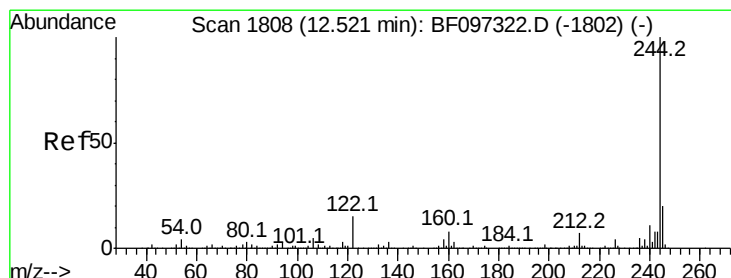
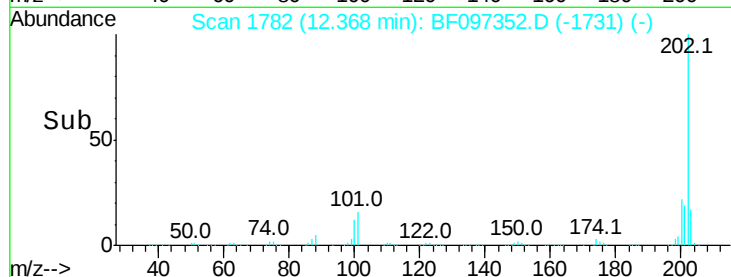
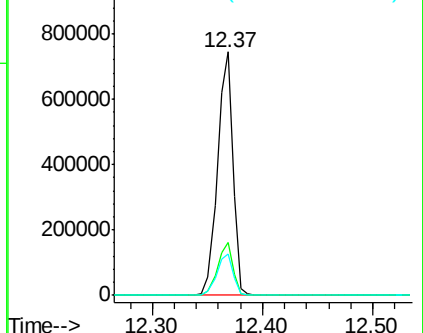
#77
Pvrene
Concen: 40.431 ng
RT: 12.37 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 717494
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 17.1 14.4 21.6

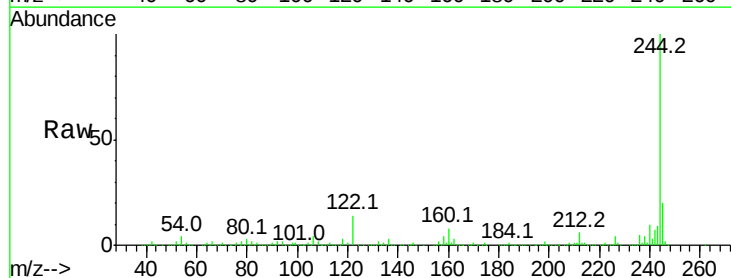


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

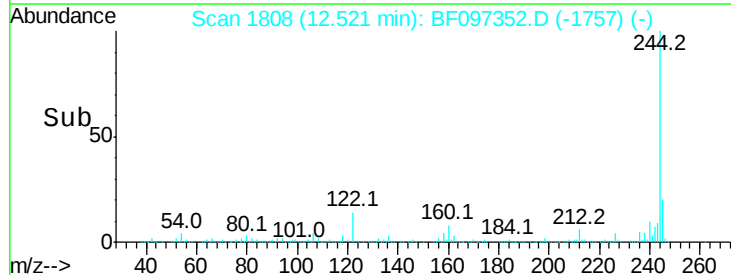
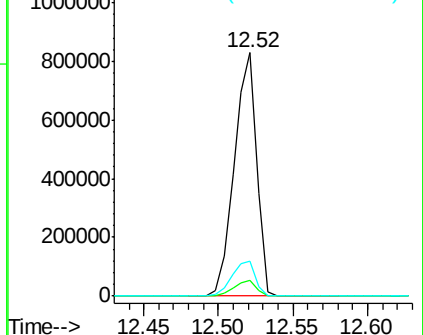


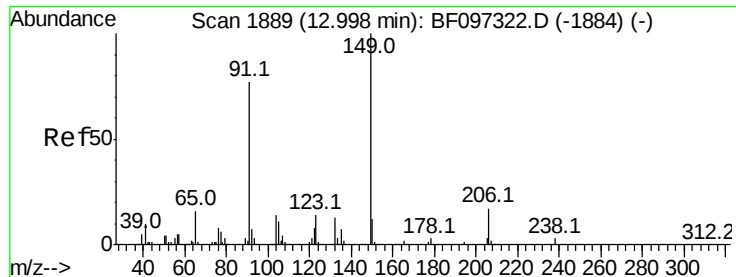
#78
Terphenyl-d14
Concen: 82.320 ng
RT: 12.52 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:244 Resp: 875216
Ion Ratio Lower Upper
244 100
212 6.4 6.0 9.0
122 14.2 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

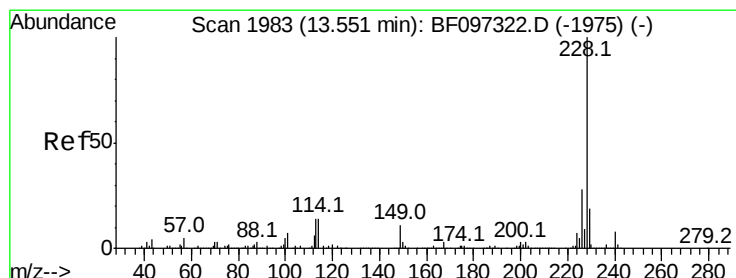
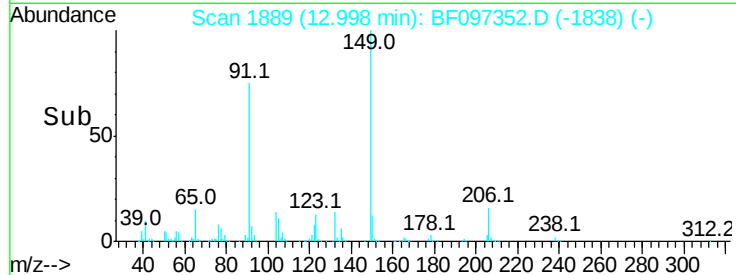
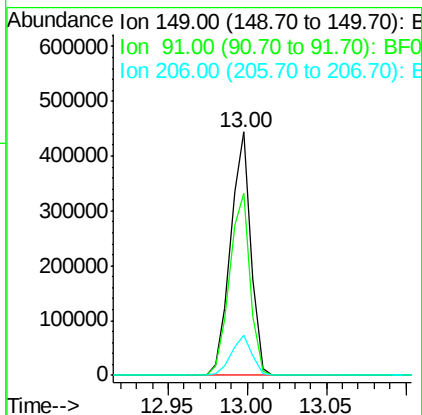
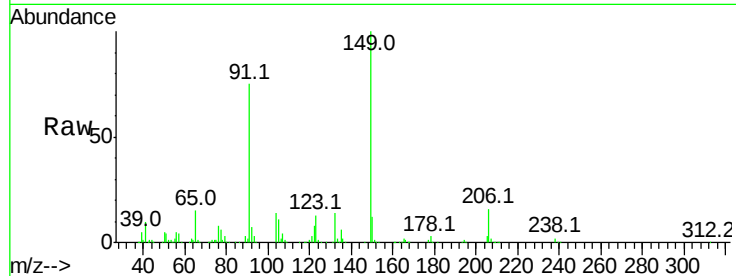




#79
 Butylbenzylphthalate
 Concen: 43.399 ng
 RT: 13.00 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

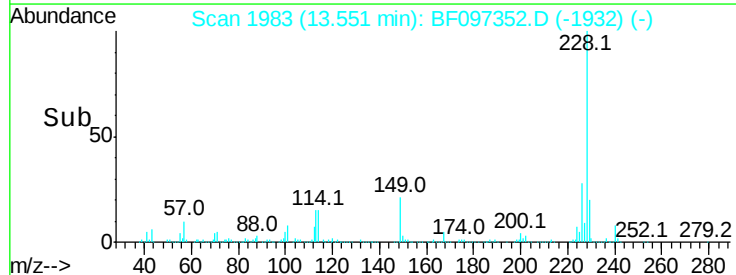
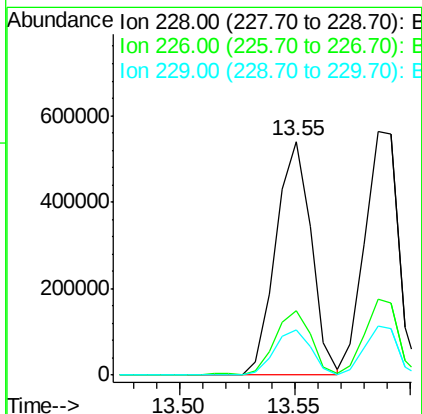
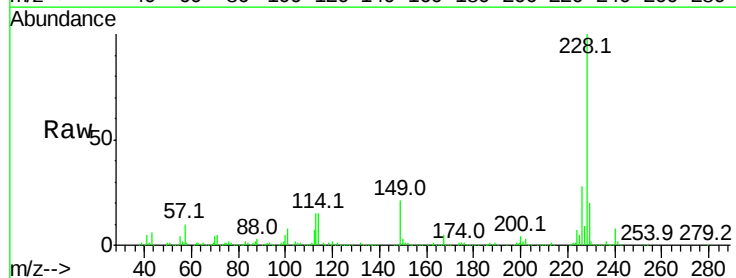
Instrument :
 BNA_F
 ClientSampleId :

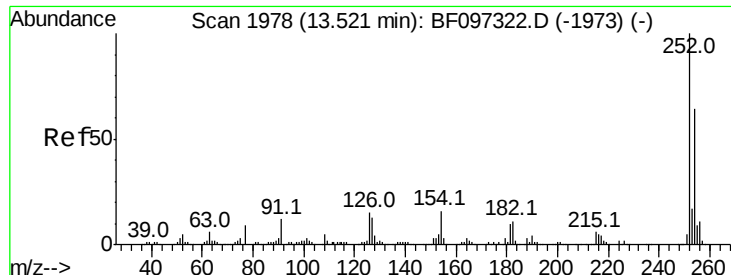
Tot Ion	Ratio	Lower	Upper
149	100		
91	74.8	45.0	67.4#
206	16.3	17.0	25.6#



#80
 Benzo(a)anthracene
 Concen: 40.858 ng
 RT: 13.55 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.6	16.3	24.5

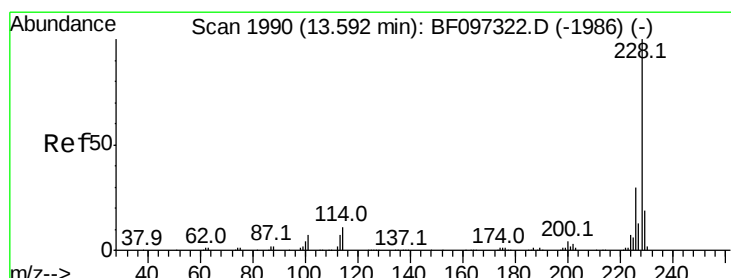
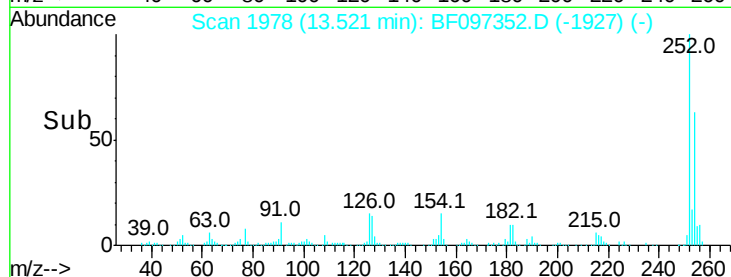
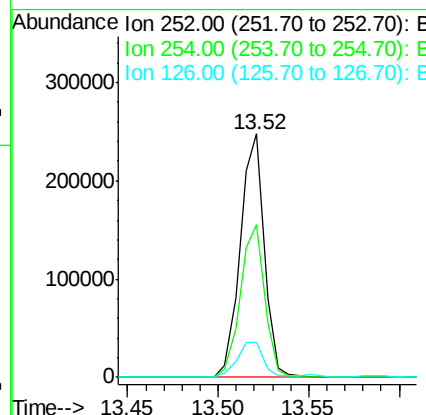
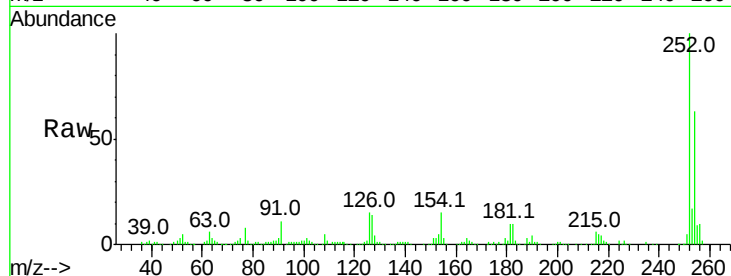




#81
 3,3'-Dichlorobenzidine
 Concen: 43.153 ng
 RT: 13.52 min Scan# 1978
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

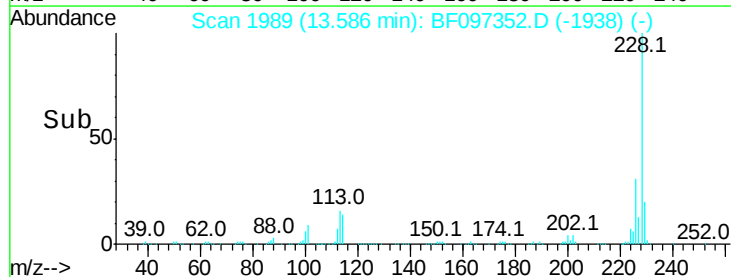
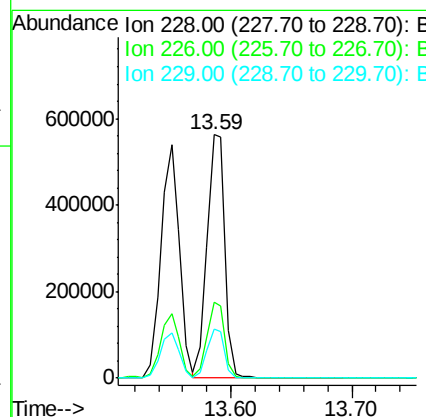
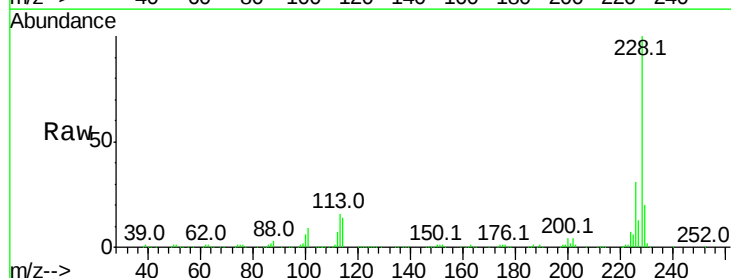
Instrument :
 BNA_F
 ClientSampleId :

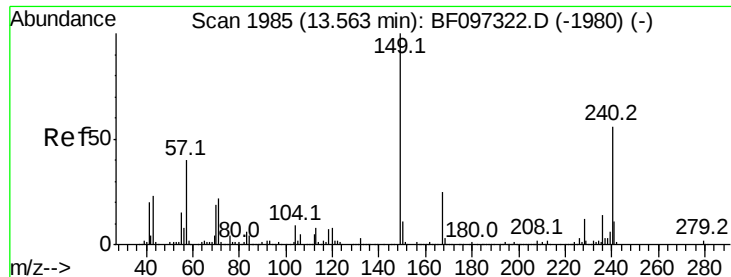
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.5	77.3
126	14.6	15.8	23.8#



#82
 Chrysene
 Concen: 41.932 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	15.8	23.6

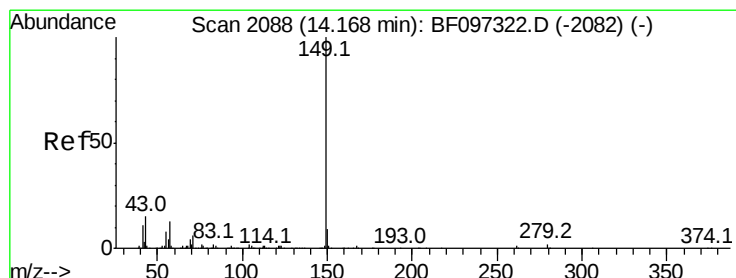
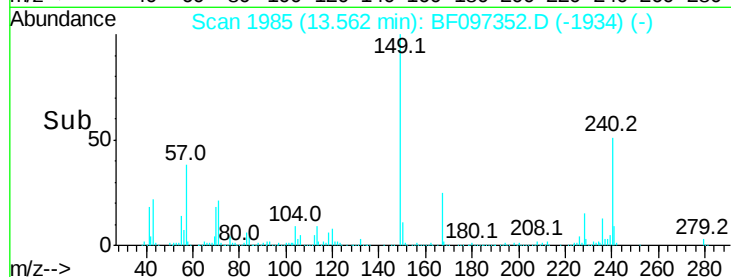
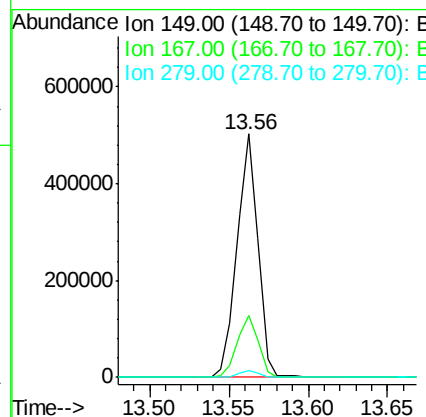
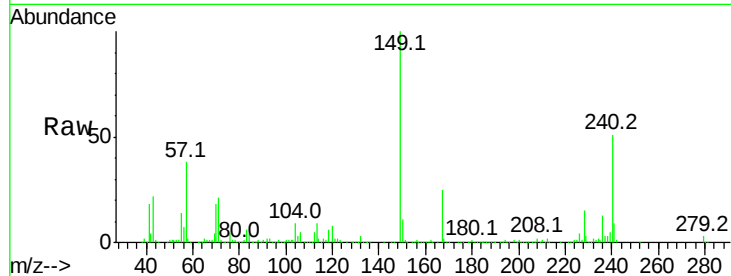




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.144 ng
 RT: 13.56 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

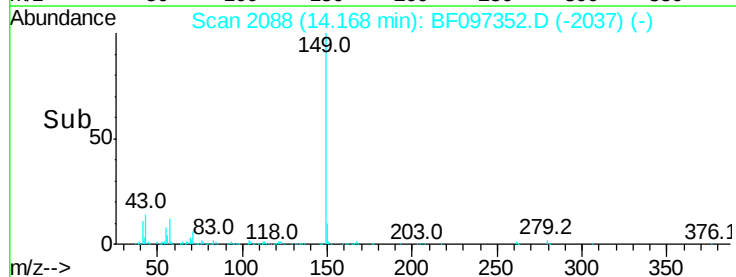
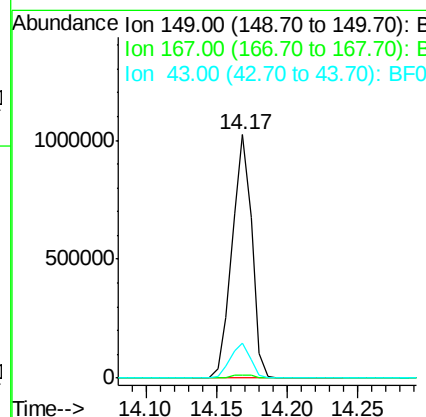
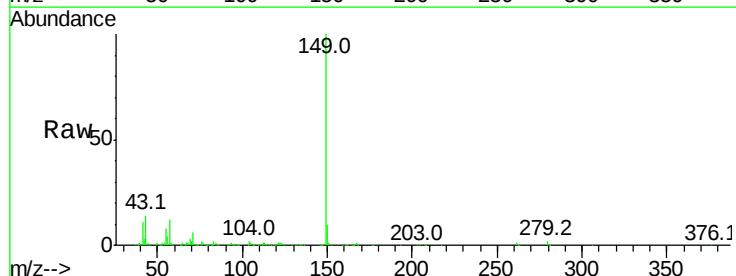
Instrument :
 BNA_F
 ClientSampleId :

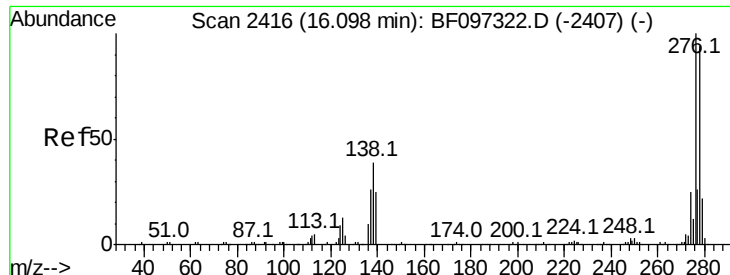
Tot Ion:149 Resp: 461363
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 2.5 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 45.816 ng
 RT: 14.17 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:149 Resp: 990963
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 14.5 8.5 12.7#

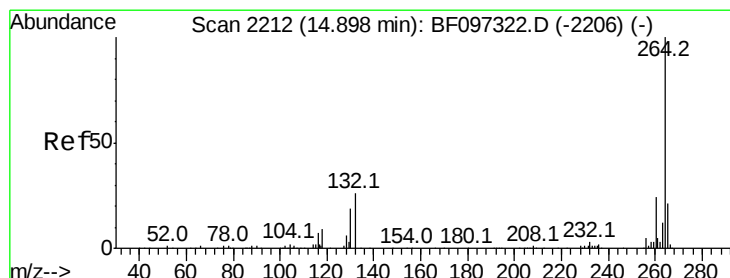
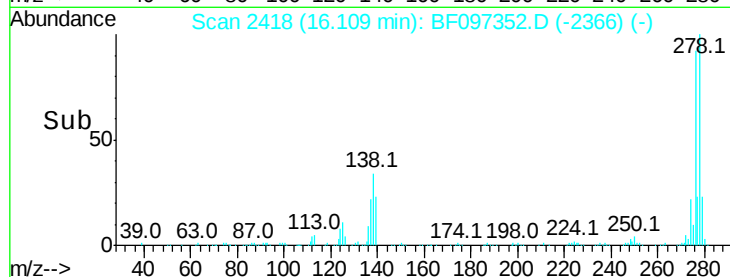
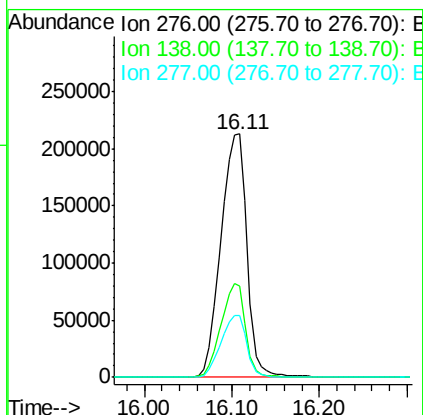
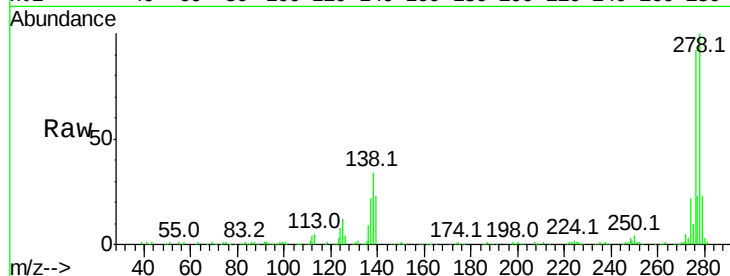




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.376 ng
 RT: 16.11 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

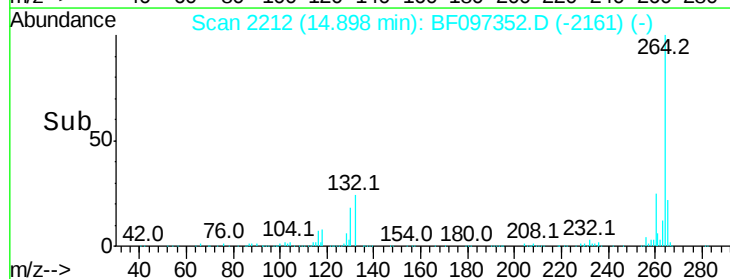
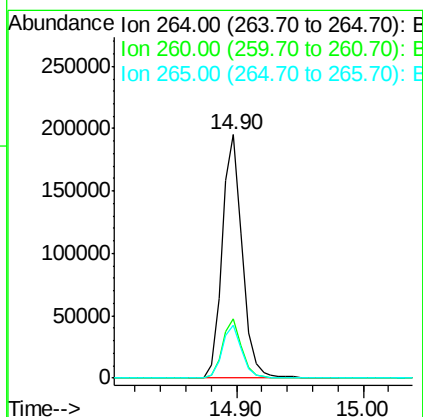
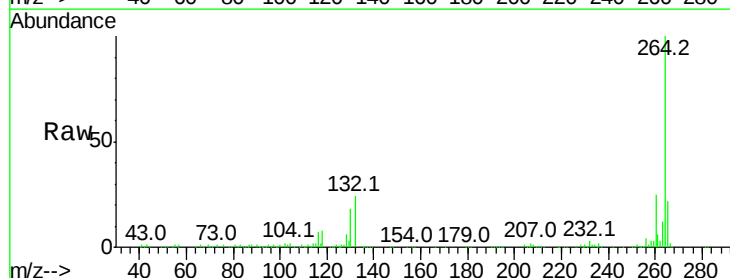
Instrument :
 BNA_F
 ClientSampleId :

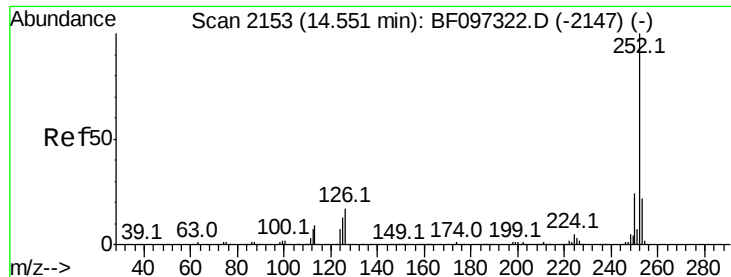
Tot Ion:276 Resp: 438937
 Ion Ratio Lower Upper
 276 100
 138 36.4 27.8 41.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.90 min Scan# 2212
 Delta R.T. -0.00 min
 Lab File: BF097352.D
 Acq: 4 Aug 2017 13:14

Tgt Ion:264 Resp: 213416
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 45.286 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

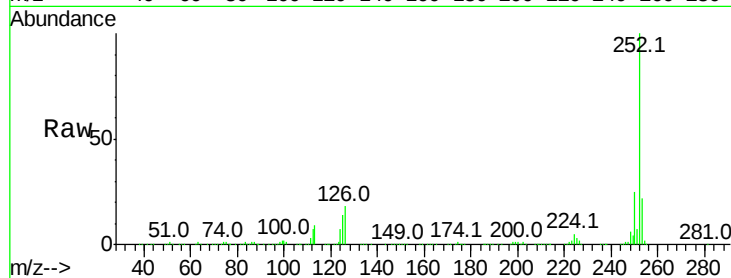
Tot Ion:252 Resp: 580970

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

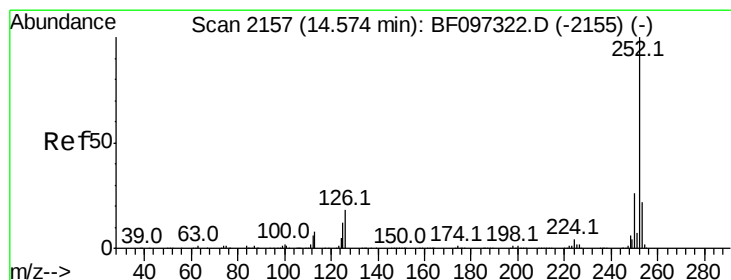
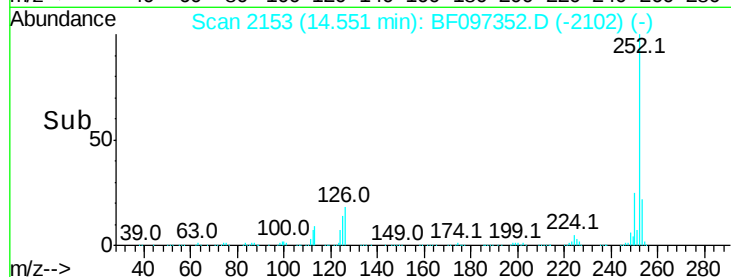
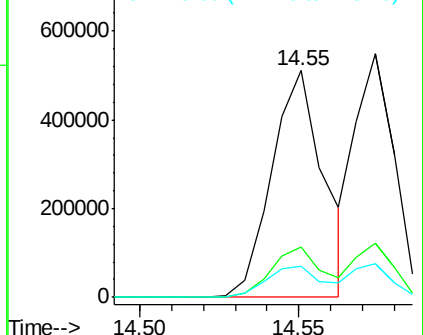
125 13.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.964 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

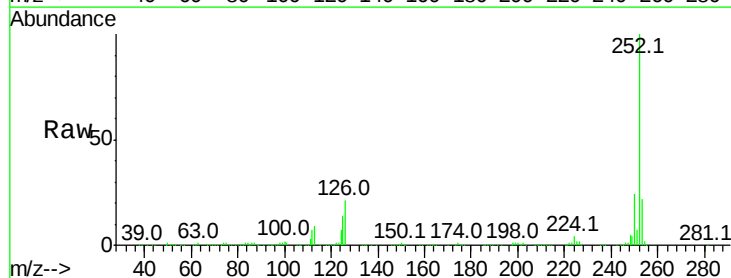
Tgt Ion:252 Resp: 476333

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

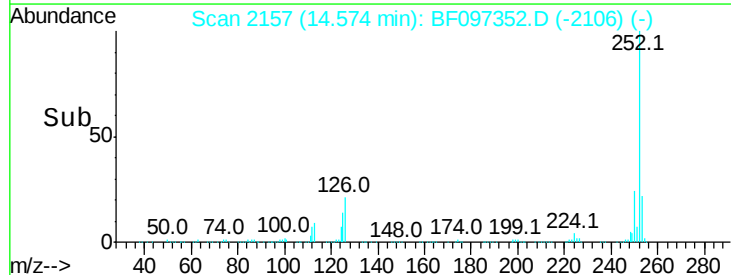
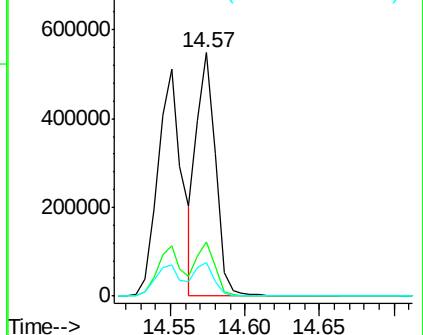
125 14.1 13.1 19.7

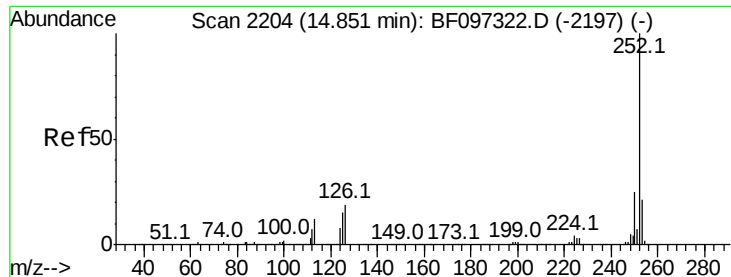


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

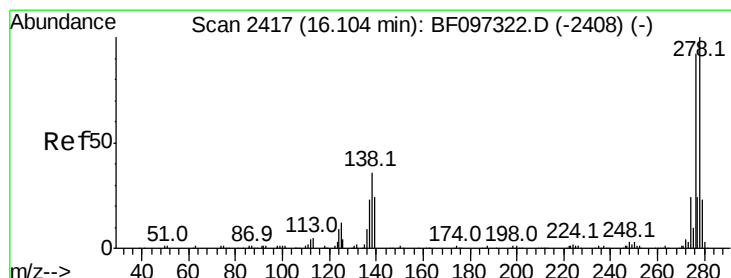
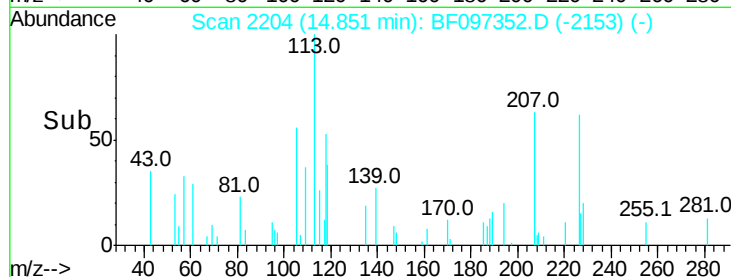
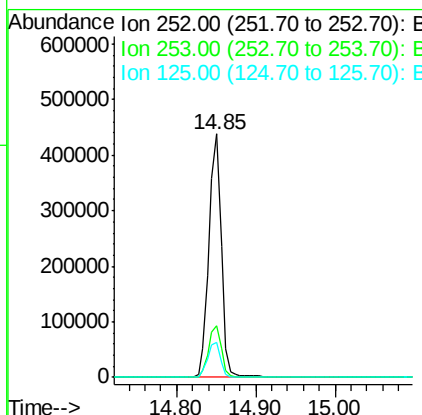
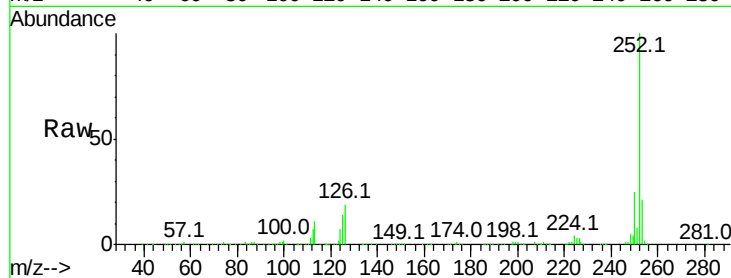




#89
Benzo(a)pyrene
Concen: 40.965 ng
RT: 14.85 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

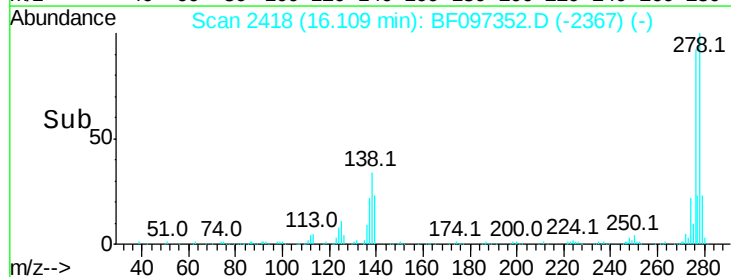
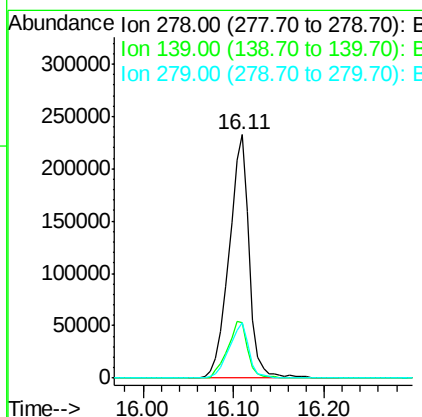
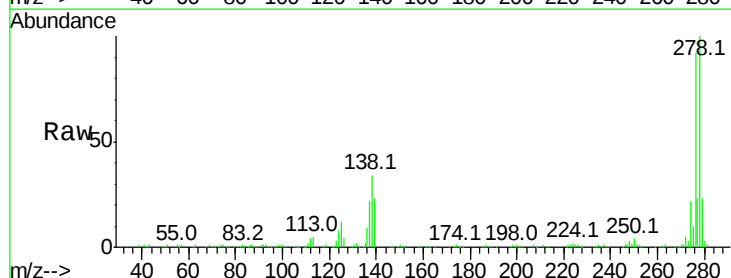
Instrument :
BNA_F
ClientSampleId :

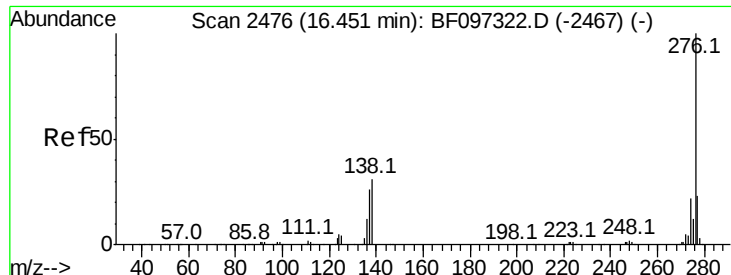
Tot Ion:252 Resp: 480986
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.2 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.227 ng
RT: 16.11 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BF097352.D
Acq: 4 Aug 2017 13:14

Tgt Ion:278 Resp: 358441
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 22.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 37.095 ng

RT: 16.46 min Scan# 2477

Delta R.T. -0.00 min

Lab File: BF097352.D

Acq: 4 Aug 2017 13:14

Instrument :

BNA_F

ClientSampleId :

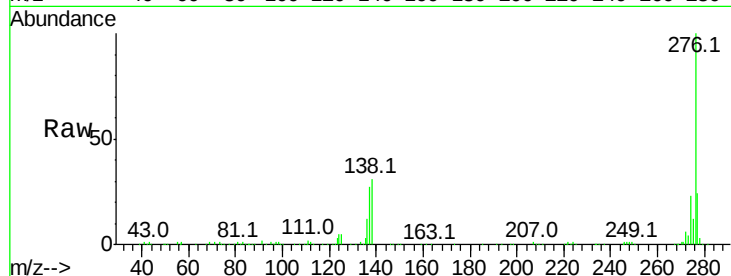
Tot Ion:276 Resp: 374555

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 31.3 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

