

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095594.D
 Acq On : 1 Jun 2017 14:52
 Operator : SJ/MA
 Sample : PB99358BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:16:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	86621	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	380073	20.00	ng	-0.02
38) Acenaphthene-d10	12.40	164	170554	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	331158	20.00	ng	-0.02
75) Chrysene-d12	18.50	240	249520	20.00	ng	-0.01
86) Perylene-d12	20.17	264	167489	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	797373	153.47	ng	0.00
7) Phenol-d6	7.10	99	866231	138.96	ng	-0.01
23) Nitrobenzene-d5	8.45	82	548522	91.01	ng	-0.02
41) 2,4,6-Tribromophenol	13.70	330	191304	136.96	ng	-0.01
44) 2-Fluorobiphenyl	11.35	172	1003551	84.69	ng	-0.02
78) Terphenyl-d14	17.15	244	946525	83.55	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.94	88	99362	38.99	ng	95
6) Aniline	7.04	93	181832	23.10	ng	98
8) 2-Chlorophenol	7.23	128	263753	44.60	ng	95
9) Benzaldehyde	6.86	77	36569	9.61	ng	91
10) Phenol	7.12	94	328137	49.95	ng	90
11) bis(2-Chloroethyl)ether	7.17	93	222939	41.11	ng	97
12) 1,3-Dichlorobenzene	7.56	146	280368	41.80	ng	98
13) 1,4-Dichlorobenzene	7.80	146	272735	40.09	ng	95
14) 1,2-Dichlorobenzene	7.80	146	272735	42.95	ng	96
15) Benzyl Alcohol	7.83	79	219325	54.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.04	45	314495	40.97	ng	96
17) 2-Methylphenol	8.06	107	233183	48.18	ng	94
18) Hexachloroethane	8.32	117	101224	43.92	ng	87
19) n-Nitroso-di-n-propylamine	8.26	70	196589	46.63	ng	94
20) 3+4-Methylphenols	8.33	107	317516	48.28	ng	# 60
22) Acetophenone	8.22	105	393461	43.15	ng	# 83
24) Nitrobenzene	8.48	77	276751	43.81	ng	91
25) Isophorone	8.88	82	489292	45.46	ng	95
26) 2-Nitrophenol	8.99	139	155471	45.61	ng	98
27) 2,4-Dimethylphenol	9.14	122	239902	43.53	ng	98
28) bis(2-Chloroethoxy)methane	9.26	93	318210	42.74	ng	98
29) 2,4-Dichlorophenol	9.42	162	239005	45.93	ng	97
30) 1,2,4-Trichlorobenzene	9.50	180	228537	40.99	ng	96
31) Naphthalene	9.60	128	777897	40.72	ng	100
32) Benzoic acid	9.47	122	94993	28.55	ng	91
33) 4-Chloroaniline	9.76	127	132970	18.68	ng	# 90
34) Hexachlorobutadiene	9.82	225	105985	36.03	ng	99
35) Caprolactam	10.39	113	42939	27.48	ng	# 83
36) 4-Chloro-3-methylphenol	10.62	107	235548	42.33	ng	91
37) 2-Methylnaphthalene	10.73	142	512802	40.90	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	200000	38.13	ng	100
40) Hexachlorocyclopentadiene	10.98	237	100174	48.05	ng	98
42) 2,4,6-Trichlorophenol	11.24	196	147391	42.09	ng	98
43) 2,4,5-Trichlorophenol	11.33	196	140712	37.39	ng	94

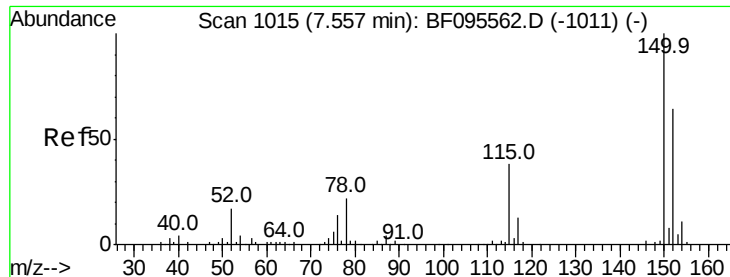
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	11.50	154	596716	41.55	nq	97
46) 2-Chloronaphthalene	11.51	162	467237	40.30	nq	94
47) 2-Nitroaniline	11.73	65	142823	45.00	nq	# 79
48) Acenaphthylene	12.17	152	819800	45.14	nq	98
49) Dimethylphthalate	12.05	163	581188	41.51	nq	99
50) 2,6-Dinitrotoluene	12.14	165	132572	46.41	nq	# 87
51) Acenaphthene	12.45	154	448995	41.39	nq	98
52) 3-Nitroaniline	12.42	138	85892	28.02	nq	90
53) 2,4-Dinitrophenol	12.63	184	73210	49.15	nq	# 65
54) Dibenzofuran	12.74	168	700799	46.69	nq	97
55) 4-Nitrophenol	12.82	139	145105	78.80	nq	# 74
56) 2,4-Dinitrotoluene	12.82	165	177824	48.45	nq	# 87
57) Fluorene	13.29	166	589395	45.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.99	232	119565	50.47	nq	# 92
59) Diethylphthalate	13.20	149	564780	42.08	nq	99
60) 4-Chlorophenyl-phenylether	13.32	204	255696	44.57	nq	92
61) 4-Nitroaniline	13.42	138	132641	47.13	nq	97
62) Azobenzene	13.57	77	517054	47.95	nq	95
64) 4,6-Dinitro-2-methylphenol	13.49	198	73728	33.21	nq	# 68
65) n-Nitrosodiphenylamine	13.53	169	513507	42.72	nq	98
66) 4-Bromophenyl-phenylether	14.10	248	141351	40.40	nq	95
67) Hexachlorobenzene	14.19	284	141069	39.34	nq	# 89
68) Atrazine	14.46	200	153594	45.26	nq	98
69) Pentachlorophenol	14.55	266	83773	53.75	nq	96
70) Phenanthrene	14.84	178	827031	43.47	nq	98
71) Anthracene	14.92	178	825556	42.48	nq	98
72) Carbazole	15.22	167	782662	44.26	nq	97
73) Di-n-butylphthalate	15.79	149	884189	40.09	nq	99
74) Fluoranthene	16.60	202	832393	42.65	nq	99
76) Benzidine	16.83	184	164970	27.68	nq	# 92
77) Pyrene	16.90	202	836506	44.83	nq	99
79) Butylbenzylphthalate	17.81	149	384220	44.26	nq	# 86
80) Benzo(a)anthracene	18.49	228	621162	42.77	nq	99
81) 3,3'-Dichlorobenzidine	18.47	252	133762	26.67	nq	# 96
82) Chrysene	18.53	228	592795	42.22	nq	99
83) Bis(2-ethylhexyl)phthalate	18.56	149	520812	42.11	nq	98
84) Di-n-octyl phthalate	19.33	149	787821	38.85	nq	96
85) Indeno(1,2,3-cd)pyrene	21.40	276	413913	36.30	nq	100
87) Benzo(b)fluoranthene	19.76	252	477106	46.10	nq	98
88) Benzo(k)fluoranthene	19.79	252	441019	44.18	nq	96
89) Benzo(a)pyrene	20.11	252	415927	43.55	nq	98
90) Dibenzo(a,h)anthracene	21.40	278	341935	43.35	nq	97
91) Benzo(g,h,i)perylene	21.76	276	366104	47.30	nq	98

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

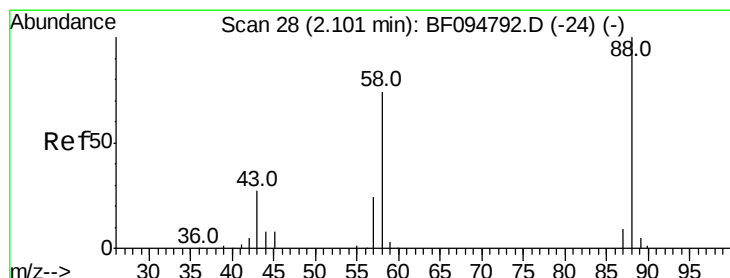
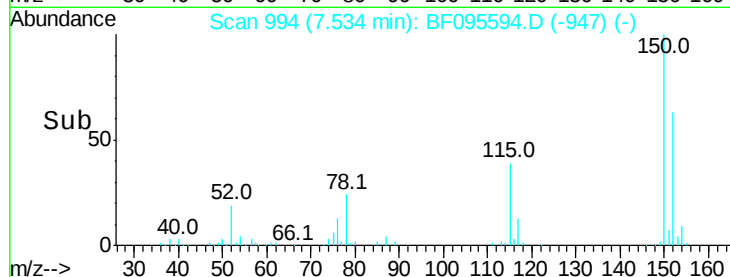
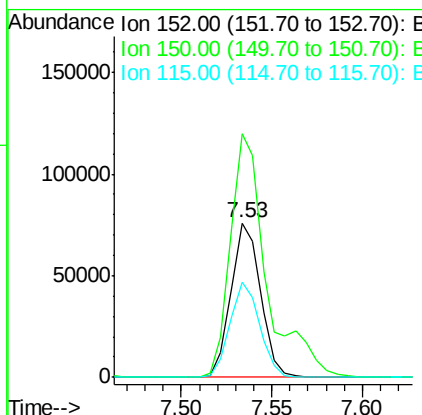
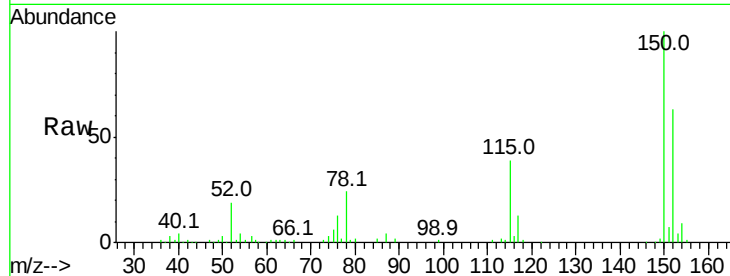


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.53 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

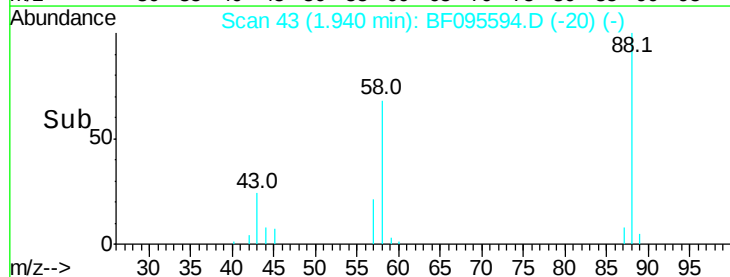
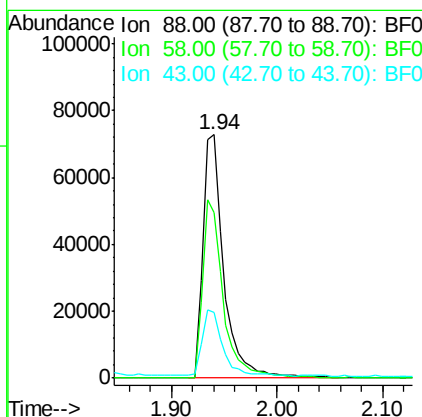
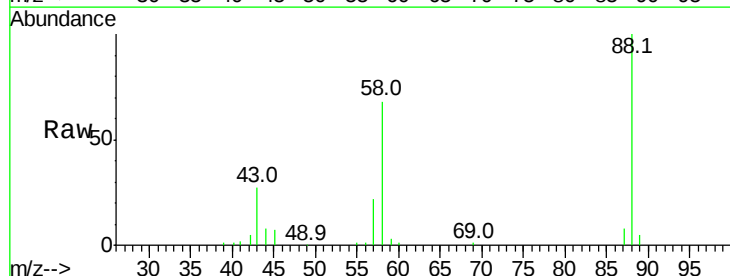
Tot Ion:152 Resp: 86621
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 61.6 52.2 78.2

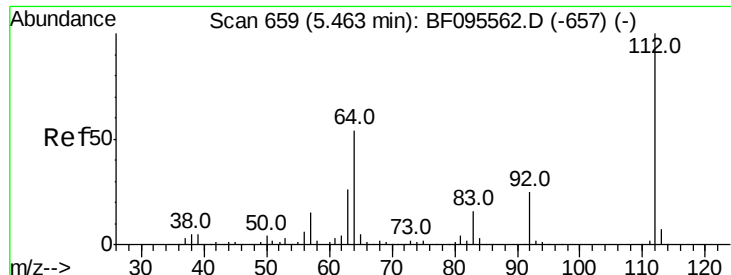


#2

1,4-Dioxane
 Concen: 38.99 ng
 RT: 1.94 min Scan# 43
 Delta R.T. -0.16 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion: 88 Resp: 99362
 Ion Ratio Lower Upper
 88 100
 58 72.1 61.4 92.0
 43 26.9 23.4 35.0





#5

2-Fluorophenol

Concen: 153.47 ng

RT: 5.47 min Scan# 643

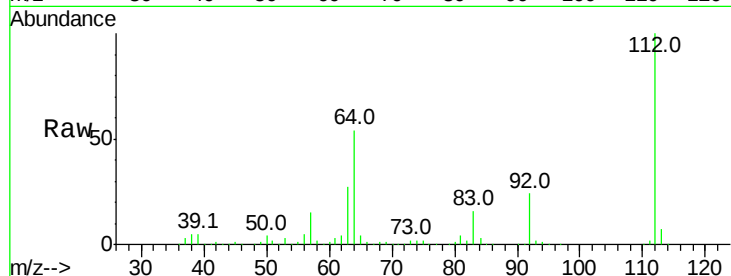
Delta R.T. 0.01 min

Lab File: BF095594.D

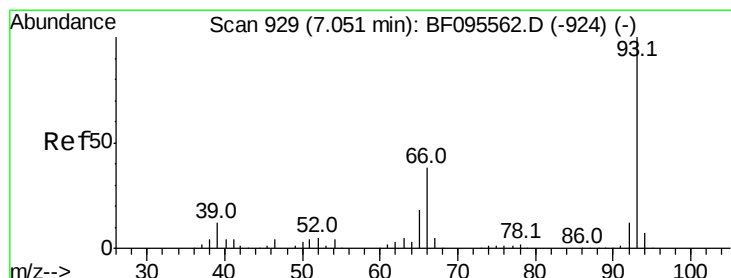
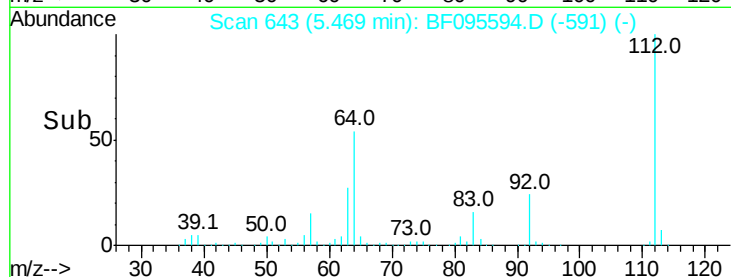
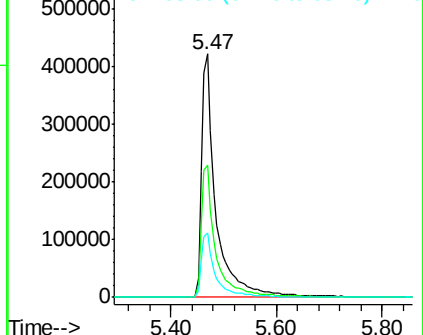
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	797373
Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.5	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 23.10 ng

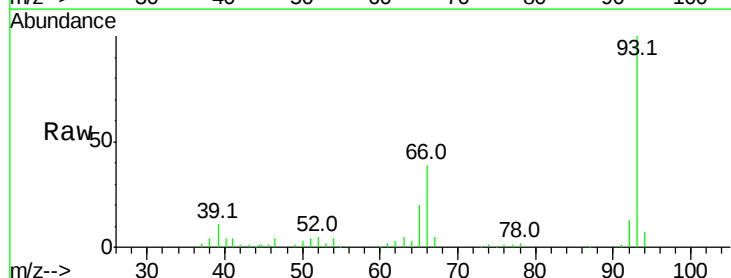
RT: 7.04 min Scan# 910

Delta R.T. -0.01 min

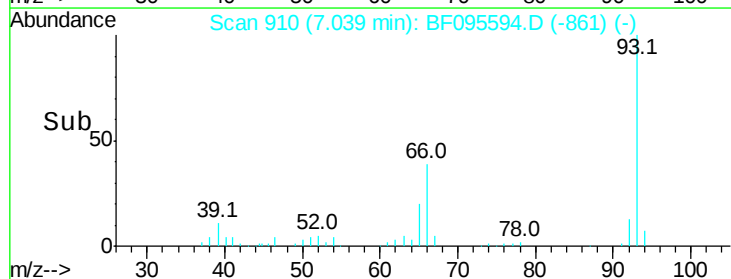
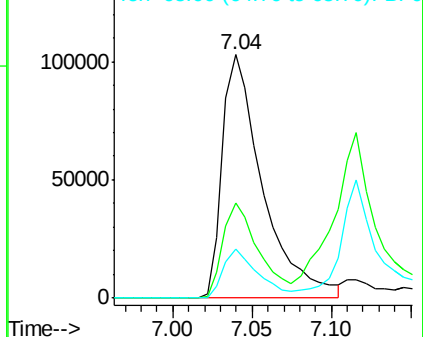
Lab File: BF095594.D

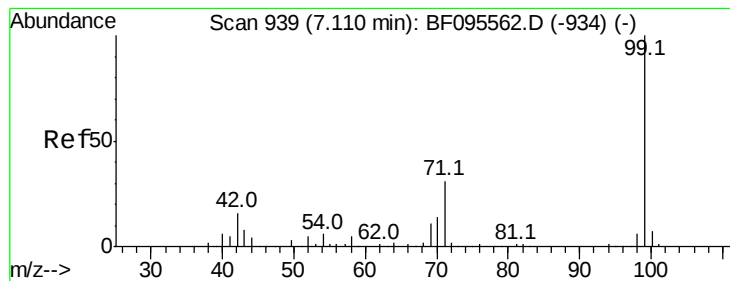
Acq: 1 Jun 2017 14:52

Tgt Ion:	93	Resp:	181832
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	20.0	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 138.96 ng

RT: 7.10 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

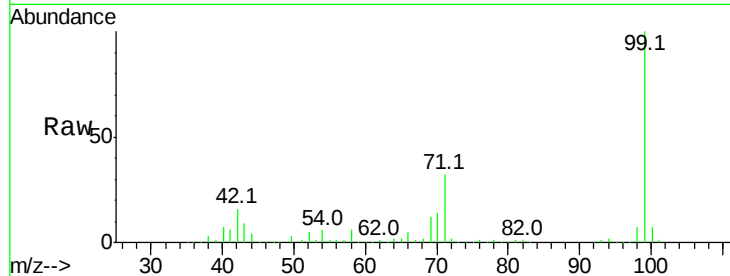
Tot Ion: 99 Resp: 866231

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

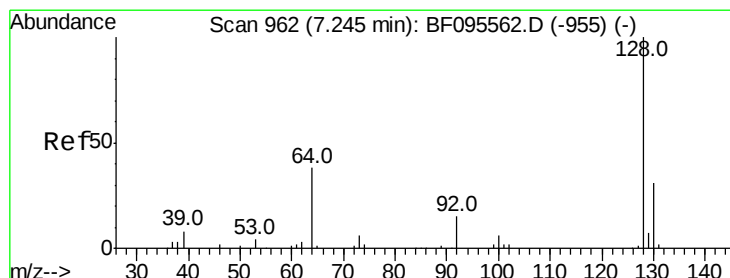
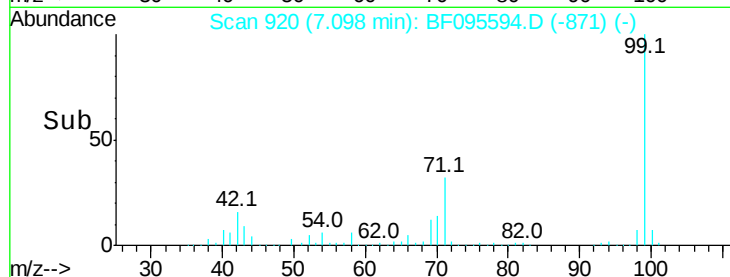
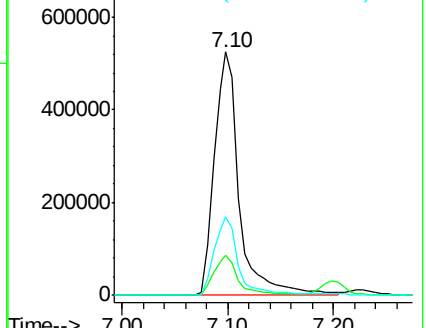
71 32.3 24.5 36.7



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: 44.60 ng

RT: 7.23 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

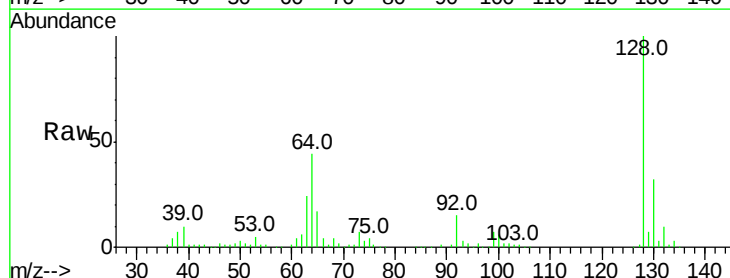
Tgt Ion: 128 Resp: 263753

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

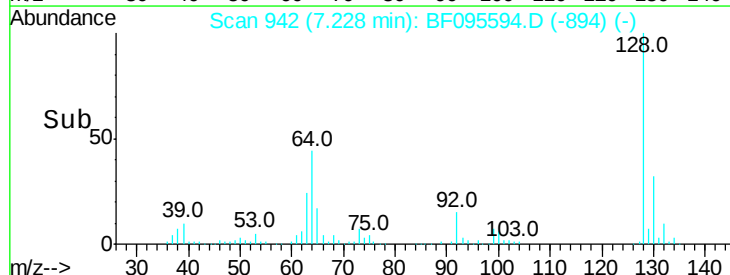
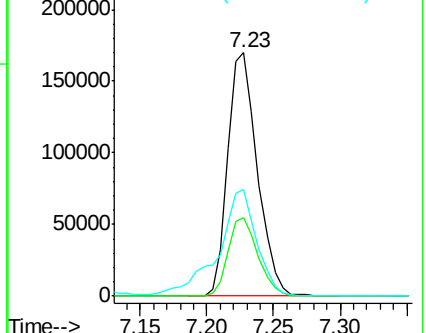
64 43.7 28.4 68.4

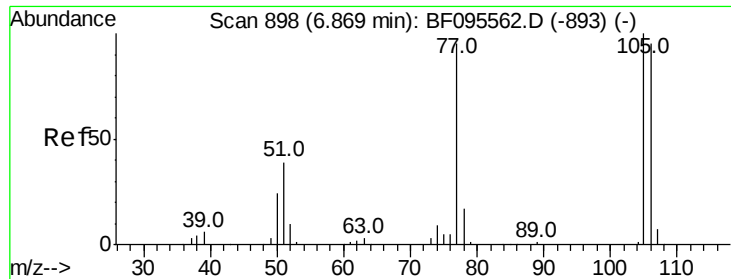


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.61 ng

RT: 6.86 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

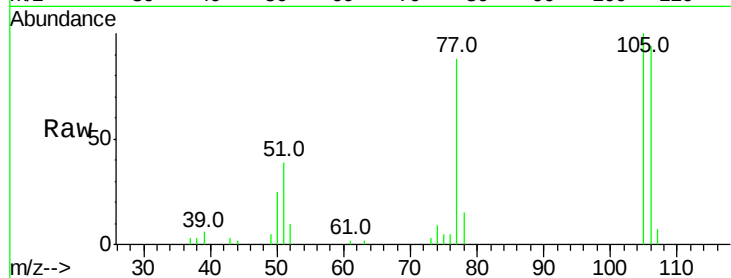
Tot Ion: 77 Resp: 36569

Ion Ratio Lower Upper

77 100

105 113.5 83.8 123.8

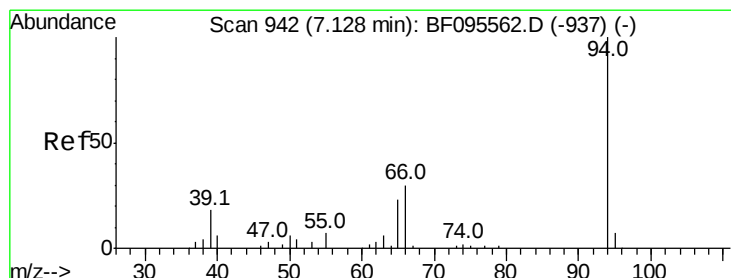
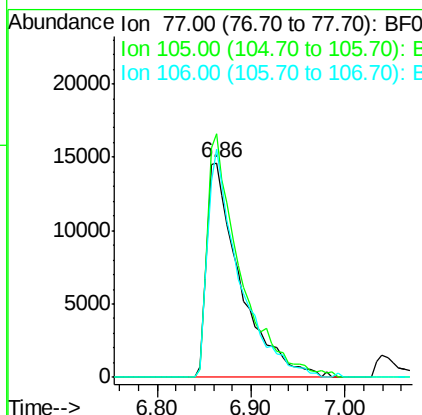
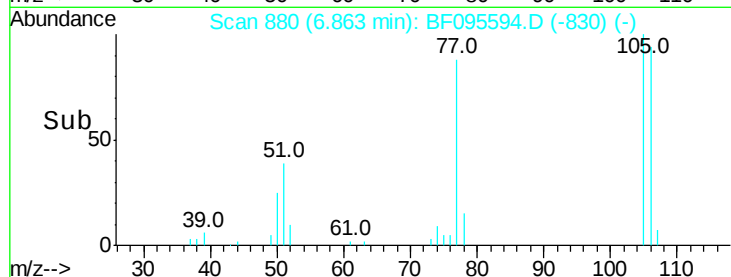
106 106.7 79.1 119.1



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: 49.95 ng

RT: 7.12 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

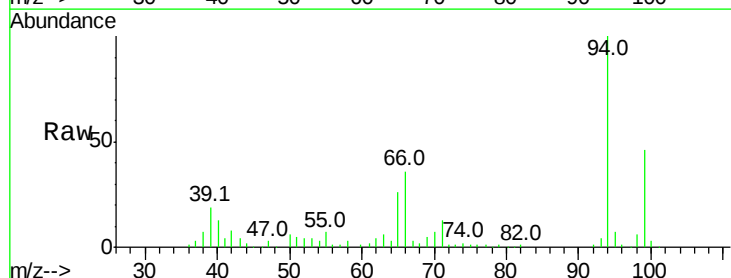
Tgt Ion: 94 Resp: 328137

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

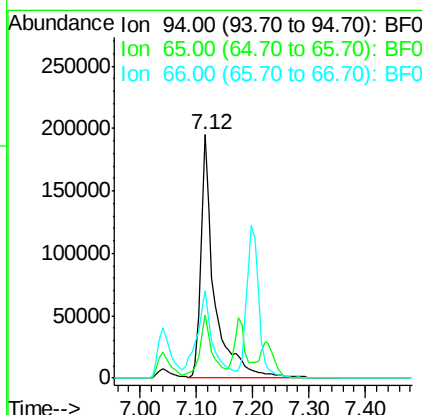
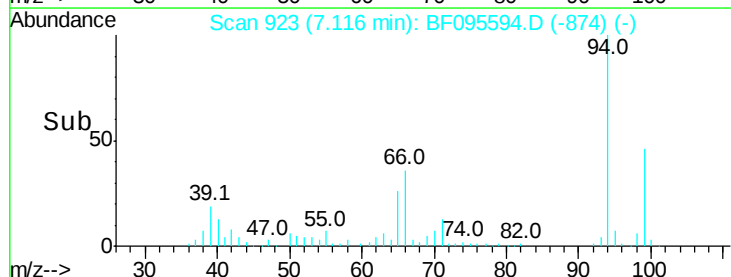
66 35.9 23.1 63.1

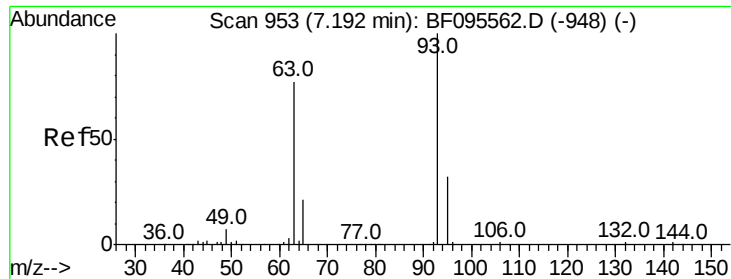


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

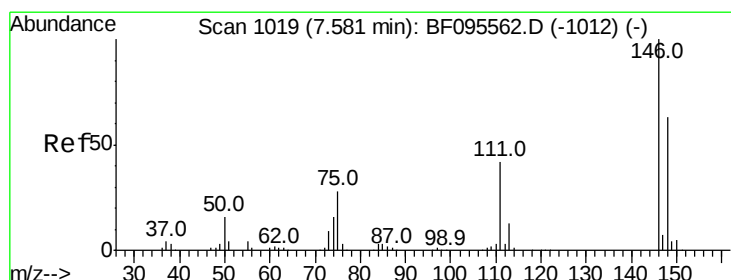
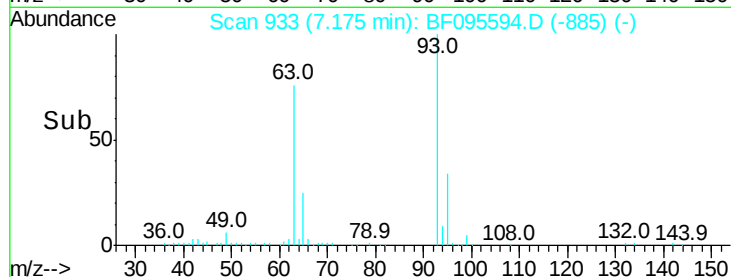
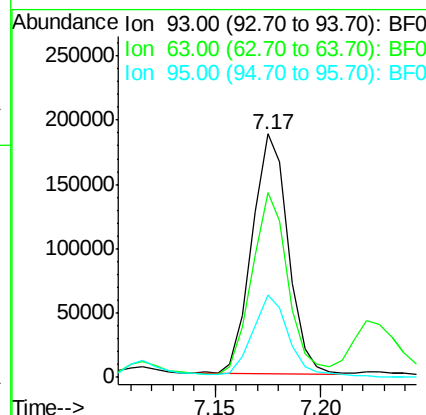
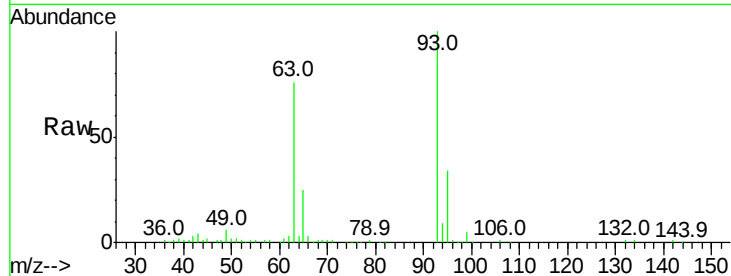




#11
bis(2-Chloroethyl)ether
Concen: 41.11 ng
RT: 7.17 min Scan# 933
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

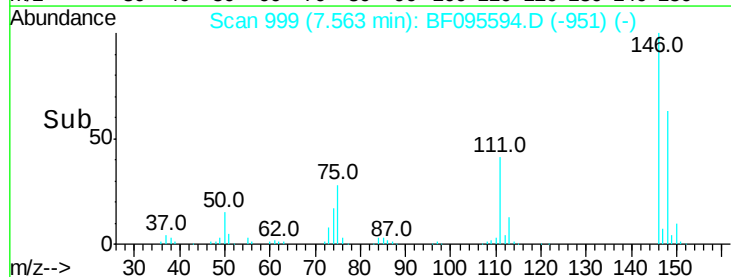
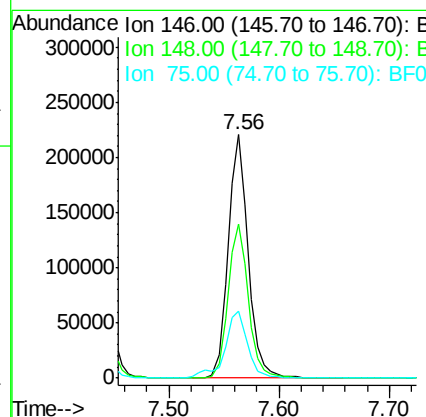
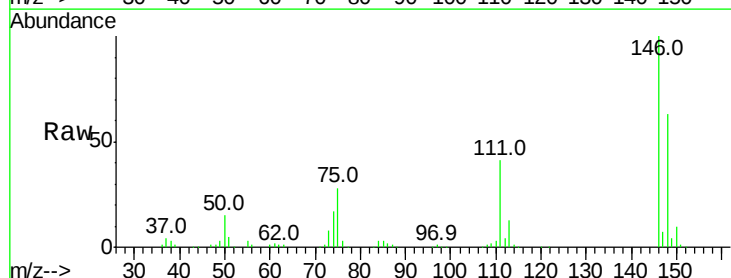
Instrument :
BNA_F
ClientSampleId :

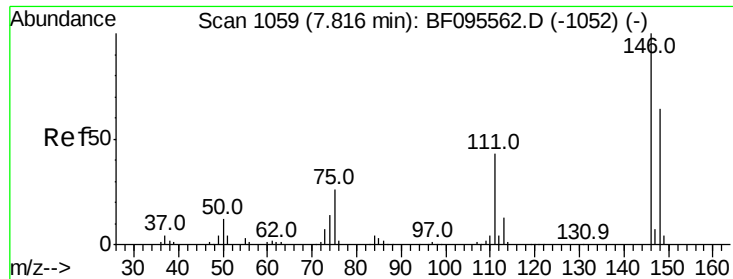
Tot Ion: 93 Resp: 222939
Ion Ratio Lower Upper
93 100
63 75.7 59.2 99.2
95 34.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.80 ng
RT: 7.56 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:146 Resp: 280368
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 27.6 23.1 34.7

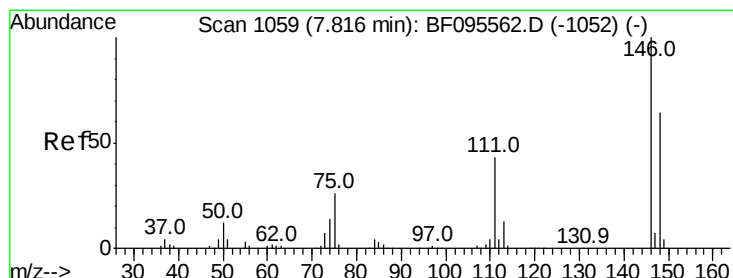
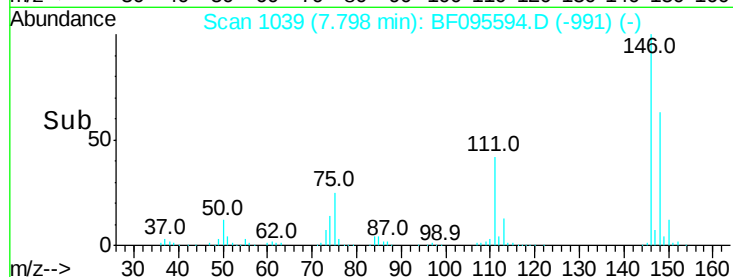
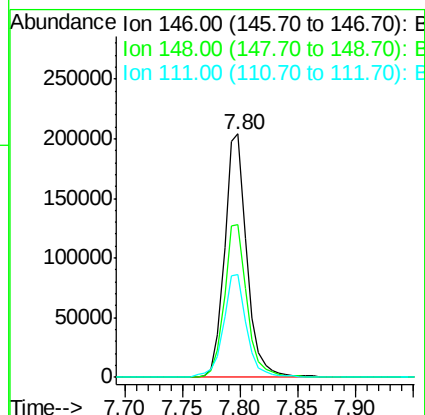
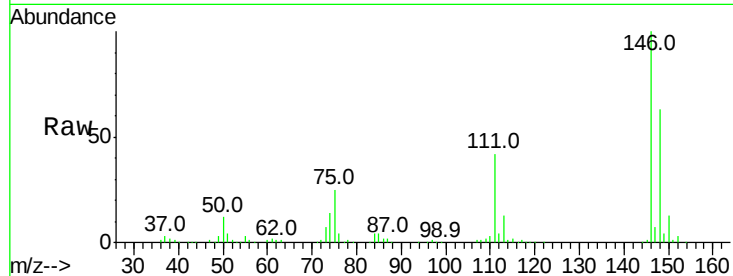




#13
 1,4-Dichlorobenzene
 Concen: 40.09 ng
 RT: 7.80 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

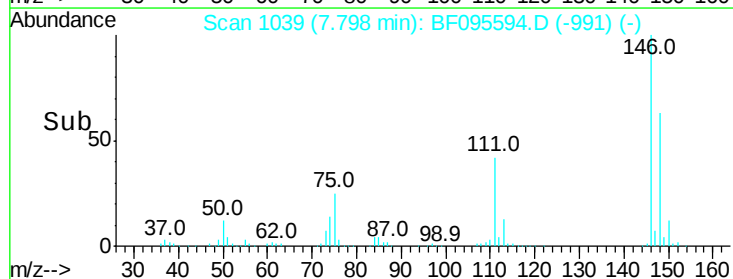
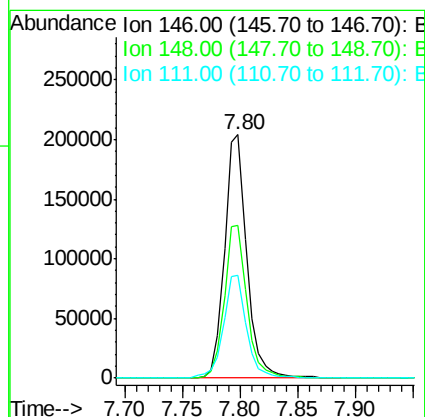
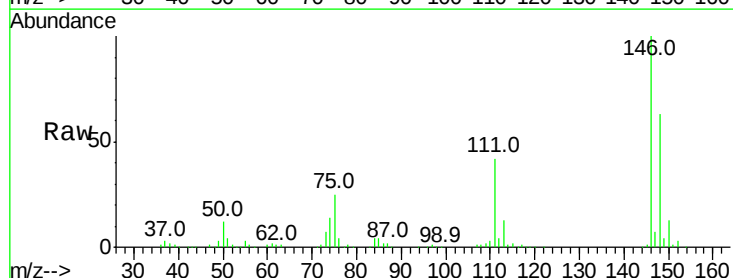
Instrument :
 BNA_F
 ClientSampled :

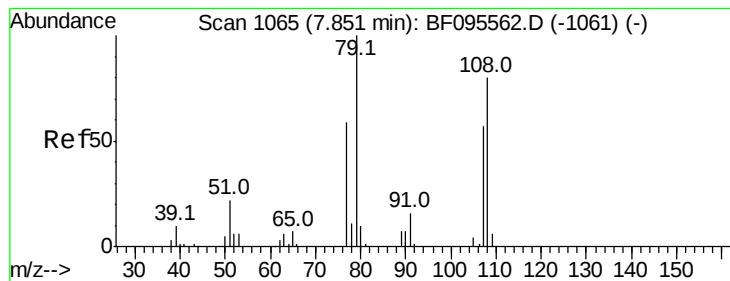
Tot Ion:146 Resp: 272735
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 42.0 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.95 ng
 RT: 7.80 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:146 Resp: 272735
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.4 75.6
 111 42.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 54.70 ng

RT: 7.83 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

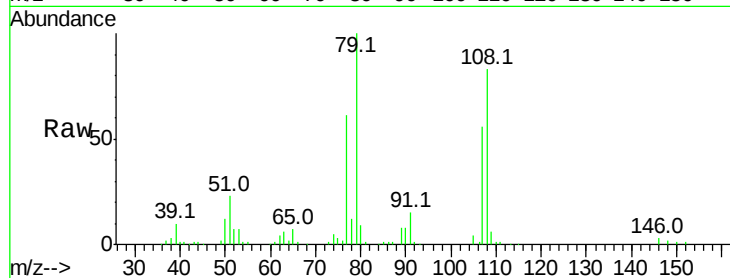
Tot Ion: 79 Resp: 219325

Ion Ratio Lower Upper

79 100

108 83.3 63.4 95.0

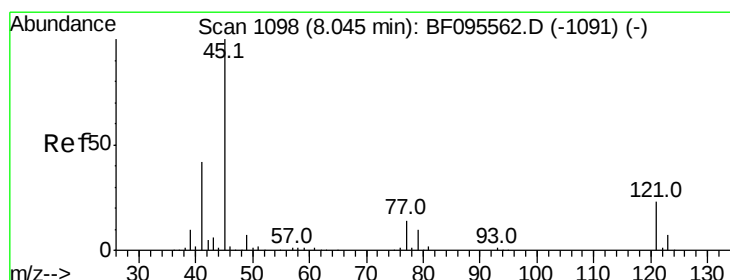
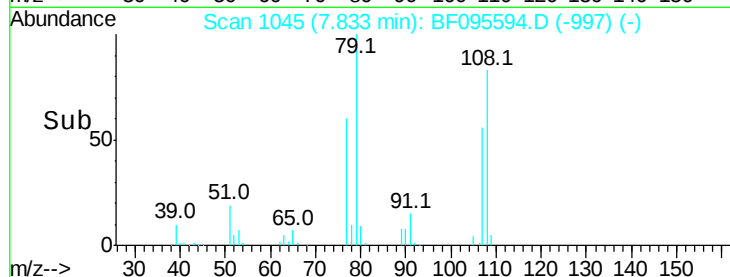
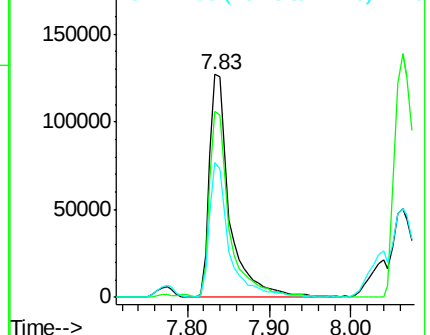
77 60.6 49.2 73.8



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: 40.97 ng

RT: 8.04 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

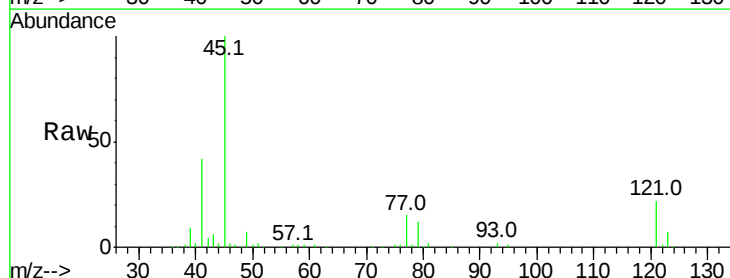
Tgt Ion: 45 Resp: 314495

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

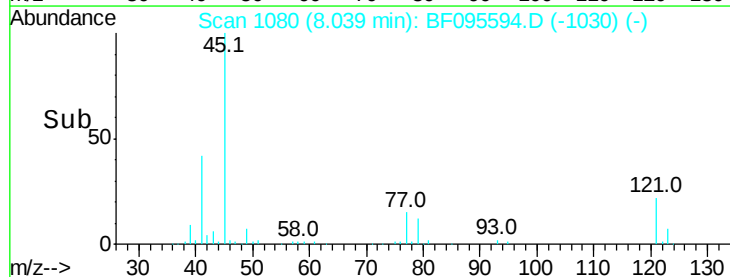
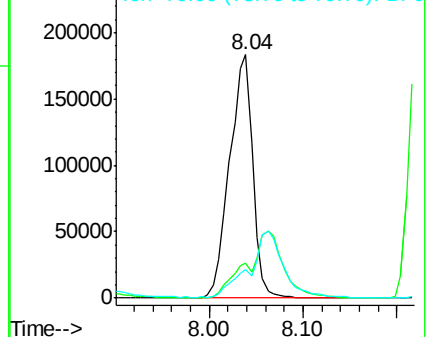
79 11.6 0.0 30.0

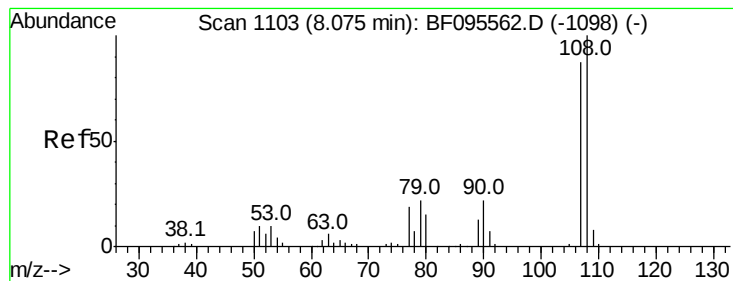


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

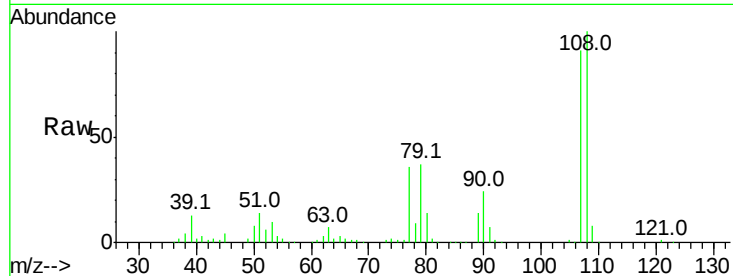




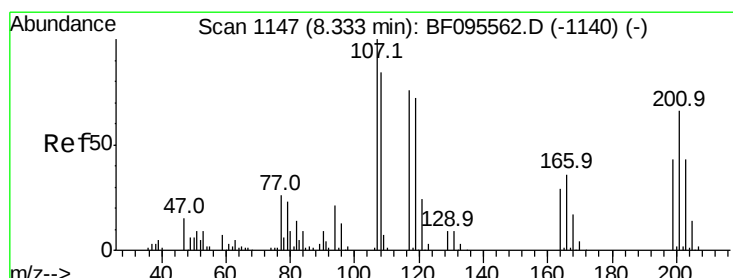
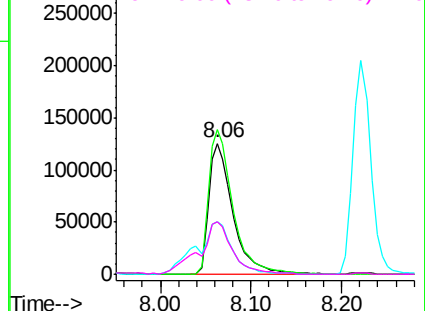
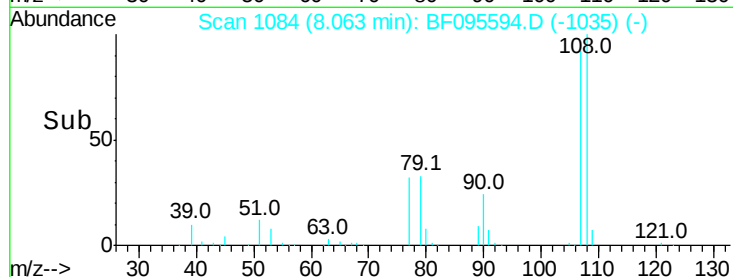
#17
2-Methylphenol
Concen: 48.18 ng
RT: 8.06 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 233183
Ion Ratio Lower Upper
107 100
108 110.4 93.4 140.0
77 40.2 35.8 53.6
79 40.5 34.8 52.2

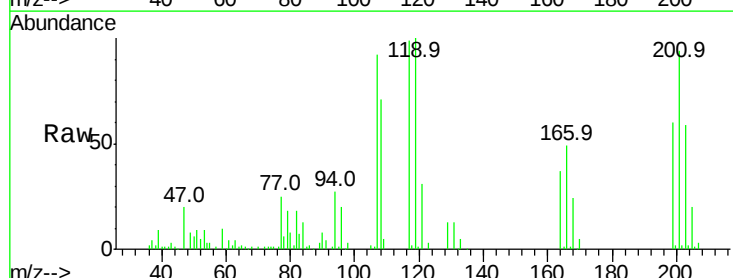


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

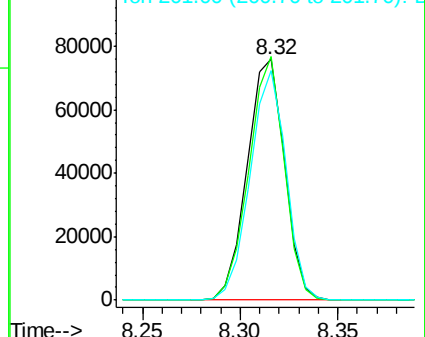
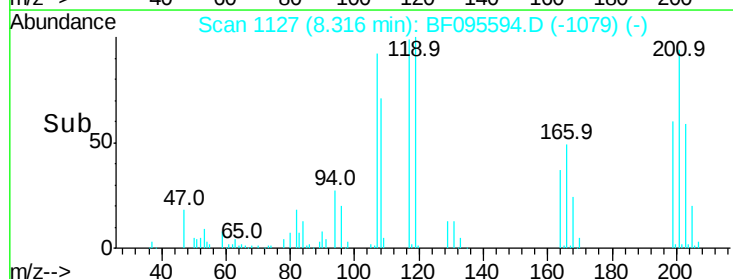


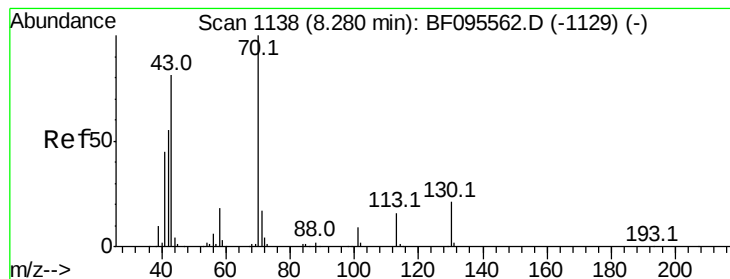
#18
Hexachloroethane
Concen: 43.92 ng
RT: 8.32 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:117 Resp: 101224
Ion Ratio Lower Upper
117 100
119 101.3 77.4 116.0
201 95.7 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: 46.63 ng

RT: 8.26 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 196589

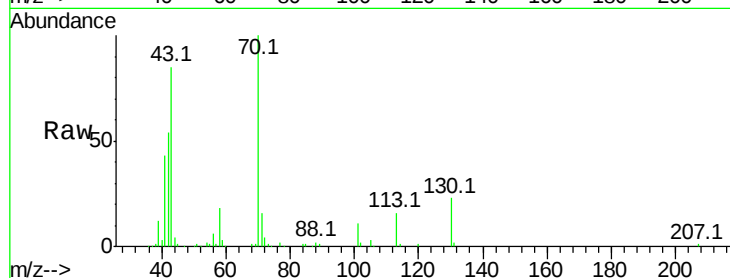
Ion Ratio Lower Upper

70 100

42 54.1 47.2 70.8

101 10.8 7.2 10.8

130 22.5 15.9 23.9

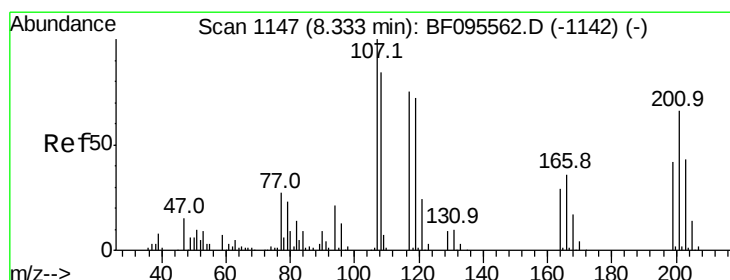
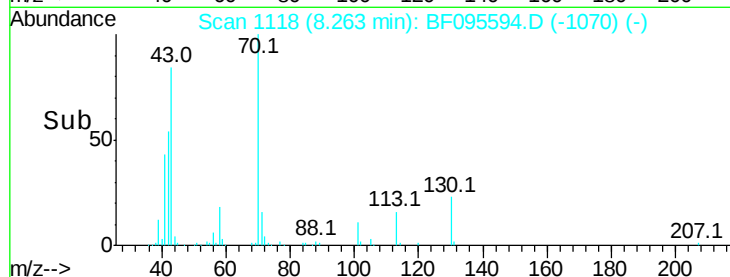
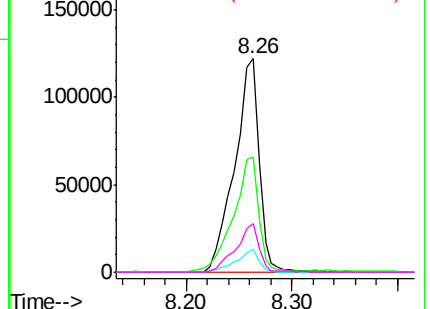


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.28 ng

RT: 8.33 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Tgt Ion: 107 Resp: 317516

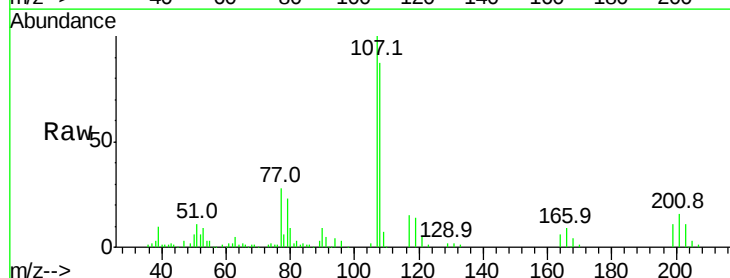
Ion Ratio Lower Upper

107 100

108 87.4 71.0 111.0

77 28.4 90.5 130.5#

79 23.4 8.4 48.4

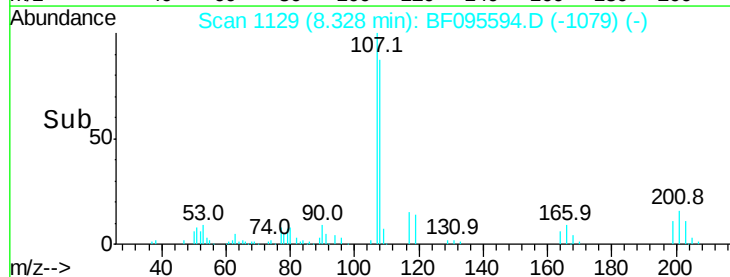
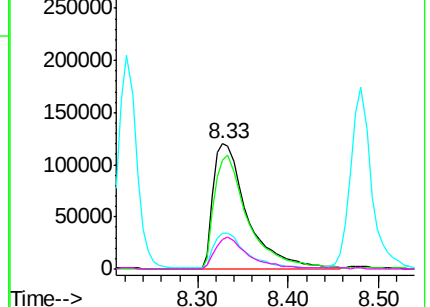


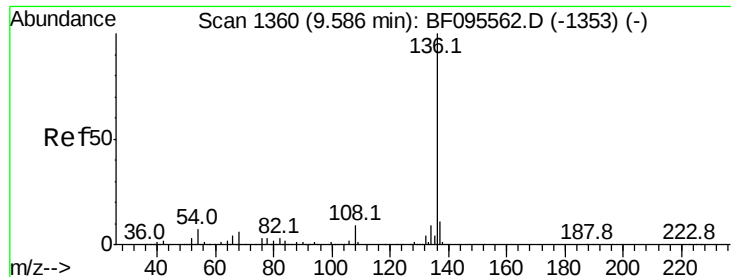
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 380073

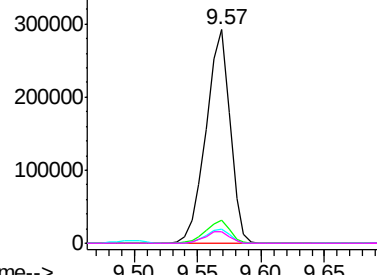
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.1	4.1	6.1

Abundance Ion 136.00 (135.70 to 136.70): E

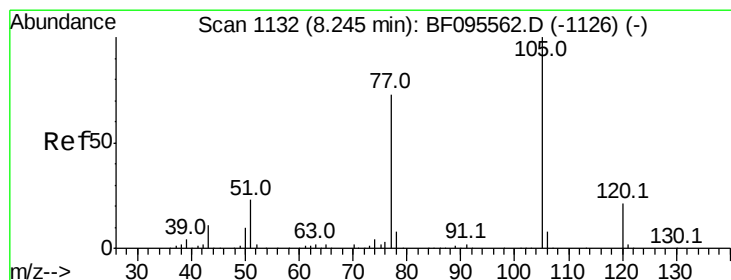
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.15 ng

RT: 8.22 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Tgt Ion:105 Resp: 393461

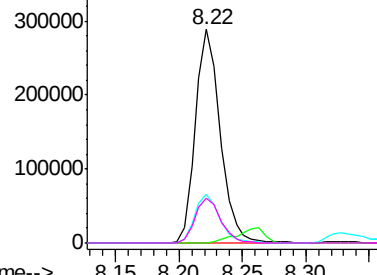
Ion	Ratio	Lower	Upper
105	100		
71	0.2	2.8	4.2#
51	22.6	30.7	46.1#
120	21.3	17.4	26.0

Abundance Ion 105.00 (104.70 to 105.70): E

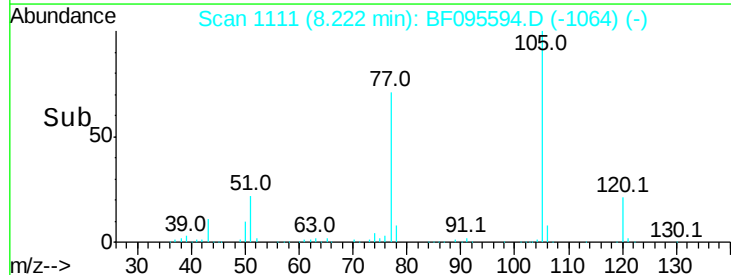
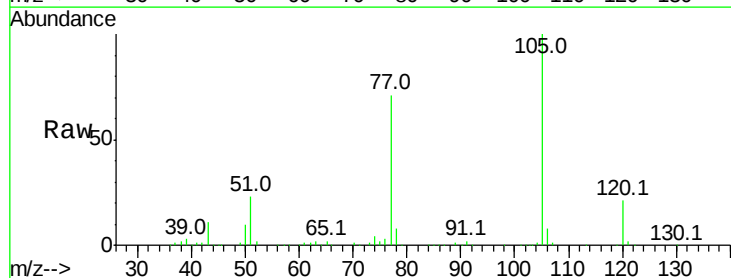
Ion 71.00 (70.70 to 71.70): BF0

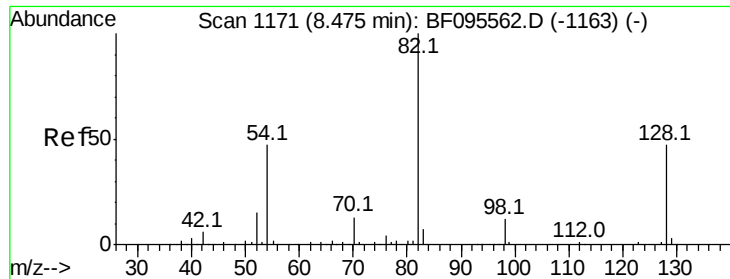
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

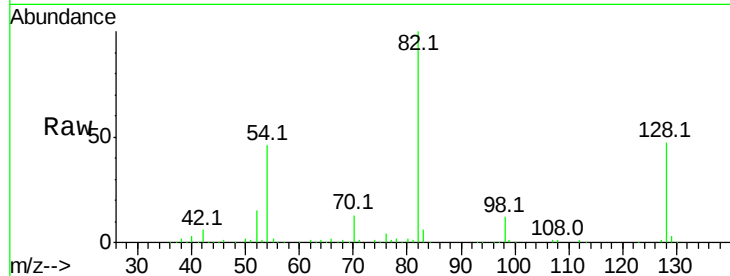




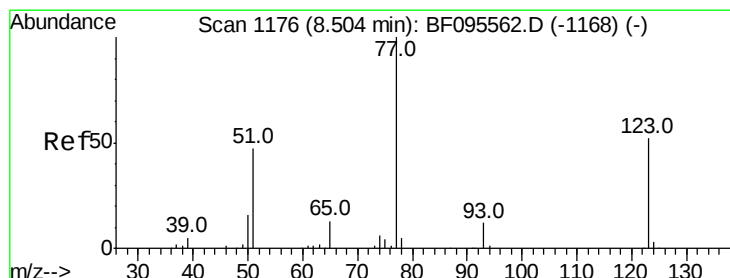
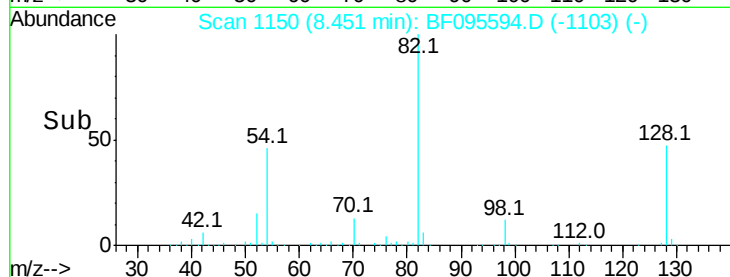
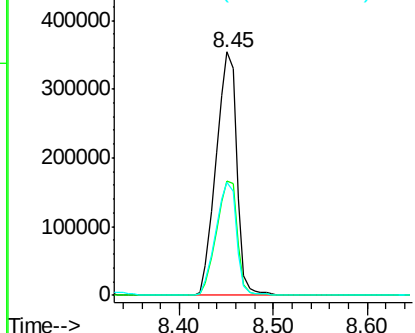
#23
Nitrobenzene-d5
Concen: 91.01 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 548522
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 46.4 42.2 63.2

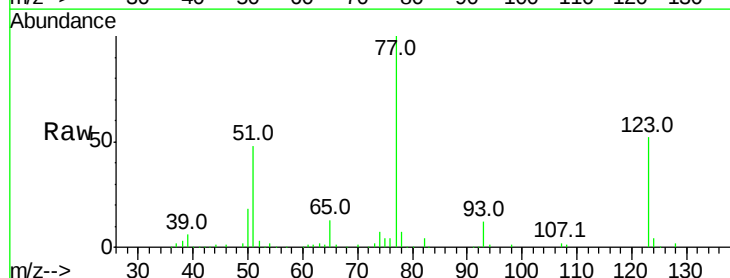


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

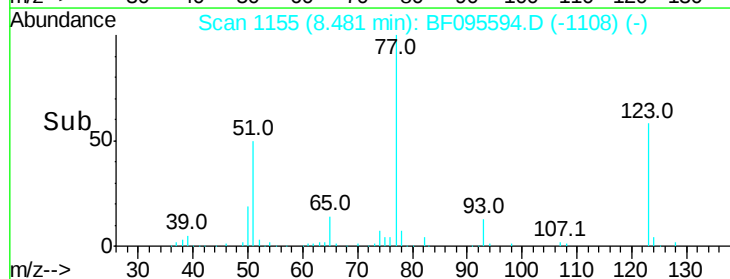
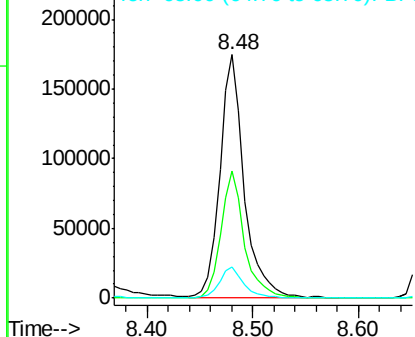


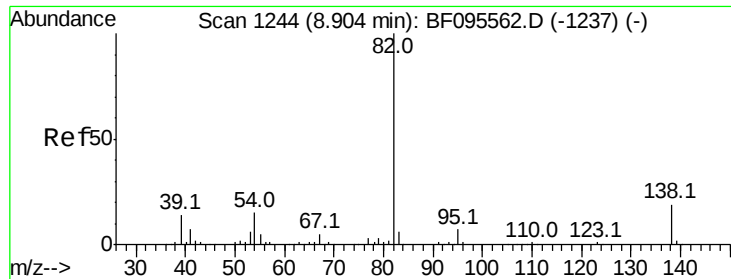
#24
Nitrobenzene
Concen: 43.81 ng
RT: 8.48 min Scan# 1155
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion: 77 Resp: 276751
Ion Ratio Lower Upper
77 100
123 52.1 35.8 53.8
65 12.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.46 ng

RT: 8.88 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

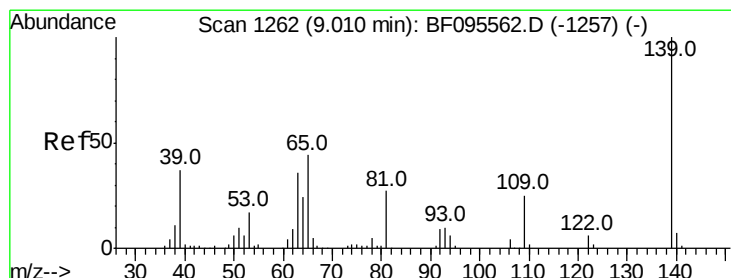
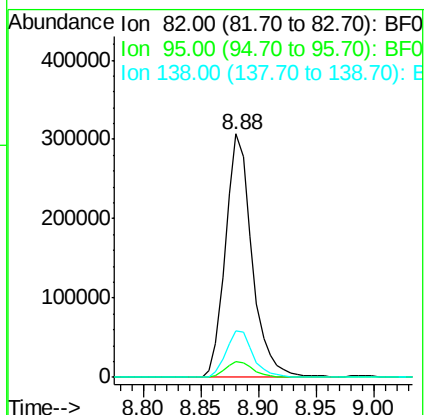
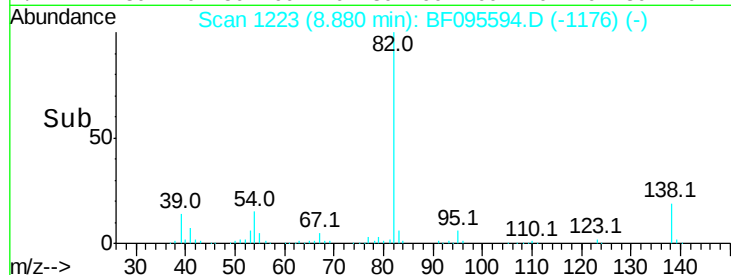
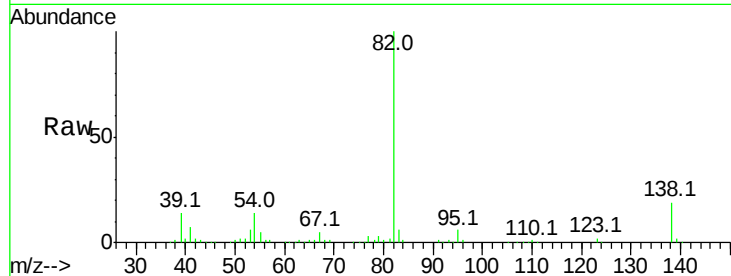
Tot Ion: 82 Resp: 489292

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 45.61 ng

RT: 8.99 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

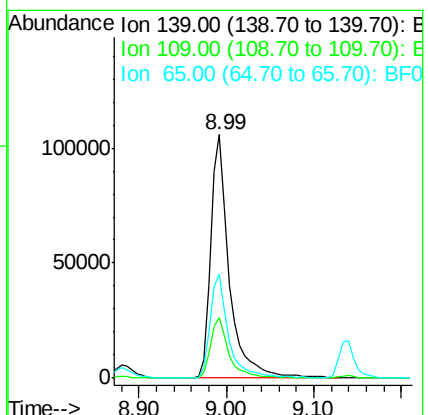
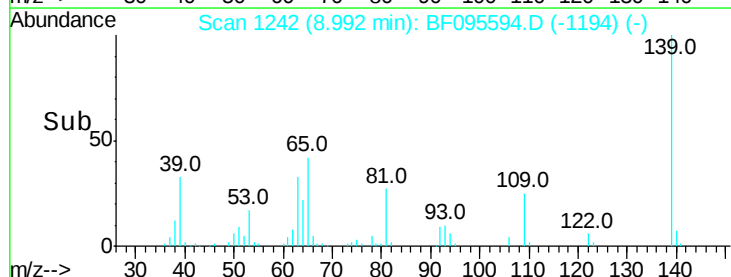
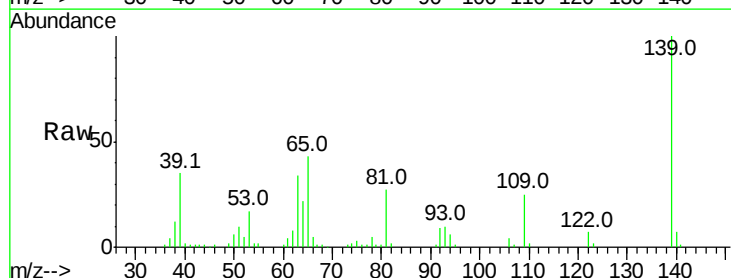
Tgt Ion:139 Resp: 155471

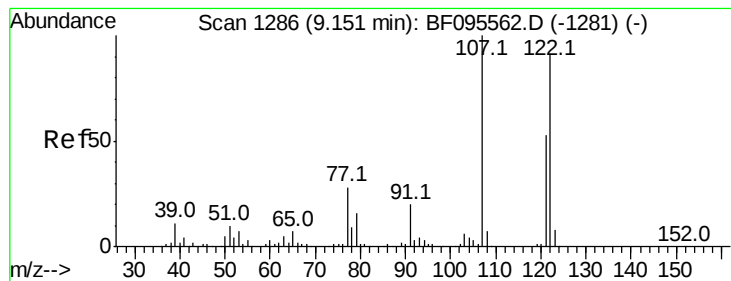
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 42.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.53 ng

RT: 9.14 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

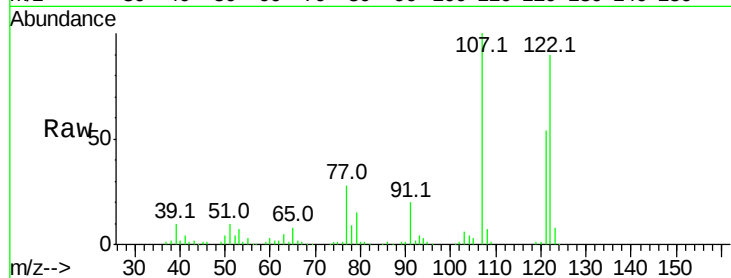
Tot Ion:122 Resp: 239902

Ion Ratio Lower Upper

122 100

107 110.9 89.2 133.8

121 59.6 45.2 67.8

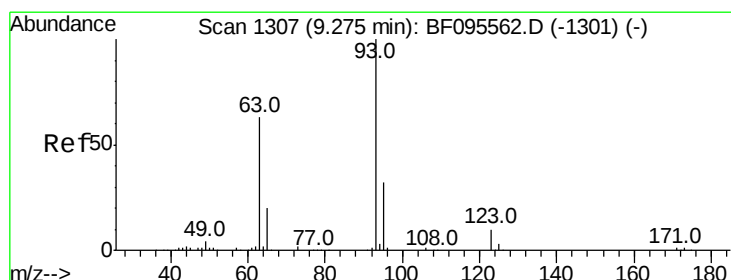
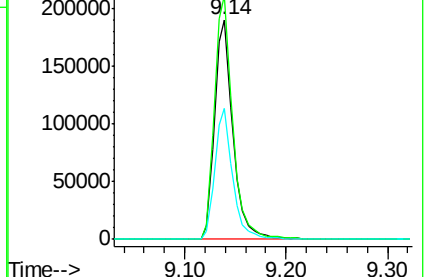
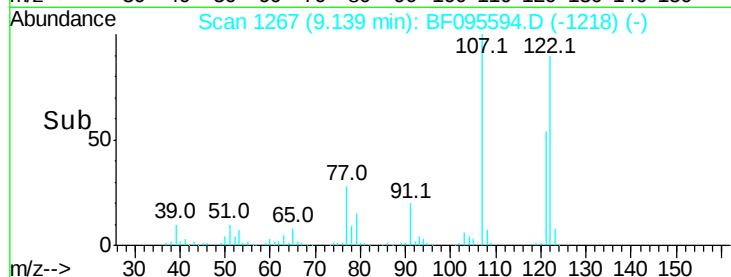


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 42.74 ng

RT: 9.26 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

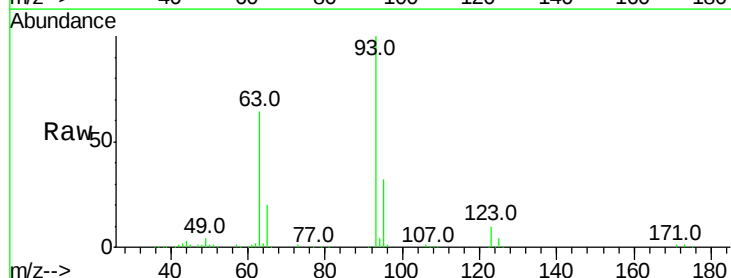
Tgt Ion: 93 Resp: 318210

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.4 9.0 13.4

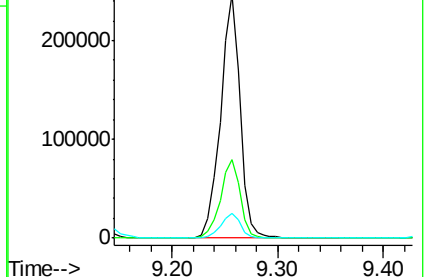
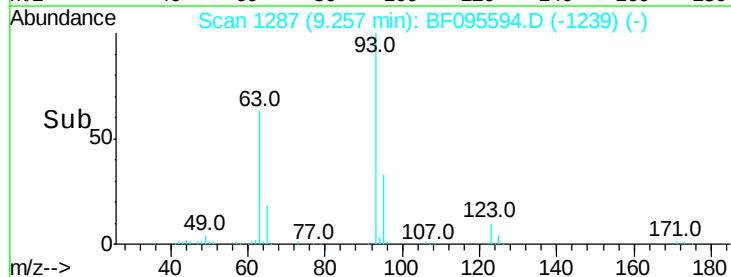


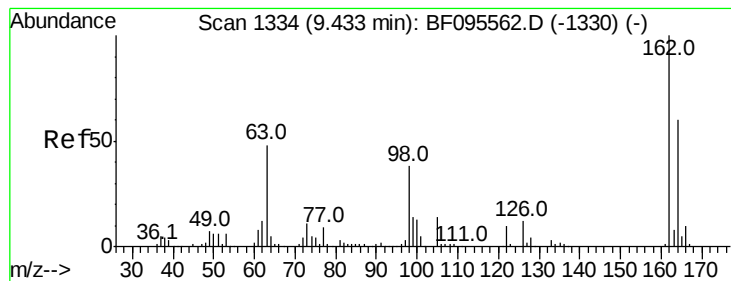
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->





#29

2,4-Dichlorophenol

Concen: 45.93 ng

RT: 9.42 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

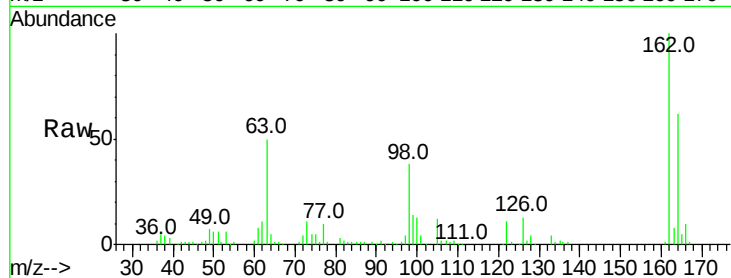
Tot Ion:162 Resp: 239005

Ion Ratio Lower Upper

162 100

164 62.4 44.6 84.6

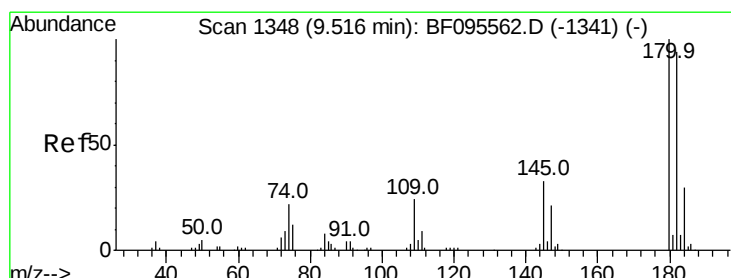
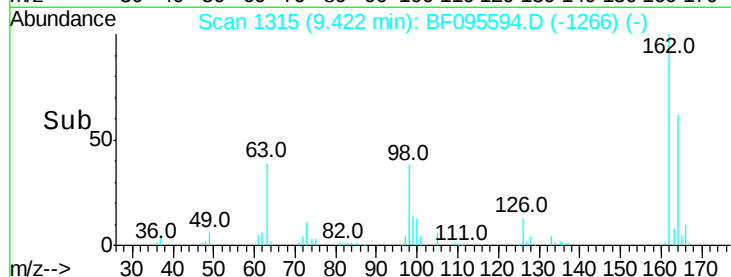
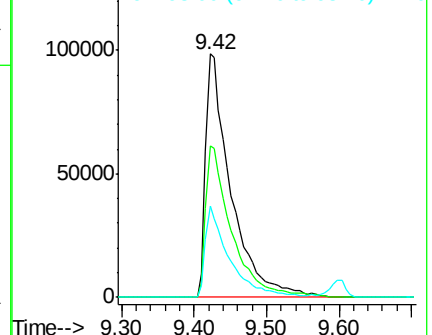
98 37.5 14.8 54.8



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: 40.99 ng

RT: 9.50 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

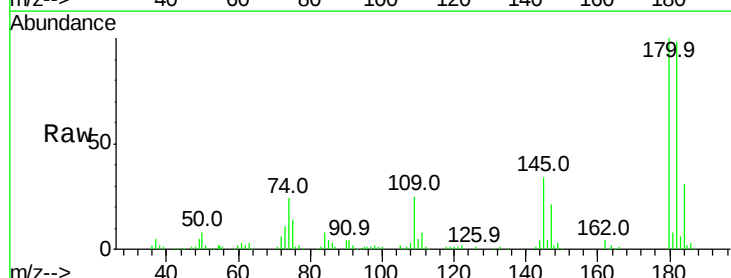
Tgt Ion:180 Resp: 228537

Ion Ratio Lower Upper

180 100

182 98.3 75.8 113.6

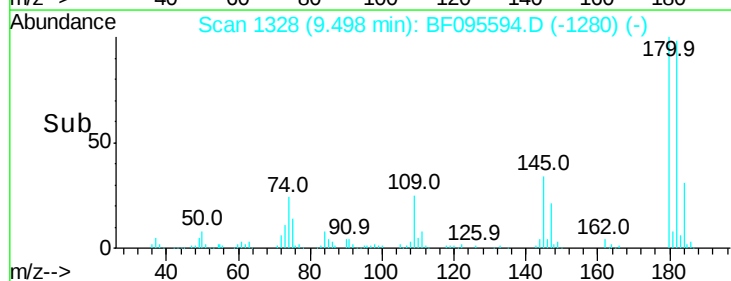
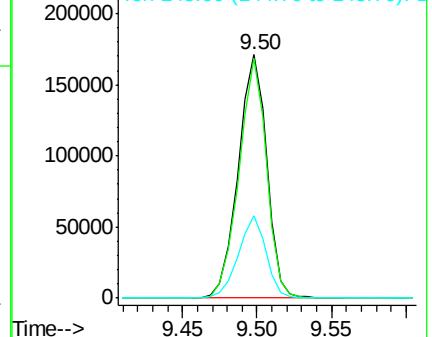
145 33.7 25.3 37.9

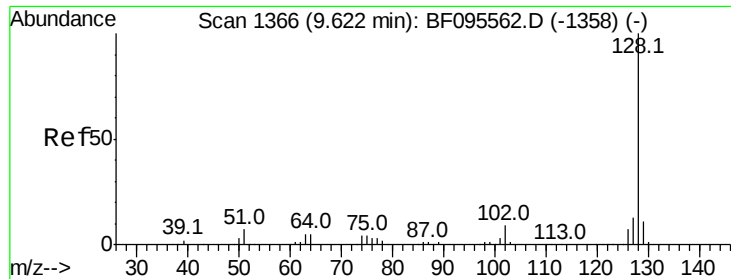


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

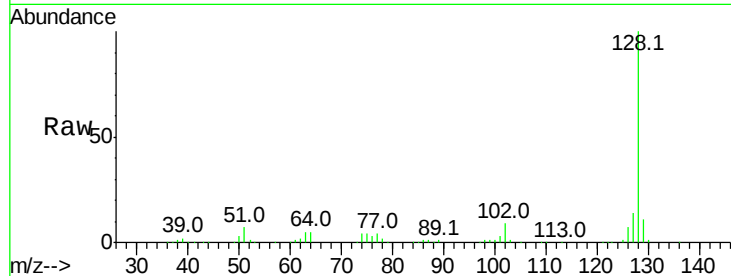




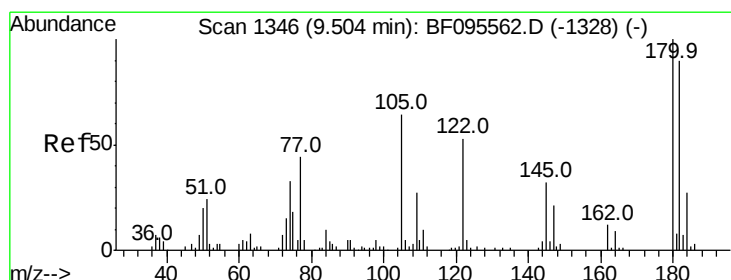
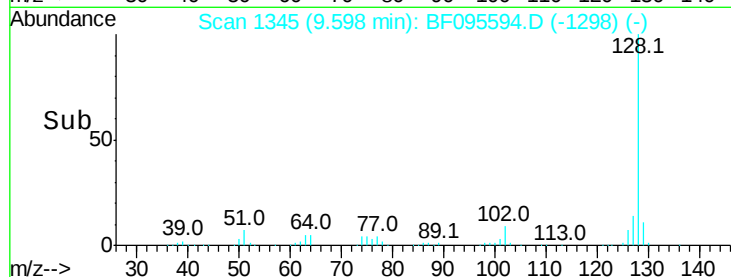
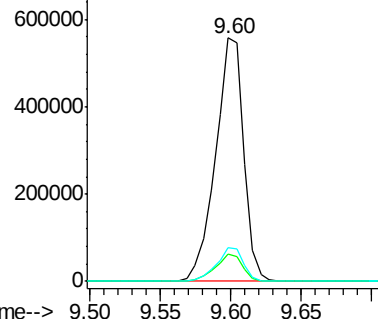
#31
Naphthalene
Concen: 40.72 ng
RT: 9.60 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 777897
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.8 16.2

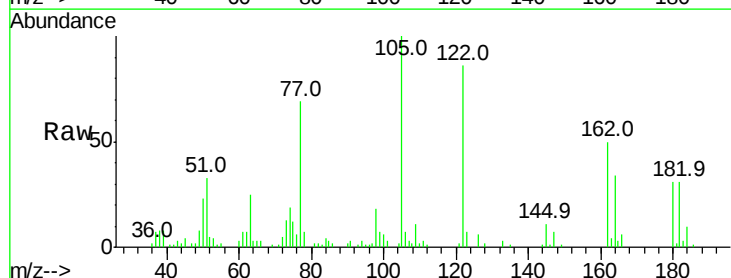


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

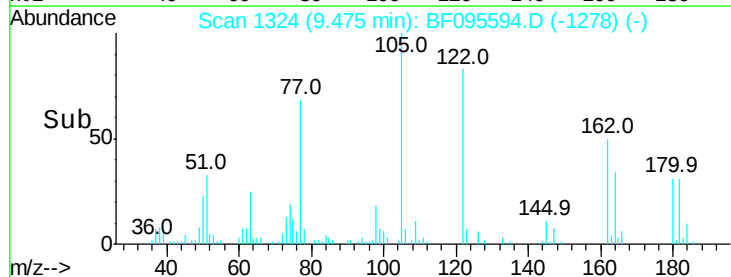
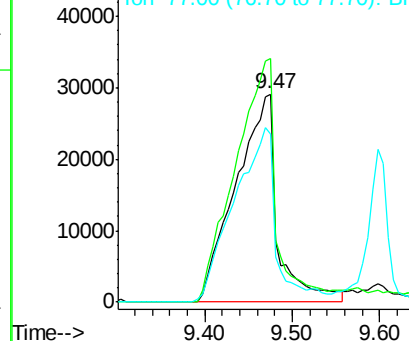


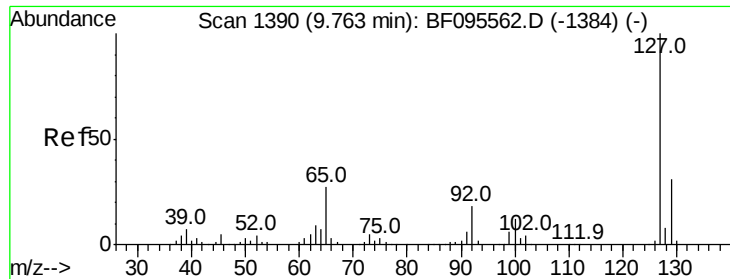
#32
Benzoic acid
Concen: 28.55 ng
RT: 9.47 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:122 Resp: 94993
Ion Ratio Lower Upper
122 100
105 116.8 103.3 143.3
77 80.6 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

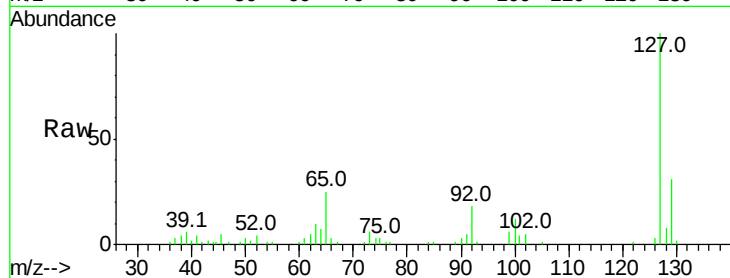




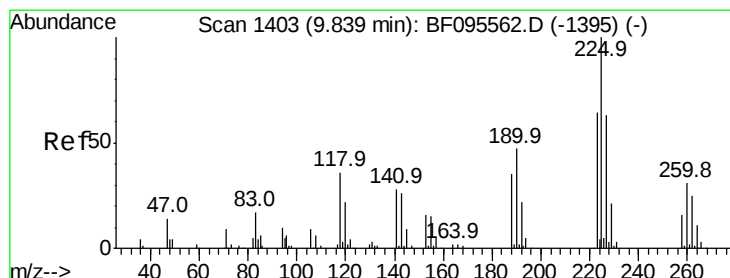
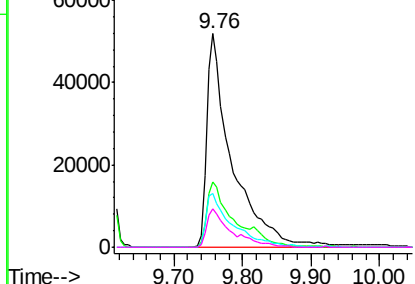
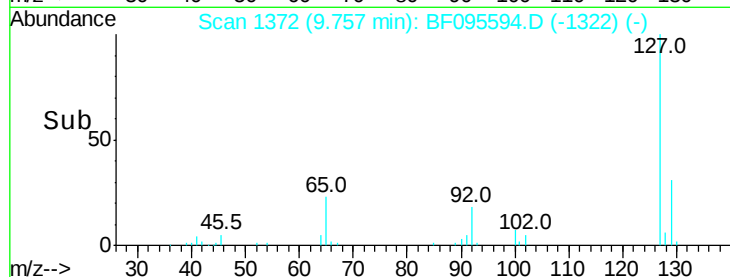
#33
4-Chloroaniline
Concen: 18.68 ng
RT: 9.76 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	132970
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	24.9	27.8	41.8#
92	17.7	16.8	25.2

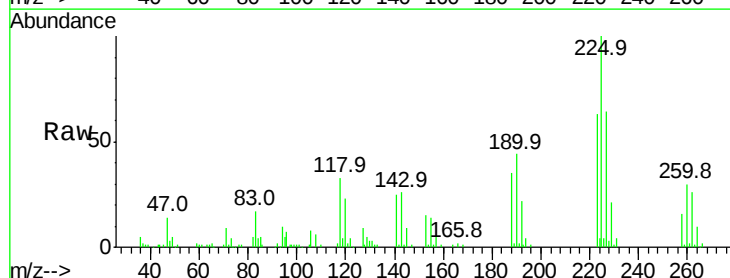


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

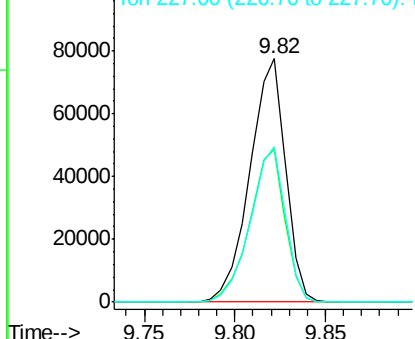
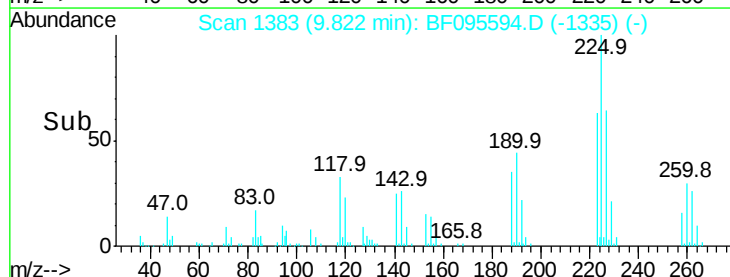


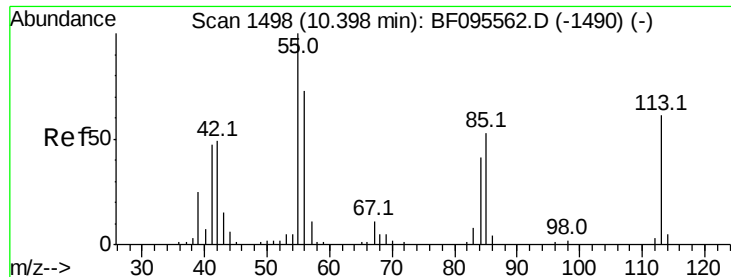
#34
Hexachlorobutadiene
Concen: 36.03 ng
RT: 9.82 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:	225	Resp:	105985
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	63.7	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.48 ng

RT: 10.39 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampled :

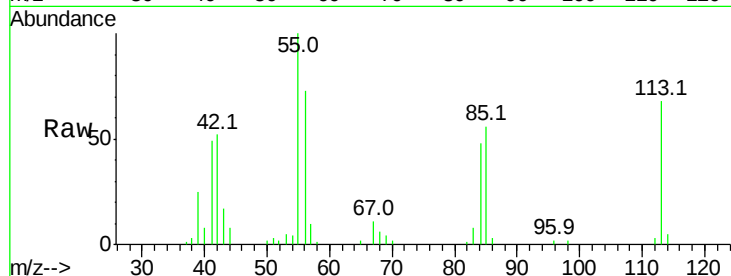
Tot Ion:113 Resp: 42939

Ion Ratio Lower Upper

113 100

55 147.1 150.2 190.2#

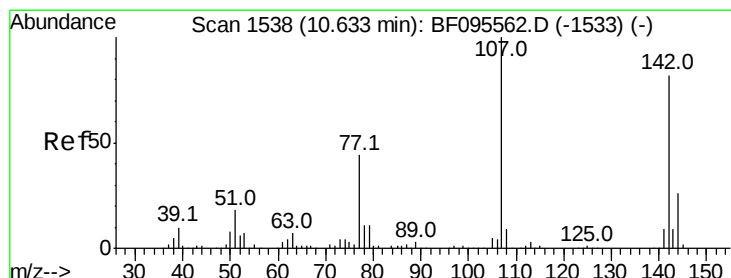
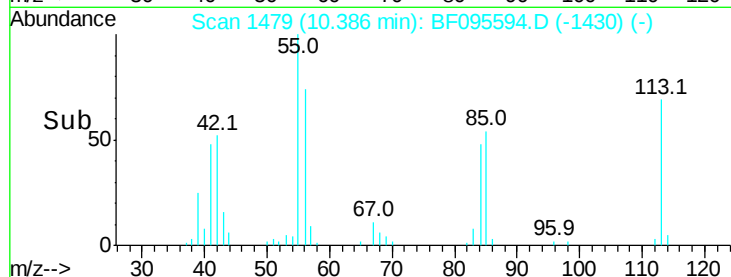
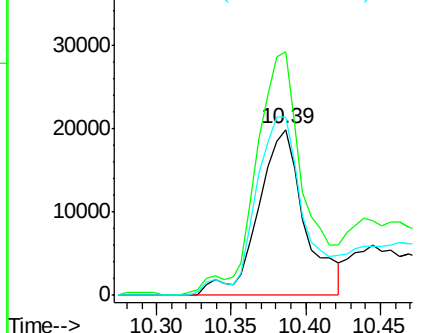
56 107.5 107.8 147.8#



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: 42.33 ng

RT: 10.62 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

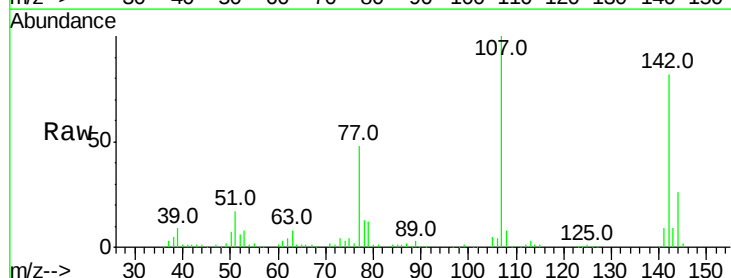
Tgt Ion:107 Resp: 235548

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

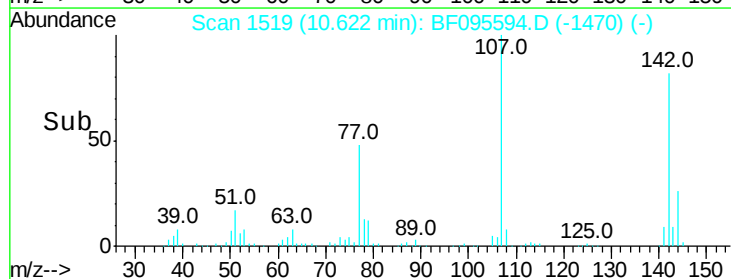
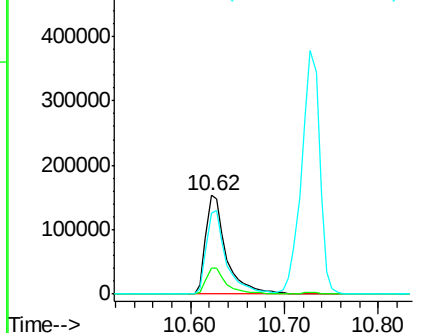
142 82.0 73.4 110.0

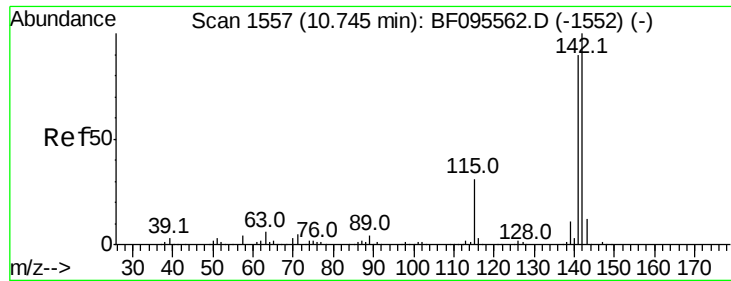


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

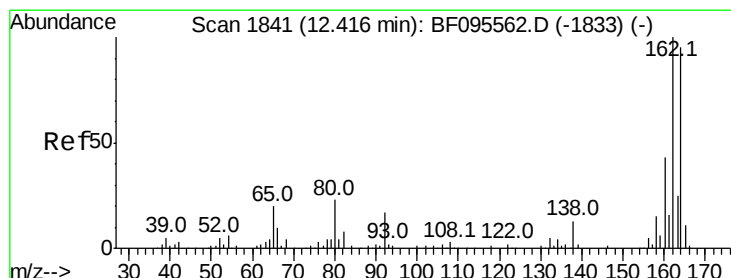
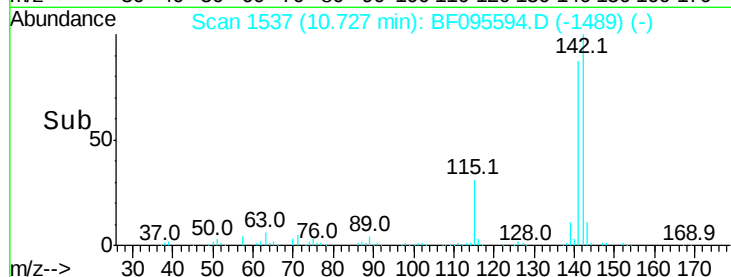
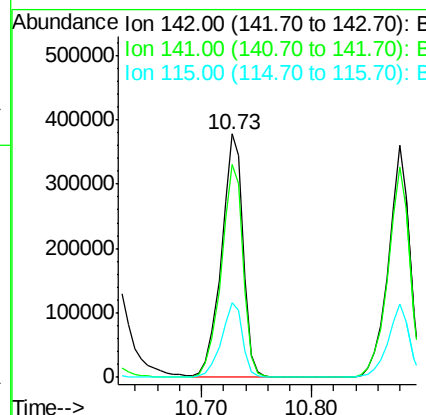
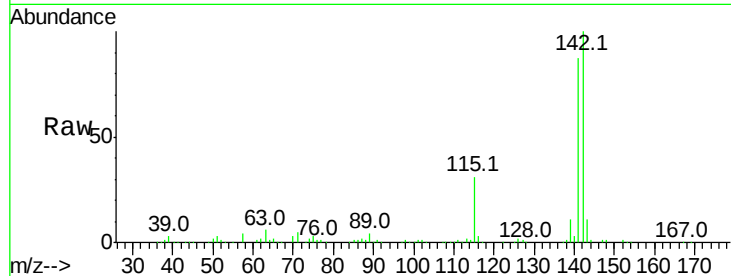




#37
2-Methylnaphthalene
Concen: 40.90 ng
RT: 10.73 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

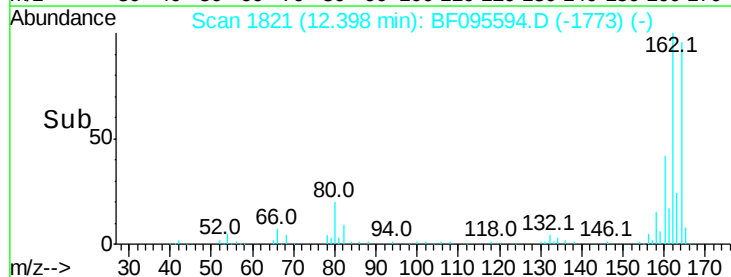
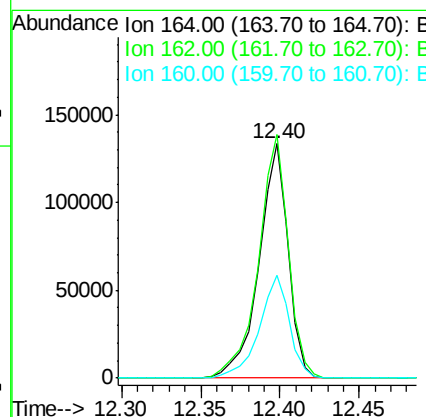
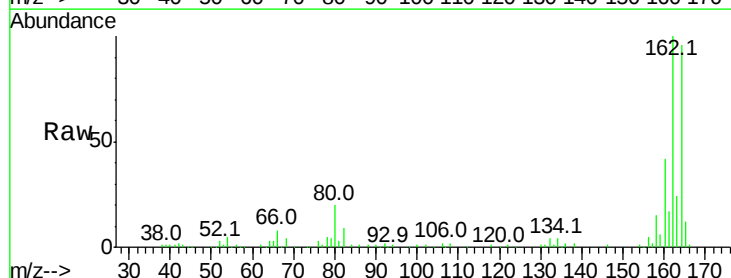
Instrument :
BNA_F
ClientSampled :

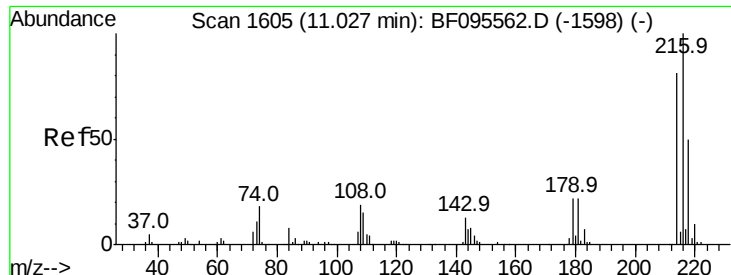
Tot Ion:142 Resp: 512802
Ion Ratio Lower Upper
142 100
141 87.4 71.3 106.9
115 30.7 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.40 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:164 Resp: 170554
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 43.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.13 ng

RT: 11.01 min Scan# 1585

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 200000

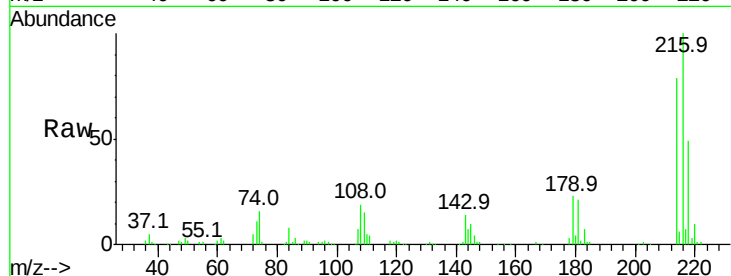
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.2

179 22.4 17.9 26.9

108 20.2 16.5 24.7

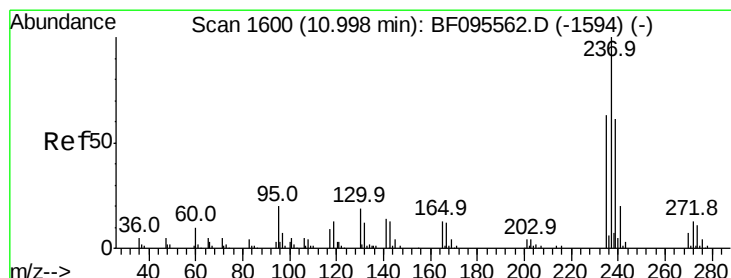
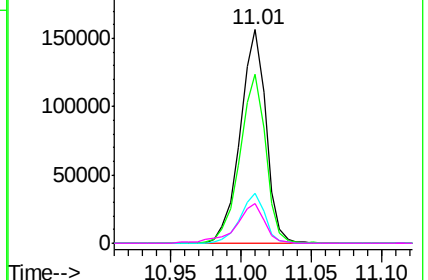
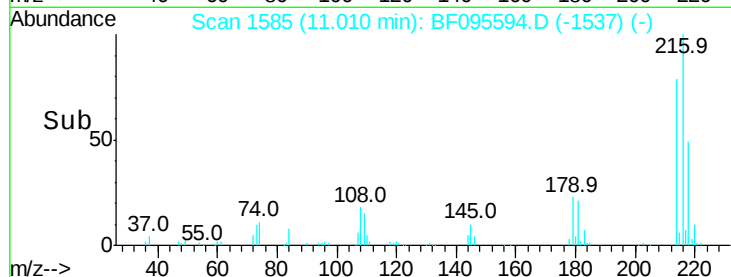


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 48.05 ng

RT: 10.98 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

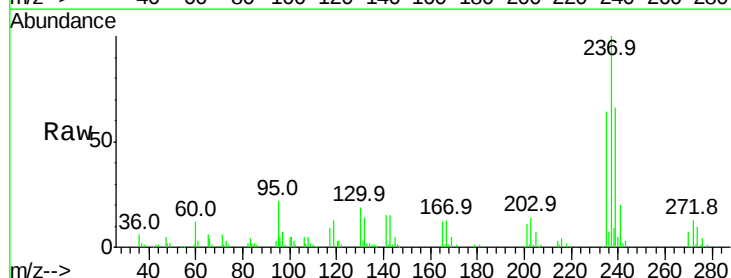
Tgt Ion:237 Resp: 100174

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

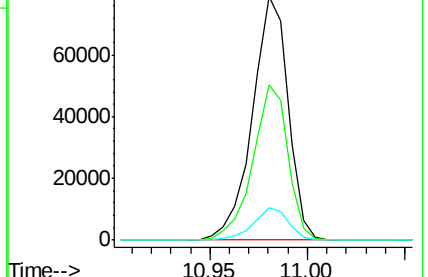
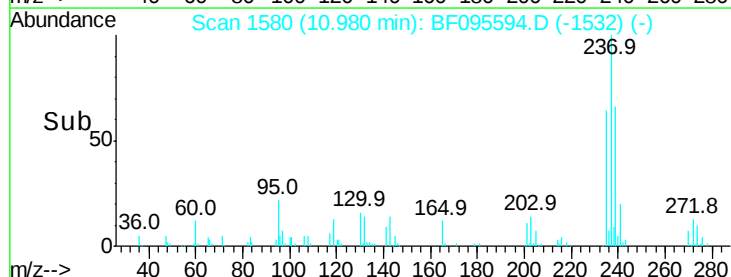
272 13.3 0.0 31.9

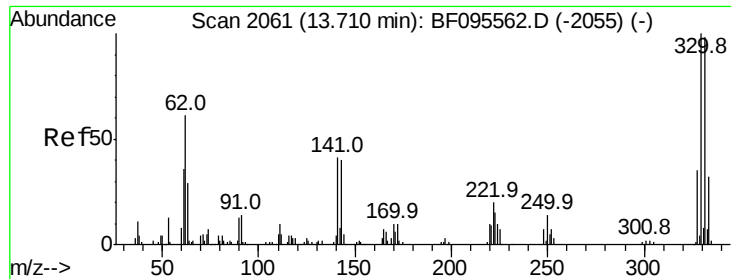


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

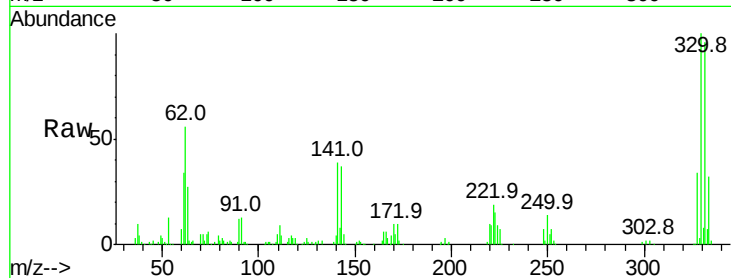




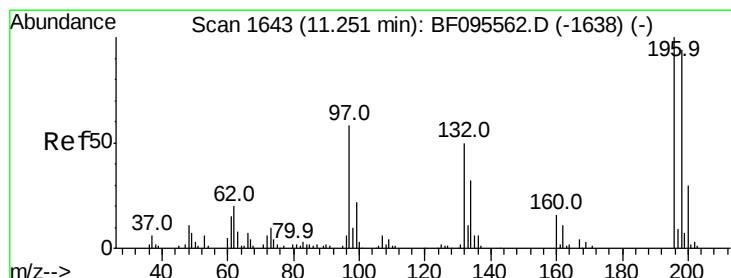
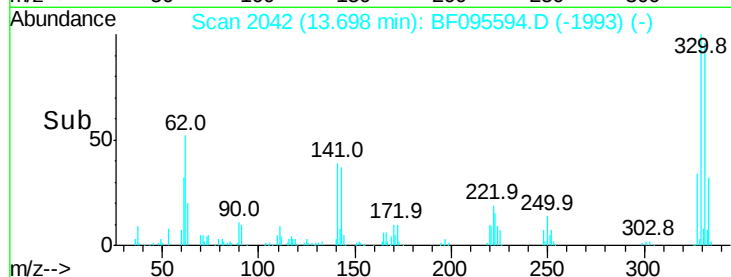
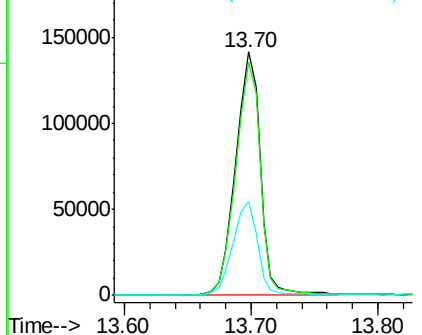
#41
 2,4,6-Tribromophenol
 Concen: 136.96 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 191304
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 39.2 31.4 47.2

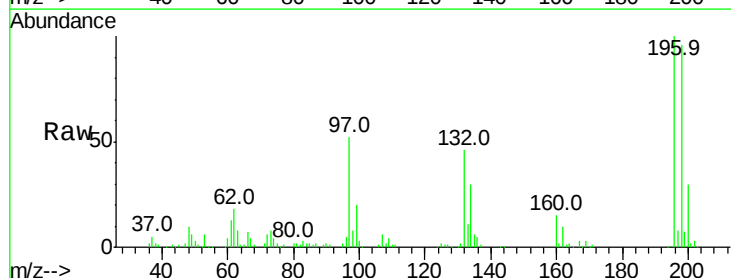


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

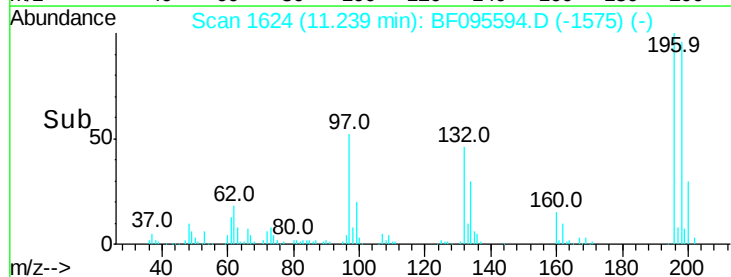
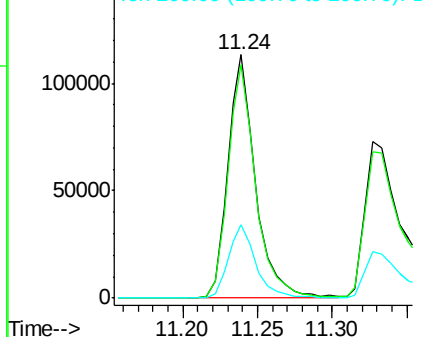


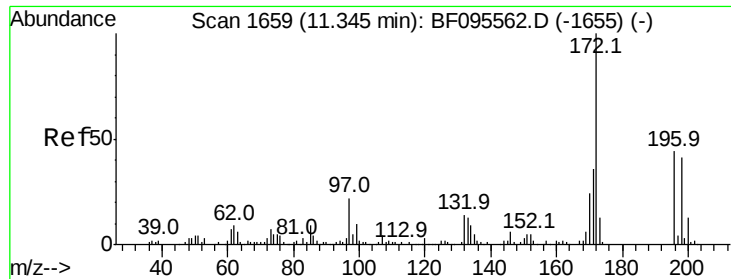
#42
 2,4,6-Trichlorophenol
 Concen: 42.09 ng
 RT: 11.24 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:196 Resp: 147391
 Ion Ratio Lower Upper
 196 100
 198 95.9 74.2 111.4
 200 30.0 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

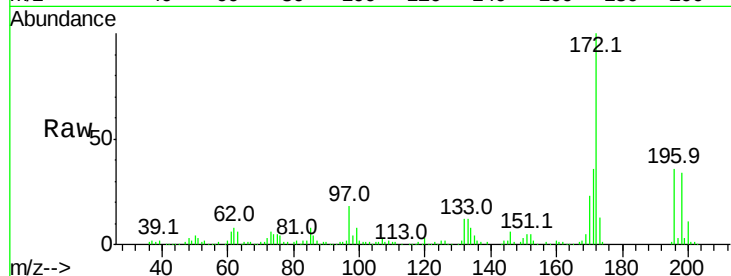




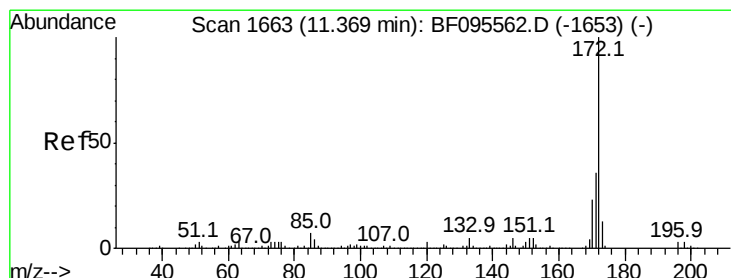
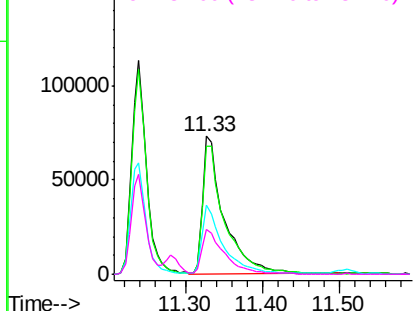
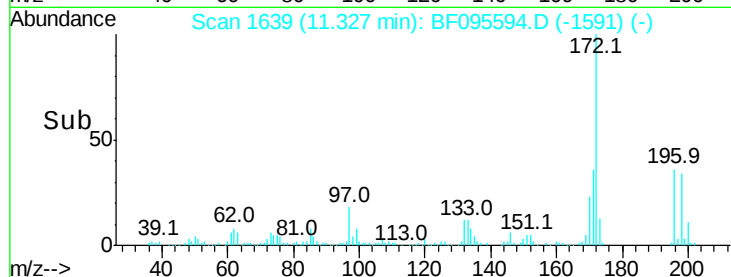
#43
2,4,5-Trichlorophenol
Concen: 37.39 ng
RT: 11.33 min Scan# 1639
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 140712
Ion Ratio Lower Upper
196 100
198 92.9 75.7 113.5
97 49.9 47.7 71.5
132 32.2 28.0 42.0

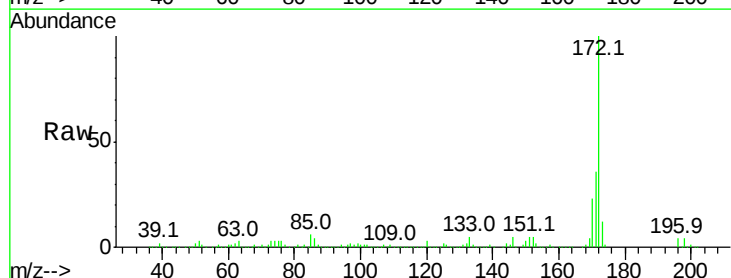


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

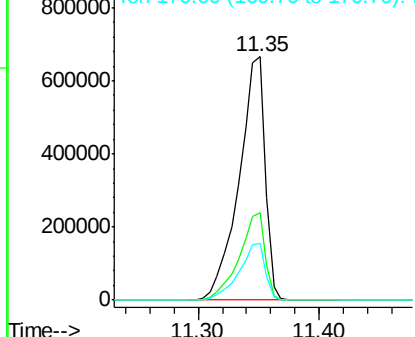
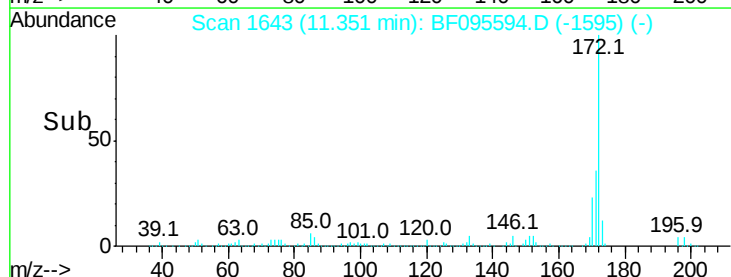


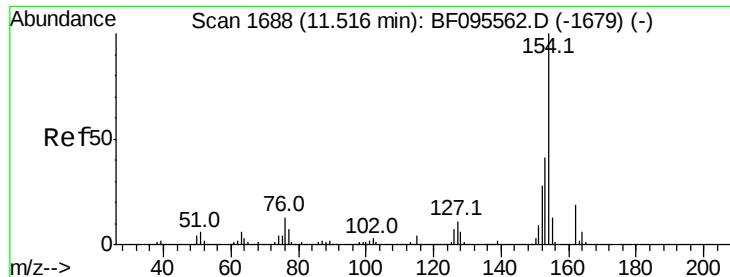
#44
2-Fluorobiphenyl
Concen: 84.69 ng
RT: 11.35 min Scan# 1643
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:172 Resp: 1003551
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.2 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

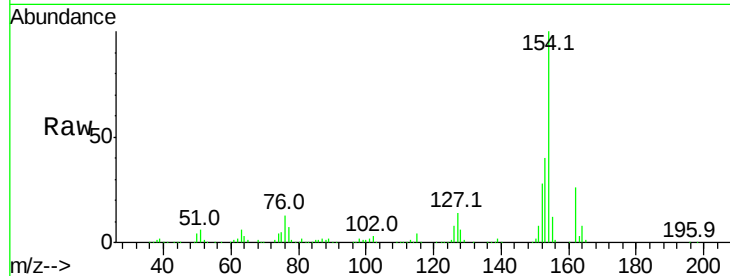




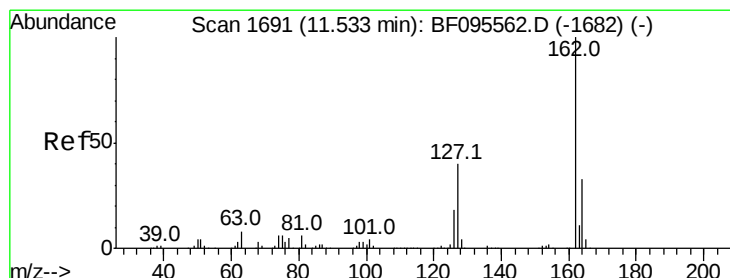
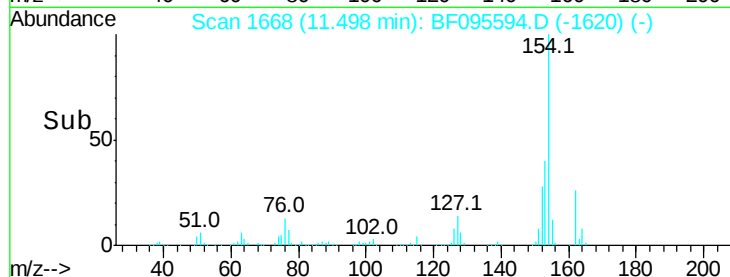
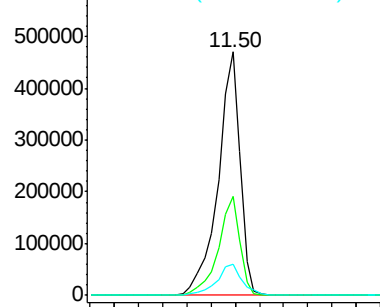
#45
 1,1'-Biphenyl
 Concen: 41.55 ng
 RT: 11.50 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 596716
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 13.0 0.0 29.9

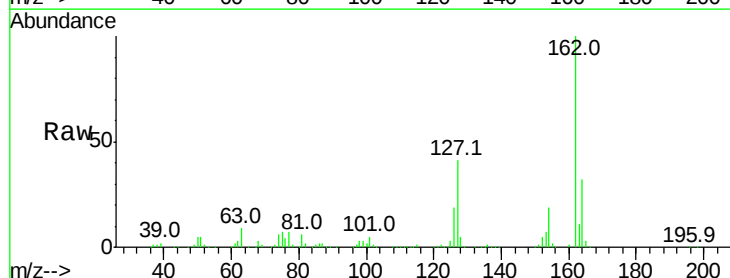


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

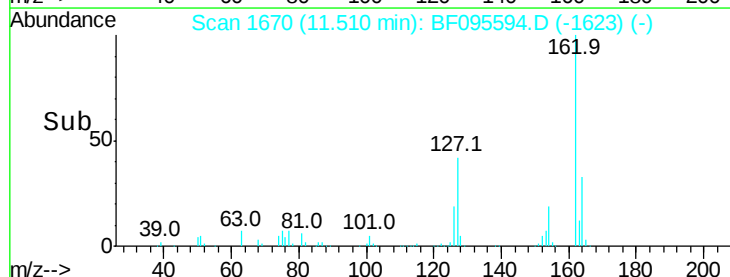
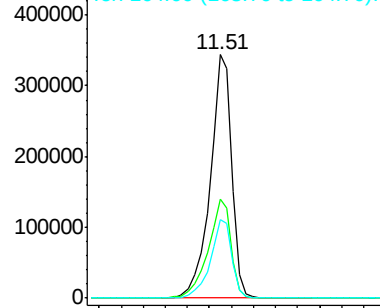


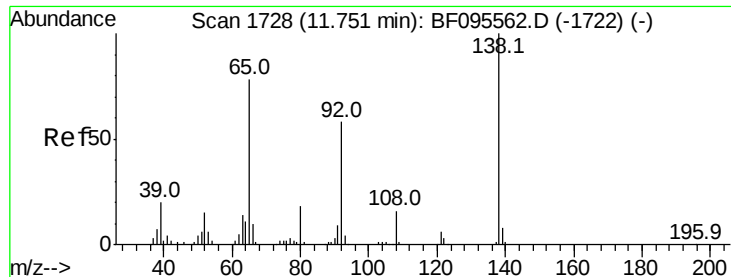
#46
 2-Chloronaphthalene
 Concen: 40.30 ng
 RT: 11.51 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:162 Resp: 467237
 Ion Ratio Lower Upper
 162 100
 127 40.6 28.3 42.5
 164 32.2 27.0 40.4



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





#47

2-Nitroaniline

Concen: 45.00 ng

RT: 11.73 min Scan# 1708

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

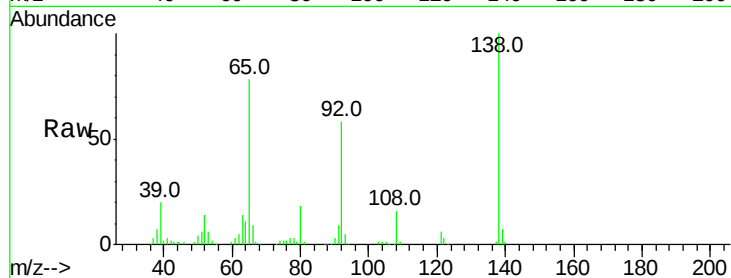
Tot Ion: 65 Resp: 142823

Ion Ratio Lower Upper

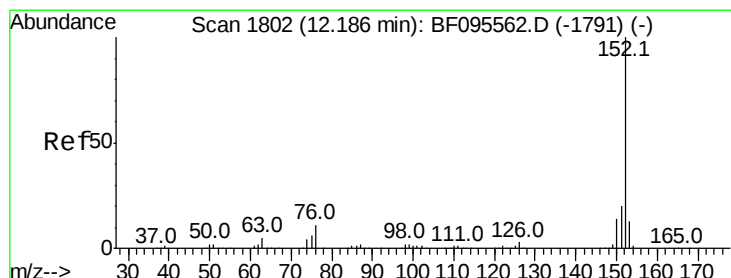
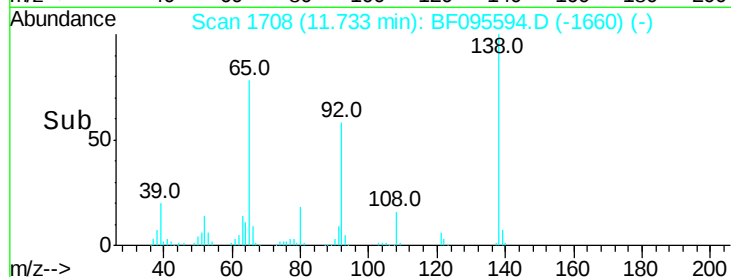
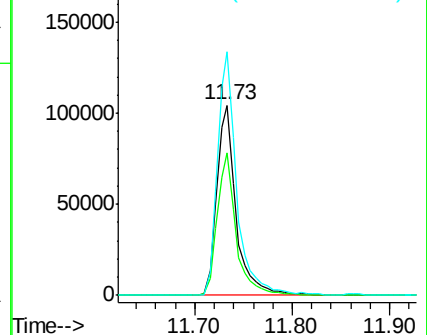
65 100

92 74.8 53.9 80.9

138 128.0 78.8 118.2#



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



#48

Acenaphthylene

Concen: 45.14 ng

RT: 12.17 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

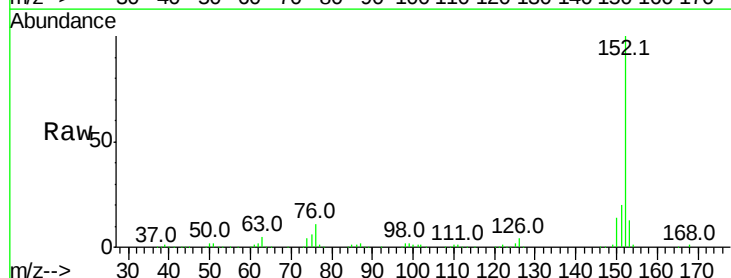
Tgt Ion: 152 Resp: 819800

Ion Ratio Lower Upper

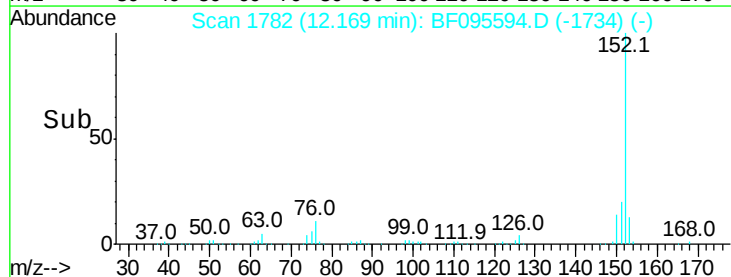
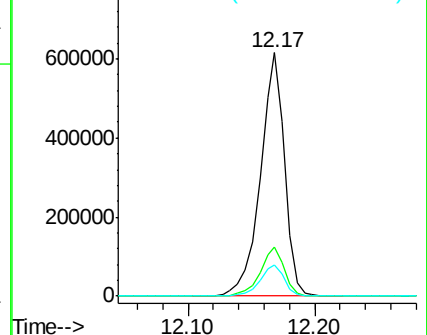
152 100

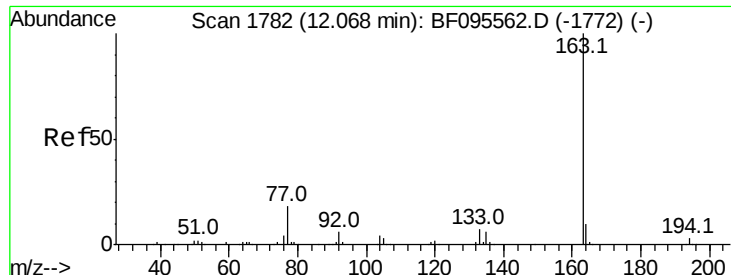
151 20.0 16.8 25.2

153 13.0 10.8 16.2



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

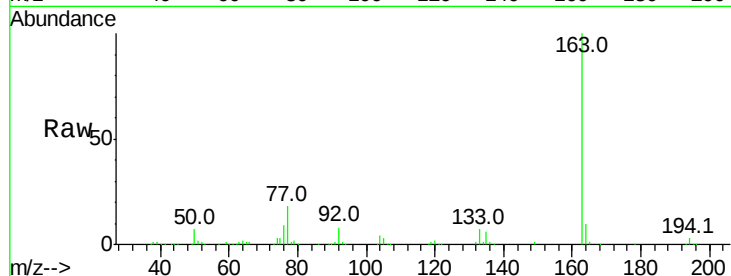




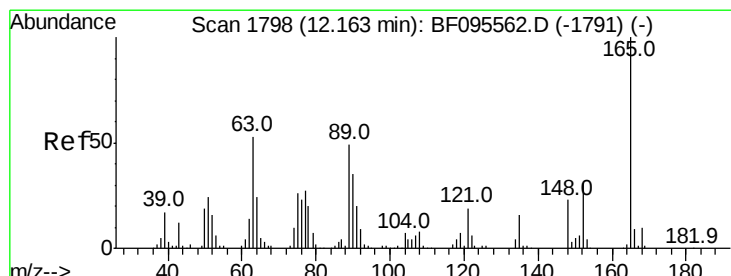
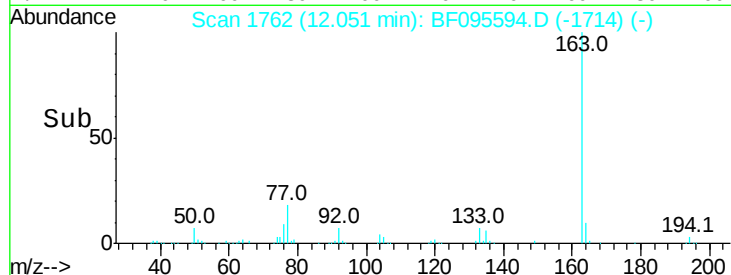
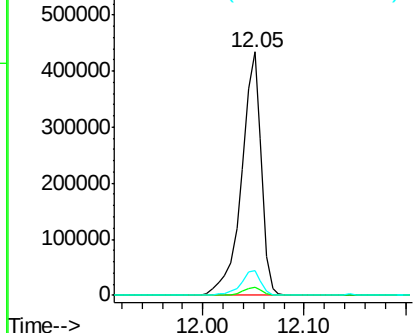
#49
Dimethylphthalate
Concen: 41.51 ng
RT: 12.05 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 581188
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6

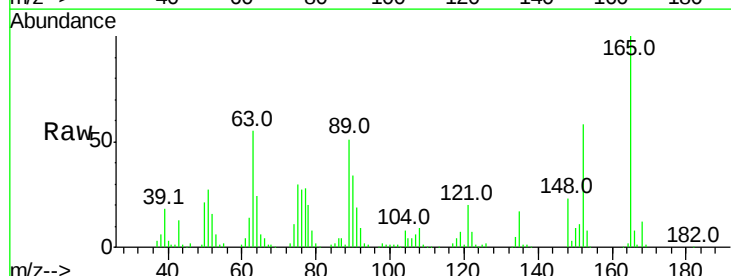


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

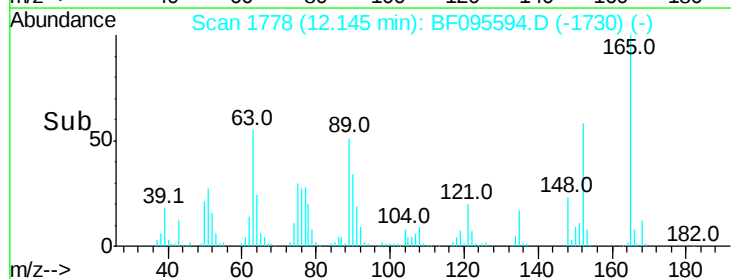
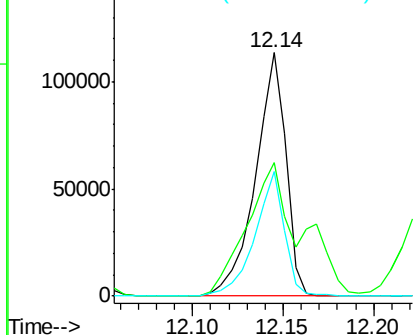


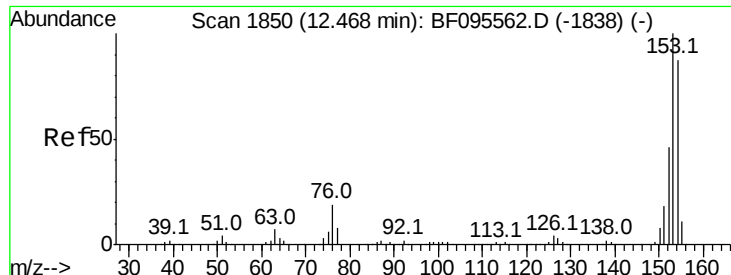
#50
2,6-Dinitrotoluene
Concen: 46.41 ng
RT: 12.14 min Scan# 1778
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:165 Resp: 132572
Ion Ratio Lower Upper
165 100
63 54.6 34.3 51.5#
89 51.1 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: 41.39 ng

RT: 12.45 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

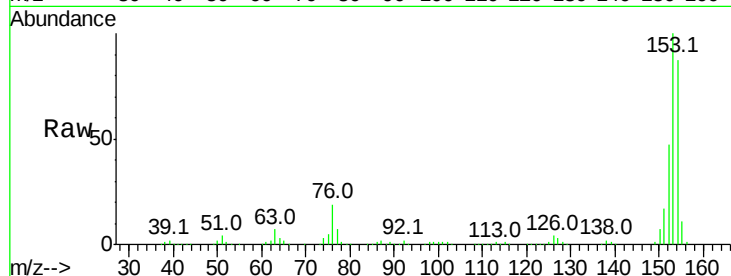
Tot Ion:154 Resp: 448995

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

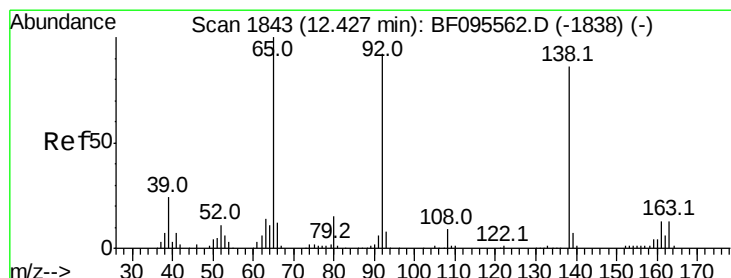
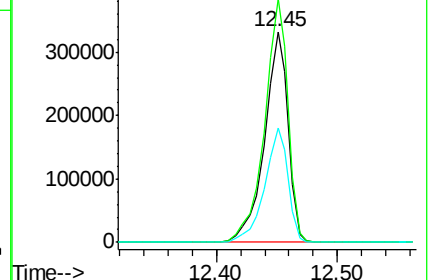
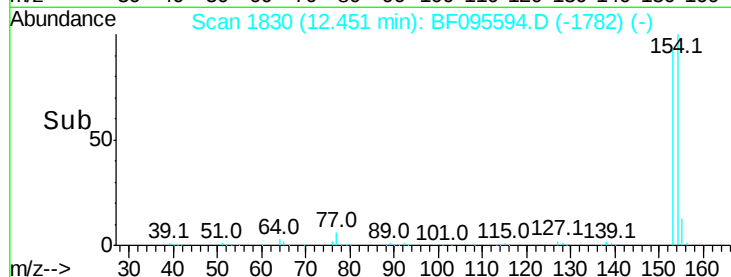
152 54.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.02 ng

RT: 12.42 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

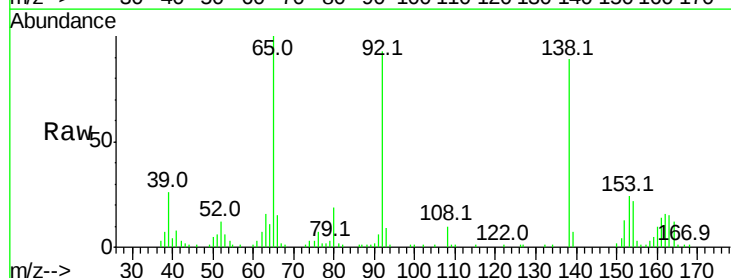
Tgt Ion:138 Resp: 85892

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

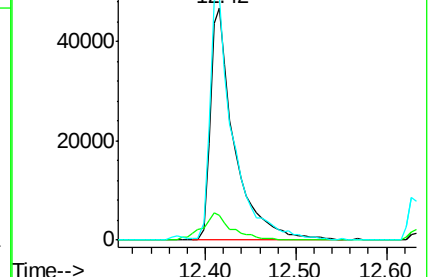
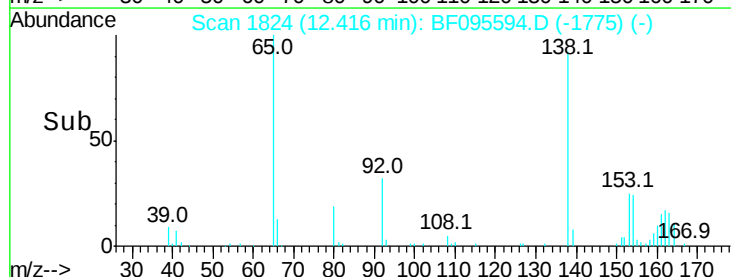
92 105.2 93.8 140.6

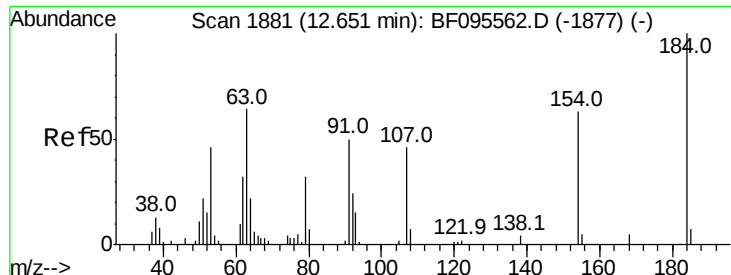


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

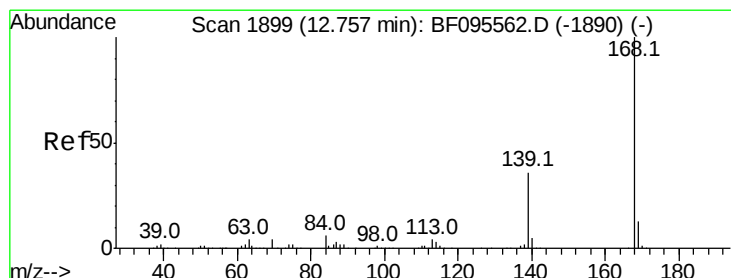
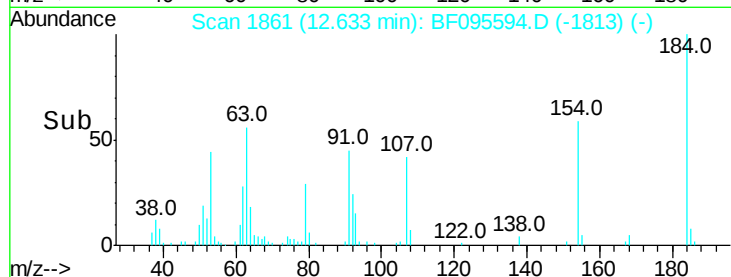
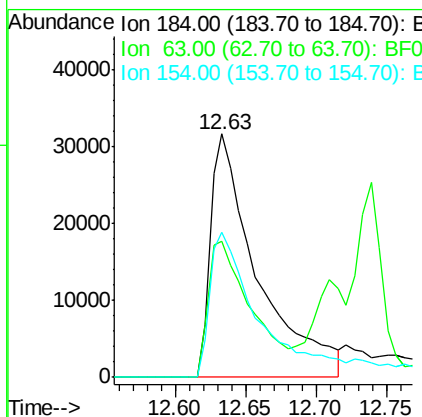
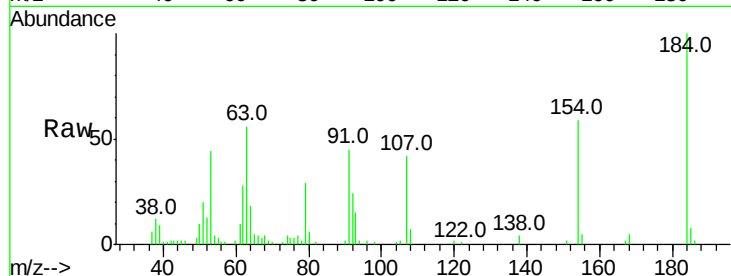




#53
 2,4-Dinitrophenol
 Concen: 49.15 ng
 RT: 12.63 min Scan# 1861
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

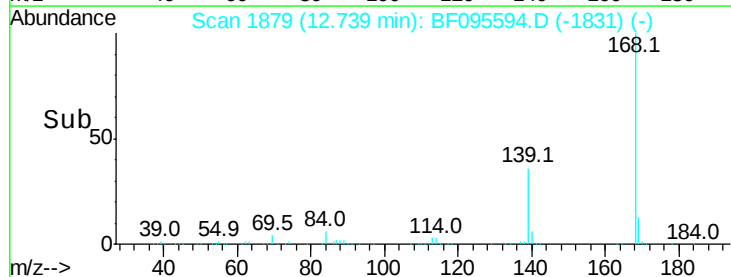
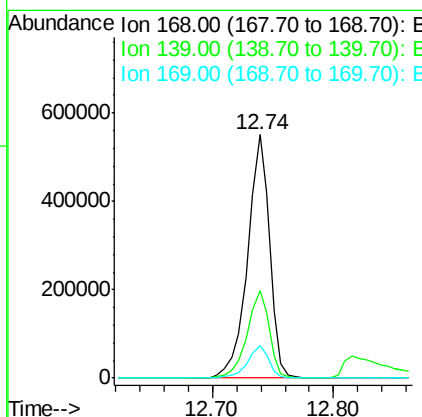
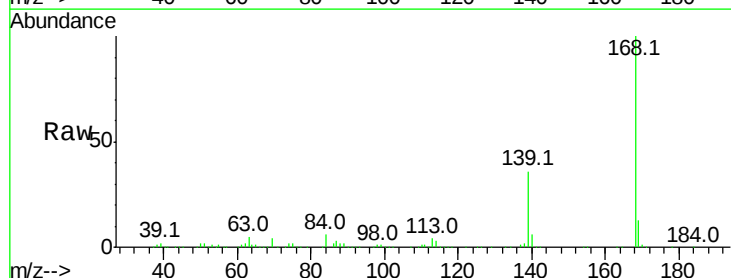
Instrument :
 BNA_F
 ClientSampleId :

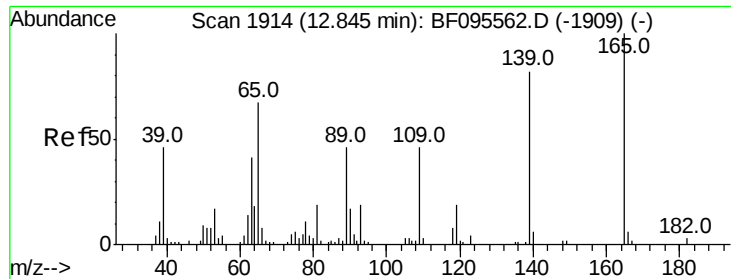
Tot Ion:184 Resp: 73210
 Ion Ratio Lower Upper
 184 100
 63 56.1 62.7 94.1#
 154 59.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 46.69 ng
 RT: 12.74 min Scan# 1879
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:168 Resp: 700799
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.6 45.8
 169 13.2 10.8 16.2

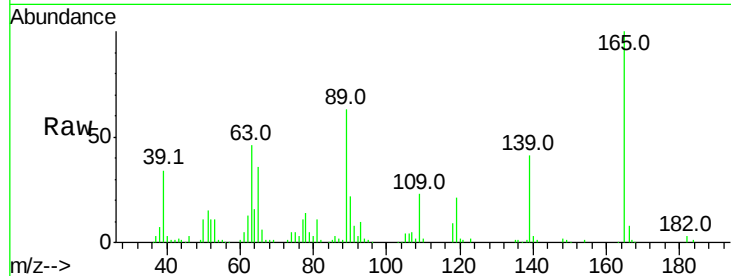




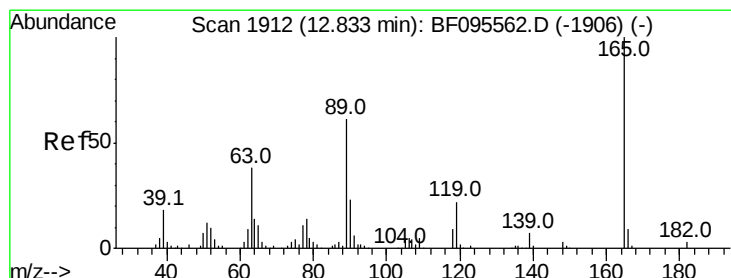
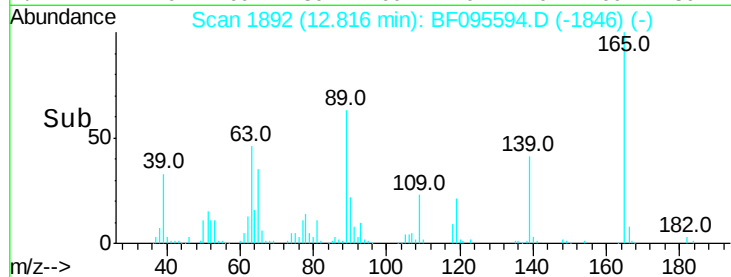
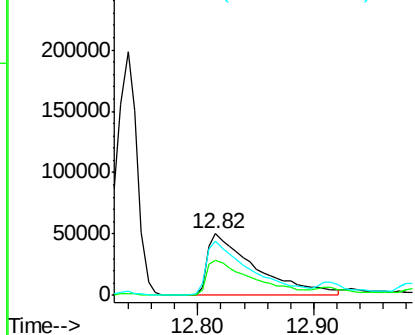
#55
4-Nitrophenol
Concen: 78.80 ng
RT: 12.82 min Scan# 1892
Delta R.T. -0.03 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 145105
Ion Ratio Lower Upper
139 100
109 56.1 34.1 74.1
65 87.3 31.4 71.4#



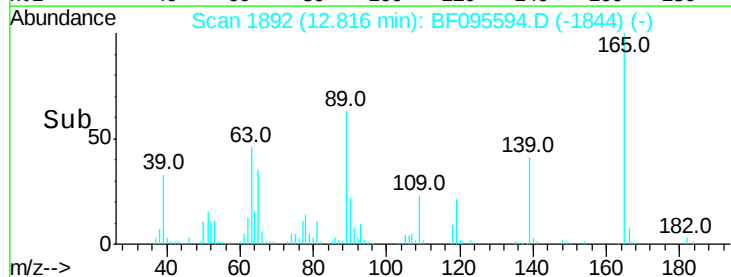
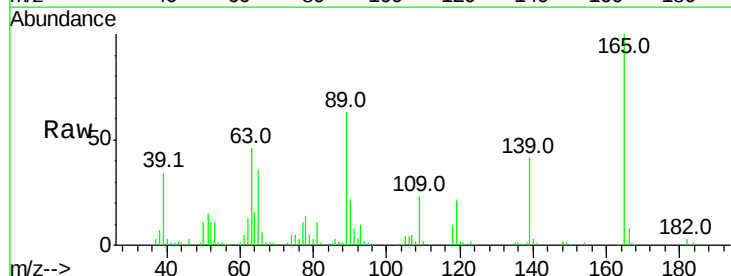
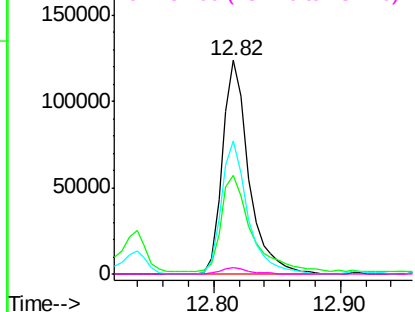
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

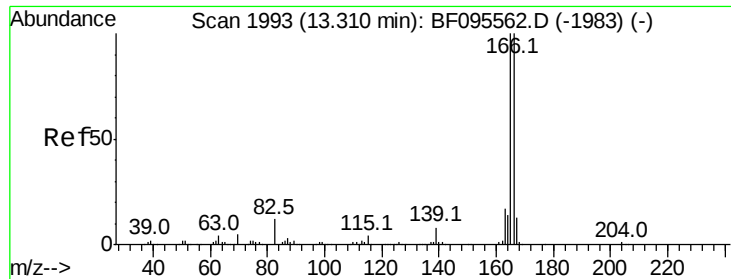


#56
2,4-Dinitrotoluene
Concen: 48.45 ng
RT: 12.82 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:165 Resp: 177824
Ion Ratio Lower Upper
165 100
63 46.4 25.4 38.0#
89 62.6 46.4 69.6
182 2.9 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: 45.16 ng

RT: 13.29 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

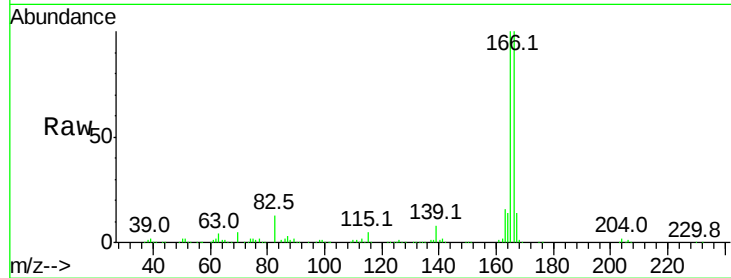
Tot Ion:166 Resp: 589395

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

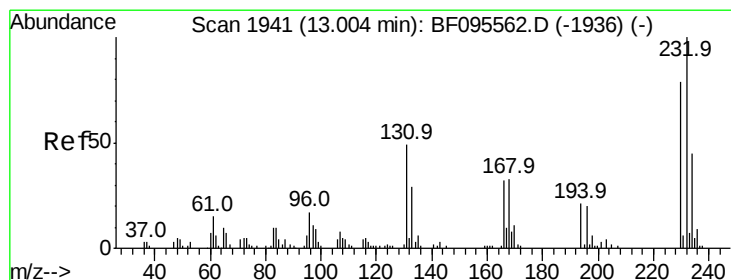
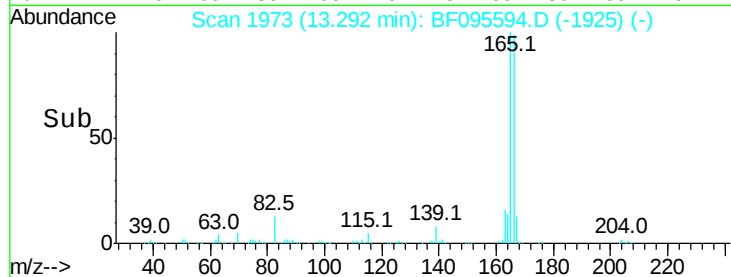
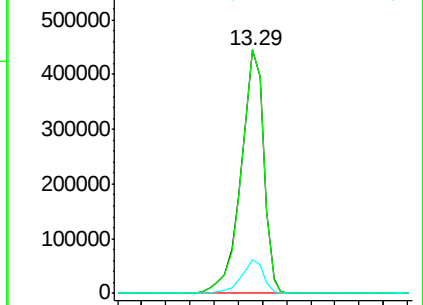
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.47 ng

RT: 12.99 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Tgt Ion:232 Resp: 119565

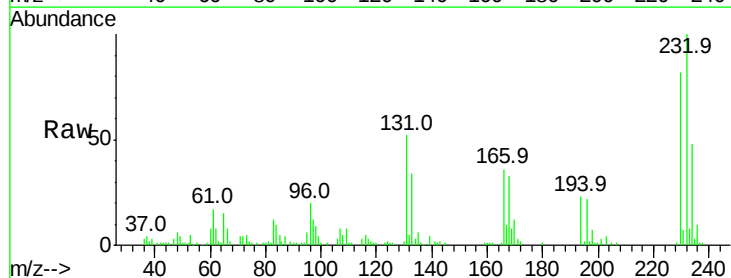
Ion Ratio Lower Upper

232 100

131 47.9 44.8 67.2

130 2.0 2.3 3.5#

166 33.4 29.0 43.4

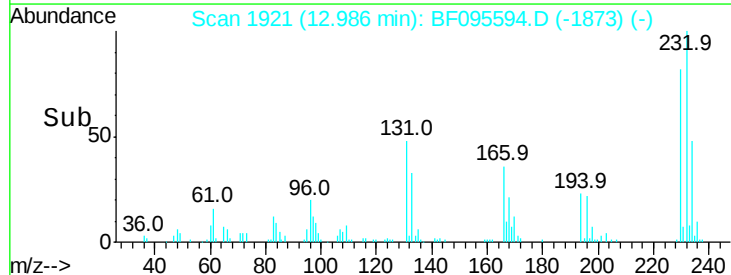
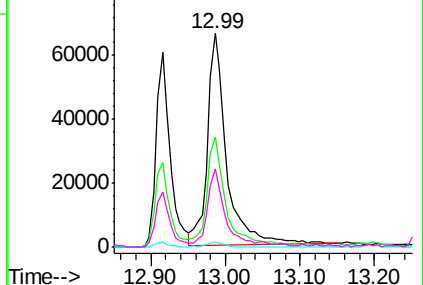


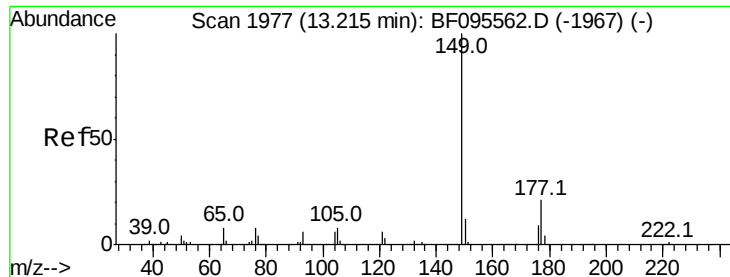
Abundance Ion 232.00 (231.70 to 232.70): E

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

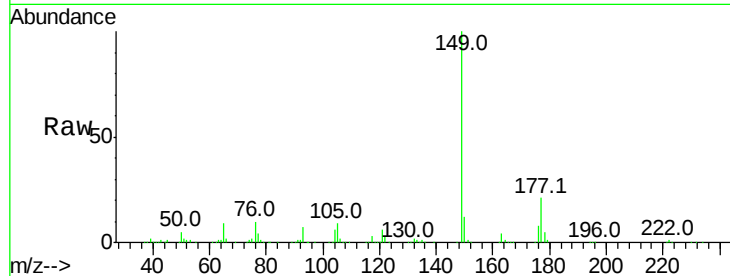




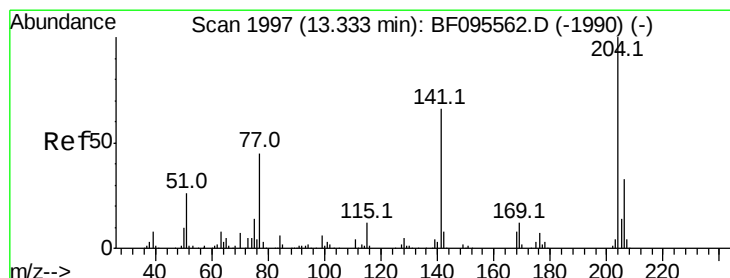
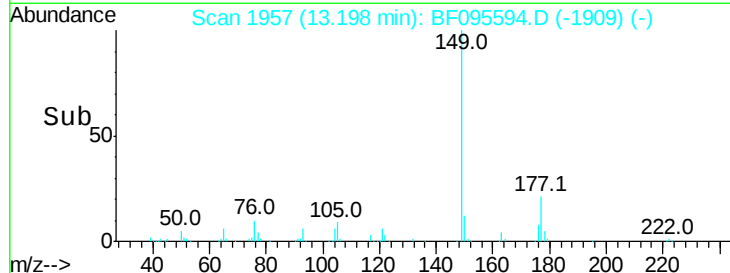
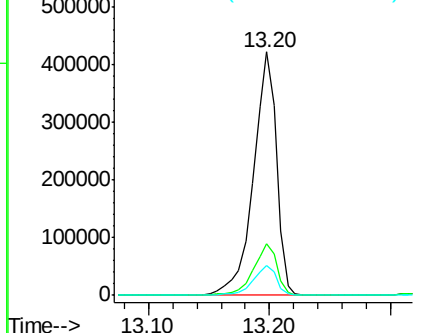
#59
Diethylphthalate
Concen: 42.08 ng
RT: 13.20 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 564780
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.3 10.2 15.2

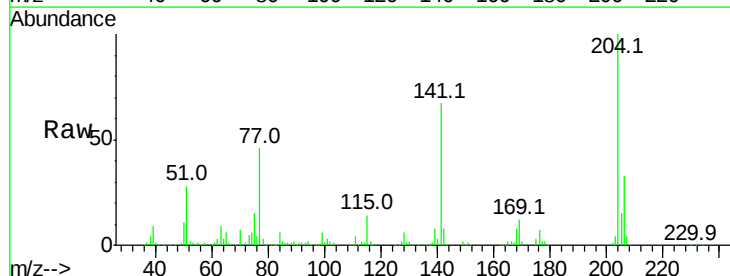


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

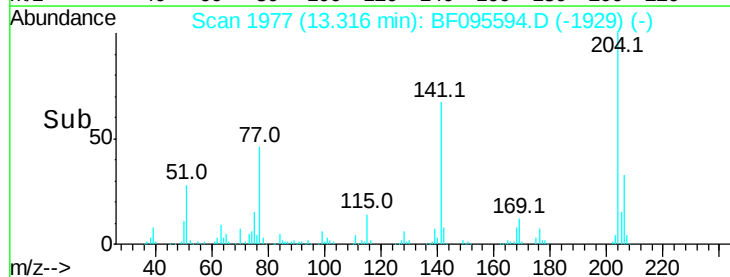
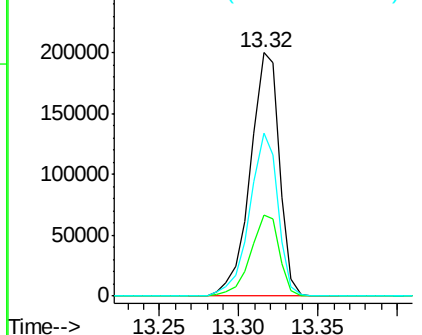


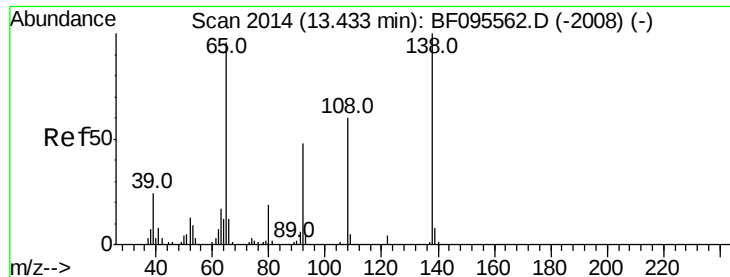
#60
4-Chlorophenyl-phenylether
Concen: 44.57 ng
RT: 13.32 min Scan# 1977
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:204 Resp: 255696
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 66.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

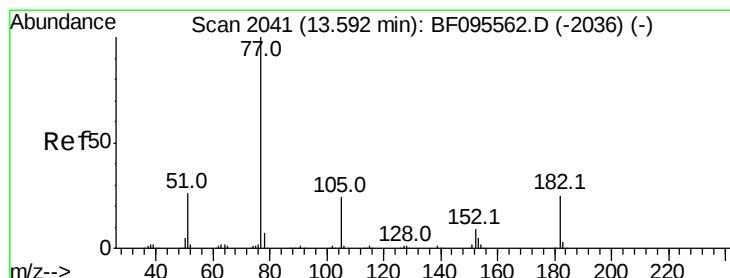
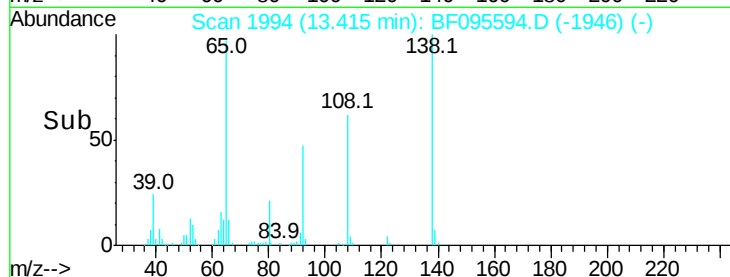
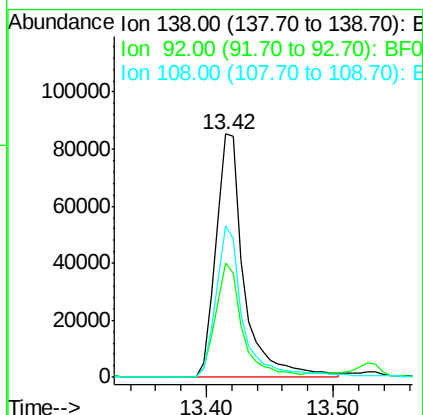
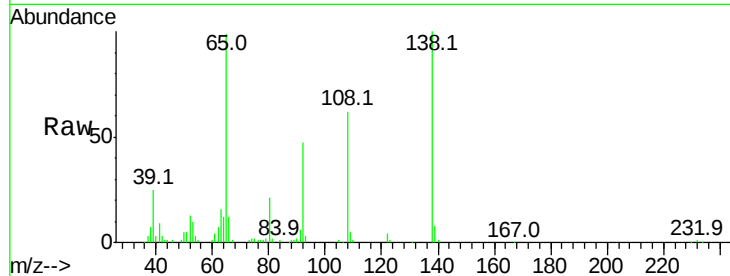




#61
4-Nitroaniline
Concen: 47.13 ng
RT: 13.42 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

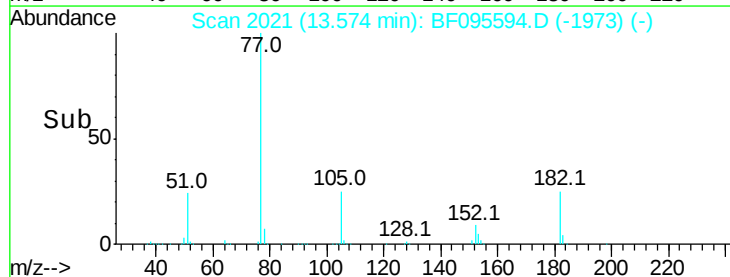
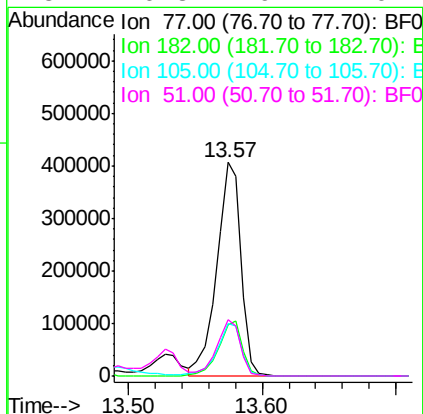
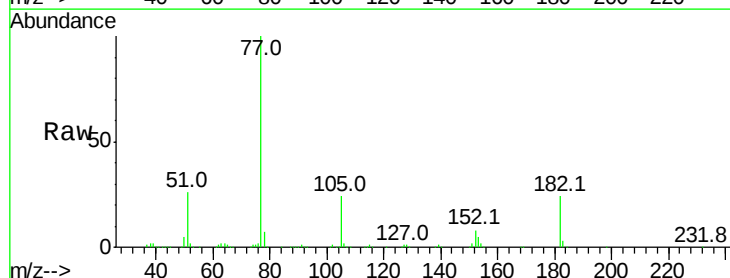
Instrument :
BNA_F
ClientSampleId :

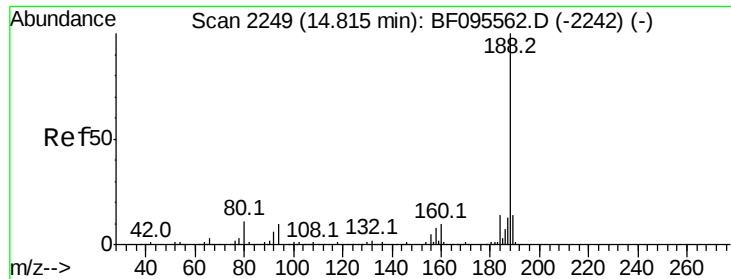
Tot Ion:138 Resp: 132641
Ion Ratio Lower Upper
138 100
92 46.9 21.8 61.8
108 62.1 42.3 82.3



#62
Azobenzene
Concen: 47.95 ng
RT: 13.57 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion: 77 Resp: 517054
Ion Ratio Lower Upper
77 100
182 24.1 0.1 40.1
105 24.3 3.6 43.6
51 26.3 9.4 49.4

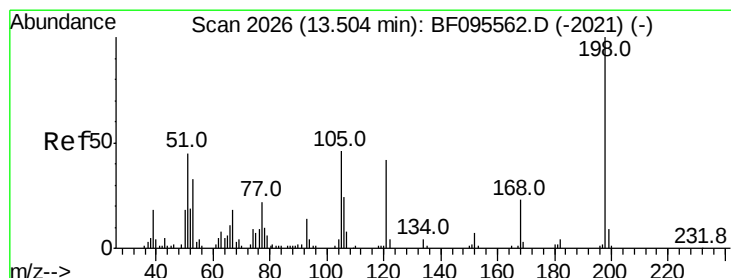
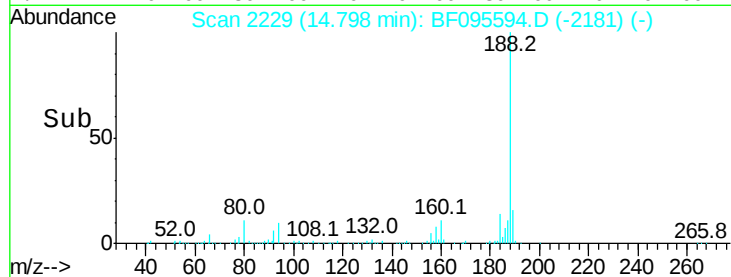
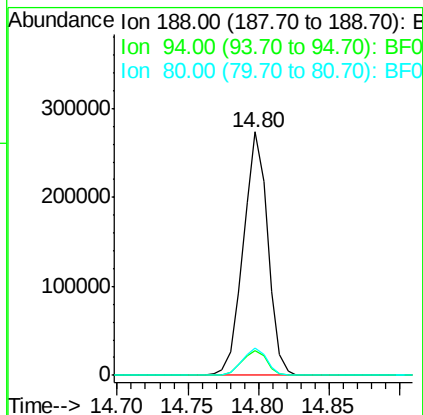
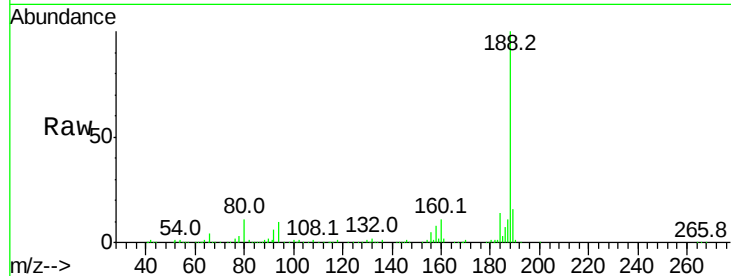




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

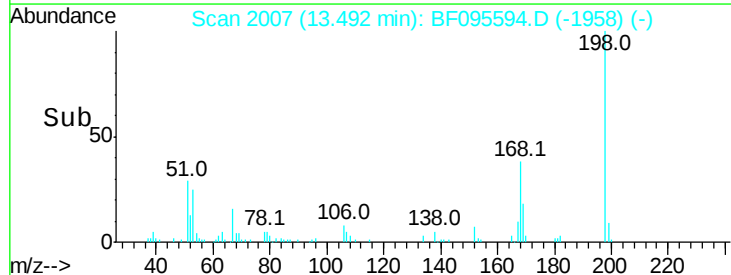
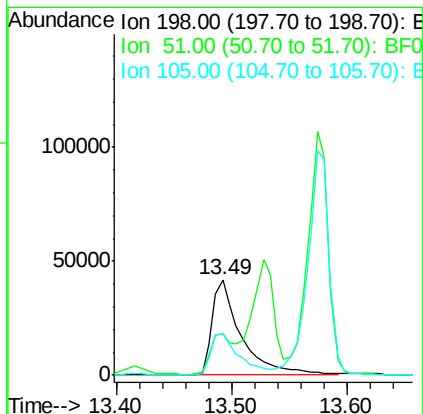
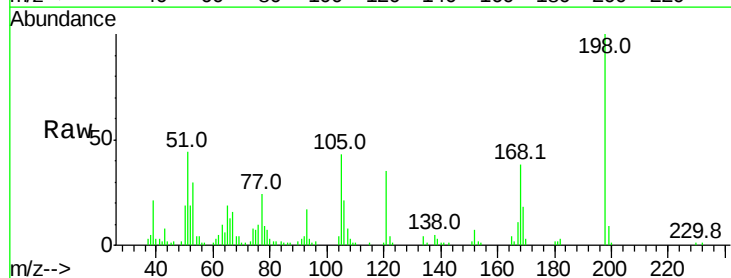
Instrument :
BNA_F
ClientSampleId :

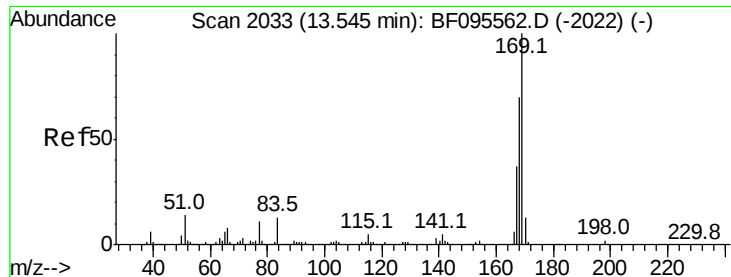
Tot Ion:188 Resp: 331158
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 33.21 ng
RT: 13.49 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:198 Resp: 73728
Ion Ratio Lower Upper
198 100
51 44.0 53.2 93.2#
105 43.3 45.8 85.8#

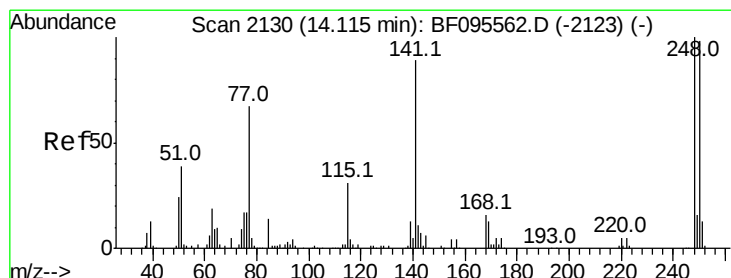
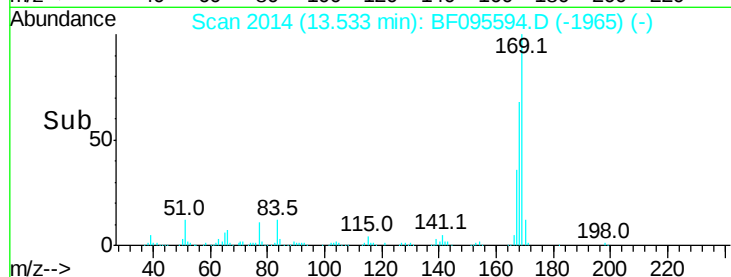
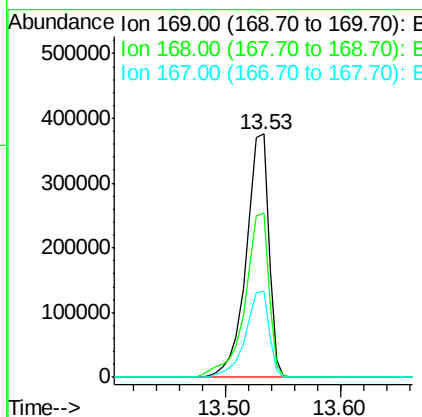
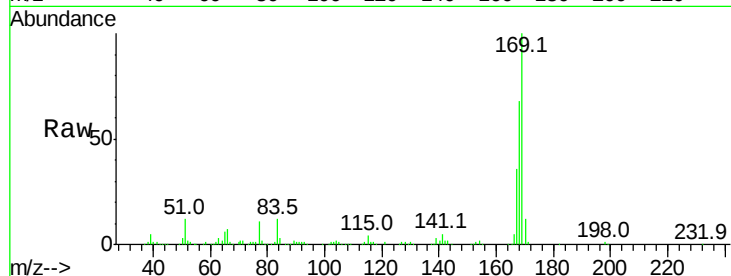




#65
n-Nitrosodiphenylamine
Concen: 42.72 ng
RT: 13.53 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

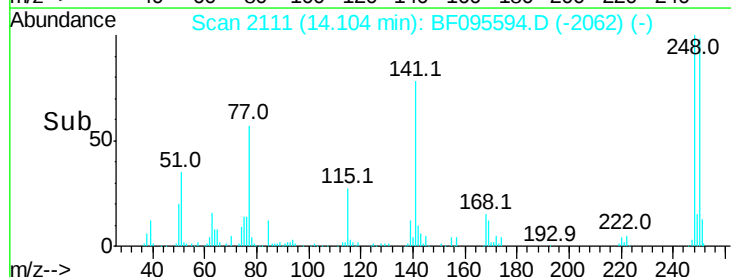
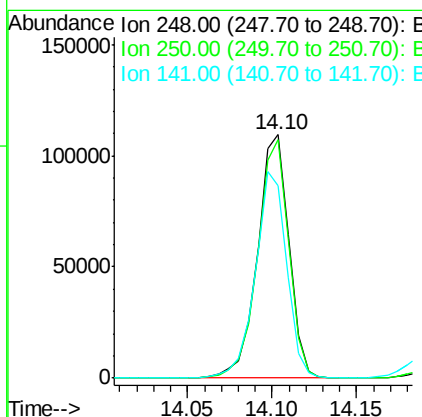
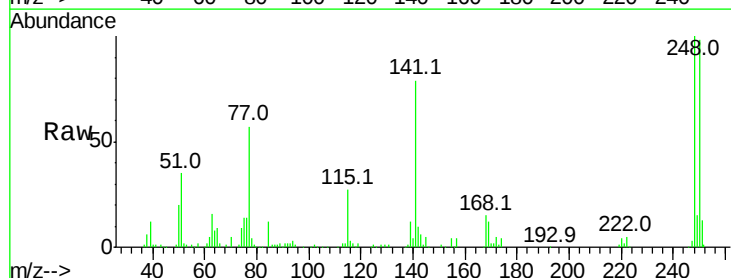
Instrument :
BNA_F
ClientSampleId :

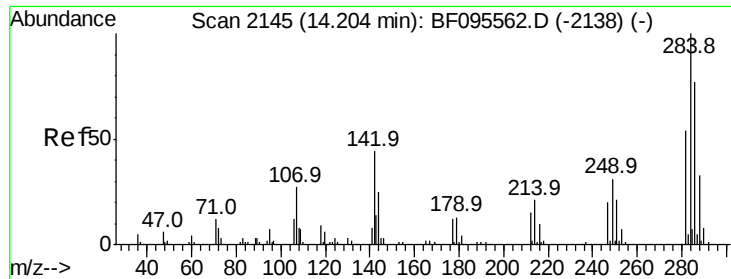
Tot Ion:169 Resp: 513507
Ion Ratio Lower Upper
169 100
168 67.7 53.2 79.8
167 35.6 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 40.40 ng
RT: 14.10 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:248 Resp: 141351
Ion Ratio Lower Upper
248 100
250 97.9 76.8 115.2
141 79.0 68.6 103.0

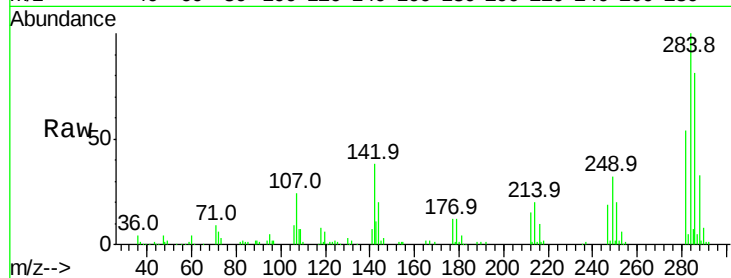




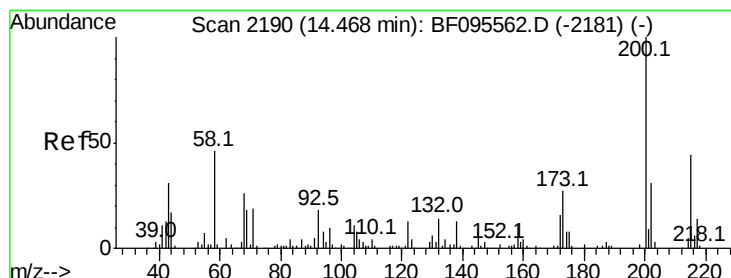
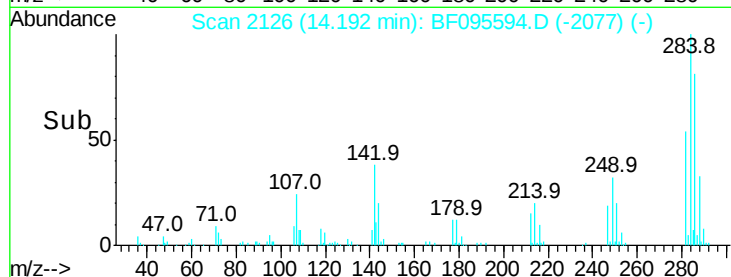
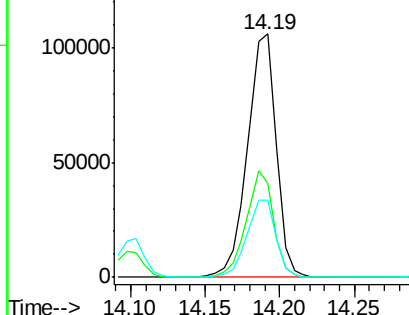
#67
Hexachlorobenzene
Concen: 39.34 ng
RT: 14.19 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 141069
Ion Ratio Lower Upper
284 100
142 38.4 22.8 34.2#
249 31.6 24.0 36.0

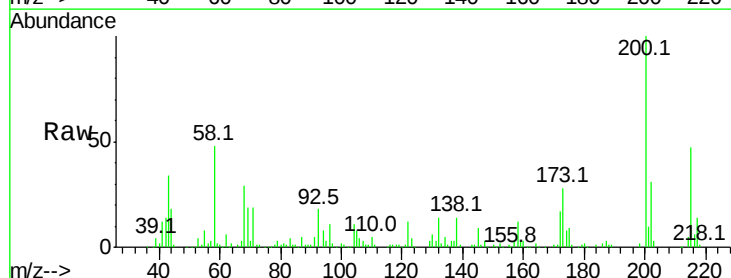


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

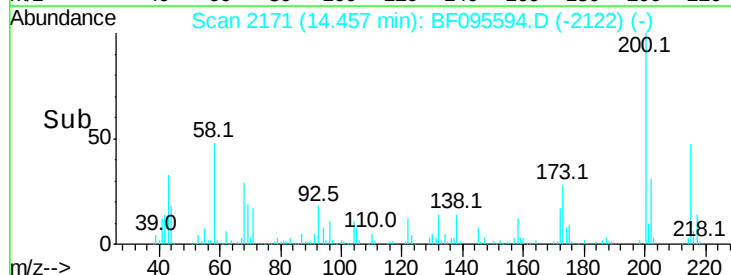
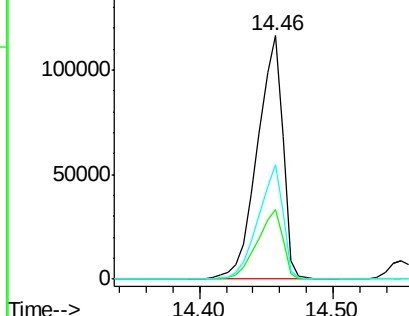


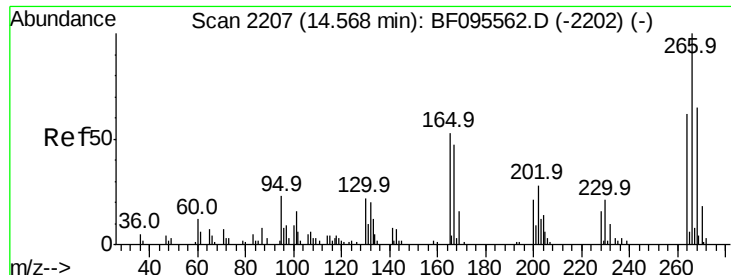
#68
Atrazine
Concen: 45.26 ng
RT: 14.46 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:200 Resp: 153594
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 47.0 27.2 67.2



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

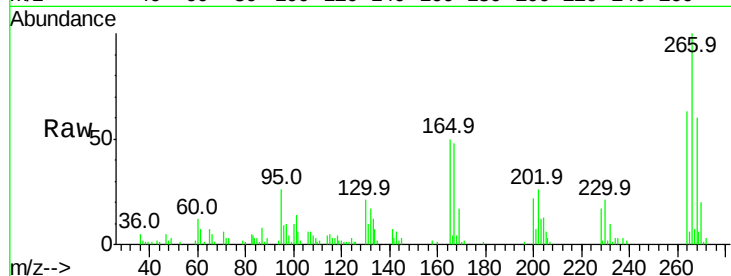




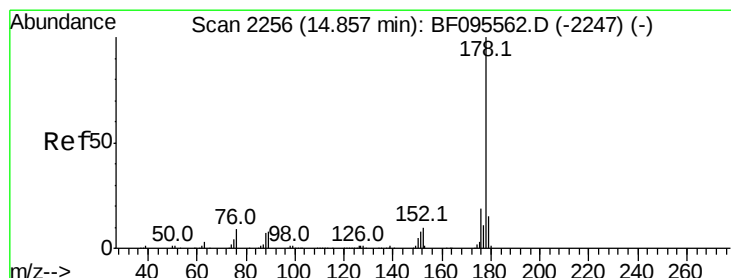
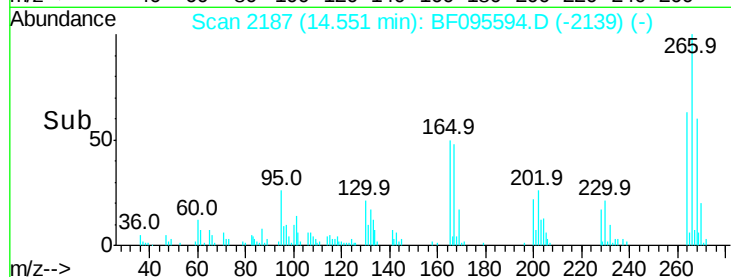
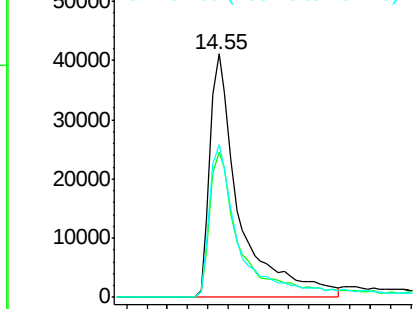
#69
 Pentachlorophenol
 Concen: 53.75 ng
 RT: 14.55 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 83773
 Ion Ratio Lower Upper
 266 100
 268 59.6 51.1 76.7
 264 62.7 51.7 77.5

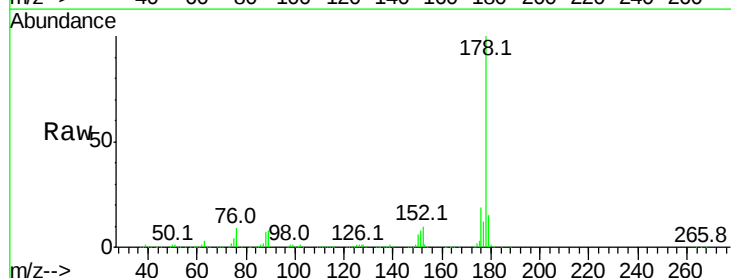


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

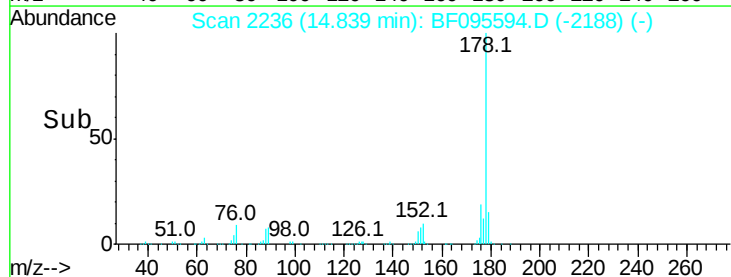
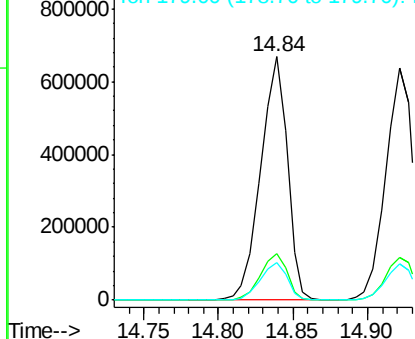


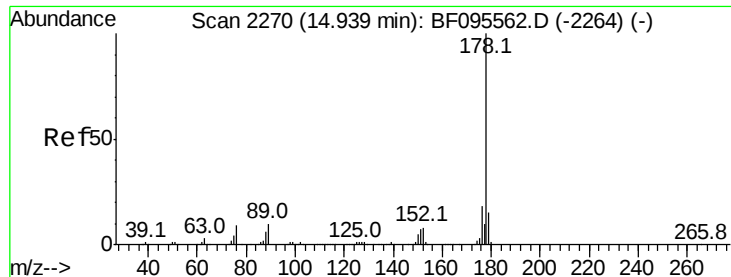
#70
 Phenanthrene
 Concen: 43.47 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:178 Resp: 827031
 Ion Ratio Lower Upper
 178 100
 176 19.3 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

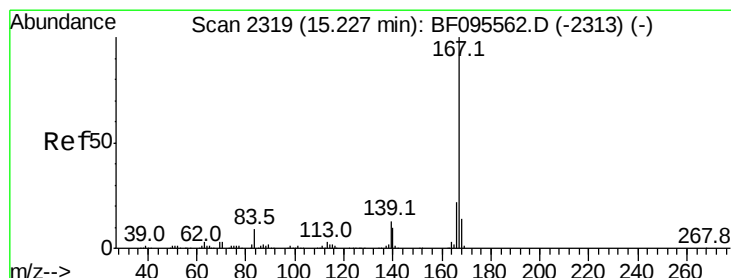
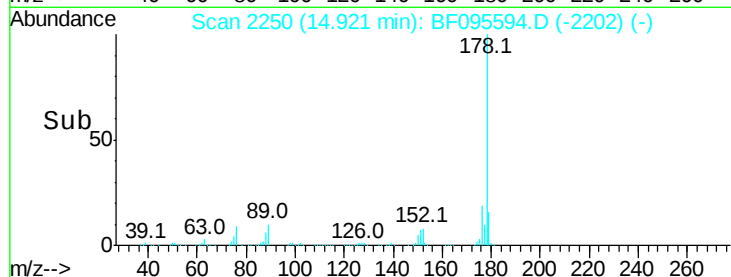
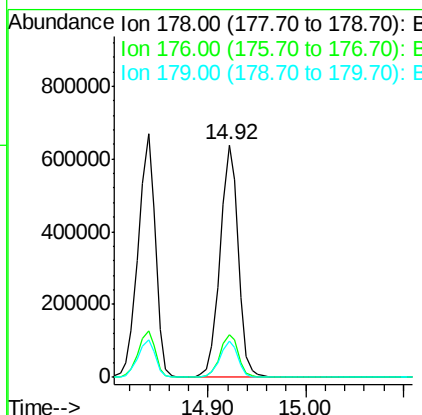
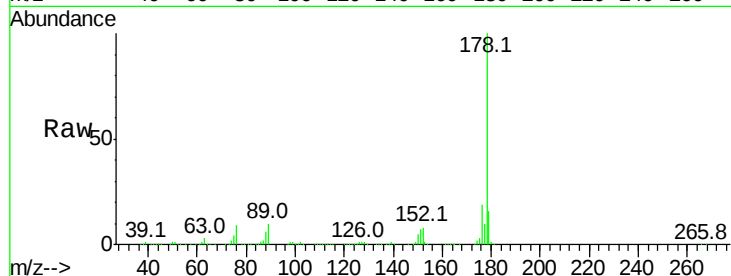




#71
 Anthracene
 Concen: 42.48 ng
 RT: 14.92 min Scan# 2250
 Delta R.T. -0.02 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

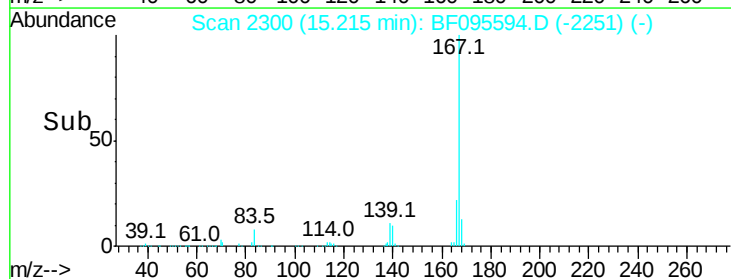
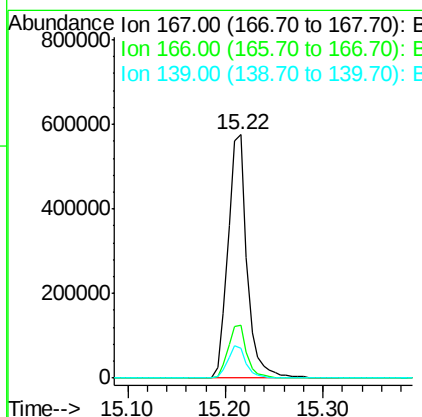
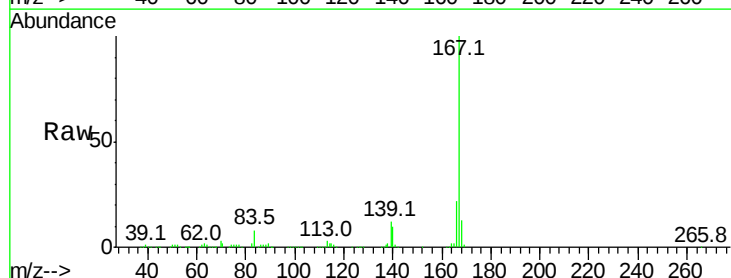
Instrument :
 BNA_F
 ClientSampleId :

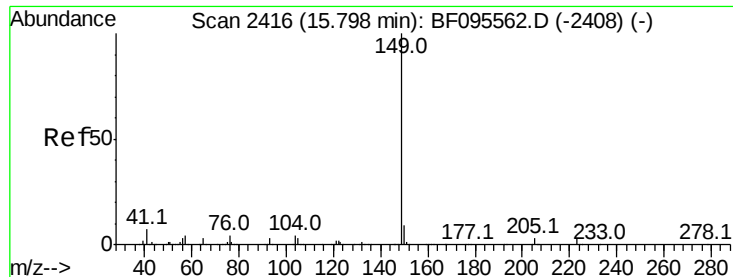
Tot Ion:178 Resp: 825556
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 44.26 ng
 RT: 15.22 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:167 Resp: 782662
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 40.09 ng

RT: 15.79 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

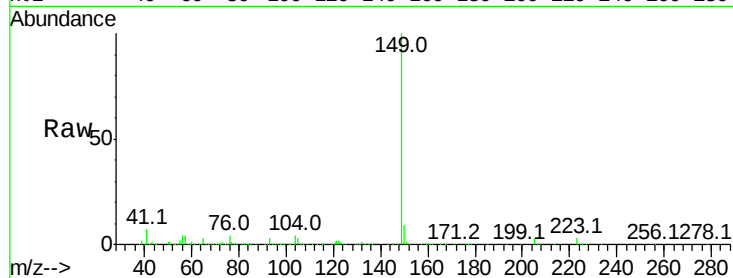
Tot Ion:149 Resp: 884189

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

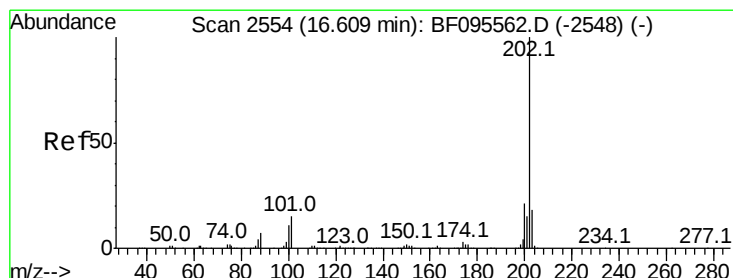
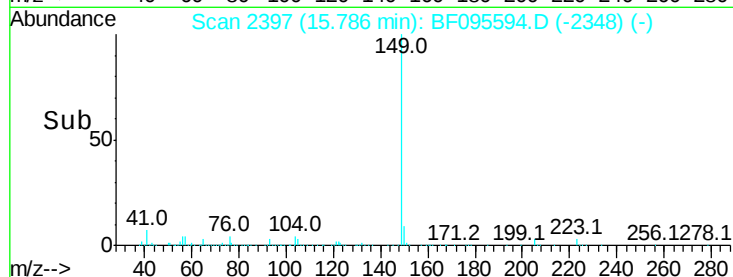
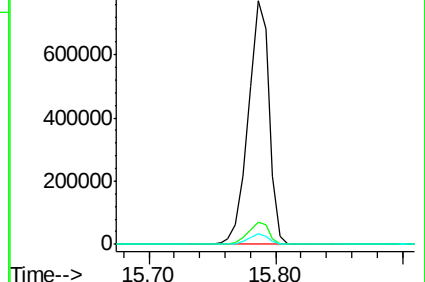
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.65 ng

RT: 16.60 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

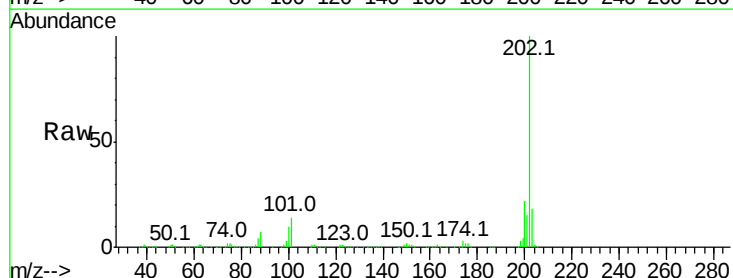
Tgt Ion:202 Resp: 832393

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

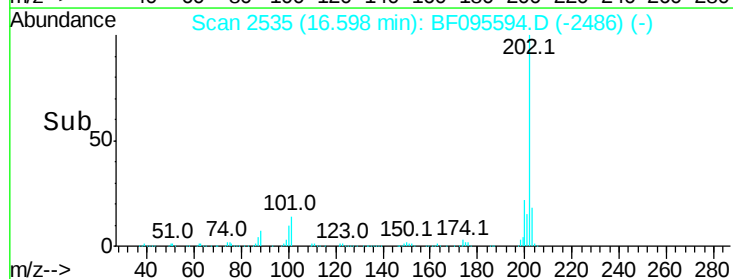
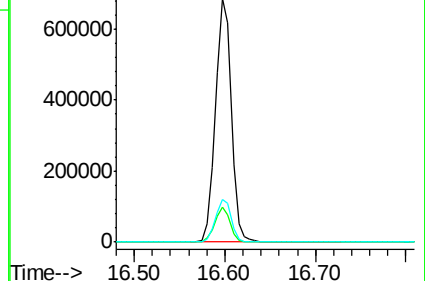
203 17.7 0.0 38.1

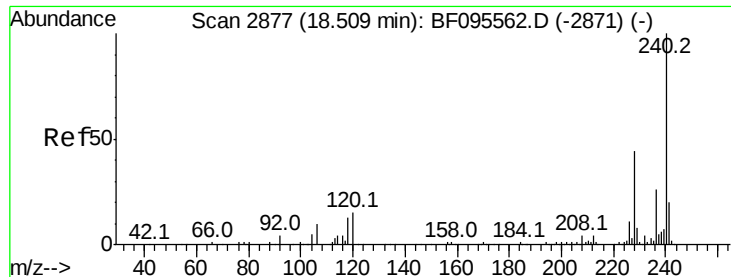


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

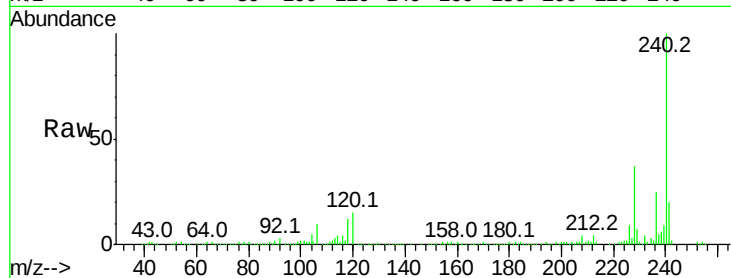




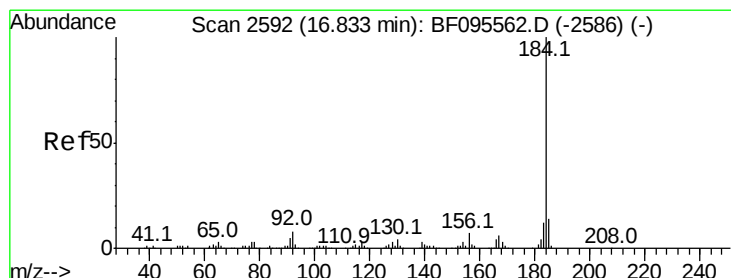
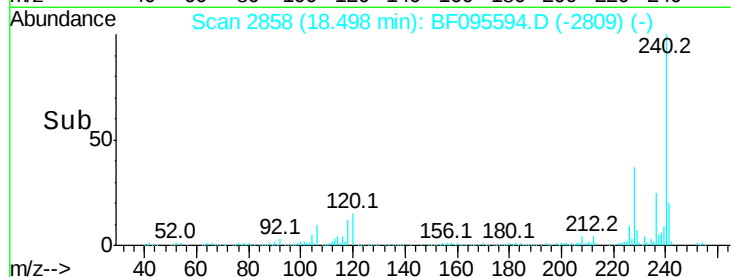
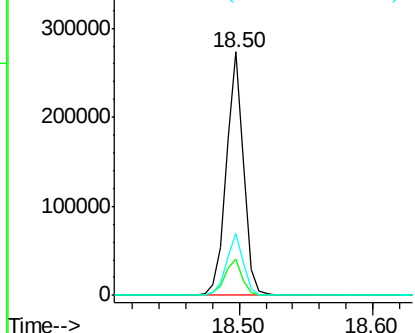
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 249520
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.5 20.5 30.7

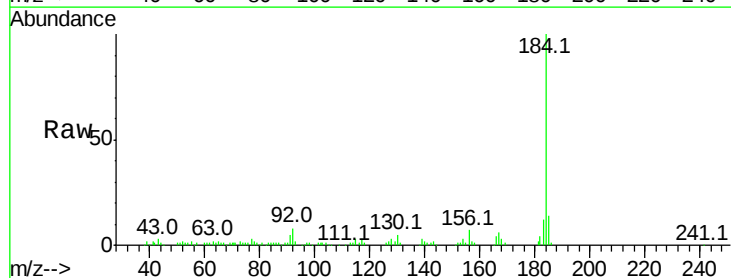


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

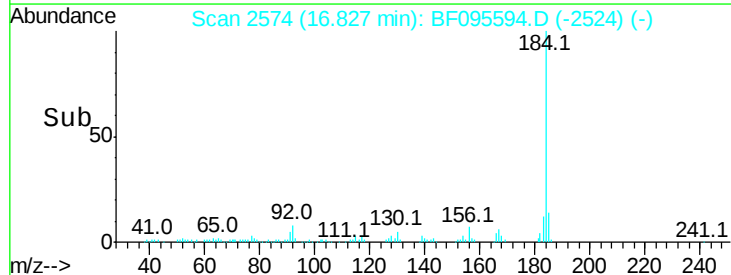
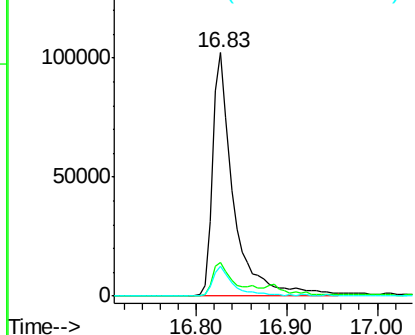


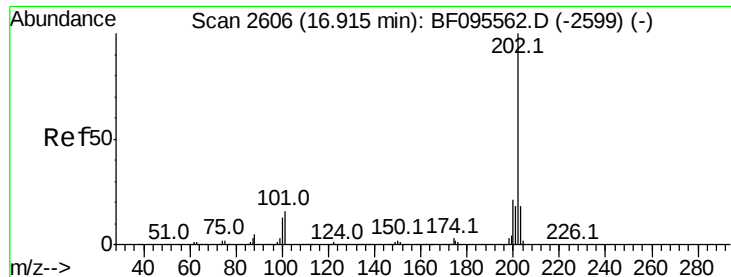
#76
 Benzidine
 Concen: 27.68 ng
 RT: 16.83 min Scan# 2574
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:184 Resp: 164970
 Ion Ratio Lower Upper
 184 100
 185 13.9 15.5 23.3#
 183 12.0 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: 44.83 ng

RT: 16.90 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampled :

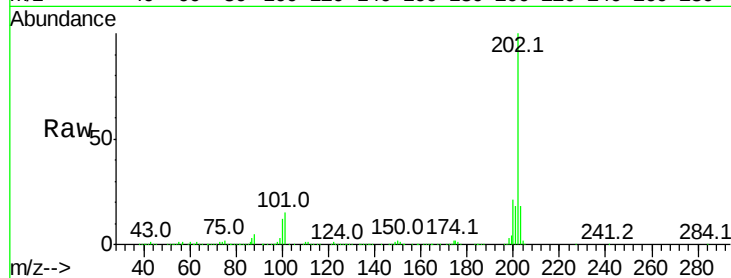
Tot Ion:202 Resp: 836506

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

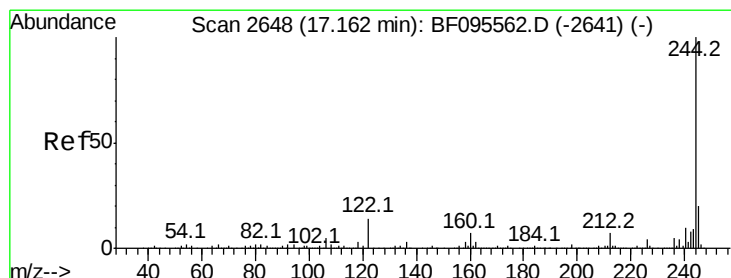
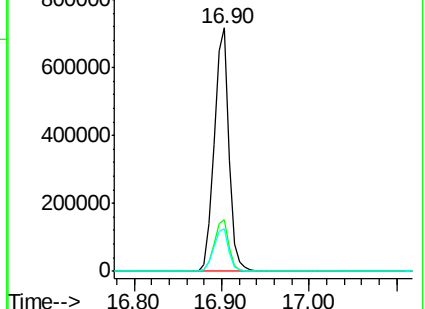
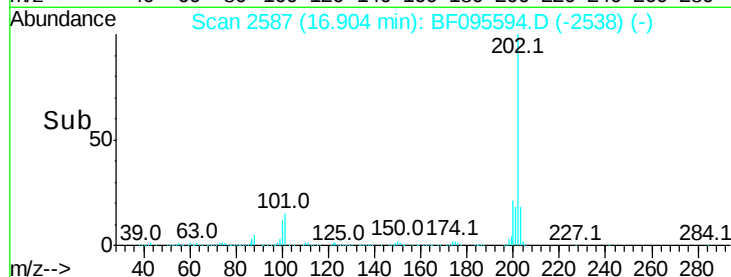
203 17.6 14.4 21.6



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: 83.55 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

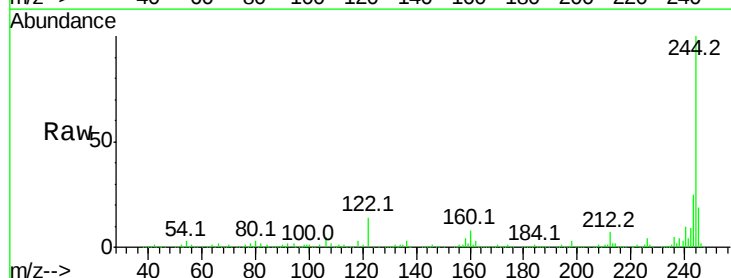
Tgt Ion:244 Resp: 946525

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

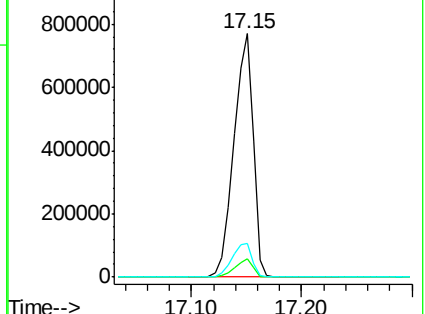
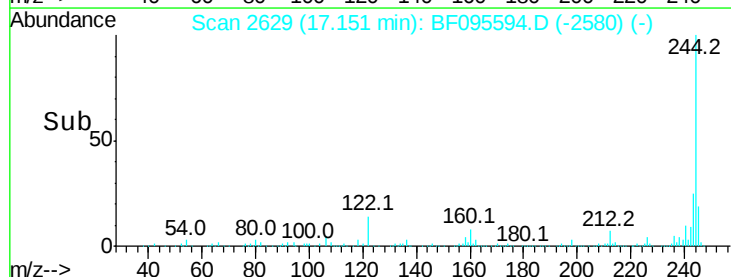
122 14.0 10.3 15.5

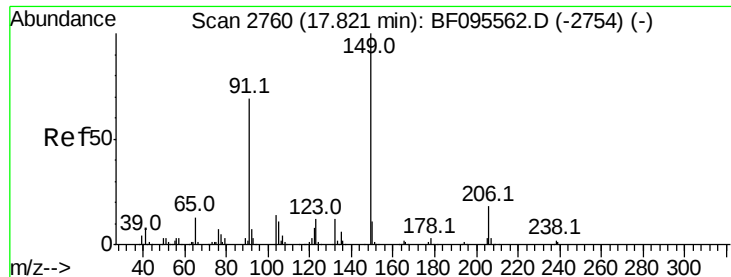


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

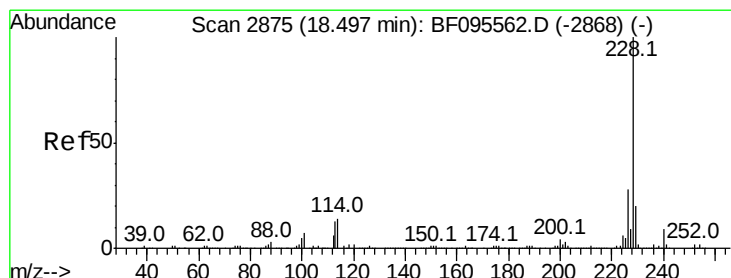
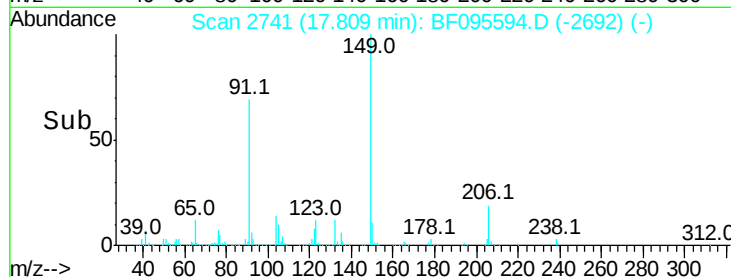
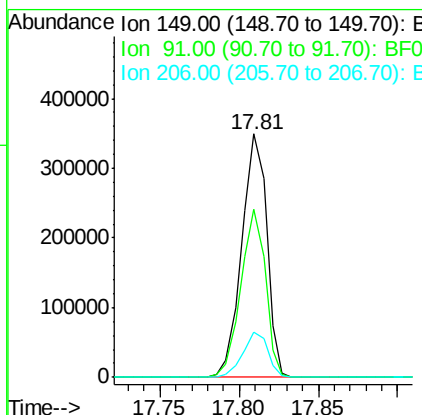
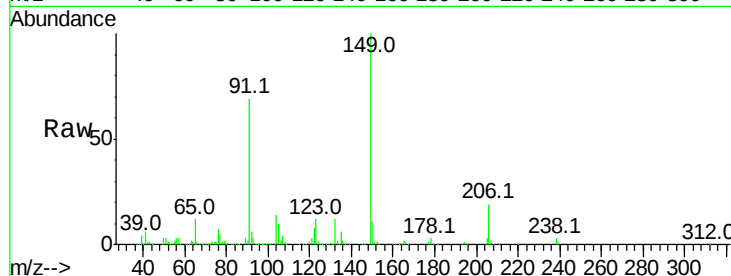




#79
Butylbenzylphthalate
Concen: 44.26 ng
RT: 17.81 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

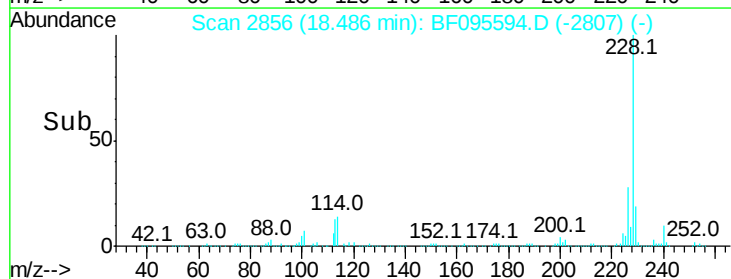
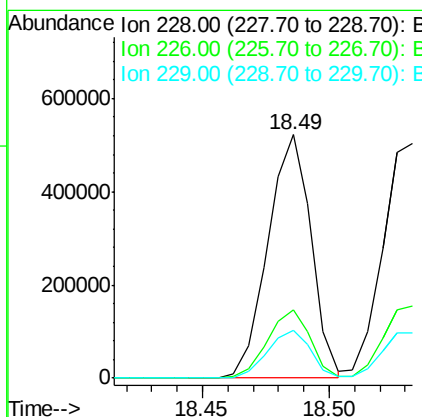
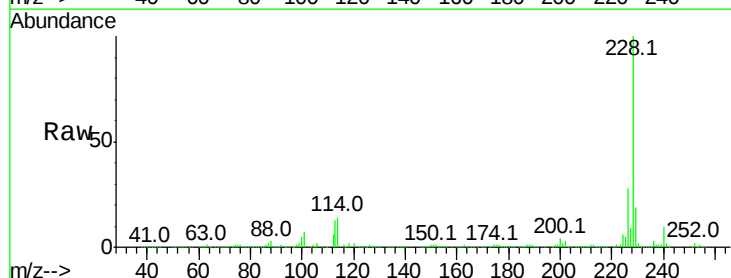
Instrument :
BNA_F
ClientSampleId :

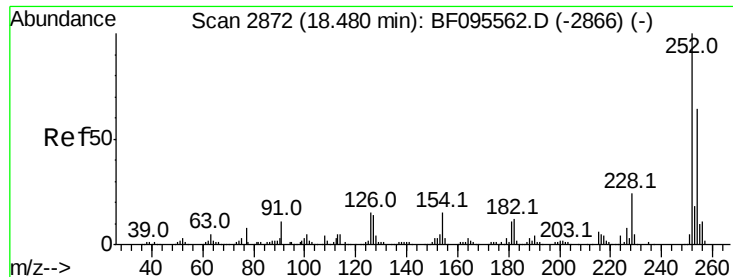
Tot Ion:149 Resp: 384220
Ion Ratio Lower Upper
149 100
91 69.0 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 42.77 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:228 Resp: 621162
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.4 16.3 24.5

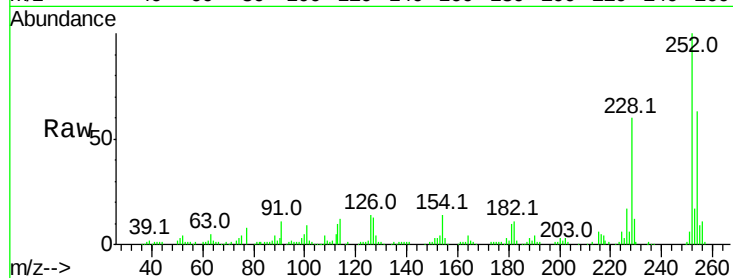




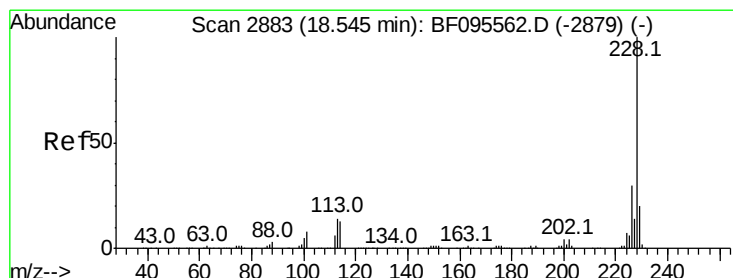
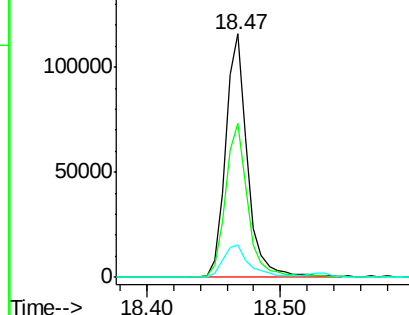
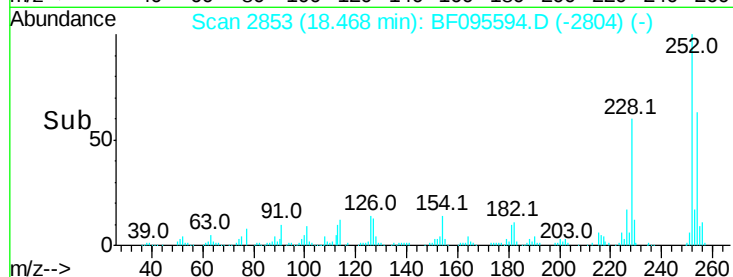
#81
 3,3'-Dichlorobenzidine
 Concen: 26.67 ng
 RT: 18.47 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 133762
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.5 77.3
 126 13.5 15.8 23.8#

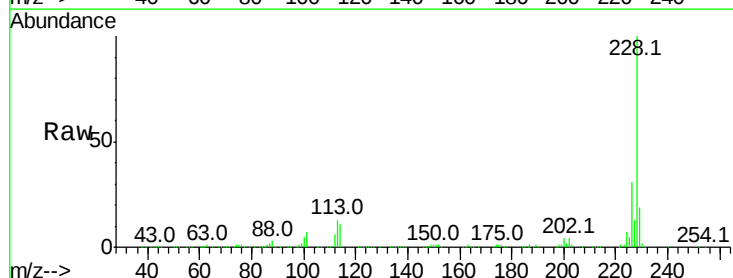


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

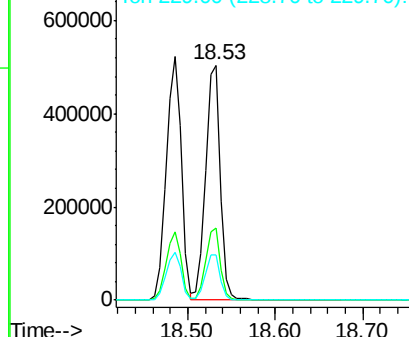
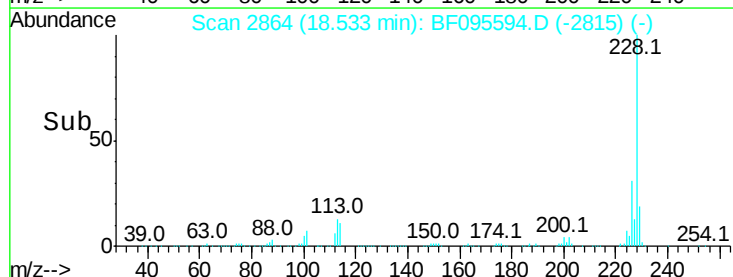


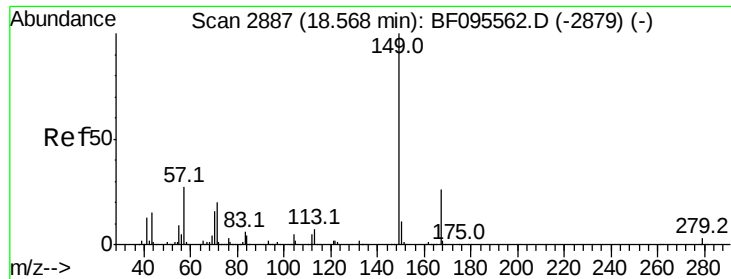
#82
 Chrysene
 Concen: 42.22 ng
 RT: 18.53 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:228 Resp: 592795
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 19.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

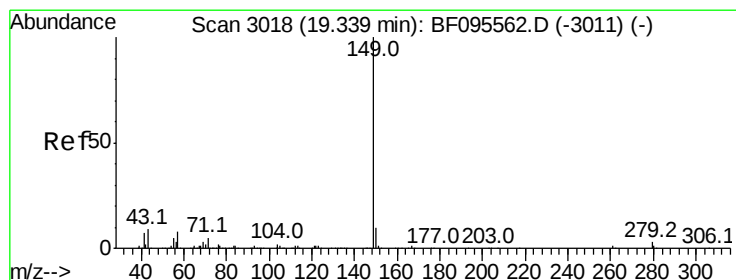
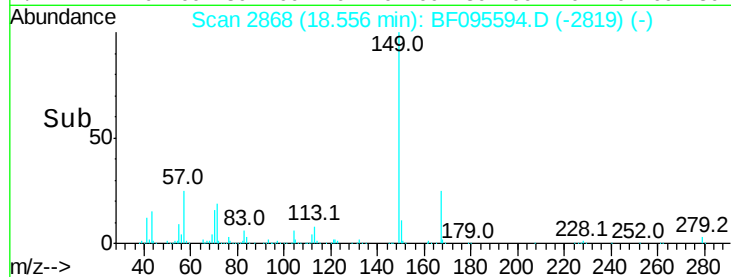
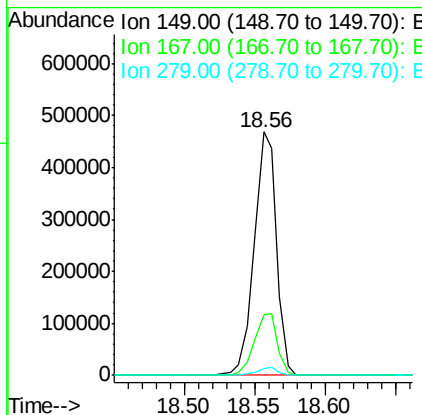
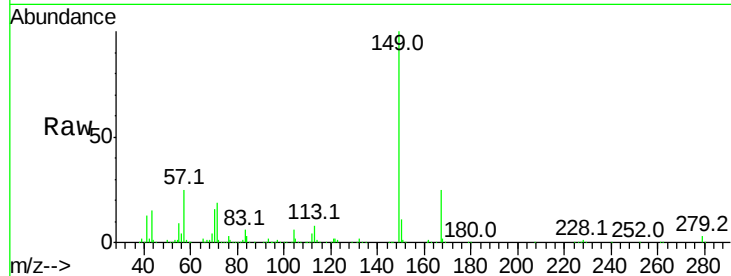




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.11 ng
 RT: 18.56 min Scan# 2868
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

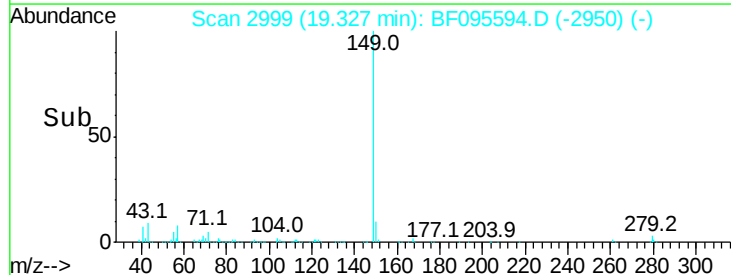
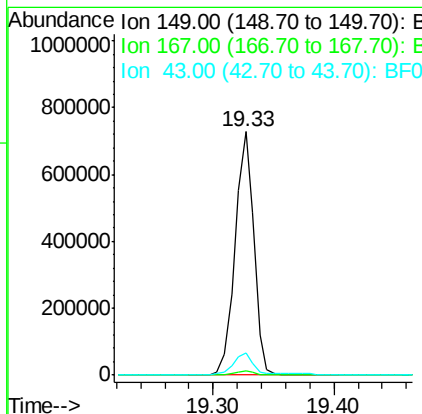
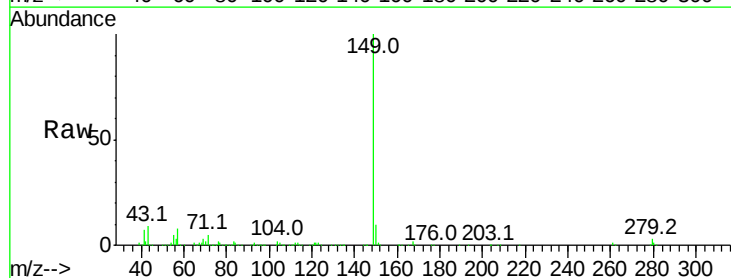
Instrument :
 BNA_F
 ClientSampleId :

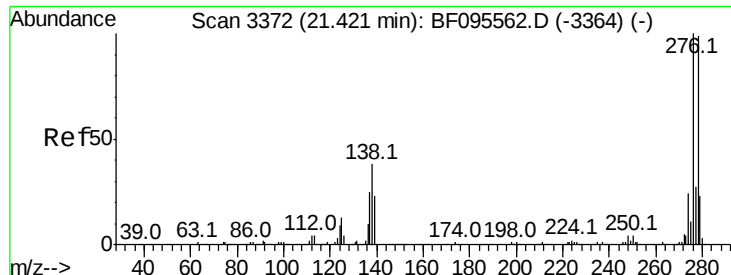
Tot Ion:149 Resp: 520812
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.0 31.4
 279 2.6 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 38.85 ng
 RT: 19.33 min Scan# 2999
 Delta R.T. -0.01 min
 Lab File: BF095594.D
 Acq: 1 Jun 2017 14:52

Tgt Ion:149 Resp: 787821
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.9 8.5 12.7

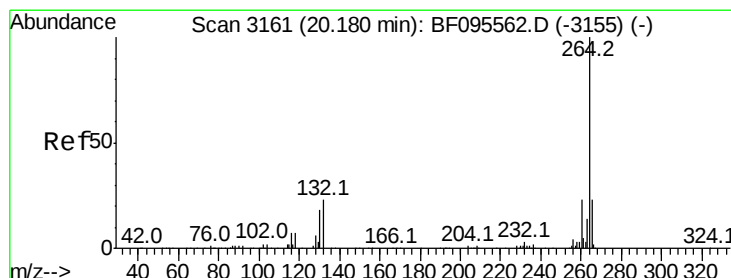
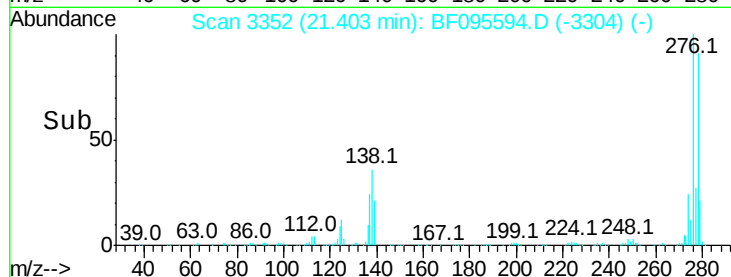
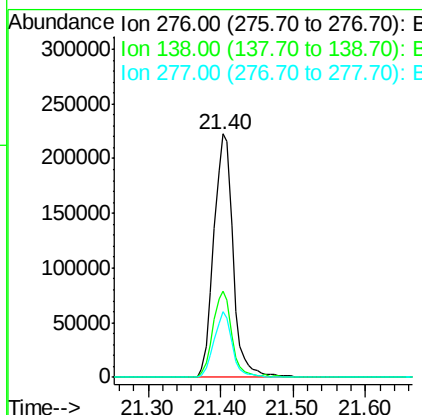
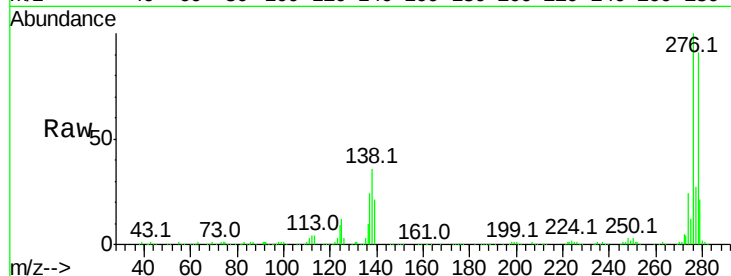




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.30 ng
RT: 21.40 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

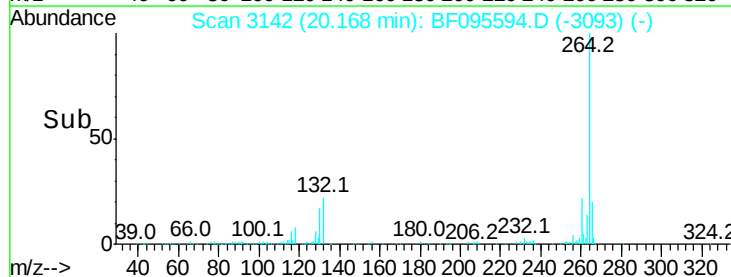
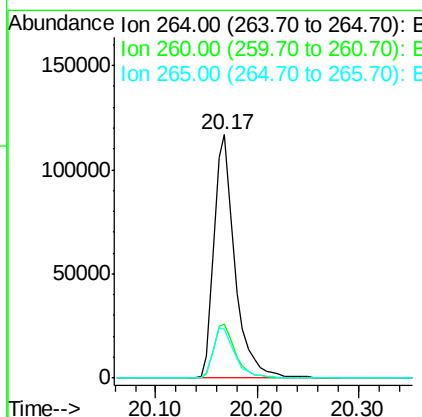
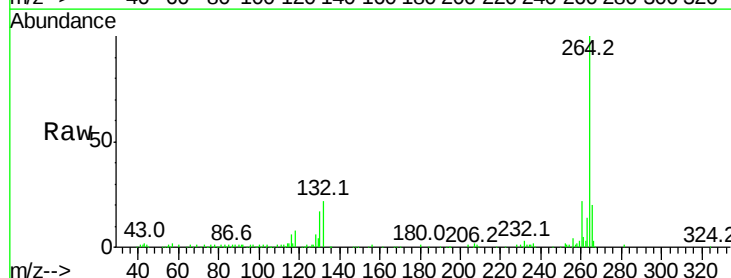
Instrument :
BNA_F
ClientSampleId :

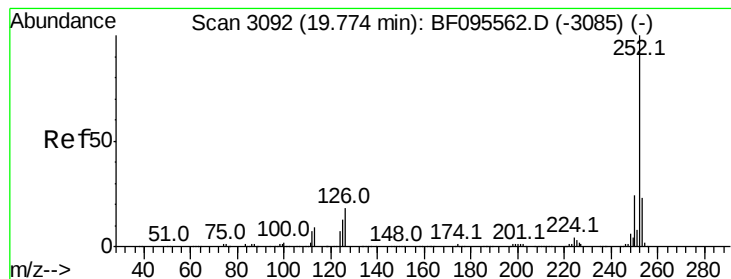
Tot Ion:276 Resp: 413913
Ion Ratio Lower Upper
276 100
138 35.0 27.8 41.6
277 25.3 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:264 Resp: 167489
Ion Ratio Lower Upper
264 100
260 22.1 19.5 29.3
265 20.0 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 46.10 ng

RT: 19.76 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

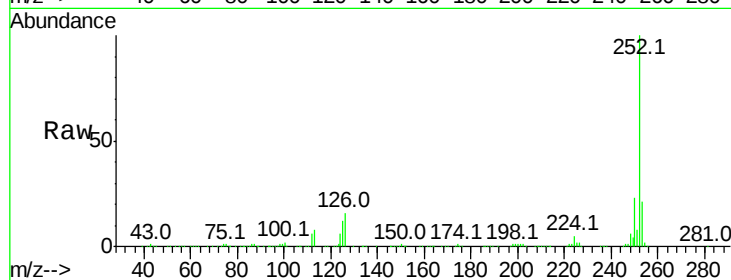
Tot Ion:252 Resp: 477106

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

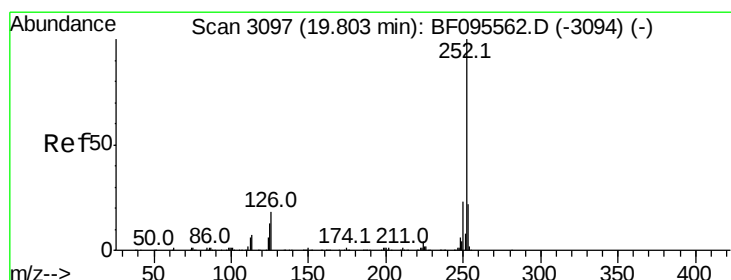
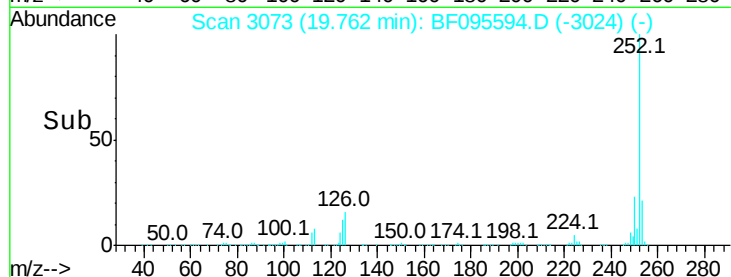
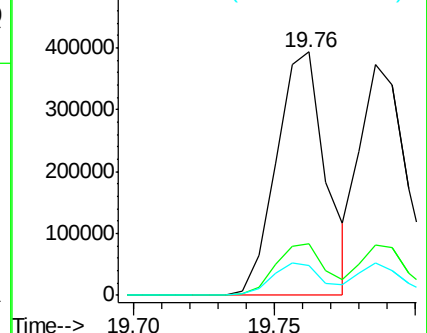
125 12.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.18 ng

RT: 19.79 min Scan# 3077

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

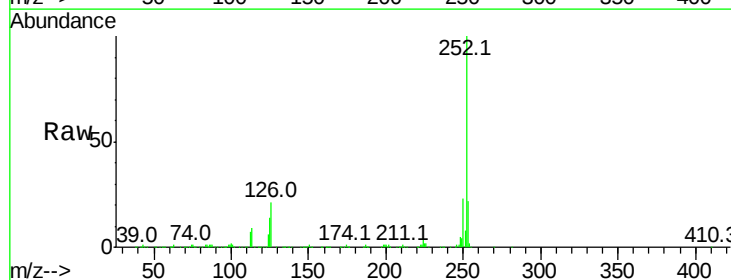
Tgt Ion:252 Resp: 441019

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

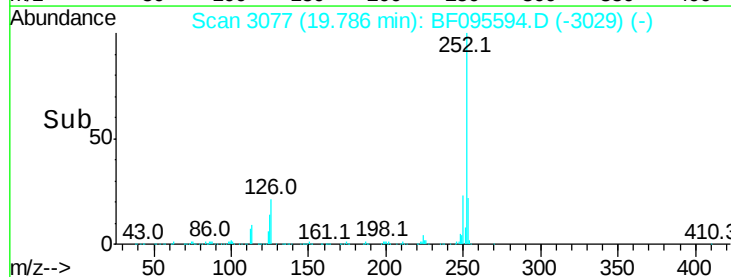
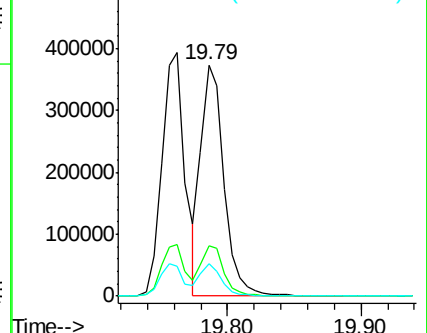
125 13.9 13.1 19.7

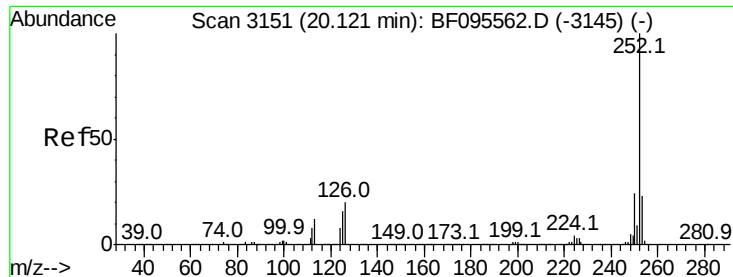


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

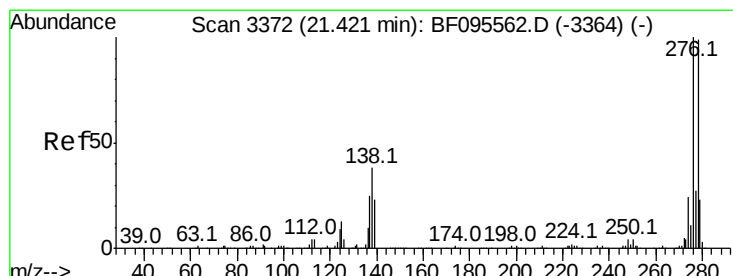
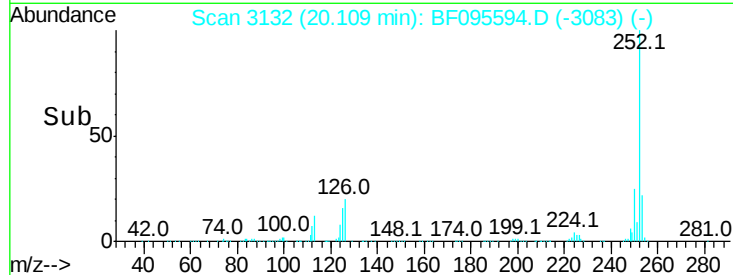
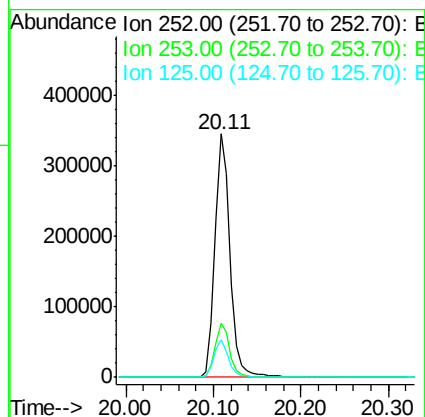
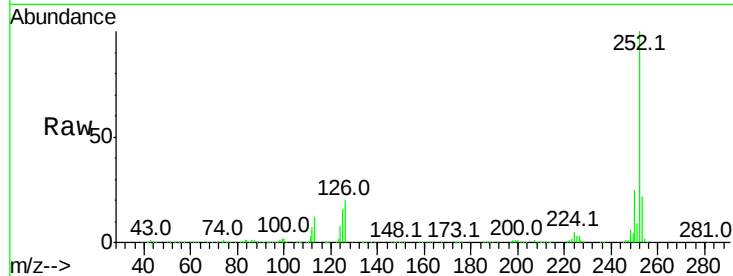




#89
Benzo(a)pyrene
Concen: 43.55 ng
RT: 20.11 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

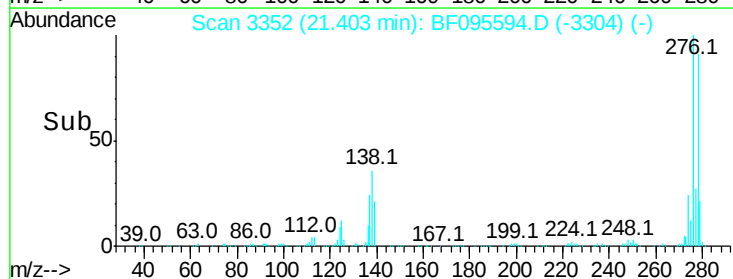
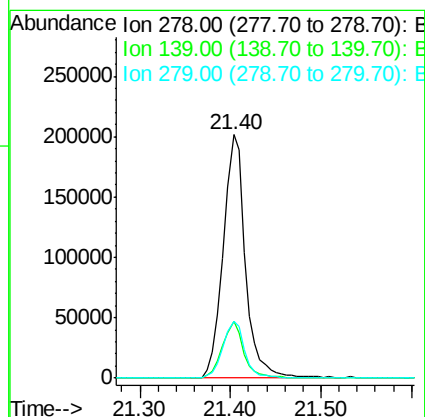
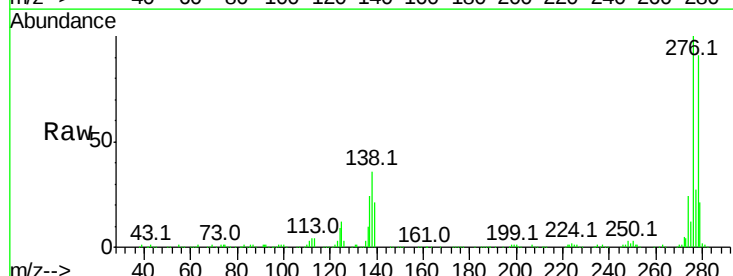
Instrument :
BNA_F
ClientSampleId :

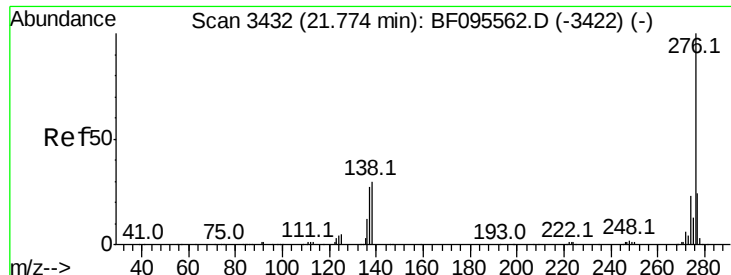
Tot Ion:252 Resp: 415927
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 15.7 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.35 ng
RT: 21.40 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BF095594.D
Acq: 1 Jun 2017 14:52

Tgt Ion:278 Resp: 341935
Ion Ratio Lower Upper
278 100
139 23.1 16.6 24.8
279 23.3 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 47.30 ng

RT: 21.76 min Scan# 3412

Delta R.T. -0.02 min

Lab File: BF095594.D

Acq: 1 Jun 2017 14:52

Instrument :

BNA_F

ClientSampleId :

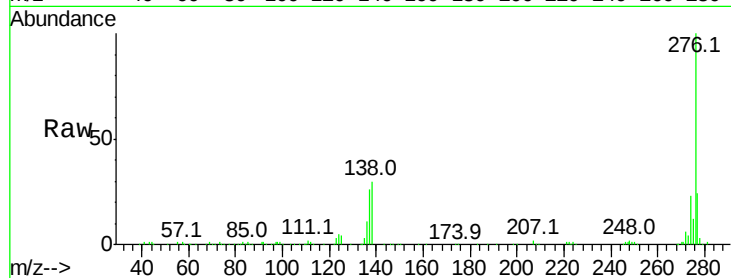
Tot Ion:276 Resp: 366104

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 30.5 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

