

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087657.D
 Acq On : 4 Jun 2016 10:43
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 05 00:55:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	111970	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	458505	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	216798	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	390100	20.00	ng	0.00
75) Chrysene-d12	14.02	240	295231	20.00	ng	0.00
86) Perylene-d12	15.44	264	250884	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	596101	86.05	ng	0.00
7) Phenol-d6	6.49	99	718494	82.70	ng	0.00
23) Nitrobenzene-d5	7.43	82	626833	79.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	166846	76.67	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1183144	83.19	ng	0.00
78) Terphenyl-d14	12.97	244	947044	78.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	139195	41.57	ng	# 28
3) Pyridine	3.20	79	328507	37.14	ng	100
4) n-Nitrosodimethylamine	3.14	42	156088	41.77	ng	99
6) Aniline	6.52	93	499916	40.60	ng	100
8) 2-Chlorophenol	6.64	128	305220	38.29	ng	100
9) Benzaldehyde	6.41	77	240093	40.88	ng	98
10) Phenol	6.50	94	443523	44.83	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	264370	36.78	ng	100
12) 1,3-Dichlorobenzene	6.80	146	323700	37.93	ng	99
13) 1,4-Dichlorobenzene	6.88	146	345743	40.37	ng	99
14) 1,2-Dichlorobenzene	7.04	146	307759	38.33	ng	99
15) Benzyl Alcohol	7.00	79	273240	42.57	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	410767	39.19	ng	98
17) 2-Methylphenol	7.11	107	257333	40.20	ng	99
18) Hexachloroethane	7.38	117	124839	41.68	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	201418	37.12	ng	99
20) 3+4-Methylphenols	7.27	107	295269	37.65	ng	99
22) Acetophenone	7.28	105	437270	42.11	ng	99
24) Nitrobenzene	7.45	77	344664	43.46	ng	100
25) Isophorone	7.69	82	585120	40.56	ng	99
26) 2-Nitrophenol	7.76	139	144562	39.23	ng	98
27) 2,4-Dimethylphenol	7.80	122	316286	41.41	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	343446	37.53	ng	99
29) 2,4-Dichlorophenol	8.00	162	250102	39.87	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	269143	40.97	ng	100
31) Naphthalene	8.17	128	914079	41.00	ng	100
32) Benzoic acid	7.91	122	205091	44.51	ng	97
33) 4-Chloroaniline	8.22	127	381469	39.39	ng	99
34) Hexachlorobutadiene	8.30	225	141389	41.40	ng	99
35) Caprolactam	8.59	113	79782	38.72	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	268454	41.37	ng	99
37) 2-Methylnaphthalene	8.86	142	576481	39.16	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	242659	40.61	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	137197	39.04	ng	99

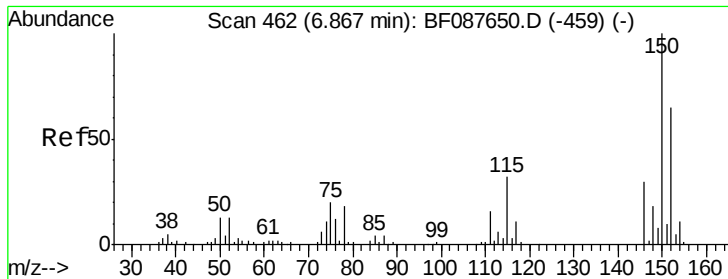
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	178774	39.62	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	181804	43.29	ng	99
45) 1,1'-Biphenyl	9.32	154	664359	37.76	ng	99
46) 2-Chloronaphthalene	9.35	162	507232	36.22	ng	100
47) 2-Nitroaniline	9.44	65	146517	37.15	ng	100
48) Acenaphthylene	9.77	152	878965	40.24	ng	99
49) Dimethylphthalate	9.63	163	667901	42.38	ng	99
50) 2,6-Dinitrotoluene	9.69	165	158483	44.19	ng	97
51) Acenaphthene	9.94	154	564973	40.20	ng	100
52) 3-Nitroaniline	9.85	138	146927	35.82	ng	100
53) 2,4-Dinitrophenol	9.95	184	64797	41.76	ng	97
54) Dibenzofuran	10.11	168	795873	41.60	ng	100
55) 4-Nitrophenol	10.00	139	120479	34.37	ng	97
56) 2,4-Dinitrotoluene	10.09	165	204897	44.87	ng	100
57) Fluorene	10.44	166	554647	37.08	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	139969	38.69	ng	# 54
59) Diethylphthalate	10.33	149	611997	38.66	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	244168	40.85	ng	99
61) 4-Nitroaniline	10.47	138	173237	43.93	ng	99
62) Azobenzene	10.60	77	673207	42.25	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85125	39.63	ng	98
65) n-Nitrosodiphenylamine	10.56	169	488826	38.26	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	171521	44.34	ng	99
67) Hexachlorobenzene	10.99	284	164940	38.13	ng	99
68) Atrazine	11.09	200	153097	40.45	ng	89
69) Pentachlorophenol	11.19	266	111418	43.35	ng	99
70) Phenanthrene	11.41	178	784898	37.11	ng	100
71) Anthracene	11.46	178	911275	43.00	ng	100
72) Carbazole	11.61	167	780602	38.91	ng	100
73) Di-n-butylphthalate	11.95	149	945708	43.97	ng	100
74) Fluoranthene	12.59	202	887539	42.64	ng	99
76) Benzidine	12.72	184	522314	44.87	ng	100
77) Pyrene	12.82	202	907690	43.18	ng	100
79) Butylbenzylphthalate	13.45	149	391215	43.72	ng	98
80) Benzo(a)anthracene	14.01	228	708396	41.58	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	215744	44.88	ng	100
82) Chrysene	14.05	228	715671	42.20	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	469080	44.06	ng	100
84) Di-n-octyl phthalate	14.62	149	788861	39.85	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	582754	41.57	ng	# 100
87) Benzo(b)fluoranthene	15.06	252	1211663	74.24	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	1212104	89.27	ng	100
89) Benzo(a)pyrene	15.38	252	562311	40.99	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	484900	41.53	ng	100
91) Benzo(g,h,i)perylene	17.26	276	489425	41.55	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

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BNA_F

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SSTDCCC040

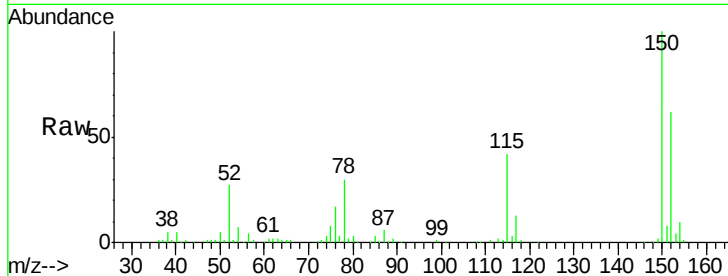
Tgt Ion:152 Resp: 111970

Ion Ratio Lower Upper

152 100

150 160.3 123.8 185.6

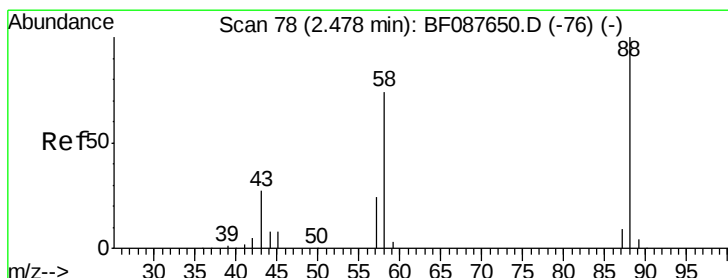
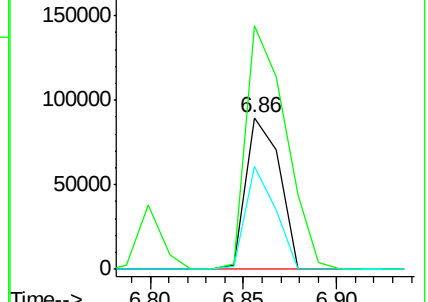
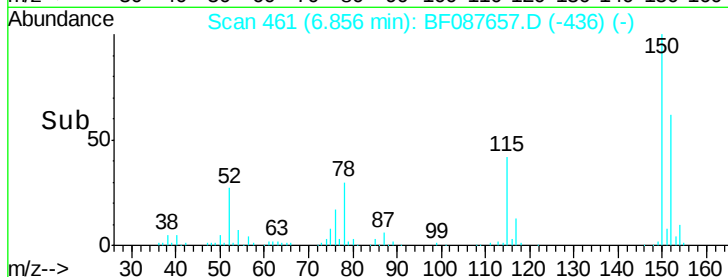
115 67.8 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.57 ng

RT: 2.48 min Scan# 78

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

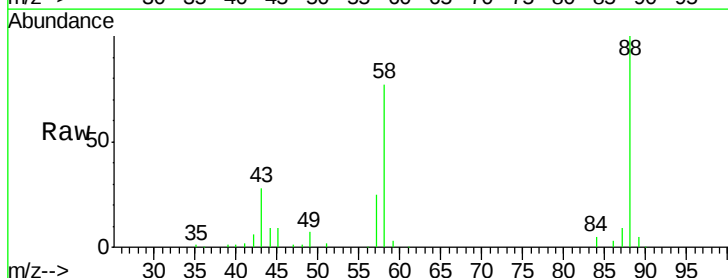
Tgt Ion: 88 Resp: 139195

Ion Ratio Lower Upper

88 100

58 76.7 0.0 0.0#

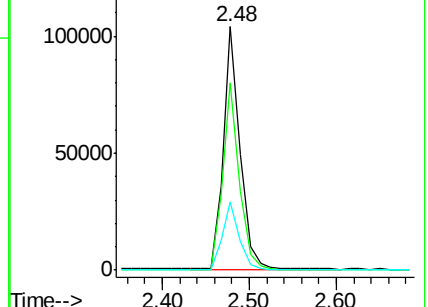
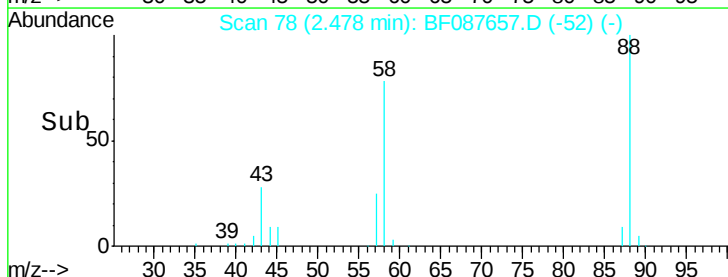
43 28.0 3.4 5.2#

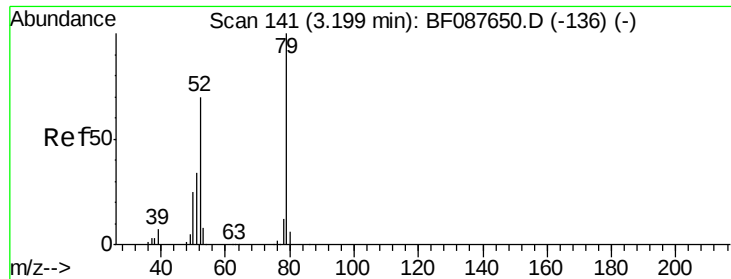


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

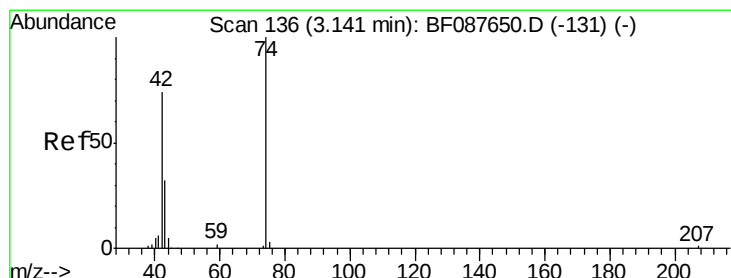
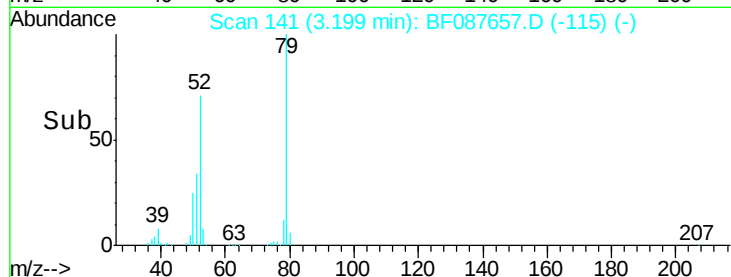
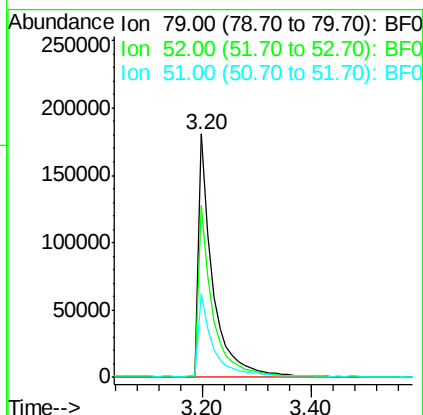
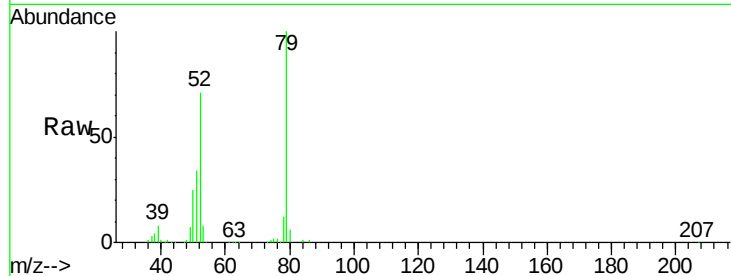




#3
 Pyridine
 Concen: 37.14 ng
 RT: 3.20 min Scan# 141
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

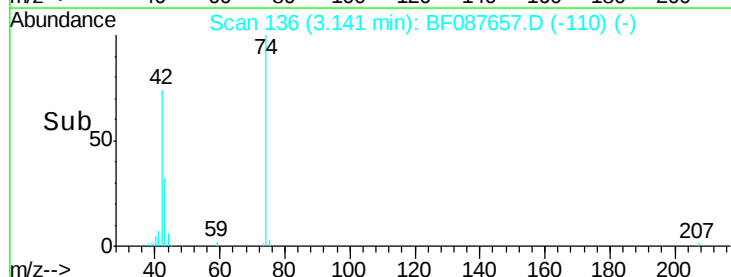
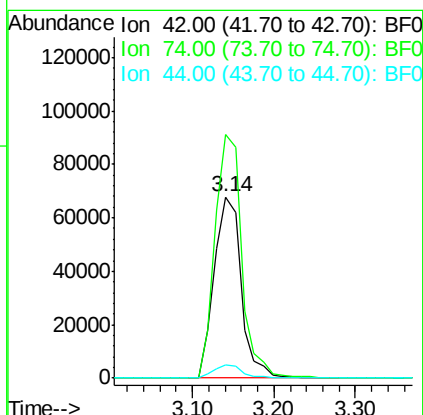
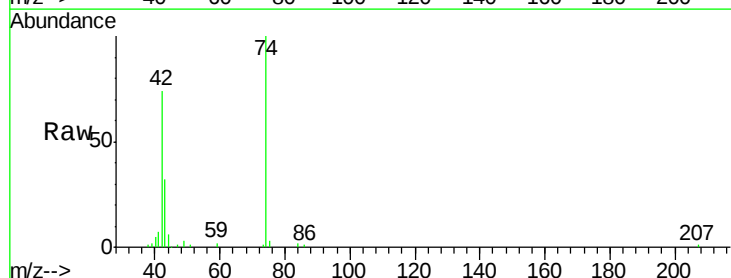
Instrument :
 BNA_F
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 SSTDCCC040

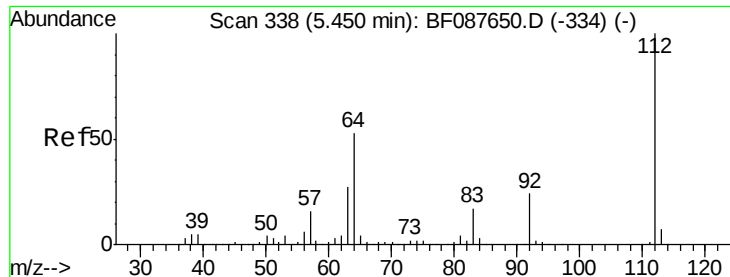
Tgt Ion: 79 Resp: 328507
 Ion Ratio Lower Upper
 79 100
 52 70.7 56.3 84.5
 51 34.3 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 41.77 ng
 RT: 3.14 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion: 42 Resp: 156088
 Ion Ratio Lower Upper
 42 100
 74 134.2 108.6 163.0
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 86.05 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

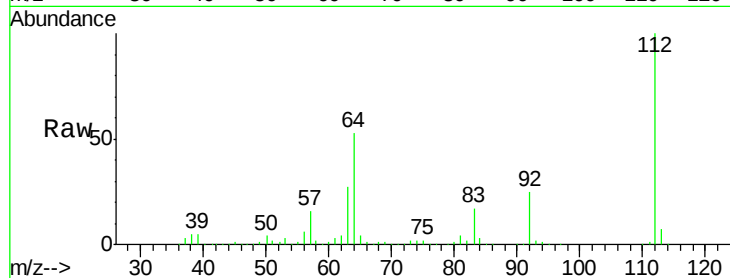
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

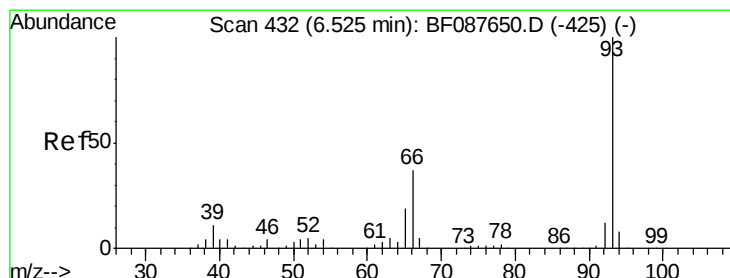
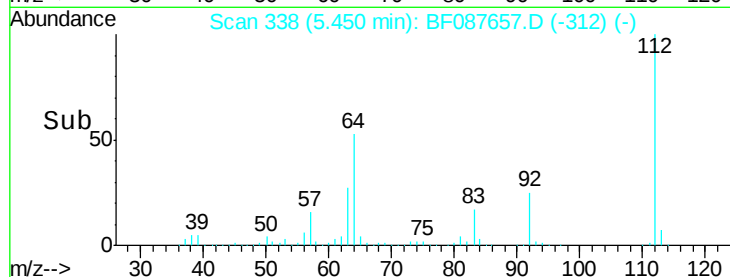
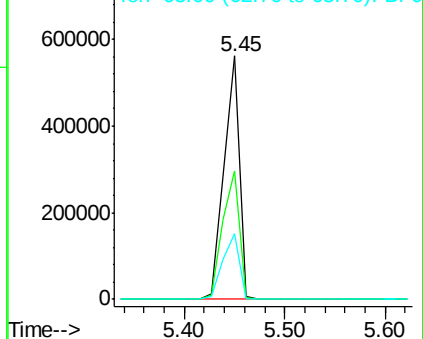
Tgt Ion:	112	Resp:	596101
Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.2	63.2
63	27.1	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.60 ng

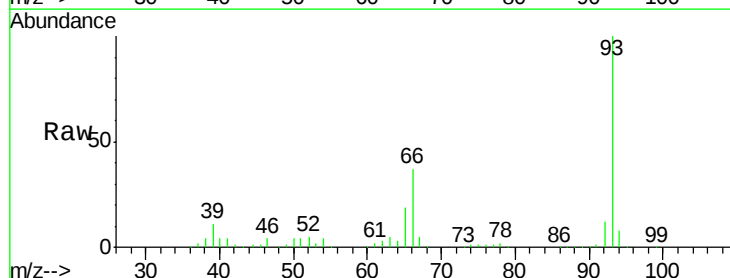
RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

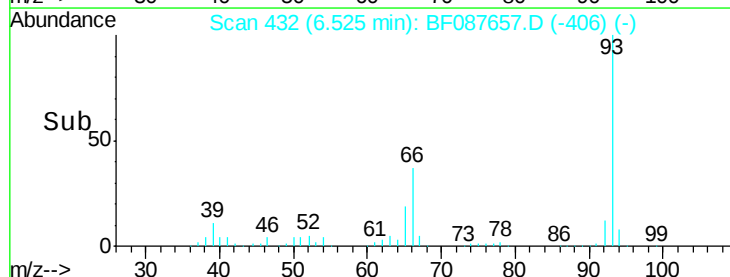
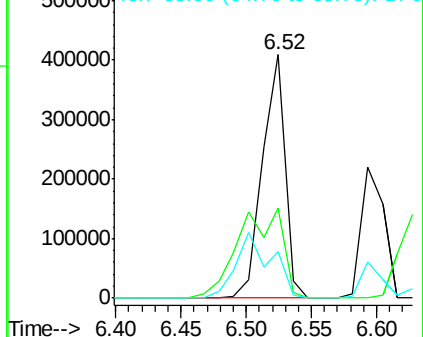
Tgt Ion:	93	Resp:	499916
Ion	Ratio	Lower	Upper
93	100		
66	37.1	29.8	44.8
65	19.0	14.9	22.3

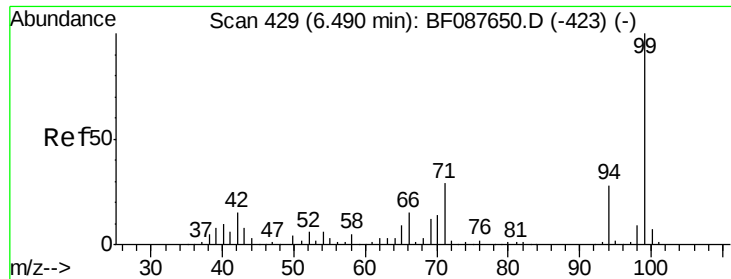


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.70 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

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SSTDCCC040

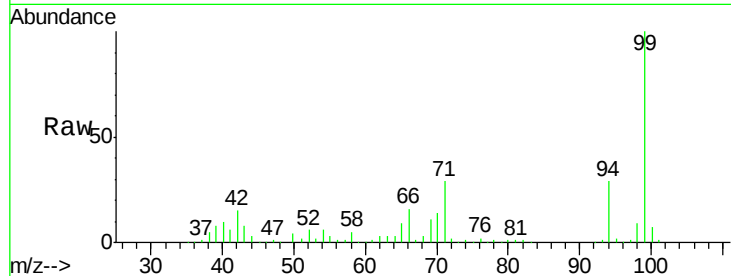
Tgt Ion: 99 Resp: 718494

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

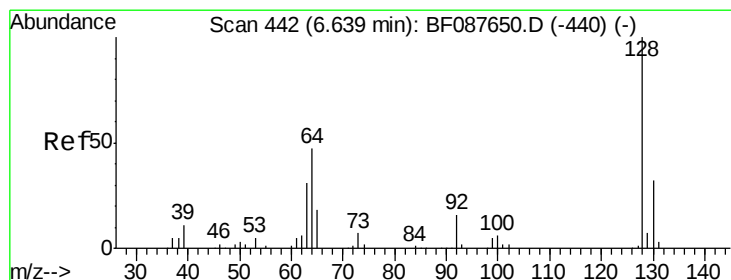
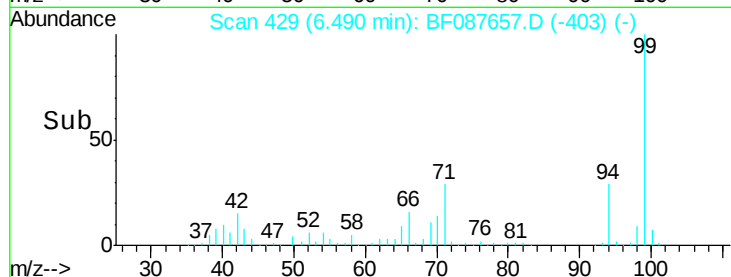
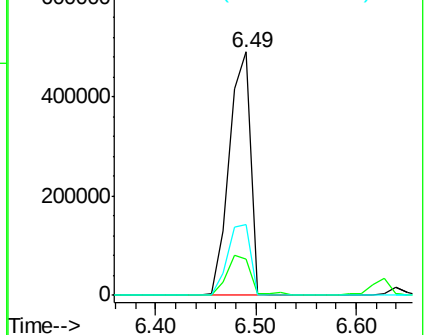
71 29.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.29 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

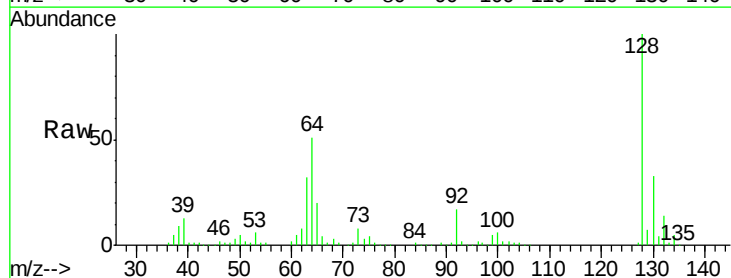
Tgt Ion: 128 Resp: 305220

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

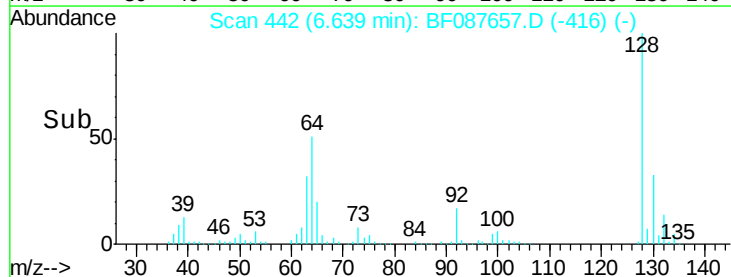
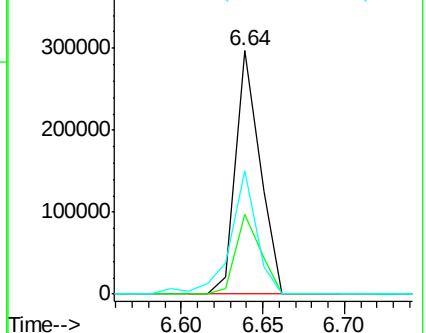
64 50.8 30.8 70.8

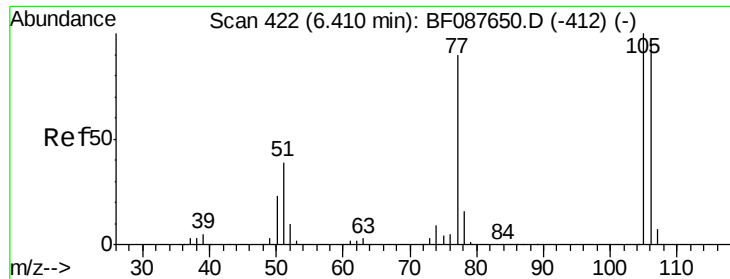


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.88 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

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SSTDCCC040

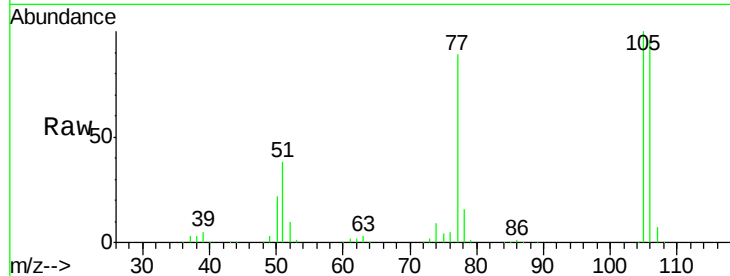
Tgt Ion: 77 Resp: 240093

Ion Ratio Lower Upper

77 100

105 111.8 90.6 130.6

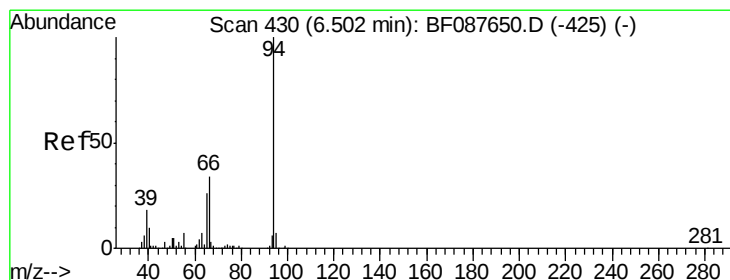
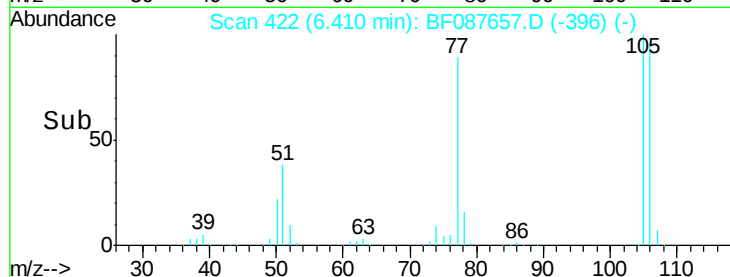
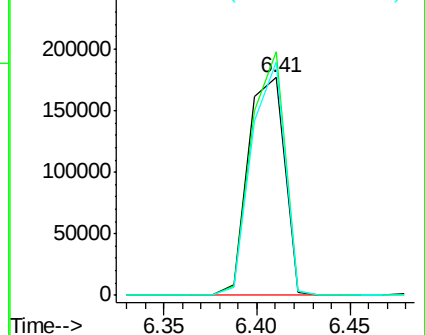
106 107.3 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.83 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

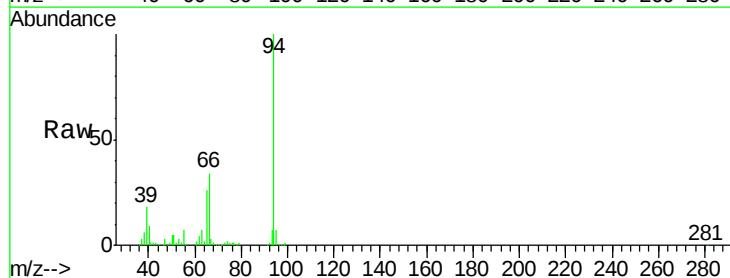
Tgt Ion: 94 Resp: 443523

Ion Ratio Lower Upper

94 100

65 26.0 5.9 45.9

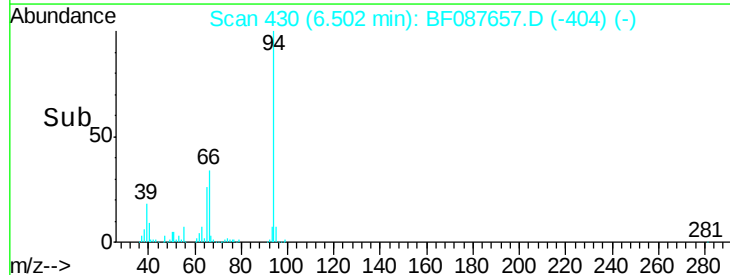
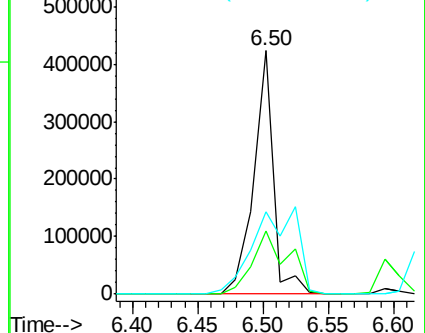
66 34.0 14.0 54.0

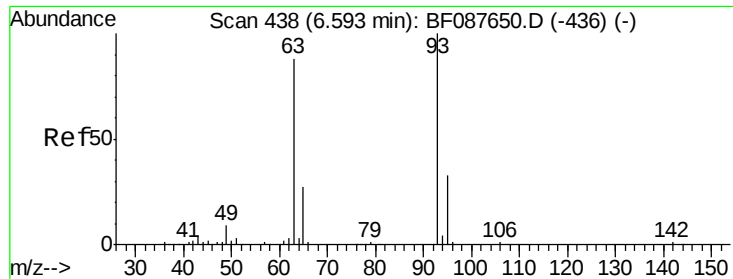


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.78 ng

RT: 6.59 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

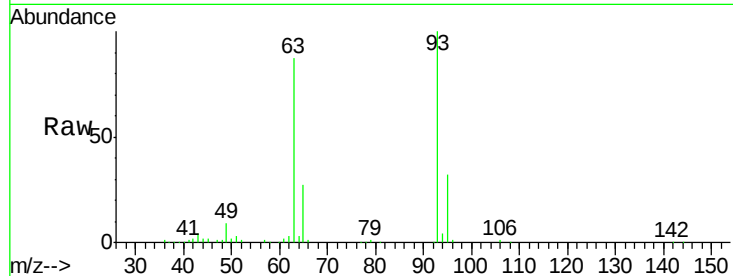
Tgt Ion: 93 Resp: 264370

Ion Ratio Lower Upper

93 100

63 87.4 67.6 107.6

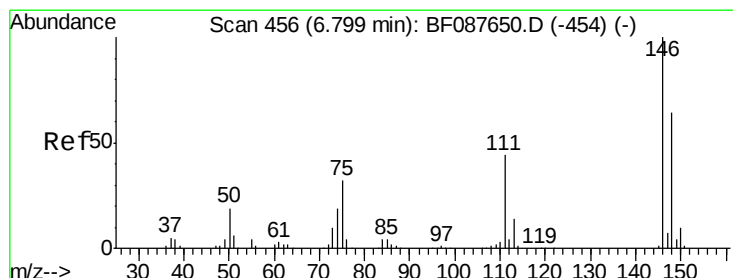
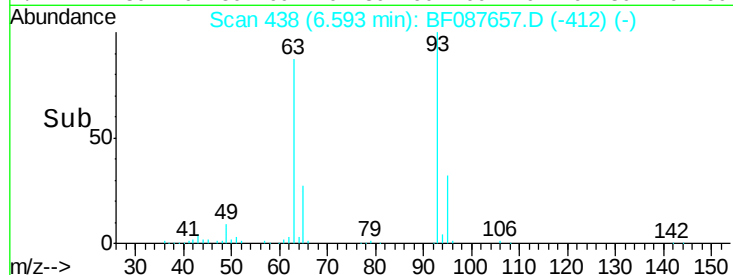
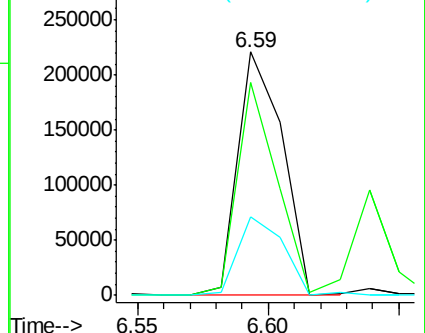
95 32.5 12.5 52.5



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.93 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

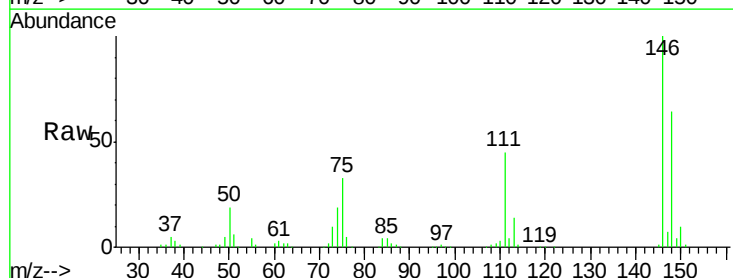
Tgt Ion: 146 Resp: 323700

Ion Ratio Lower Upper

146 100

148 64.3 50.9 76.3

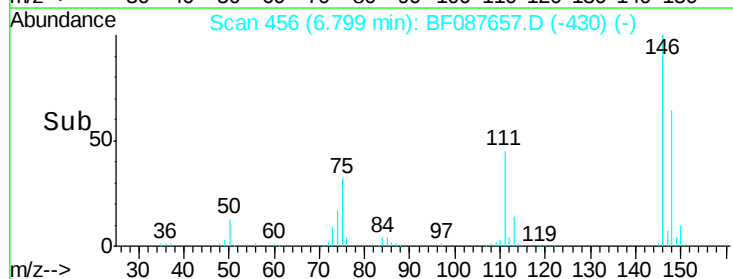
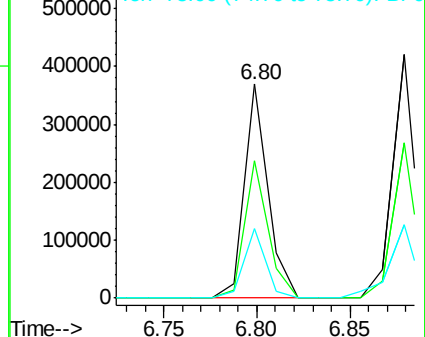
75 32.8 25.6 38.4

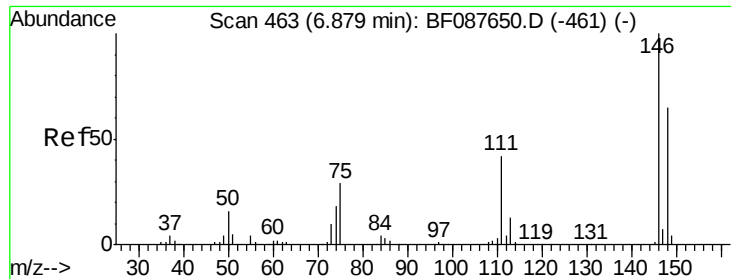


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

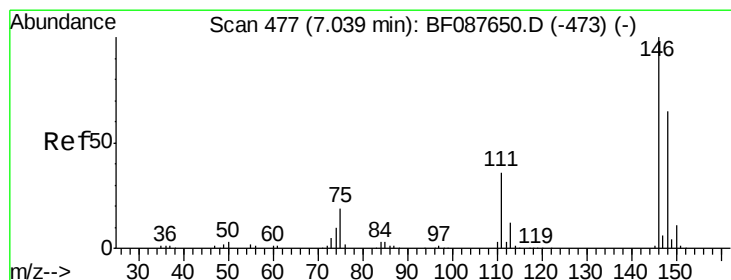
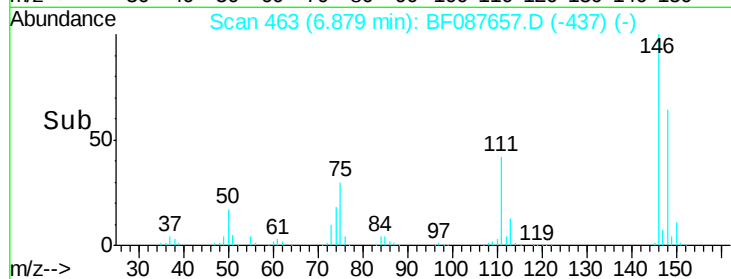
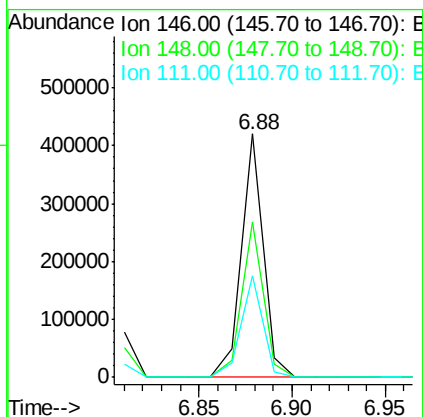
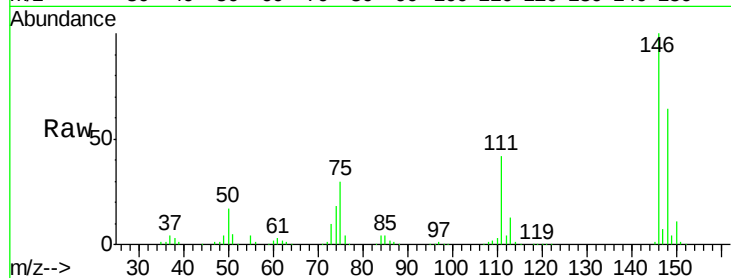




#13
 1,4-Dichlorobenzene
 Concen: 40.37 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

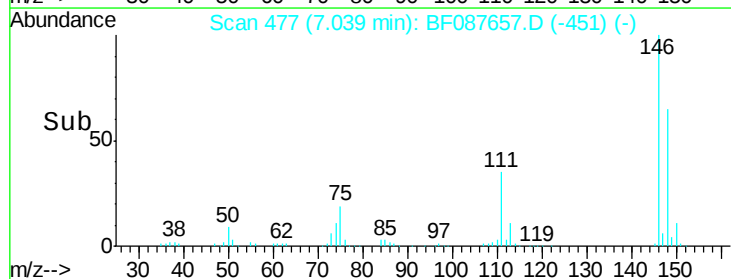
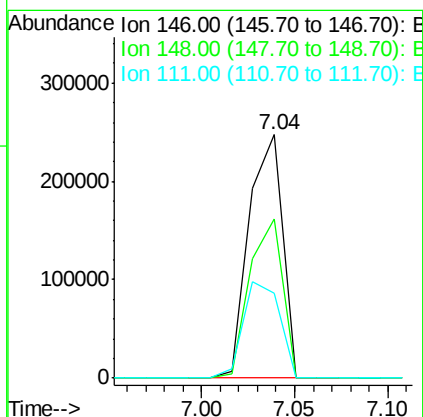
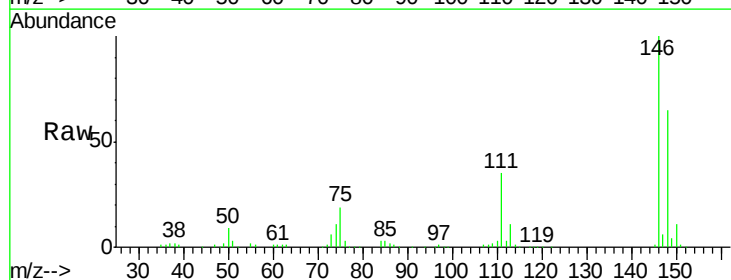
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

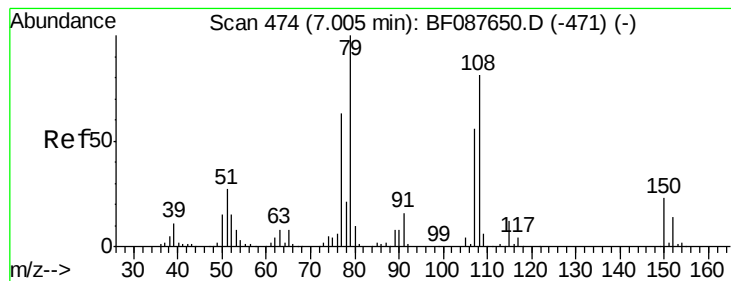
Tgt Ion:146 Resp: 345743
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.0 78.0
 111 41.8 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.33 ng
 RT: 7.04 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:146 Resp: 307759
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 34.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 42.57 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

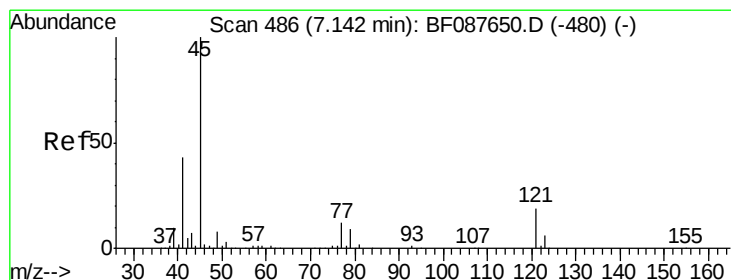
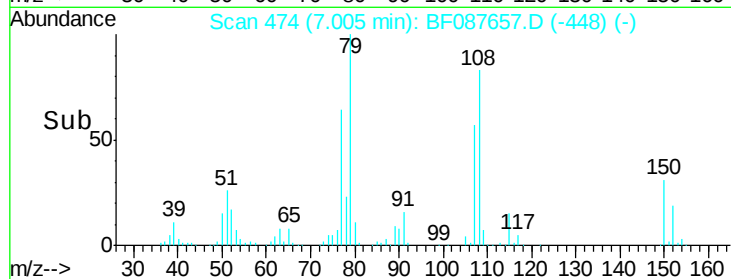
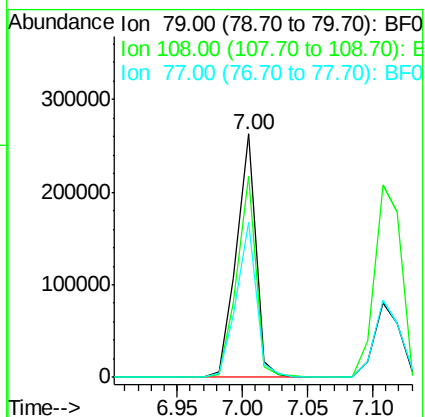
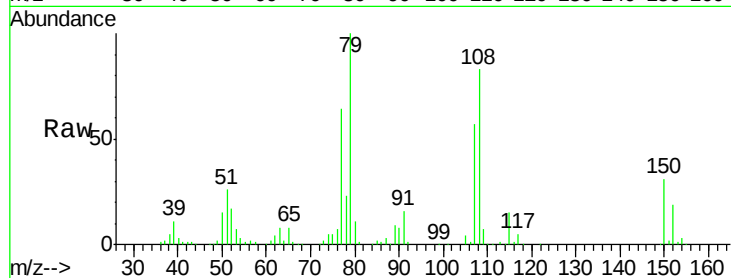
Tgt Ion: 79 Resp: 273240

Ion Ratio Lower Upper

79 100

108 82.7 65.0 97.6

77 63.7 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.19 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

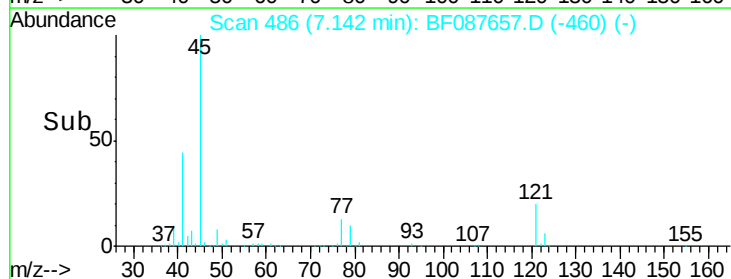
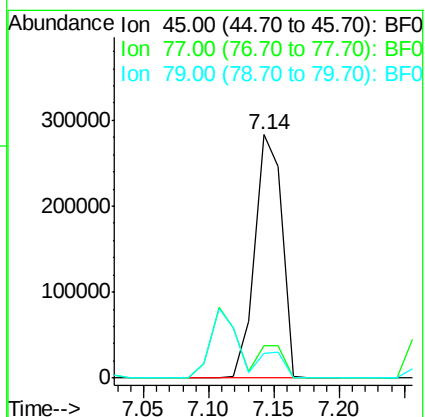
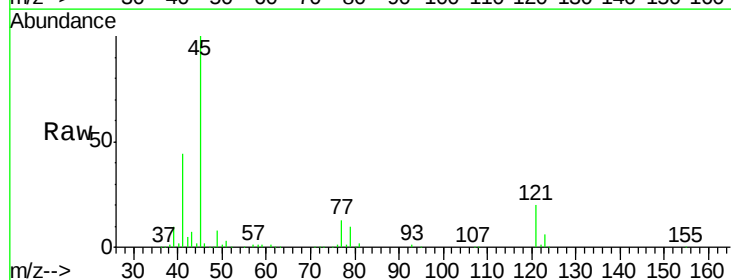
Tgt Ion: 45 Resp: 410767

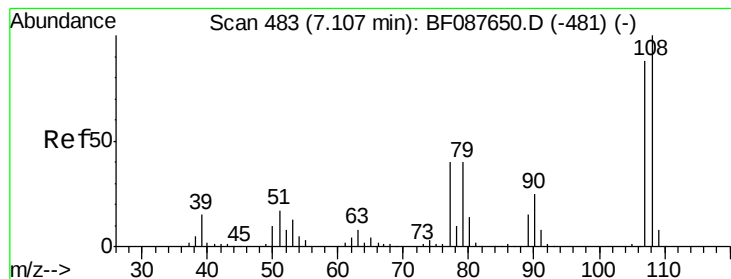
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.5

79 10.2 0.0 29.5





#17

2-Methylphenol

Concen: 40.20 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 257333

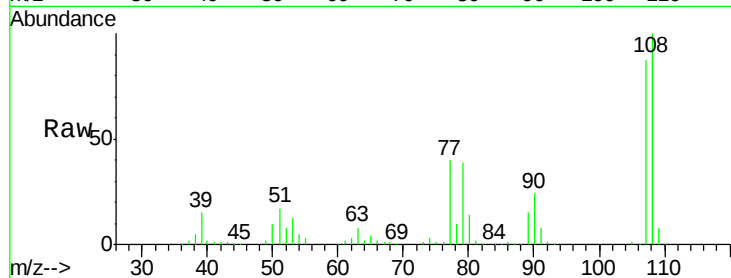
Ion Ratio Lower Upper

107 100

108 115.2 90.9 136.3

77 46.0 36.6 55.0

79 44.9 36.5 54.7

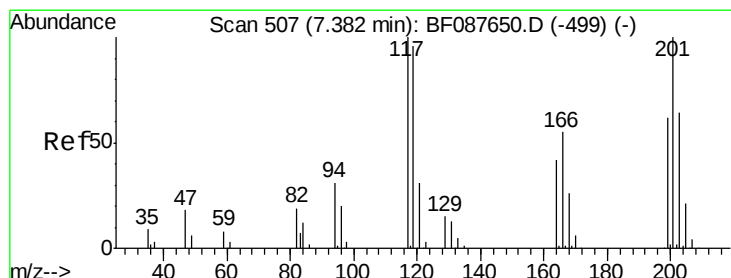
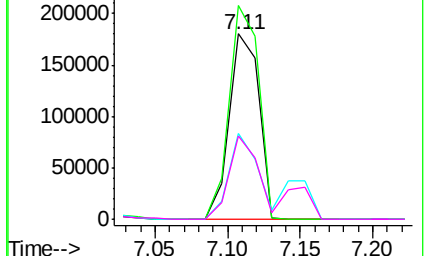
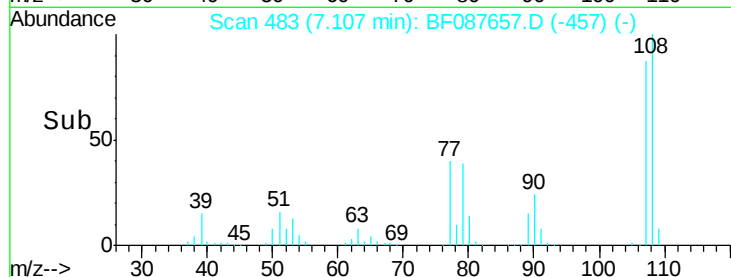


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.68 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

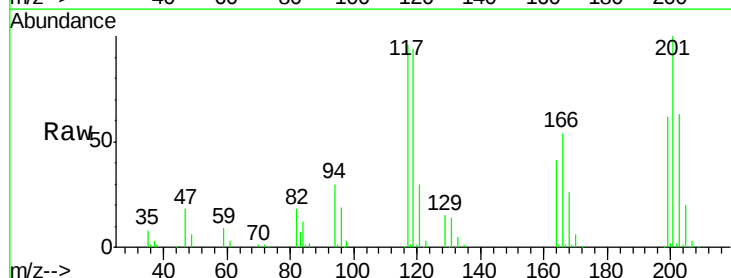
Tgt Ion:117 Resp: 124839

Ion Ratio Lower Upper

117 100

119 97.6 77.4 116.2

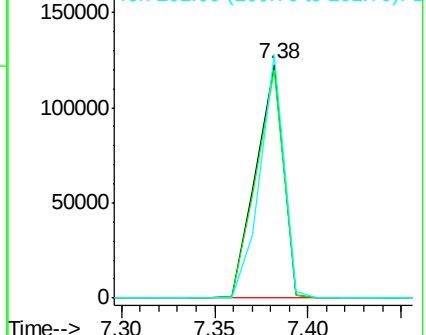
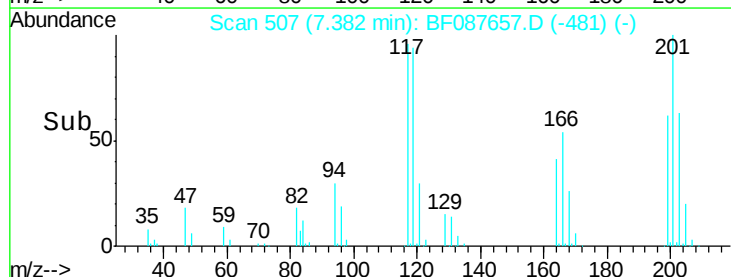
201 104.3 80.4 120.6

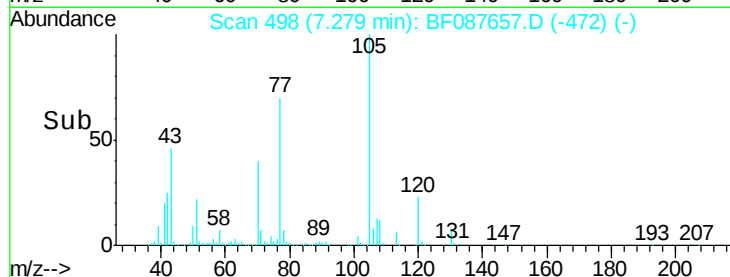
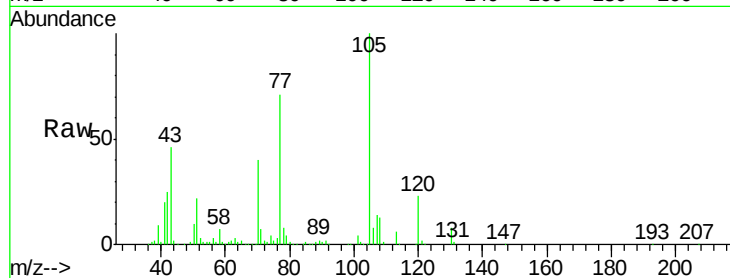
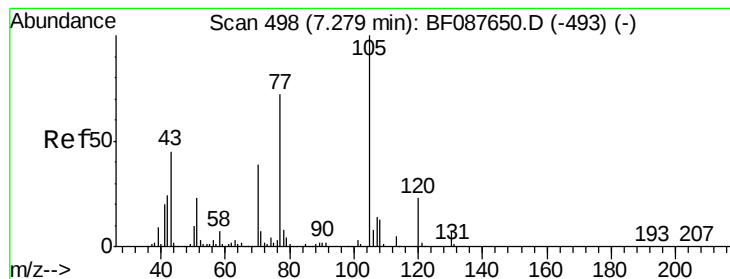


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.12 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 201418

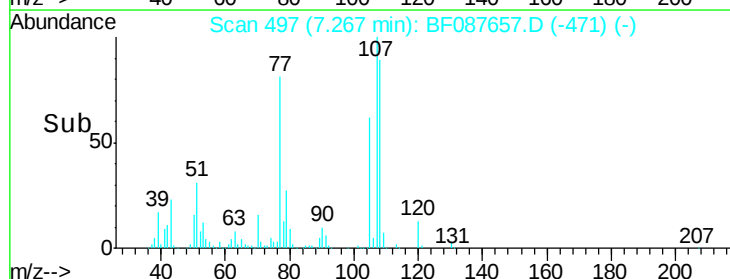
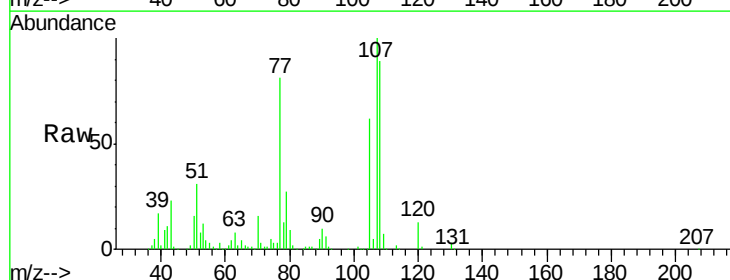
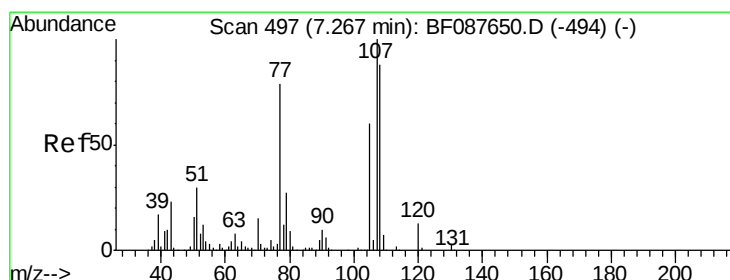
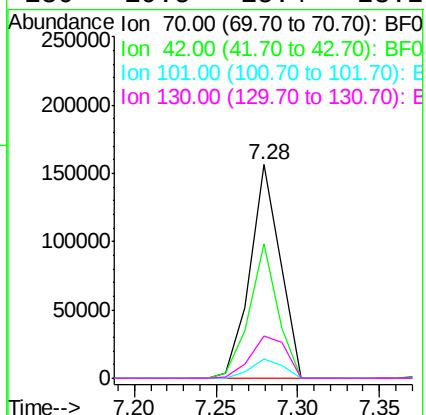
Ion Ratio Lower Upper

70 100

42 62.8 49.6 74.4

101 9.2 7.1 10.7

130 19.5 15.4 23.2



#20

3+4-Methylphenols

Concen: 37.65 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Tgt Ion: 107 Resp: 295269

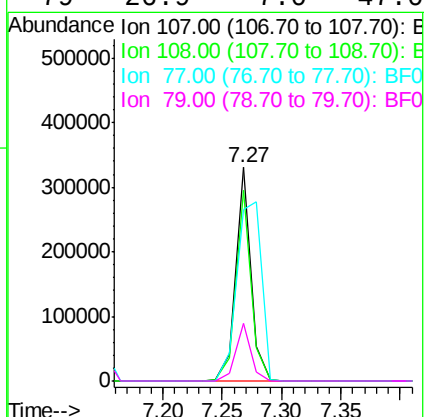
Ion Ratio Lower Upper

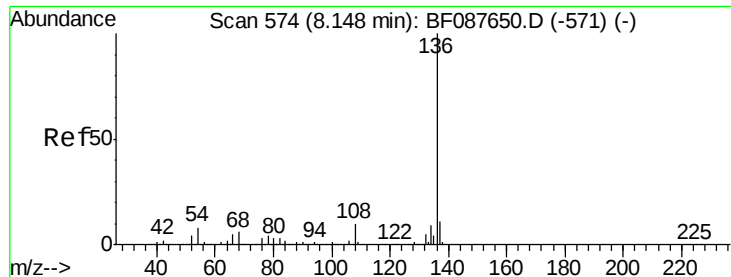
107 100

108 89.1 67.8 107.8

77 80.5 59.3 99.3

79 26.9 7.0 47.0

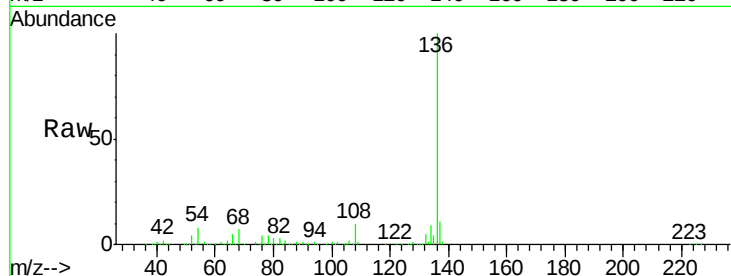




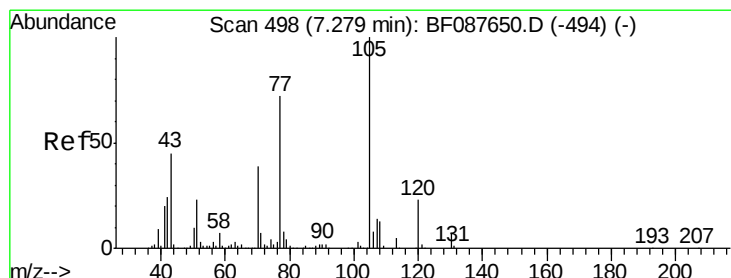
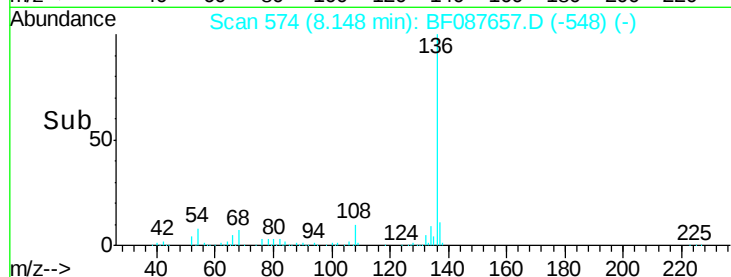
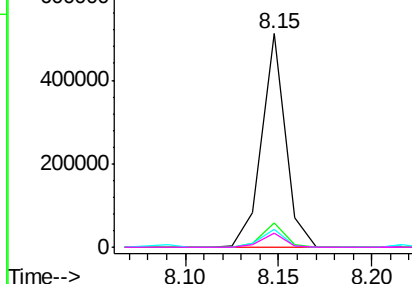
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	458505
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.3	6.6	10.0
68	6.5	5.1	7.7

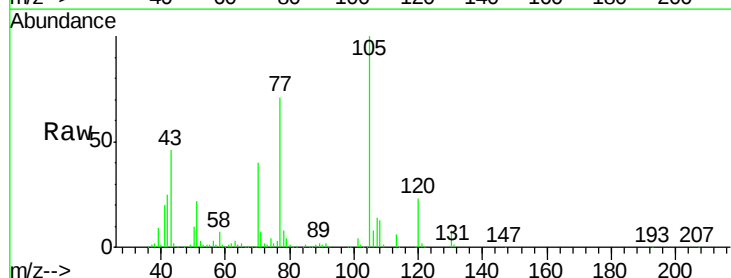


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

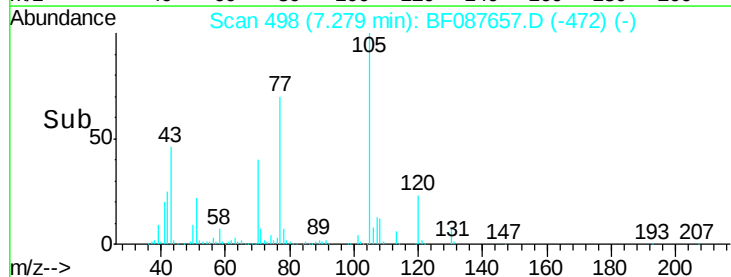
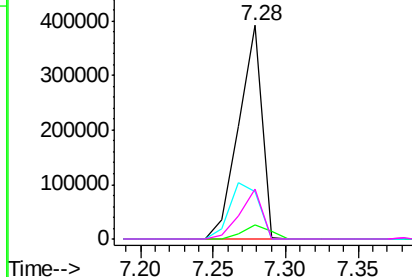


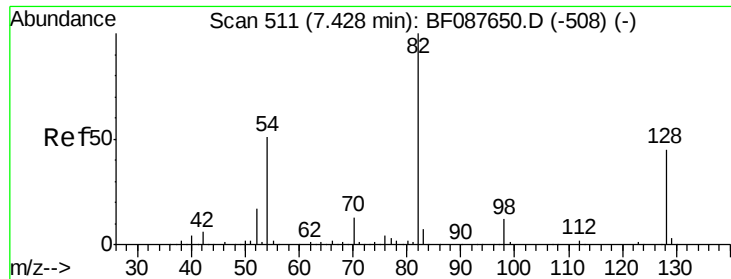
#22
Acetophenone
Concen: 42.11 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:	105	Resp:	437270
Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.3	7.9
51	22.3	18.2	27.4
120	23.2	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

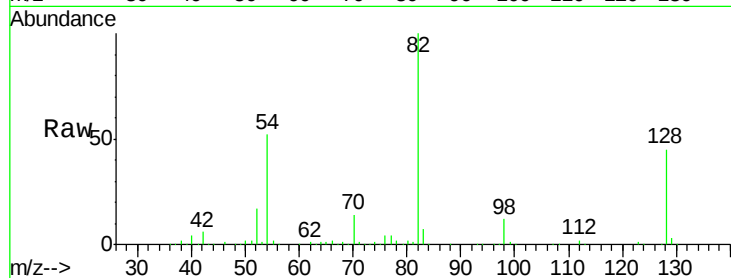




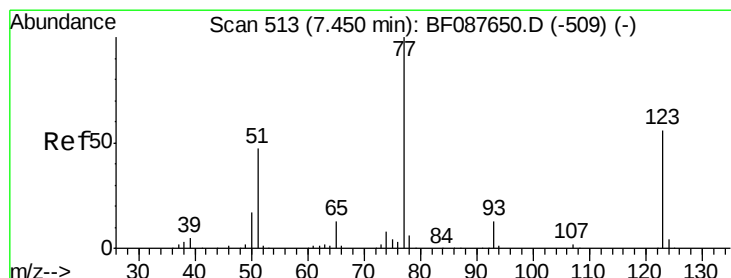
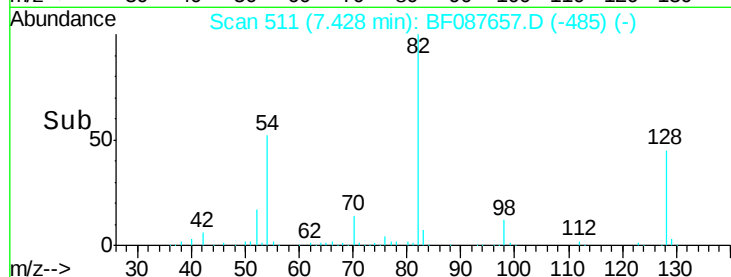
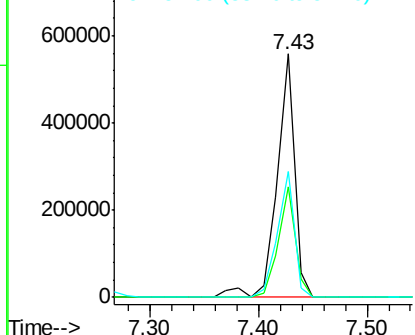
#23
 Nitrobenzene-d5
 Concen: 79.10 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 626833
 Ion Ratio Lower Upper
 82 100
 128 45.5 35.9 53.9
 54 51.7 40.9 61.3

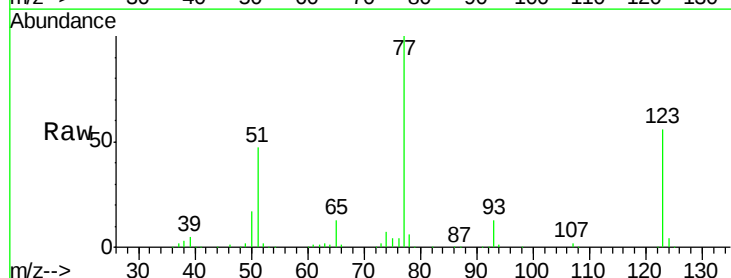


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

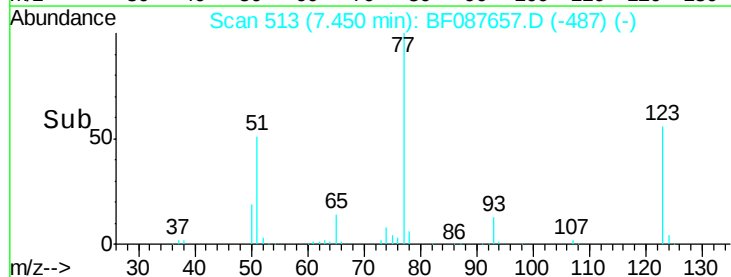
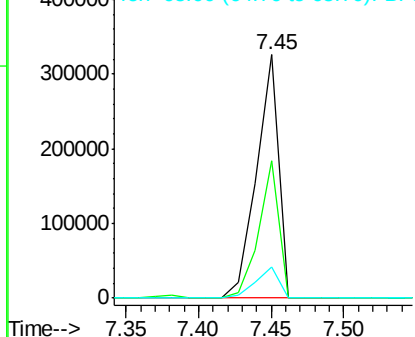


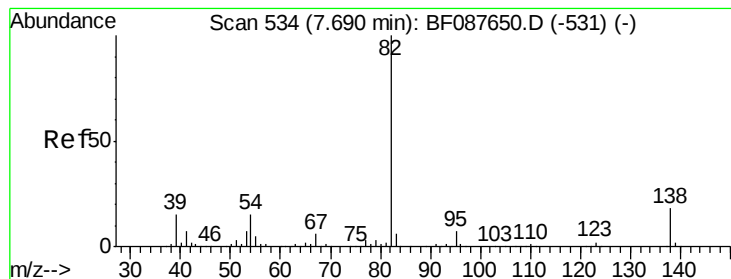
#24
 Nitrobenzene
 Concen: 43.46 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion: 77 Resp: 344664
 Ion Ratio Lower Upper
 77 100
 123 56.2 45.0 67.4
 65 12.7 10.2 15.2



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: 40.56 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

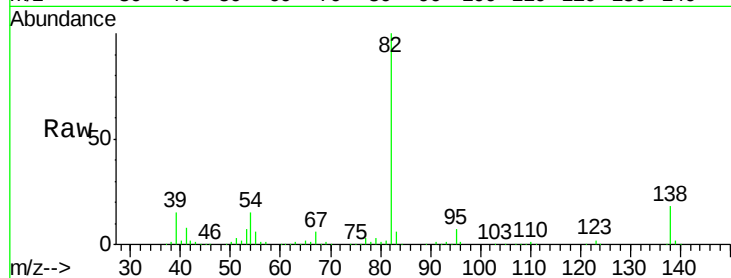
Tgt Ion: 82 Resp: 585120

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

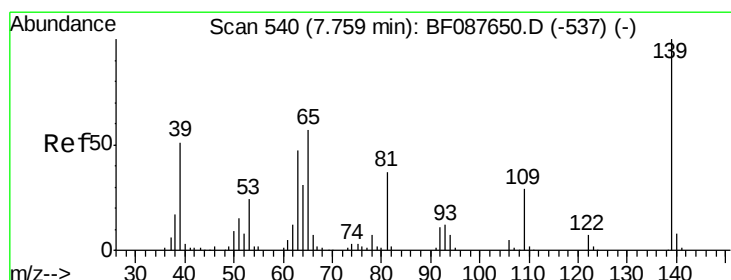
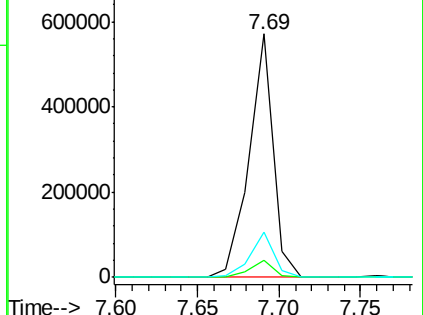
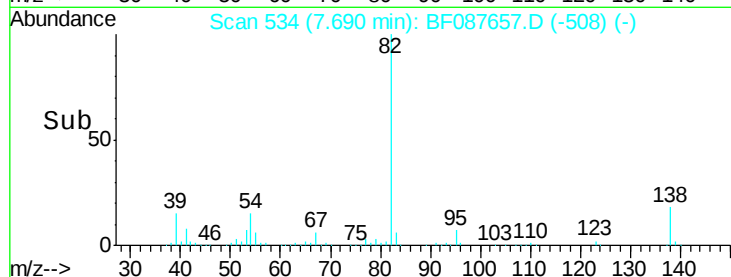
138 18.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.23 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

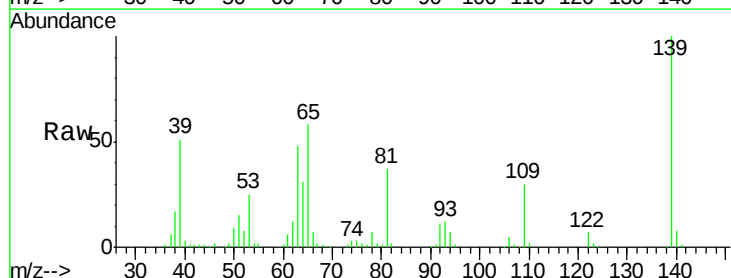
Tgt Ion: 139 Resp: 144562

Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

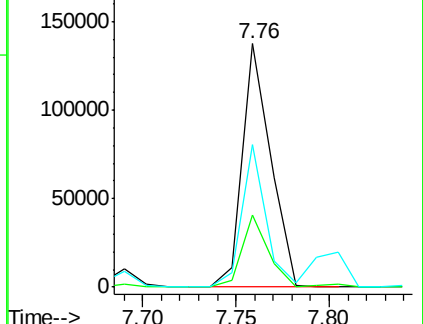
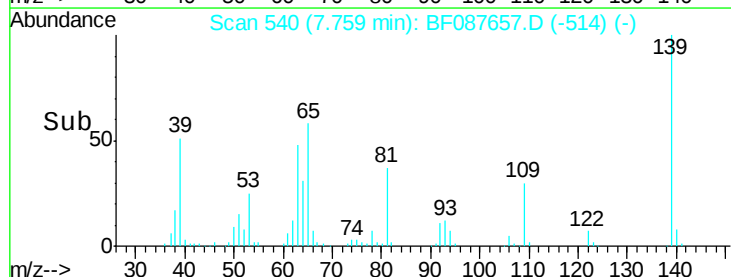
65 58.4 45.8 68.8

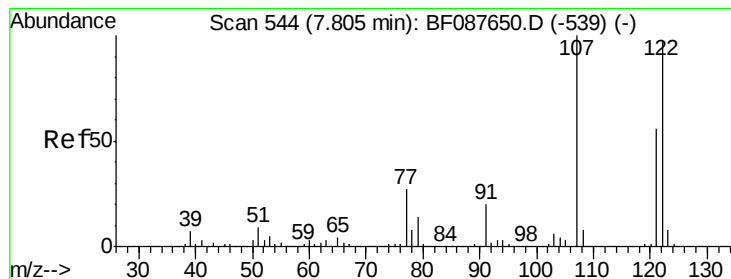


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.41 ng

RT: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

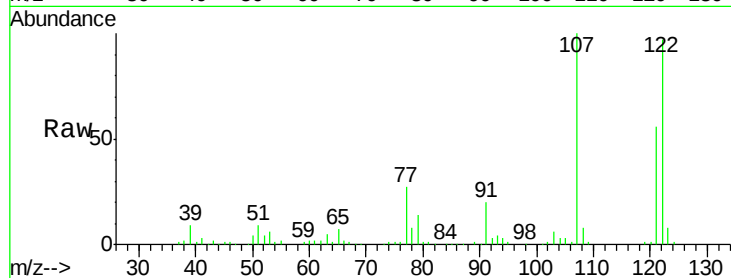
Tgt Ion:122 Resp: 316286

Ion Ratio Lower Upper

122 100

107 103.2 82.4 123.6

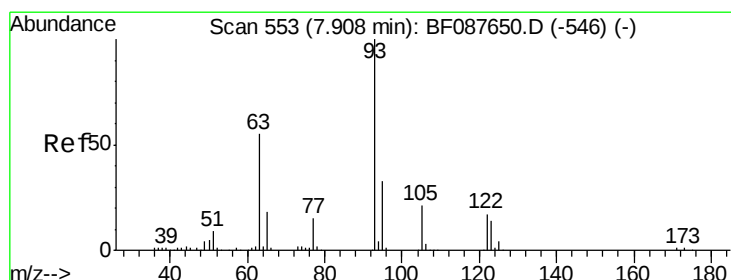
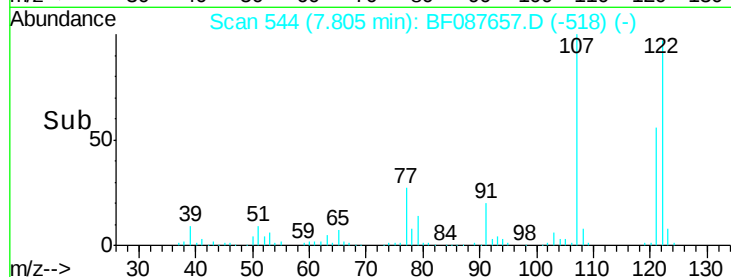
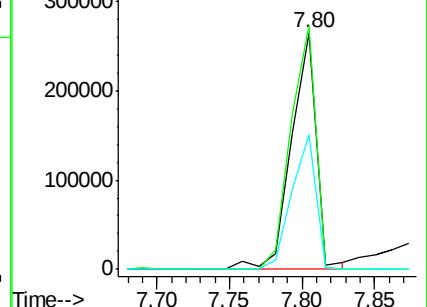
121 57.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.53 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

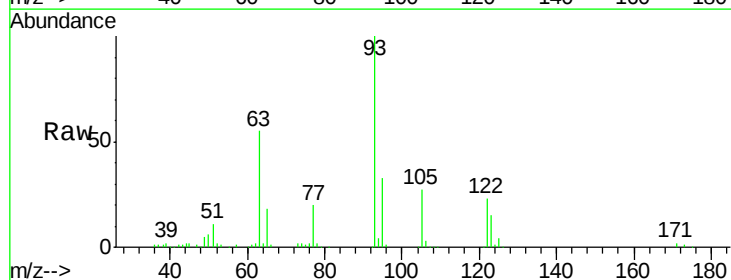
Tgt Ion: 93 Resp: 343446

Ion Ratio Lower Upper

93 100

95 33.3 26.5 39.7

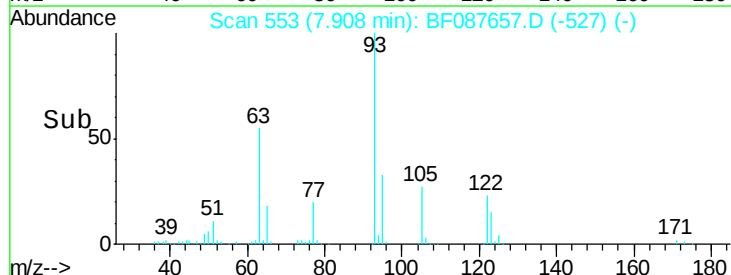
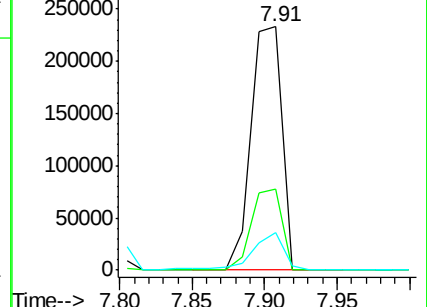
123 15.3 11.6 17.4

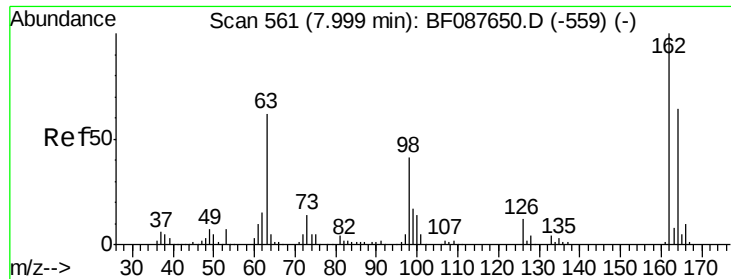


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

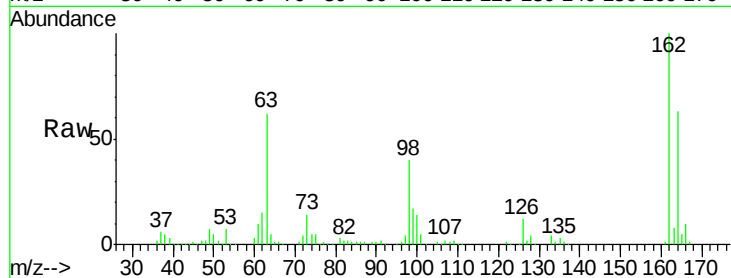




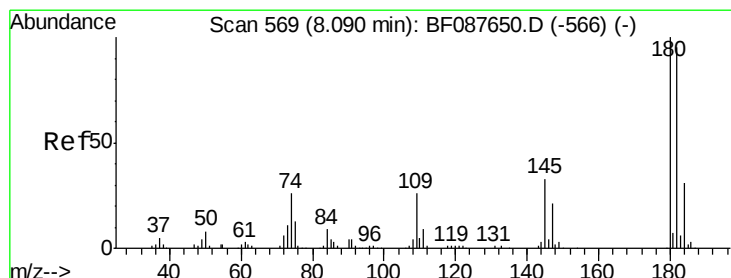
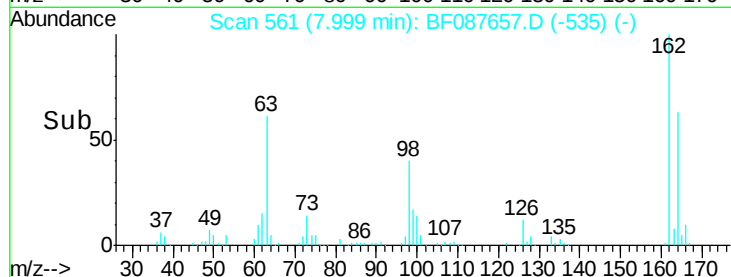
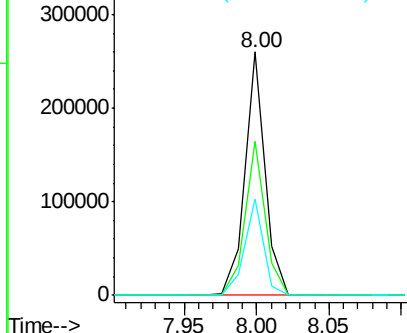
#29
 2,4-Dichlorophenol
 Concen: 39.87 ng
 RT: 8.00 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 250102
 Ion Ratio Lower Upper
 162 100
 164 63.4 43.8 83.8
 98 39.7 21.3 61.3

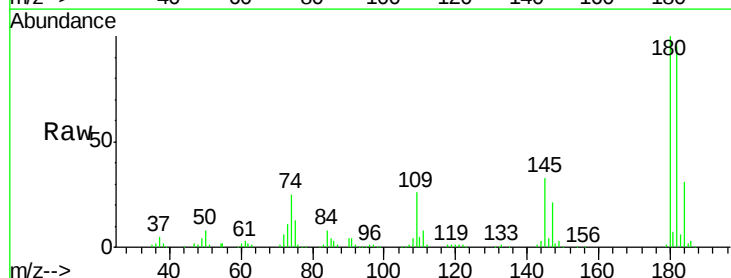


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

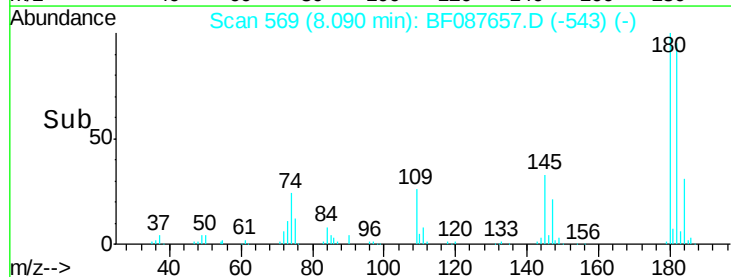
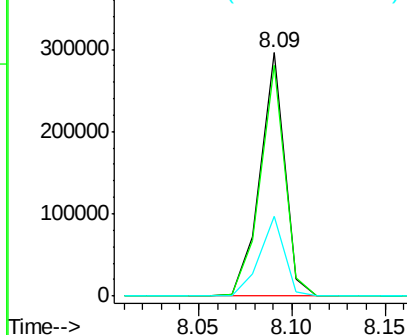


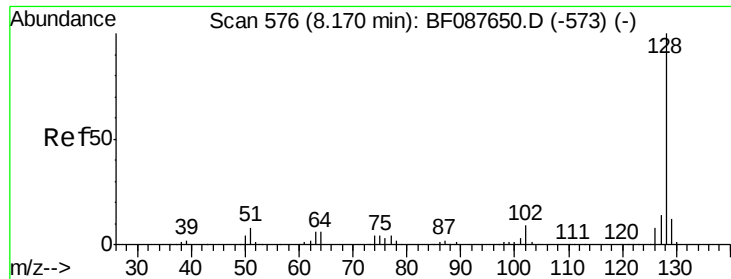
#30
 1,2,4-Trichlorobenzene
 Concen: 40.97 ng
 RT: 8.09 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:180 Resp: 269143
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.0 114.0
 145 32.5 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

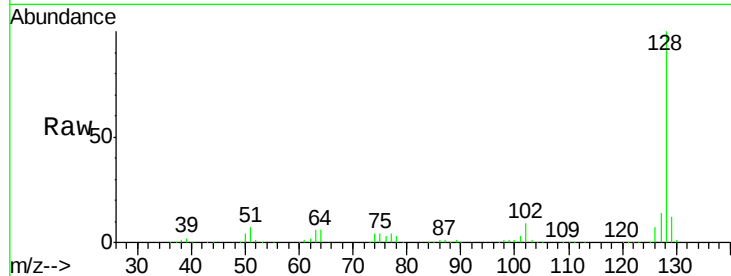




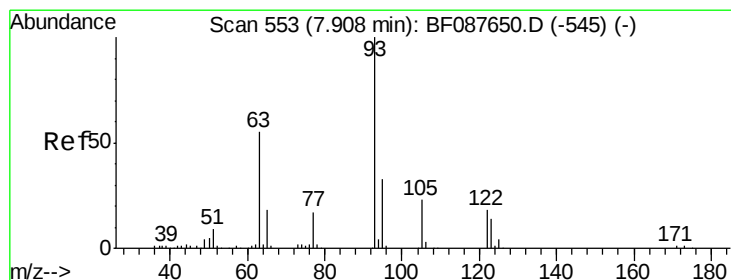
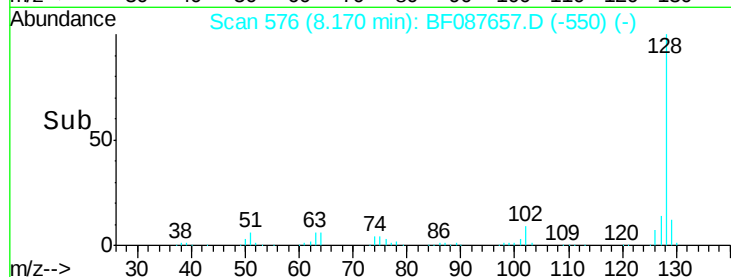
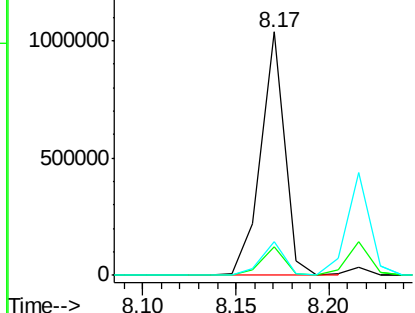
#31
Naphthalene
Concen: 41.00 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 914079
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.6 10.9 16.3

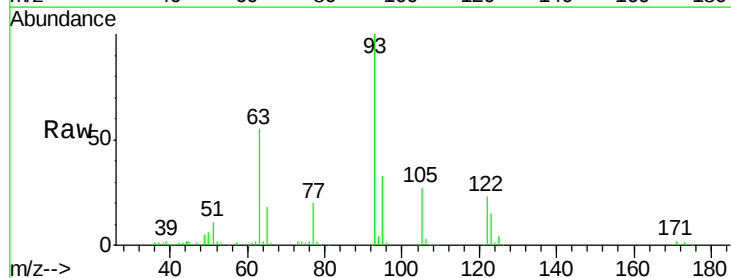


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

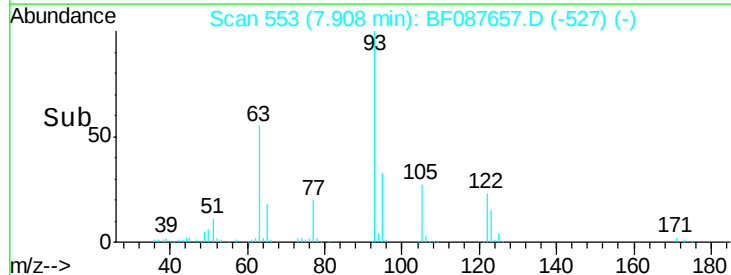
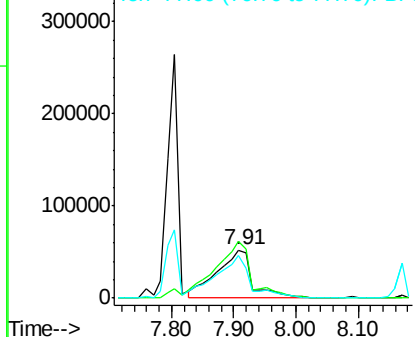


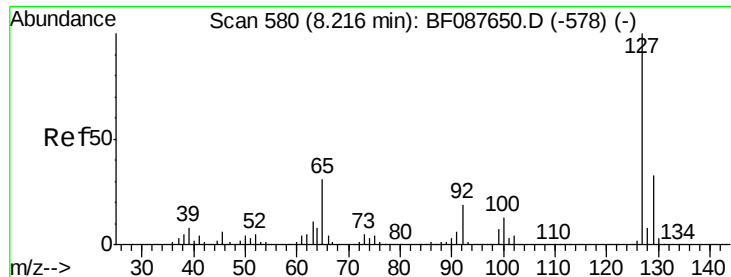
#32
Benzoic acid
Concen: 44.51 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:122 Resp: 205091
Ion Ratio Lower Upper
122 100
105 117.9 101.6 141.6
77 88.9 70.6 110.6



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

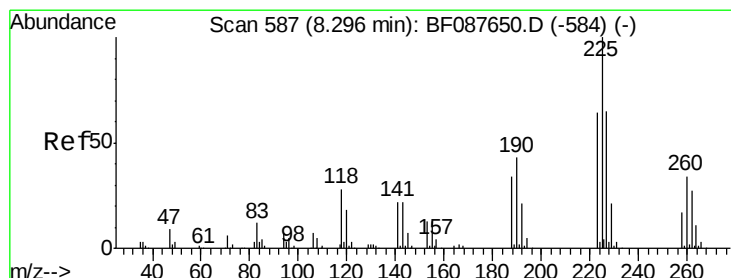
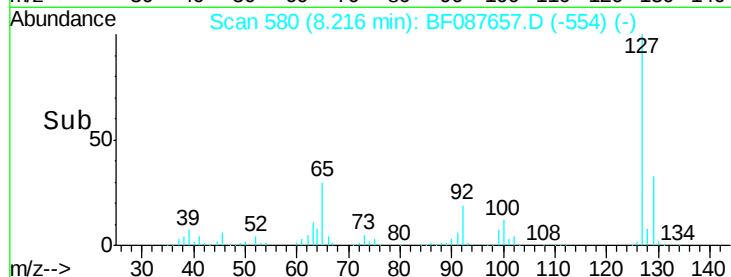
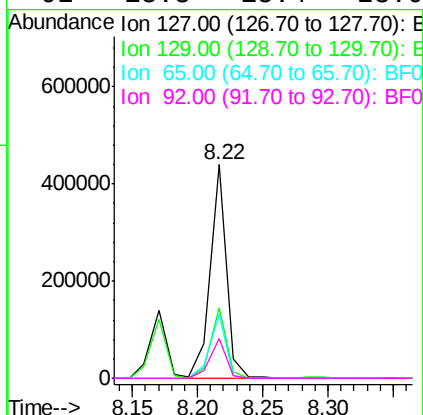
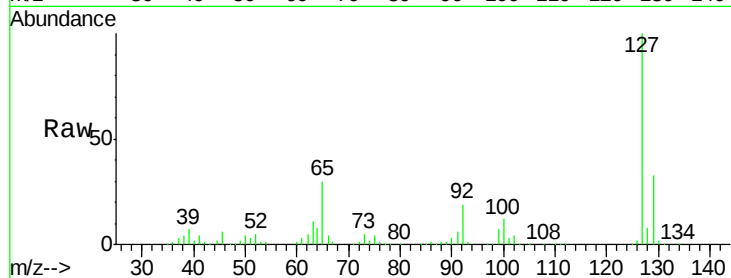




#33
4-Chloroaniline
Concen: 39.39 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

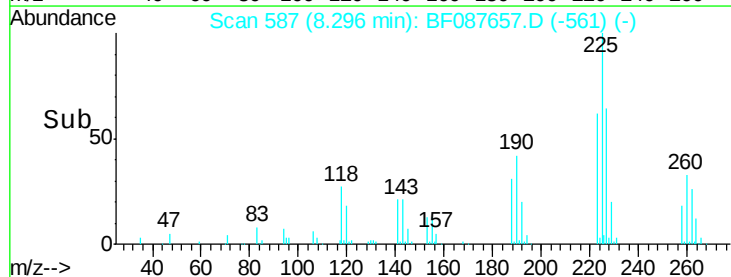
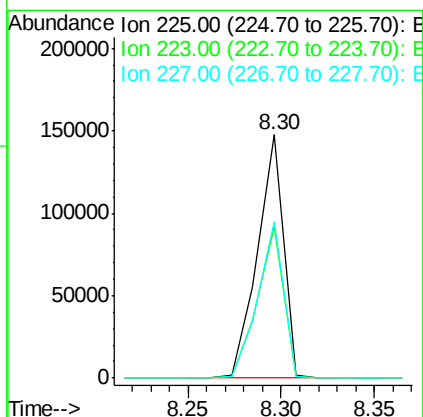
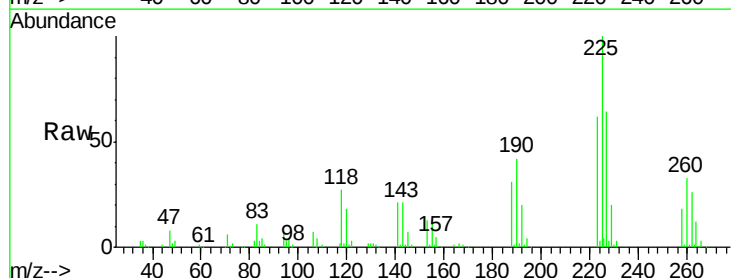
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

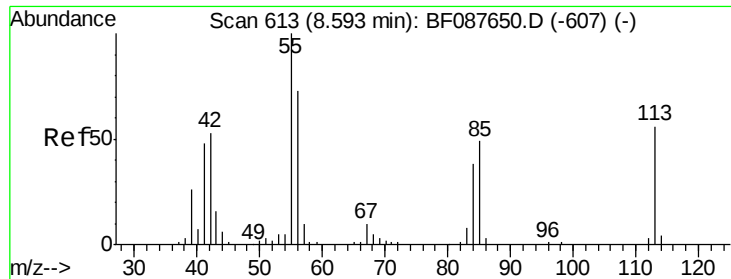
Tgt Ion:	127	Resp:	381469
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	30.3	24.7	37.1
92	18.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.40 ng
RT: 8.30 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:	225	Resp:	141389
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.9	76.3
227	64.3	51.9	77.9

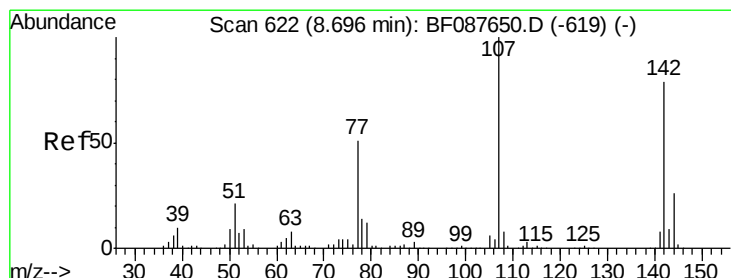
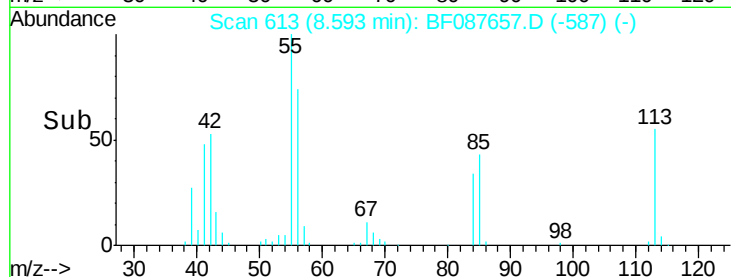
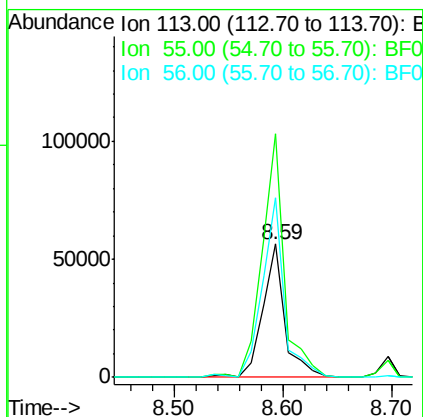
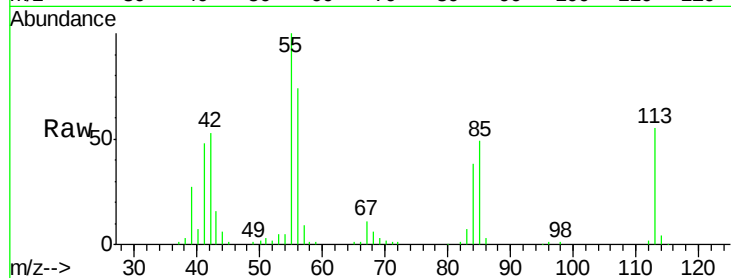




#35
 Caprolactam
 Concen: 38.72 ng
 RT: 8.59 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

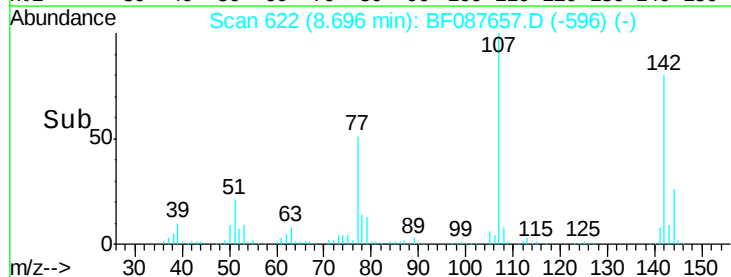
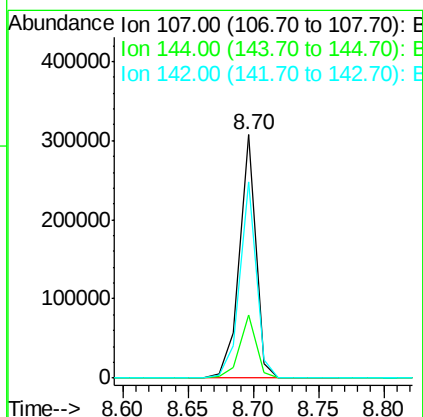
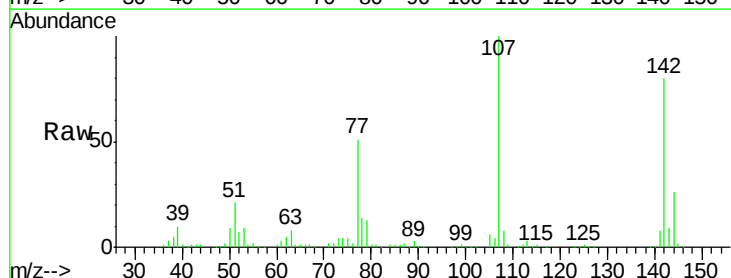
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

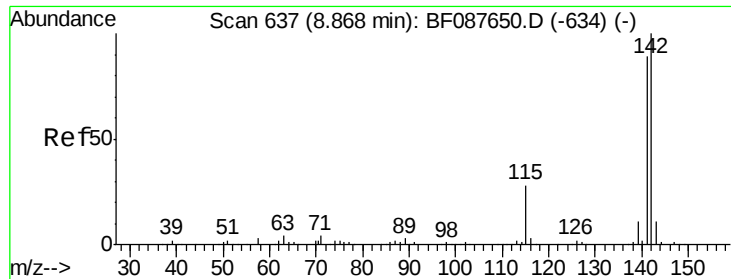
Tgt Ion:113 Resp: 79782
 Ion Ratio Lower Upper
 113 100
 55 182.7 158.6 198.6
 56 134.7 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.37 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:107 Resp: 268454
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.8 31.2
 142 80.4 63.4 95.2

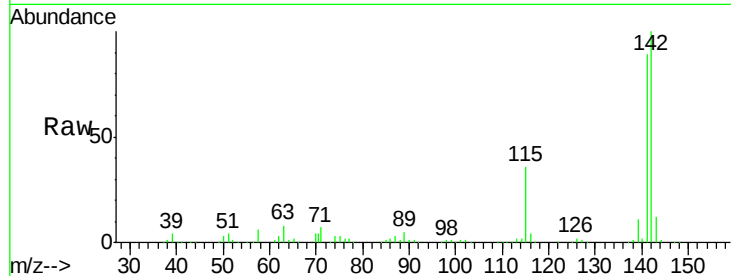




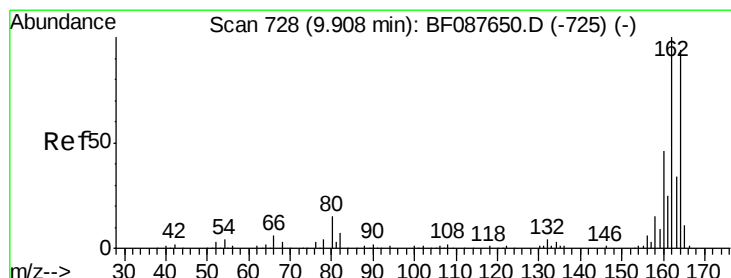
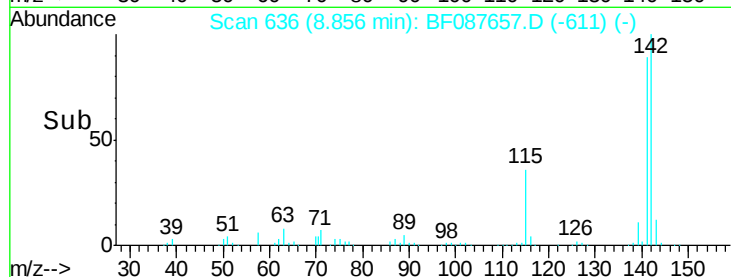
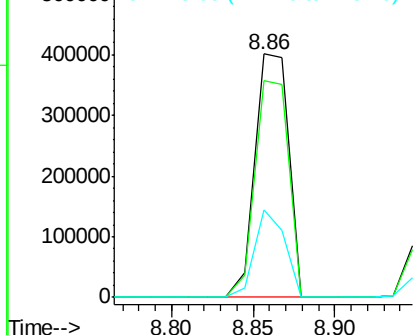
#37
 2-Methylnaphthalene
 Concen: 39.16 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 576481
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.0 106.6
 115 35.7 22.6 33.8#

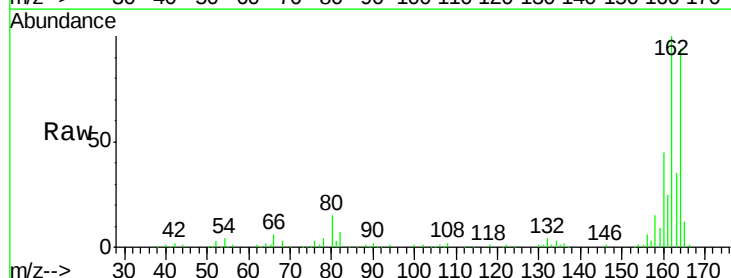


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

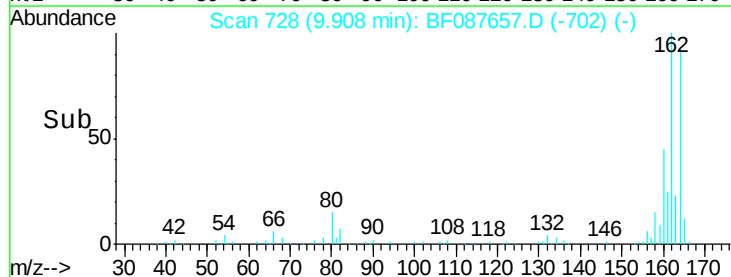
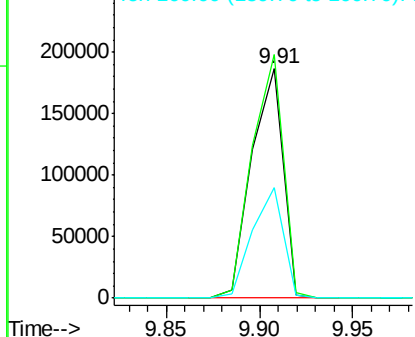


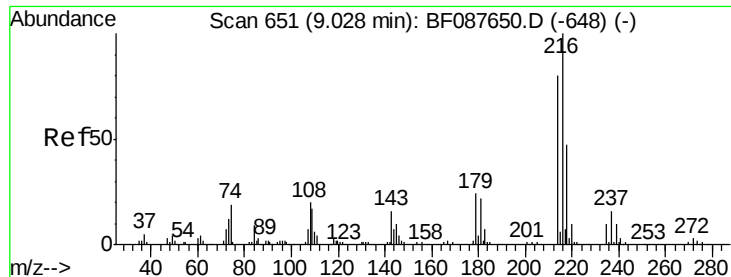
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:164 Resp: 216798
 Ion Ratio Lower Upper
 164 100
 162 106.2 85.4 128.2
 160 48.1 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.61 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 242659

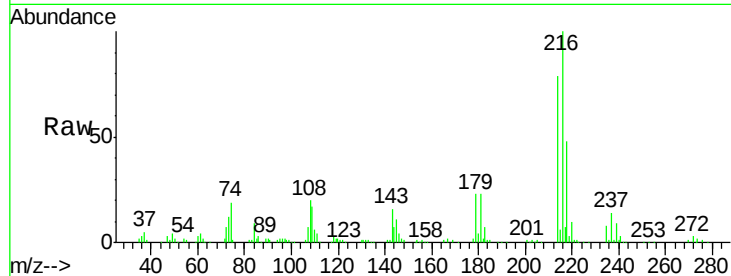
Ion Ratio Lower Upper

216 100

214 79.1 2.9 4.3#

179 23.1 0.0 0.0#

108 22.8 0.5 0.7#

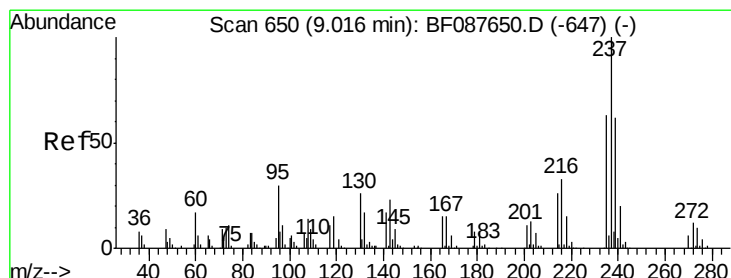
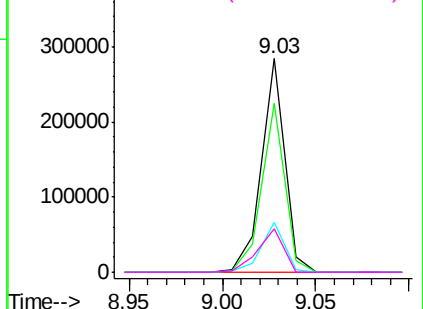
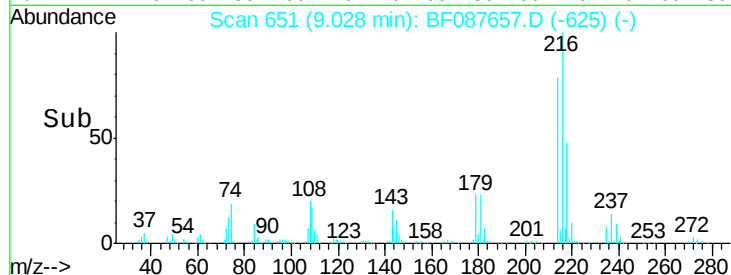


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.04 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

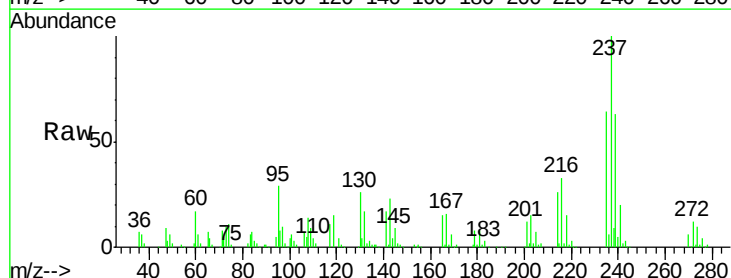
Tgt Ion:237 Resp: 137197

Ion Ratio Lower Upper

237 100

235 64.2 43.4 83.4

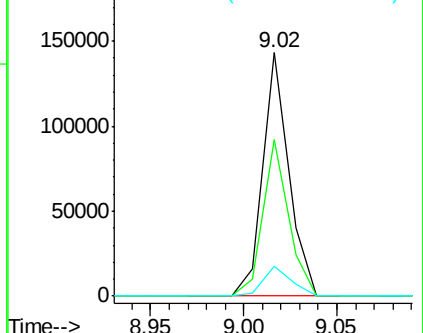
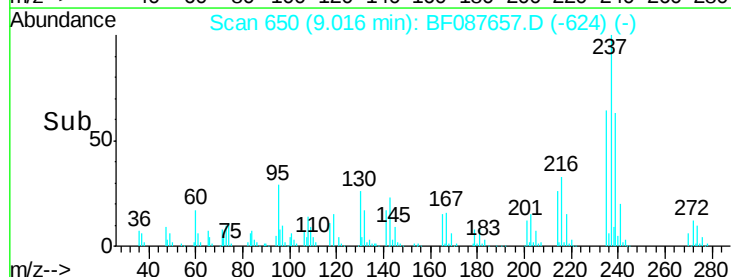
272 12.5 0.0 32.3

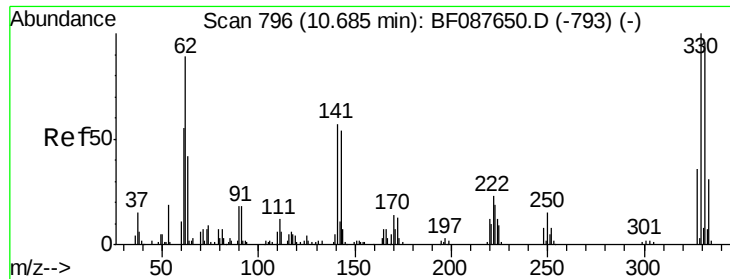


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

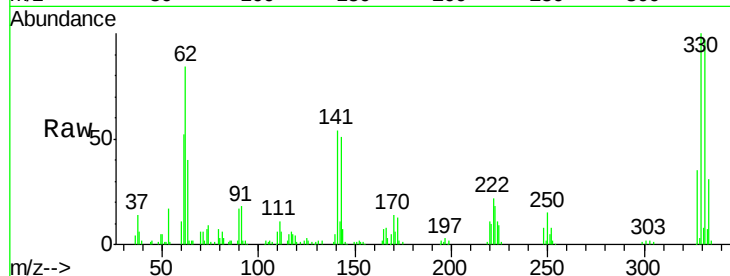




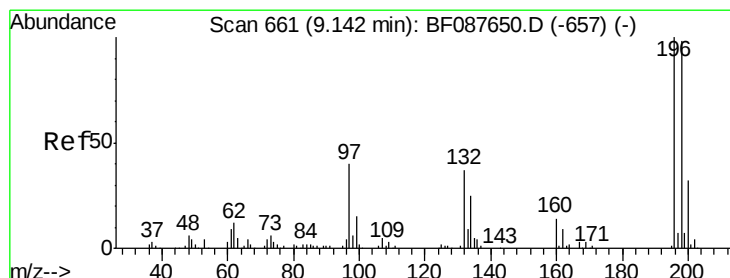
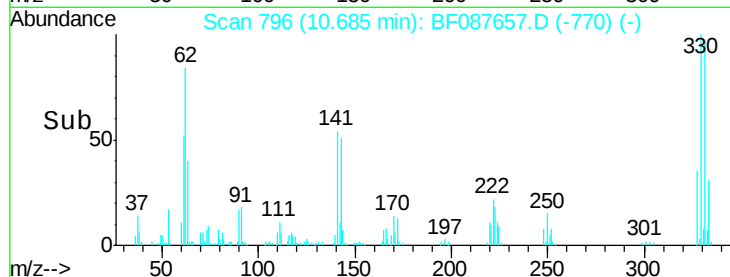
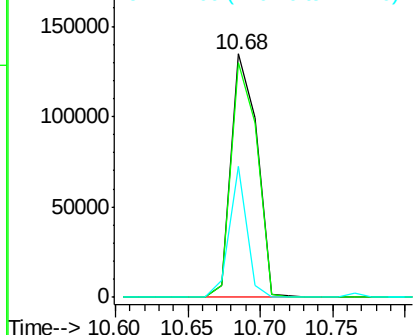
#41
 2,4,6-Tribromophenol
 Concen: 76.67 ng
 RT: 10.68 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 166846
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 36.9 0.0 0.0#

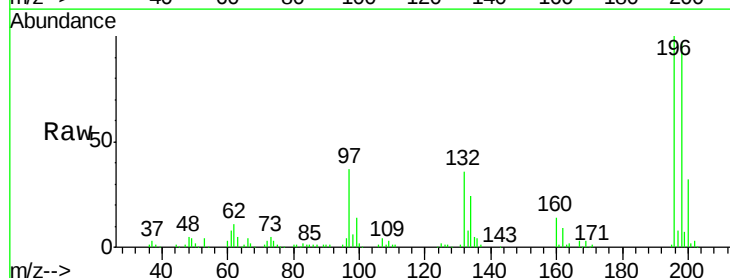


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

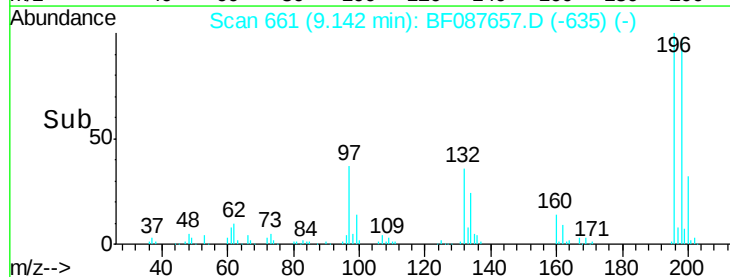
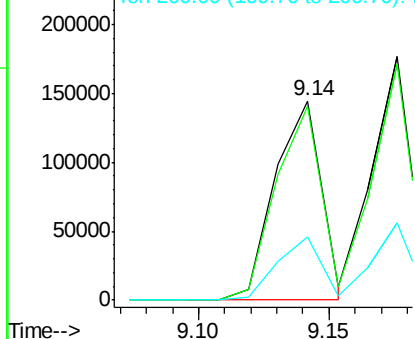


#42
 2,4,6-Trichlorophenol
 Concen: 39.62 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:196 Resp: 178774
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 31.9 25.4 38.2



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

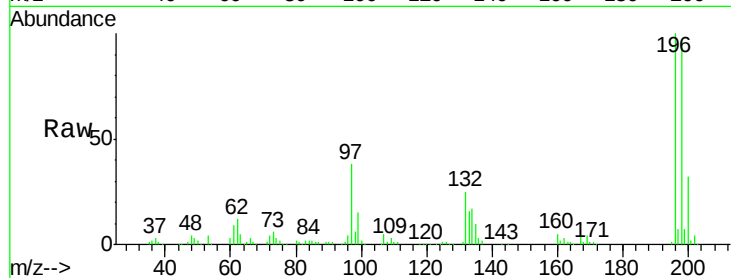




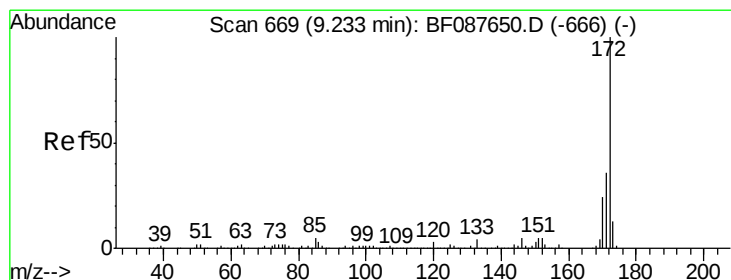
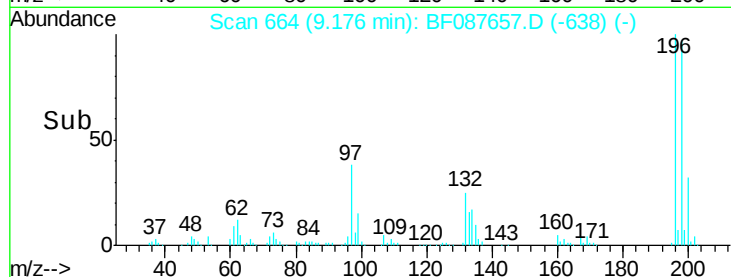
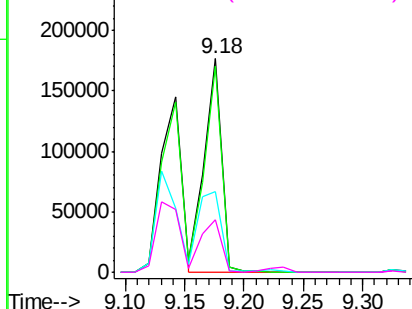
#43
 2,4,5-Trichlorophenol
 Concen: 43.29 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 181804
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 37.7 32.0 48.0
 132 24.7 20.9 31.3

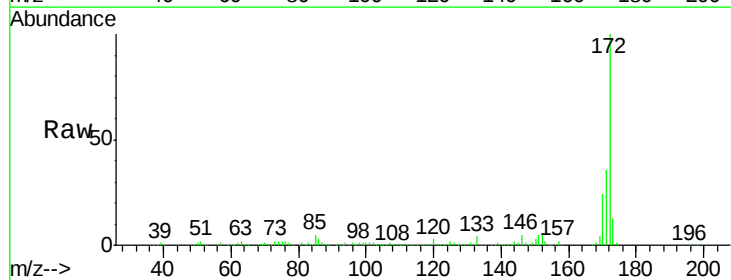


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

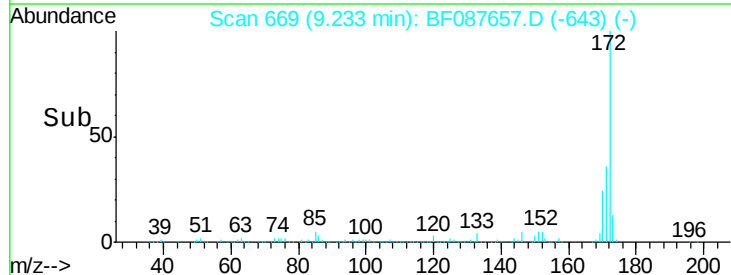
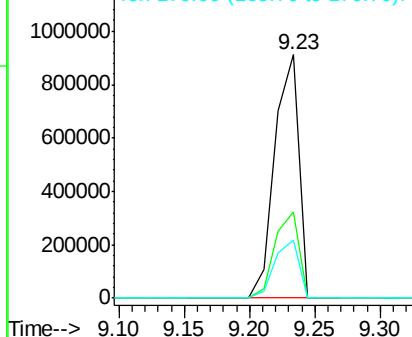


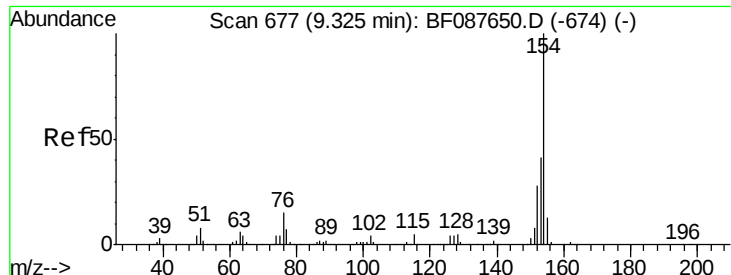
#44
 2-Fluorobiphenyl
 Concen: 83.19 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:172 Resp: 1183144
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.9 19.2 28.8



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

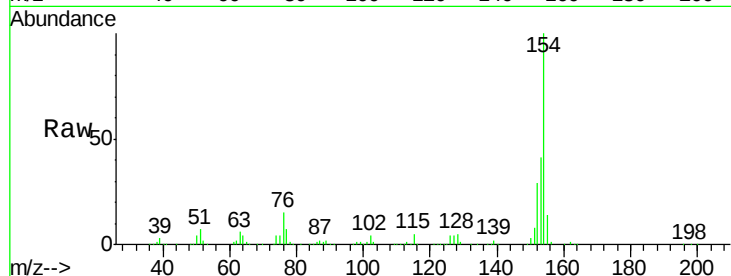




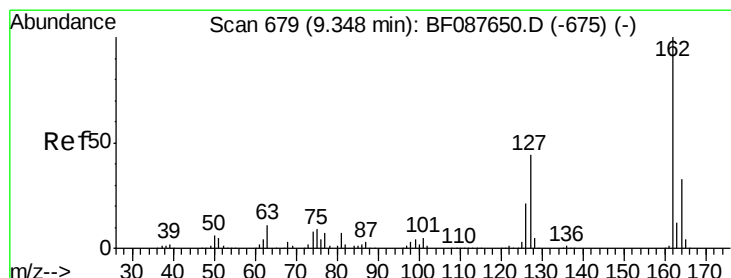
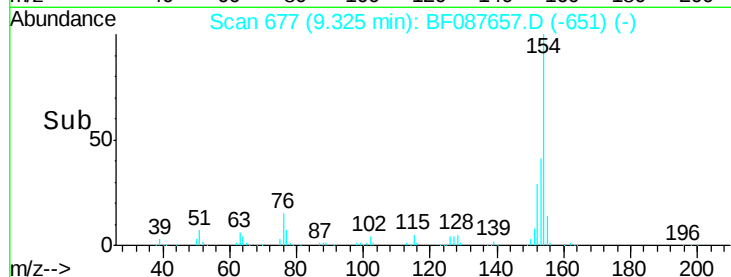
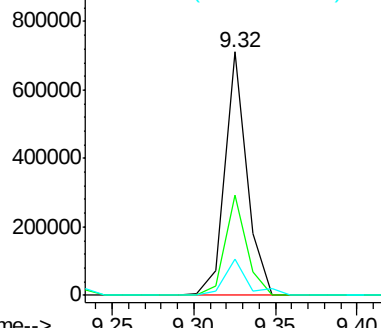
#45
1,1'-Biphenyl
Concen: 37.76 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 664359
Ion Ratio Lower Upper
154 100
153 41.1 20.6 60.6
76 14.9 0.0 35.1

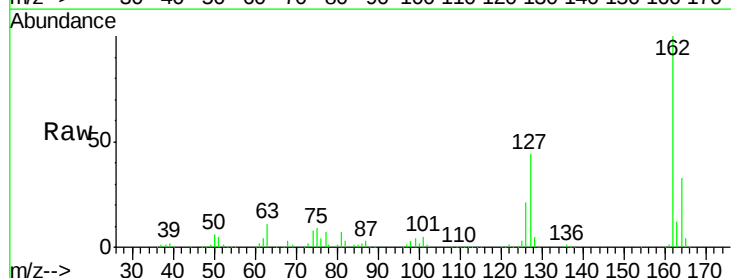


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

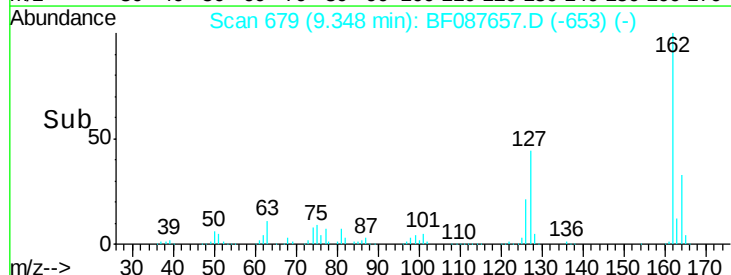
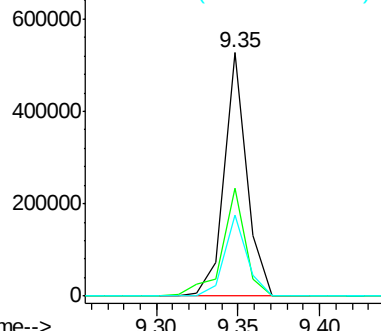


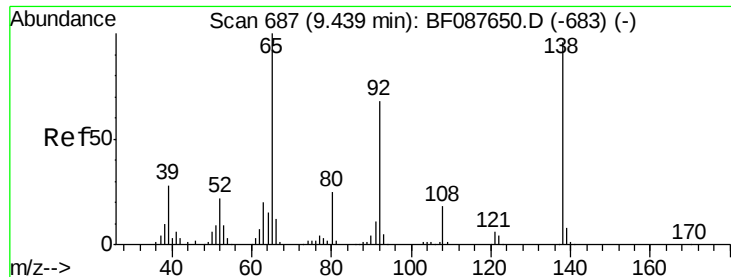
#46
2-Chloronaphthalene
Concen: 36.22 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:162 Resp: 507232
Ion Ratio Lower Upper
162 100
127 44.2 35.2 52.8
164 33.3 26.6 39.8



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: 37.15 ng

RT: 9.44 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

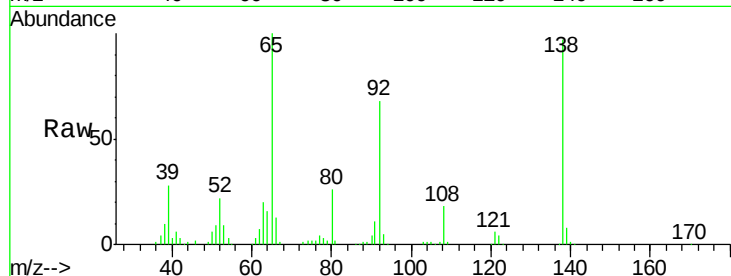
Tgt Ion: 65 Resp: 146517

Ion Ratio Lower Upper

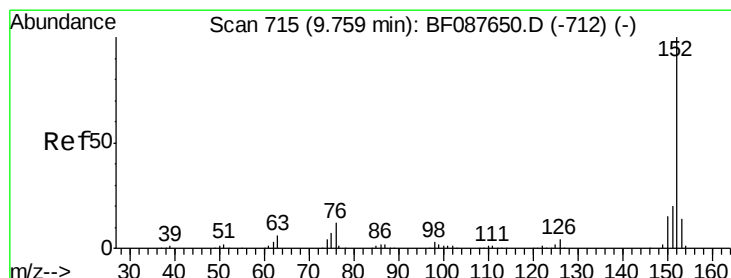
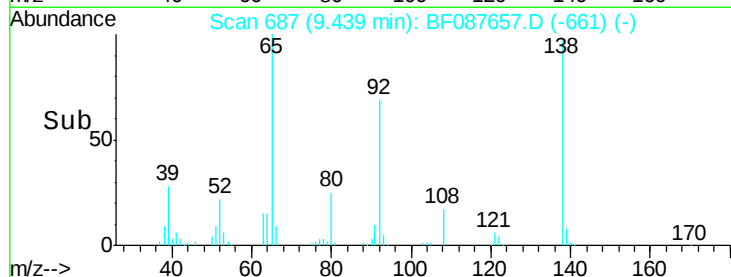
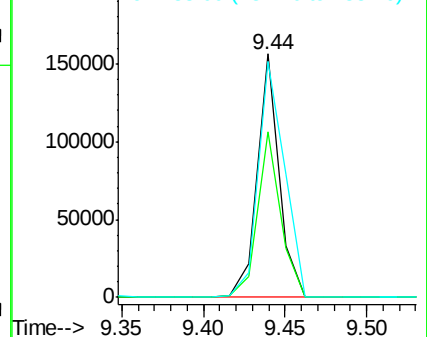
65 100

92 68.2 54.6 82.0

138 96.8 77.0 115.4



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



#48

Acenaphthylene

Concen: 40.24 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

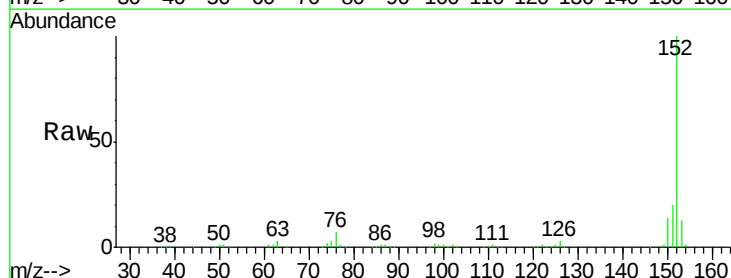
Tgt Ion: 152 Resp: 878965

Ion Ratio Lower Upper

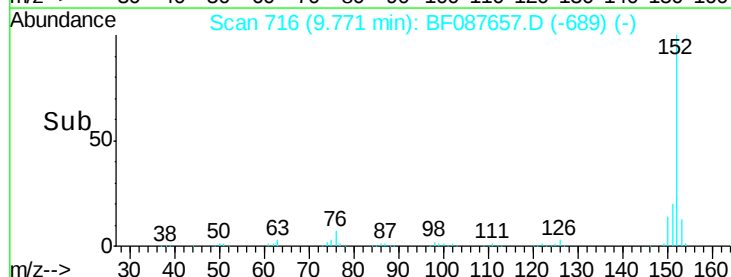
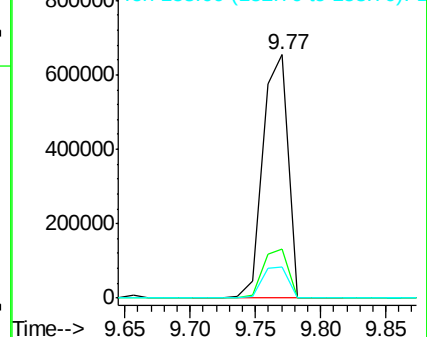
152 100

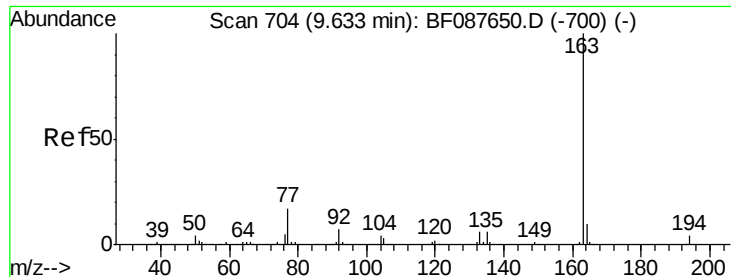
151 20.1 16.2 24.4

153 12.9 11.0 16.6



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: 42.38 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

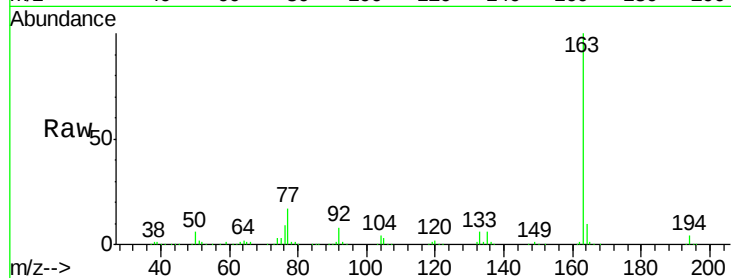
Tgt Ion:163 Resp: 667901

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

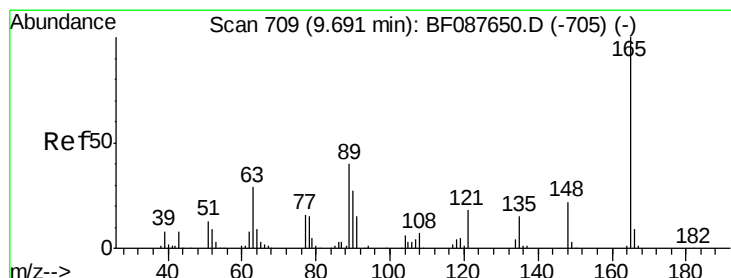
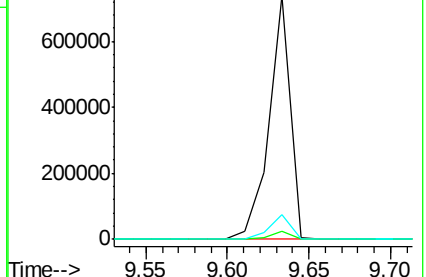
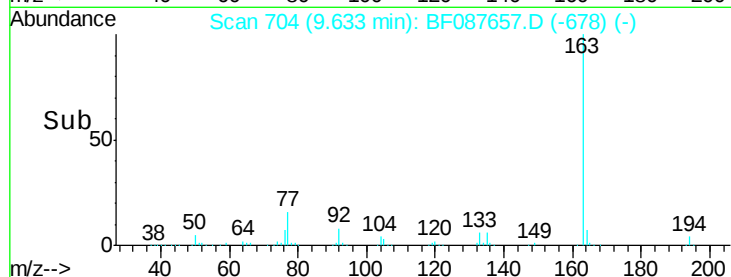
164 10.1 8.3 12.5



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: 44.19 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

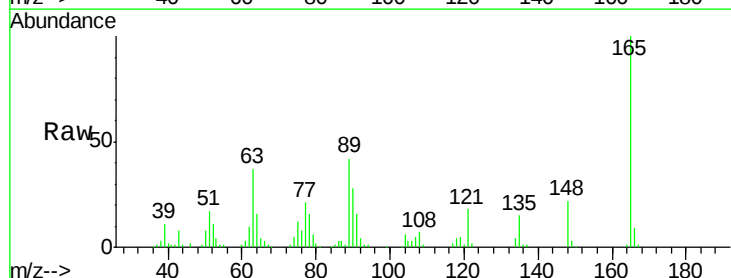
Tgt Ion:165 Resp: 158483

Ion Ratio Lower Upper

165 100

63 37.0 28.1 42.1

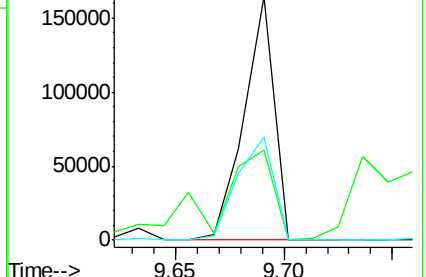
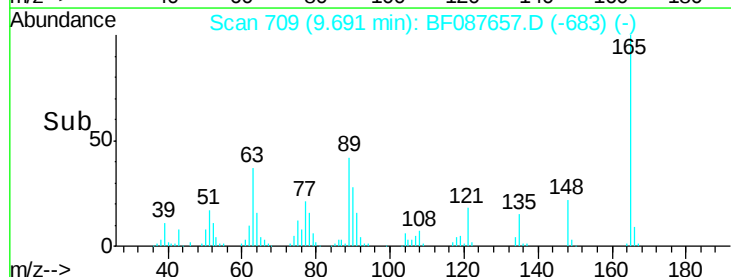
89 42.0 32.2 48.2

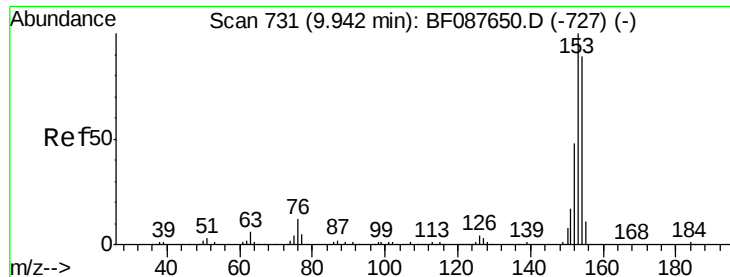


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.20 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

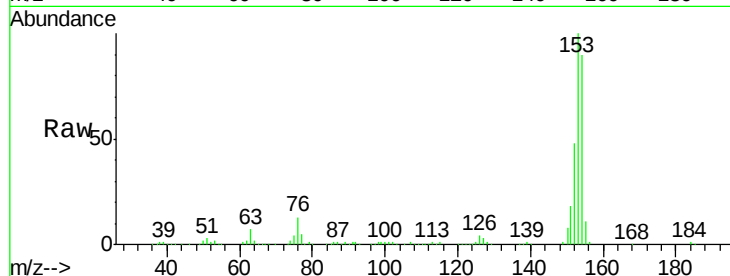
Tgt Ion:154 Resp: 564973

Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

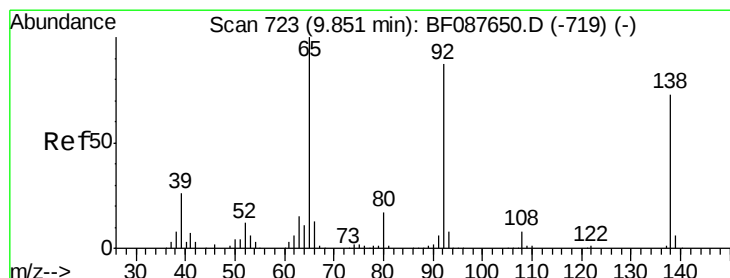
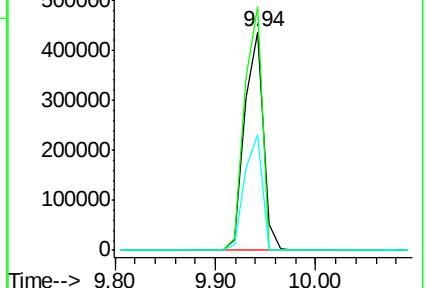
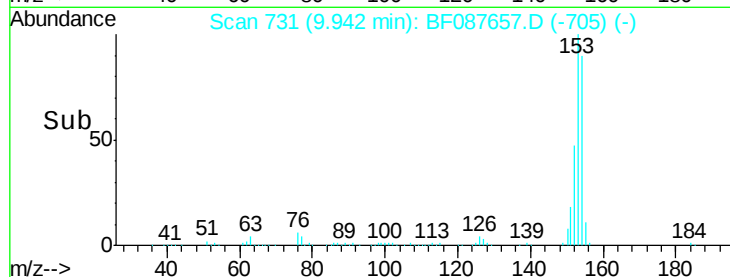
152 53.1 42.7 64.1



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: 35.82 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

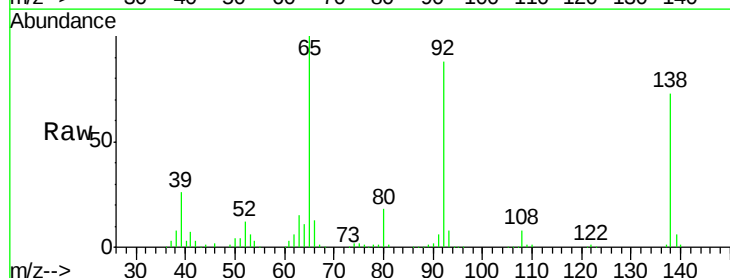
Tgt Ion:138 Resp: 146927

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

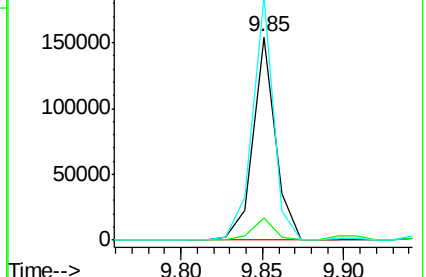
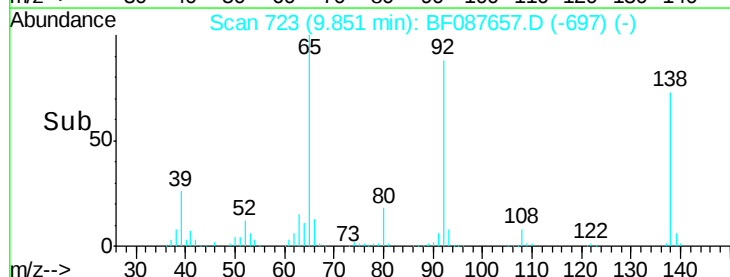
92 119.8 95.7 143.5

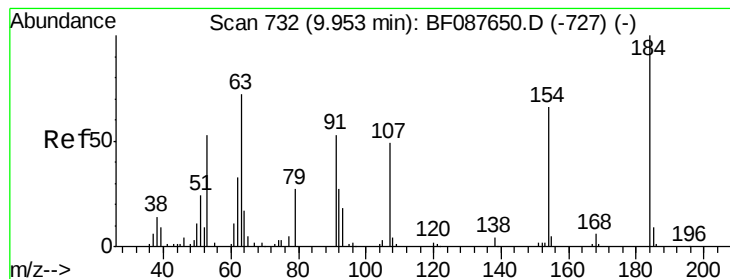


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 41.76 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

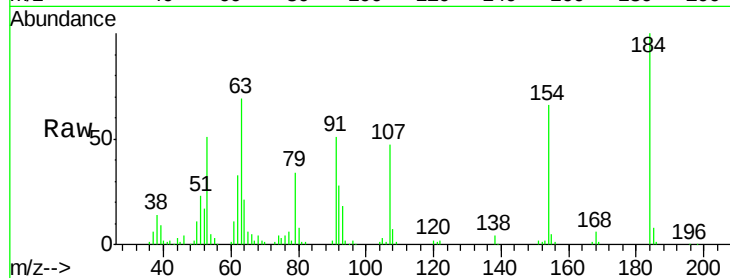
Tgt Ion:184 Resp: 64797

Ion Ratio Lower Upper

184 100

63 68.7 57.6 86.4

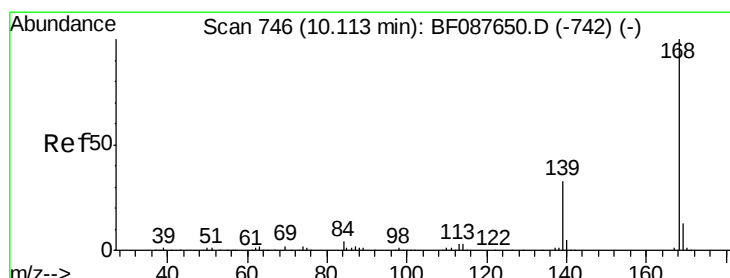
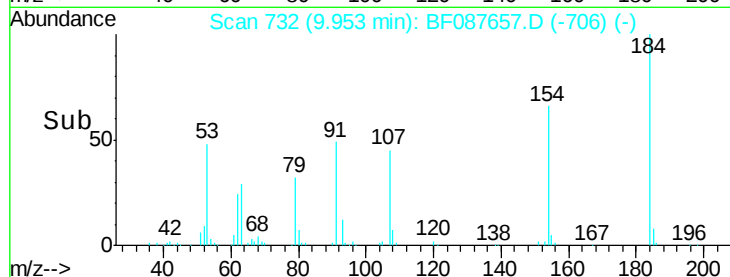
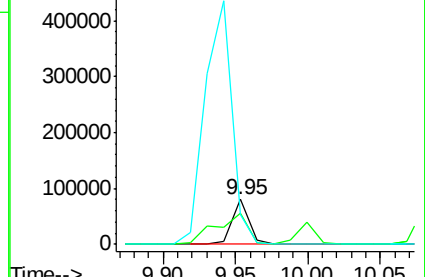
154 65.9 53.5 80.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.60 ng

RT: 10.11 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

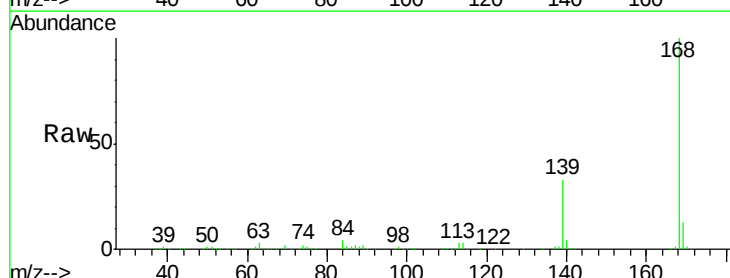
Tgt Ion:168 Resp: 795873

Ion Ratio Lower Upper

168 100

139 32.7 26.4 39.6

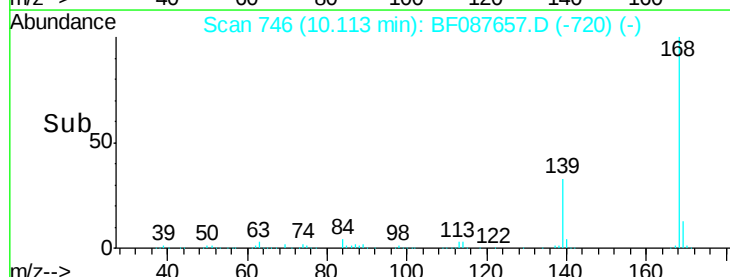
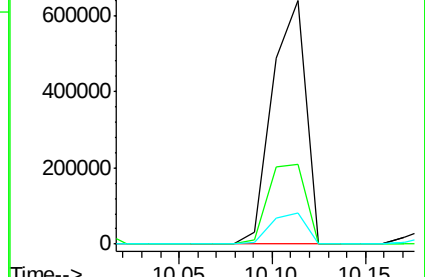
169 13.0 10.4 15.6

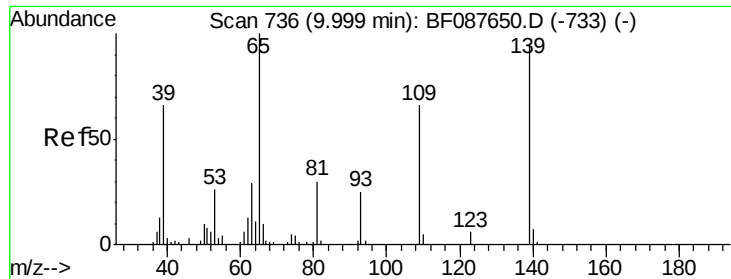


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

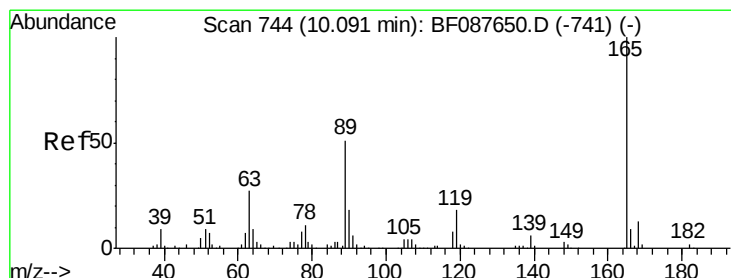
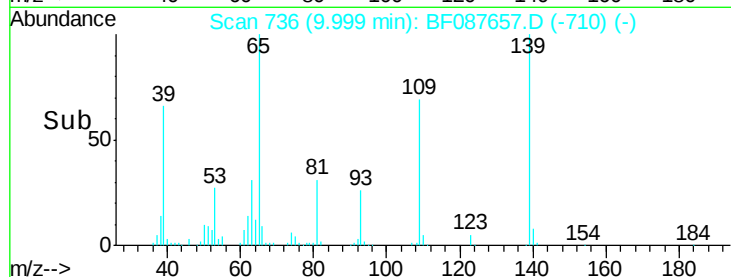
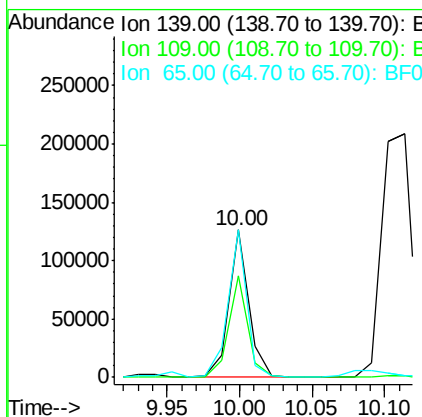
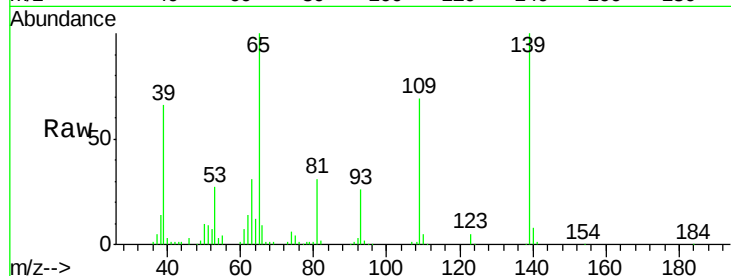




#55
4-Nitrophenol
Concen: 34.37 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

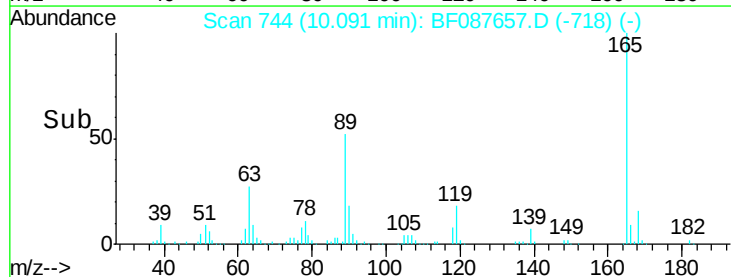
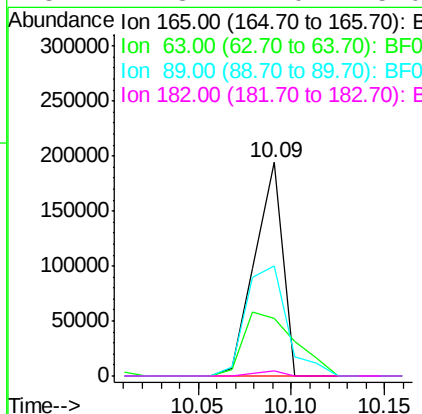
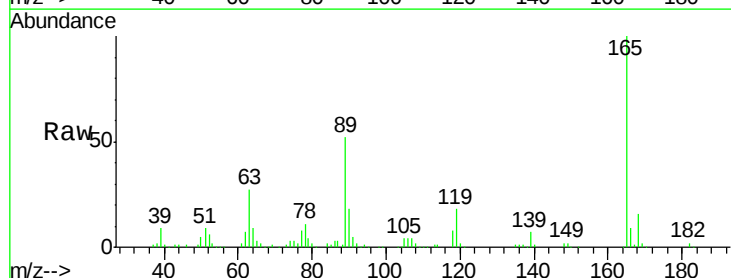
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

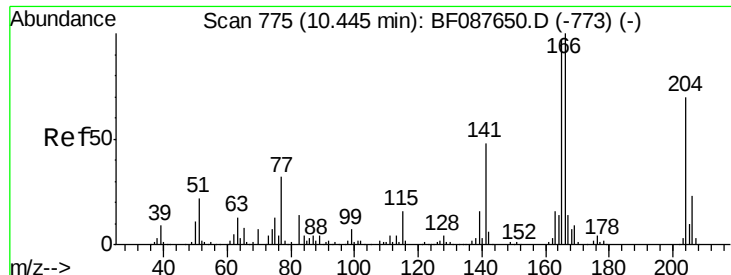
Tgt Ion:139 Resp: 120479
Ion Ratio Lower Upper
139 100
109 69.2 48.9 88.9
65 99.9 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 44.87 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:165 Resp: 204897
Ion Ratio Lower Upper
165 100
63 27.1 22.0 33.0
89 51.6 41.1 61.7
182 2.3 2.0 3.0

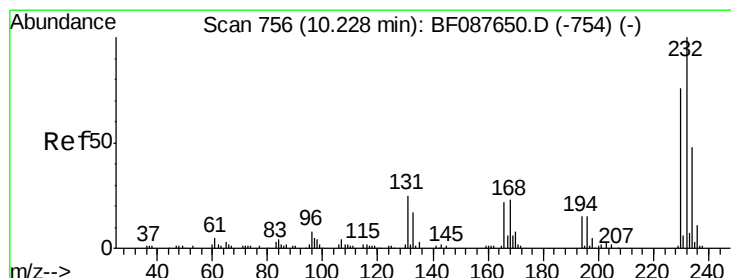
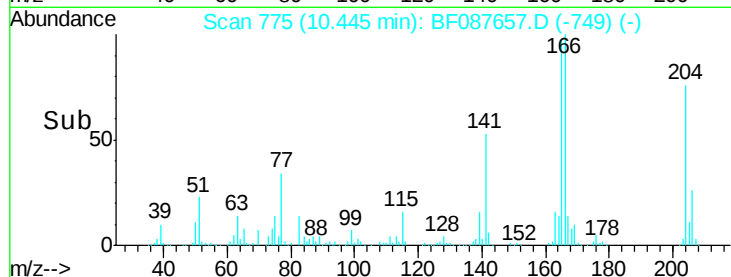
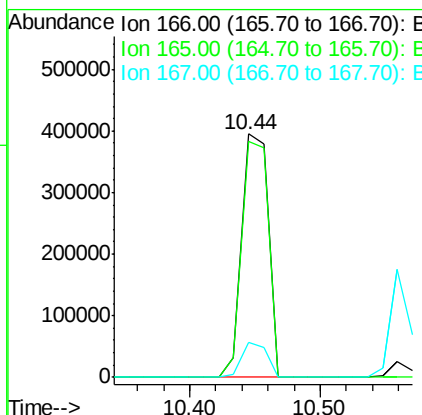
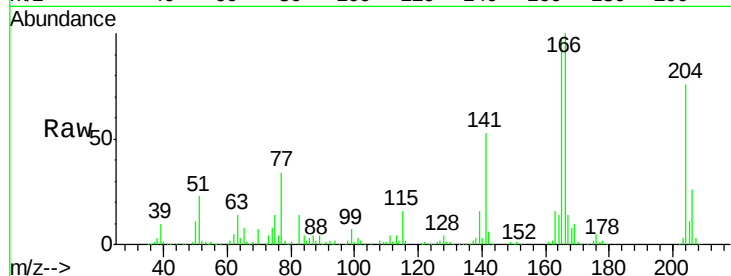




#57
Fluorene
 Concen: 37.08 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

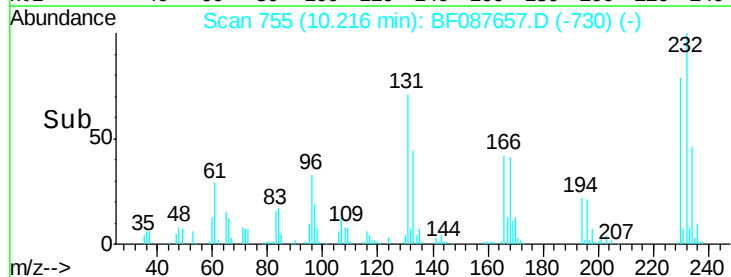
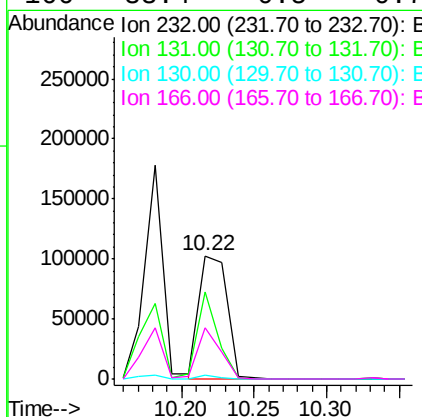
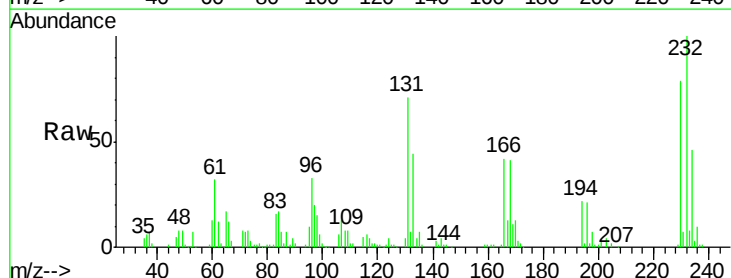
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

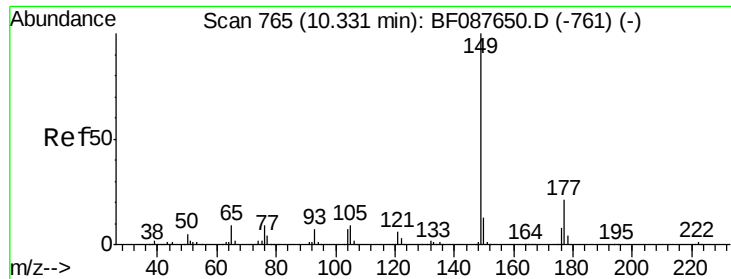
Tgt Ion:166 Resp: 554647
 Ion Ratio Lower Upper
 166 100
 165 97.1 77.8 116.8
 167 14.3 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 38.69 ng
 RT: 10.22 min Scan# 755
 Delta R.T. -0.01 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:232 Resp: 139969
 Ion Ratio Lower Upper
 232 100
 131 50.7 0.9 1.3#
 130 2.5 1.5 2.3#
 166 33.4 0.5 0.7#

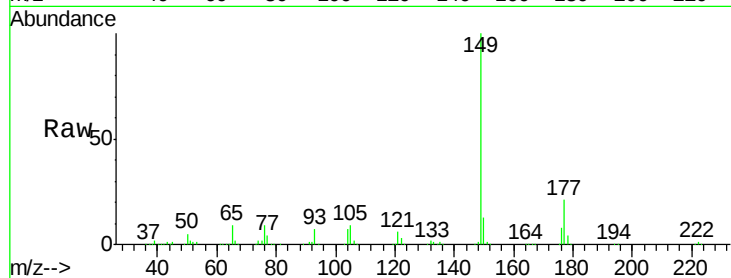




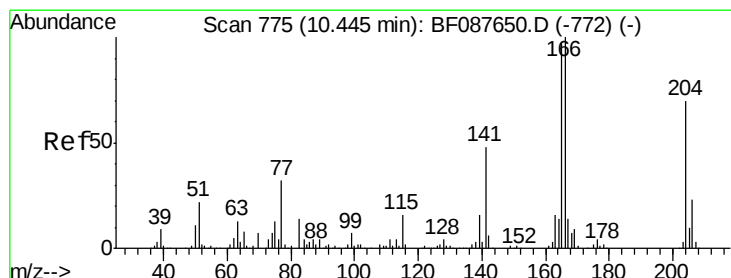
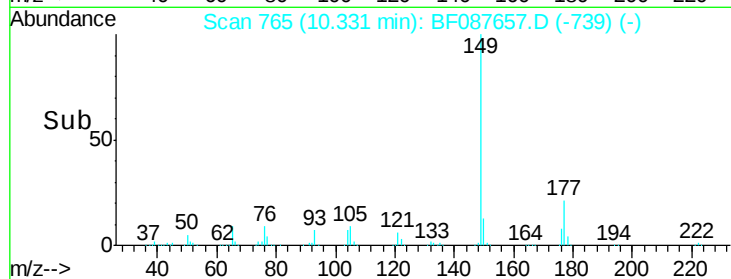
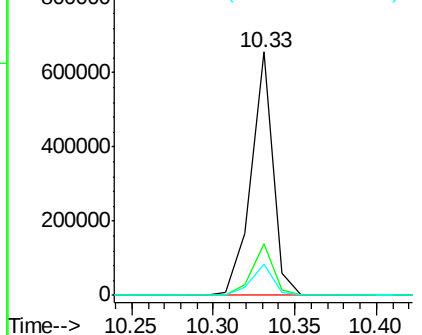
#59
Diethylphthalate
Concen: 38.66 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 611997
Ion Ratio Lower Upper
149 100
177 21.3 16.9 25.3
150 12.7 10.1 15.1

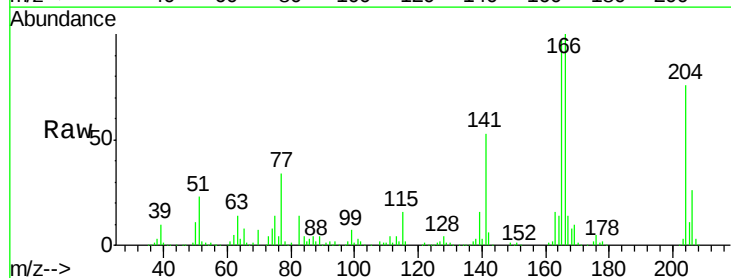


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

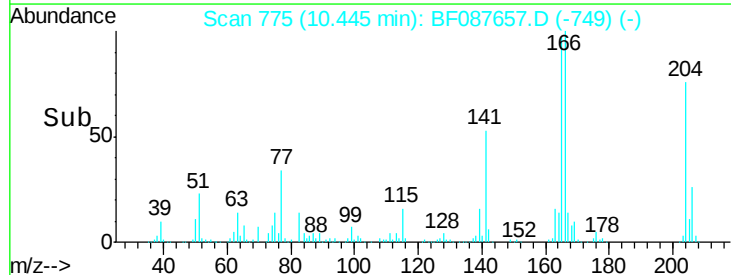
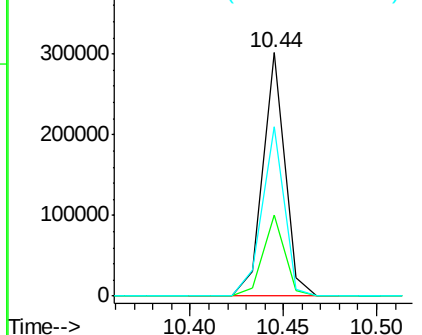


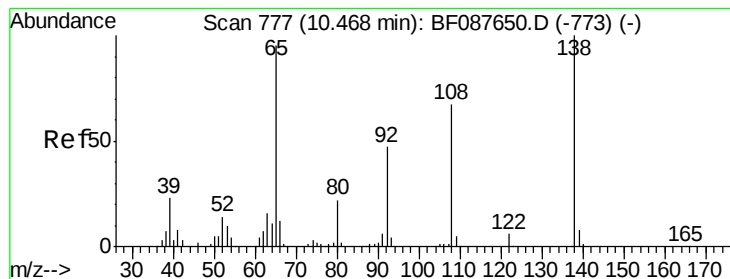
#60
4-Chlorophenyl-phenylether
Concen: 40.85 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:204 Resp: 244168
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 69.4 55.0 82.6



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: 43.93 ng

RT: 10.47 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

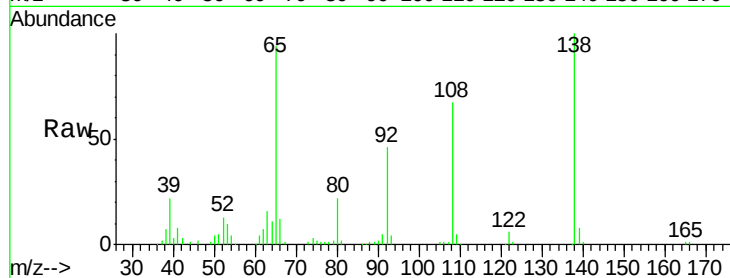
Tgt Ion:138 Resp: 173237

Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

108 67.3 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

200000

150000

100000

50000

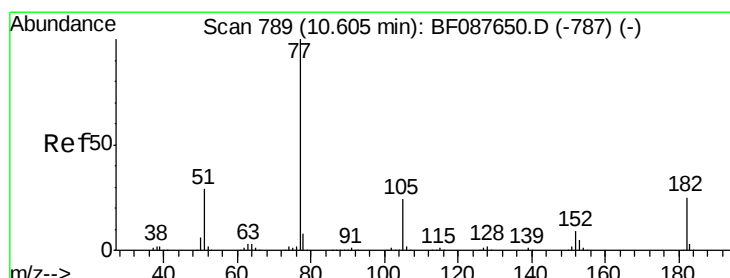
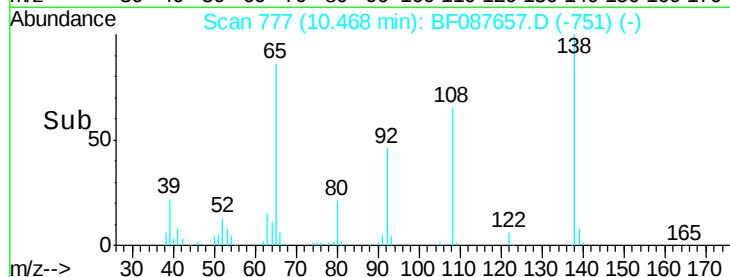
0

10.47

10.40

10.50

Time-->



#62

Azobenzene

Concen: 42.25 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Tgt Ion: 77 Resp: 673207

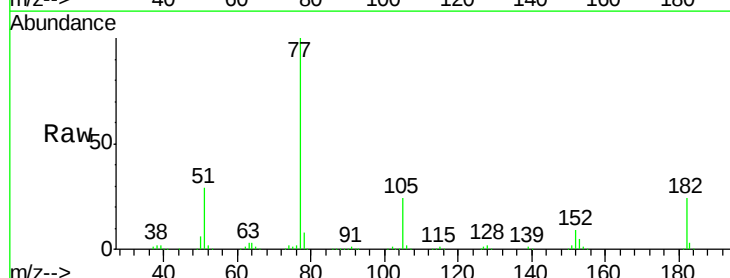
Ion Ratio Lower Upper

77 100

182 23.9 4.4 44.4

105 23.6 3.8 43.8

51 28.6 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

1000000

800000

600000

400000

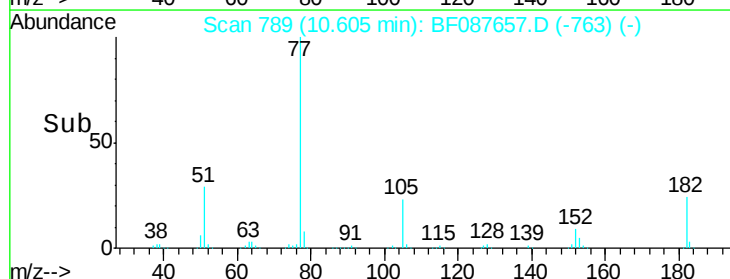
200000

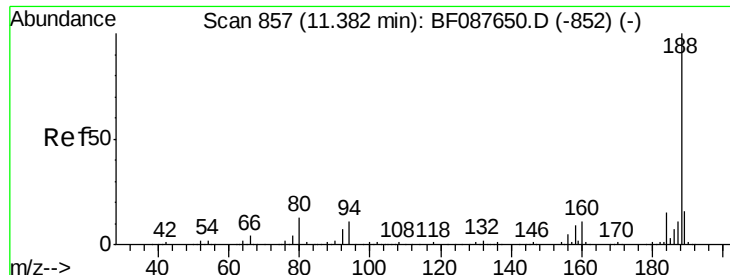
0

10.60

10.50

Time-->

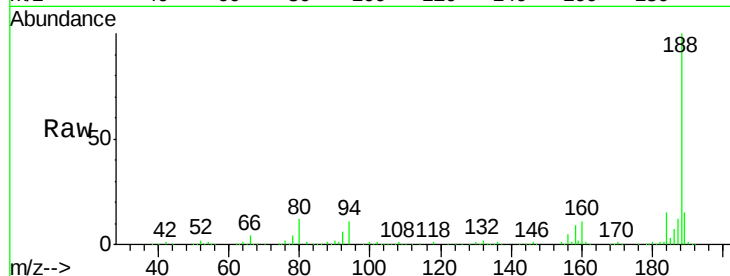




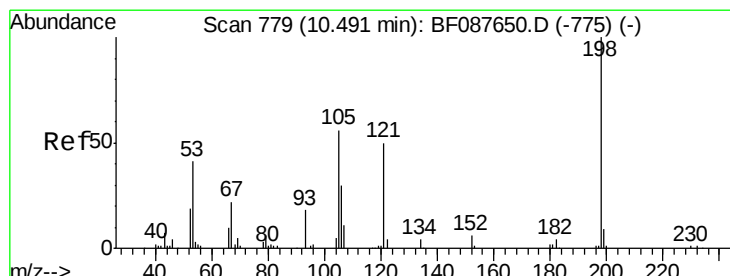
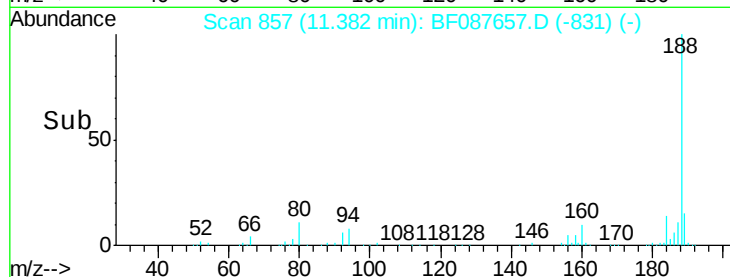
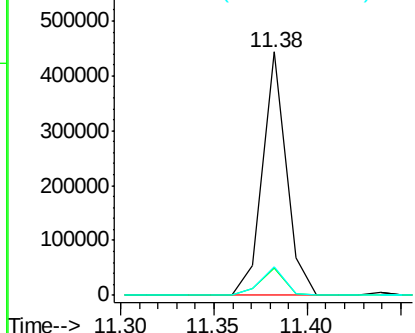
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 390100
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 11.9 10.0 15.0

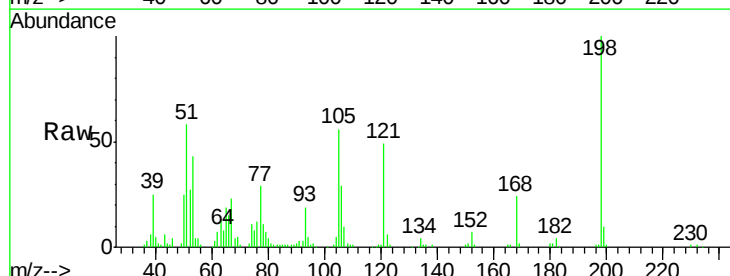


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

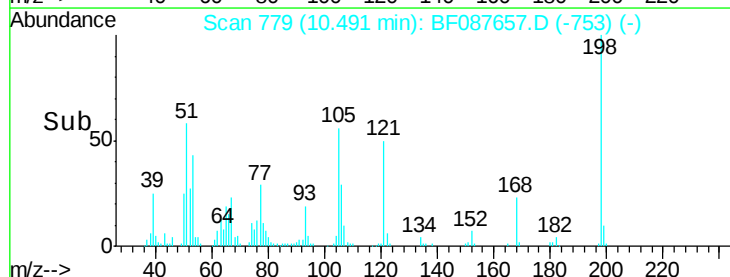
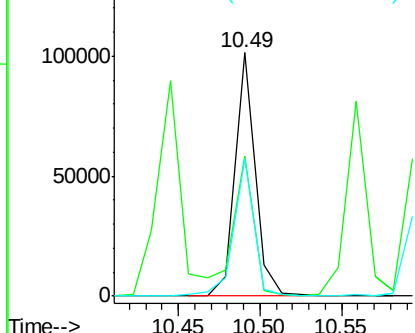


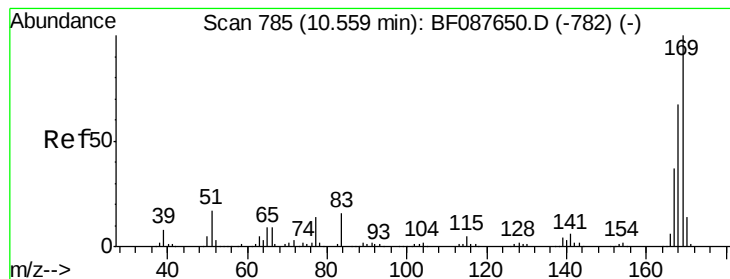
#64
4,6-Dinitro-2-methylphenol
Concen: 39.63 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:198 Resp: 85125
Ion Ratio Lower Upper
198 100
51 57.7 39.6 79.6
105 56.2 36.6 76.6



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

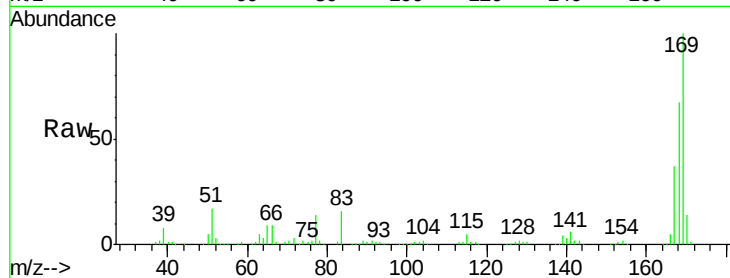




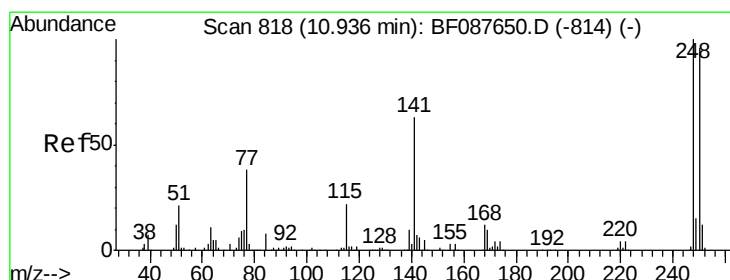
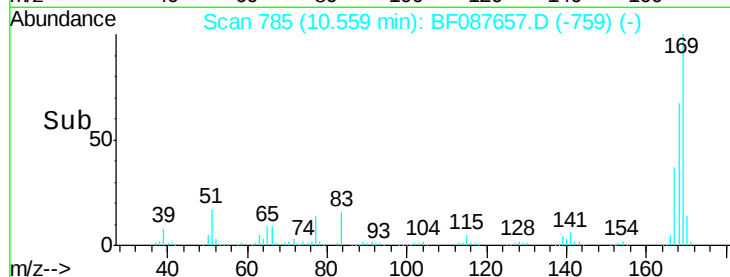
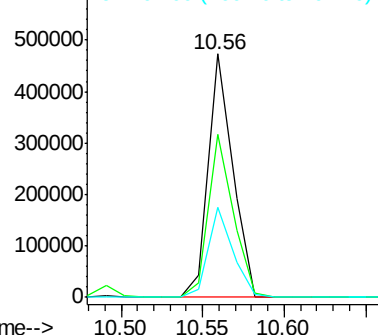
#65
 n-Nitrosodiphenylamine
 Concen: 38.26 ng
 RT: 10.56 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 488826
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.4 80.0
 167 36.9 29.4 44.0

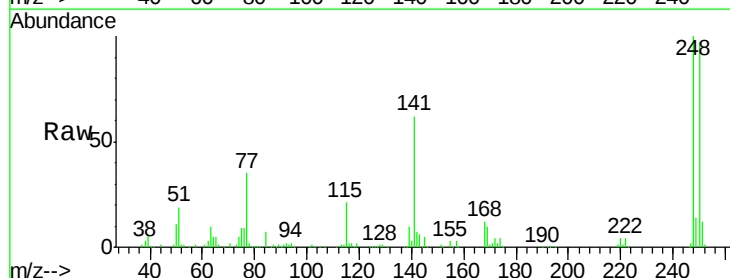


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

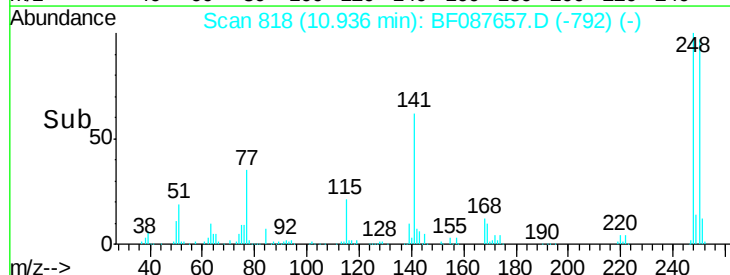
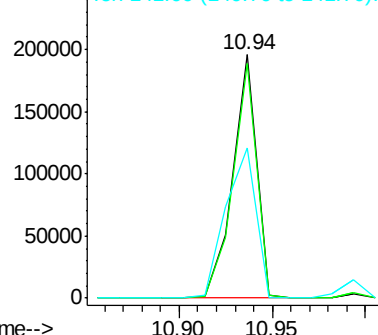


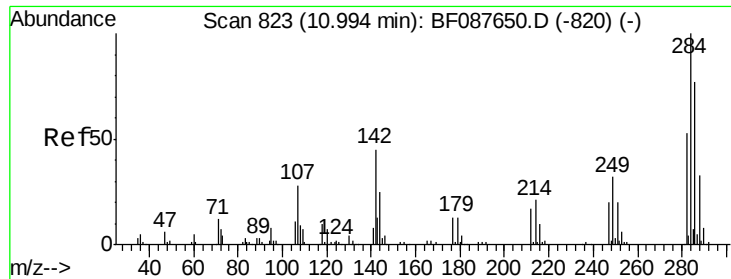
#66
 4-Bromophenyl-phenylether
 Concen: 44.34 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:248 Resp: 171521
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.1 115.7
 141 61.7 50.6 76.0



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

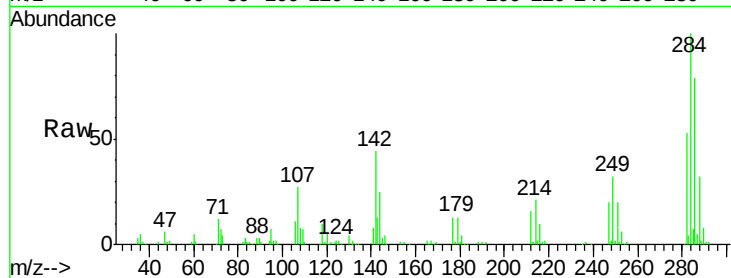




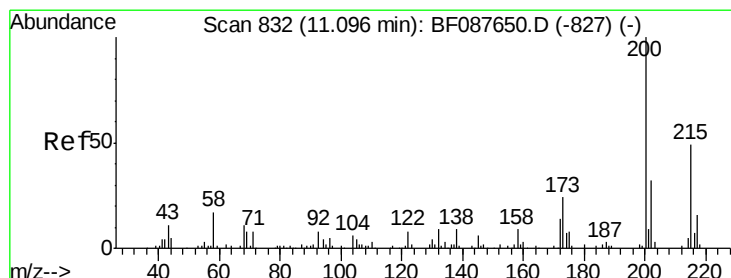
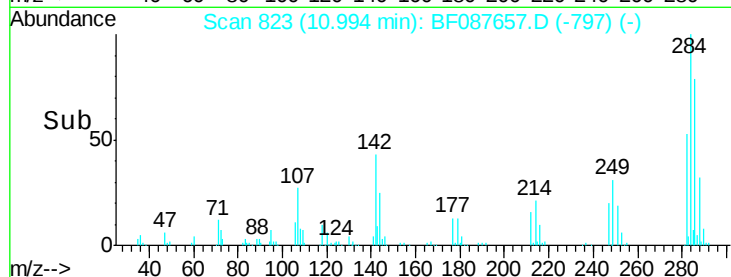
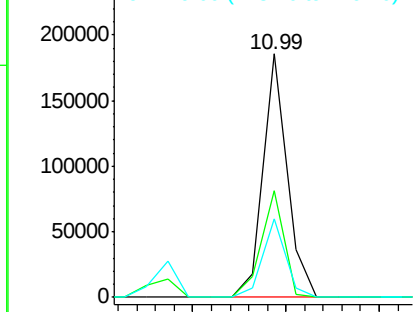
#67
Hexachlorobenzene
Concen: 38.13 ng
RT: 10.99 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 164940
Ion Ratio Lower Upper
284 100
142 43.9 35.8 53.8
249 32.0 25.8 38.6

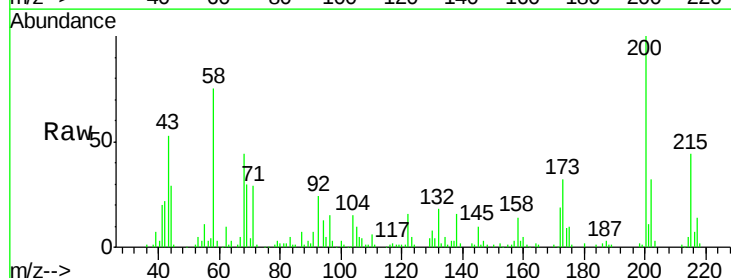


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

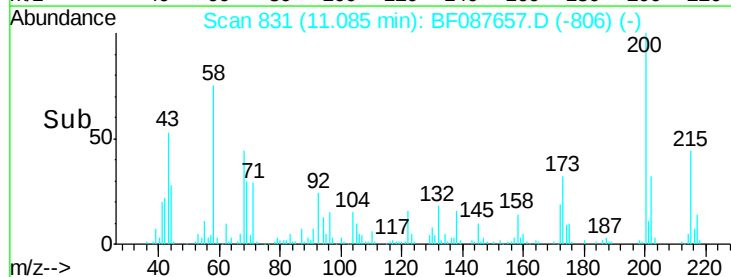
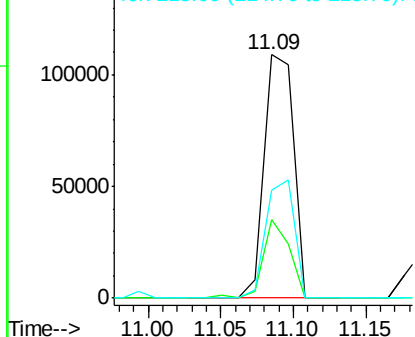


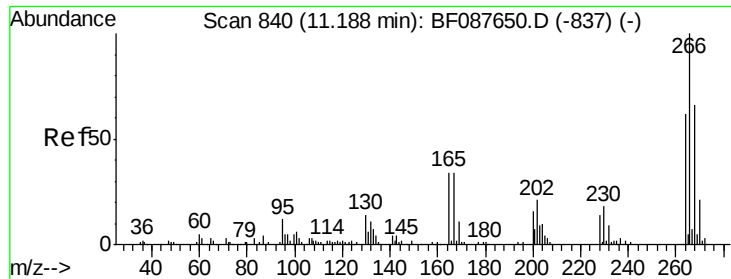
#68
Atrazine
Concen: 40.45 ng
RT: 11.09 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:200 Resp: 153097
Ion Ratio Lower Upper
200 100
173 32.4 4.0 44.0
215 44.1 29.3 69.3



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

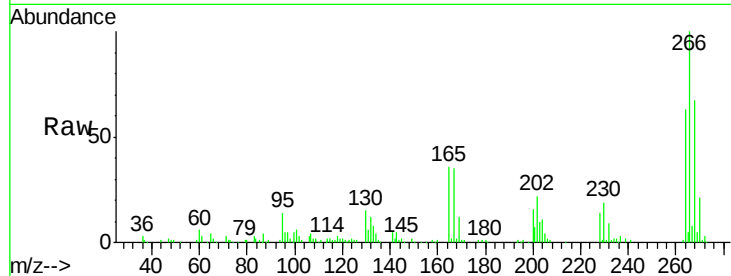




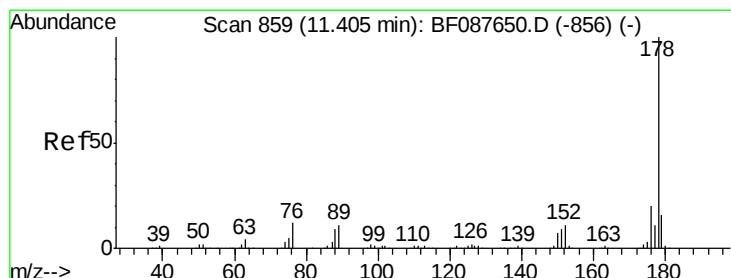
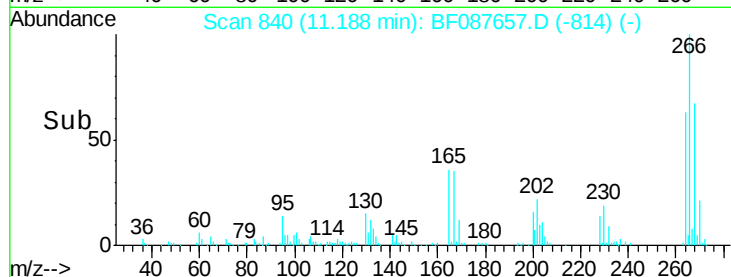
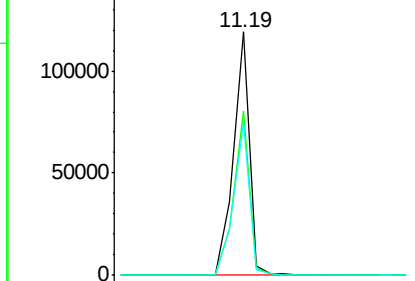
#69
 Pentachlorophenol
 Concen: 43.35 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 111418
 Ion Ratio Lower Upper
 266 100
 268 67.4 52.8 79.2
 264 62.8 49.6 74.4

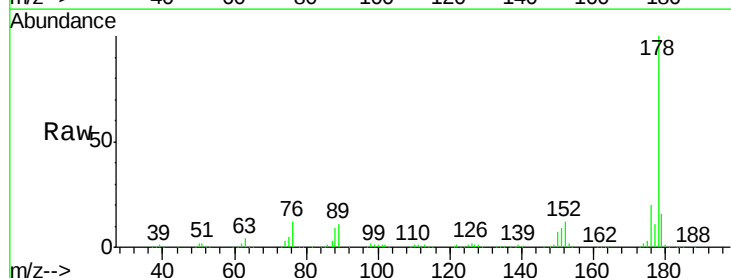


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

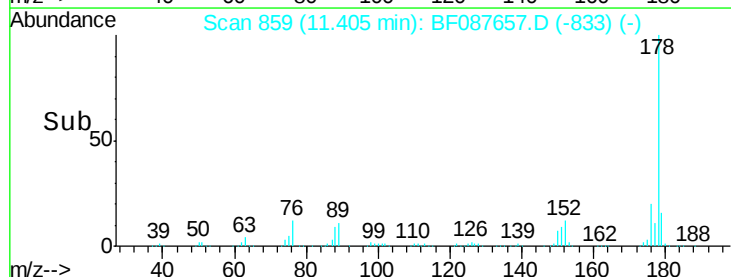
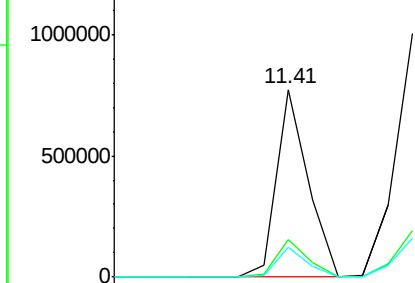


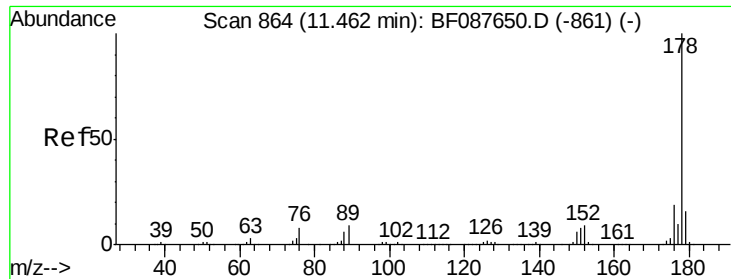
#70
 Phenanthrene
 Concen: 37.11 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:178 Resp: 784898
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.2 13.0 19.4



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

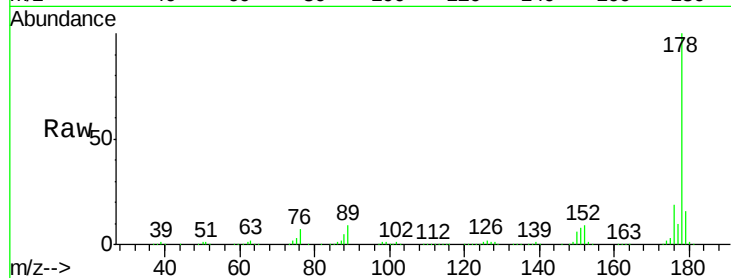




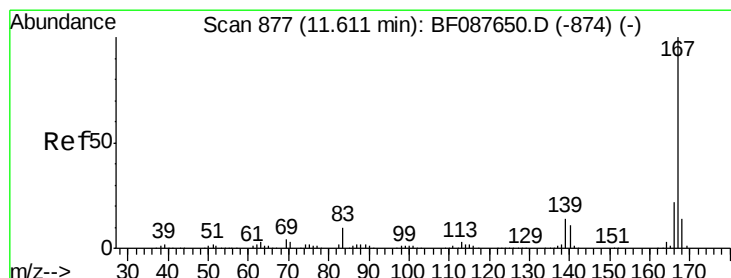
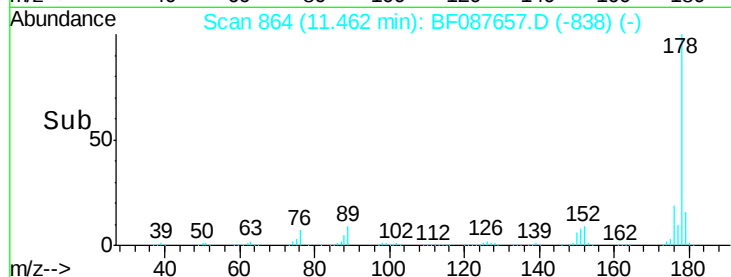
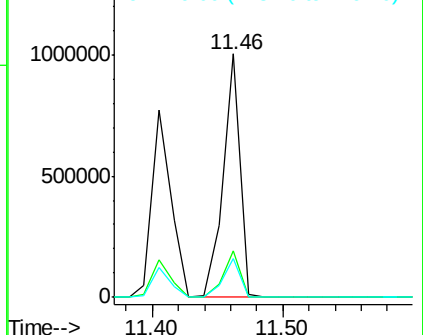
#71
 Anthracene
 Concen: 43.00 ng
 RT: 11.46 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 911275
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.8 12.8 19.2

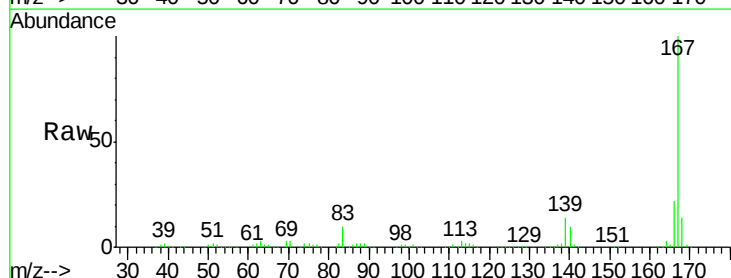


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

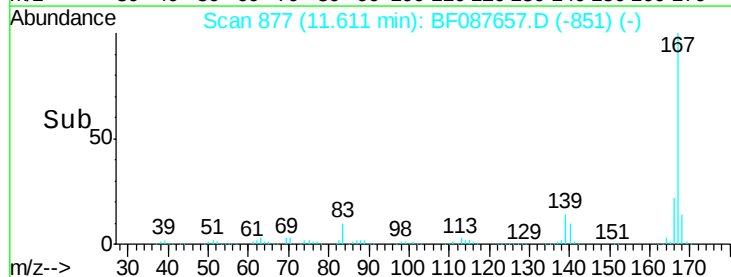
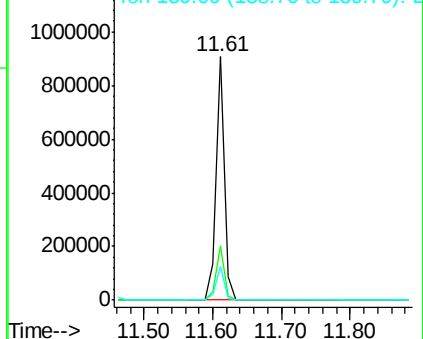


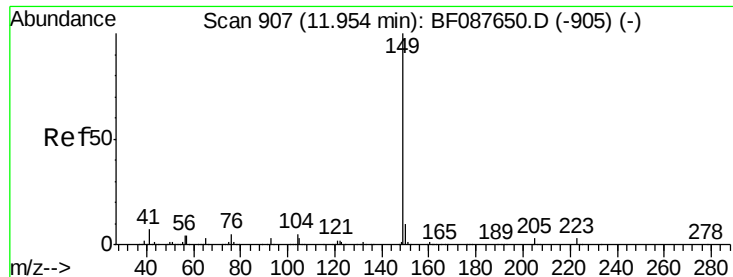
#72
 Carbazole
 Concen: 38.91 ng
 RT: 11.61 min Scan# 877
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:167 Resp: 780602
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 13.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

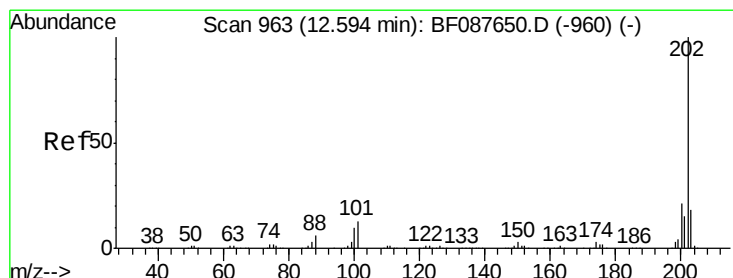
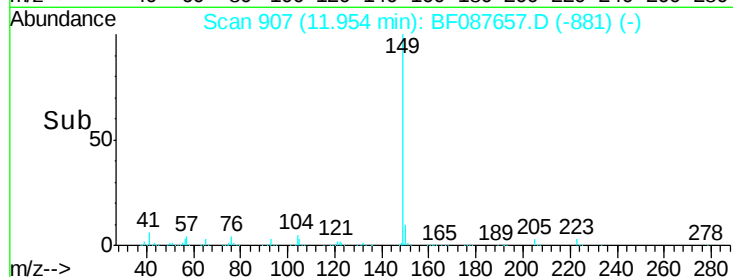
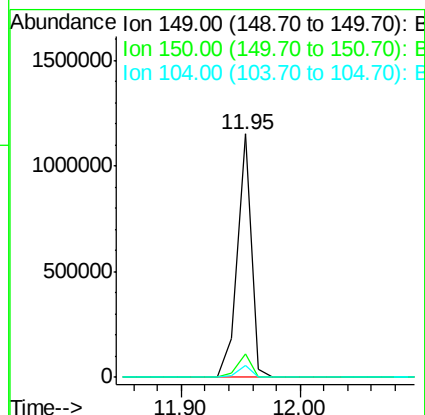
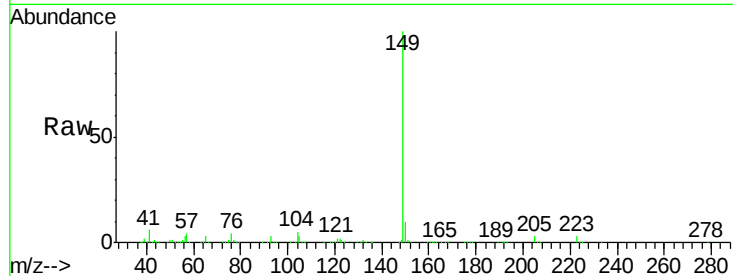




#73
Di-n-butylphthalate
Concen: 43.97 ng
RT: 11.95 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

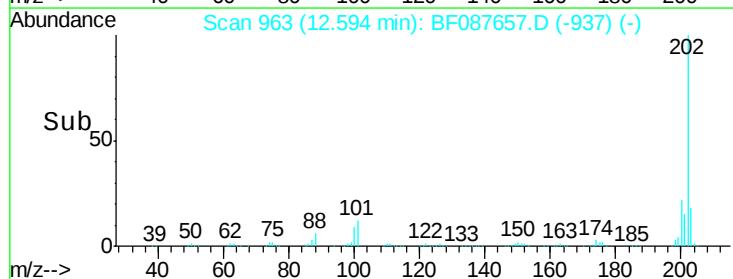
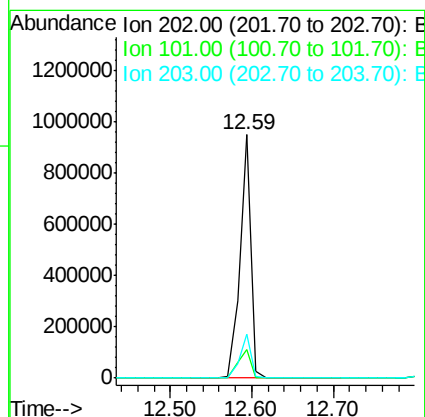
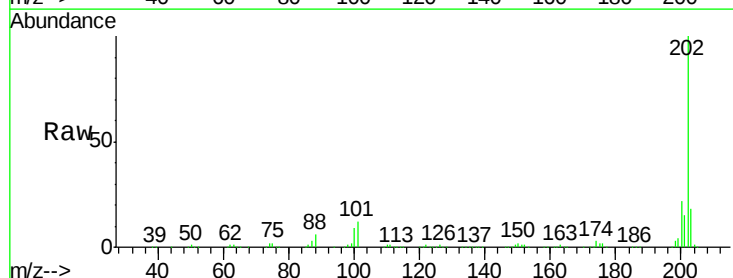
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

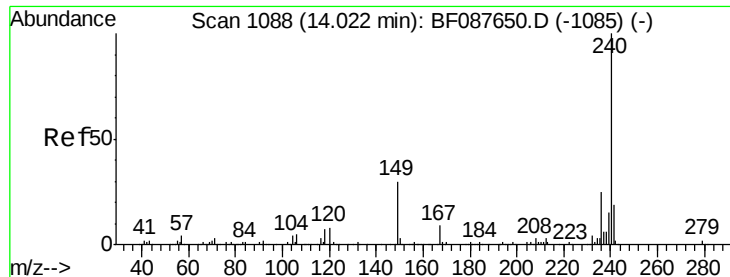
Tgt Ion:149 Resp: 945708
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 42.64 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF087657.D
Acq: 4 Jun 2016 10:43

Tgt Ion:202 Resp: 887539
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.1
203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

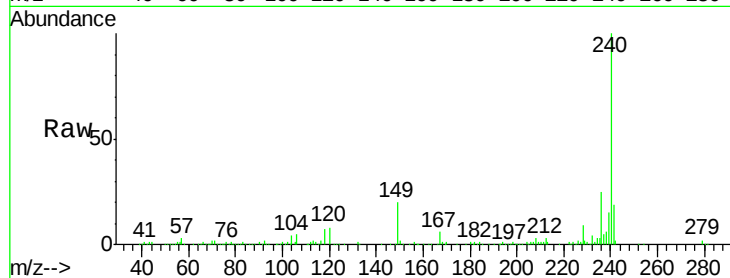
Tgt Ion:240 Resp: 295231

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

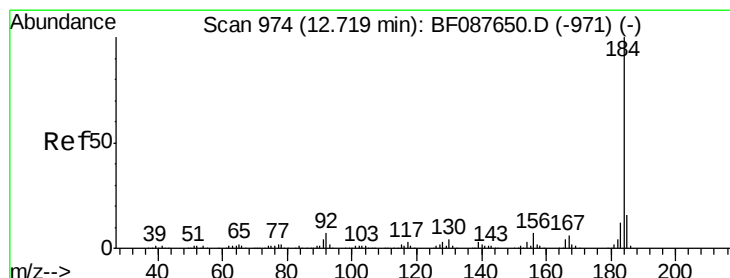
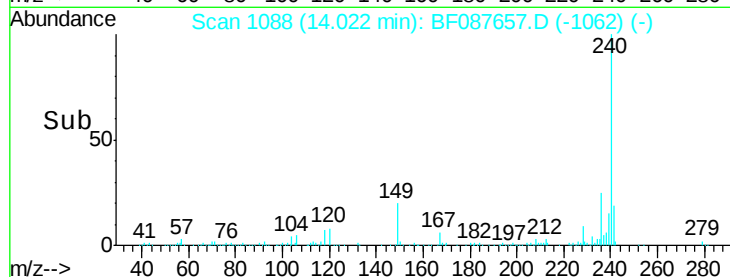
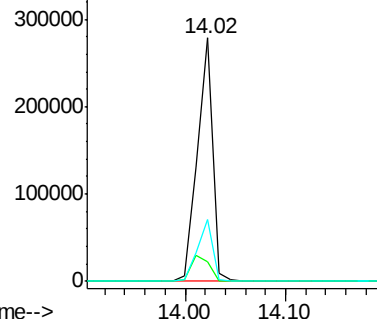
236 25.2 20.2 30.2



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: 44.87 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

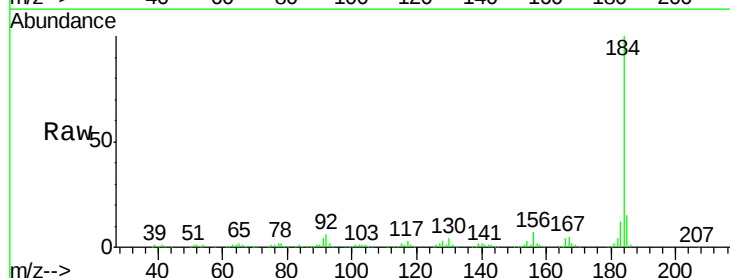
Tgt Ion:184 Resp: 522314

Ion Ratio Lower Upper

184 100

185 15.4 12.5 18.7

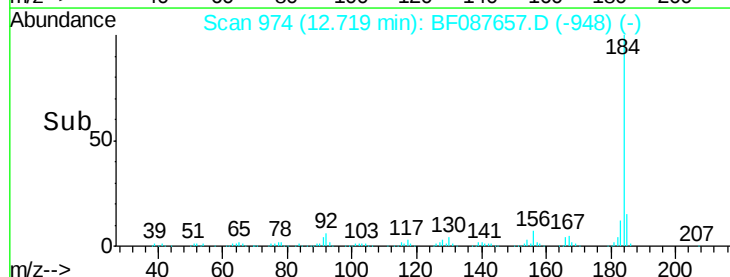
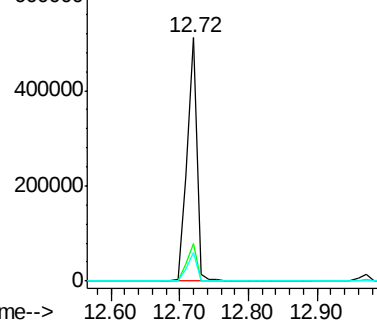
183 11.7 9.3 13.9

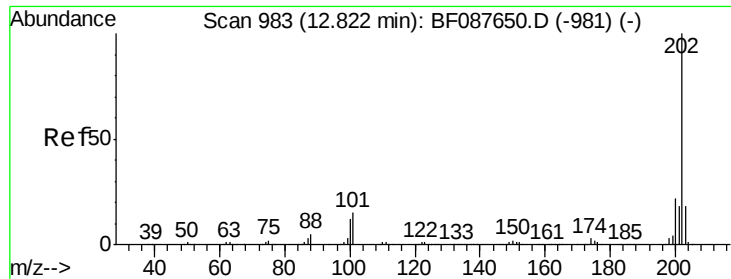


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

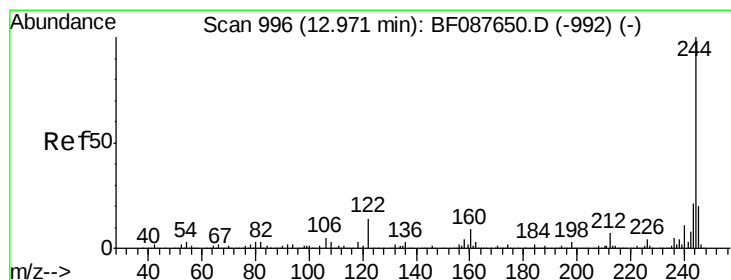
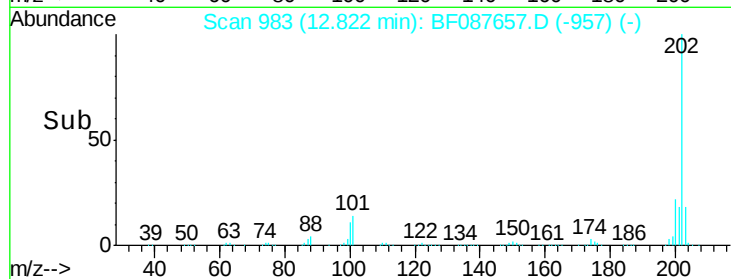
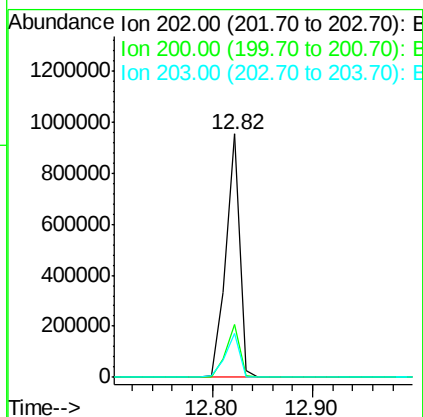
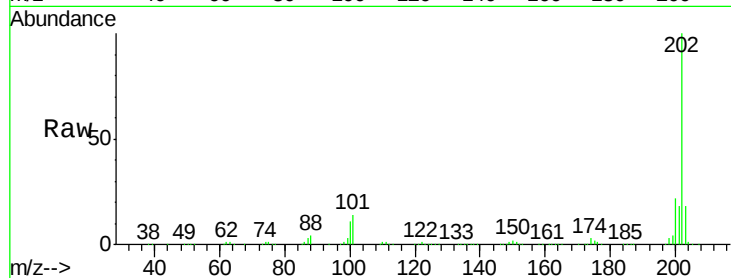




#77
 Pyrene
 Concen: 43.18 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

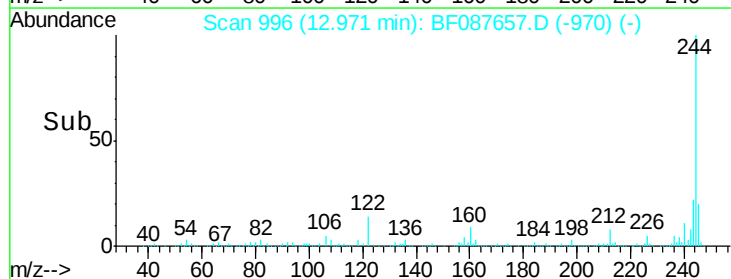
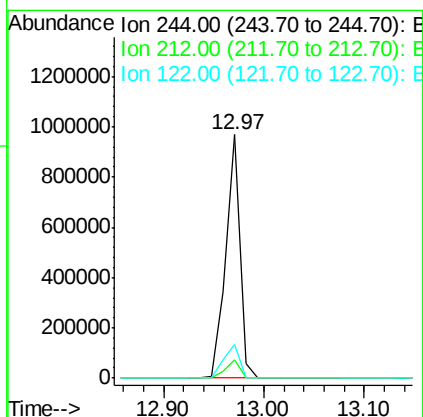
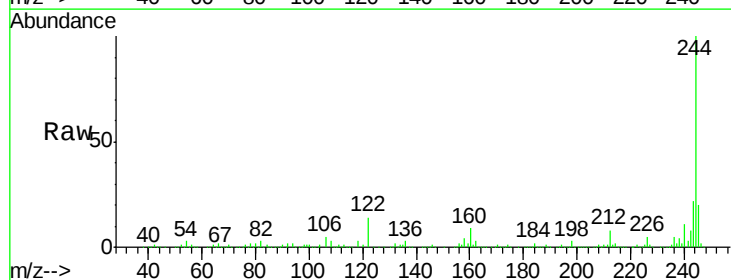
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

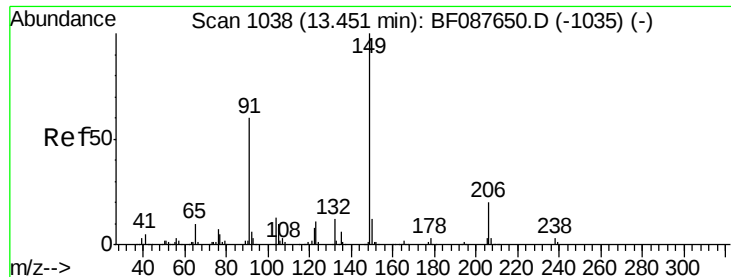
Tgt Ion: 202 Resp: 907690
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.4 26.2
 203 17.8 14.5 21.7



#78
 Terphenyl-d14
 Concen: 78.27 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion: 244 Resp: 947044
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 13.7 11.2 16.8





#79

Butylbenzylphthalate

Concen: 43.72 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

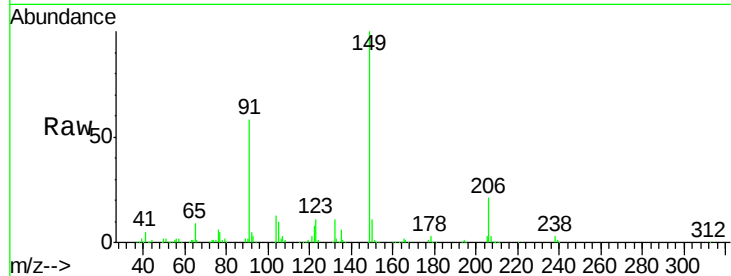
Tgt Ion:149 Resp: 391215

Ion Ratio Lower Upper

149 100

91 58.3 48.0 72.0

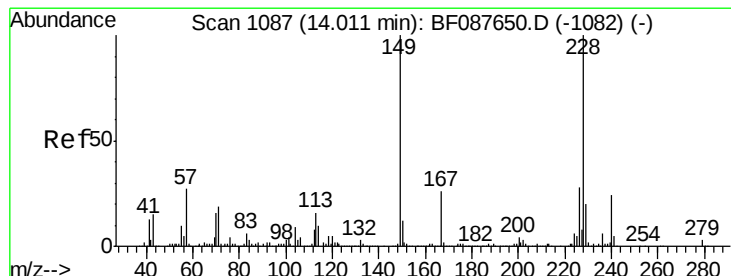
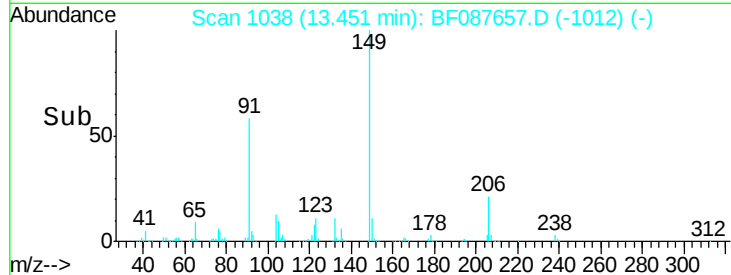
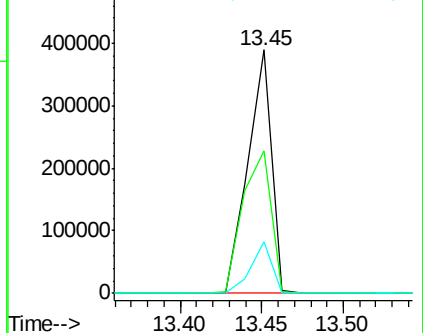
206 21.1 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.58 ng

RT: 14.01 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

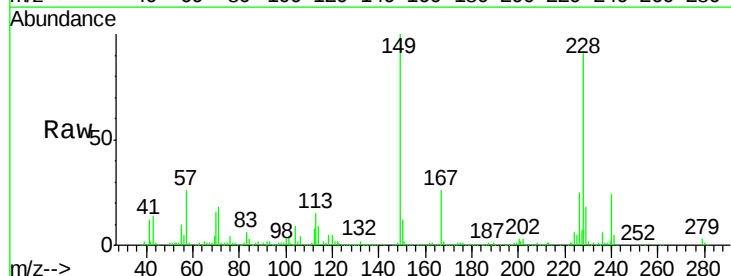
Tgt Ion:228 Resp: 708396

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

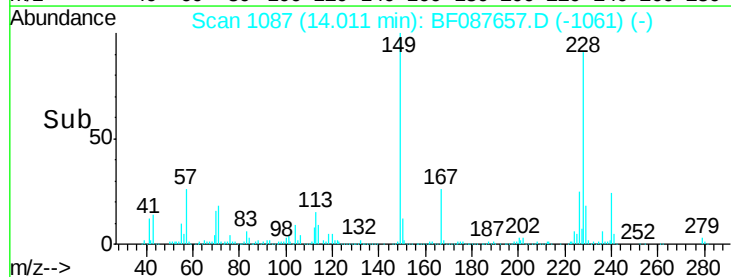
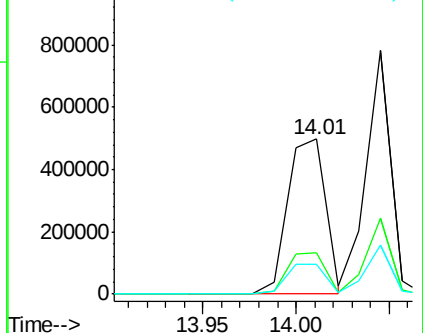
229 19.6 16.0 24.0

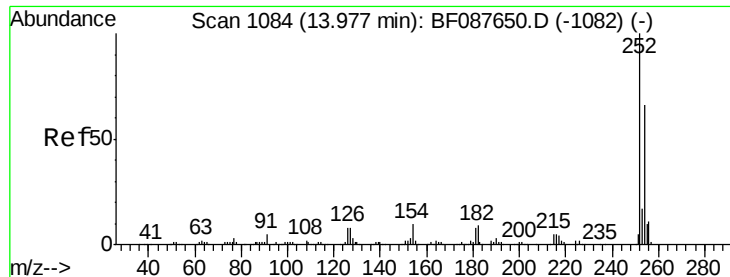


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

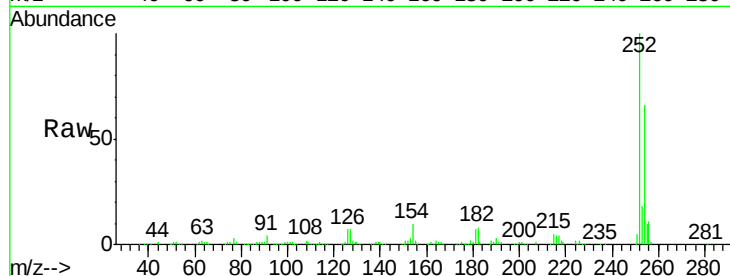




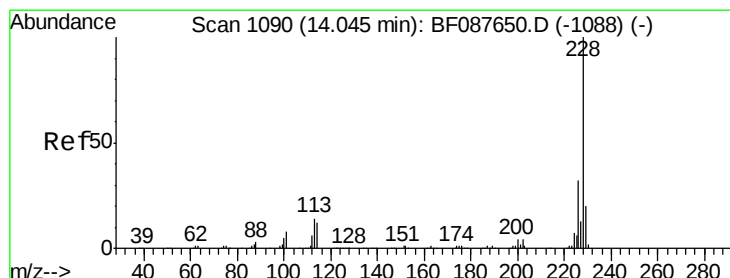
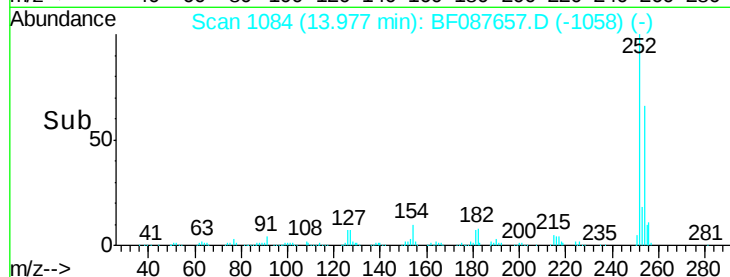
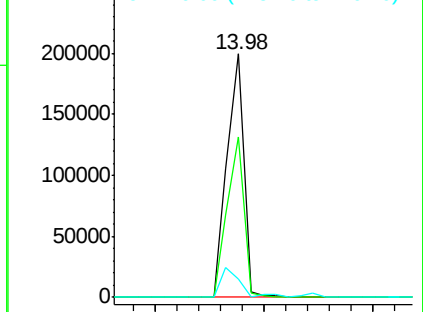
#81
 3,3'-Dichlorobenzidine
 Concen: 44.88 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:252 Resp: 215744
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.6 78.8
 126 7.3 6.2 9.2

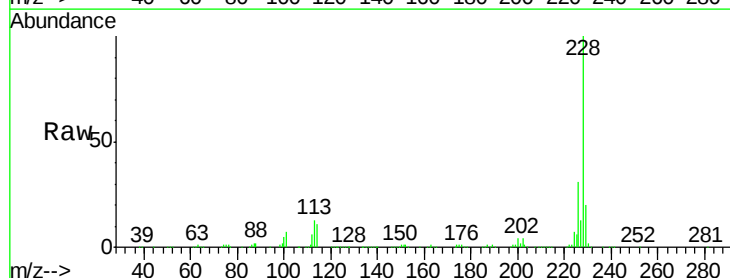


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

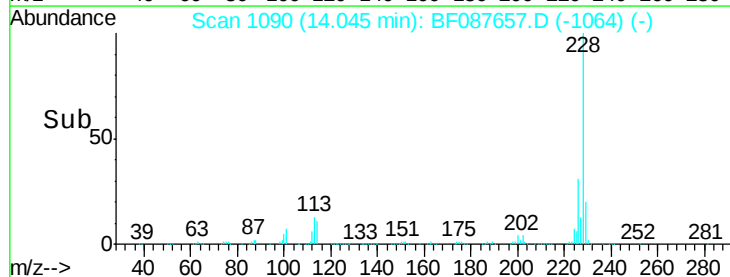
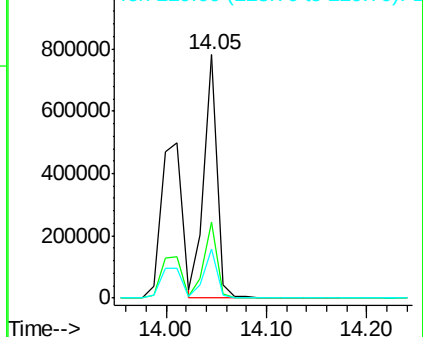


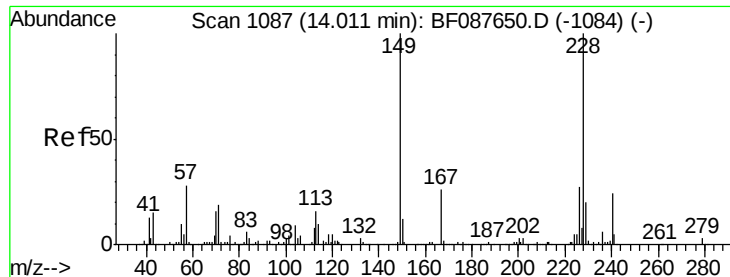
#82
 Chrysene
 Concen: 42.20 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:228 Resp: 715671
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.2
 229 20.2 16.3 24.5



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

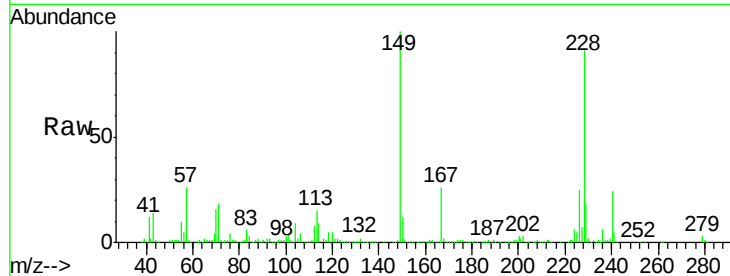




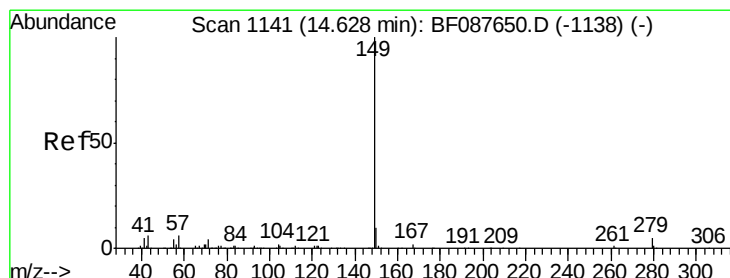
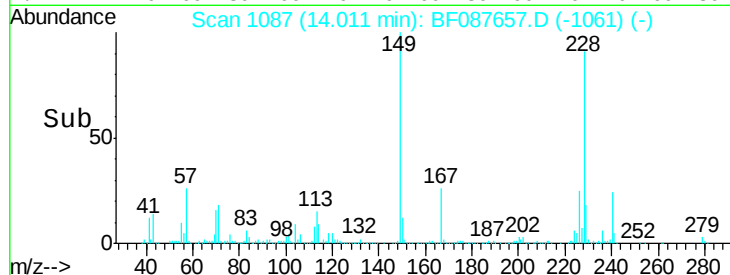
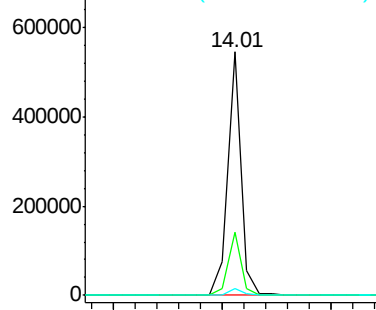
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.06 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:149 Resp: 469080
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 2.7 2.0 3.0

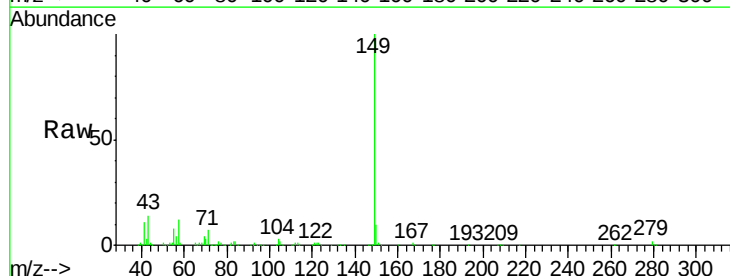


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

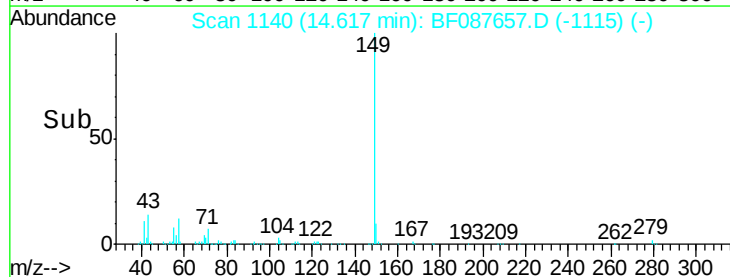
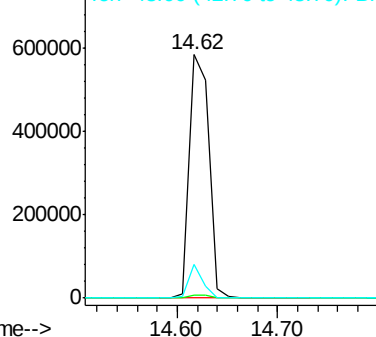


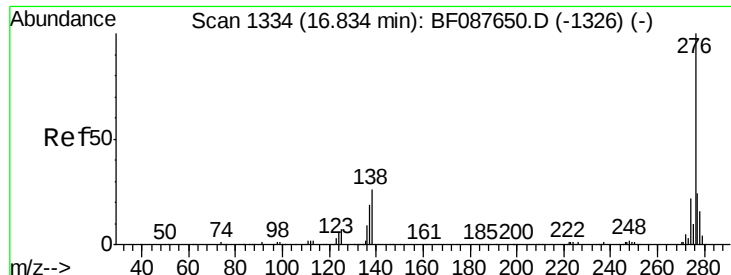
#84
 Di-n-octyl phthalate
 Concen: 39.85 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion:149 Resp: 788861
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 10.0 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

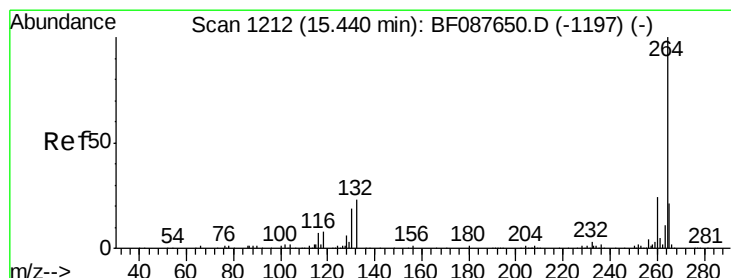
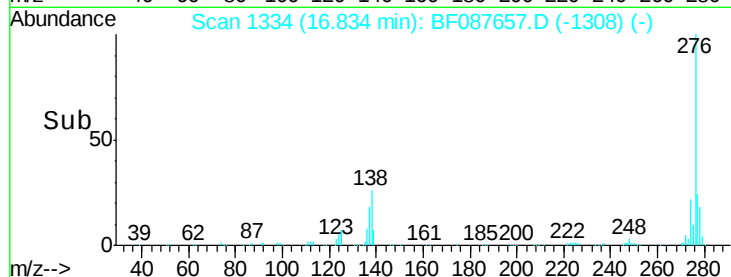
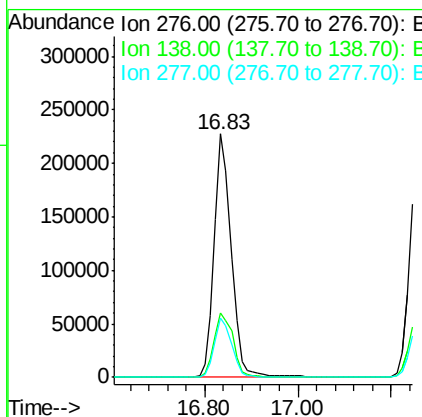
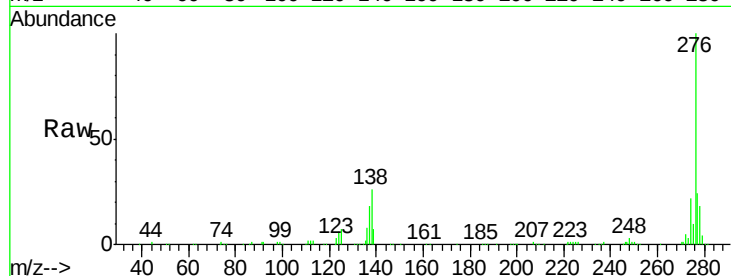




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.57 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

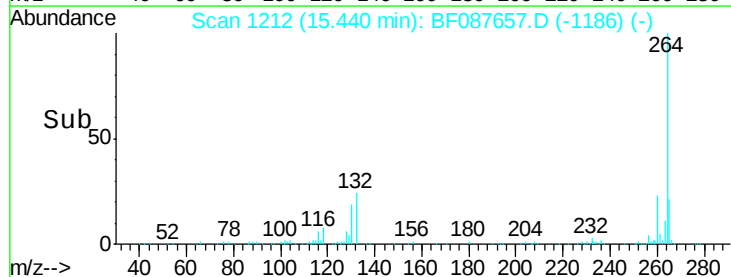
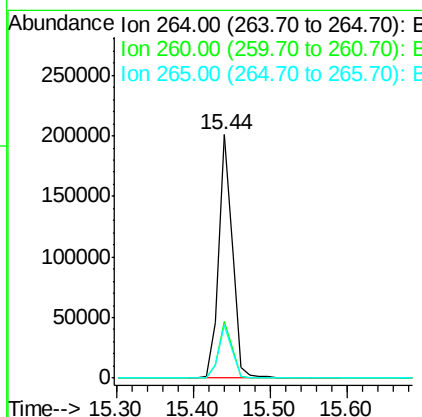
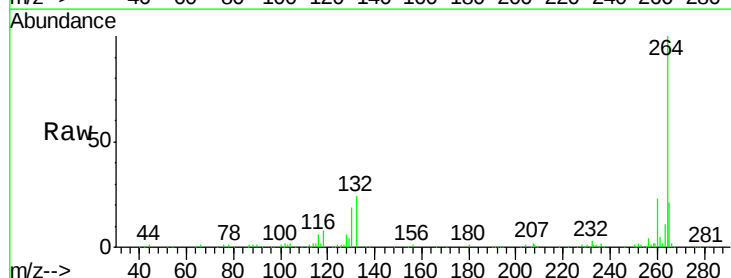
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

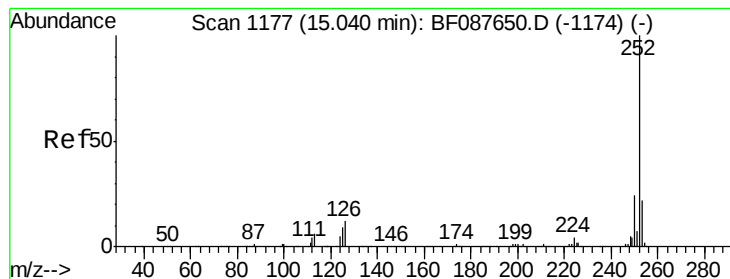
Tgt Ion: 276 Resp: 582754
 Ion Ratio Lower Upper
 276 100
 138 29.4 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Tgt Ion: 264 Resp: 250884
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 74.24 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

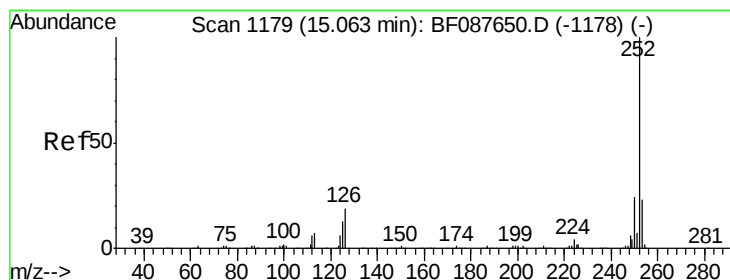
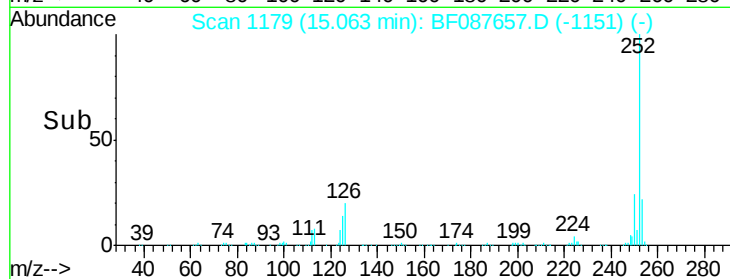
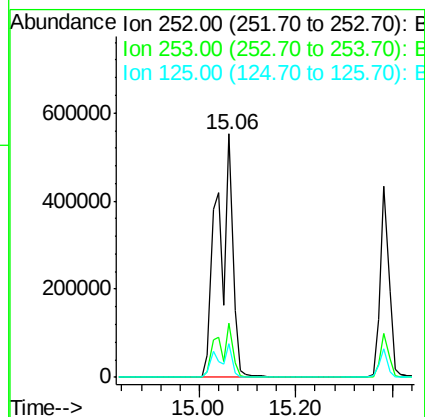
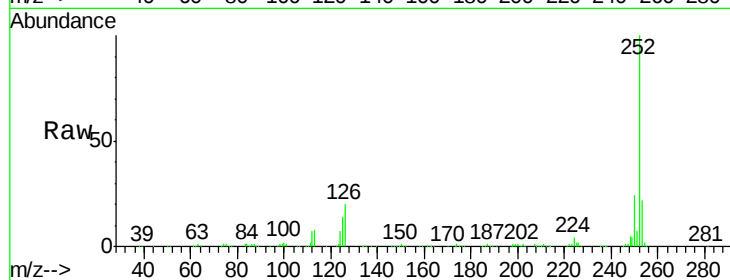
Tgt Ion:252 Resp: 1211663

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 13.7 7.1 10.7#



#88

Benzo(k)fluoranthene

Concen: 89.27 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

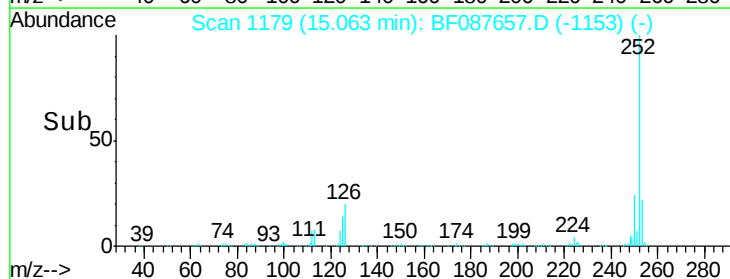
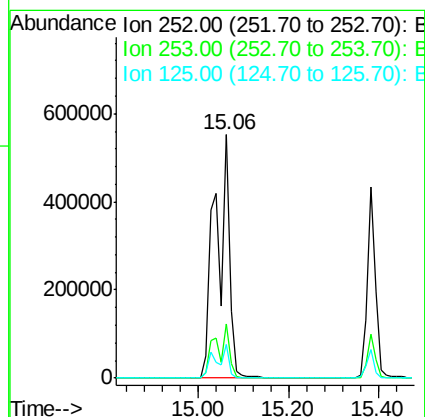
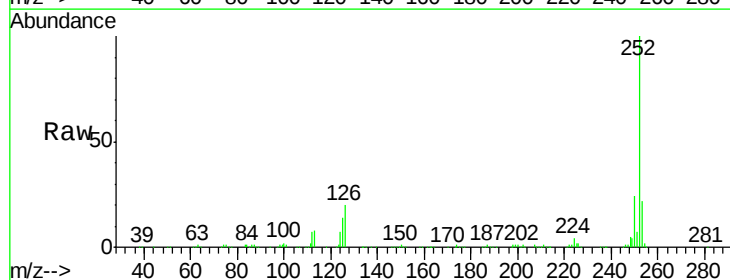
Tgt Ion:252 Resp: 1212104

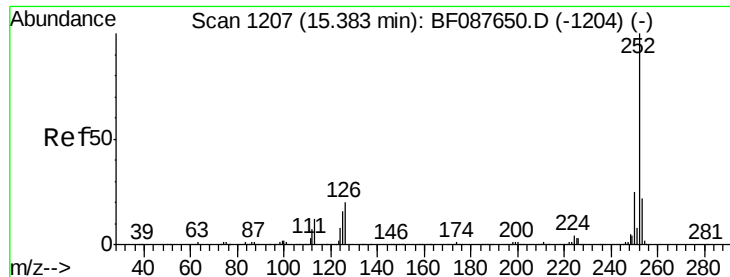
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 13.7 11.2 16.8





#89

Benzo(a)pyrene

Concen: 40.99 ng

RT: 15.38 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

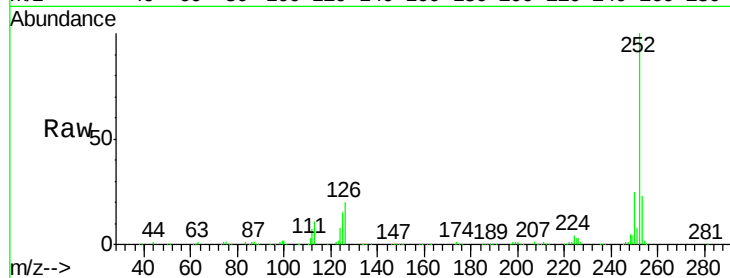
Tgt Ion:252 Resp: 562311

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

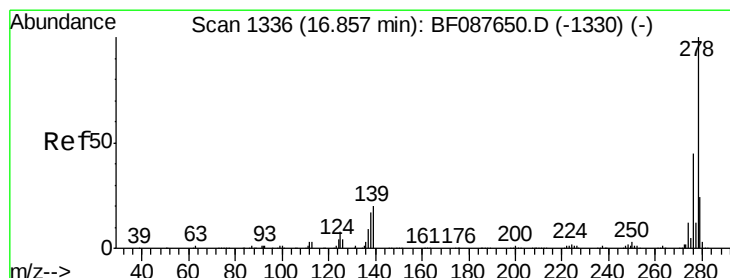
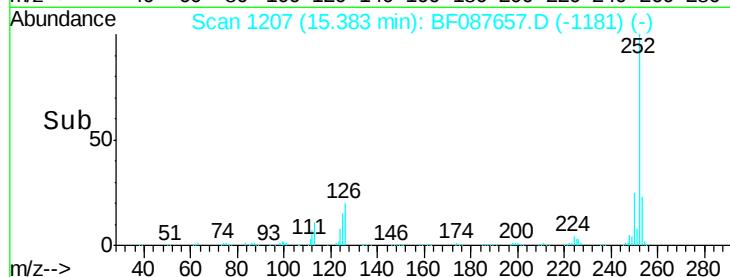
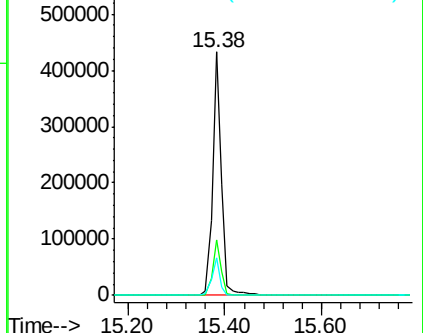
125 15.3 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 41.53 ng

RT: 16.86 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF087657.D

Acq: 4 Jun 2016 10:43

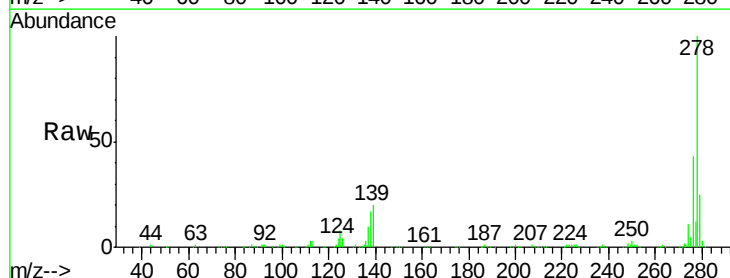
Tgt Ion:278 Resp: 484900

Ion Ratio Lower Upper

278 100

139 19.7 15.7 23.5

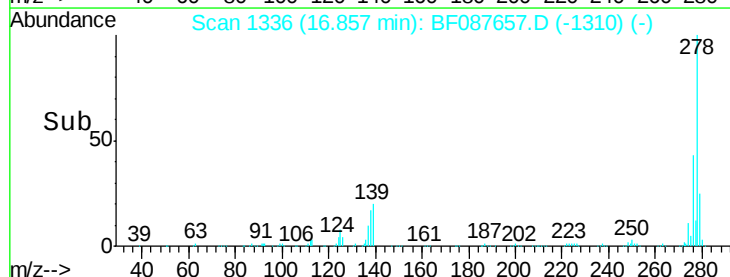
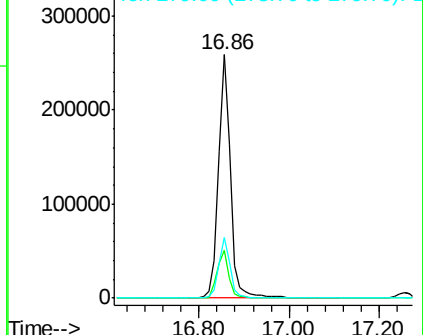
279 24.6 19.4 29.2

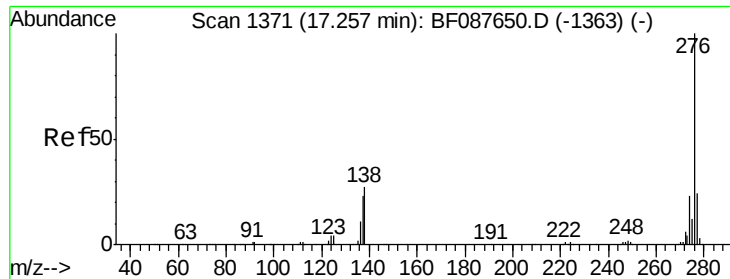


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

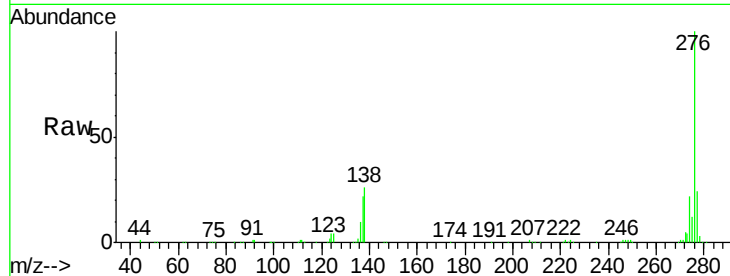




#91
 Benzo(g,h,i)perylene
 Concen: 41.55 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. 0.00 min
 Lab File: BF087657.D
 Acq: 4 Jun 2016 10:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	25.6	21.4	32.2



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

