

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087655.D
 Acq On : 4 Jun 2016 9:43
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Quant Time: Jun 05 00:54:38 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	113462	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	457228	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	222933	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	398573	20.00	ng	0.00
75) Chrysene-d12	14.02	240	310747	20.00	ng	0.00
86) Perylene-d12	15.44	264	273073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	591540	84.27	ng	0.00
7) Phenol-d6	6.49	99	726560	82.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	624812	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	170666	76.27	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1222392	83.77	ng	0.00
78) Terphenyl-d14	12.97	244	959577	75.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	136755	40.30	ng	# 30
3) Pyridine	3.19	79	384281	42.87	ng	96
4) n-Nitrosodimethylamine	3.14	42	151472	40.00	ng	99
6) Aniline	6.52	93	505207	40.49	ng	99
8) 2-Chlorophenol	6.64	128	310944	38.49	ng	99
9) Benzaldehyde	6.41	77	245409	41.23	ng	98
10) Phenol	6.50	94	453252	45.21	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	273038	37.49	ng	98
12) 1,3-Dichlorobenzene	6.80	146	328032	37.93	ng	99
13) 1,4-Dichlorobenzene	6.88	146	343427	39.57	ng	99
14) 1,2-Dichlorobenzene	7.04	146	314182	38.62	ng	100
15) Benzyl Alcohol	7.00	79	273511	42.05	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	427336	40.23	ng	99
17) 2-Methylphenol	7.11	107	260684	40.19	ng	99
18) Hexachloroethane	7.38	117	125523	41.36	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	205238	37.33	ng	99
20) 3+4-Methylphenols	7.27	107	293224	36.90	ng	100
22) Acetophenone	7.28	105	442159	42.70	ng	99
24) Nitrobenzene	7.45	77	344629	43.57	ng	99
25) Isophorone	7.69	82	578199	40.19	ng	99
26) 2-Nitrophenol	7.76	139	144869	39.42	ng	98
27) 2,4-Dimethylphenol	7.80	122	321576	42.22	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	356563	39.07	ng	100
29) 2,4-Dichlorophenol	8.00	162	249671	39.91	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	269689	41.17	ng	99
31) Naphthalene	8.17	128	898299	40.41	ng	100
32) Benzoic acid	7.92	122	209138	45.52	ng	94
33) 4-Chloroaniline	8.22	127	368966	38.21	ng	100
34) Hexachlorobutadiene	8.30	225	143968	42.27	ng	99
35) Caprolactam	8.59	113	80083	38.97	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	263035	40.65	ng	99
37) 2-Methylnaphthalene	8.87	142	578873	39.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	243126	39.57	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	137672	38.09	ng	99

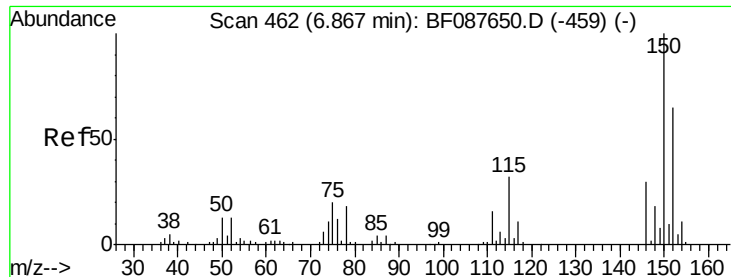
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	181690	39.16	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	186739	43.24	ng	99
45) 1,1'-Biphenyl	9.32	154	648419	35.84	ng	99
46) 2-Chloronaphthalene	9.35	162	522615	36.29	ng	99
47) 2-Nitroaniline	9.44	65	150082	37.01	ng	99
48) Acenaphthylene	9.77	152	903053	40.21	ng	99
49) Dimethylphthalate	9.63	163	666679	41.13	ng	100
50) 2,6-Dinitrotoluene	9.69	165	159227	43.18	ng	92
51) Acenaphthene	9.94	154	581879	40.27	ng	100
52) 3-Nitroaniline	9.85	138	155677	36.91	ng	99
53) 2,4-Dinitrophenol	9.95	184	64419	40.51	ng	99
54) Dibenzofuran	10.11	168	810312	41.19	ng	98
55) 4-Nitrophenol	10.00	139	124334	34.49	ng	98
56) 2,4-Dinitrotoluene	10.09	165	215583	45.91	ng	97
57) Fluorene	10.44	166	567212	36.88	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	144816	38.93	ng	# 55
59) Diethylphthalate	10.33	149	624528	38.37	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	242975	38.84	ng	99
61) 4-Nitroaniline	10.47	138	175516	43.29	ng	98
62) Azobenzene	10.60	77	681516	41.60	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85445	38.96	ng	99
65) n-Nitrosodiphenylamine	10.56	169	501529	38.42	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	174206	44.08	ng	99
67) Hexachlorobenzene	10.99	284	167233	37.84	ng	99
68) Atrazine	11.10	200	162946	42.14	ng	99
69) Pentachlorophenol	11.19	266	114886	43.75	ng	99
70) Phenanthrene	11.40	178	803427	37.18	ng	100
71) Anthracene	11.46	178	917088	42.35	ng	100
72) Carbazole	11.61	167	773835	37.75	ng	100
73) Di-n-butylphthalate	11.95	149	943583	42.94	ng	100
74) Fluoranthene	12.59	202	889177	41.81	ng	99
76) Benzidine	12.72	184	541619	44.20	ng	99
77) Pyrene	12.82	202	927987	41.94	ng	100
79) Butylbenzylphthalate	13.45	149	422757	44.89	ng	99
80) Benzo(a)anthracene	14.01	228	720385	40.17	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	230917	45.64	ng	98
82) Chrysene	14.05	228	736276	41.25	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	491745	43.88	ng	99
84) Di-n-octyl phthalate	14.62	149	860068	41.28	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	637143	43.18	ng	# 100
87) Benzo(b)fluoranthene	15.06	252	1314681	74.01	ng	# 95
88) Benzo(k)fluoranthene	15.06	252	1315196	88.99	ng	100
89) Benzo(a)pyrene	15.38	252	608505	40.75	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	533660	42.00	ng	99
91) Benzo(g,h,i)perylene	17.26	276	538810	42.03	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: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

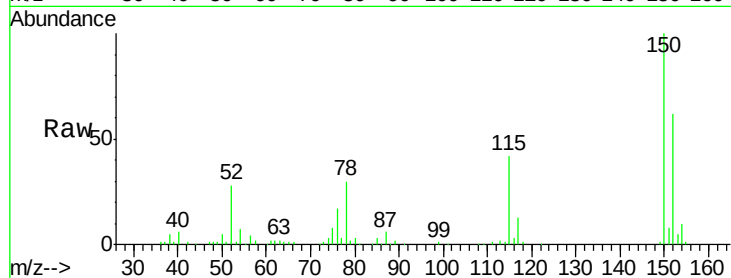
Tgt Ion:152 Resp: 113462

Ion Ratio Lower Upper

152 100

150 161.1 123.8 185.6

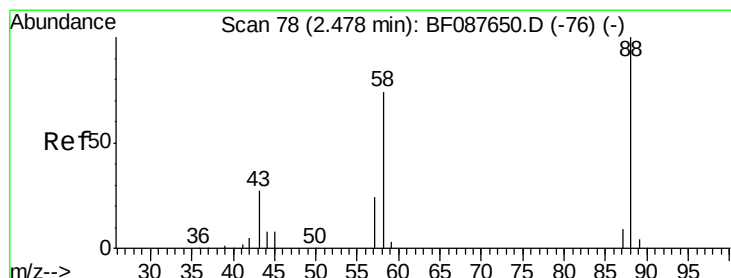
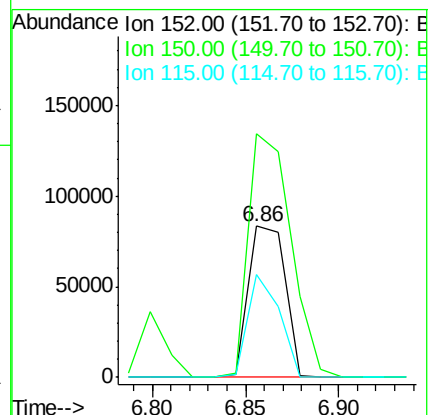
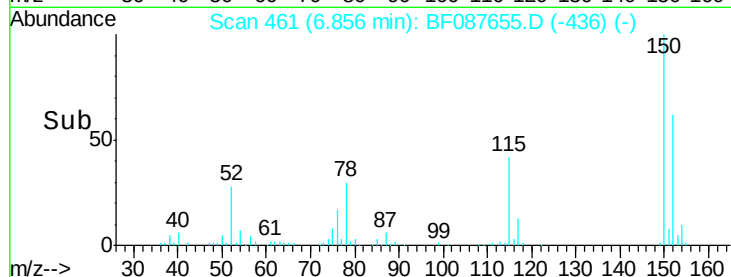
115 67.7 39.6 59.4#



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: 40.30 ng

RT: 2.48 min Scan# 78

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

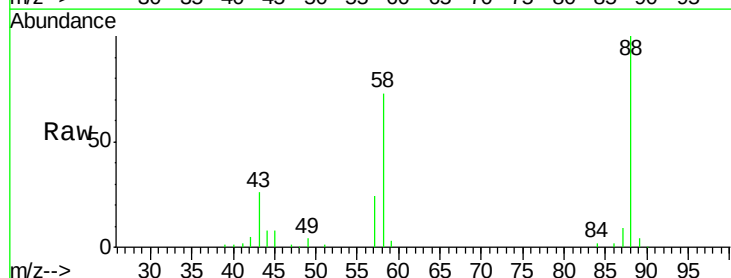
Tgt Ion: 88 Resp: 136755

Ion Ratio Lower Upper

88 100

58 75.2 0.0 0.0#

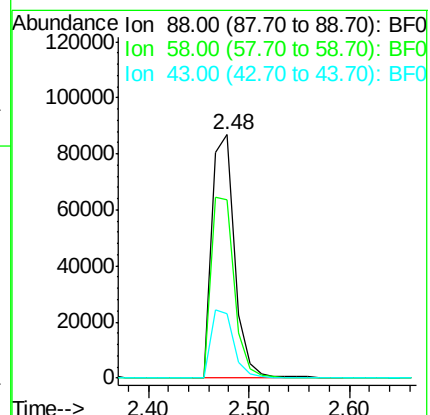
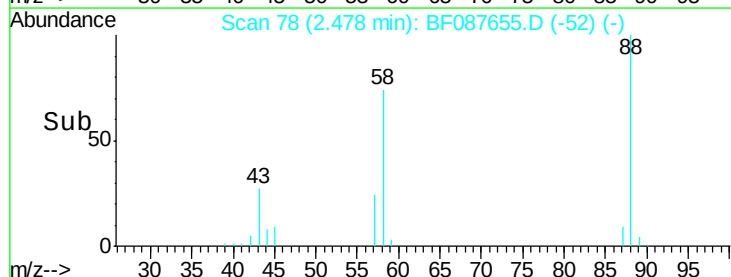
43 27.4 3.4 5.2#

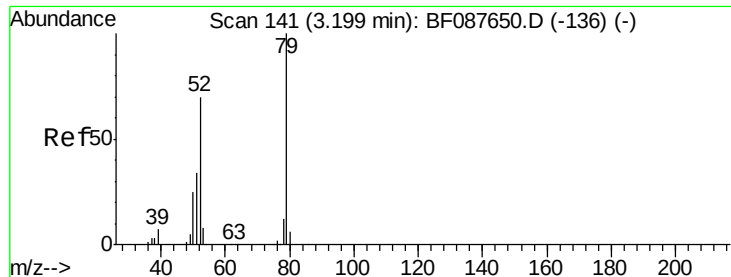


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.87 ng

RT: 3.19 min Scan# 140

Delta R.T. -0.01 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

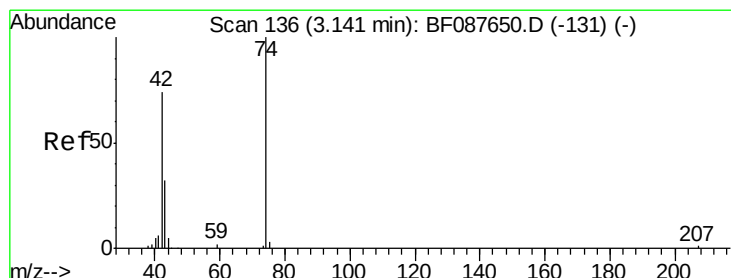
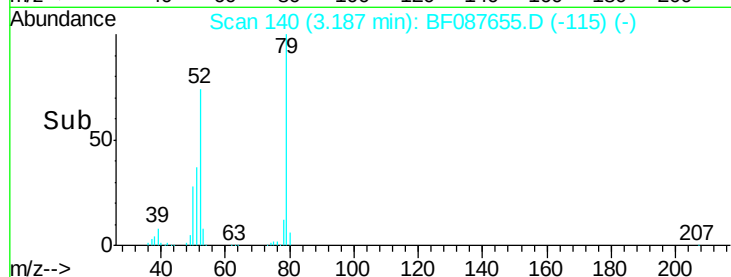
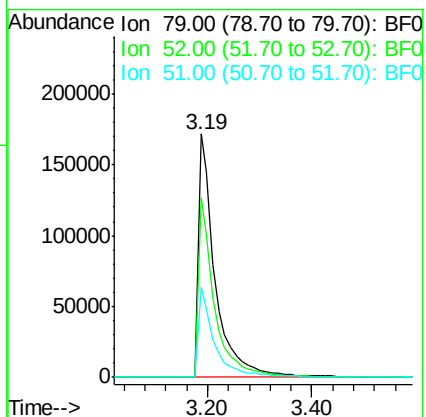
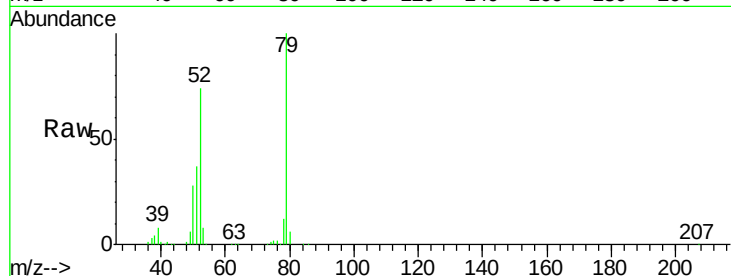
Tgt Ion: 79 Resp: 384281

Ion Ratio Lower Upper

79 100

52 74.0 56.3 84.5

51 36.8 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 40.00 ng

RT: 3.14 min Scan# 136

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

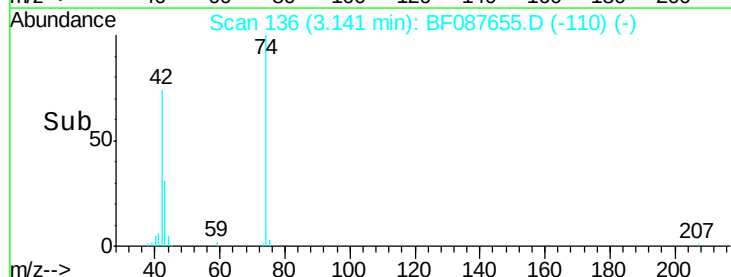
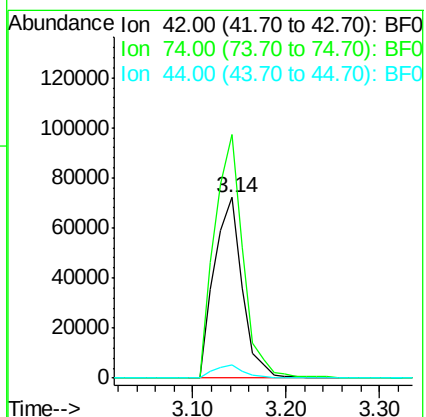
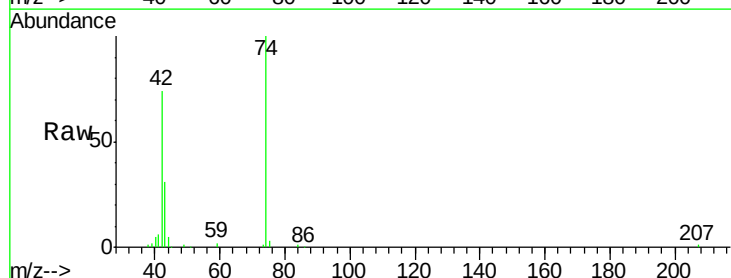
Tgt Ion: 42 Resp: 151472

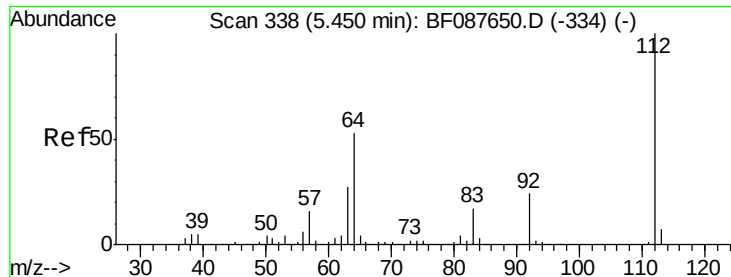
Ion Ratio Lower Upper

42 100

74 134.8 108.6 163.0

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 84.27 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

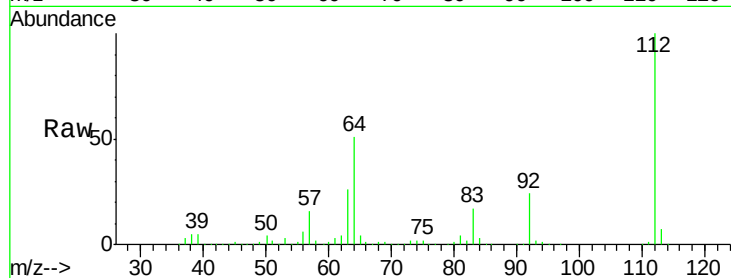
Tgt Ion: 112 Resp: 591540

Ion Ratio Lower Upper

112 100

64 51.2 42.2 63.2

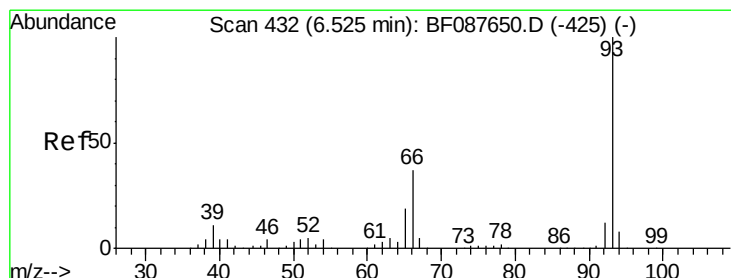
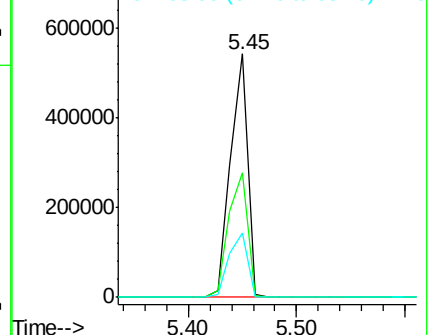
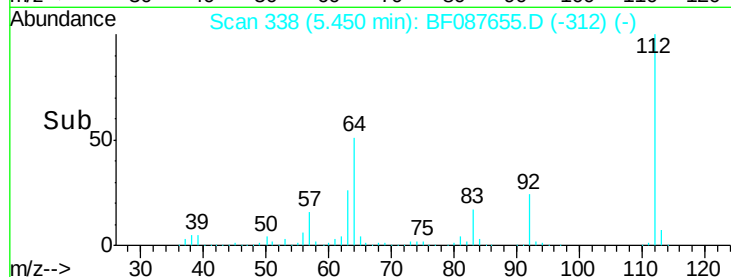
63 26.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.49 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

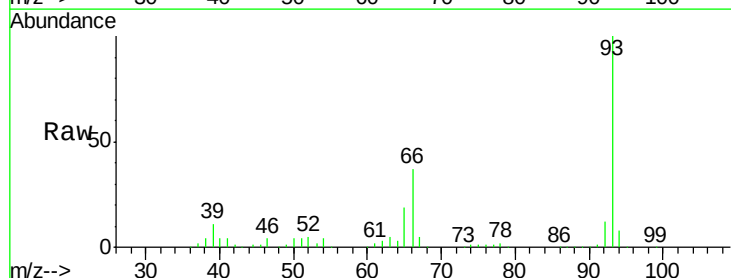
Tgt Ion: 93 Resp: 505207

Ion Ratio Lower Upper

93 100

66 37.2 29.8 44.8

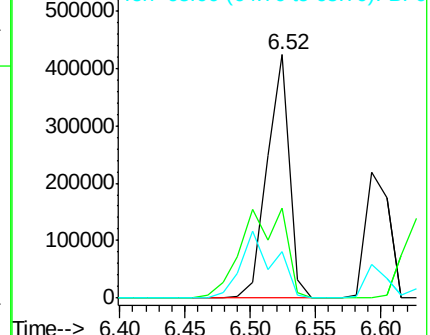
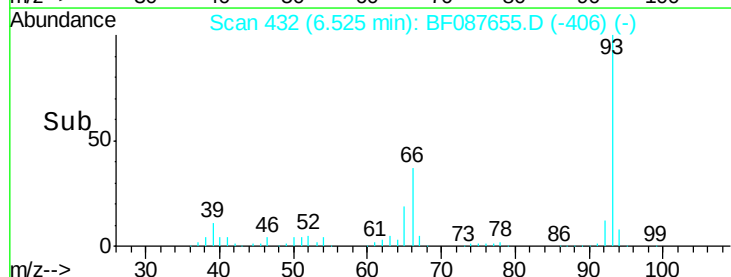
65 19.2 14.9 22.3

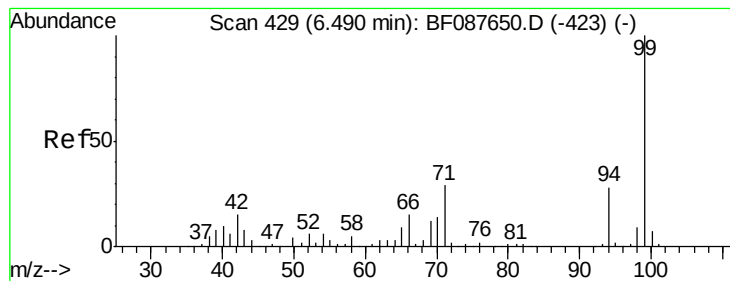


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.53 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

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ClientSampleId :

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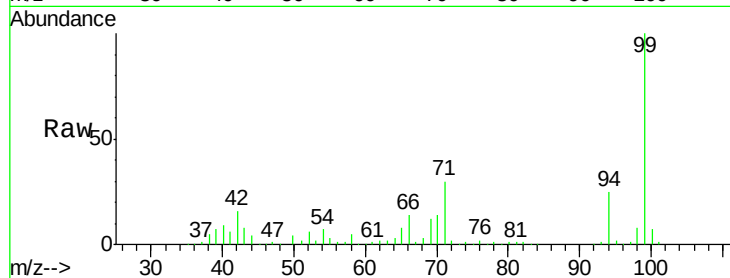
Tgt Ion: 99 Resp: 726560

Ion Ratio Lower Upper

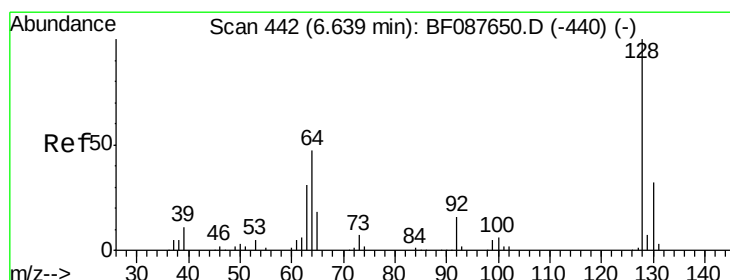
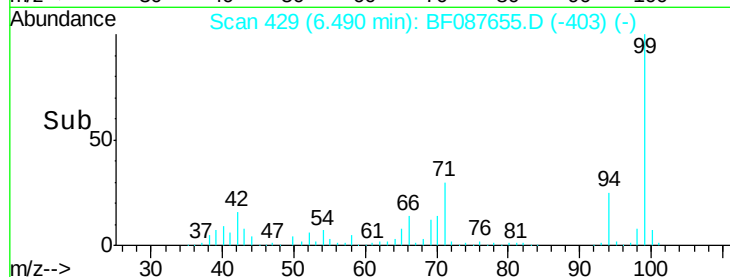
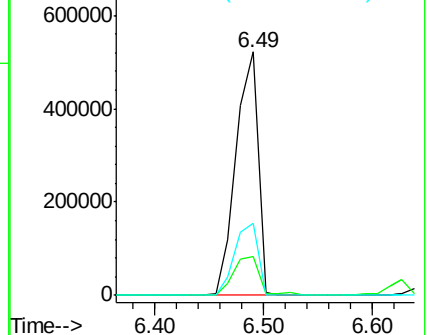
99 100

42 15.7 12.2 18.2

71 29.8 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: 38.49 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

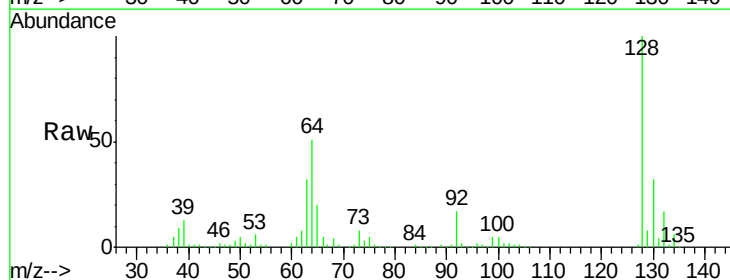
Tgt Ion: 128 Resp: 310944

Ion Ratio Lower Upper

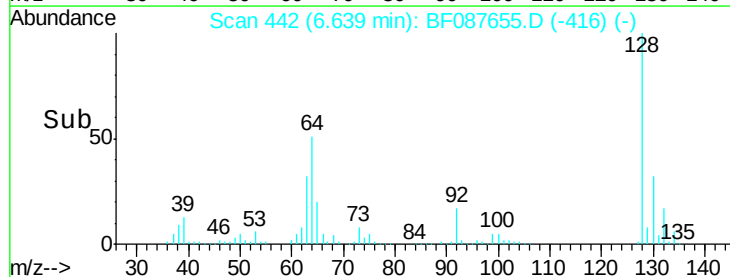
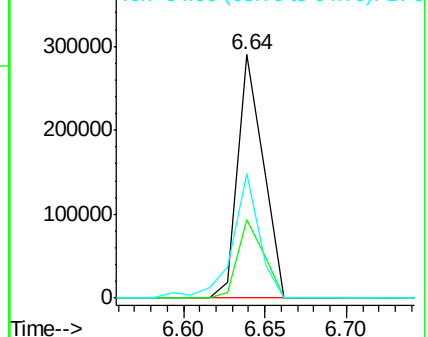
128 100

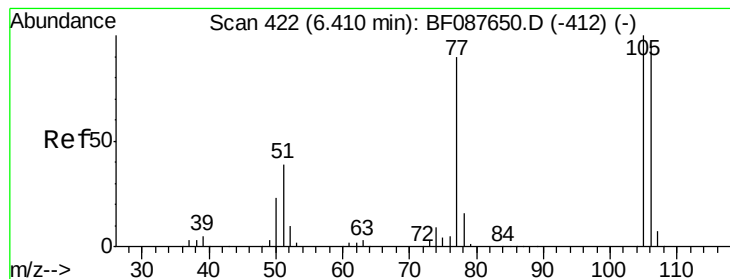
130 32.3 12.0 52.0

64 51.4 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: 41.23 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

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ICVBF060416

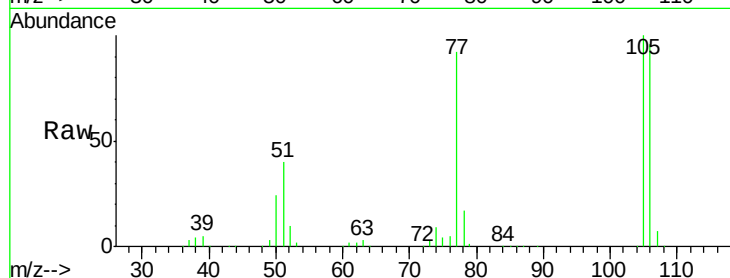
Tgt Ion: 77 Resp: 245409

Ion Ratio Lower Upper

77 100

105 108.4 90.6 130.6

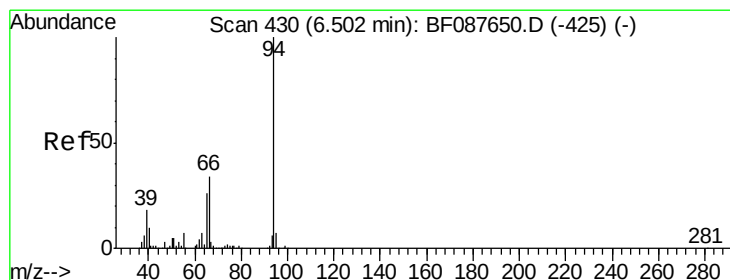
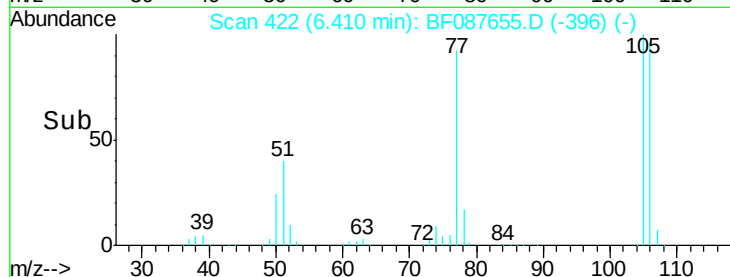
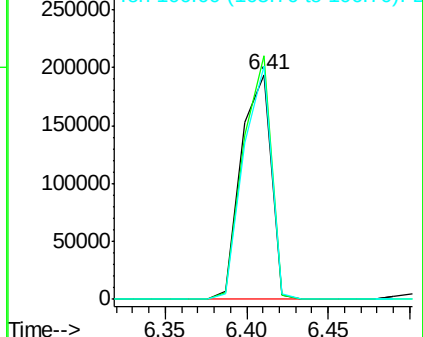
106 103.9 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.21 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

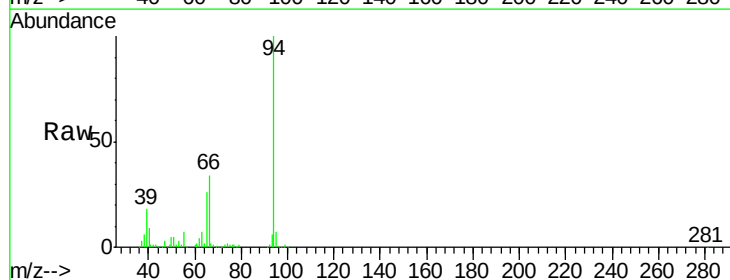
Tgt Ion: 94 Resp: 453252

Ion Ratio Lower Upper

94 100

65 25.8 5.9 45.9

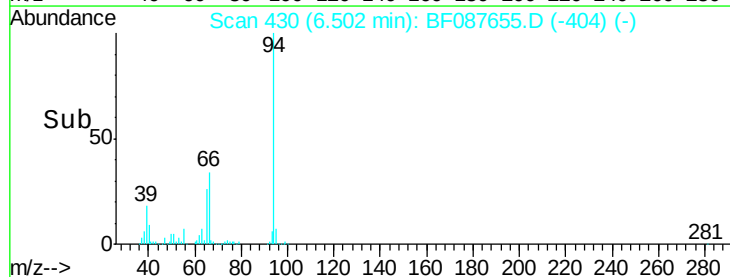
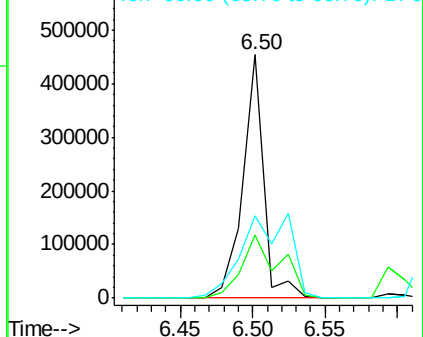
66 33.8 14.0 54.0

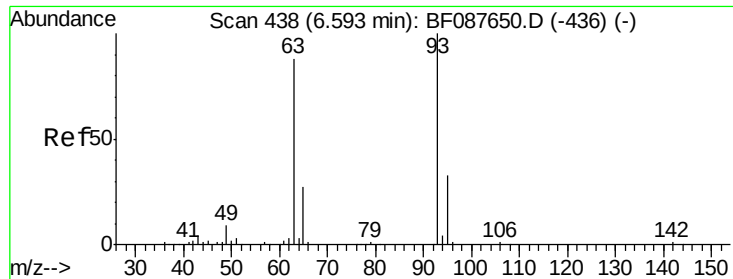


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.49 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

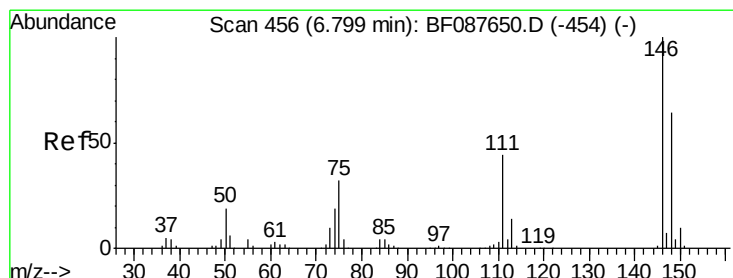
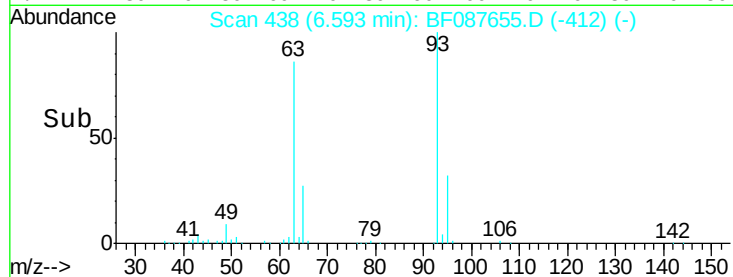
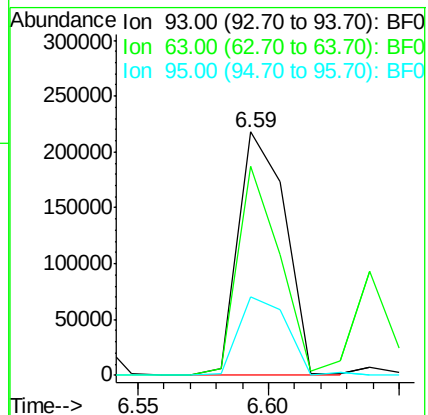
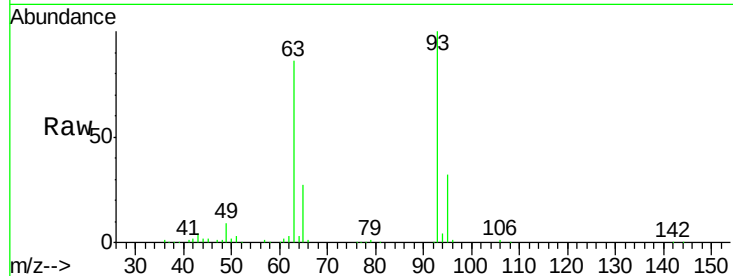
Tgt Ion: 93 Resp: 273038

Ion Ratio Lower Upper

93 100

63 85.8 67.6 107.6

95 32.1 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 37.93 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

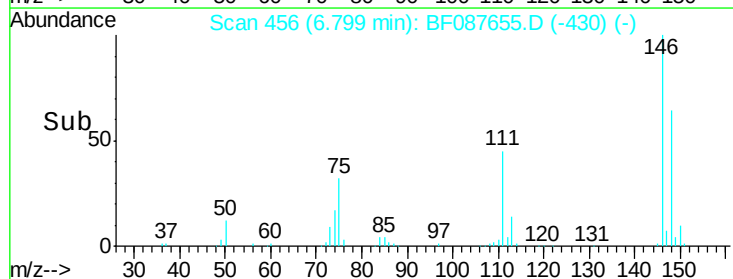
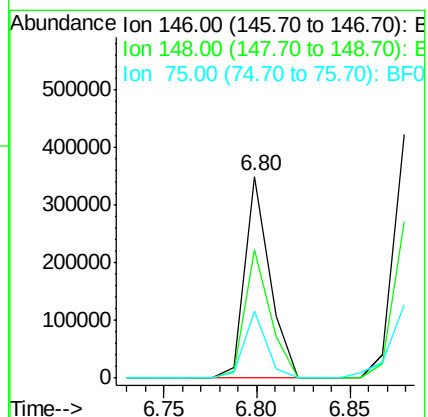
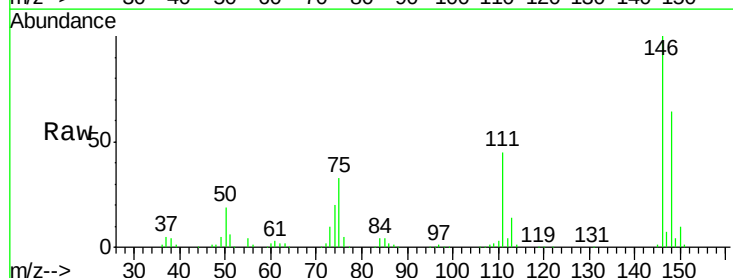
Tgt Ion: 146 Resp: 328032

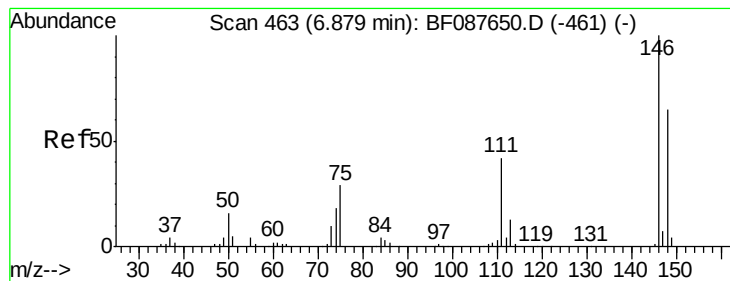
Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

75 32.9 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 39.57 ng

RT: 6.88 min Scan# 463

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

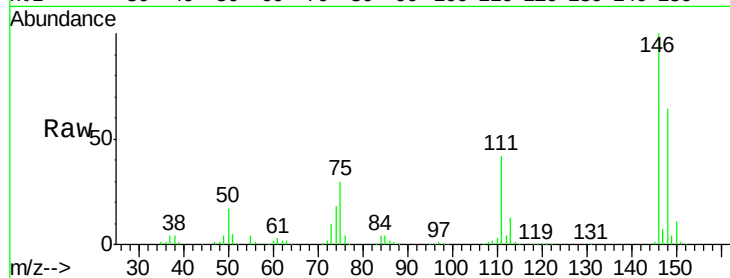
Tgt Ion:146 Resp: 343427

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 41.7 33.8 50.8



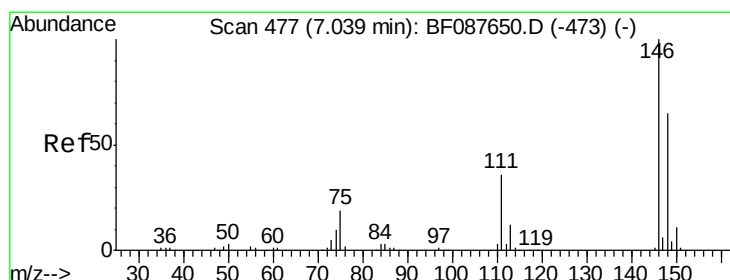
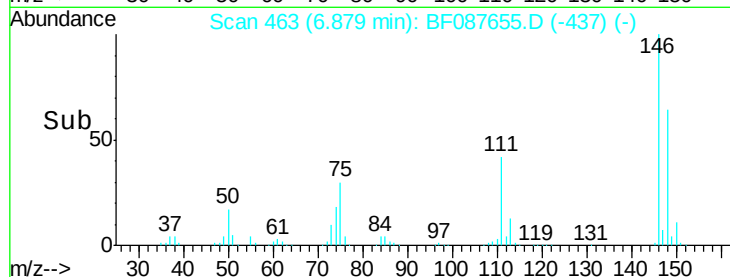
Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

6.88

Time-->



#14

1,2-Dichlorobenzene

Concen: 38.62 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

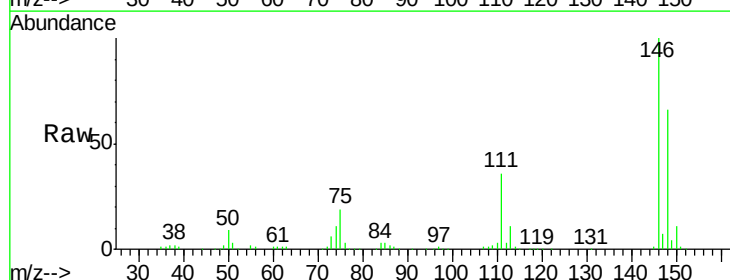
Tgt Ion:146 Resp: 314182

Ion Ratio Lower Upper

146 100

148 65.6 52.3 78.5

111 35.8 28.7 43.1



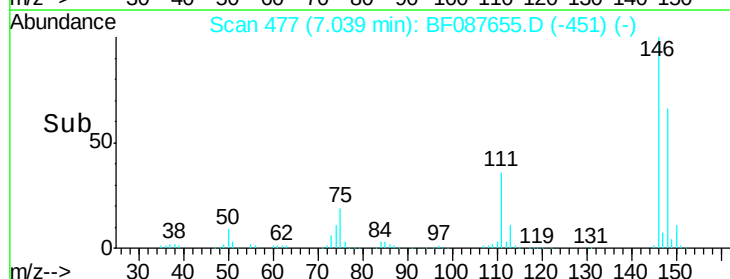
Abundance Ion 146.00 (145.70 to 146.70): E

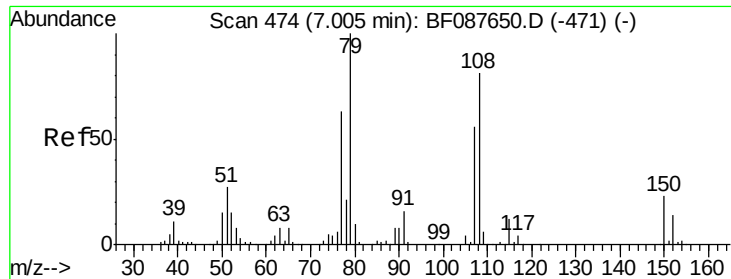
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

7.04

Time-->





#15

Benzyl Alcohol

Concen: 42.05 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

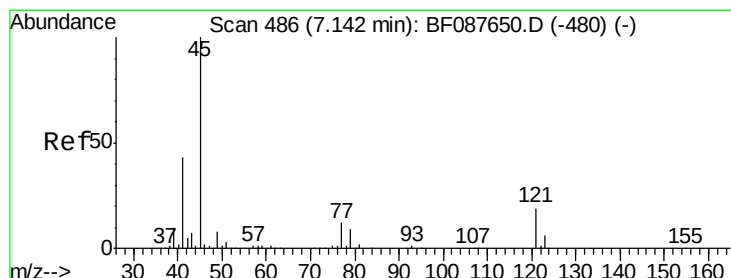
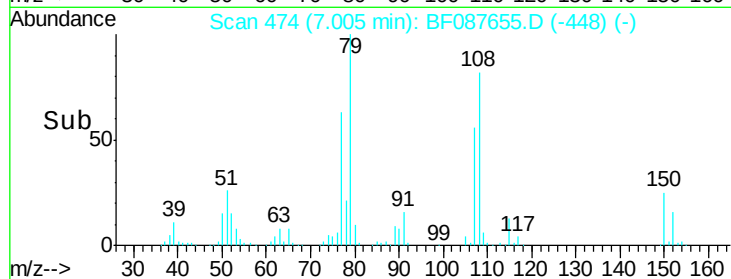
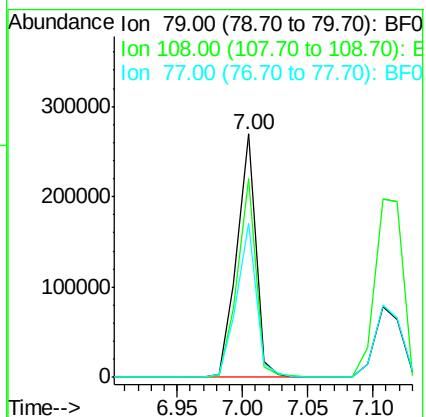
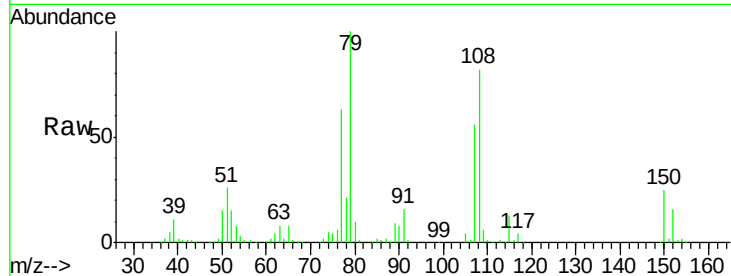
Tgt Ion: 79 Resp: 273511

Ion Ratio Lower Upper

79 100

108 81.5 65.0 97.6

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.23 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

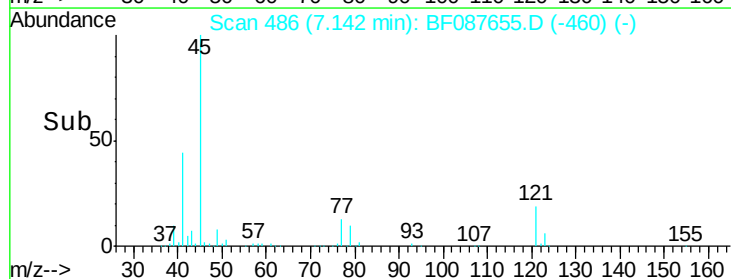
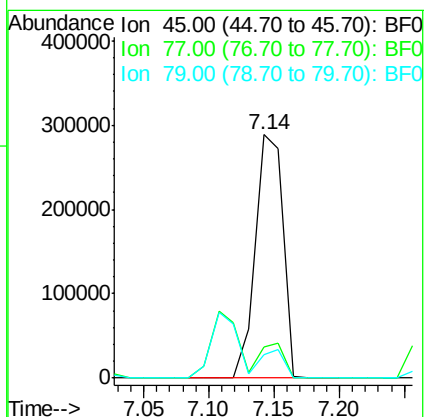
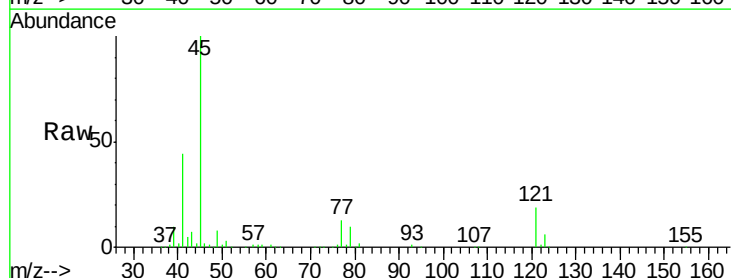
Tgt Ion: 45 Resp: 427336

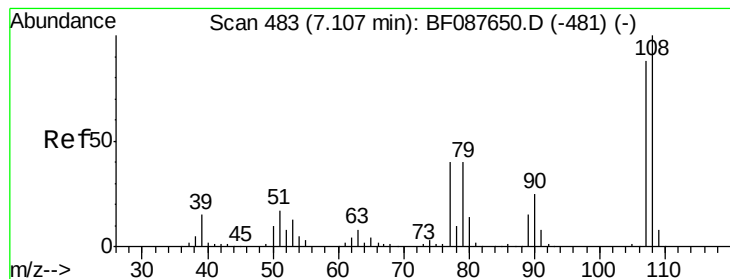
Ion Ratio Lower Upper

45 100

77 12.8 0.0 32.5

79 9.7 0.0 29.5





#17

2-Methylphenol

Concen: 40.19 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

Tgt Ion:107 Resp: 260684

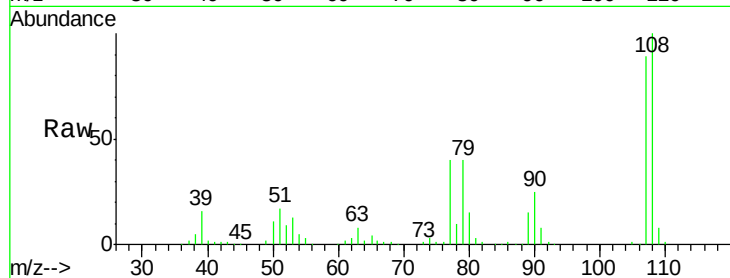
Ion Ratio Lower Upper

107 100

108 112.9 90.9 136.3

77 45.7 36.6 55.0

79 44.8 36.5 54.7

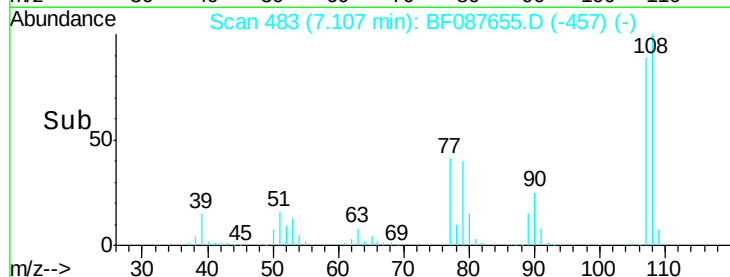


Abundance Ion 107.00 (106.70 to 107.70): E

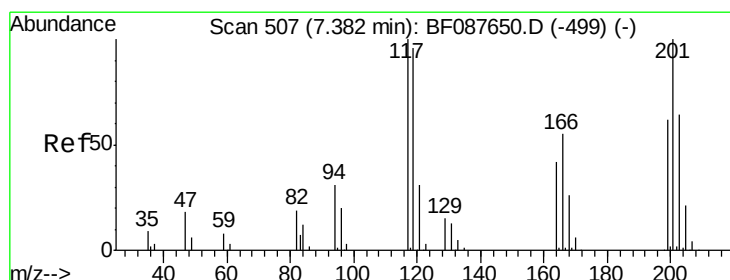
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.36 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

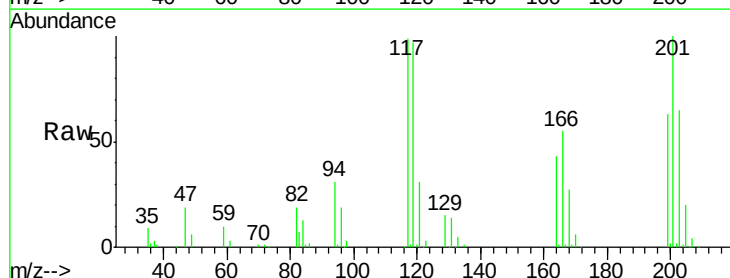
Tgt Ion:117 Resp: 125523

Ion Ratio Lower Upper

117 100

119 98.2 77.4 116.2

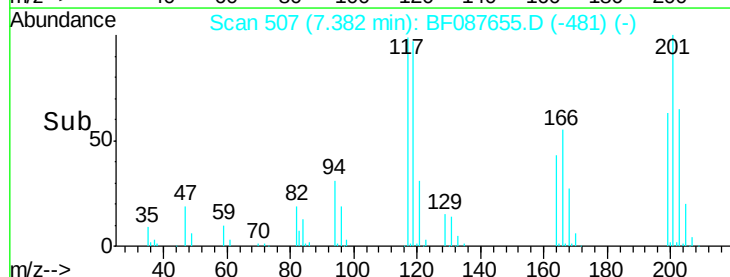
201 101.3 80.4 120.6



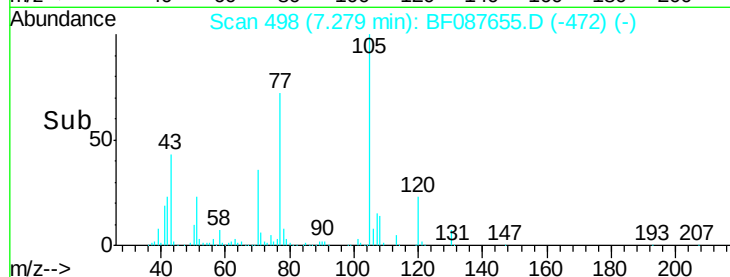
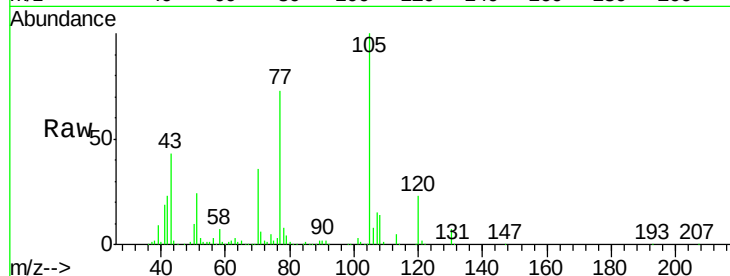
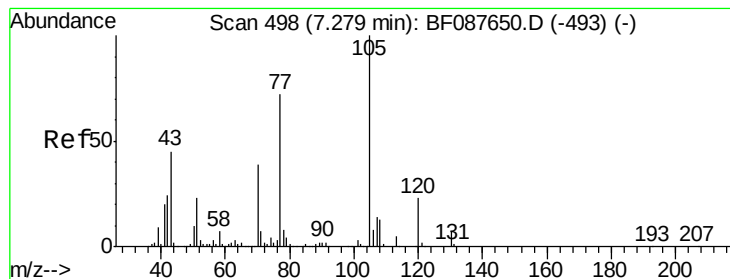
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 37.33 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

Tgt Ion: 70 Resp: 205238

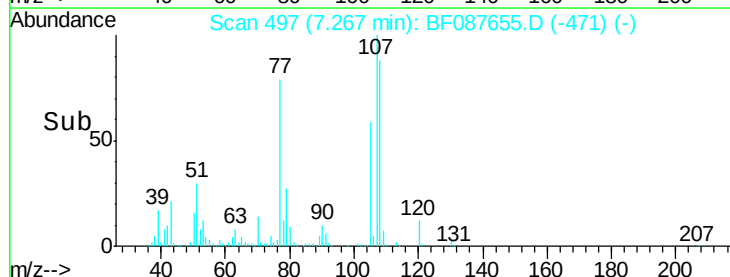
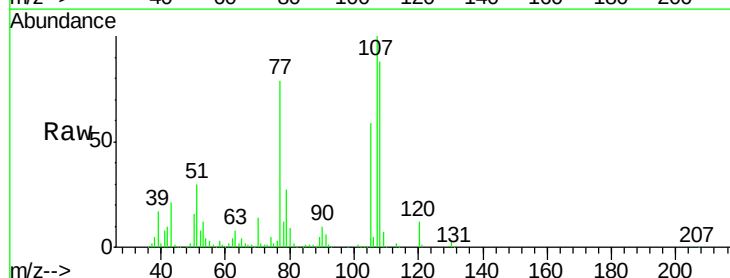
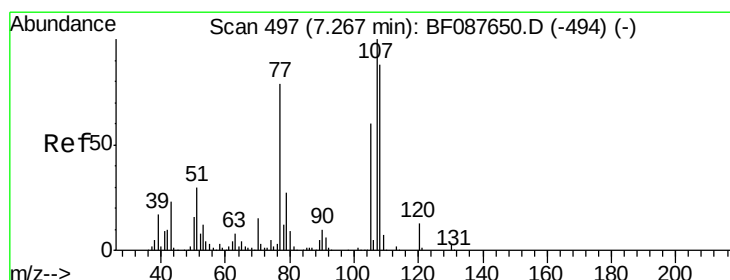
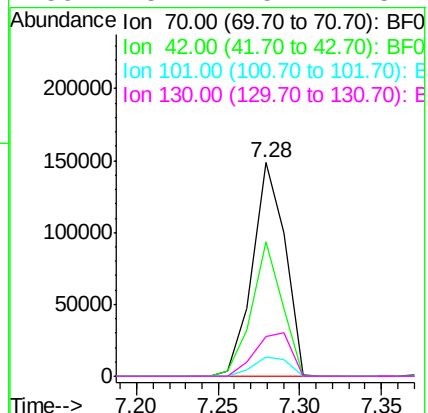
Ion Ratio Lower Upper

70 100

42 63.2 49.6 74.4

101 8.8 7.1 10.7

130 18.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 36.90 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion: 107 Resp: 293224

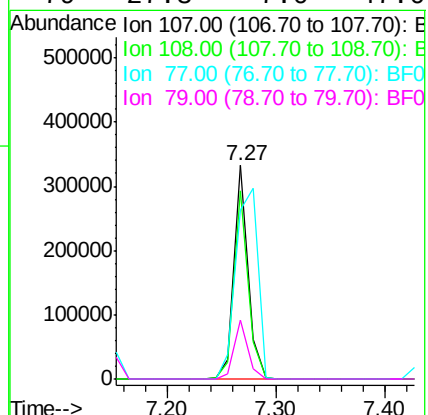
Ion Ratio Lower Upper

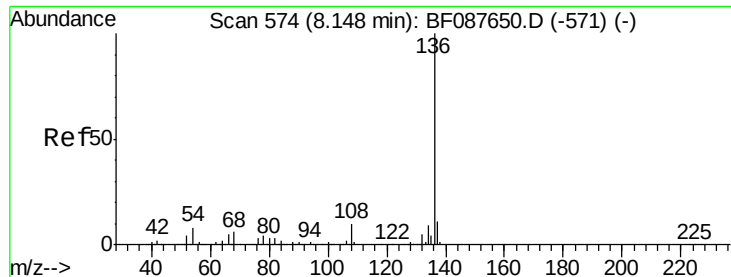
107 100

108 88.3 67.8 107.8

77 79.2 59.3 99.3

79 27.3 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: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

Tgt Ion:136 Resp: 457228

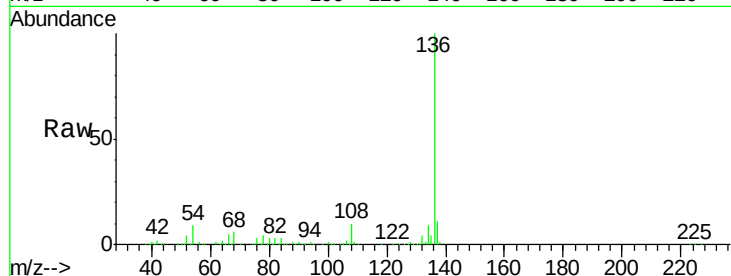
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.6 6.6 10.0

68 6.5 5.1 7.7

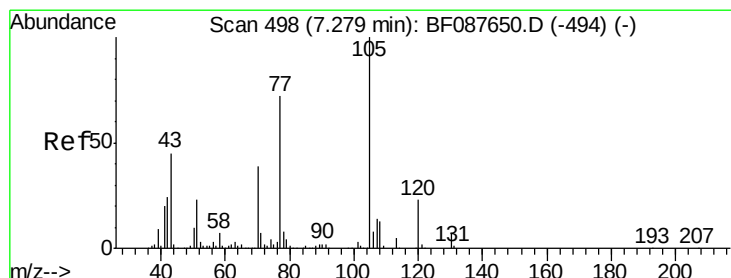
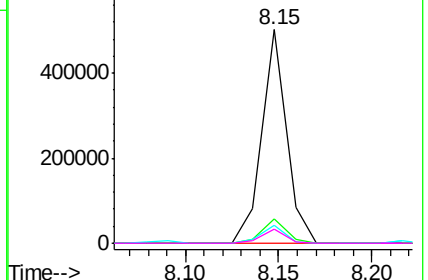
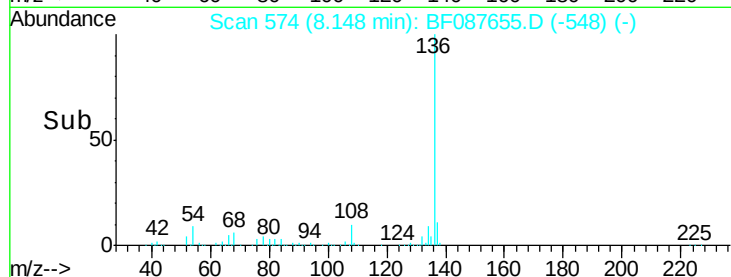


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.70 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:105 Resp: 442159

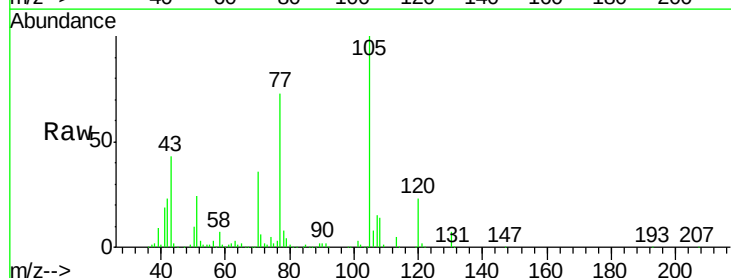
Ion Ratio Lower Upper

105 100

71 6.2 5.3 7.9

51 23.8 18.2 27.4

120 22.7 18.0 27.0

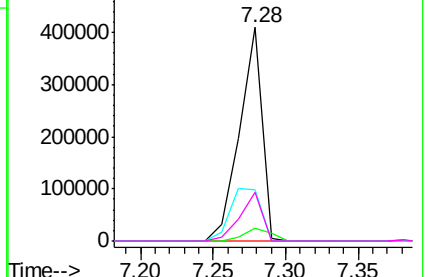
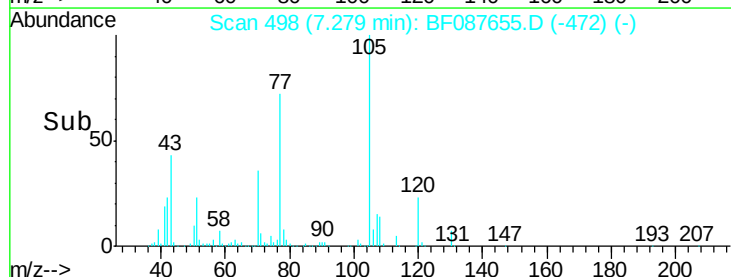


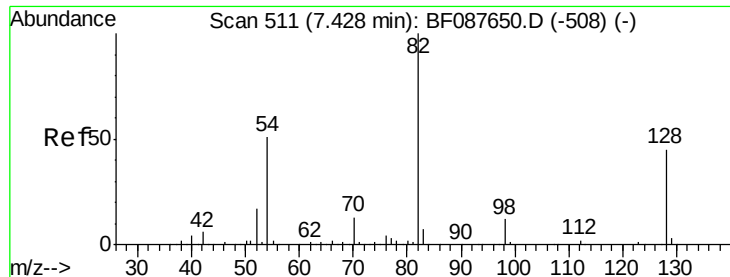
Abundance Ion 105.00 (104.70 to 105.70): E

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: 79.06 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

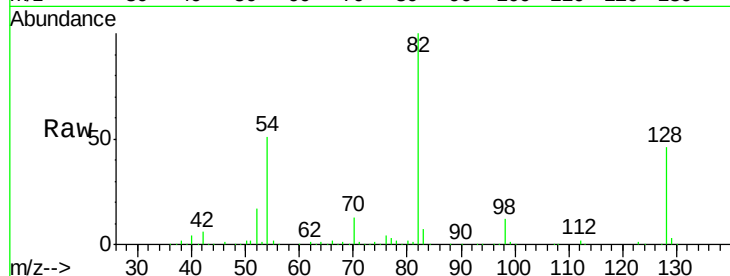
Tgt Ion: 82 Resp: 624812

Ion Ratio Lower Upper

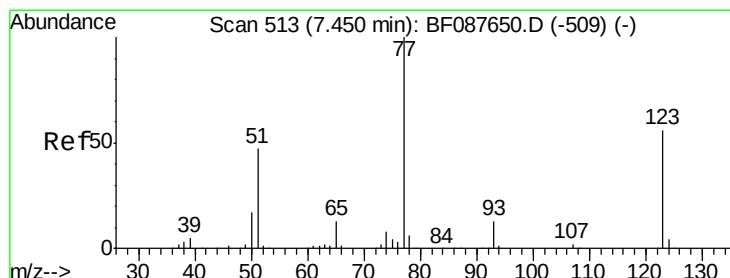
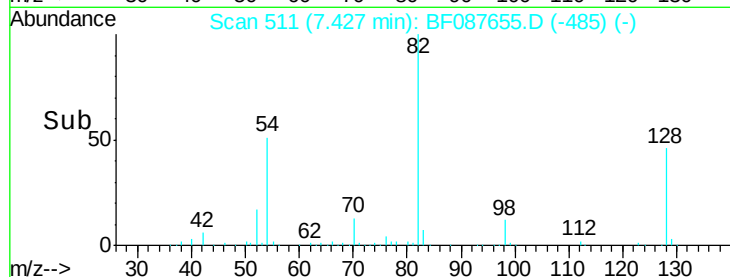
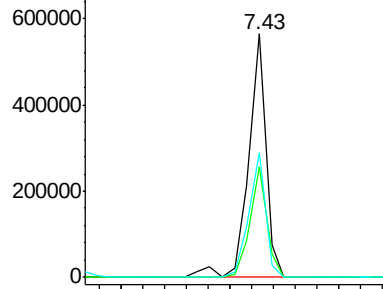
82 100

128 45.5 35.9 53.9

54 51.4 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: 43.57 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

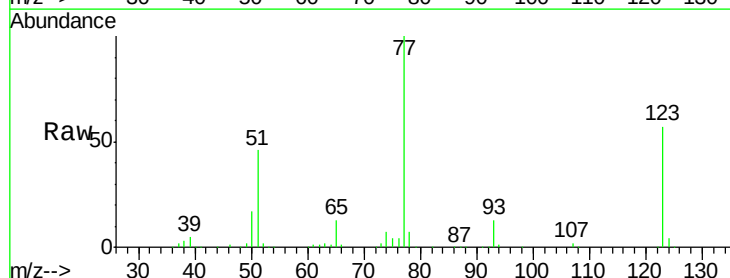
Tgt Ion: 77 Resp: 344629

Ion Ratio Lower Upper

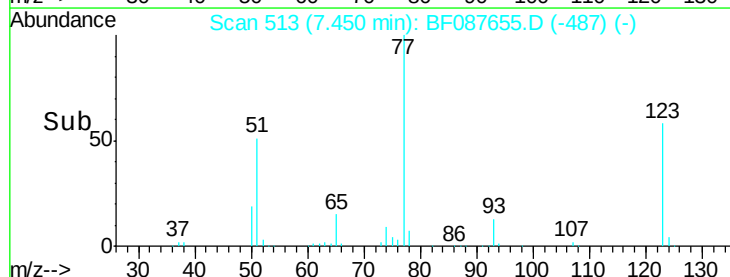
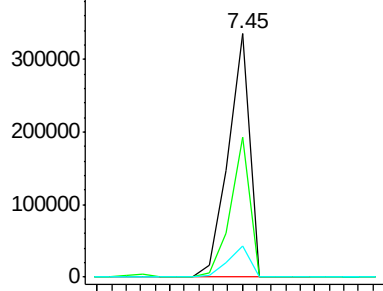
77 100

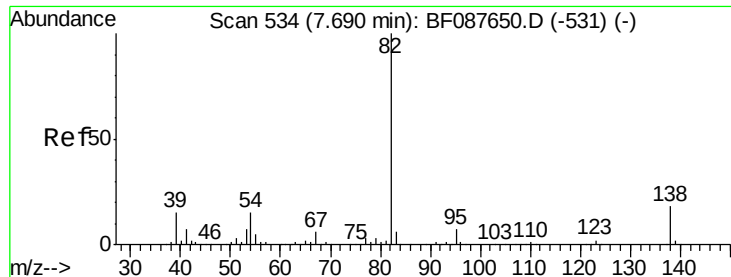
123 57.2 45.0 67.4

65 13.0 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: 40.19 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

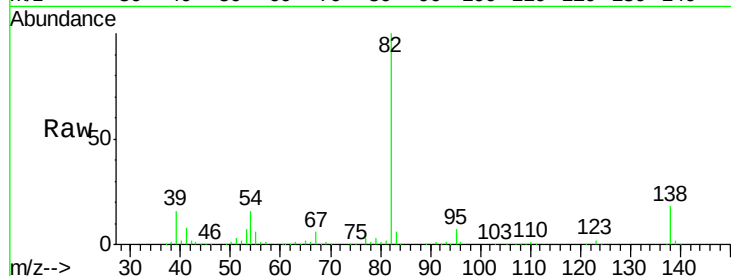
Tgt Ion: 82 Resp: 578199

Ion Ratio Lower Upper

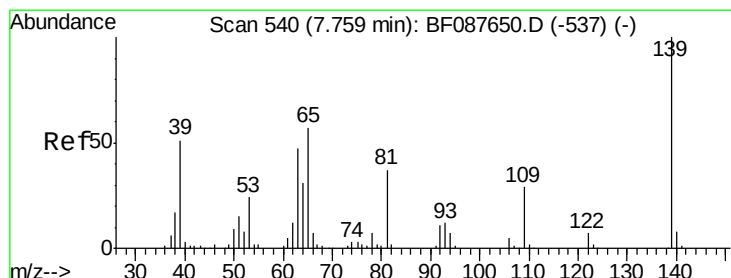
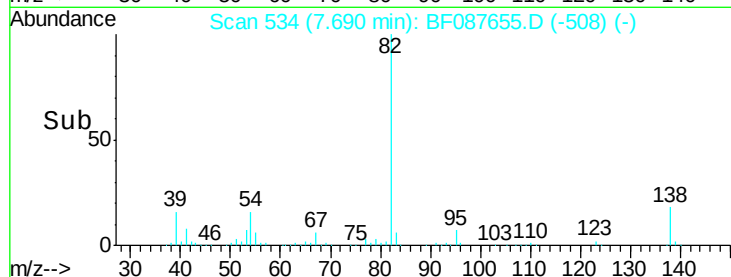
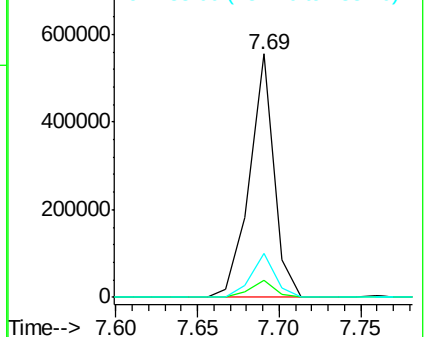
82 100

95 6.9 5.4 8.2

138 17.9 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: 39.42 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

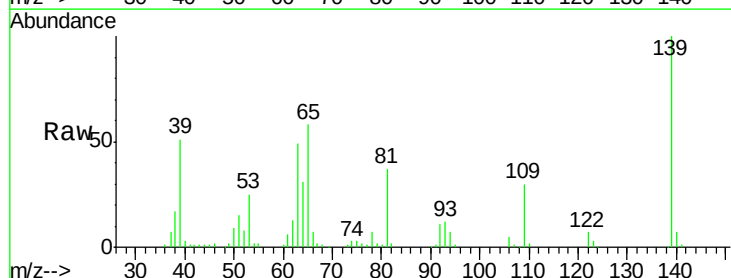
Tgt Ion: 139 Resp: 144869

Ion Ratio Lower Upper

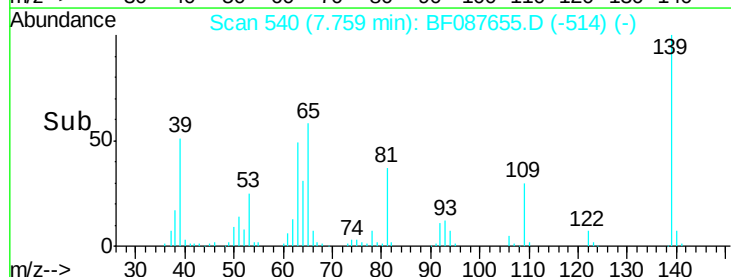
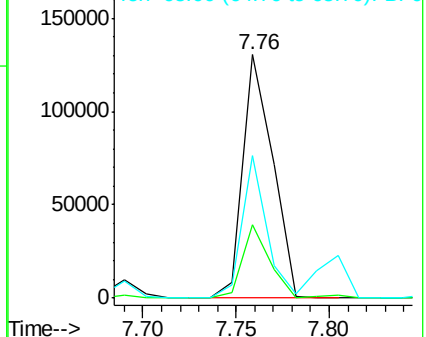
139 100

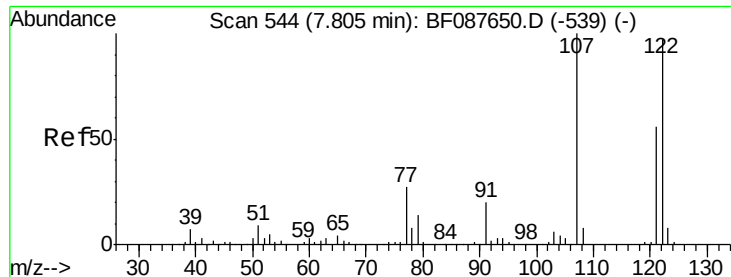
109 29.9 23.0 34.4

65 58.4 45.8 68.8



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

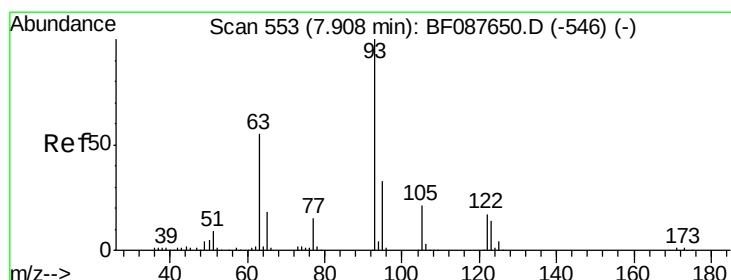
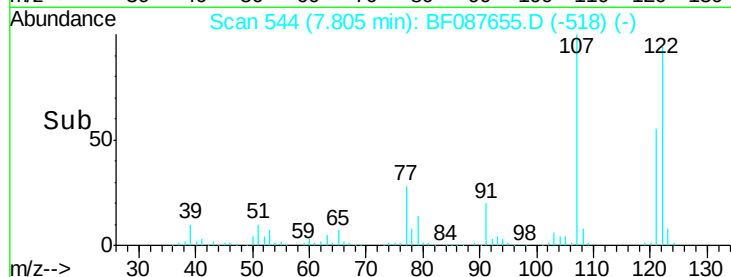
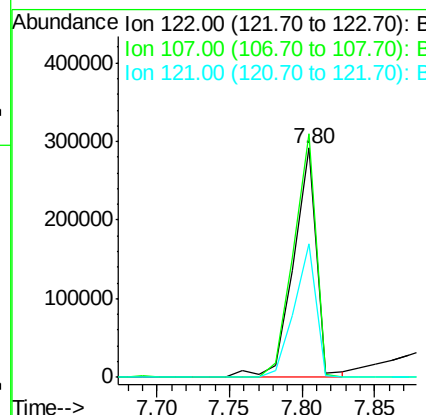
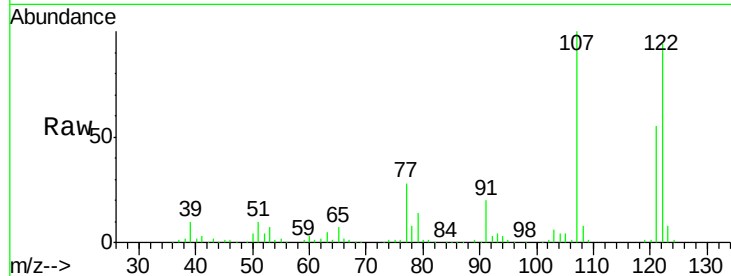




#27
 2,4-Dimethylphenol
 Concen: 42.22 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

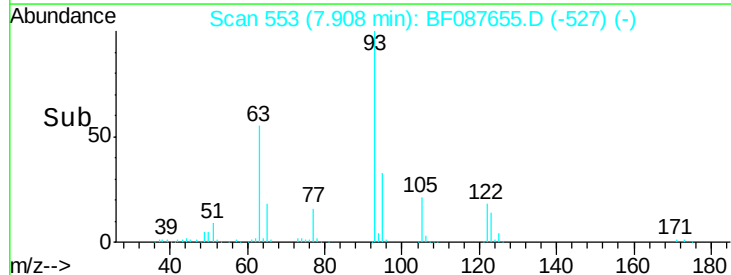
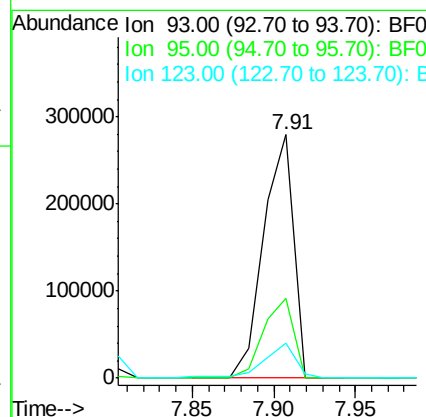
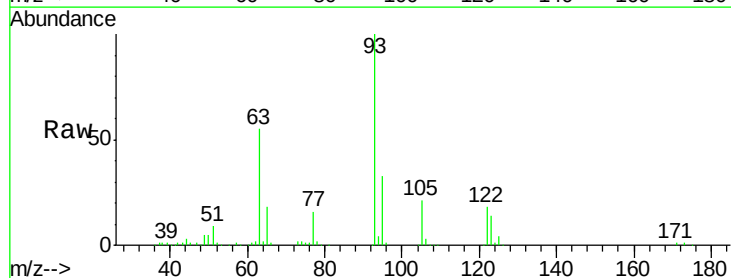
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

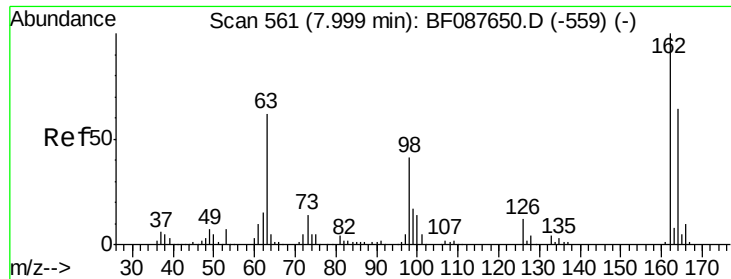
Tgt Ion: 122 Resp: 321576
 Ion Ratio Lower Upper
 122 100
 107 106.3 82.4 123.6
 121 58.4 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.07 ng
 RT: 7.91 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion: 93 Resp: 356563
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 14.4 11.6 17.4

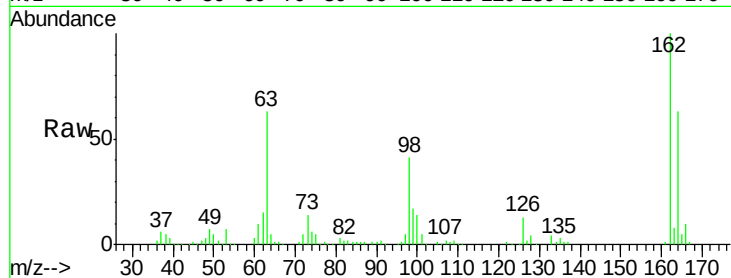




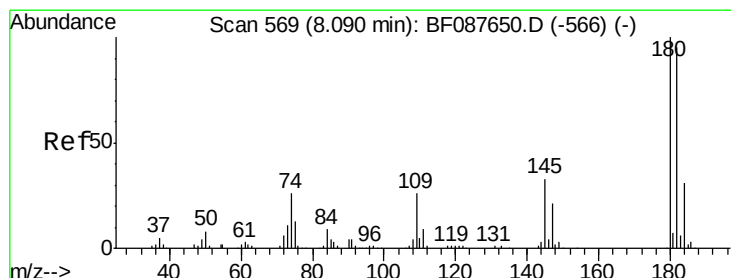
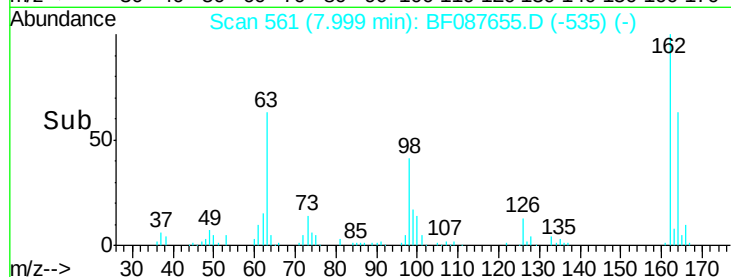
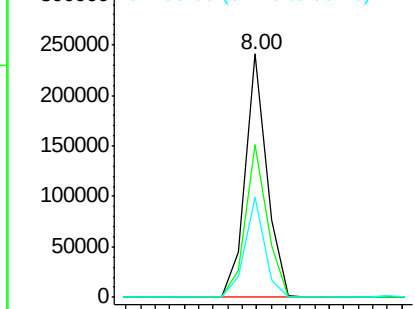
#29
2,4-Dichlorophenol
Concen: 39.91 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tgt Ion:162 Resp: 249671
Ion Ratio Lower Upper
162 100
164 62.9 43.8 83.8
98 41.1 21.3 61.3

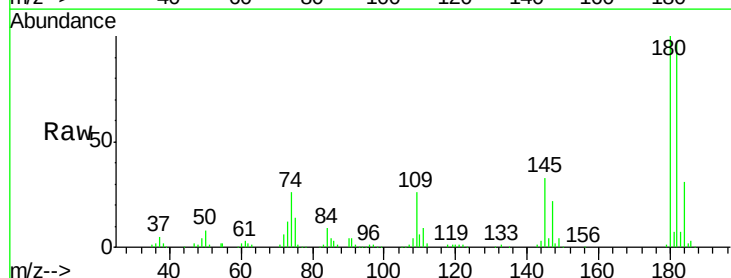


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

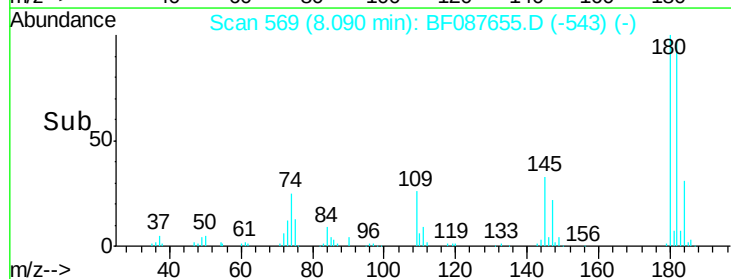
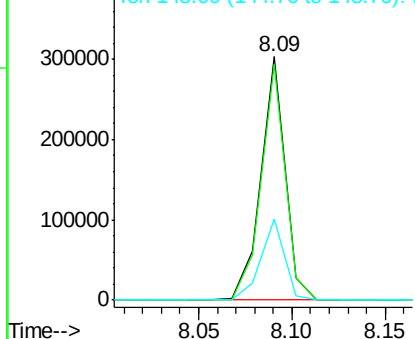


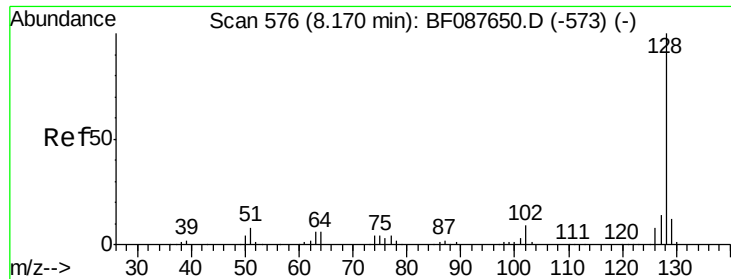
#30
1,2,4-Trichlorobenzene
Concen: 41.17 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:180 Resp: 269689
Ion Ratio Lower Upper
180 100
182 96.6 76.0 114.0
145 33.1 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

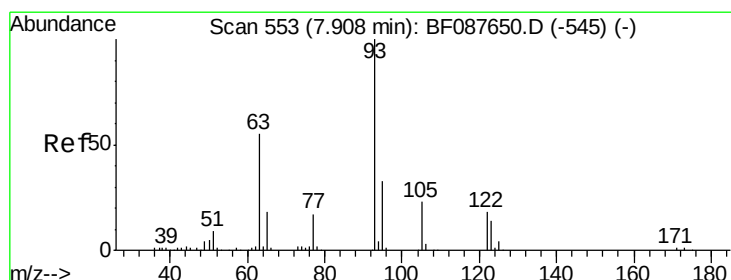
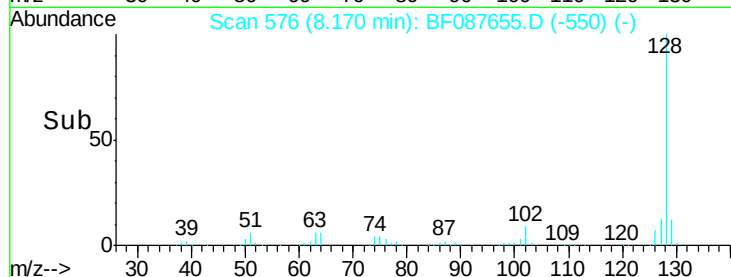
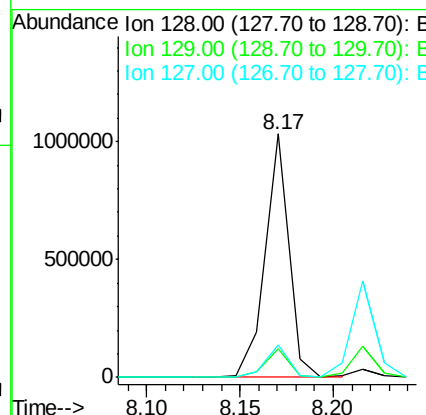
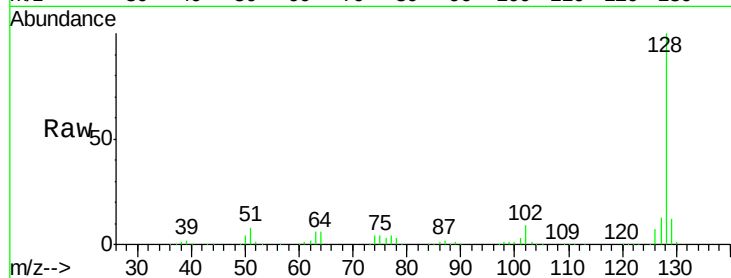




#31
Naphthalene
Concen: 40.41 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

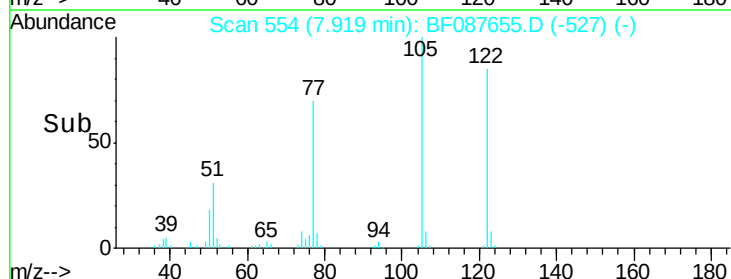
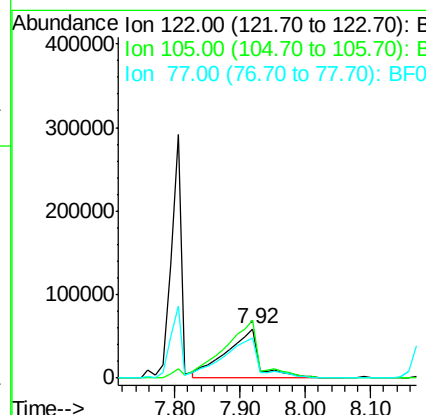
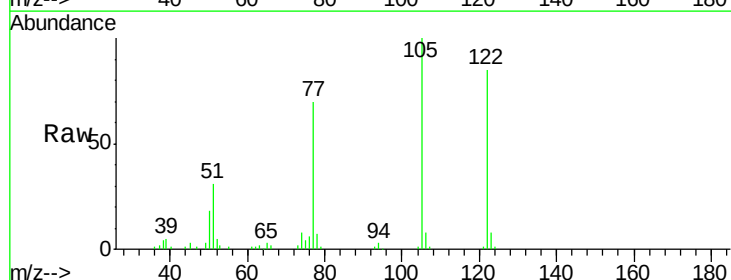
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

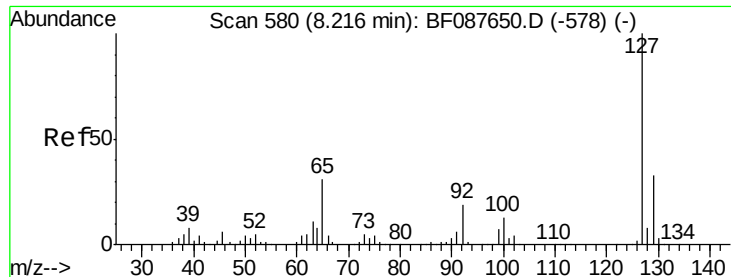
Tgt Ion:128 Resp: 898299
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 45.52 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:122 Resp: 209138
Ion Ratio Lower Upper
122 100
105 117.6 101.6 141.6
77 82.1 70.6 110.6

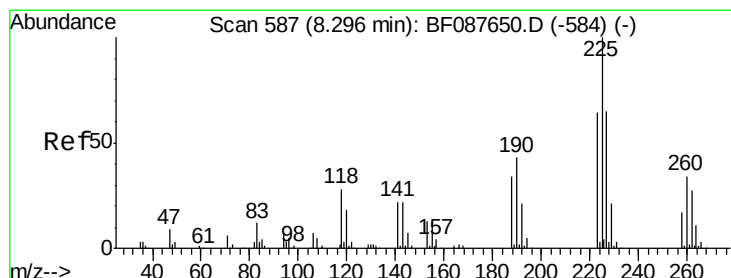
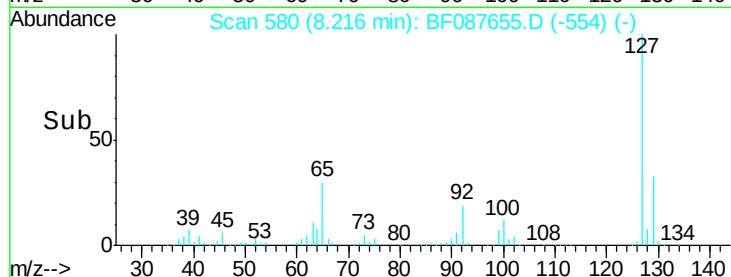
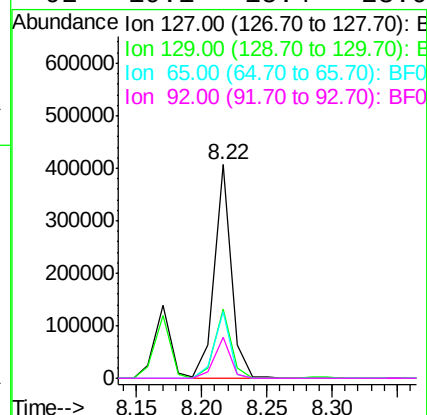
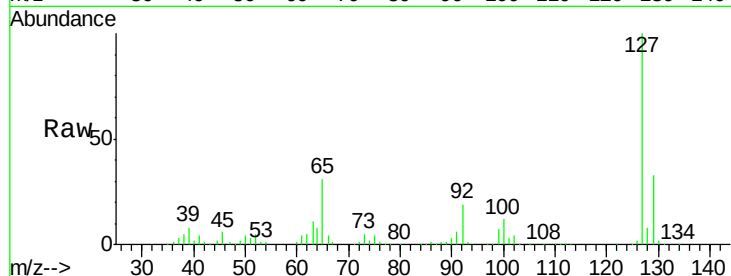




#33
4-Chloroaniline
Concen: 38.21 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

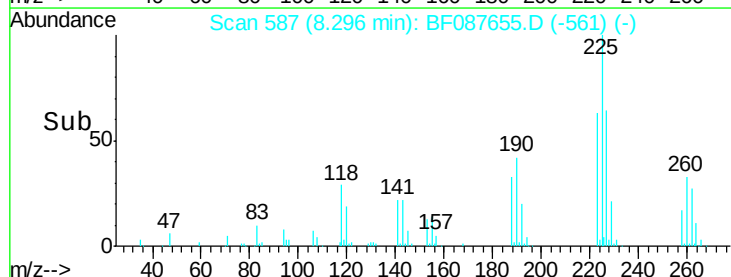
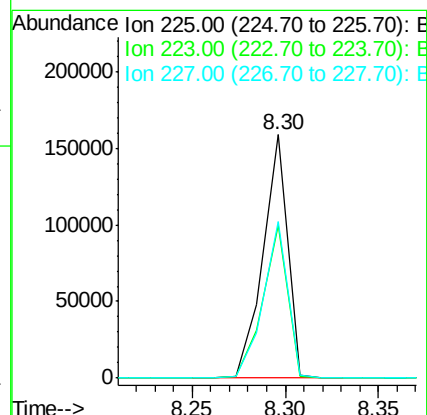
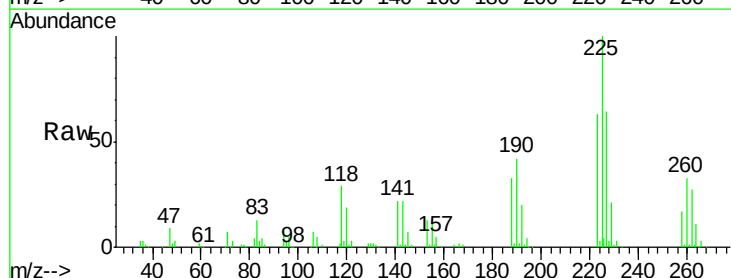
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

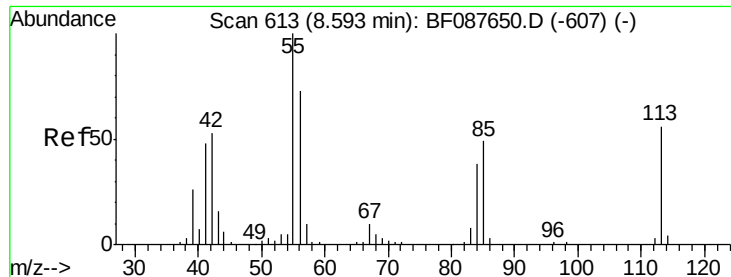
Tgt Ion:	127	Resp:	368966
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	30.9	24.7	37.1
92	19.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 42.27 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:	225	Resp:	143968
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.9	76.3
227	64.4	51.9	77.9

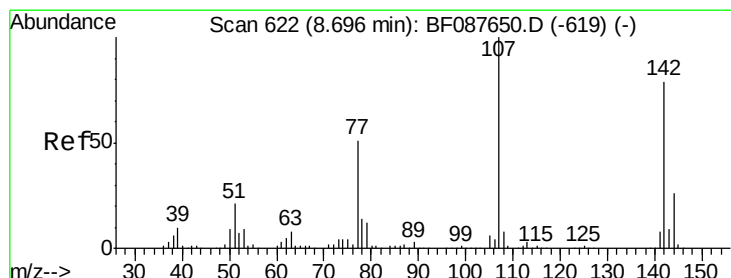
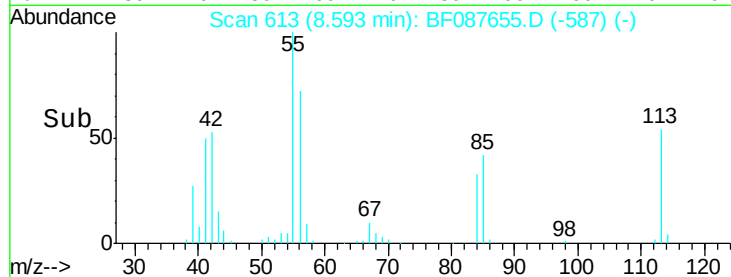
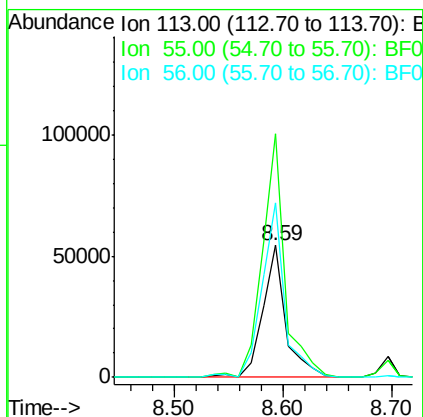
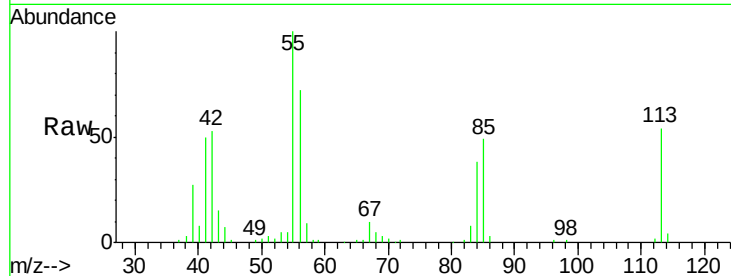




#35
 Caprolactam
 Concen: 38.97 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

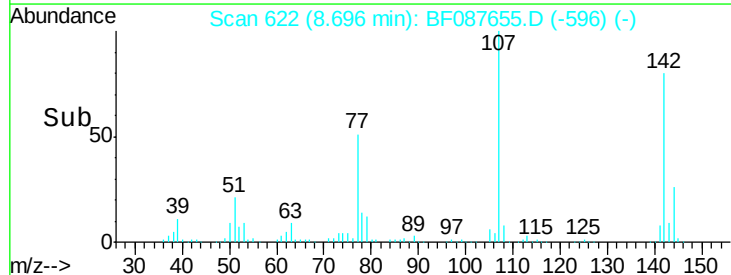
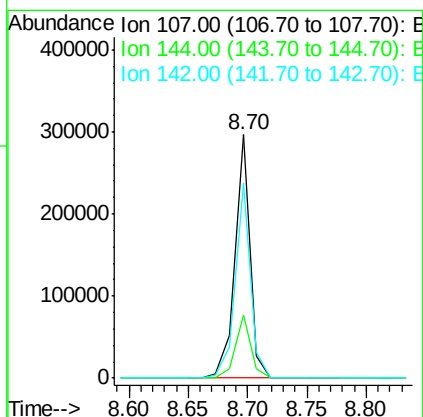
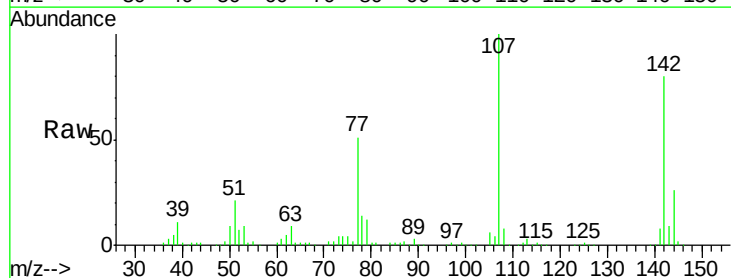
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

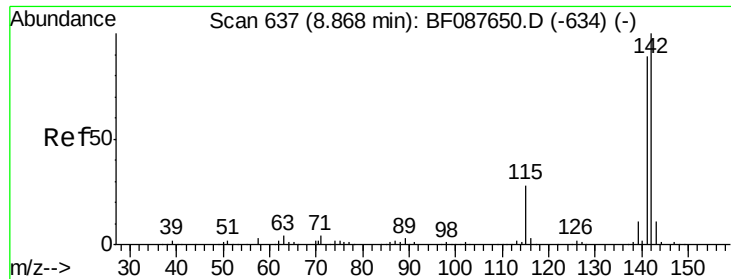
Tgt Ion:113 Resp: 80083
 Ion Ratio Lower Upper
 113 100
 55 184.6 158.6 198.6
 56 132.6 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.65 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:107 Resp: 263035
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.8 31.2
 142 79.9 63.4 95.2

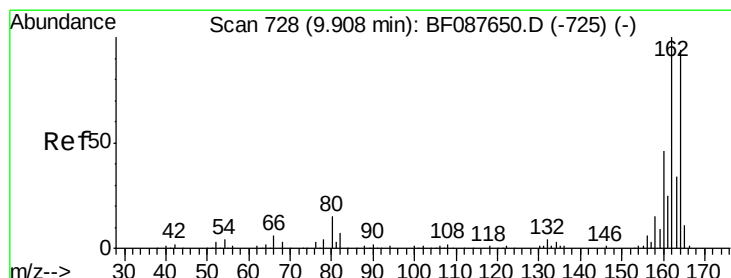
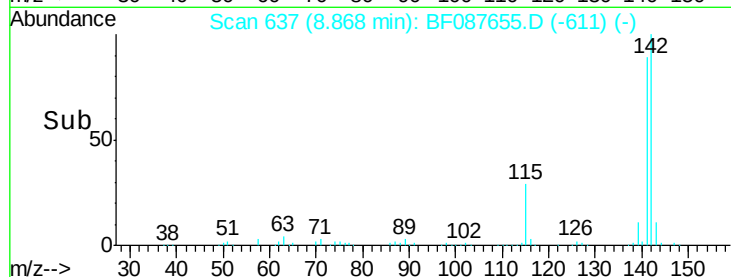
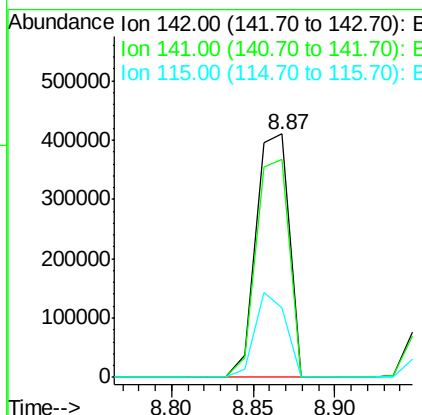
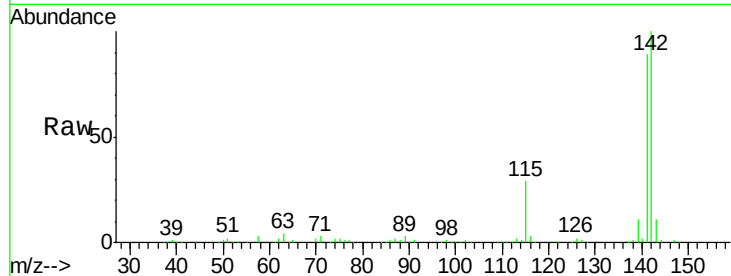




#37
 2-Methylnaphthalene
 Concen: 39.43 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

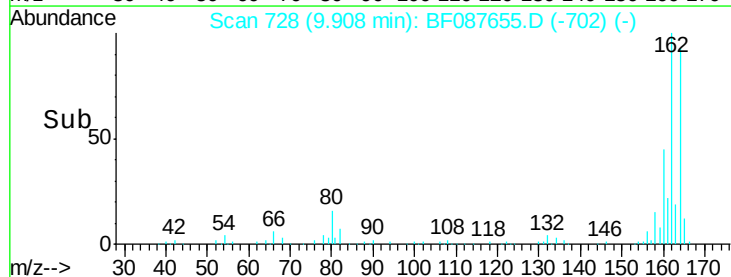
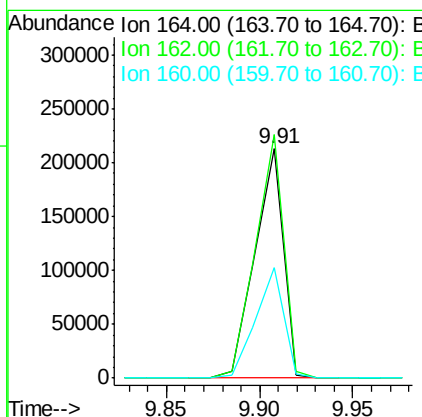
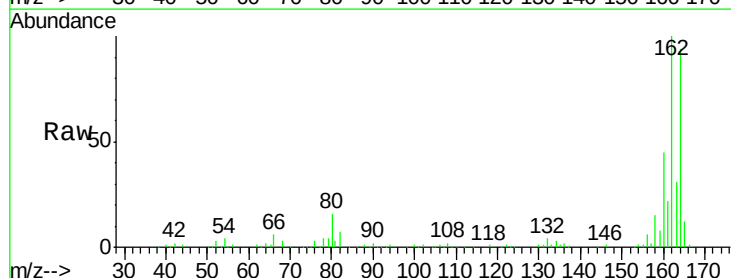
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

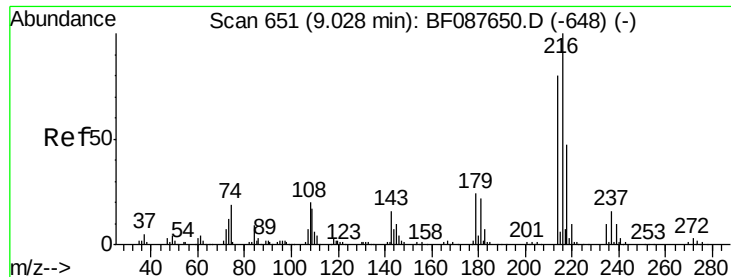
Tgt Ion:142 Resp: 578873
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.0 106.6
 115 28.6 22.6 33.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:164 Resp: 222933
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 48.0 39.5 59.3

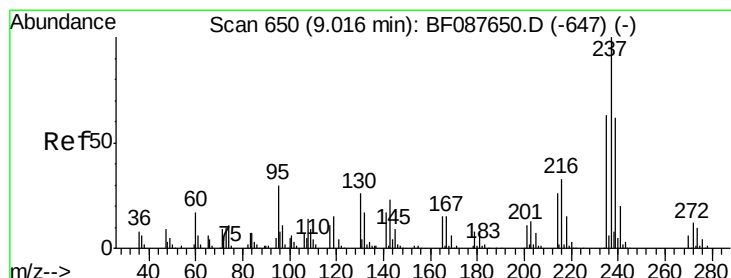
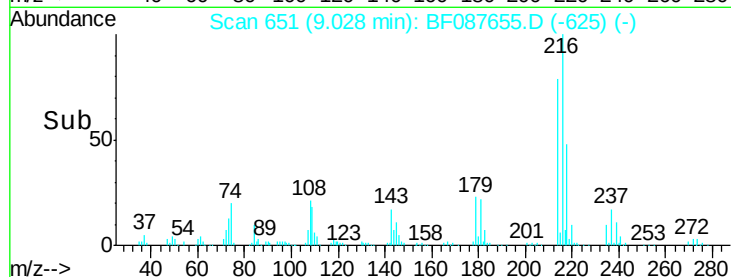
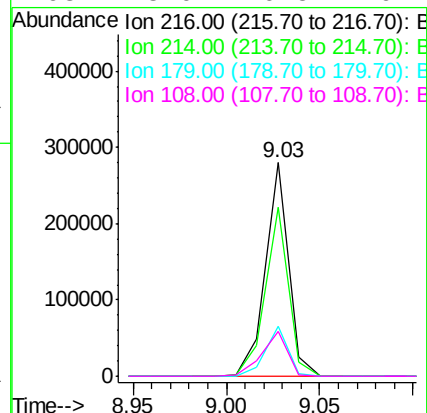
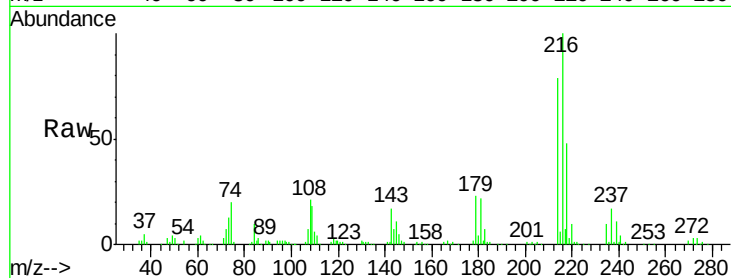




#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.57 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

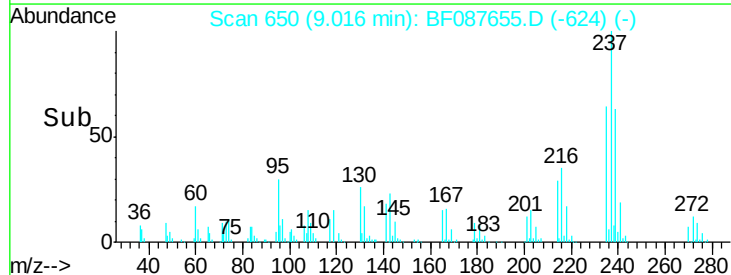
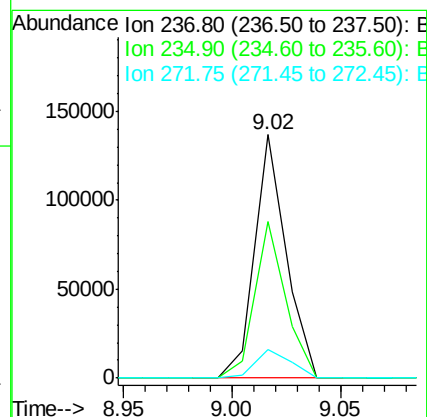
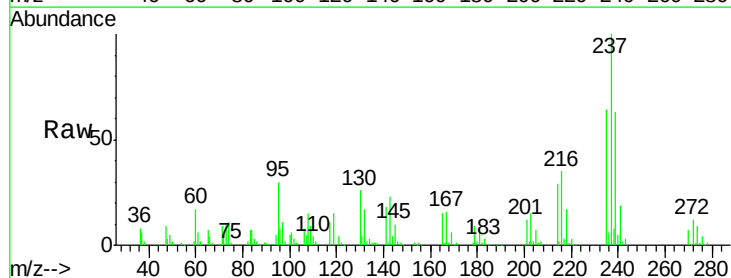
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

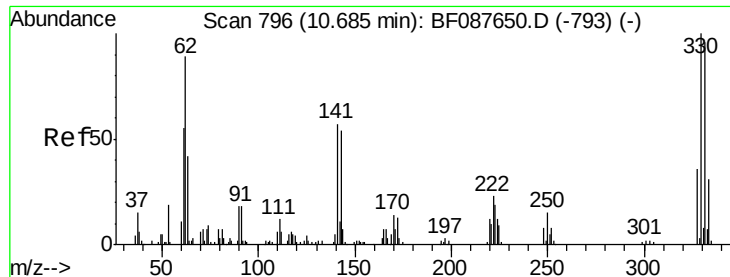
Tgt Ion:	216	Resp:	243126
Ion	Ratio	Lower	Upper
216	100		
214	79.3	2.9	4.3#
179	23.1	0.0	0.0#
108	23.0	0.5	0.7#



#40
Hexachlorocyclopentadiene
Concen: 38.09 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:	237	Resp:	137672
Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.4	83.4
272	12.0	0.0	32.3

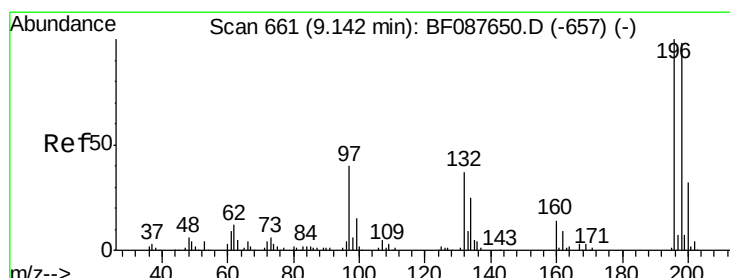
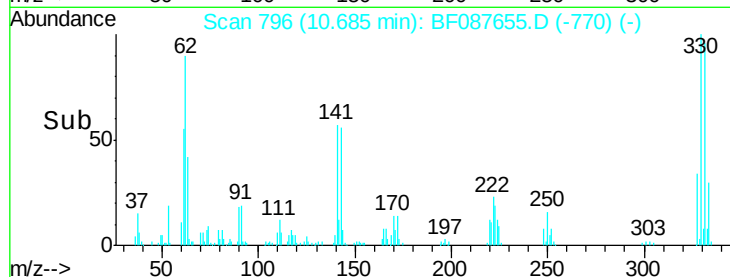
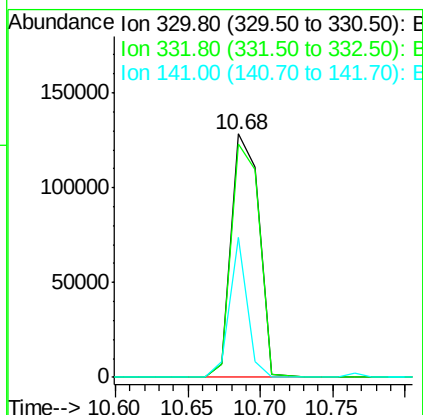
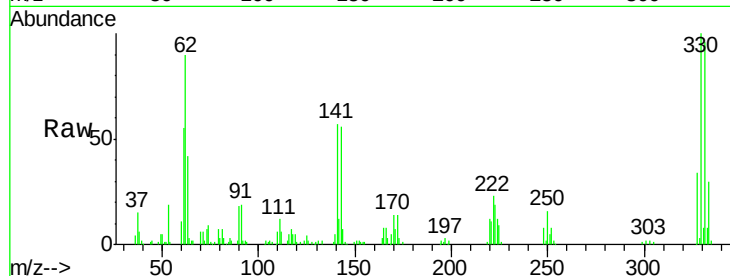




#41
 2,4,6-Tribromophenol
 Concen: 76.27 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

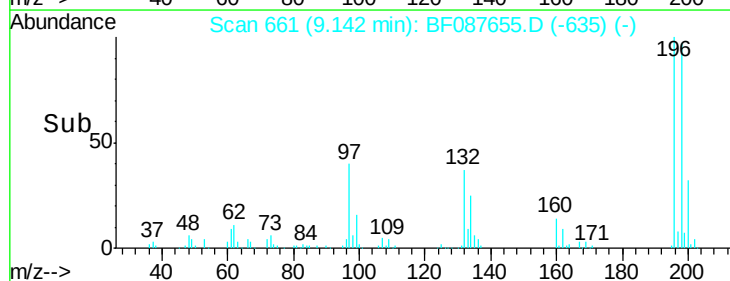
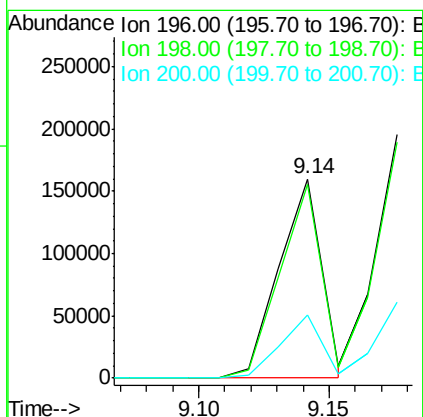
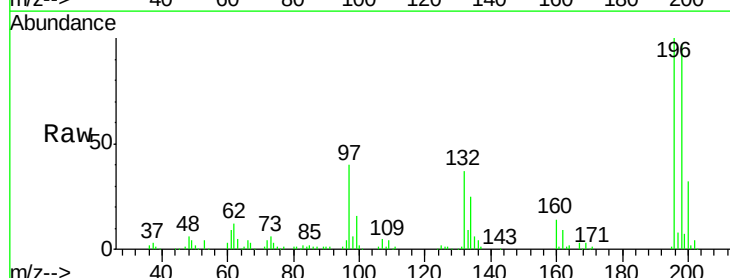
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

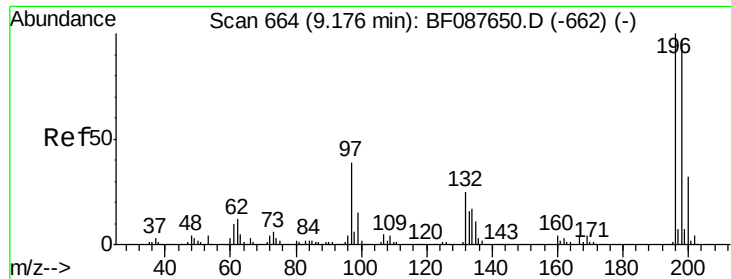
Tgt Ion: 330 Resp: 170666
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 36.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion: 196 Resp: 181690
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.6 25.4 38.2

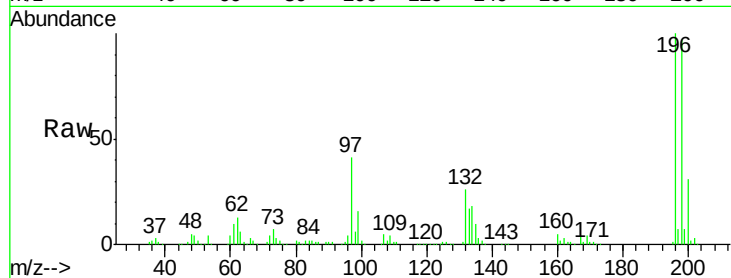




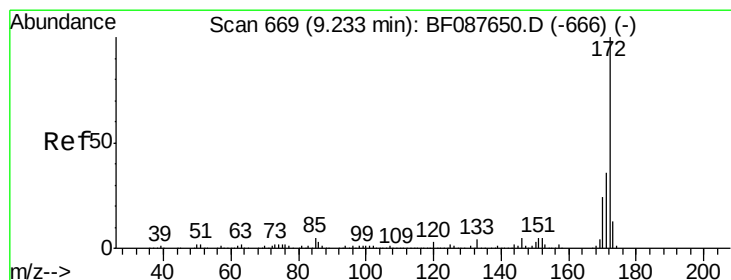
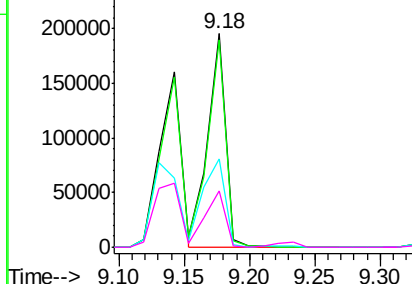
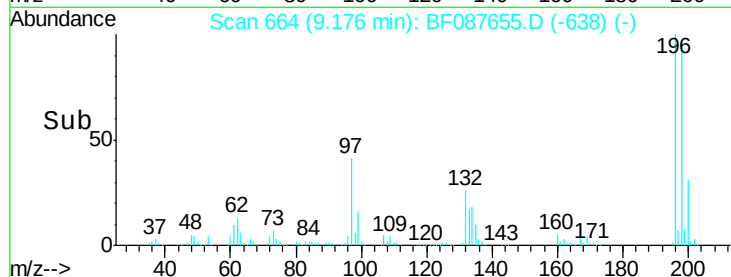
#43
 2,4,5-Trichlorophenol
 Concen: 43.24 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion:196 Resp: 186739
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.5 116.3
 97 41.4 32.0 48.0
 132 26.3 20.9 31.3

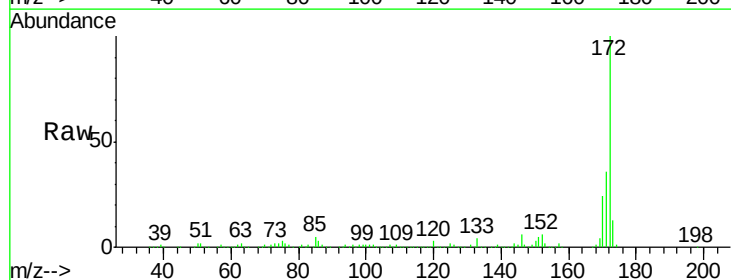


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

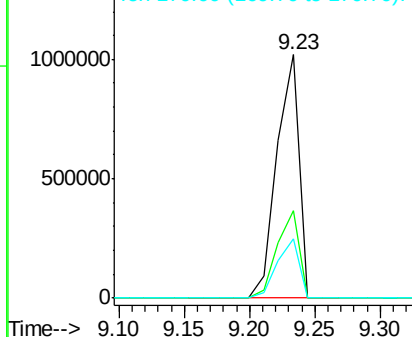
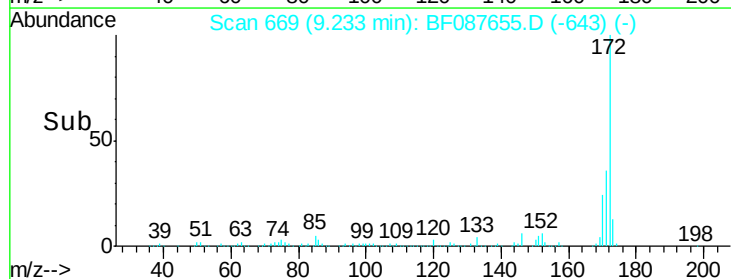


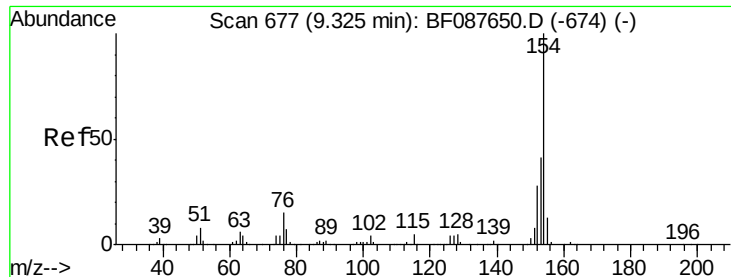
#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:172 Resp: 1222392
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.1 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

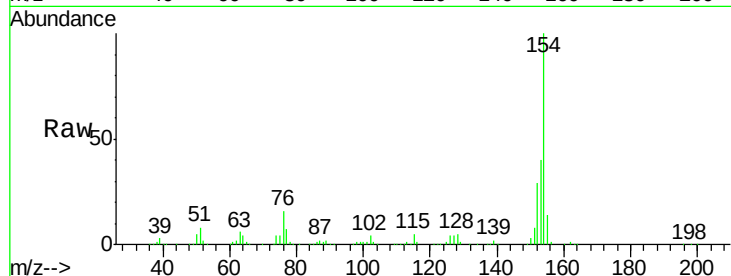




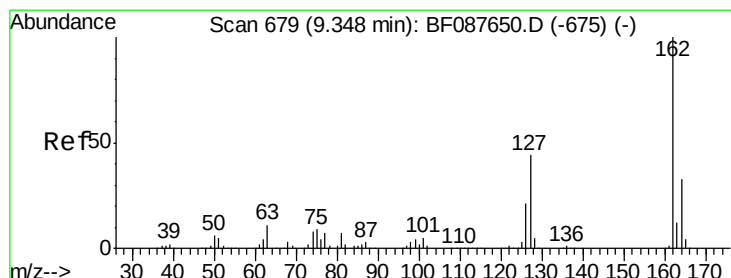
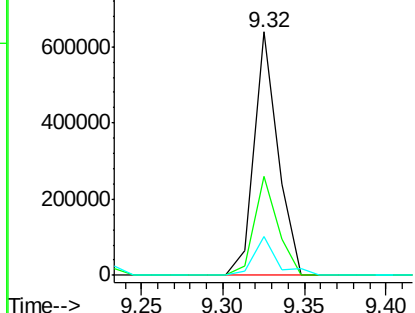
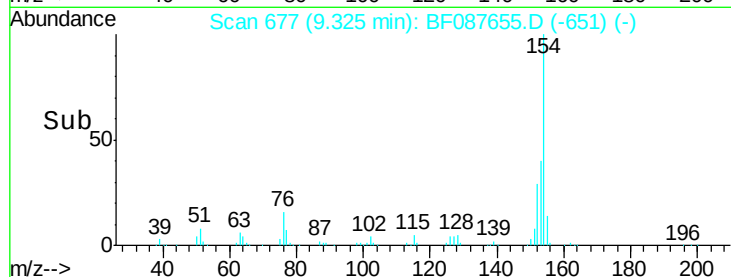
#45
1,1'-Biphenyl
Concen: 35.84 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tgt Ion:154 Resp: 648419
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 16.1 0.0 35.1

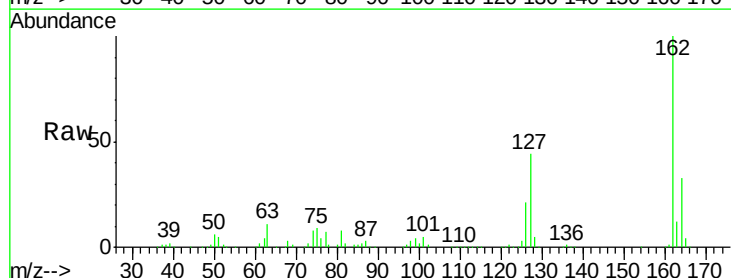


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

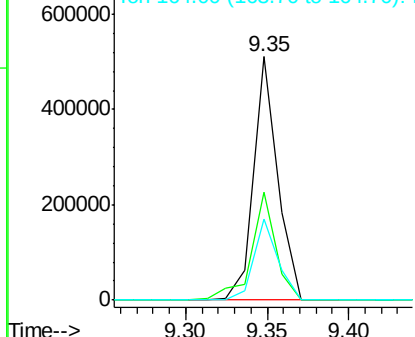
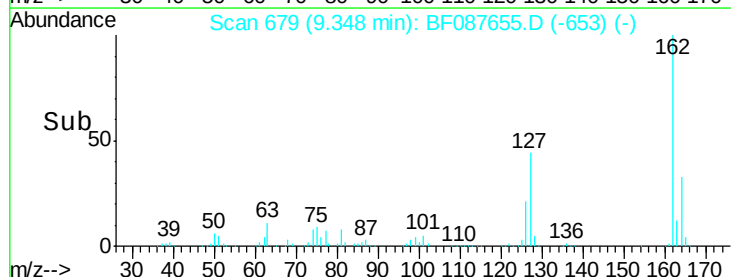


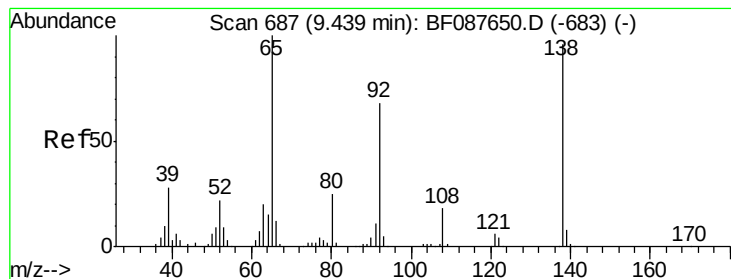
#46
2-Chloronaphthalene
Concen: 36.29 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:162 Resp: 522615
Ion Ratio Lower Upper
162 100
127 44.4 35.2 52.8
164 33.5 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: 37.01 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

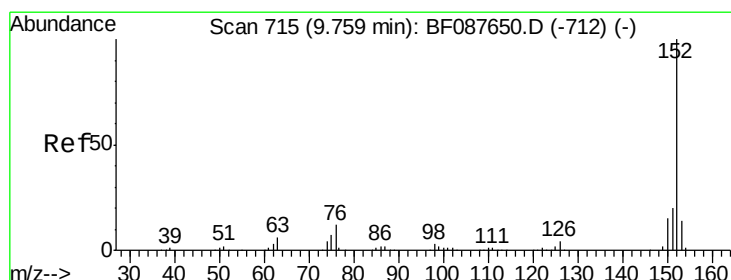
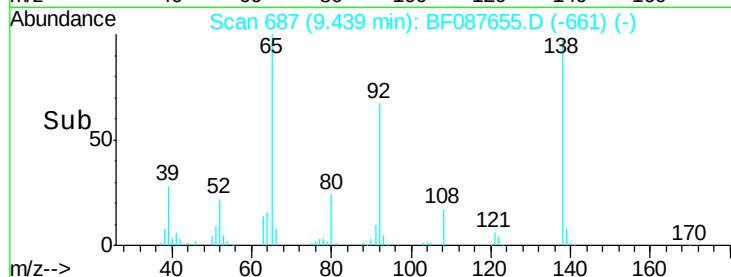
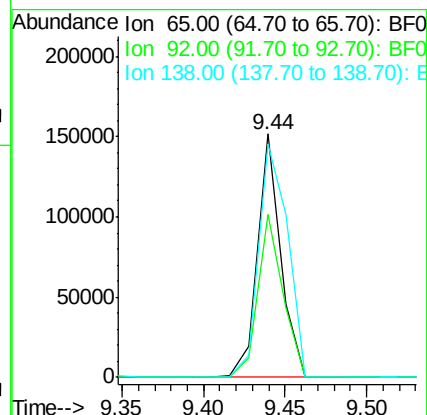
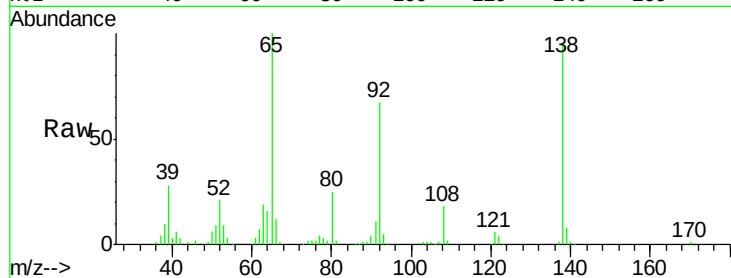
Tgt Ion: 65 Resp: 150082

Ion Ratio Lower Upper

65 100

92 66.9 54.6 82.0

138 96.0 77.0 115.4



#48

Acenaphthylene

Concen: 40.21 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

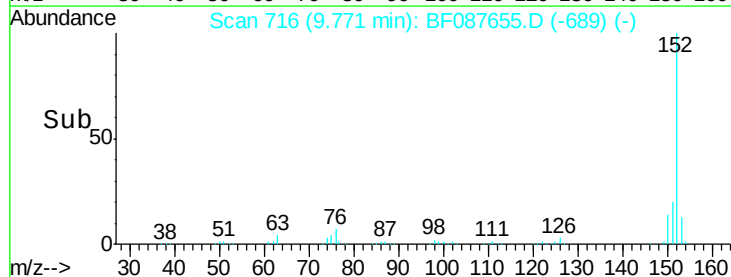
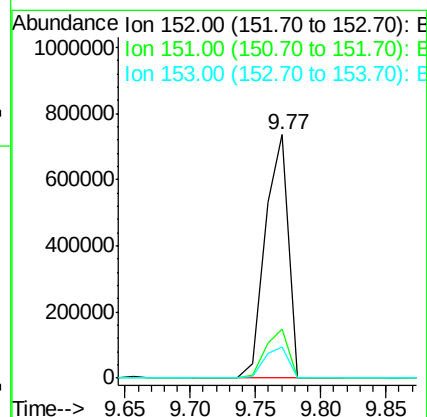
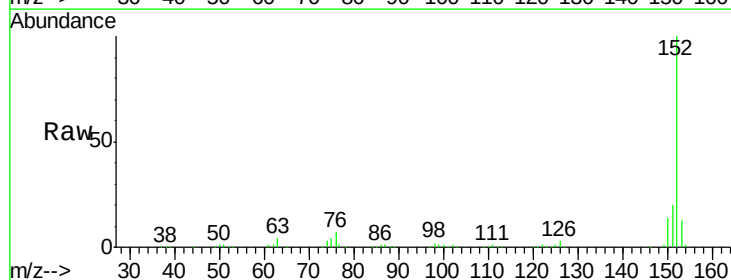
Tgt Ion: 152 Resp: 903053

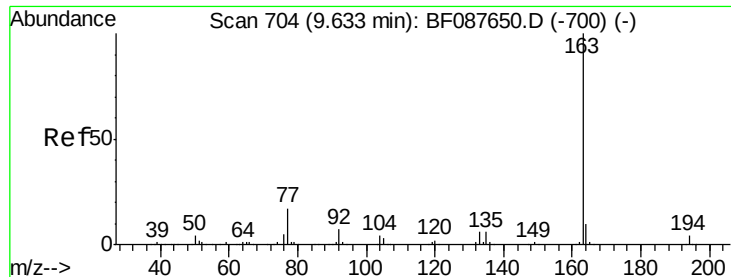
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.0 11.0 16.6

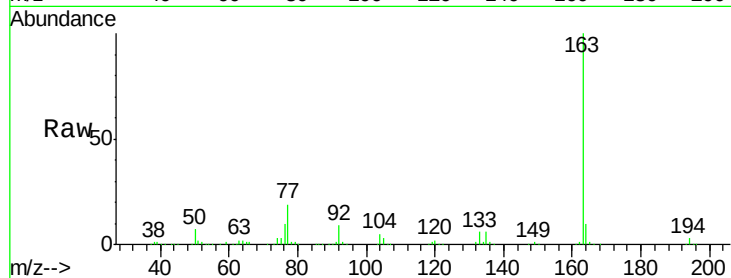




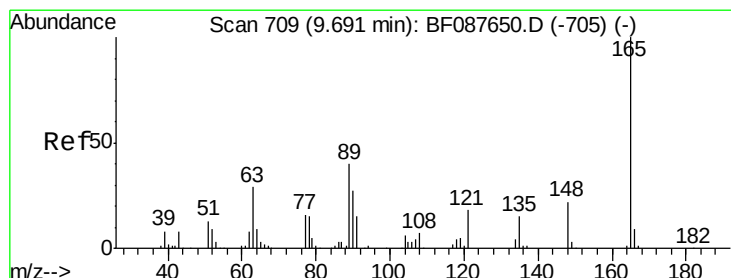
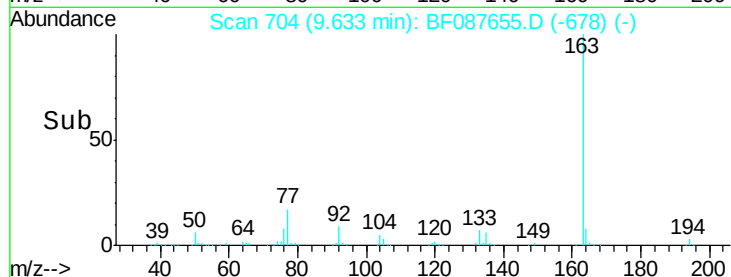
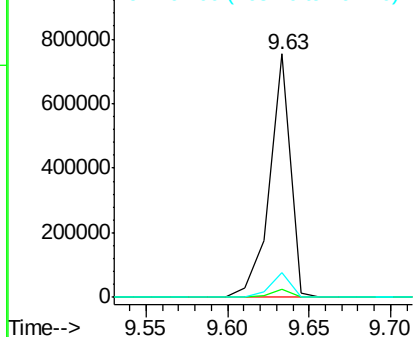
#49
Dimethylphthalate
Concen: 41.13 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tgt Ion:163 Resp: 666679
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.3 8.3 12.5

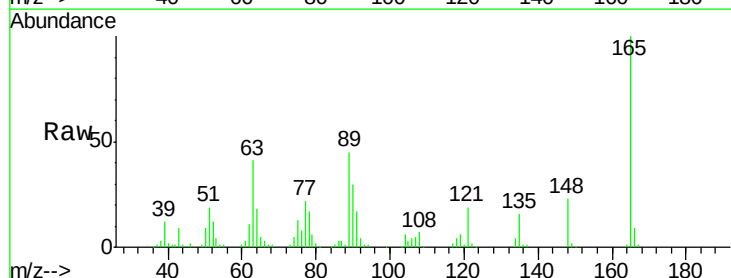


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

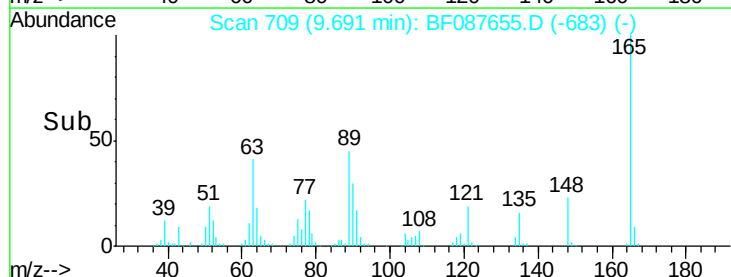
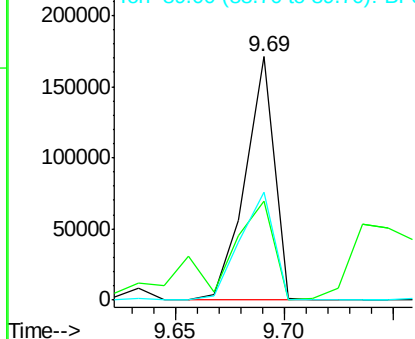


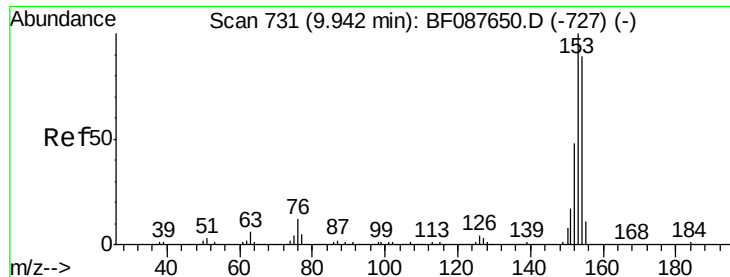
#50
2,6-Dinitrotoluene
Concen: 43.18 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:165 Resp: 159227
Ion Ratio Lower Upper
165 100
63 40.7 28.1 42.1
89 44.5 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: 40.27 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

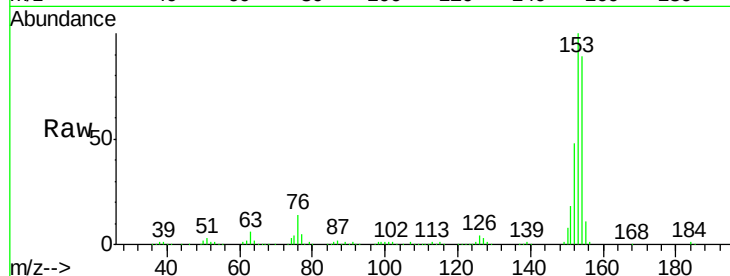
Tgt Ion:154 Resp: 581879

Ion Ratio Lower Upper

154 100

153 112.3 89.5 134.3

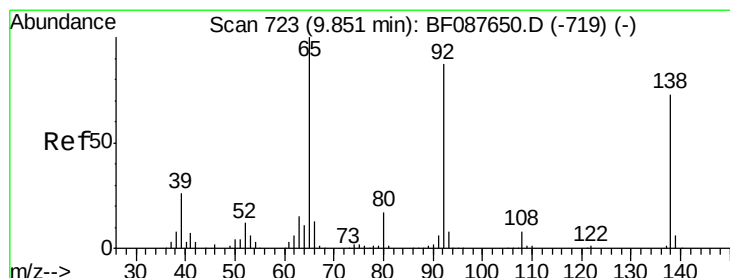
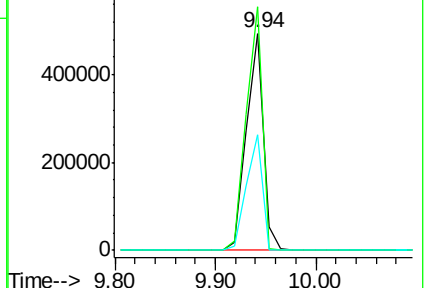
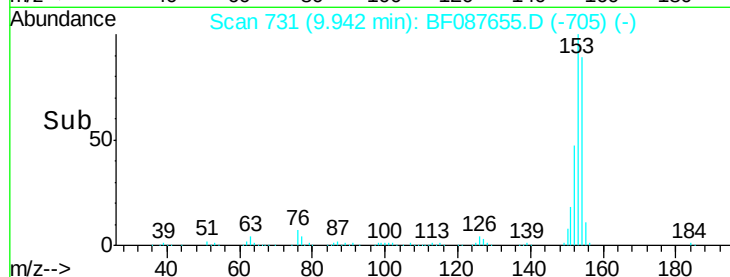
152 53.4 42.7 64.1



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: 36.91 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

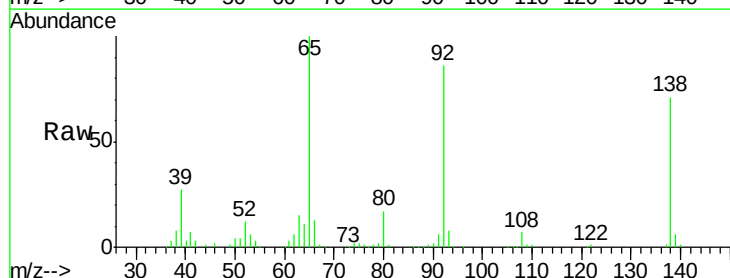
Tgt Ion:138 Resp: 155677

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

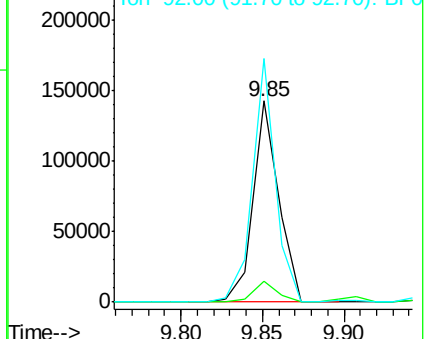
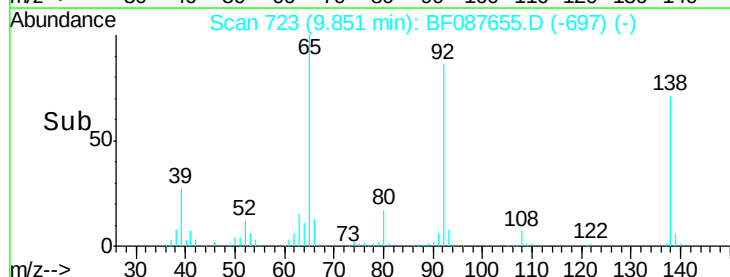
92 121.0 95.7 143.5

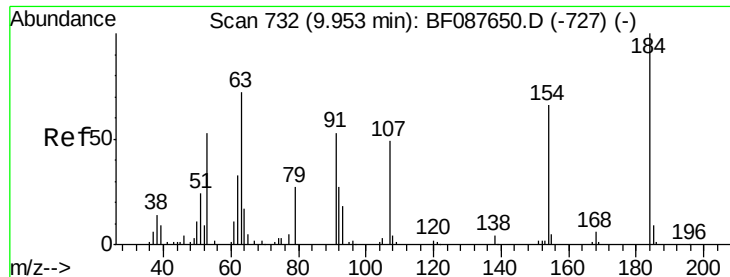


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

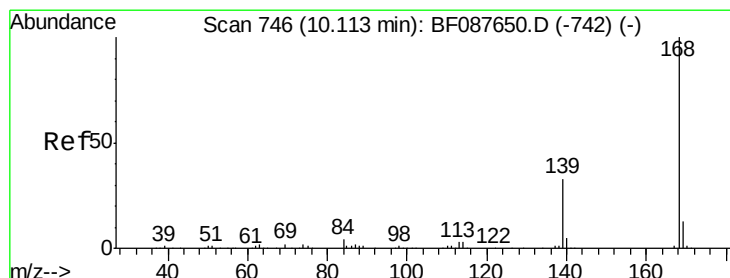
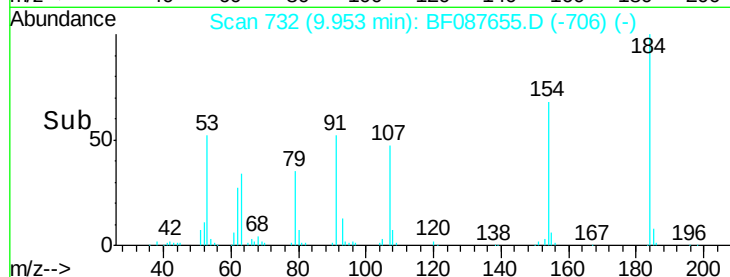
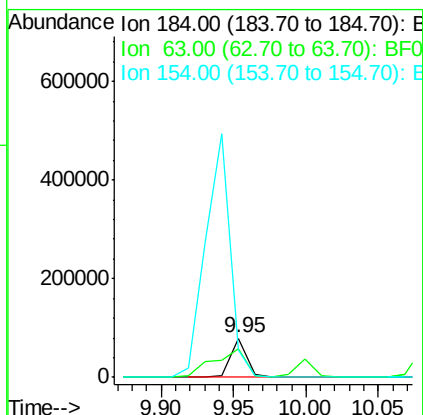
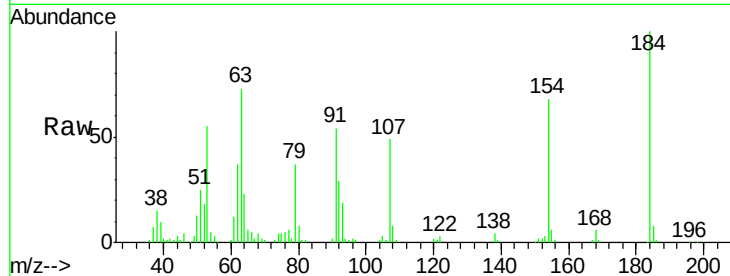




#53
2,4-Dinitrophenol
Concen: 40.51 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

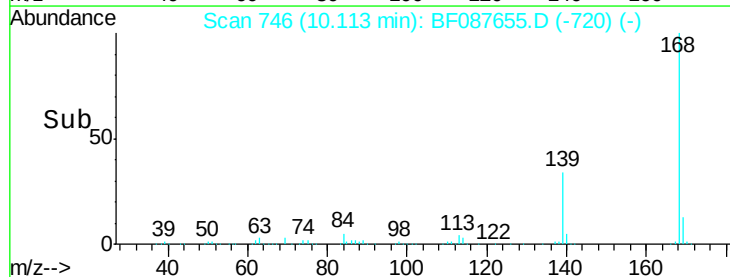
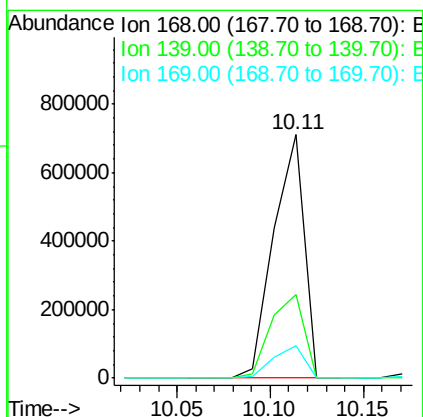
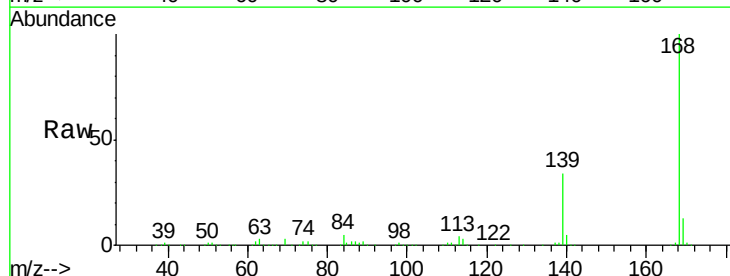
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

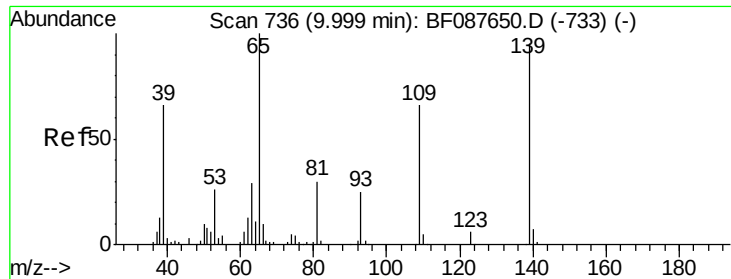
Tgt Ion:184 Resp: 64419
Ion Ratio Lower Upper
184 100
63 72.8 57.6 86.4
154 68.2 53.5 80.3



#54
Dibenzofuran
Concen: 41.19 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:168 Resp: 810312
Ion Ratio Lower Upper
168 100
139 34.1 26.4 39.6
169 13.2 10.4 15.6

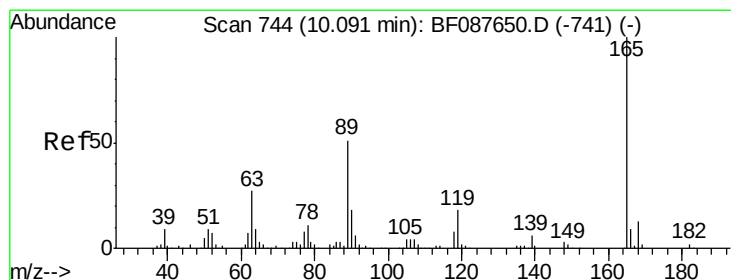
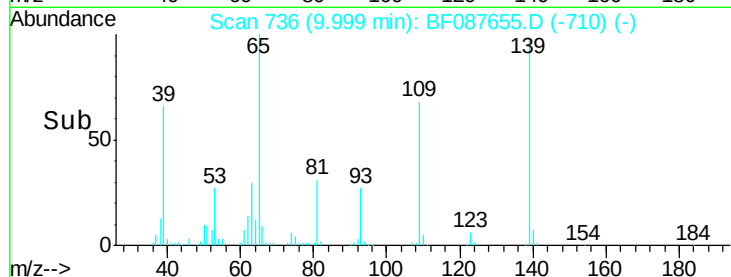
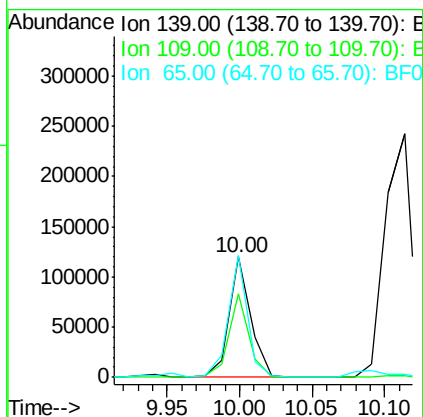
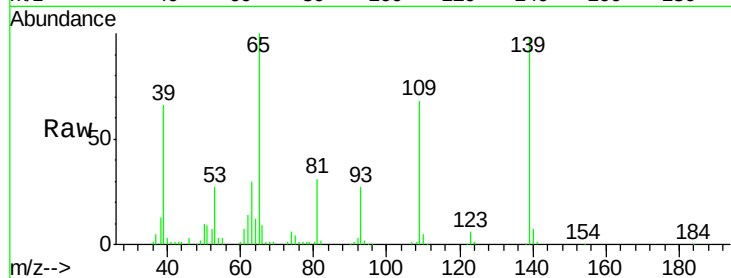




#55
4-Nitrophenol
Concen: 34.49 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

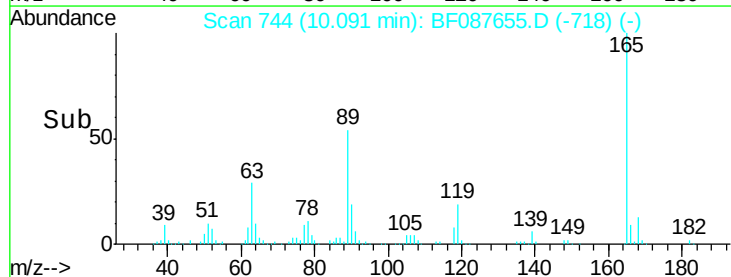
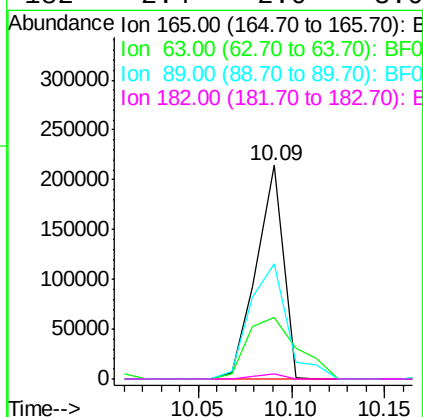
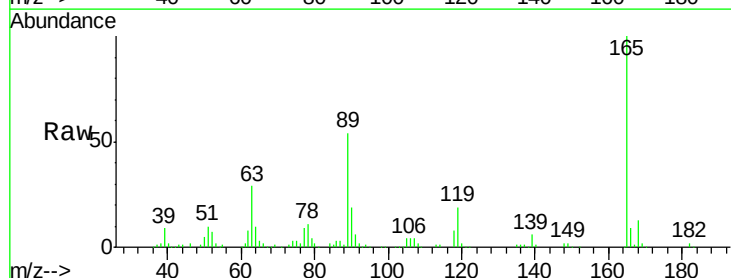
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

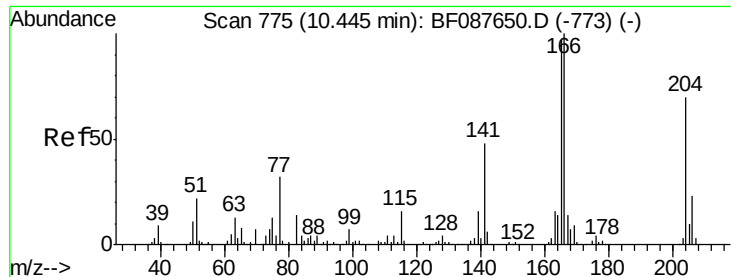
Tgt Ion:139 Resp: 124334
Ion Ratio Lower Upper
139 100
109 69.3 48.9 88.9
65 102.0 84.9 124.9



#56
2,4-Dinitrotoluene
Concen: 45.91 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:165 Resp: 215583
Ion Ratio Lower Upper
165 100
63 28.5 22.0 33.0
89 53.9 41.1 61.7
182 2.4 2.0 3.0





#57

Fluorene

Concen: 36.88 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

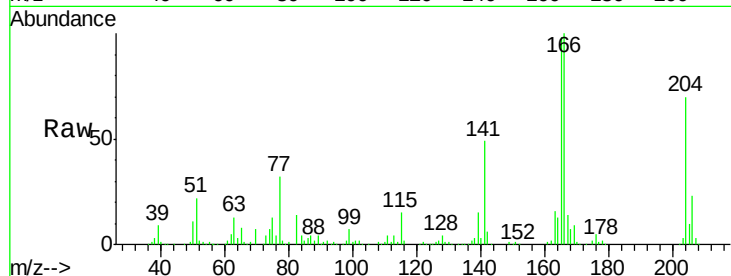
Tgt Ion:166 Resp: 567212

Ion Ratio Lower Upper

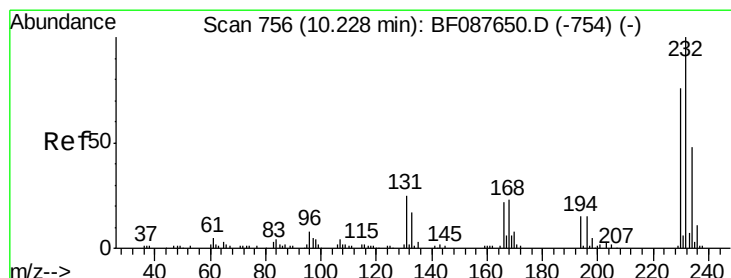
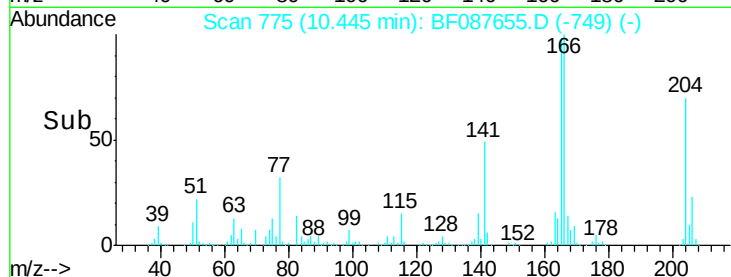
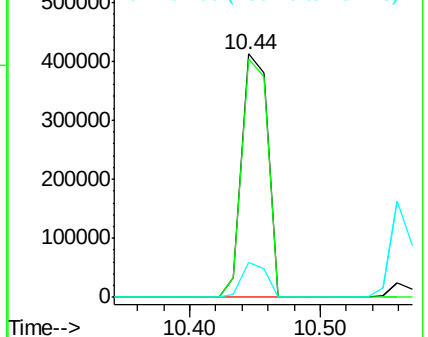
166 100

165 98.2 77.8 116.8

167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.93 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Tgt Ion:232 Resp: 144816

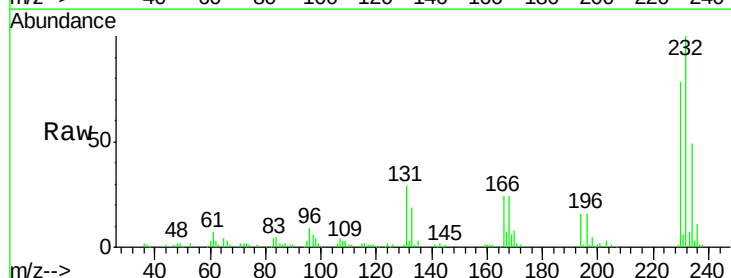
Ion Ratio Lower Upper

232 100

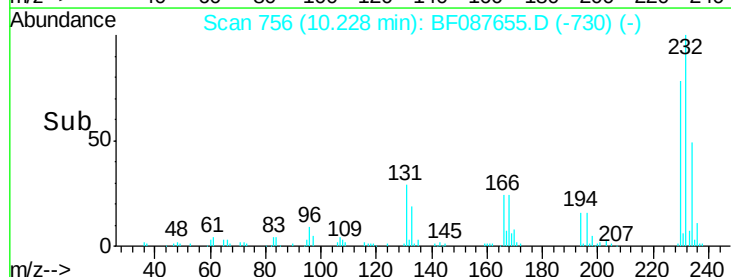
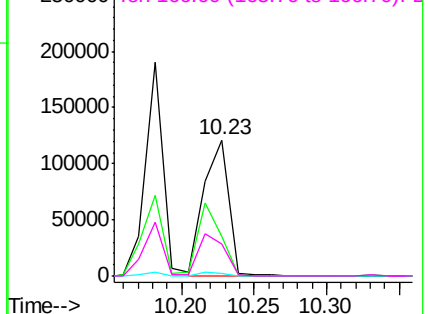
131 49.6 0.9 1.3#

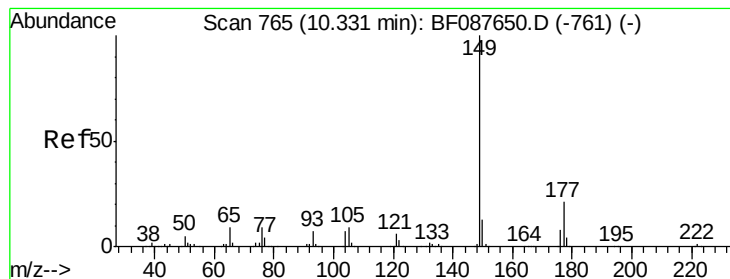
130 2.4 1.5 2.3#

166 32.8 0.5 0.7#



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.37 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

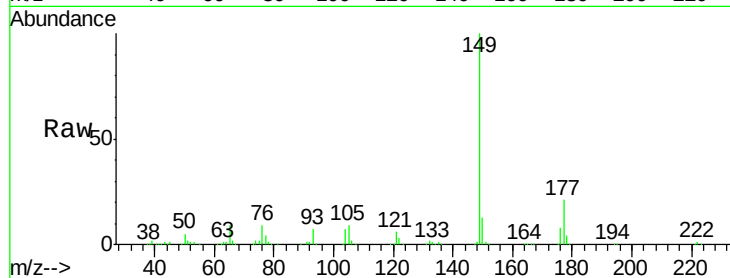
Tgt Ion:149 Resp: 624528

Ion Ratio Lower Upper

149 100

177 21.3 16.9 25.3

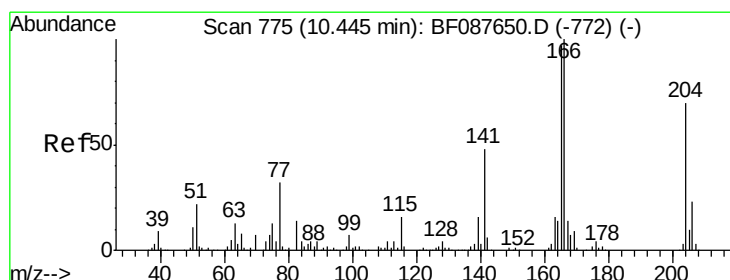
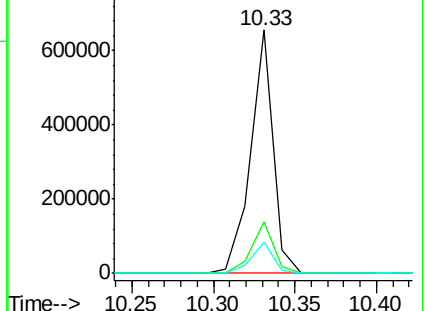
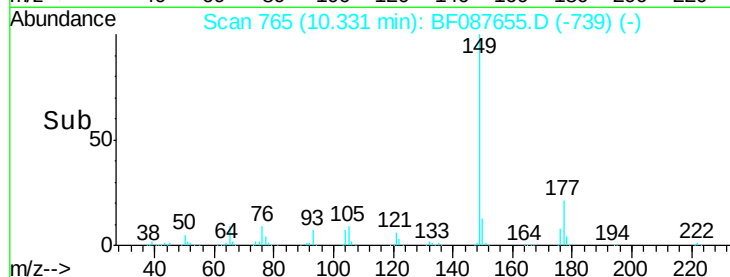
150 12.7 10.1 15.1



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: 38.84 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

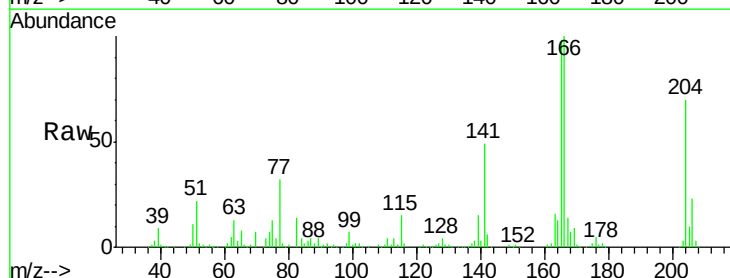
Tgt Ion:204 Resp: 242975

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

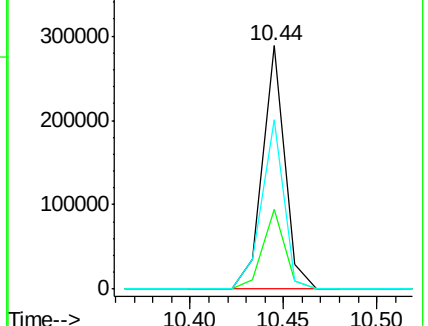
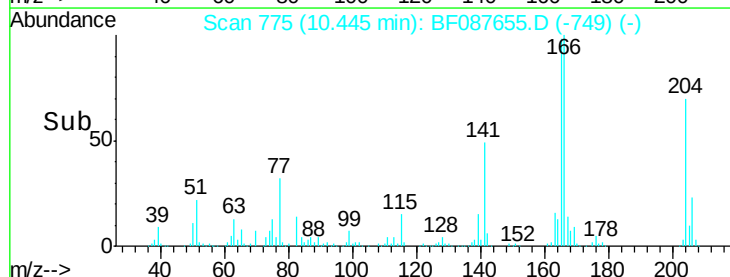
141 69.4 55.0 82.6

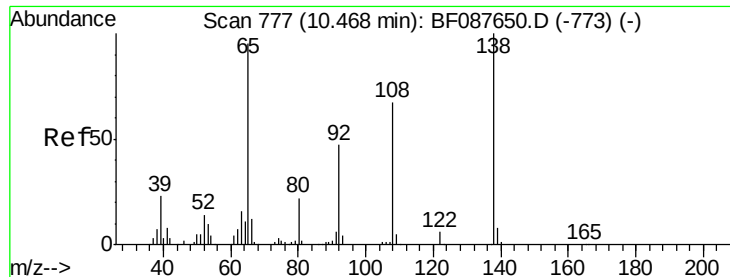


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

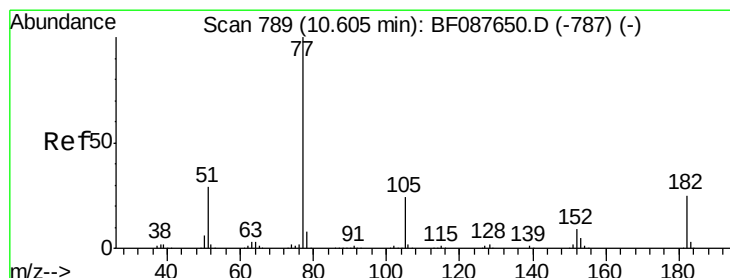
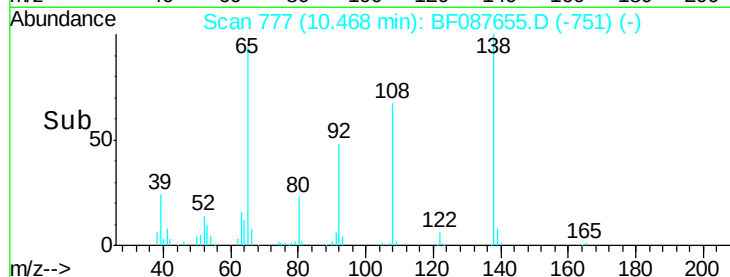
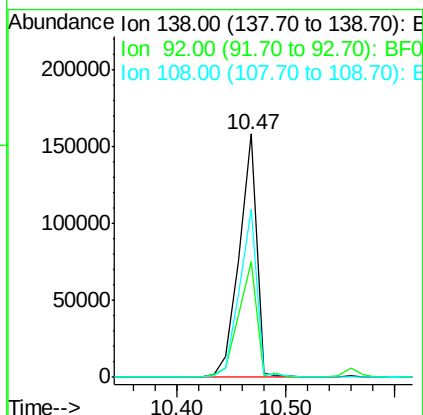
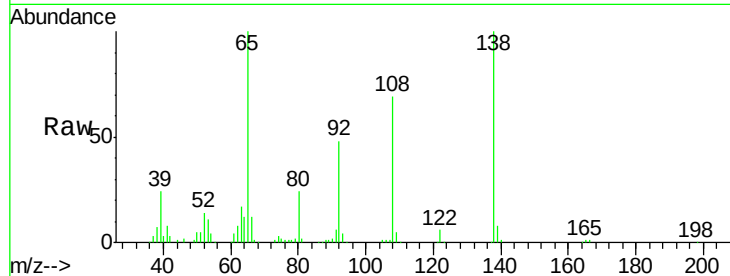




#61
4-Nitroaniline
Concen: 43.29 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

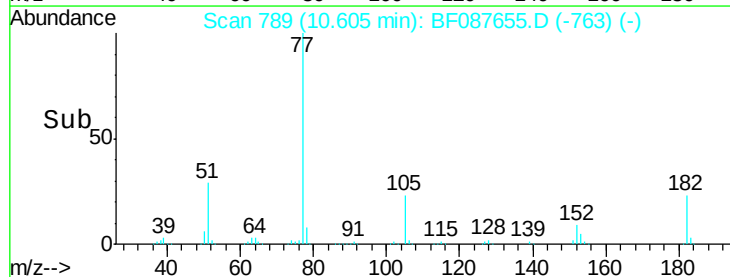
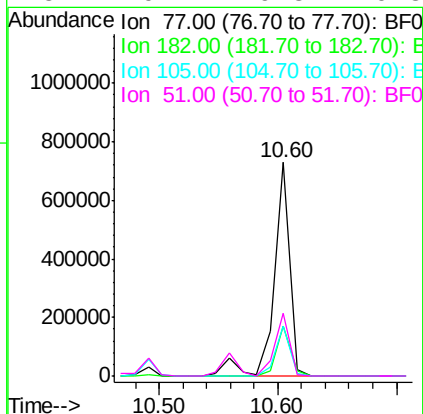
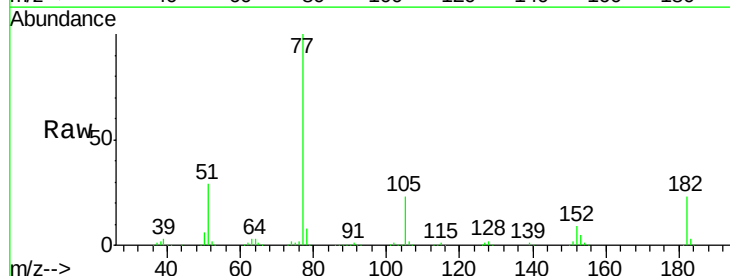
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

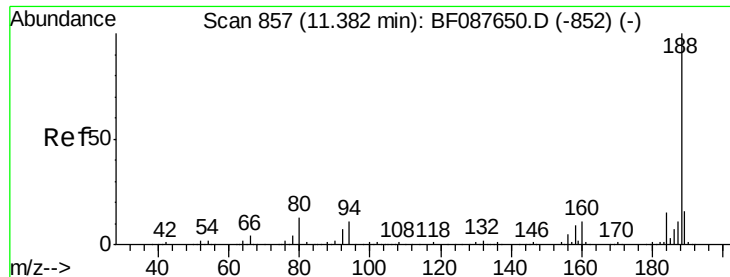
Tgt Ion: 138 Resp: 175516
Ion Ratio Lower Upper
138 100
92 47.7 27.3 67.3
108 69.2 46.7 86.7



#62
Azobenzene
Concen: 41.60 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion: 77 Resp: 681516
Ion Ratio Lower Upper
77 100
182 23.1 4.4 44.4
105 23.1 3.8 43.8
51 29.1 9.3 49.3

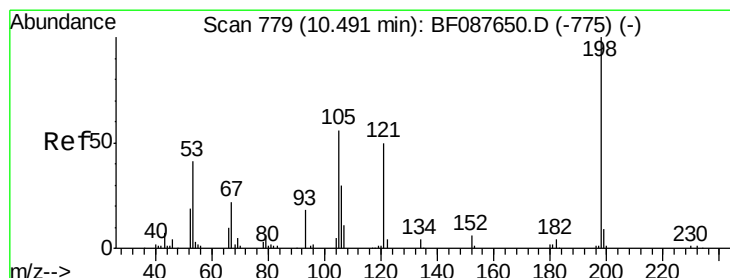
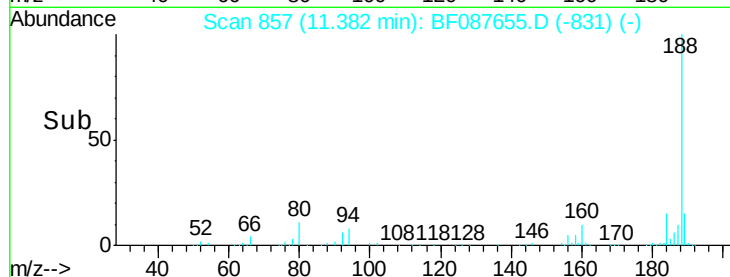
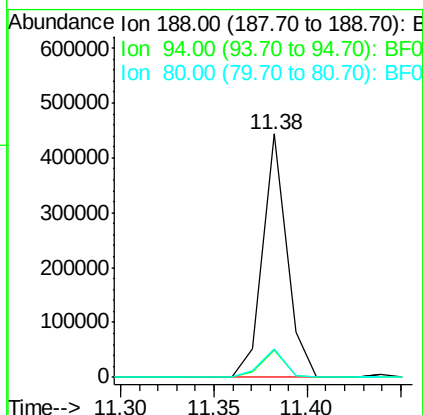
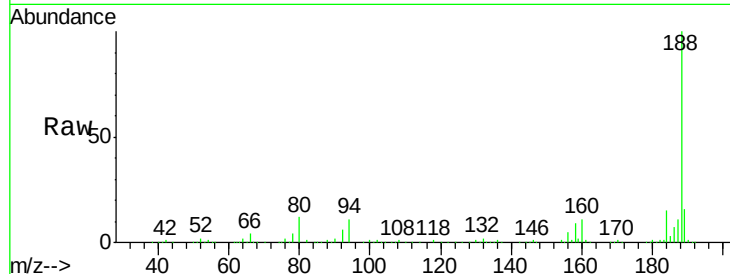




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

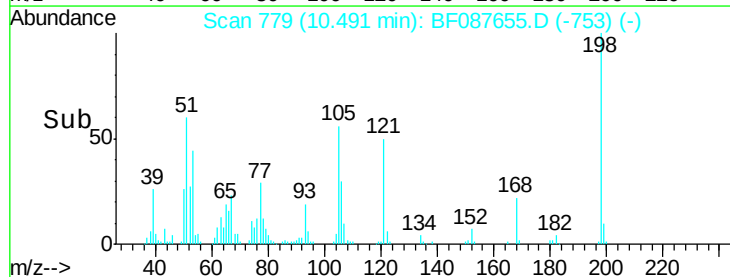
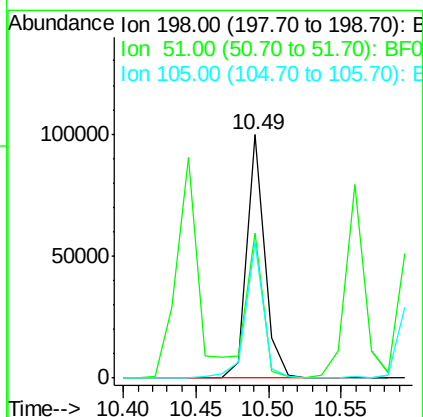
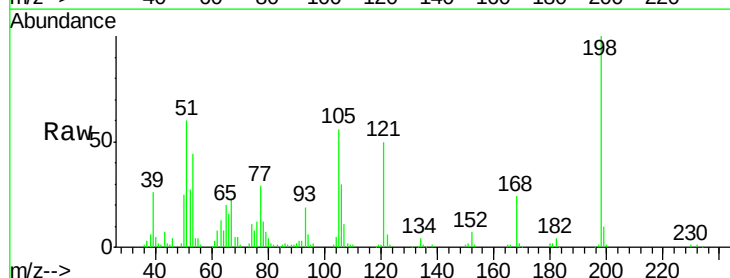
Instrument :
BNA_F
ClientSampleId :
ICVBF060416

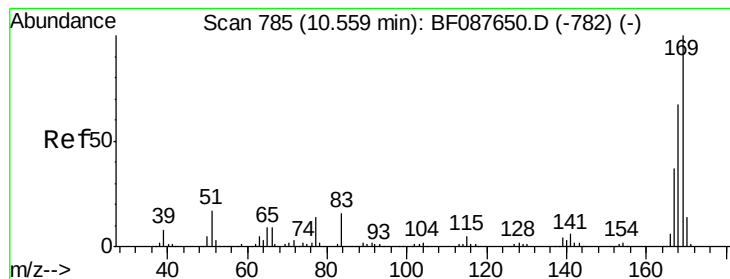
Tgt Ion:188 Resp: 398573
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 11.8 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:198 Resp: 85445
Ion Ratio Lower Upper
198 100
51 59.7 39.6 79.6
105 55.8 36.6 76.6

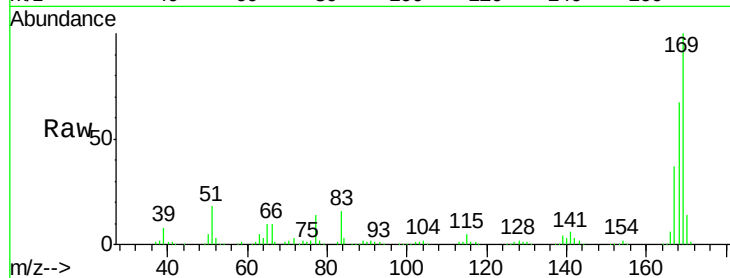




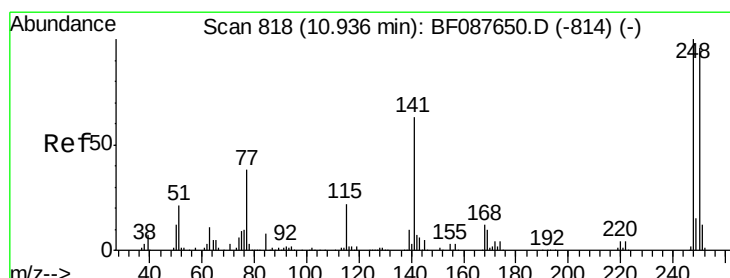
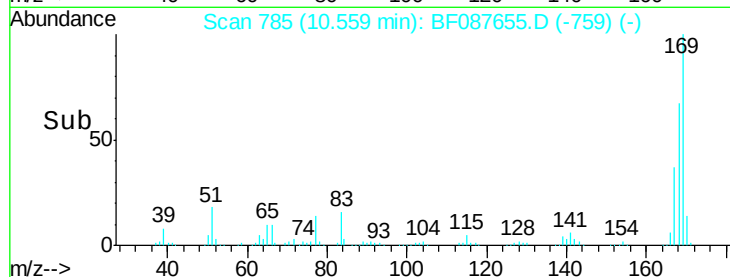
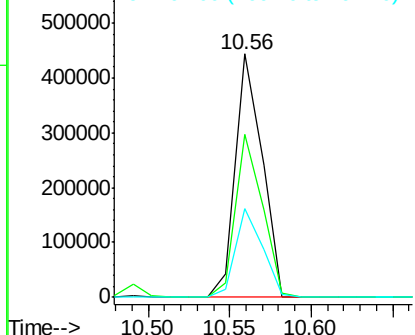
#65
 n-Nitrosodiphenylamine
 Concen: 38.42 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion:169 Resp: 501529
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.4 80.0
 167 36.5 29.4 44.0

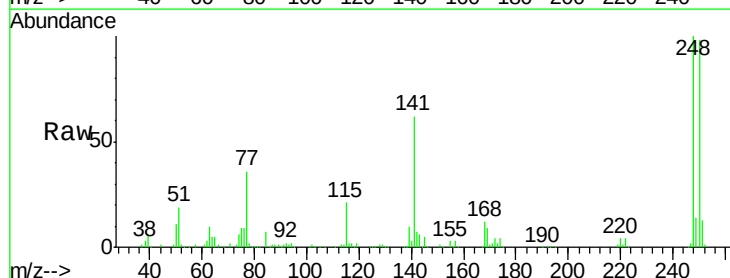


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

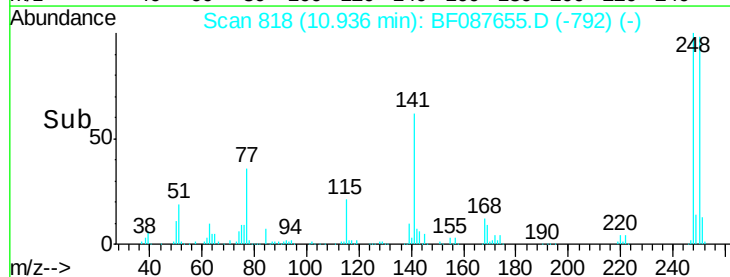
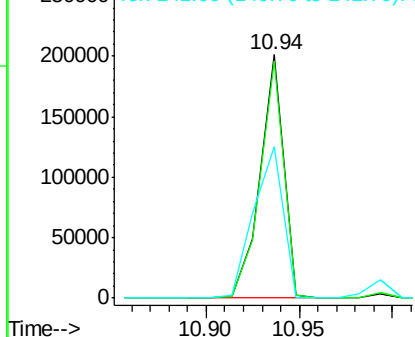


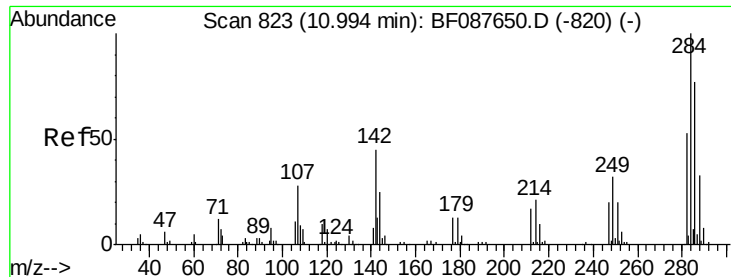
#66
 4-Bromophenyl-phenylether
 Concen: 44.08 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:248 Resp: 174206
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.1 115.7
 141 62.4 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: 37.84 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

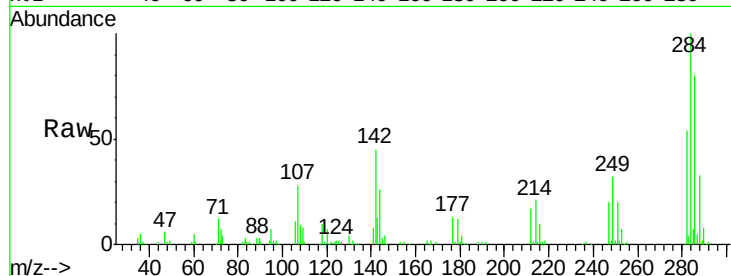
Tgt Ion:284 Resp: 167233

Ion Ratio Lower Upper

284 100

142 44.6 35.8 53.8

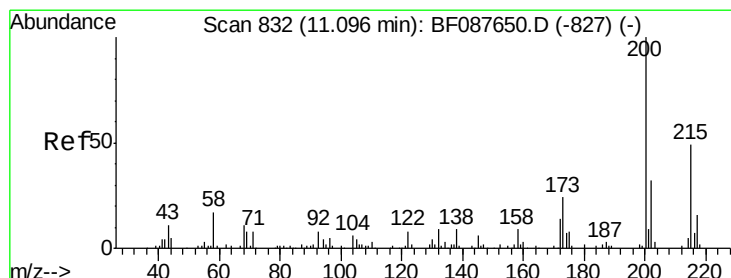
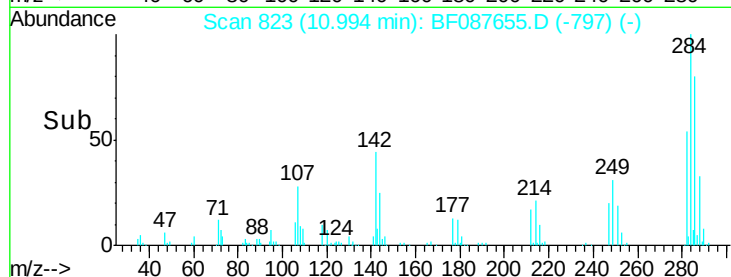
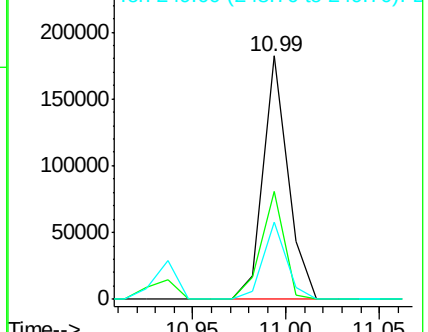
249 31.6 25.8 38.6



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: 42.14 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

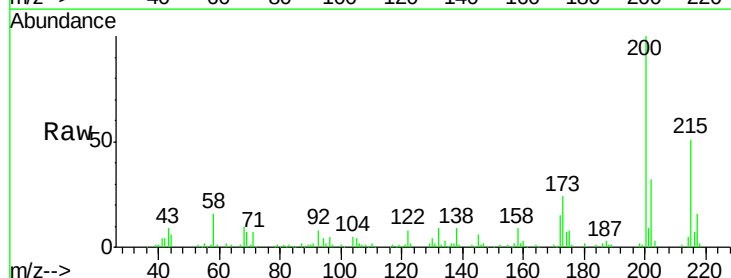
Tgt Ion:200 Resp: 162946

Ion Ratio Lower Upper

200 100

173 24.0 4.0 44.0

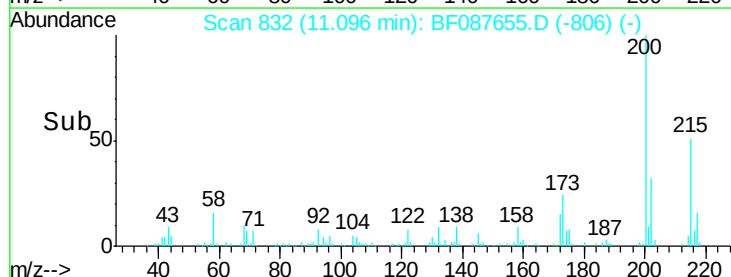
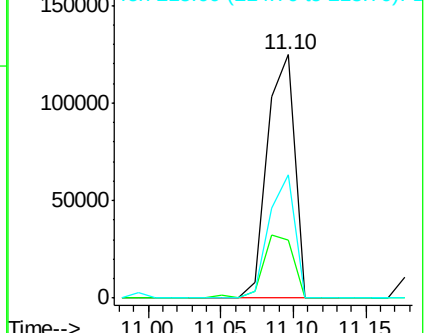
215 50.7 29.3 69.3

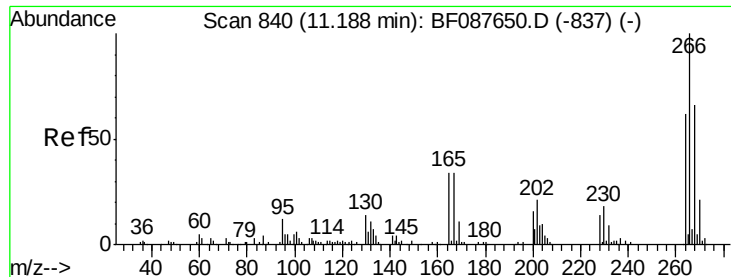


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

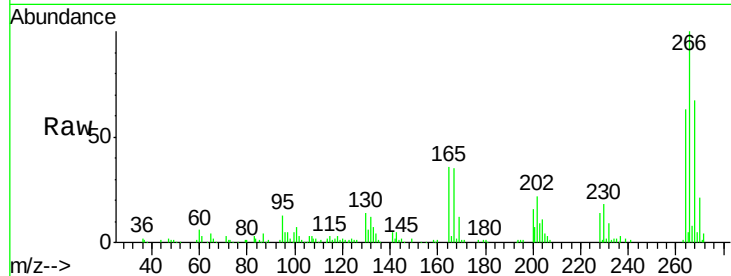




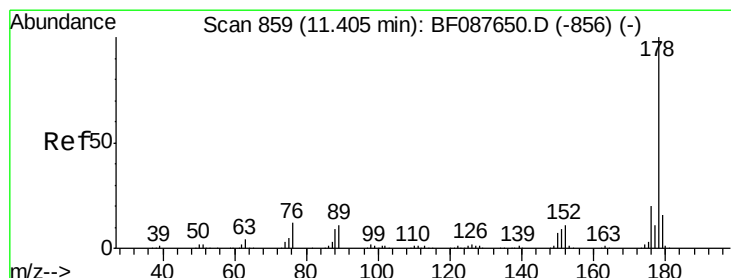
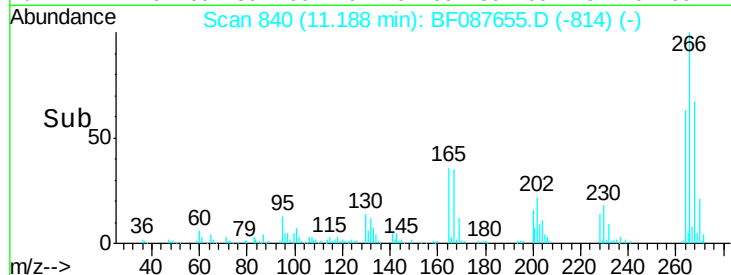
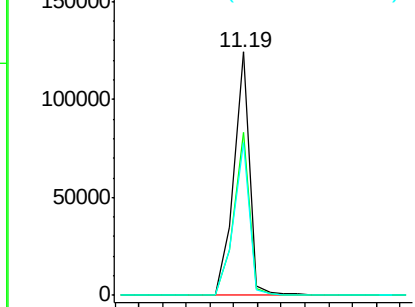
#69
 Pentachlorophenol
 Concen: 43.75 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion: 266 Resp: 114886
 Ion Ratio Lower Upper
 266 100
 268 66.8 52.8 79.2
 264 62.8 49.6 74.4

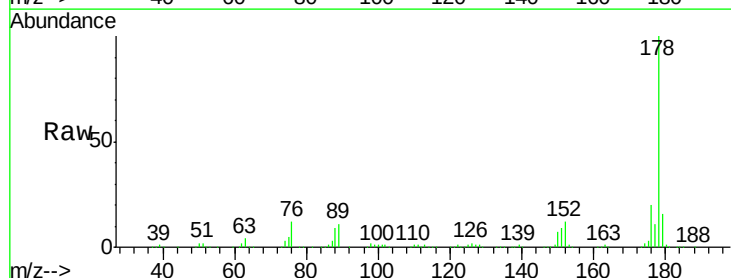


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

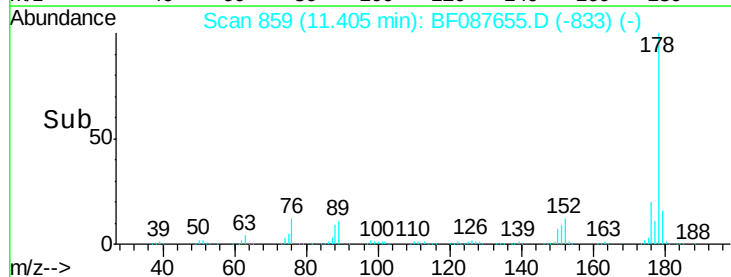
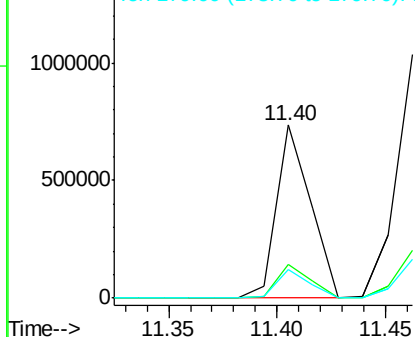


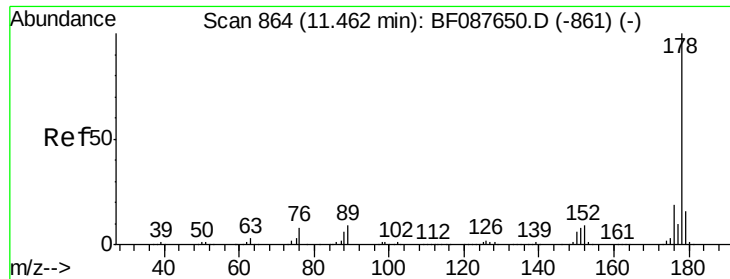
#70
 Phenanthrene
 Concen: 37.18 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion: 178 Resp: 803427
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.3 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

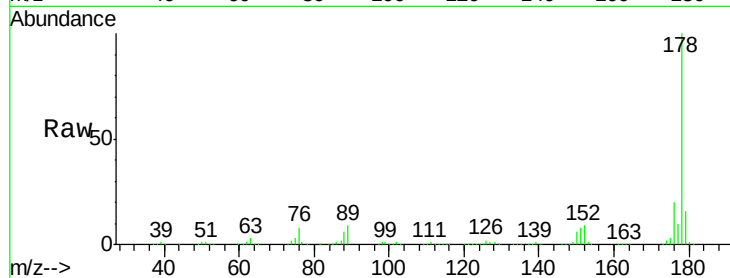




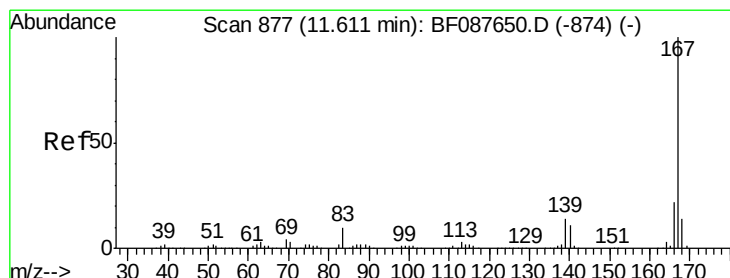
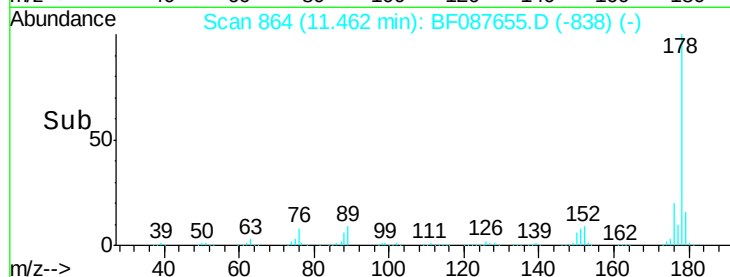
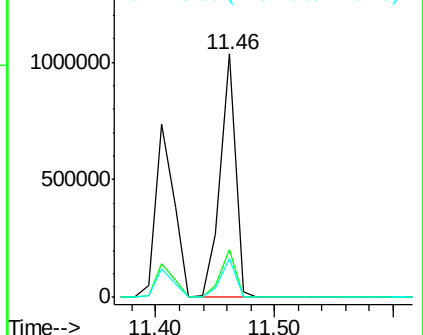
#71
 Anthracene
 Concen: 42.35 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion:178 Resp: 917088
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.6 23.4
 179 16.2 12.8 19.2

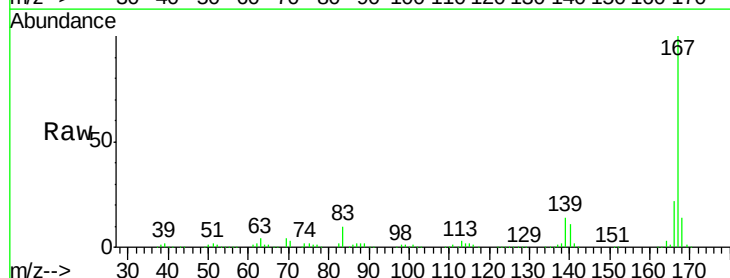


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

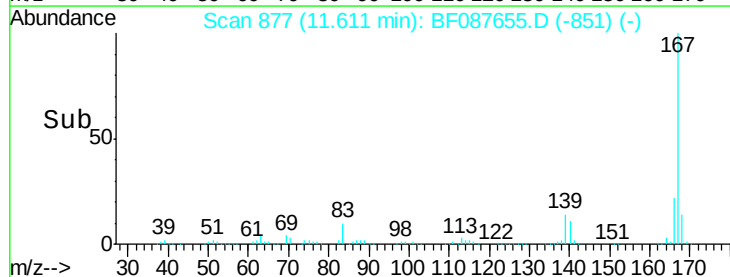
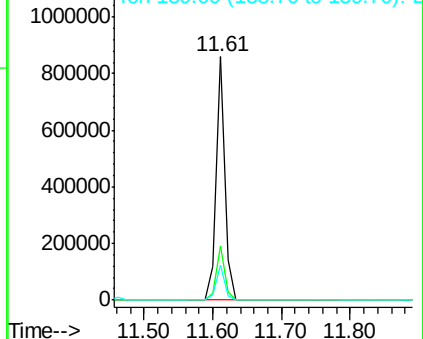


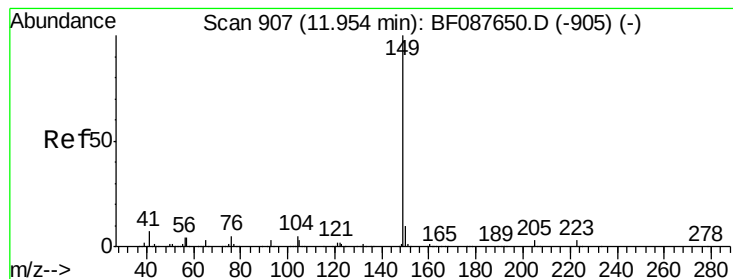
#72
 Carbazole
 Concen: 37.75 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:167 Resp: 773835
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.1 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: 42.94 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

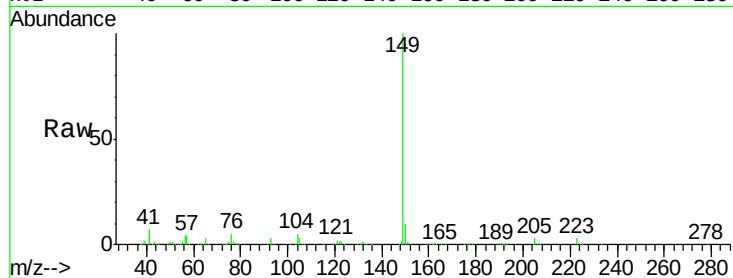
Tgt Ion:149 Resp: 943583

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

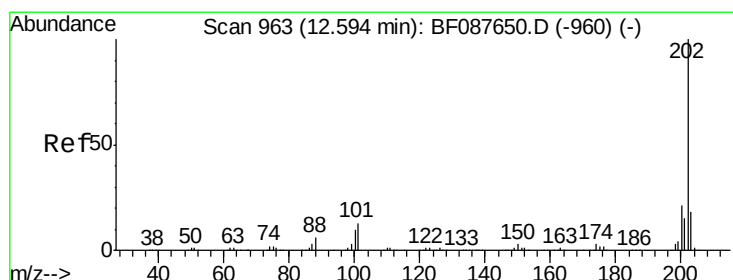
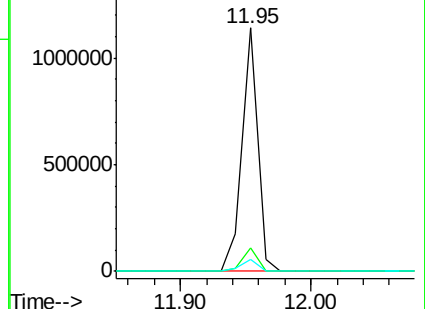
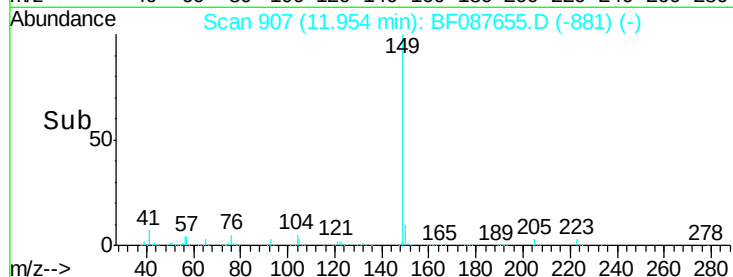
104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.81 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

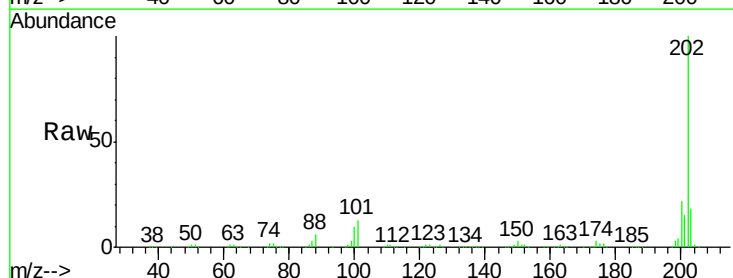
Tgt Ion:202 Resp: 889177

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.1

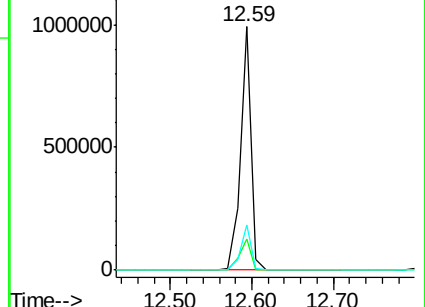
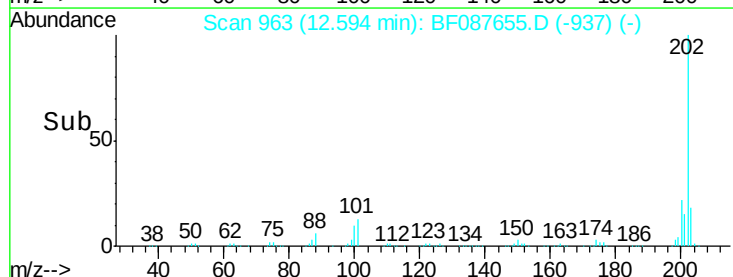
203 18.4 0.0 38.1

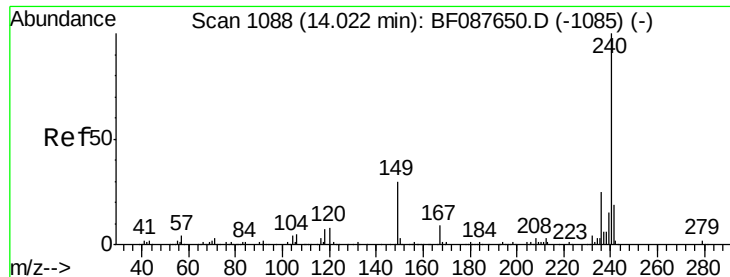


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

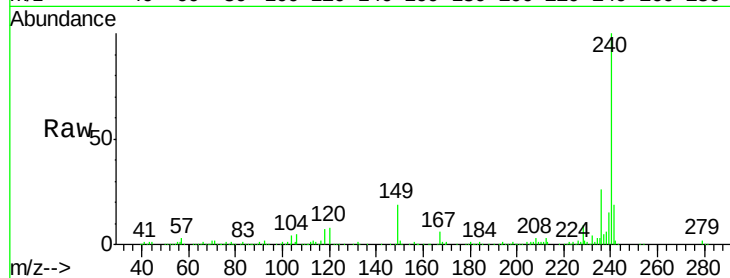
Tgt Ion:240 Resp: 310747

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

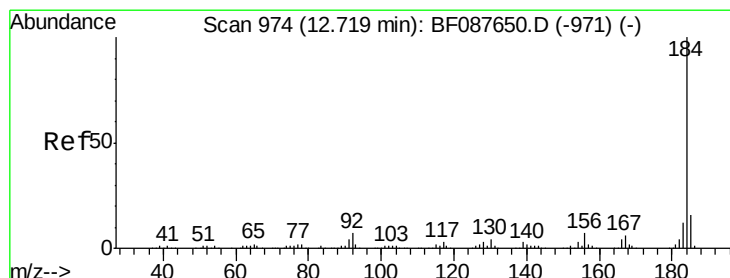
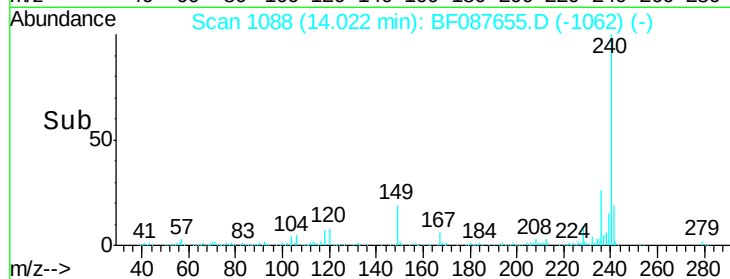
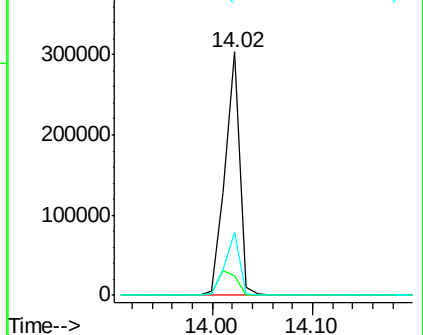
236 25.9 20.2 30.2



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: 44.20 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

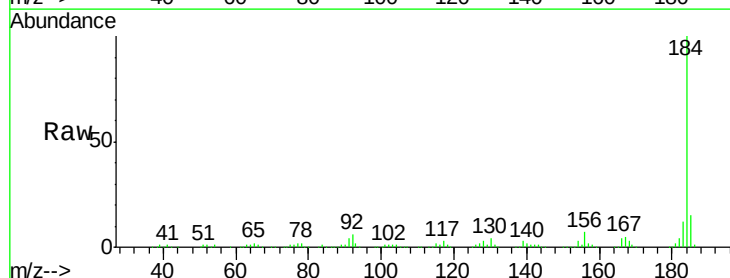
Tgt Ion:184 Resp: 541619

Ion Ratio Lower Upper

184 100

185 15.4 12.5 18.7

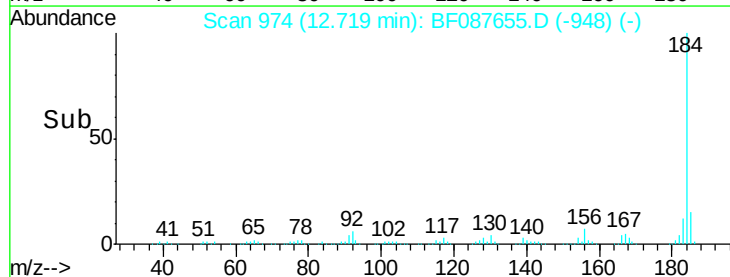
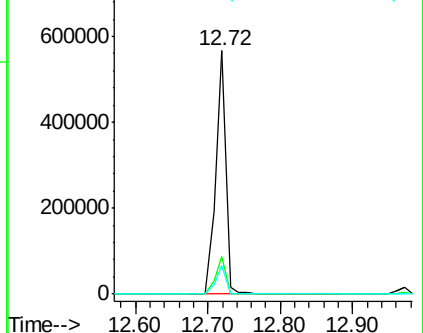
183 11.8 9.3 13.9

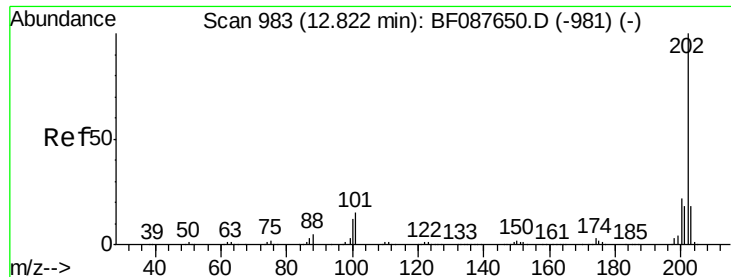


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.94 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

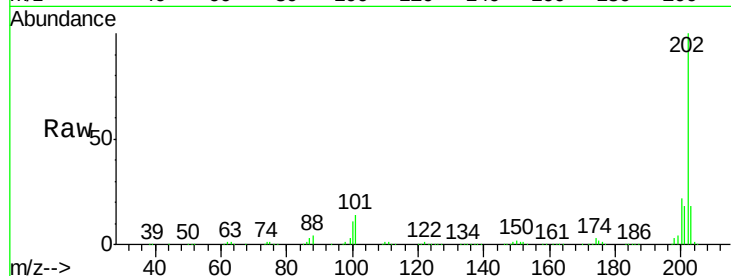
Tgt Ion:202 Resp: 927987

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

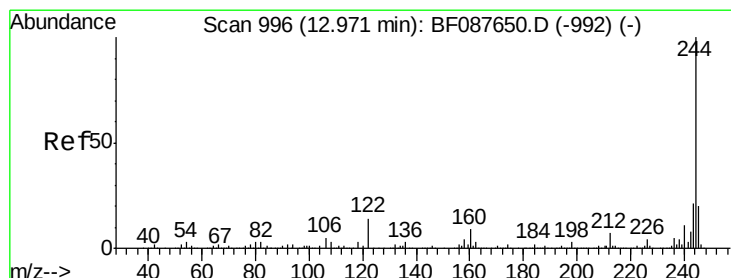
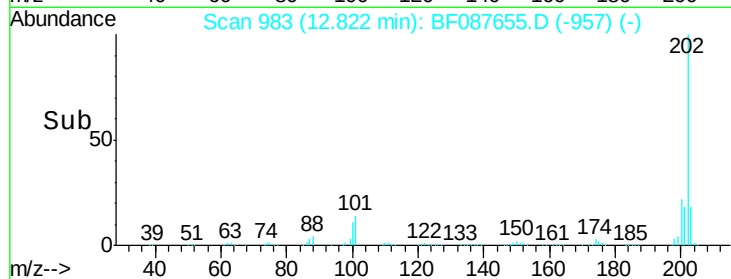
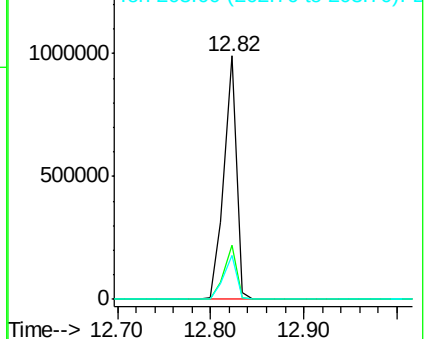
203 17.9 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.35 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

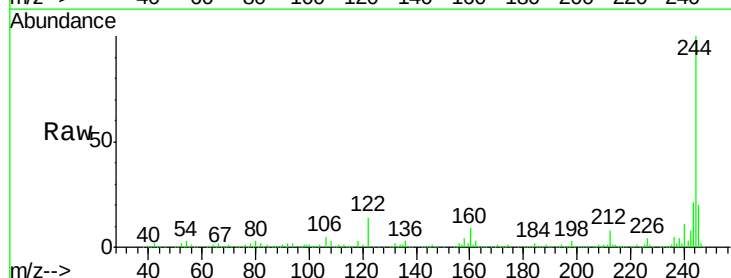
Tgt Ion:244 Resp: 959577

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

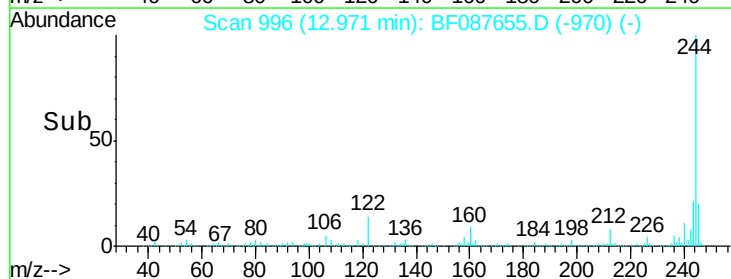
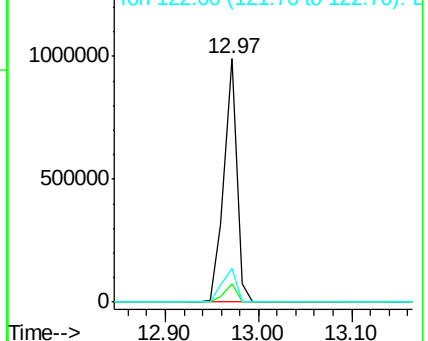
122 13.8 11.2 16.8

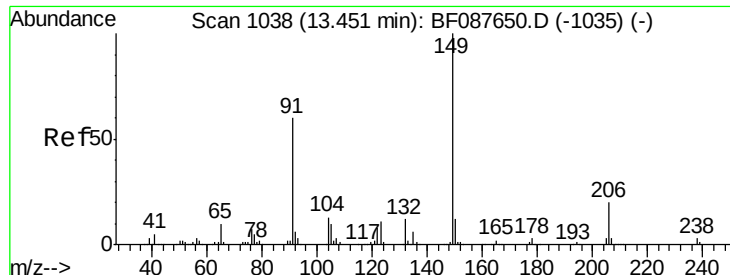


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

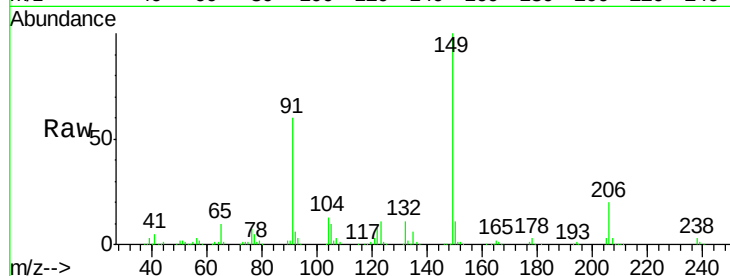




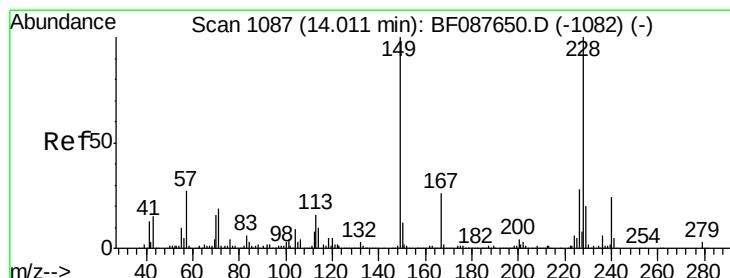
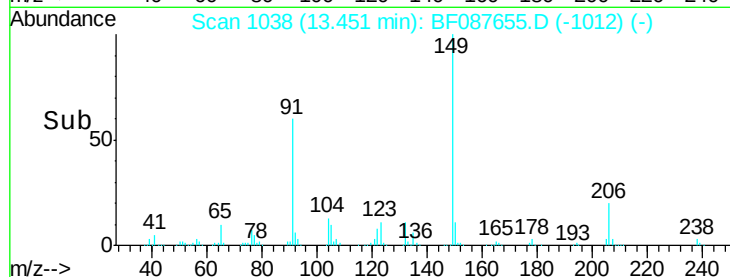
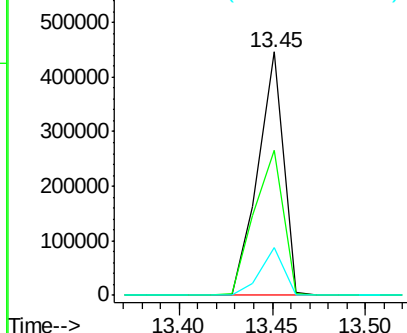
#79
Butylbenzylphthalate
Concen: 44.89 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Instrument :
BNA_F
ClientSampleId :
ICVBF060416

Tgt Ion:149 Resp: 422757
Ion Ratio Lower Upper
149 100
91 59.7 48.0 72.0
206 19.6 16.0 24.0

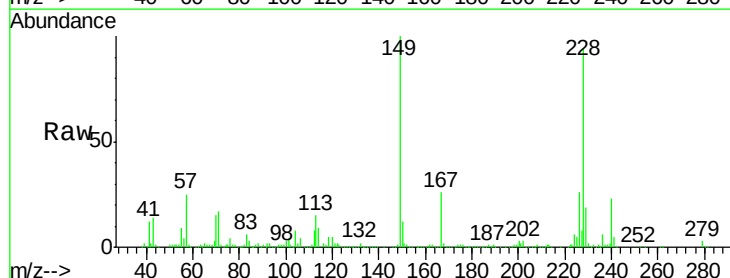


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

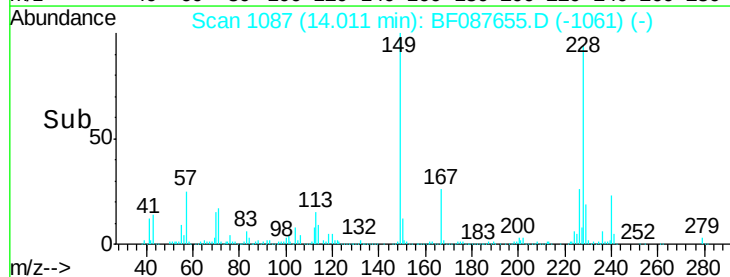
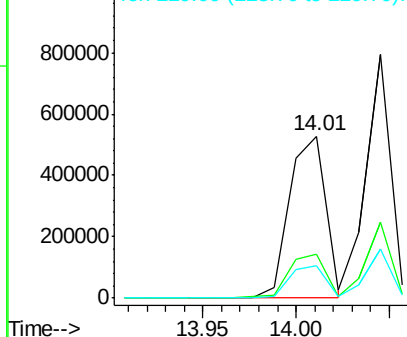


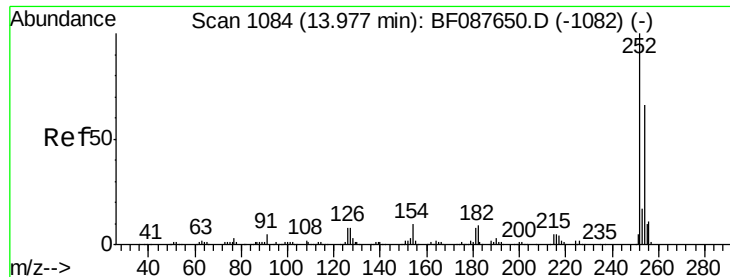
#80
Benzo(a)anthracene
Concen: 40.17 ng
RT: 14.01 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BF087655.D
Acq: 4 Jun 2016 9:43

Tgt Ion:228 Resp: 720385
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.9 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

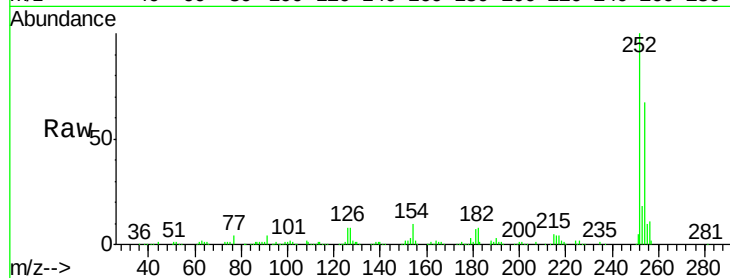




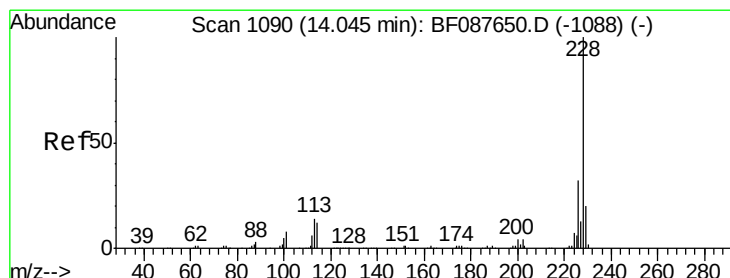
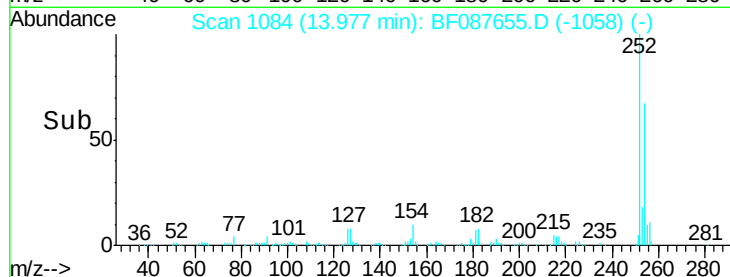
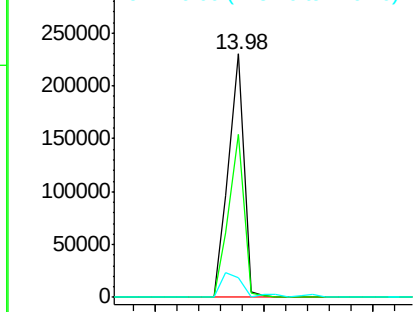
#81
 3,3'-Dichlorobenzidine
 Concen: 45.64 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion: 252 Resp: 230917
 Ion Ratio Lower Upper
 252 100
 254 66.9 52.6 78.8
 126 8.2 6.2 9.2

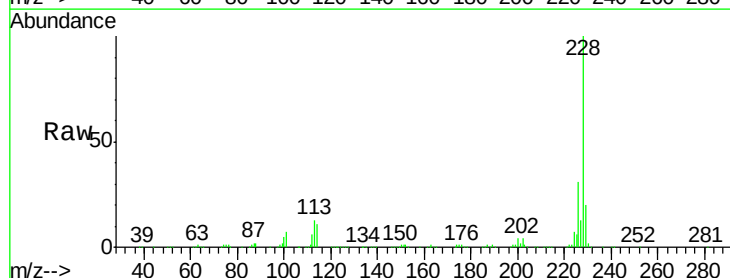


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

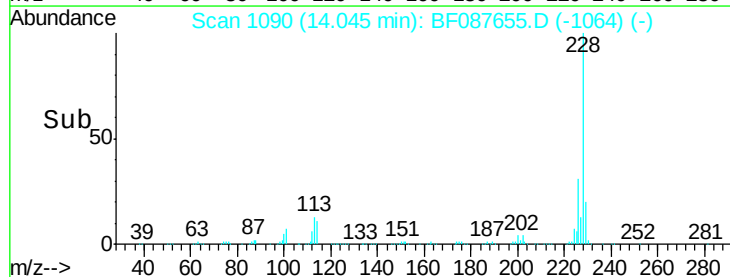
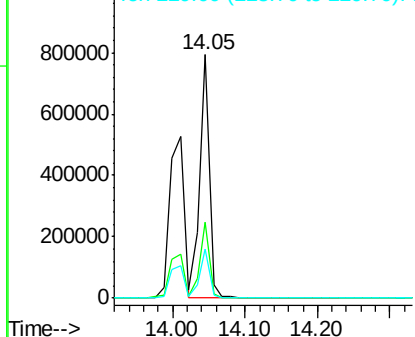


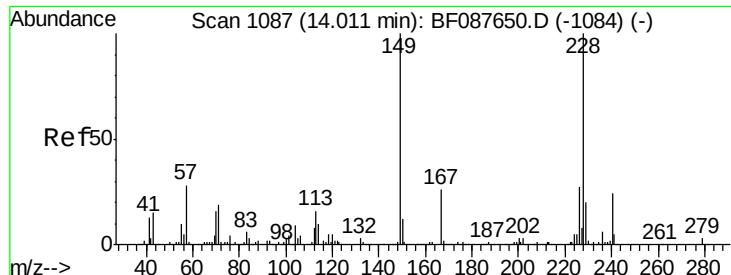
#82
 Chrysene
 Concen: 41.25 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion: 228 Resp: 736276
 Ion Ratio Lower Upper
 228 100
 226 31.3 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

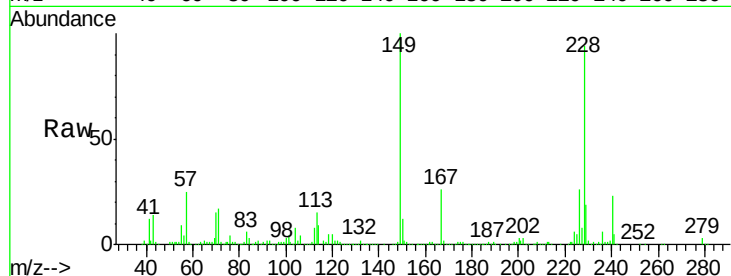




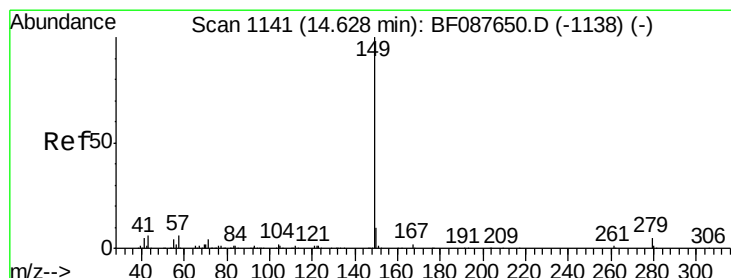
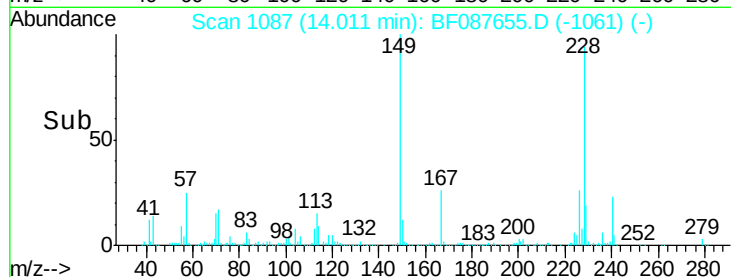
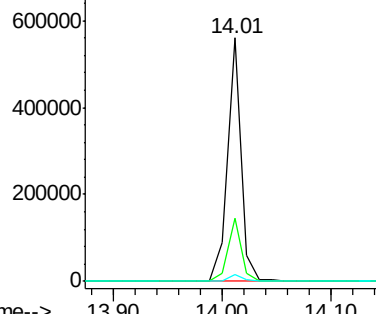
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.88 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

Tgt Ion:149 Resp: 491745
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.5 30.7
 279 2.9 2.0 3.0

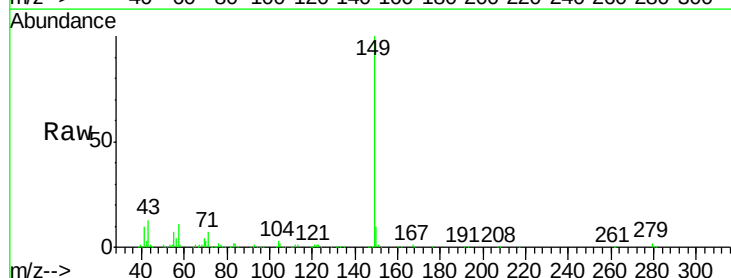


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

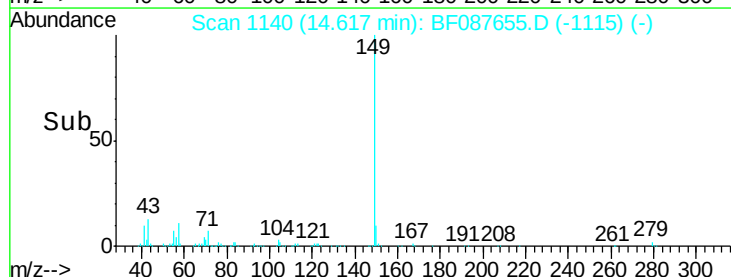
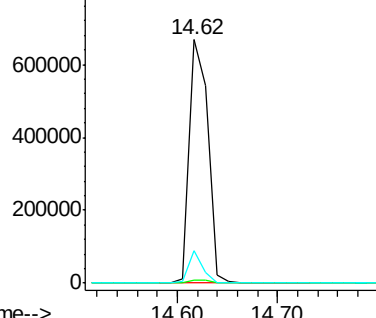


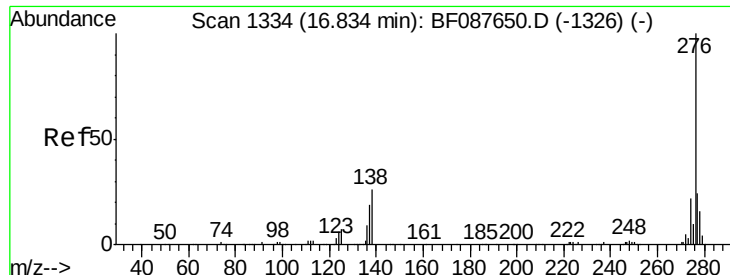
#84
 Di-n-octyl phthalate
 Concen: 41.28 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion:149 Resp: 860068
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.9 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

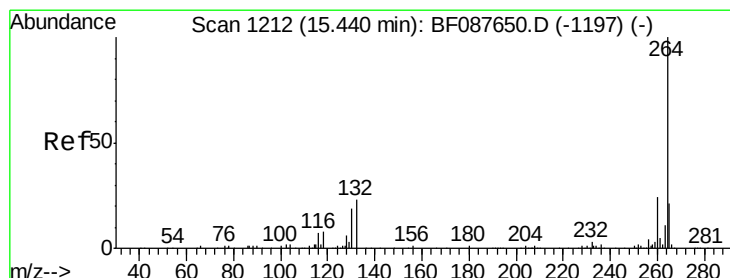
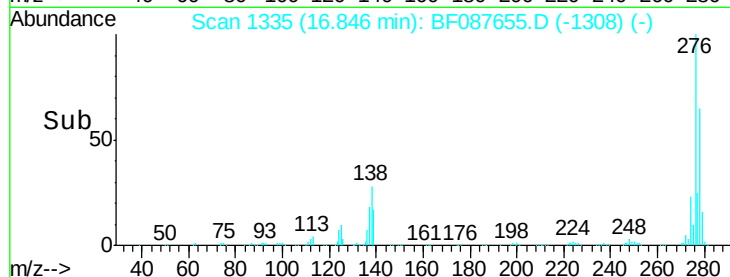
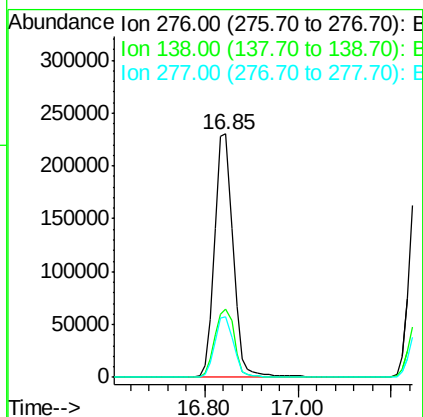
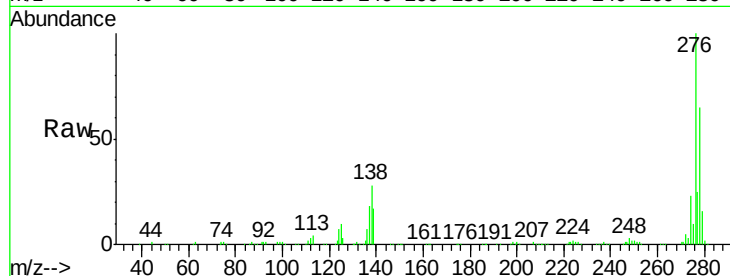




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.18 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

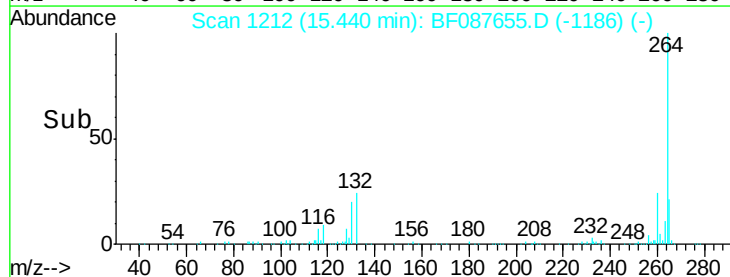
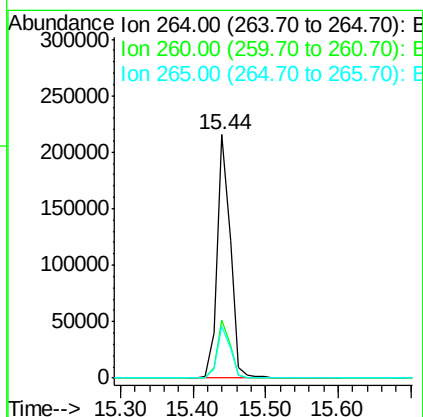
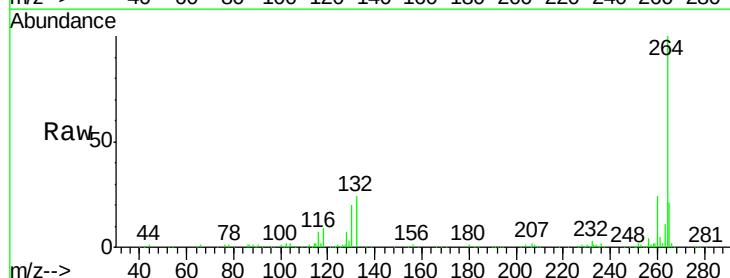
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF060416

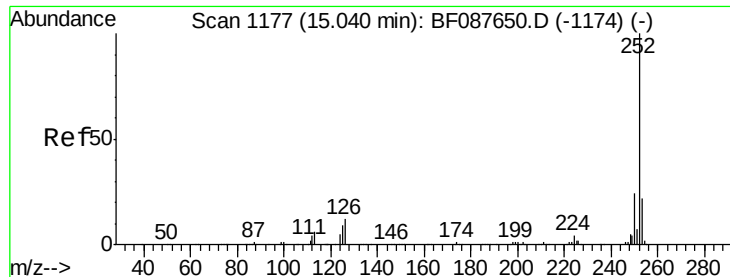
Tgt Ion: 276 Resp: 637143
 Ion Ratio Lower Upper
 276 100
 138 30.0 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087655.D
 Acq: 4 Jun 2016 9:43

Tgt Ion: 264 Resp: 273073
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 74.01 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

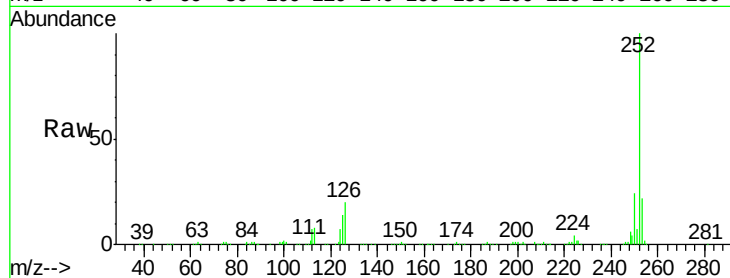
Tgt Ion:252 Resp: 1314681

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

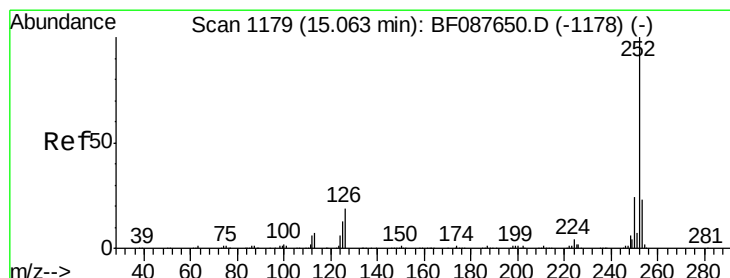
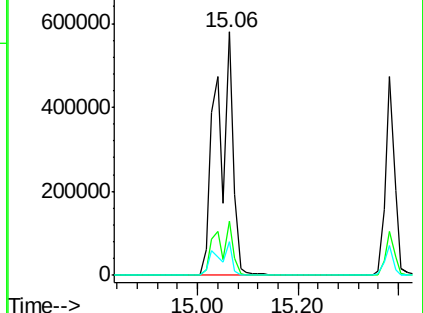
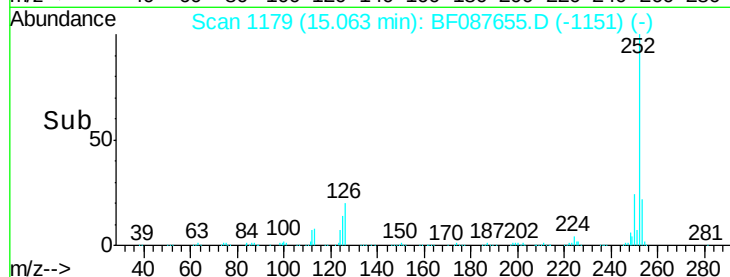
125 13.9 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 88.99 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

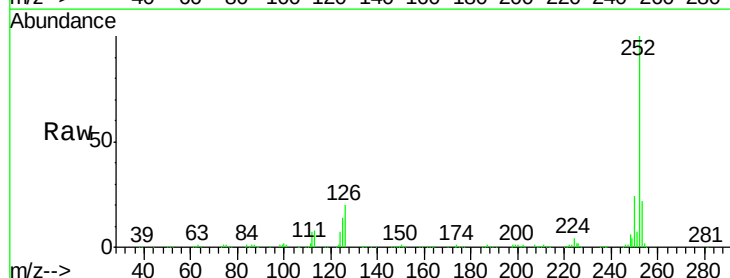
Tgt Ion:252 Resp: 1315196

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

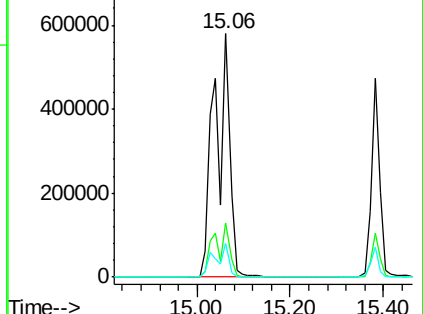
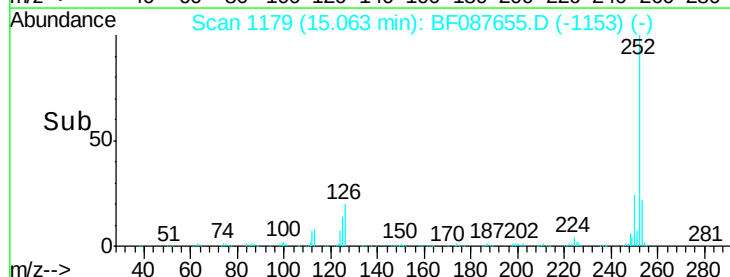
125 13.9 11.2 16.8

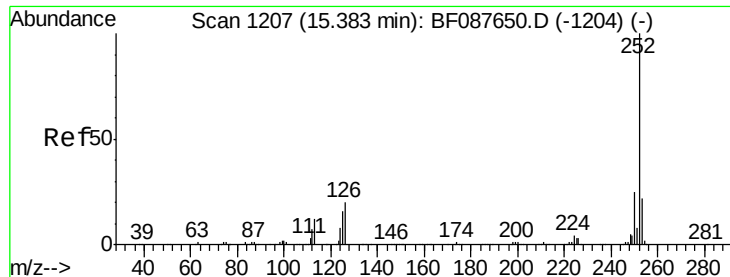


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.75 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416

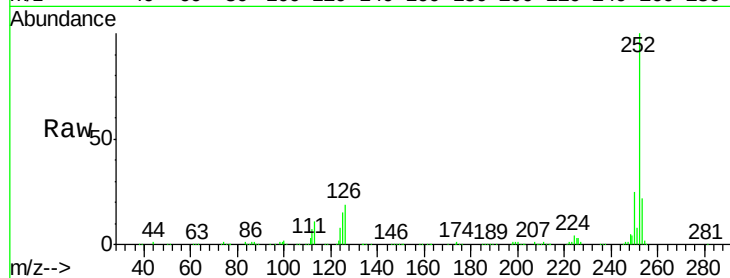
Tgt Ion:252 Resp: 608505

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

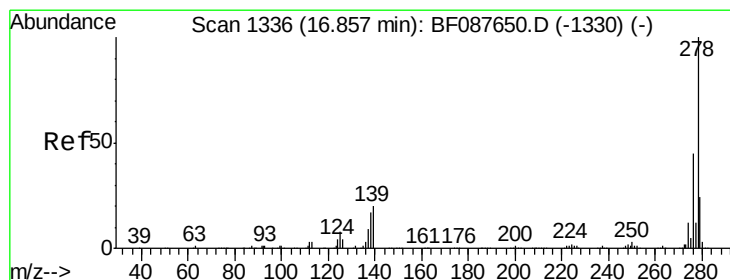
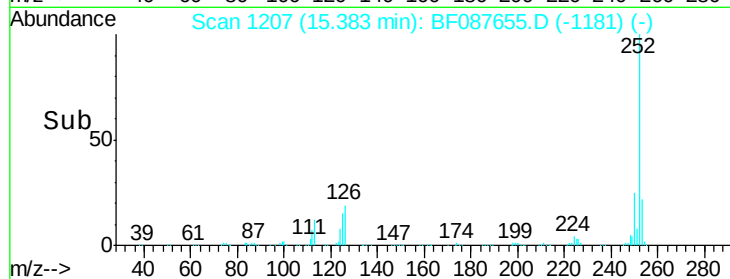
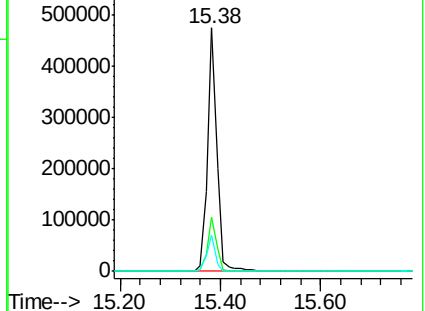
125 15.0 12.5 18.7



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: 42.00 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087655.D

Acq: 4 Jun 2016 9:43

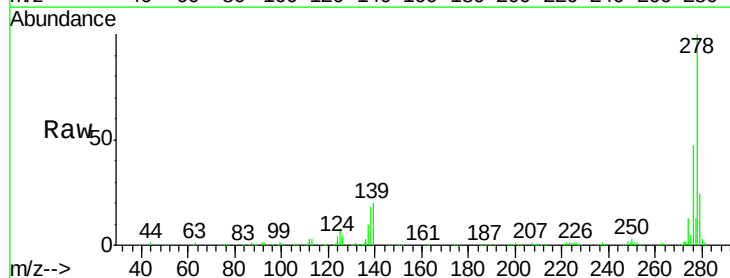
Tgt Ion:278 Resp: 533660

Ion Ratio Lower Upper

278 100

139 20.1 15.7 23.5

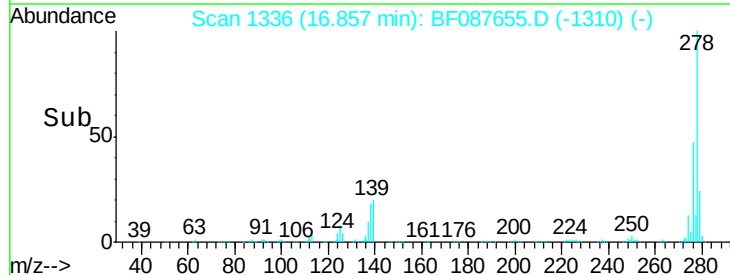
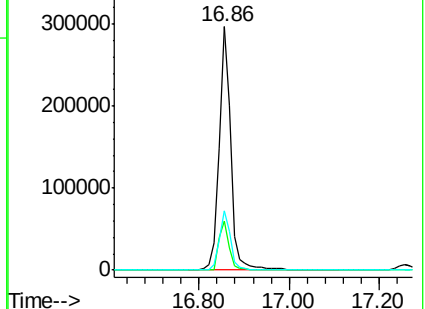
279 24.4 19.4 29.2

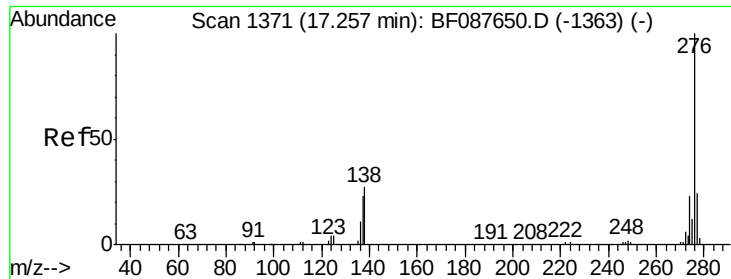


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.03 ng

RT: 17.26 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF087655.D

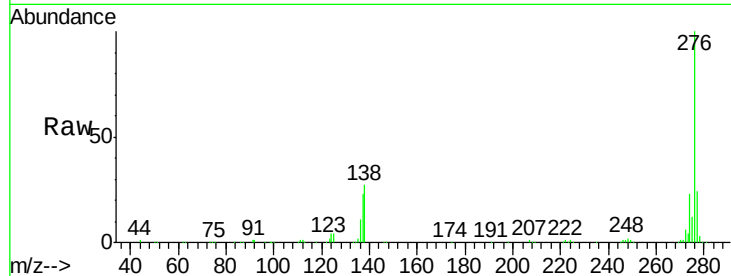
Acq: 4 Jun 2016 9:43

Instrument :

BNA_F

ClientSampleId :

ICVBF060416



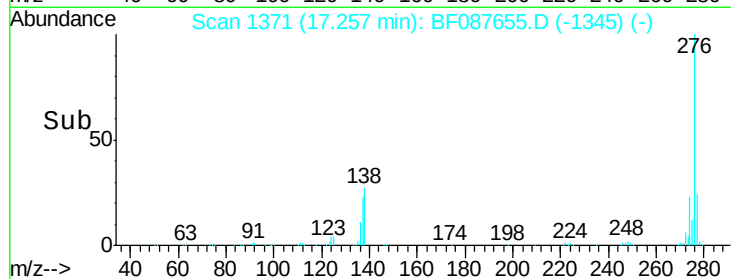
Tgt Ion: 276 Resp: 538810

Ion Ratio Lower Upper

276 100

277 24.4 18.9 28.3

138 26.6 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

