

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087668.D
 Acq On : 4 Jun 2016 16:14
 Operator : UM/SJ
 Sample : PB91075BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Quant Time: Jun 05 00:58:09 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	113598	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	479601	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	221411	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	404464	20.00	ng	0.00
75) Chrysene-d12	14.02	240	300325	20.00	ng	0.00
86) Perylene-d12	15.44	264	269608	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	503677	71.67	ng	0.01
7) Phenol-d6	6.48	99	664057	75.34	ng	-0.01
23) Nitrobenzene-d5	7.43	82	602347	72.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	156655	70.49	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1067546	70.00	ng	-0.01
78) Terphenyl-d14	12.97	244	939268	76.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	99716	29.35	ng	# 18
3) Pyridine	3.29	79	256594	28.59	ng	100
4) n-Nitrosodimethylamine	3.23	42	129624	34.19	ng	98
6) Aniline	6.51	93	245539	19.65	ng	95
8) 2-Chlorophenol	6.64	128	284721	35.20	ng	97
9) Benzaldehyde	6.40	77	18780	3.15	ng	90
10) Phenol	6.50	94	358507	35.72	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	242635	33.27	ng	97
12) 1,3-Dichlorobenzene	6.80	146	301316	34.80	ng	98
13) 1,4-Dichlorobenzene	6.88	146	312866	36.01	ng	98
14) 1,2-Dichlorobenzene	6.88	146	312866	38.41	ng	98
15) Benzyl Alcohol	7.00	79	219065	33.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	361260	33.97	ng	96
17) 2-Methylphenol	7.12	107	249288	38.39	ng	94
18) Hexachloroethane	7.37	117	107804	35.48	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	190775	34.66	ng	96
20) 3+4-Methylphenols	7.27	107	295786	37.18	ng	# 89
22) Acetophenone	7.27	105	372269	34.27	ng	# 83
24) Nitrobenzene	7.44	77	267555	32.25	ng	# 87
25) Isophorone	7.69	82	533741	35.37	ng	94
26) 2-Nitrophenol	7.76	139	134563	34.91	ng	95
27) 2,4-Dimethylphenol	7.80	122	290430	36.35	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	315972	33.01	ng	# 97
29) 2,4-Dichlorophenol	8.00	162	242566	36.97	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	254790	37.08	ng	98
31) Naphthalene	8.17	128	877932	37.65	ng	99
32) Benzoic acid	7.91	122	180889	37.53	ng	97
33) 4-Chloroaniline	8.22	127	161905	15.98	ng	# 93
34) Hexachlorobutadiene	8.30	225	124520	34.86	ng	99
35) Caprolactam	8.58	113	55677	25.83	ng	94
36) 4-Chloro-3-methylphenol	8.70	107	246075	36.26	ng	97
37) 2-Methylnaphthalene	8.86	142	534459	34.71	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	226312	37.09	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	249160	69.42	ng	99

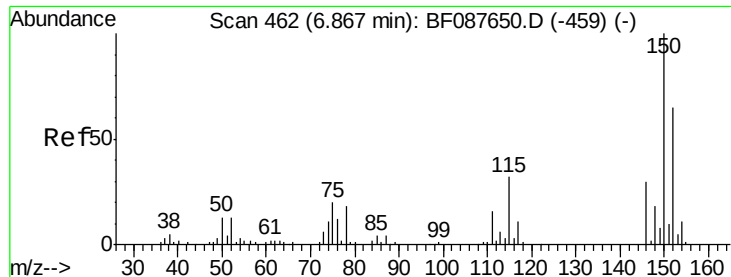
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	160032	34.73	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	166806	38.89	ng	# 91
45) 1,1'-Biphenyl	9.32	154	646031	35.95	ng	99
46) 2-Chloronaphthalene	9.35	162	506970	35.44	ng	99
47) 2-Nitroaniline	9.44	65	141432	35.12	ng	98
48) Acenaphthylene	9.76	152	811475	36.38	ng	100
49) Dimethylphthalate	9.63	163	611703	38.00	ng	99
50) 2,6-Dinitrotoluene	9.69	165	140355	38.32	ng	95
51) Acenaphthene	9.93	154	537629	37.46	ng	100
52) 3-Nitroaniline	9.85	138	93790	22.39	ng	93
53) 2,4-Dinitrophenol	9.95	184	108060	65.74	ng	91
54) Dibenzofuran	10.11	168	746551	38.21	ng	100
55) 4-Nitrophenol	10.01	139	259002	72.34	ng	89
56) 2,4-Dinitrotoluene	10.09	165	201212	43.15	ng	97
57) Fluorene	10.44	166	536481	35.12	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	138740	37.55	ng	# 55
59) Diethylphthalate	10.33	149	585929	36.25	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	234896	37.30	ng	100
61) 4-Nitroaniline	10.47	138	157557	39.12	ng	98
62) Azobenzene	10.60	77	650686	39.99	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	83316	37.52	ng	93
65) n-Nitrosodiphenylamine	10.56	169	482409	36.41	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	160277	39.96	ng	97
67) Hexachlorobenzene	10.99	284	162075	36.14	ng	97
68) Atrazine	11.08	200	144356	36.79	ng	91
69) Pentachlorophenol	11.19	266	202749	76.08	ng	100
70) Phenanthrene	11.40	178	759690	34.64	ng	99
71) Anthracene	11.46	178	868181	39.51	ng	100
72) Carbazole	11.61	167	746688	35.90	ng	100
73) Di-n-butylphthalate	11.95	149	916700	41.11	ng	100
74) Fluoranthene	12.59	202	862972	39.99	ng	98
76) Benzidine	12.71	184	242727	20.50	ng	97
77) Pyrene	12.82	202	883616	41.32	ng	100
79) Butylbenzylphthalate	13.45	149	390192	42.87	ng	97
80) Benzo(a)anthracene	14.00	228	685153	39.53	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	110961	22.69	ng	98
82) Chrysene	14.05	228	719359	41.70	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	464163	42.85	ng	# 99
84) Di-n-octyl phthalate	14.62	149	812499	40.35	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	581810	40.80	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	699159	39.86	ng	99
88) Benzo(k)fluoranthene	15.04	252	699159	47.91	ng	# 95
89) Benzo(a)pyrene	15.38	252	565126	38.33	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	482659	38.47	ng	99
91) Benzo(g,h,i)perylene	17.26	276	490675	38.76	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

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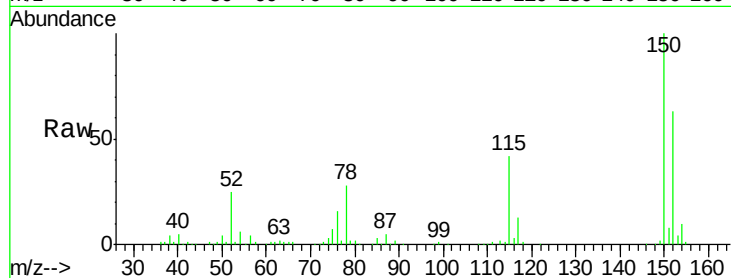
Tgt Ion:152 Resp: 113598

Ion Ratio Lower Upper

152 100

150 158.4 123.8 185.6

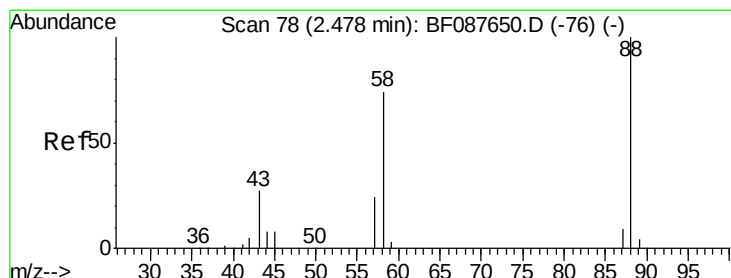
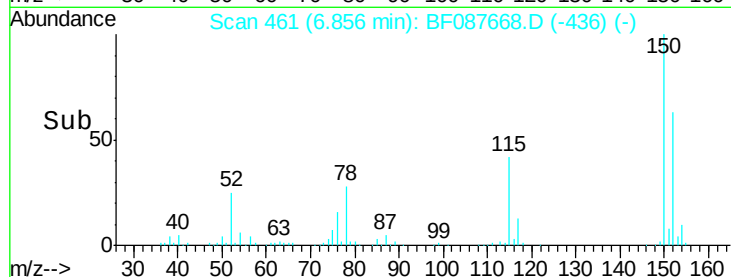
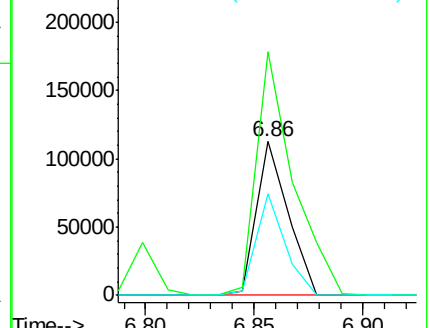
115 66.2 39.6 59.4#



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: 29.35 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

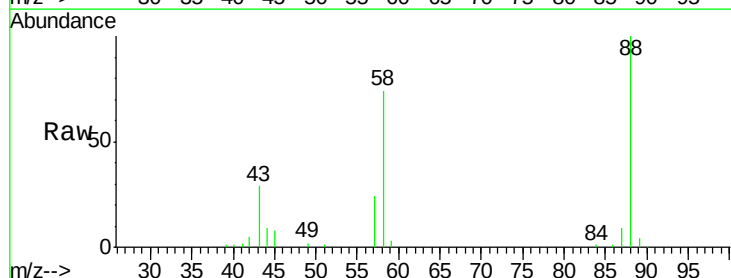
Tgt Ion: 88 Resp: 99716

Ion Ratio Lower Upper

88 100

58 76.1 0.0 0.0#

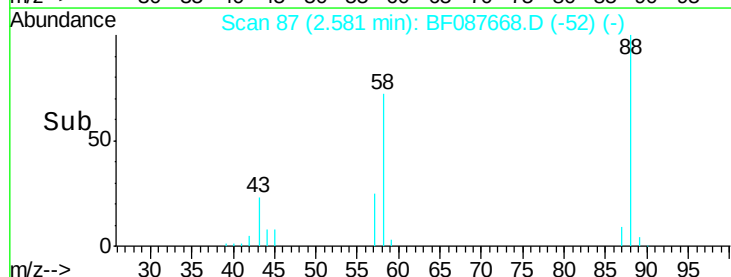
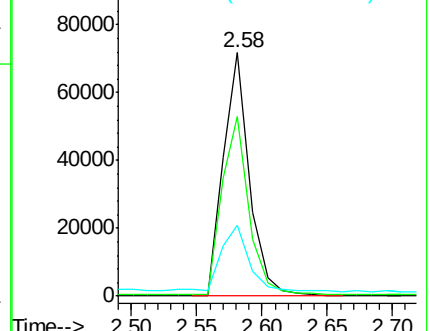
43 31.3 3.4 5.2#

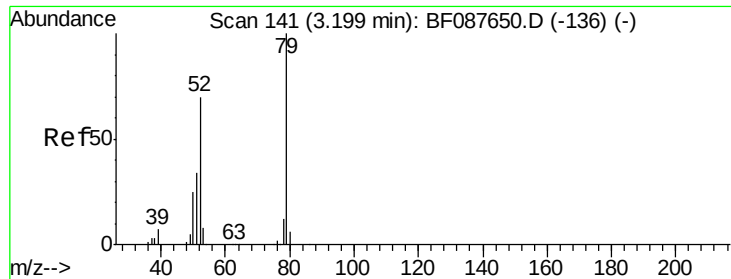


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.59 ng

RT: 3.29 min Scan# 149

Delta R.T. 0.09 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

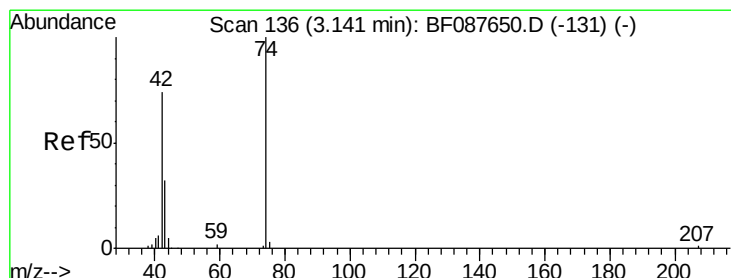
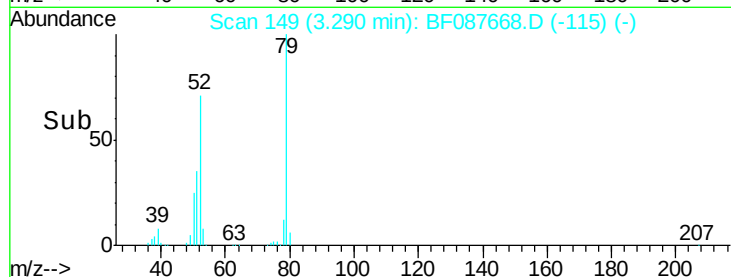
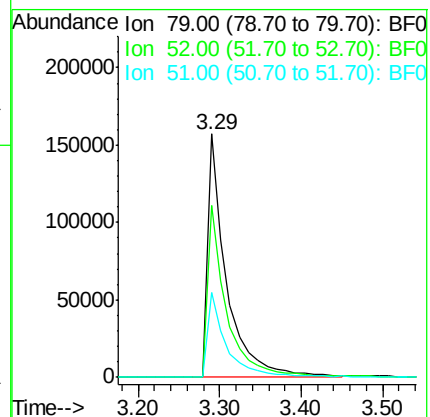
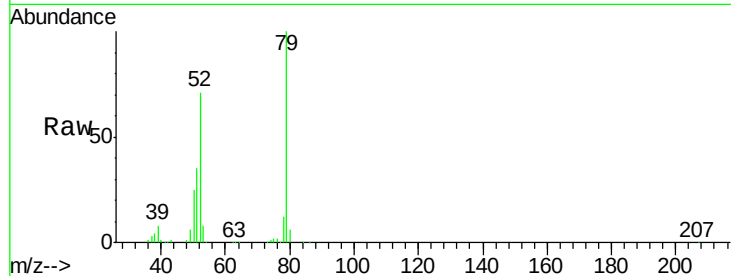
Tgt Ion: 79 Resp: 256594

Ion Ratio Lower Upper

79 100

52 70.6 56.3 84.5

51 34.7 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 34.19 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

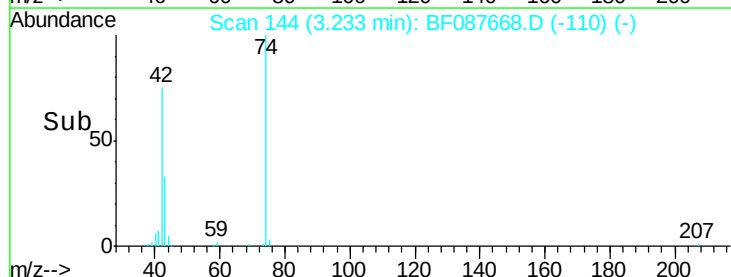
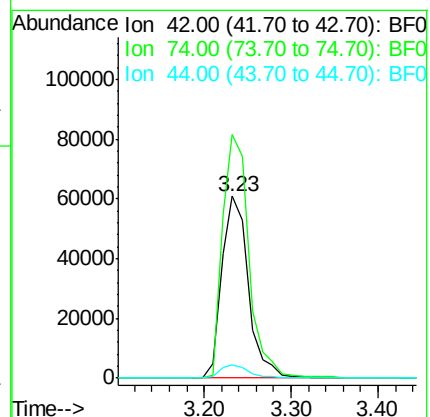
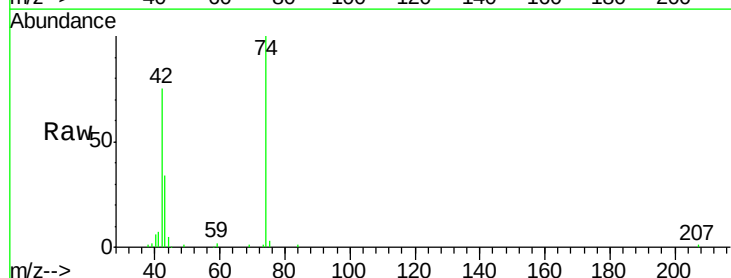
Tgt Ion: 42 Resp: 129624

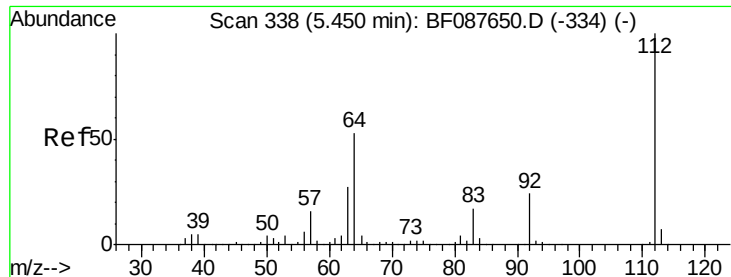
Ion Ratio Lower Upper

42 100

74 133.7 108.6 163.0

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 71.67 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

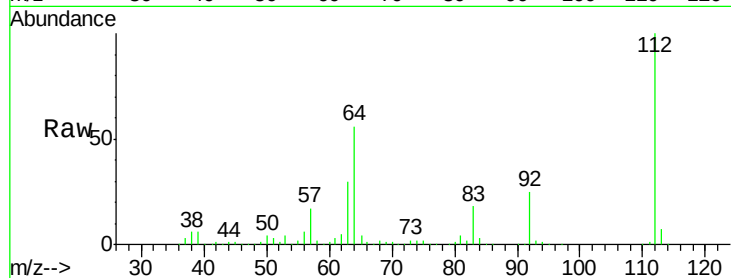
Tgt Ion: 112 Resp: 503677

Ion Ratio Lower Upper

112 100

64 56.3 42.2 63.2

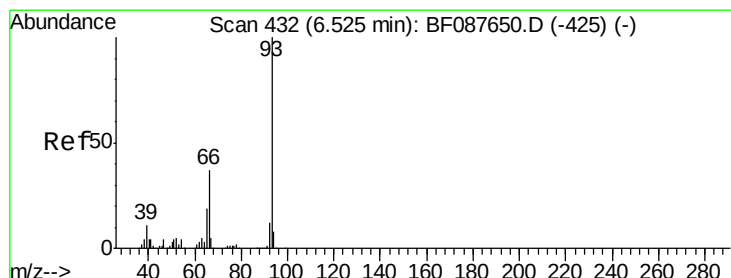
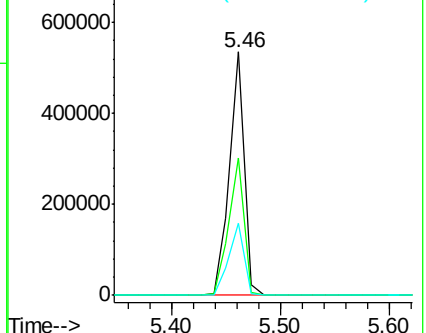
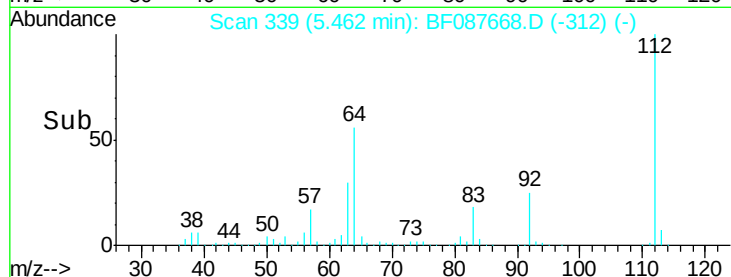
63 29.5 21.8 32.8



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: 19.65 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

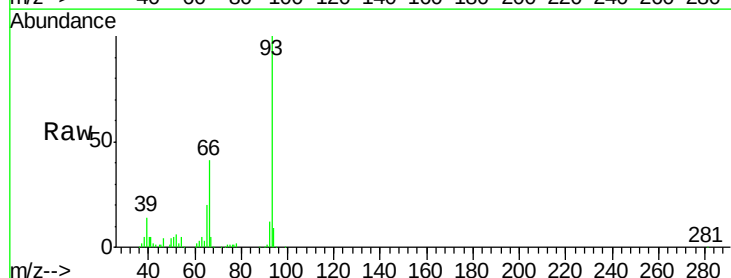
Tgt Ion: 93 Resp: 245539

Ion Ratio Lower Upper

93 100

66 41.0 29.8 44.8

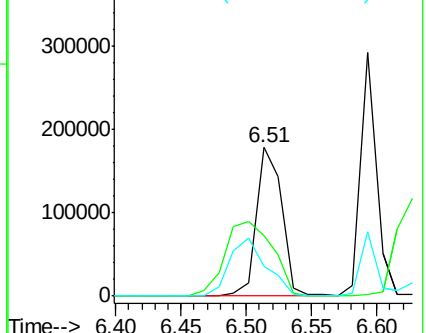
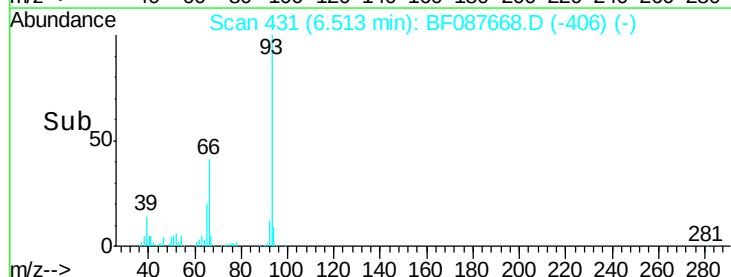
65 20.3 14.9 22.3

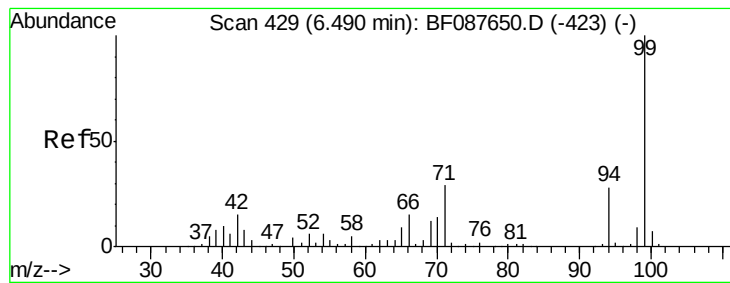


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.34 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampled :

PB91075BS

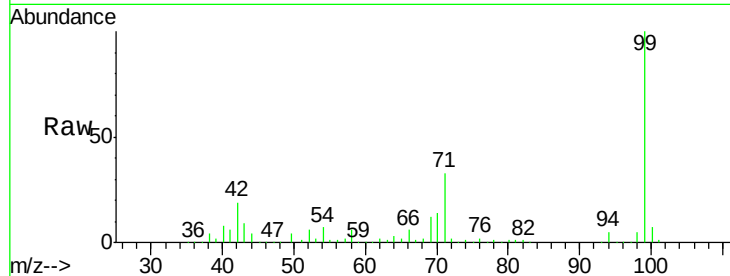
Tgt Ion: 99 Resp: 664057

Ion Ratio Lower Upper

99 100

42 18.6 12.2 18.2#

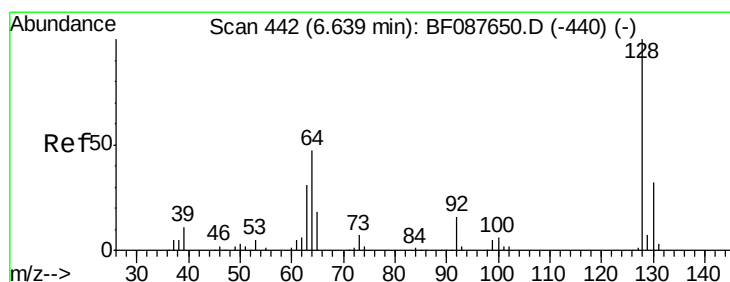
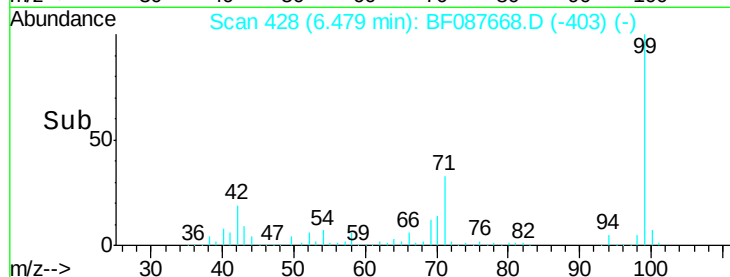
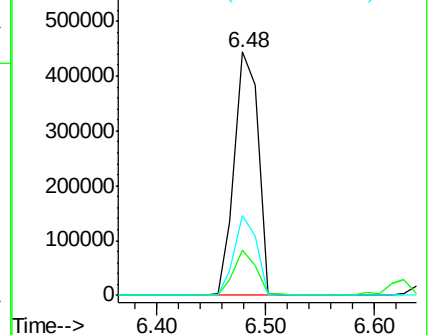
71 32.9 23.4 35.0



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: 35.20 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

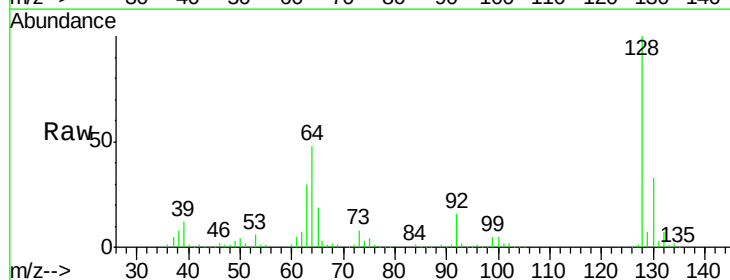
Tgt Ion: 128 Resp: 284721

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

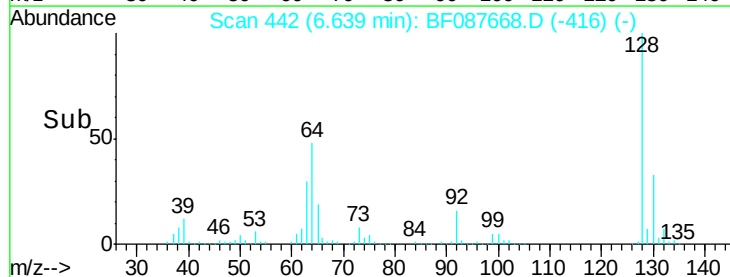
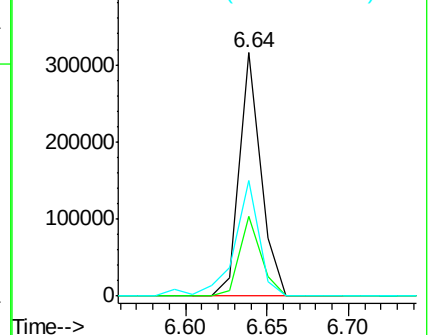
64 47.7 30.8 70.8

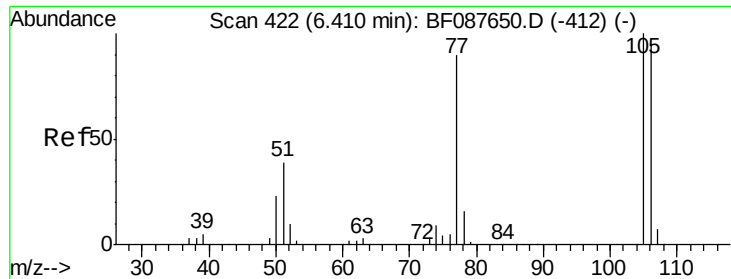


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.15 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

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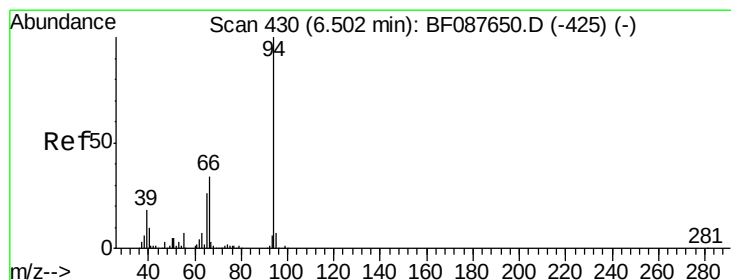
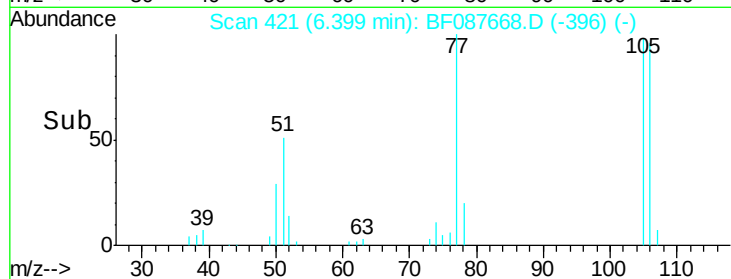
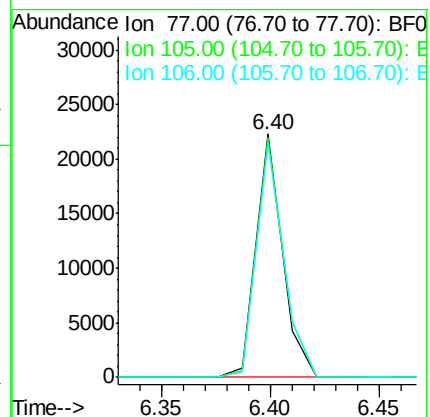
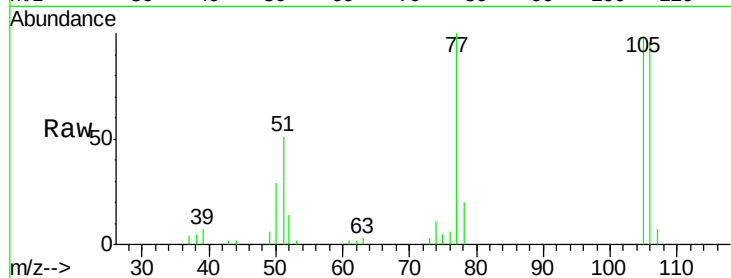
Tgt Ion: 77 Resp: 18780

Ion Ratio Lower Upper

77 100

105 98.2 90.6 130.6

106 96.3 85.3 125.3



#10

Phenol

Concen: 35.72 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

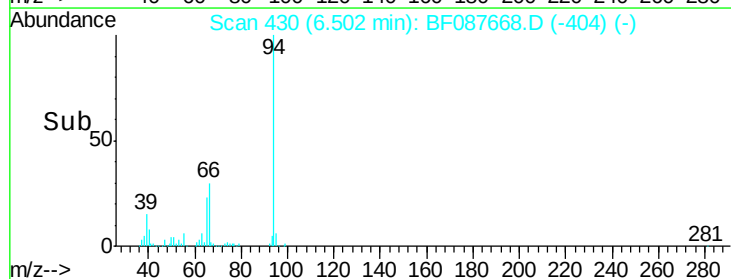
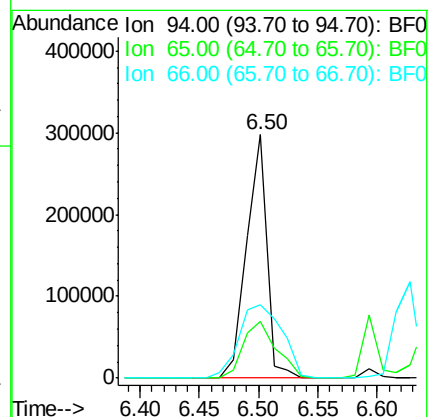
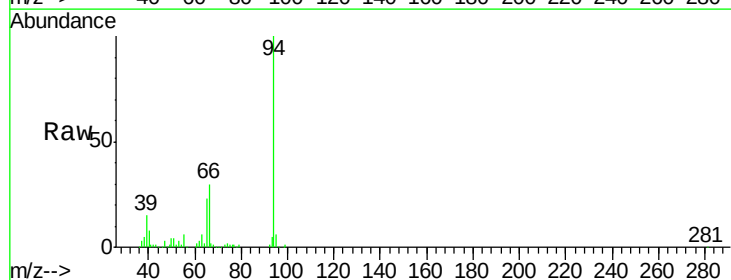
Tgt Ion: 94 Resp: 358507

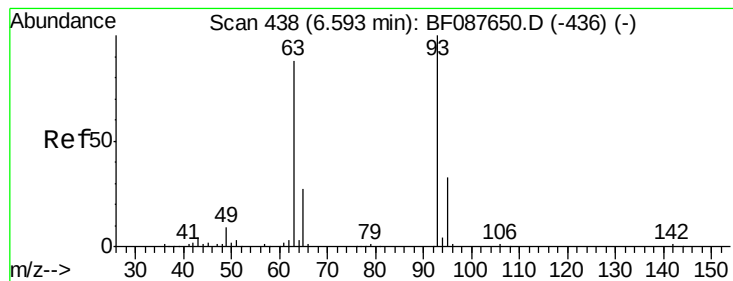
Ion Ratio Lower Upper

94 100

65 23.5 5.9 45.9

66 30.3 14.0 54.0

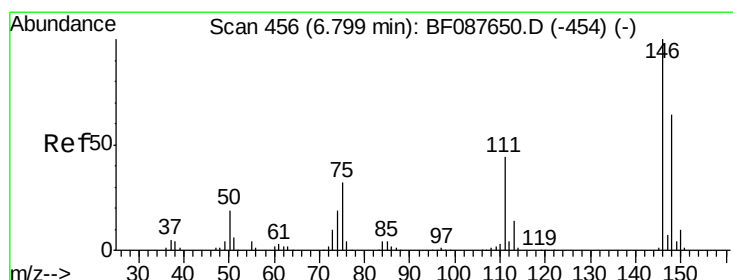
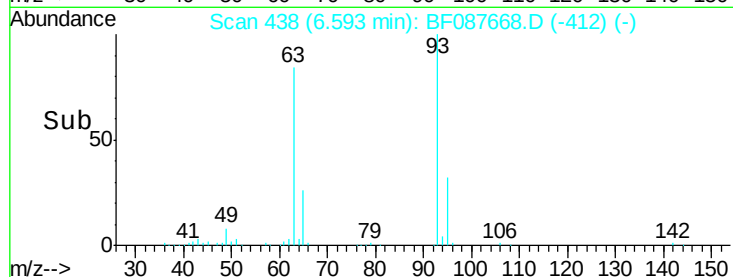
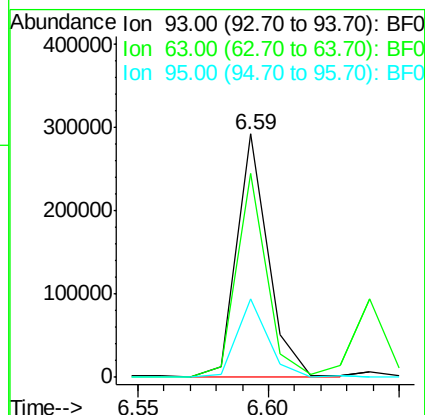
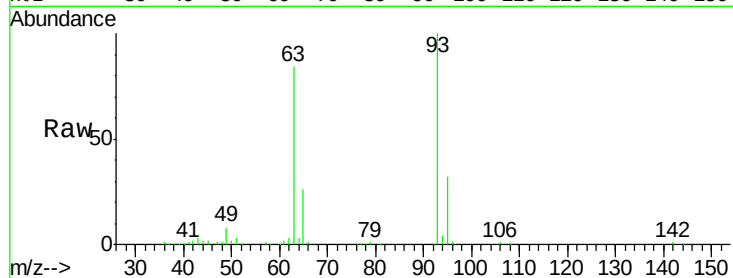




#11
bis(2-Chloroethyl)ether
Concen: 33.27 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

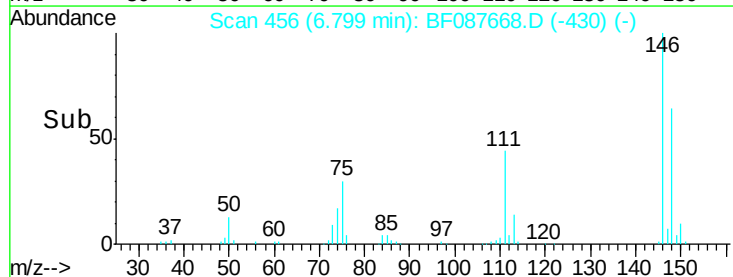
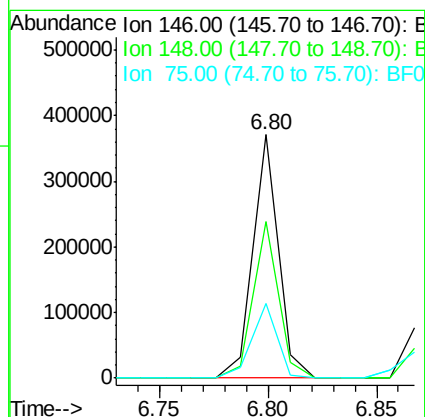
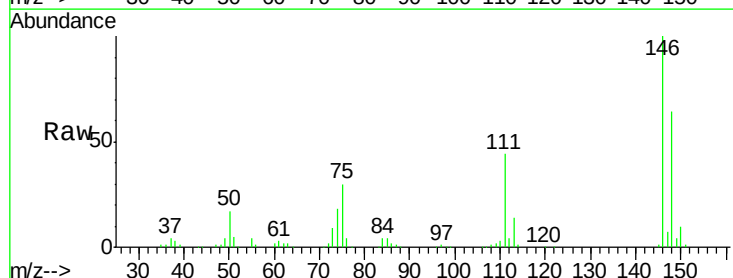
Instrument :
BNA_F
ClientSampleId :
PB91075BS

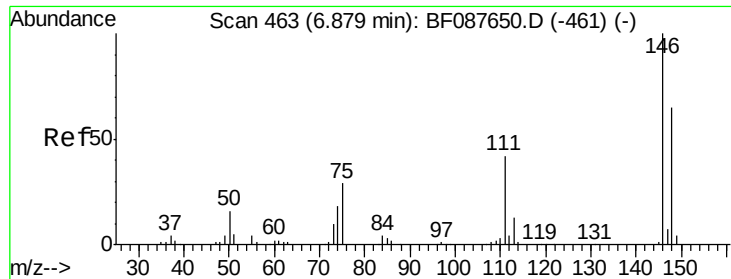
Tgt Ion: 93 Resp: 242635
Ion Ratio Lower Upper
93 100
63 83.7 67.6 107.6
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 34.80 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion: 146 Resp: 301316
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
75 30.5 25.6 38.4

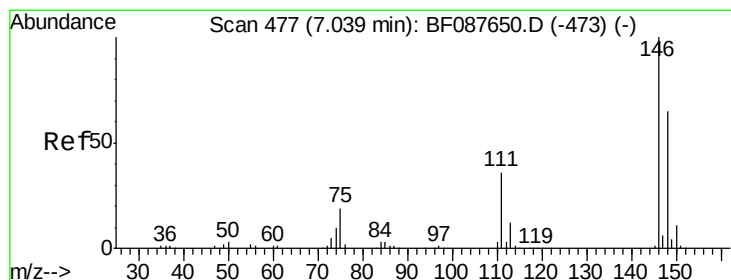
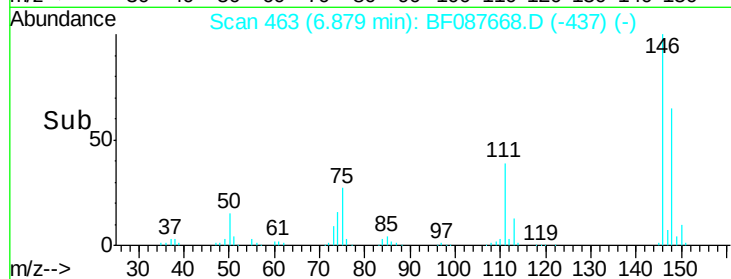
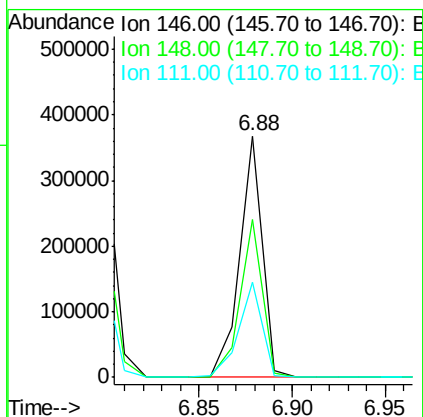
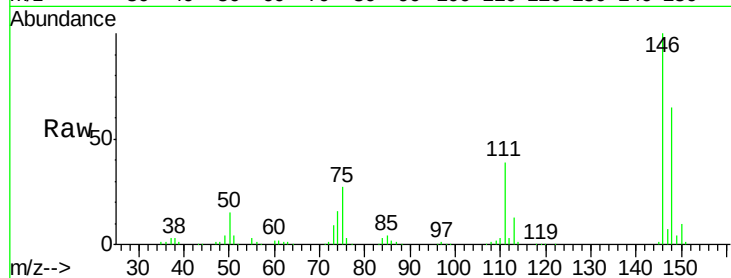




#13
 1,4-Dichlorobenzene
 Concen: 36.01 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

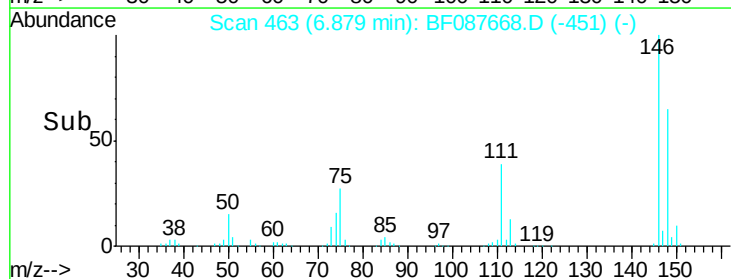
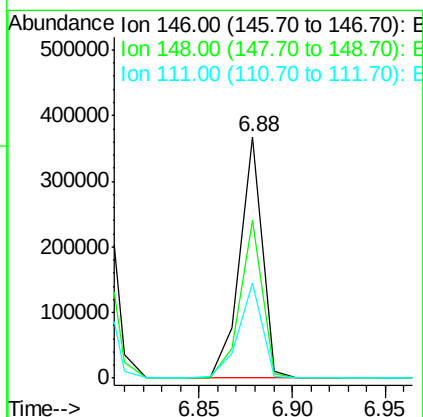
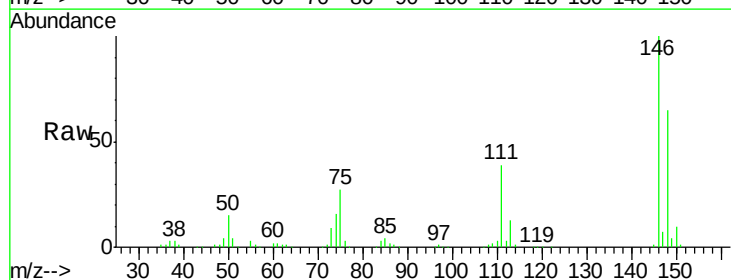
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

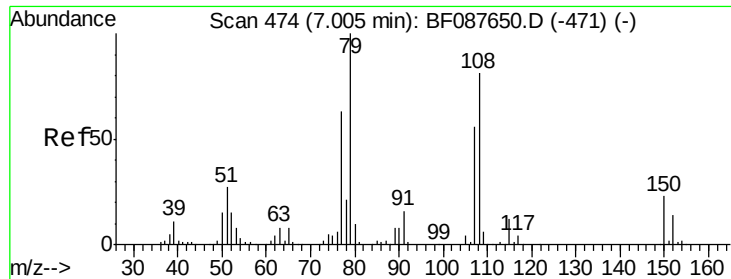
Tgt Ion:146 Resp: 312866
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 39.3 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.41 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:146 Resp: 312866
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.3 28.7 43.1

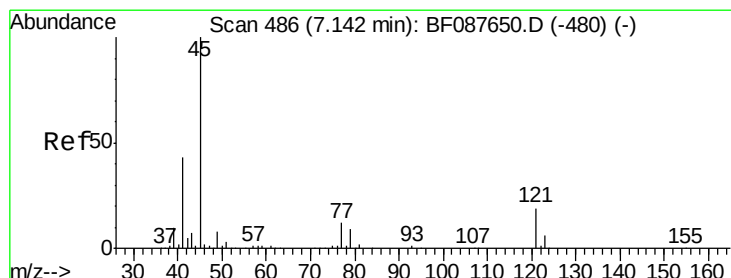
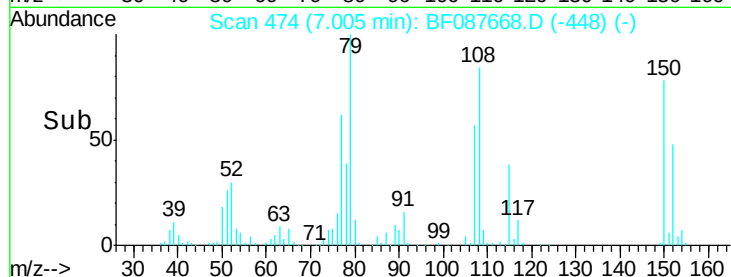
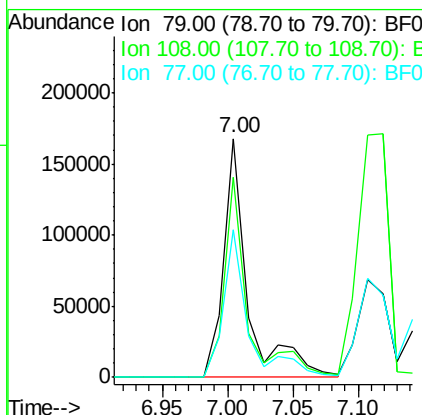
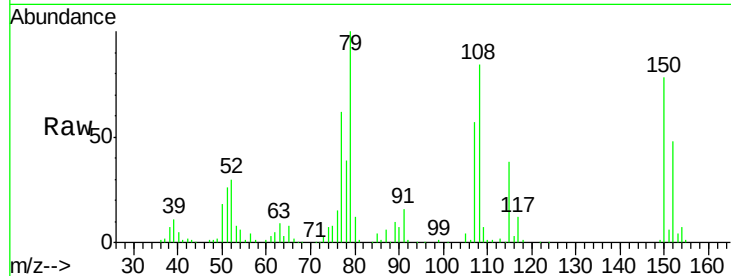




#15
Benzyl Alcohol
Concen: 33.64 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

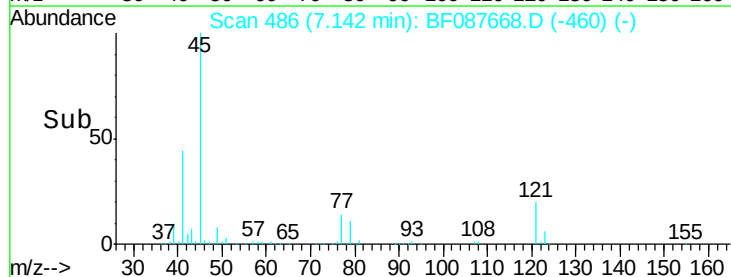
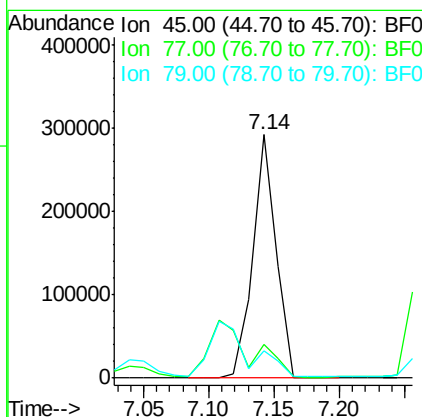
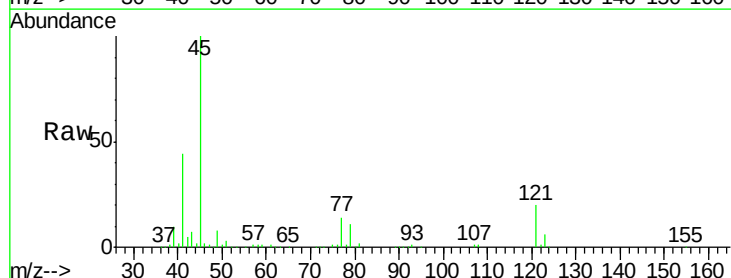
Instrument :
BNA_F
ClientSampleId :
PB91075BS

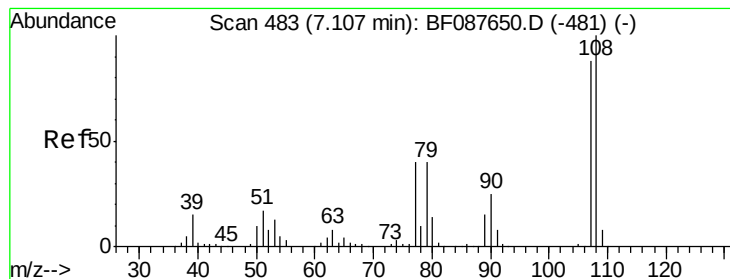
Tgt Ion: 79 Resp: 219065
Ion Ratio Lower Upper
79 100
108 83.7 65.0 97.6
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.97 ng
RT: 7.14 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion: 45 Resp: 361260
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.5
79 11.1 0.0 29.5





#17

2-Methylphenol

Concen: 38.39 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:107 Resp: 249288

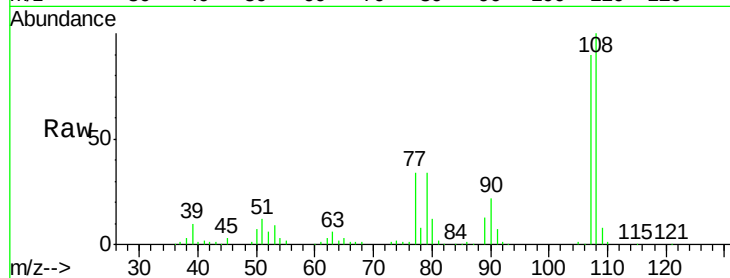
Ion Ratio Lower Upper

107 100

108 111.6 90.9 136.3

77 37.8 36.6 55.0

79 38.2 36.5 54.7

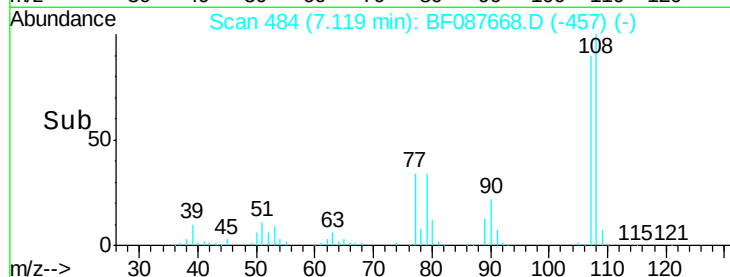


Abundance Ion 107.00 (106.70 to 107.70): E

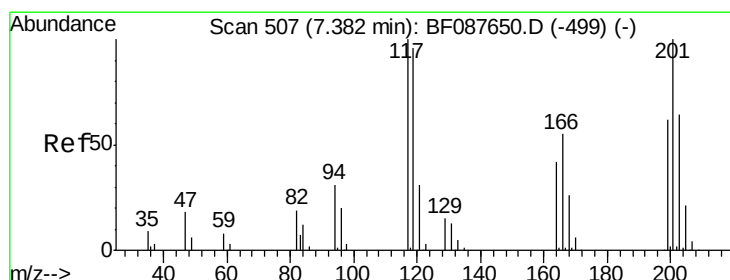
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 35.48 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

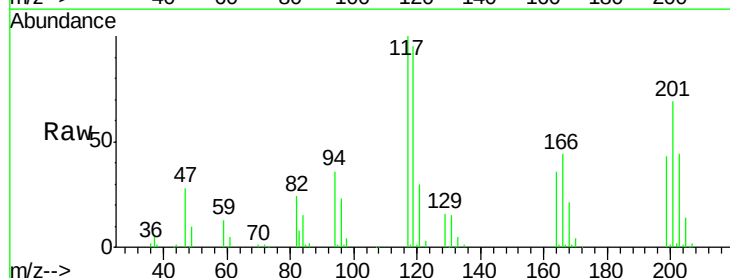
Tgt Ion:117 Resp: 107804

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.2

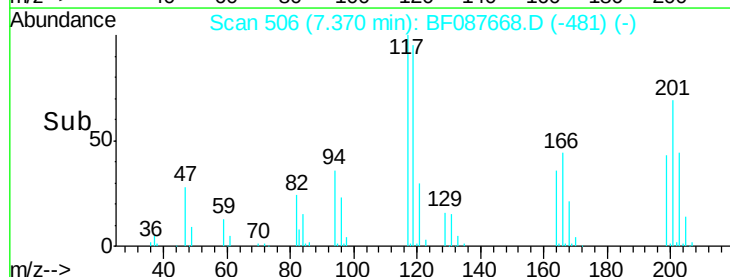
201 69.0 80.4 120.6#



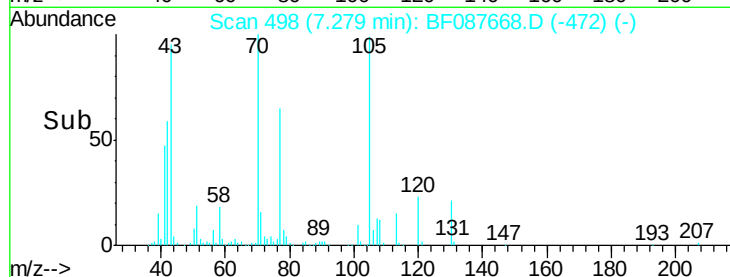
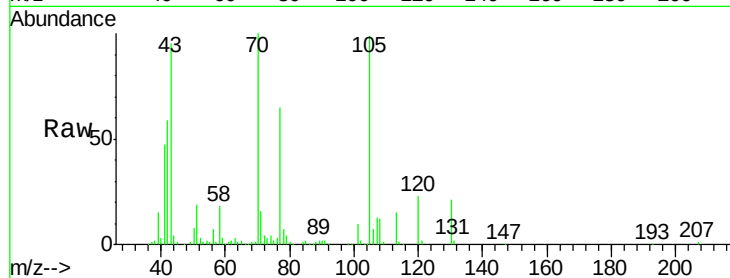
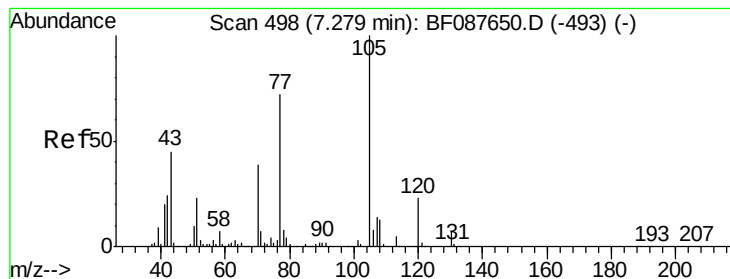
Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.66 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampled :

PB91075BS

Tgt Ion: 70 Resp: 190775

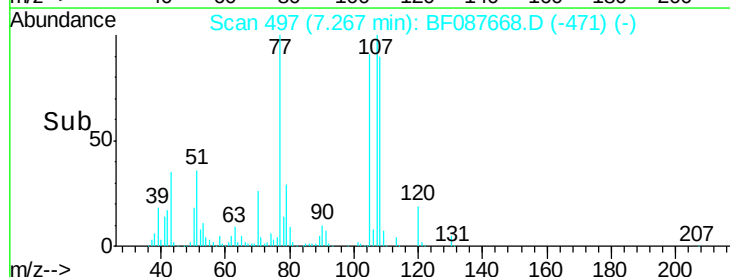
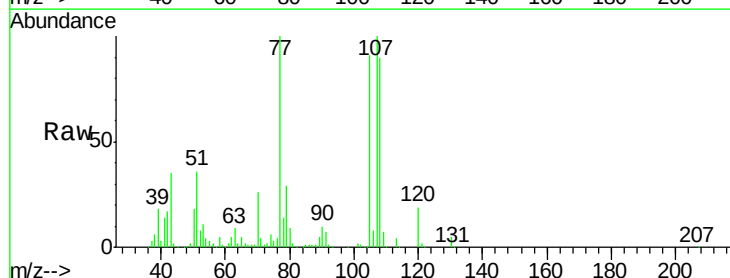
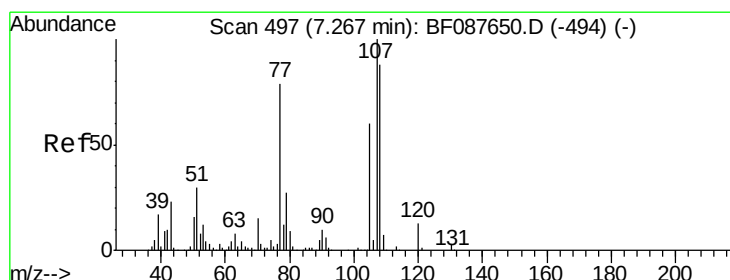
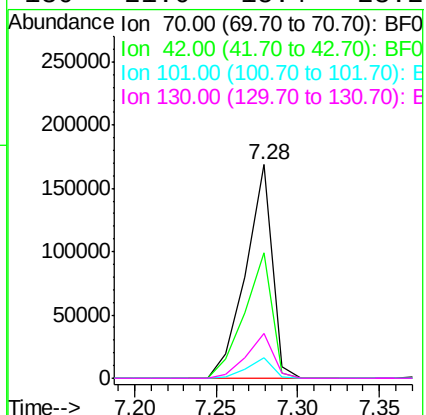
Ion Ratio Lower Upper

70 100

42 58.6 49.6 74.4

101 9.6 7.1 10.7

130 21.0 15.4 23.2



#20

3+4-Methylphenols

Concen: 37.18 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Tgt Ion: 107 Resp: 295786

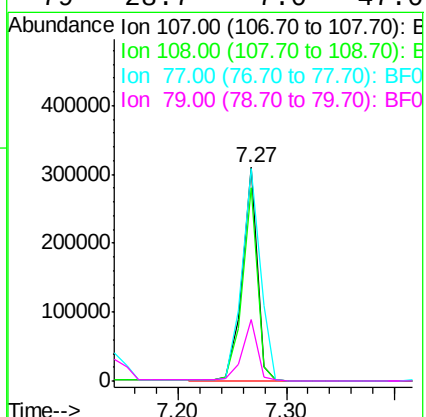
Ion Ratio Lower Upper

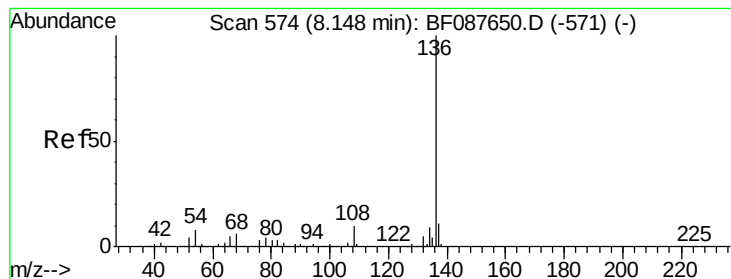
107 100

108 90.4 67.8 107.8

77 99.7 59.3 99.3#

79 28.7 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: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:136 Resp: 479601

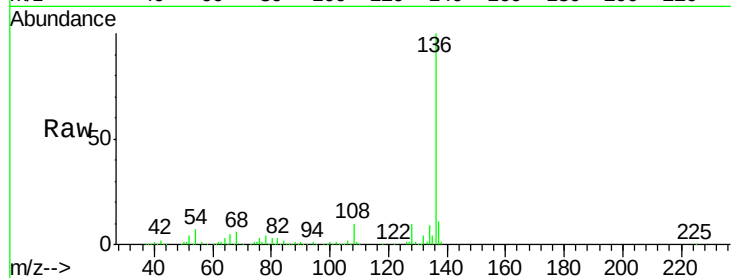
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.1 6.6 10.0

68 5.8 5.1 7.7

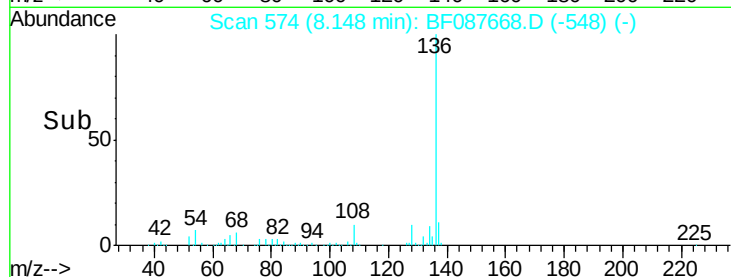


Abundance Ion 136.00 (135.70 to 136.70): E

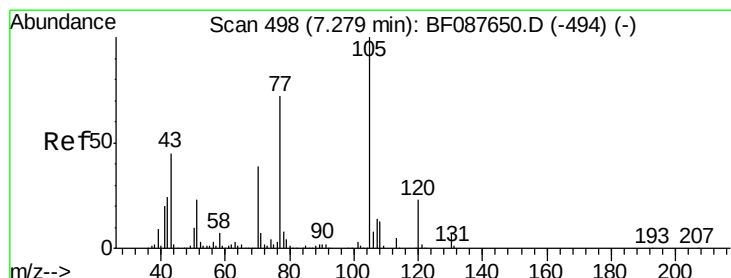
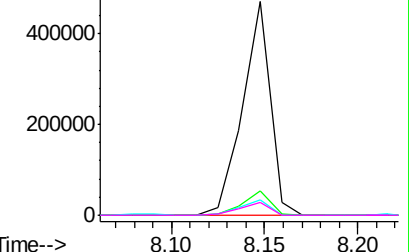
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.27 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Tgt Ion:105 Resp: 372269

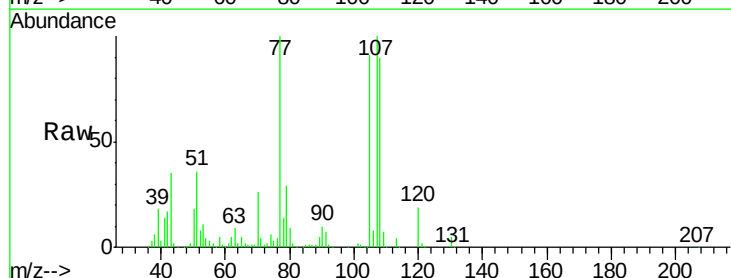
Ion Ratio Lower Upper

105 100

71 4.9 5.3 7.9#

51 40.2 18.2 27.4#

120 21.4 18.0 27.0

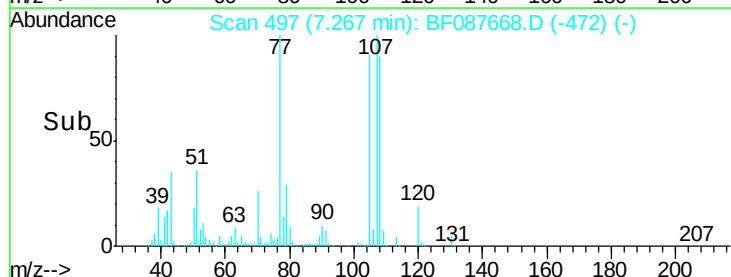


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

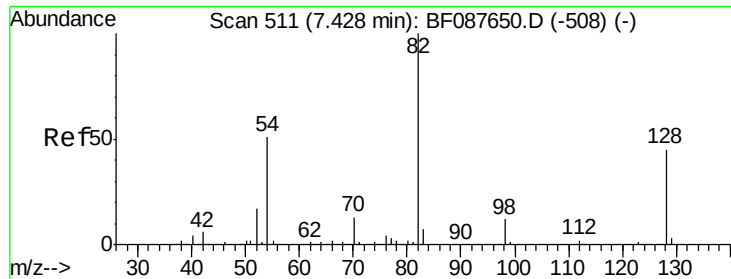
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

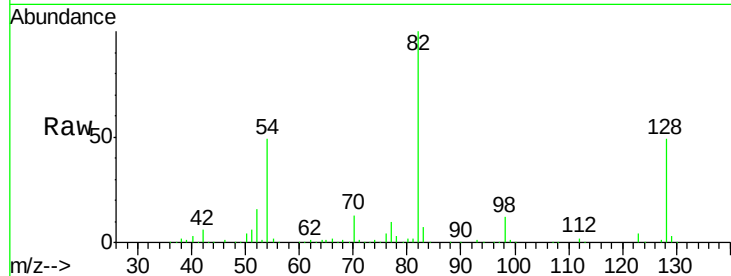




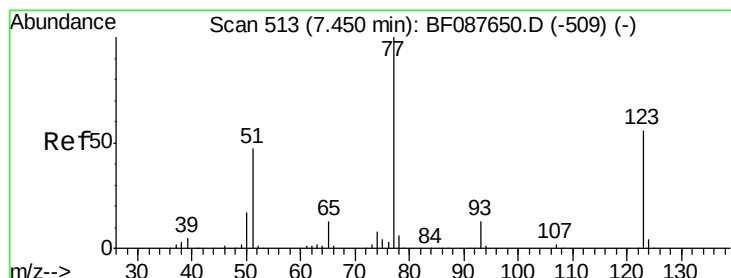
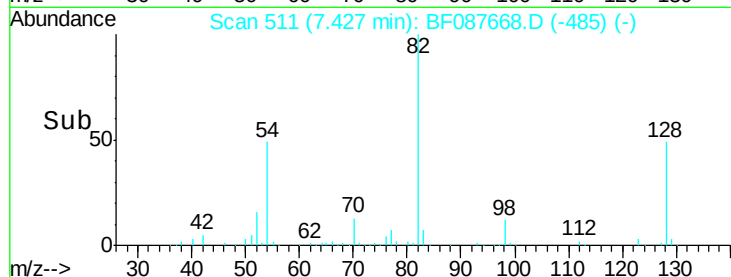
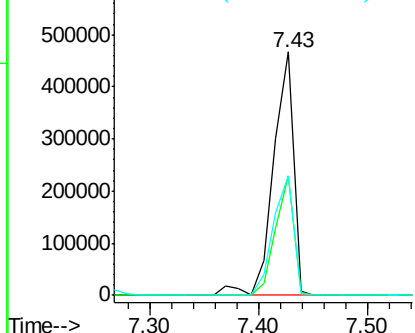
#23
 Nitrobenzene-d5
 Concen: 72.66 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion: 82 Resp: 602347
 Ion Ratio Lower Upper
 82 100
 128 49.0 35.9 53.9
 54 49.0 40.9 61.3

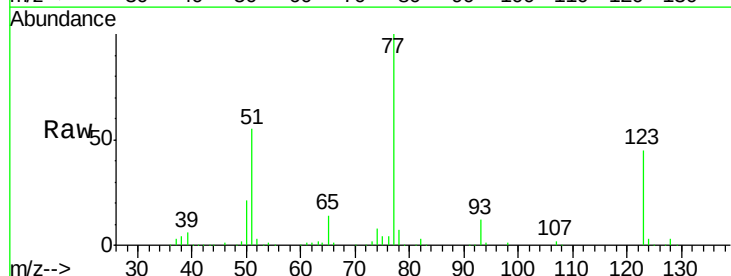


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

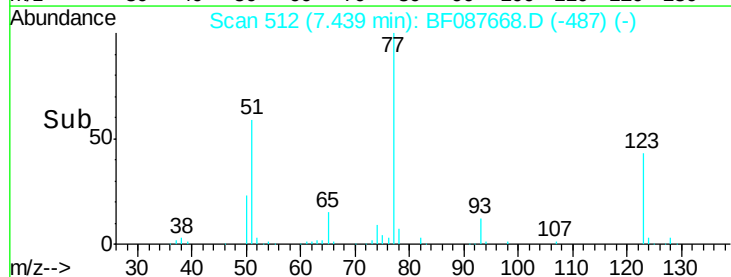
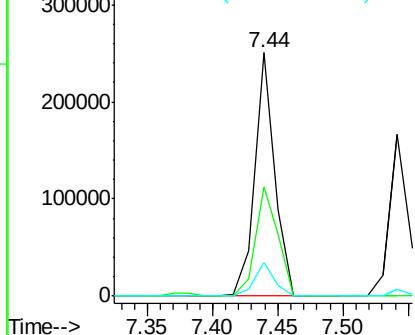


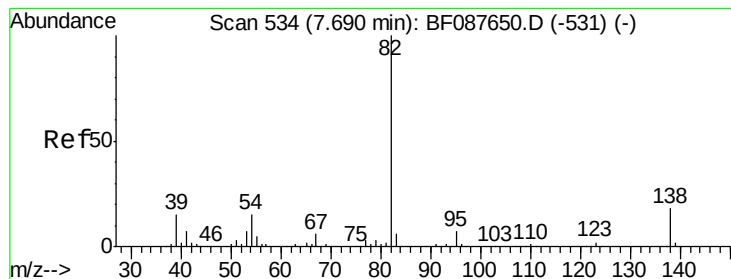
#24
 Nitrobenzene
 Concen: 32.25 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion: 77 Resp: 267555
 Ion Ratio Lower Upper
 77 100
 123 44.7 45.0 67.4#
 65 13.8 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: 35.37 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

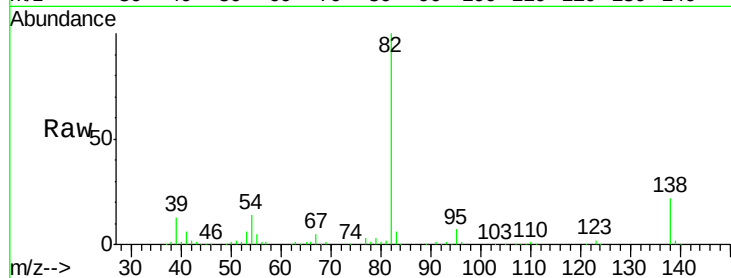
Tgt Ion: 82 Resp: 533741

Ion Ratio Lower Upper

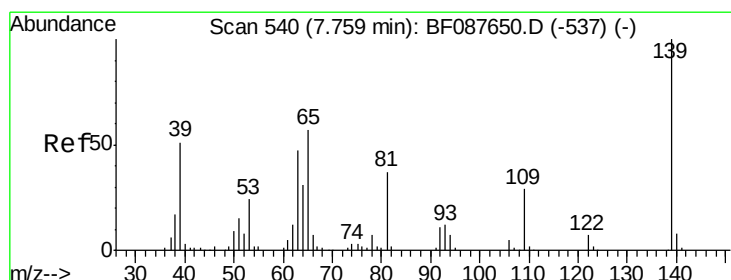
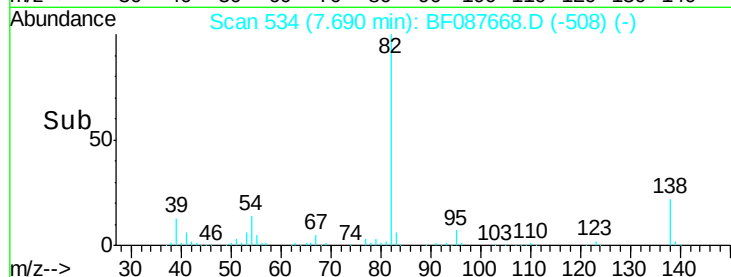
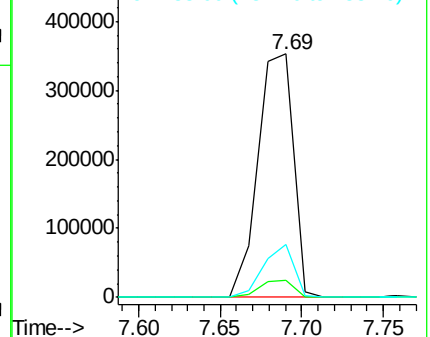
82 100

95 7.1 5.4 8.2

138 21.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 34.91 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

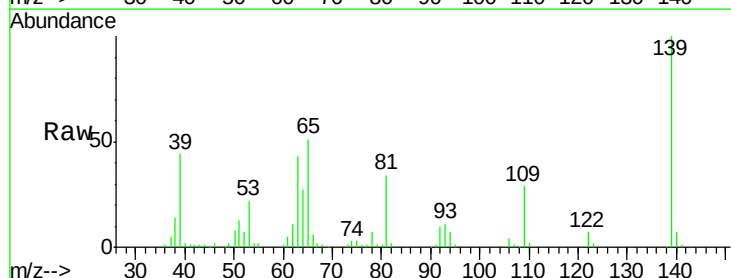
Tgt Ion: 139 Resp: 134563

Ion Ratio Lower Upper

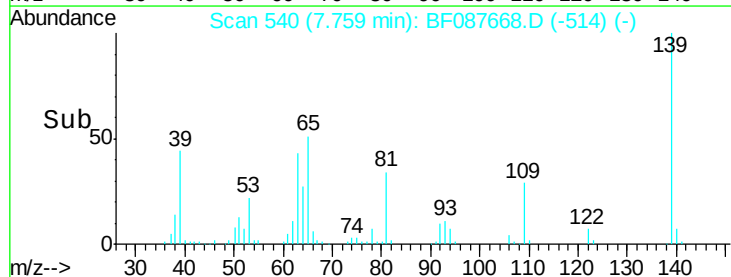
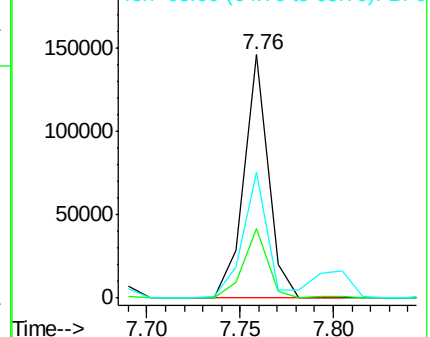
139 100

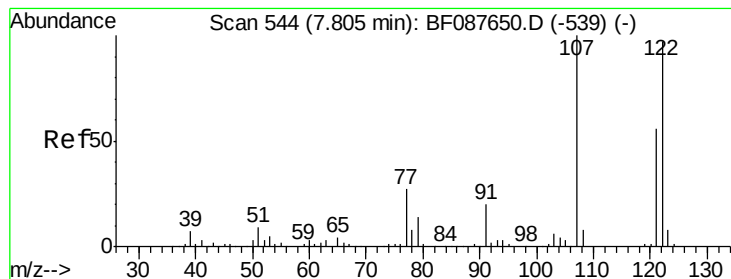
109 28.5 23.0 34.4

65 51.5 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

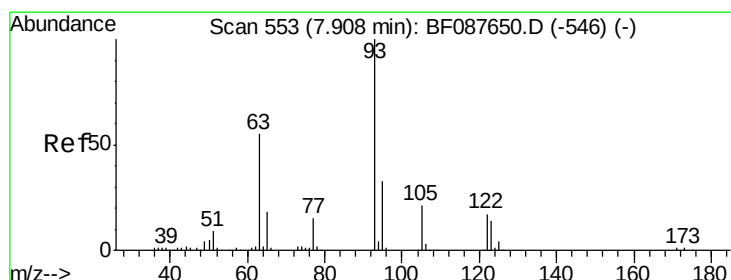
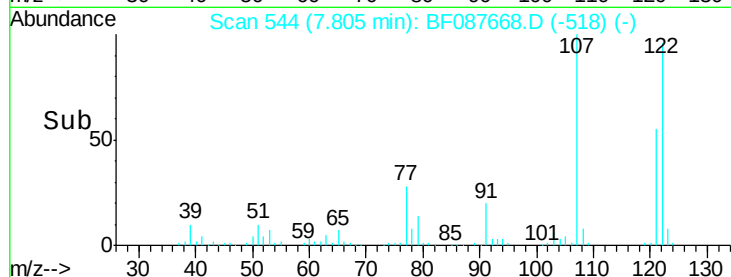
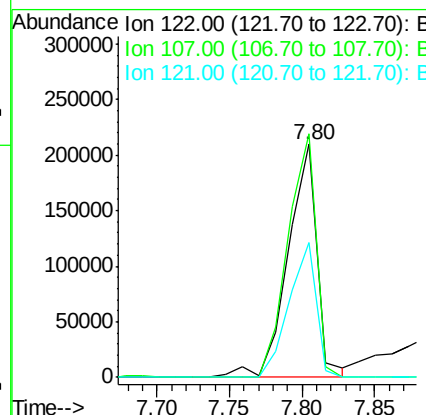
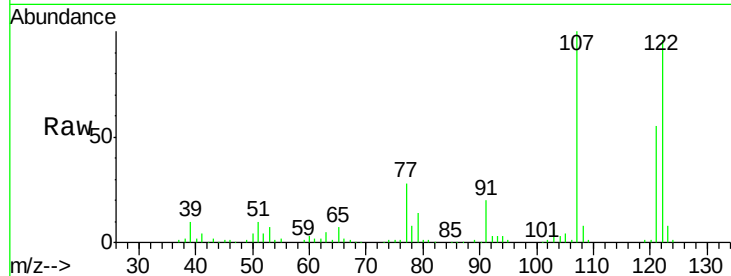




#27
 2,4-Dimethylphenol
 Concen: 36.35 ng
 RT: 7.80 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

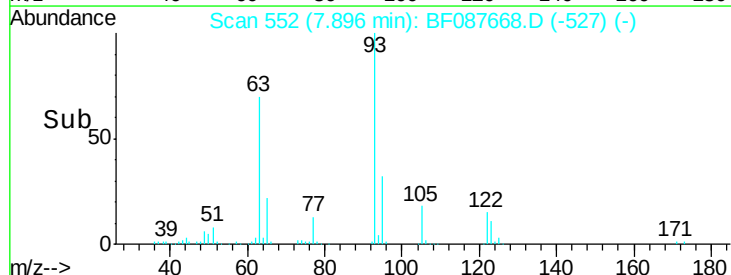
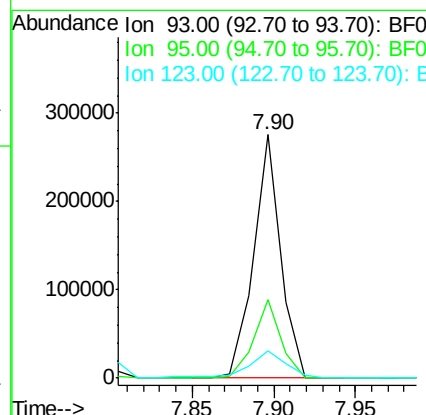
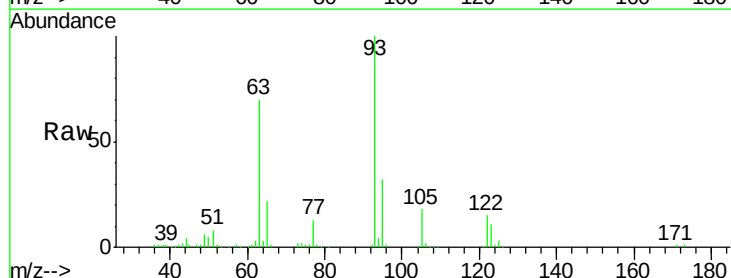
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

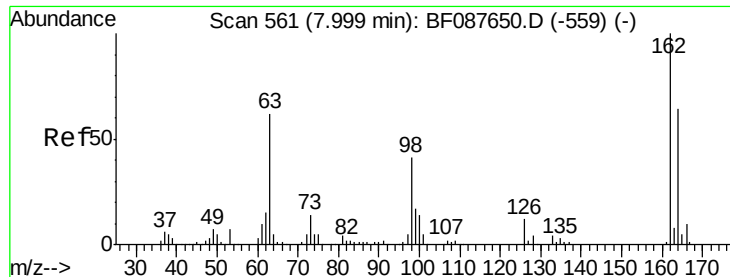
Tgt Ion: 122 Resp: 290430
 Ion Ratio Lower Upper
 122 100
 107 104.5 82.4 123.6
 121 57.7 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.01 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion: 93 Resp: 315972
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.5 11.6 17.4#

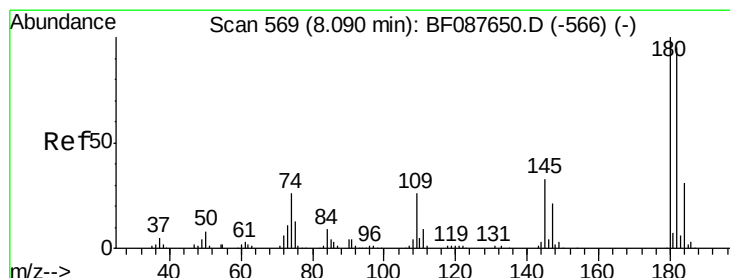
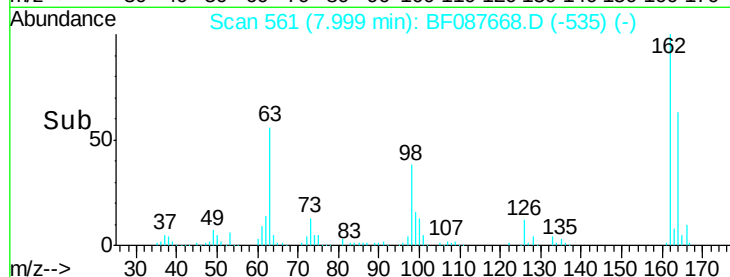
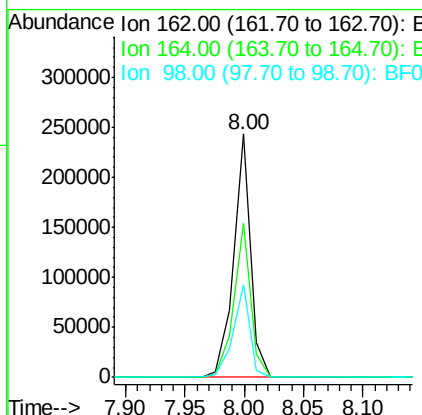
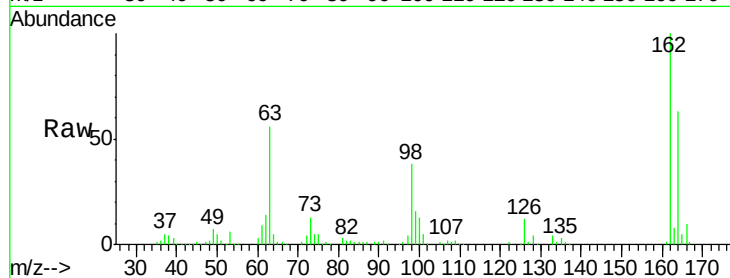




#29
 2,4-Dichlorophenol
 Concen: 36.97 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

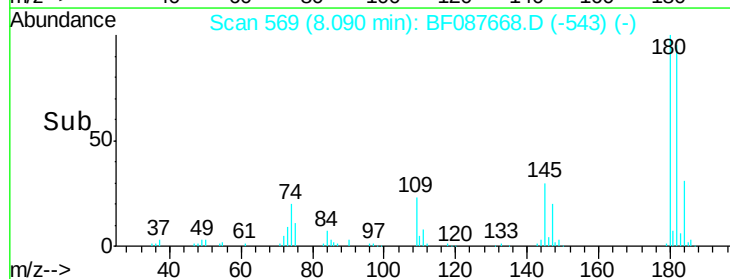
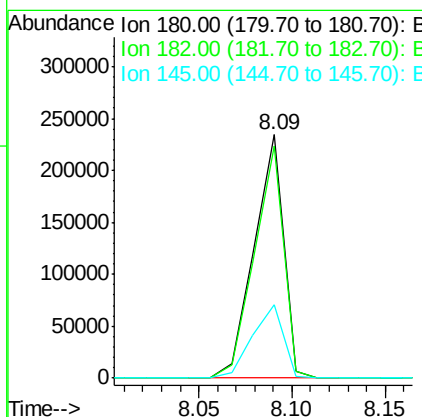
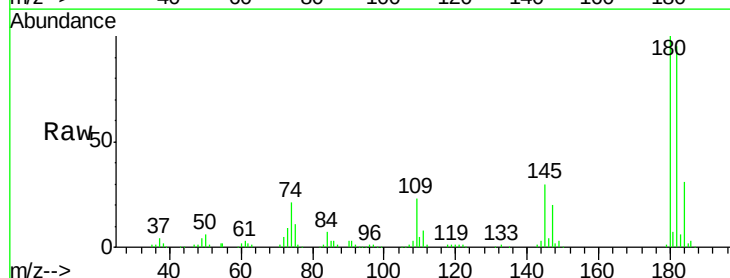
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

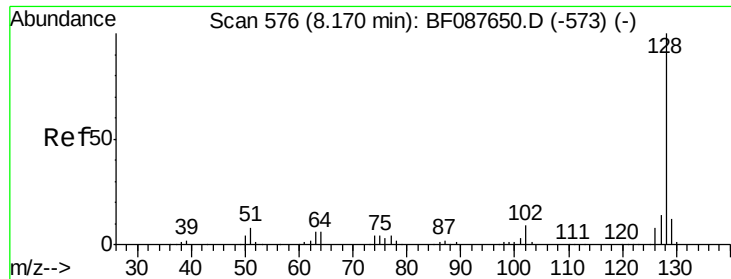
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.1	43.8	83.8
98	38.3	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.08 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.0	114.0
145	30.4	26.5	39.7

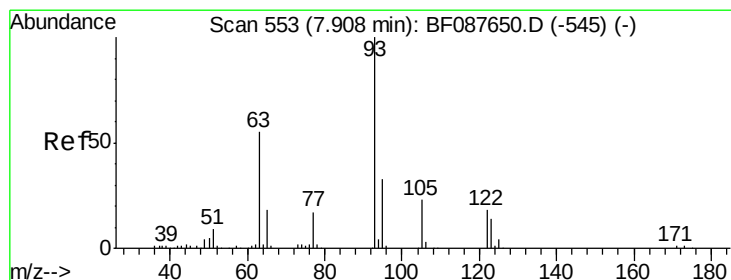
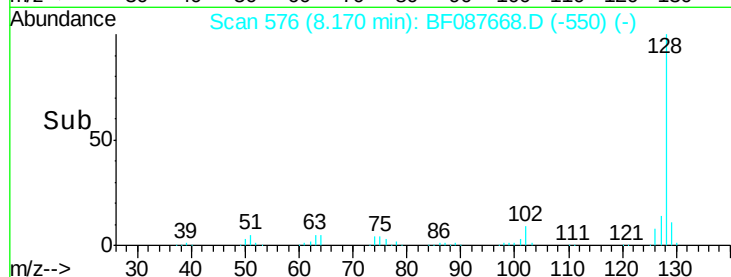
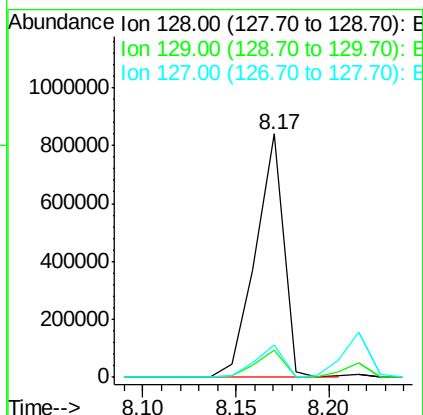
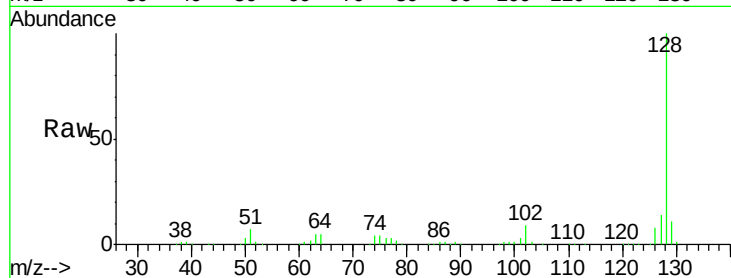




#31
Naphthalene
Concen: 37.65 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

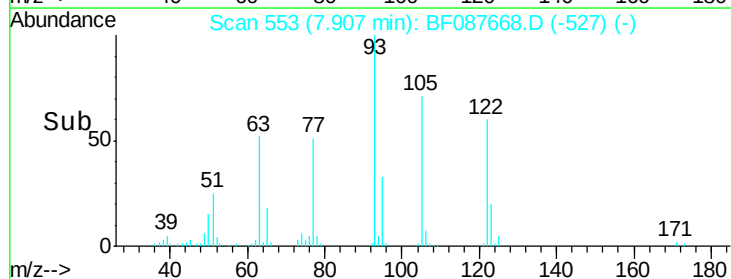
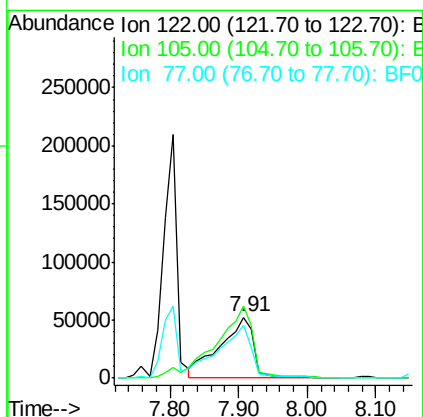
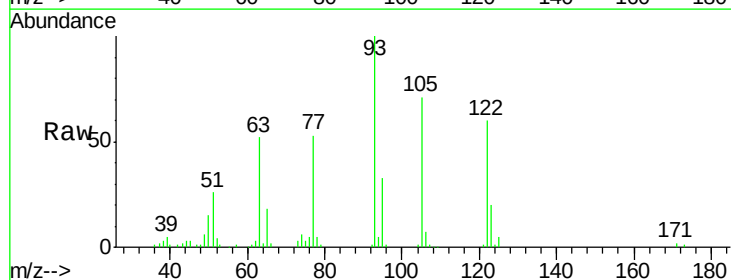
Instrument :
BNA_F
ClientSampleId :
PB91075BS

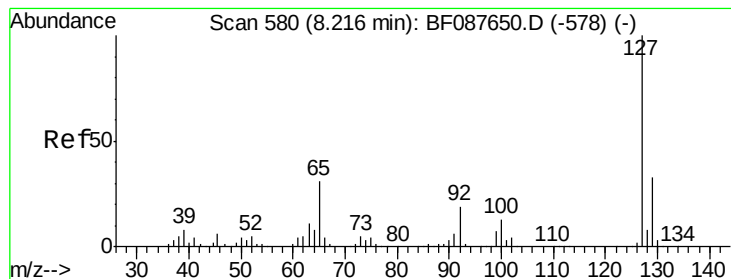
Tgt Ion:128 Resp: 877932
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 37.53 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion:122 Resp: 180889
Ion Ratio Lower Upper
122 100
105 118.0 101.6 141.6
77 87.3 70.6 110.6





#33

4-Chloroaniline

Concen: 15.98 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:127 Resp: 161905

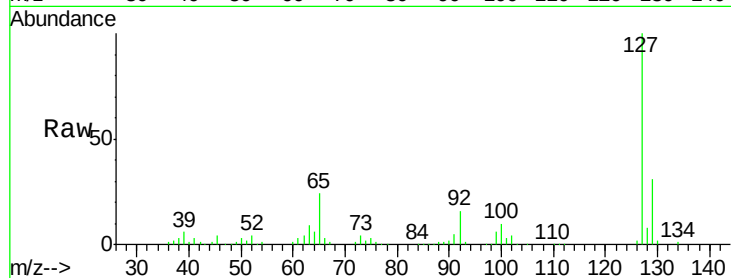
Ion Ratio Lower Upper

127 100

129 31.2 26.3 39.5

65 24.2 24.7 37.1#

92 15.9 15.4 23.0

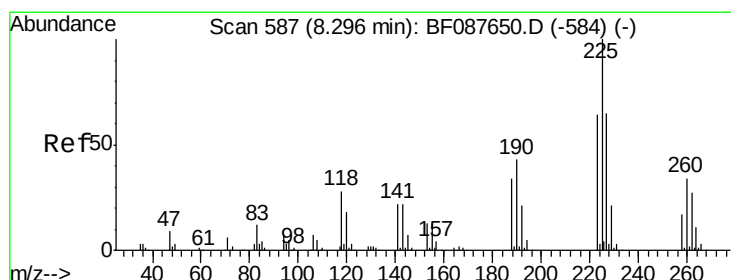
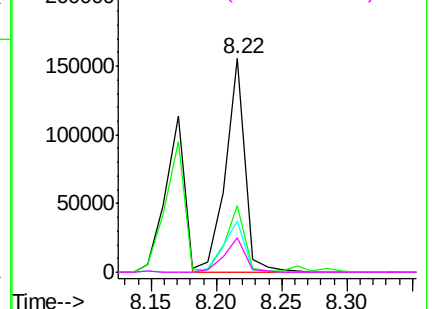
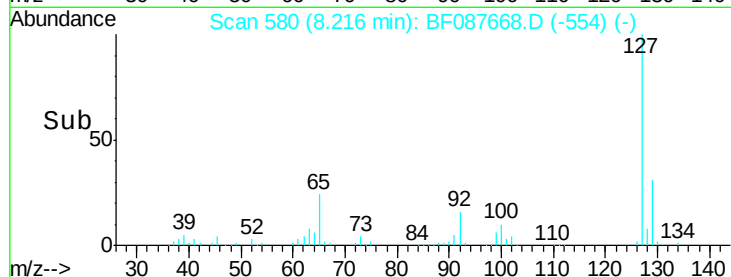


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 34.86 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

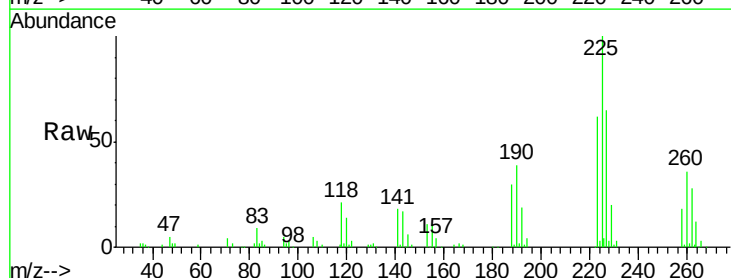
Tgt Ion:225 Resp: 124520

Ion Ratio Lower Upper

225 100

223 62.0 50.9 76.3

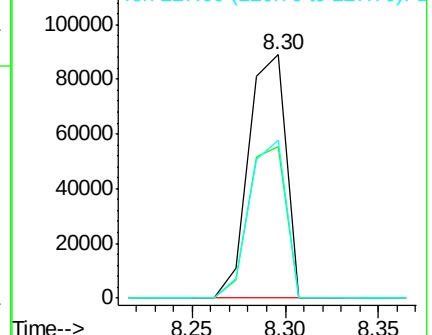
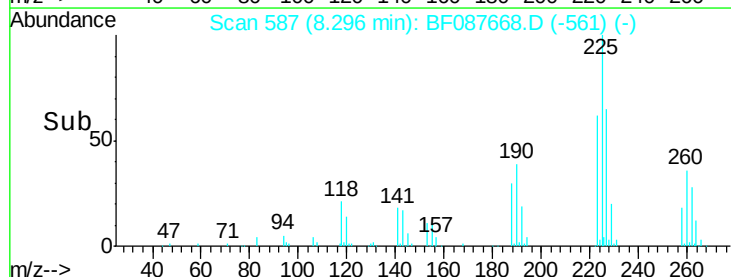
227 65.0 51.9 77.9

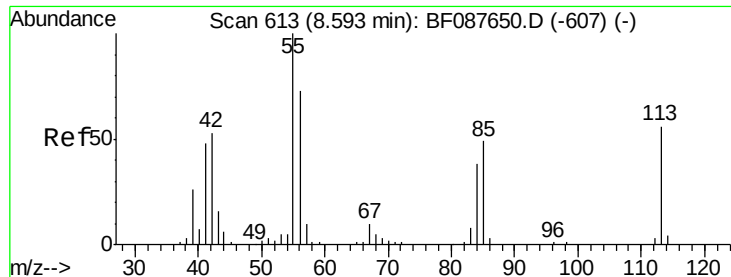


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

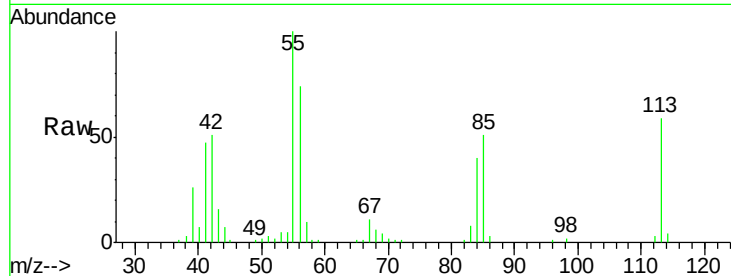




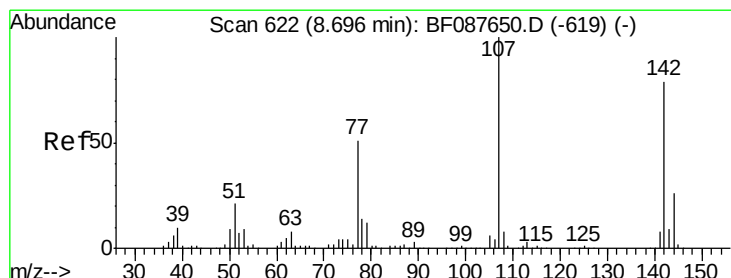
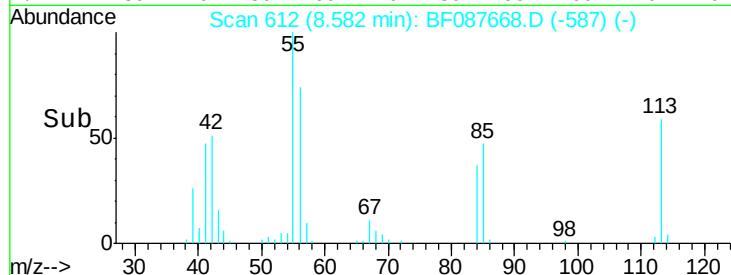
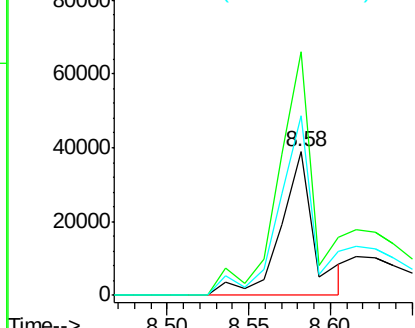
#35
 Caprolactam
 Concen: 25.83 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:113 Resp: 55677
 Ion Ratio Lower Upper
 113 100
 55 169.4 158.6 198.6
 56 125.3 110.6 150.6

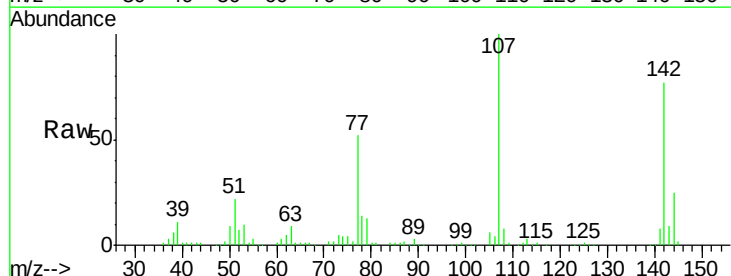


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

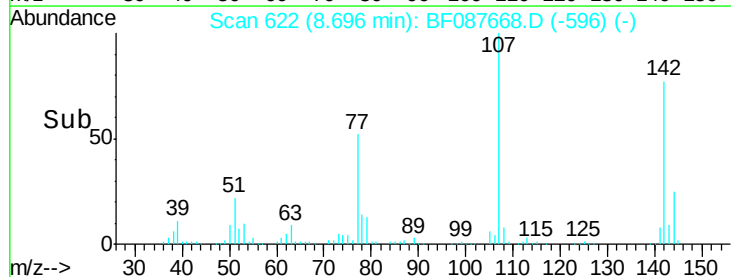
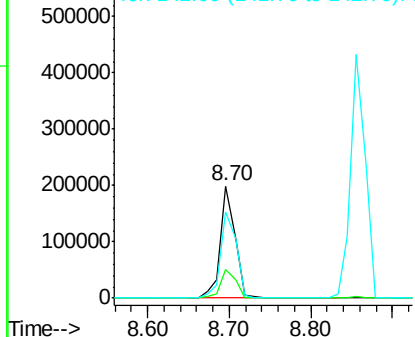


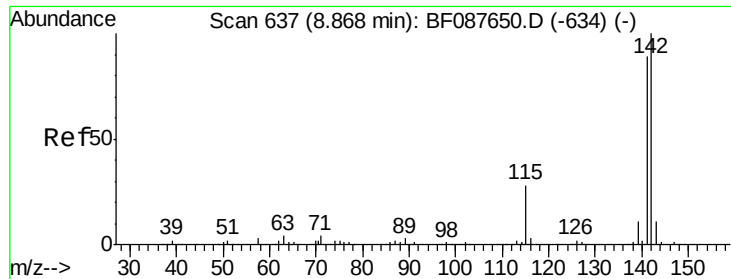
#36
 4-Chloro-3-methylphenol
 Concen: 36.26 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:107 Resp: 246075
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.8 31.2
 142 76.6 63.4 95.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

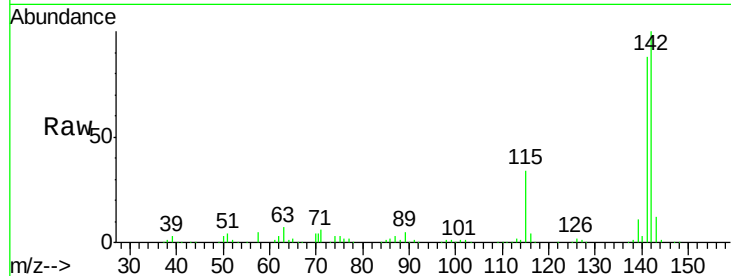




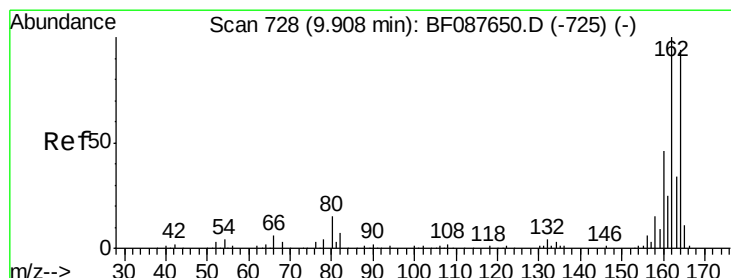
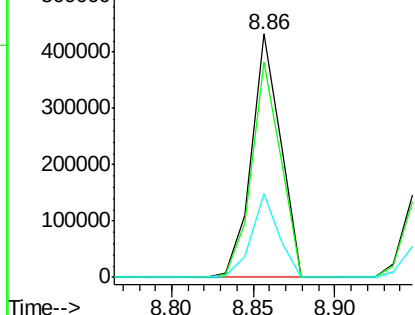
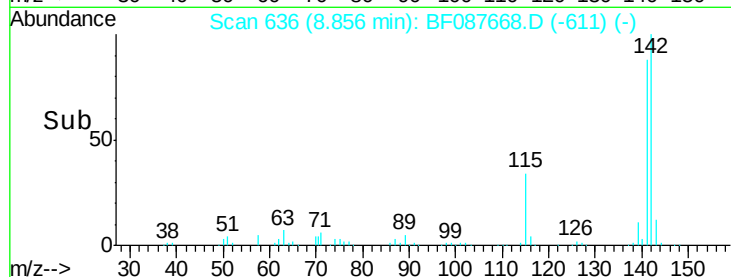
#37
 2-Methylnaphthalene
 Concen: 34.71 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:142 Resp: 534459
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.0 106.6
 115 34.4 22.6 33.8#

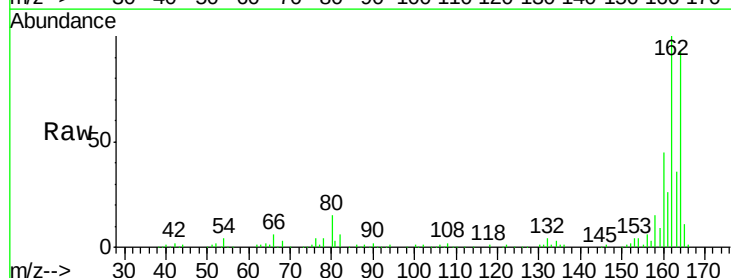


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

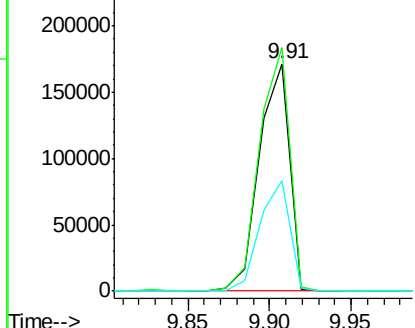
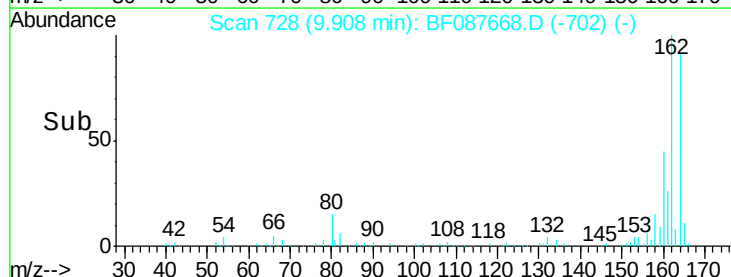


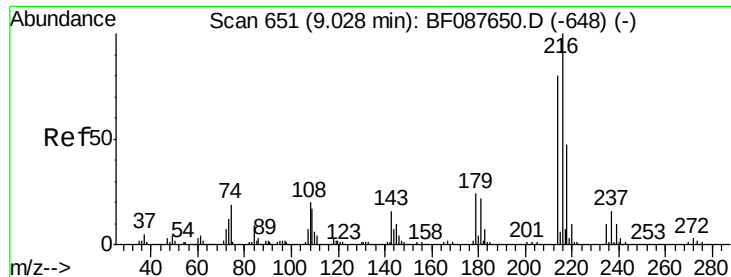
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:164 Resp: 221411
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.4 128.2
 160 48.5 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.09 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

Tgt Ion:216 Resp: 226312

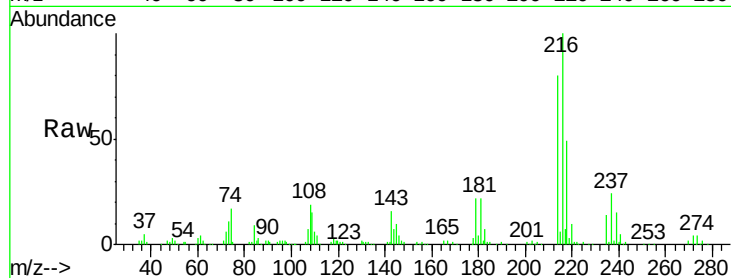
Ion Ratio Lower Upper

216 100

214 79.4 2.9 4.3#

179 22.4 0.0 0.0#

108 24.1 0.5 0.7#

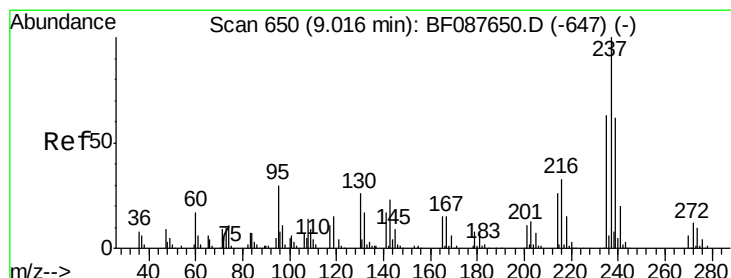
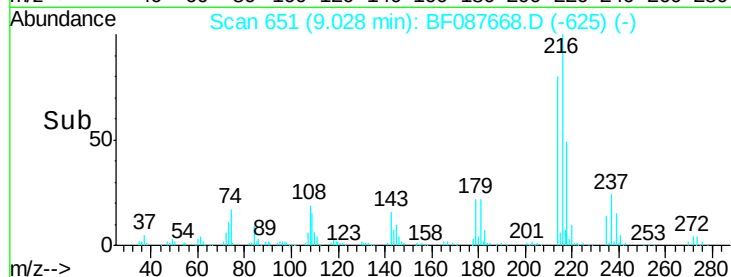
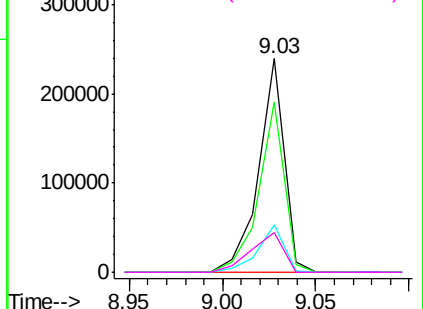


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.42 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

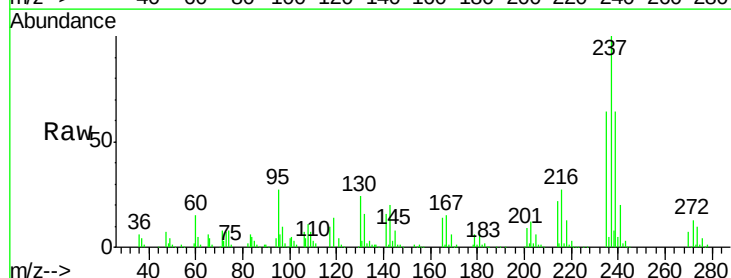
Tgt Ion:237 Resp: 249160

Ion Ratio Lower Upper

237 100

235 64.1 43.4 83.4

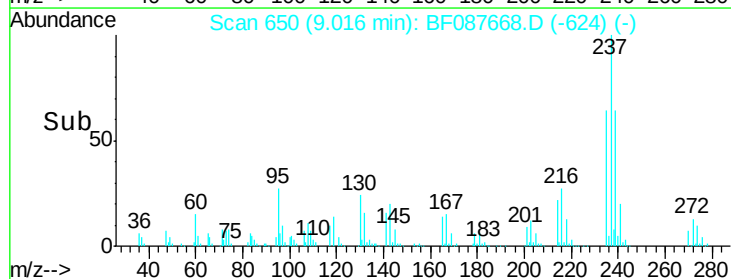
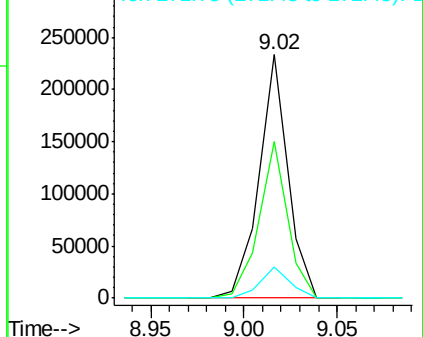
272 12.8 0.0 32.3

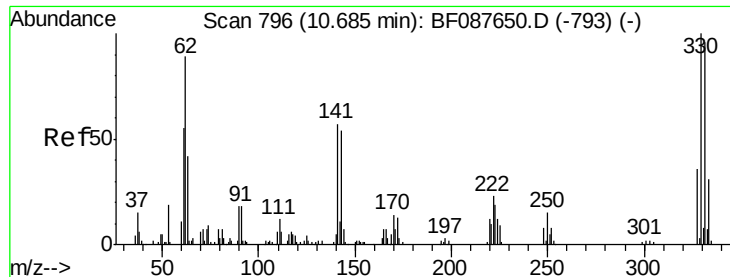


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

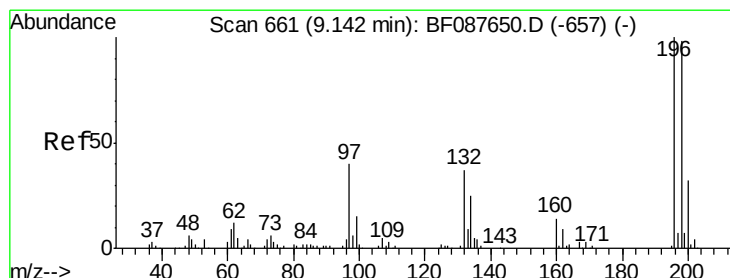
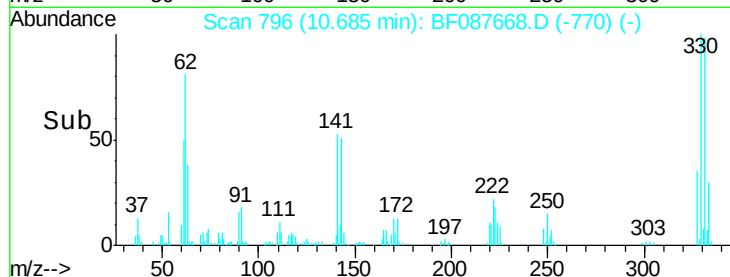
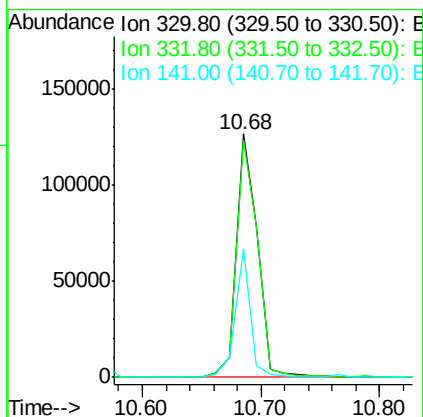
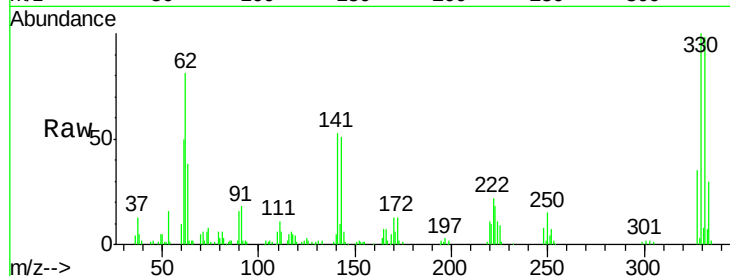




#41
 2,4,6-Tribromophenol
 Concen: 70.49 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

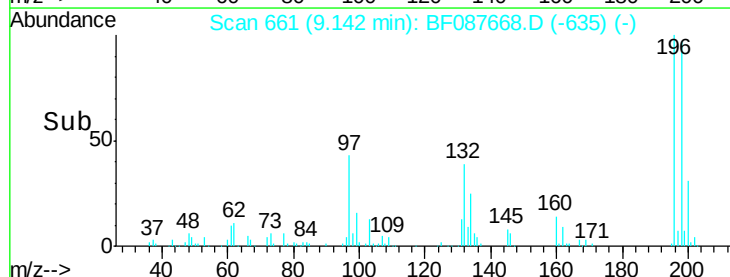
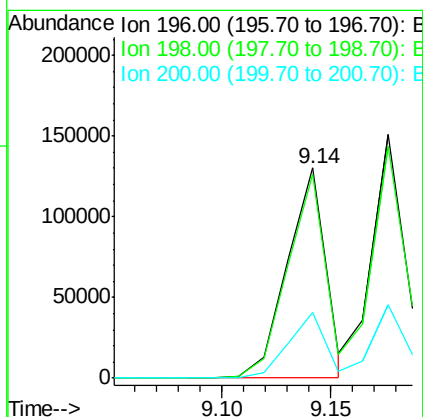
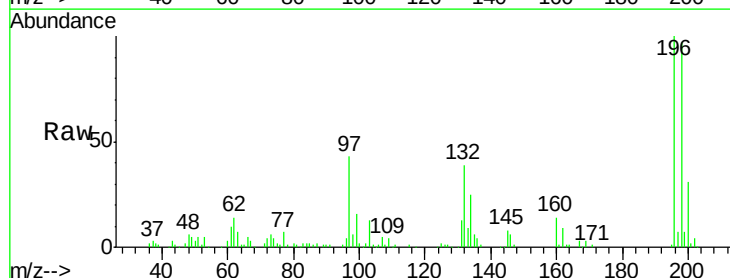
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

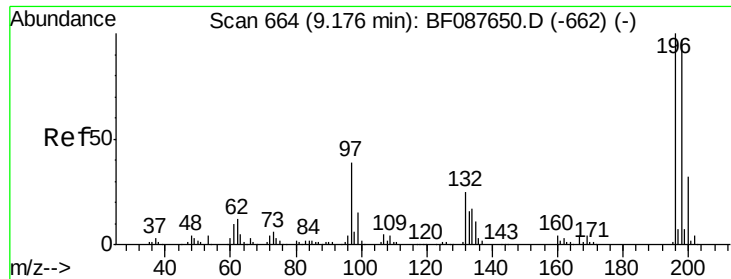
Tgt Ion:330 Resp: 156655
 Ion Ratio Lower Upper
 330 100
 332 99.2 0.0 0.0#
 141 38.6 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 34.73 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:196 Resp: 160032
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.5 25.4 38.2

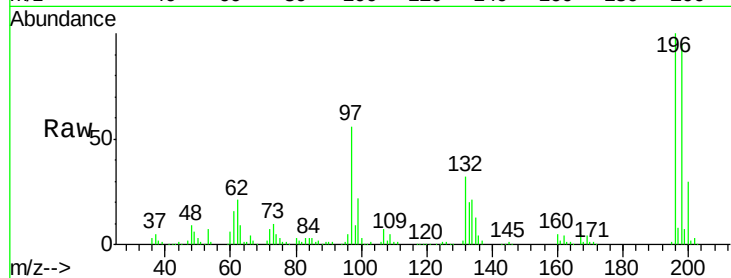




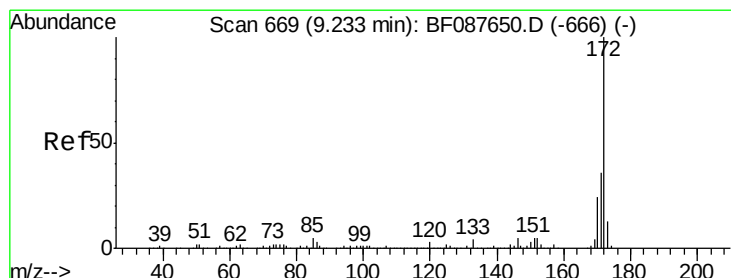
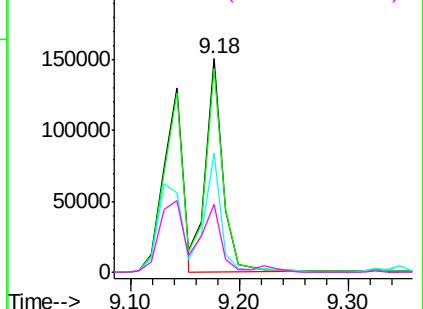
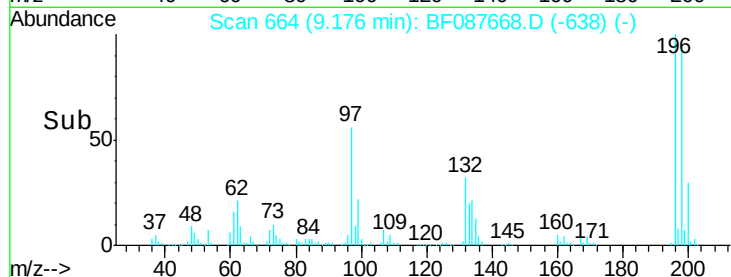
#43
 2,4,5-Trichlorophenol
 Concen: 38.89 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:196 Resp: 166806
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.5 116.3
 97 55.6 32.0 48.0#
 132 32.0 20.9 31.3#

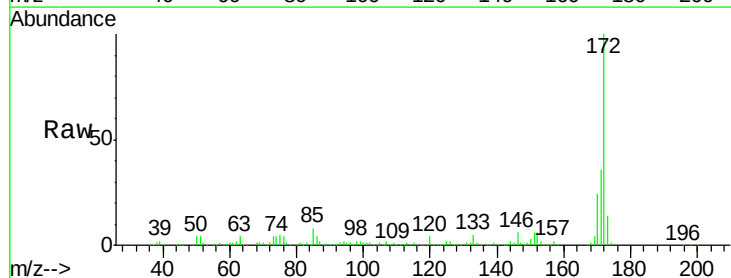


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

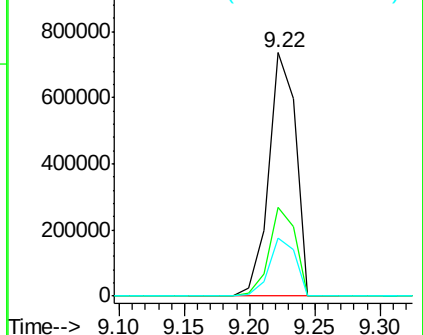
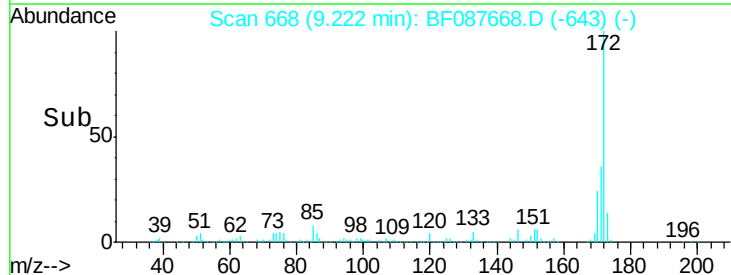


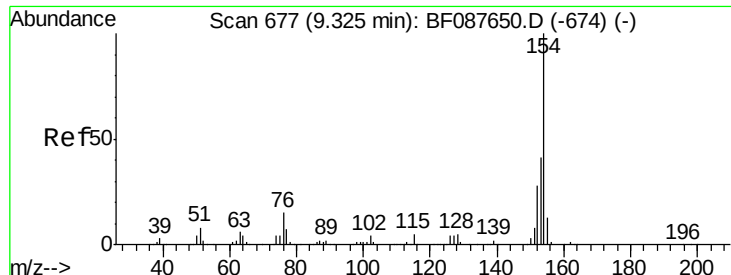
#44
 2-Fluorobiphenyl
 Concen: 70.00 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:172 Resp: 1067546
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.0 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

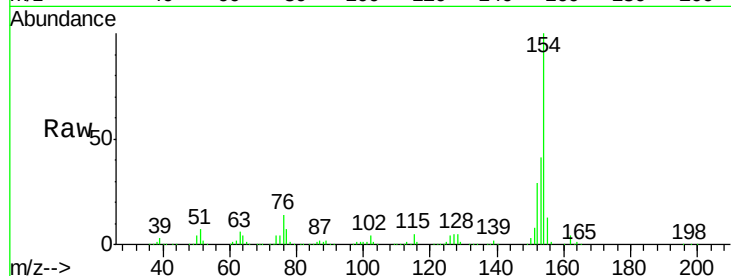




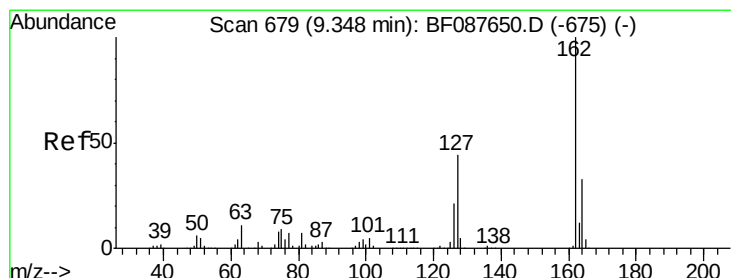
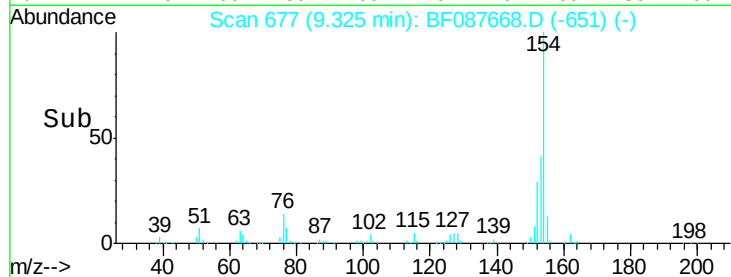
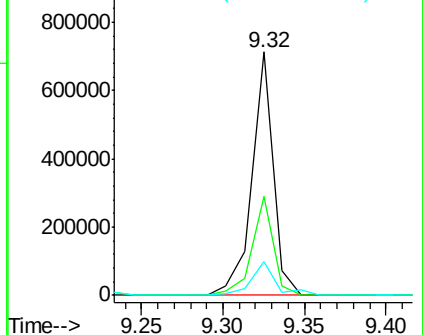
#45
 1,1'-Biphenyl
 Concen: 35.95 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:154 Resp: 646031
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.6 60.6
 76 14.1 0.0 35.1

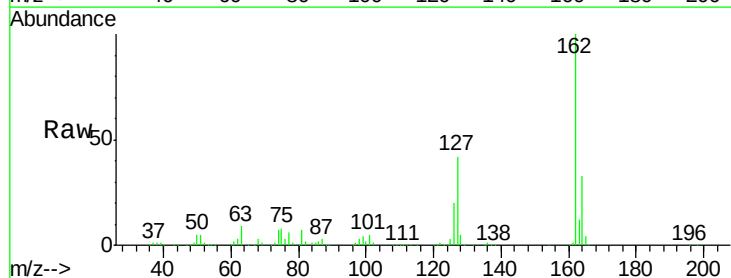


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

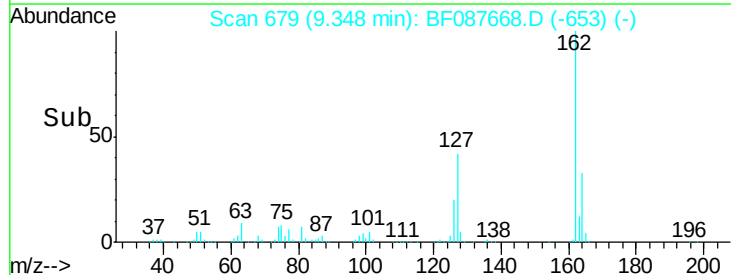
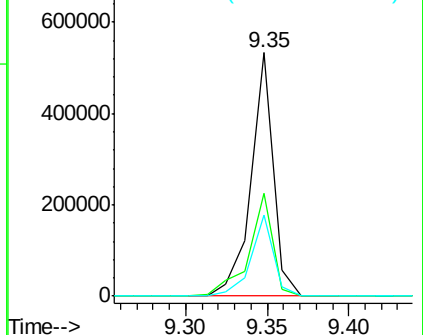


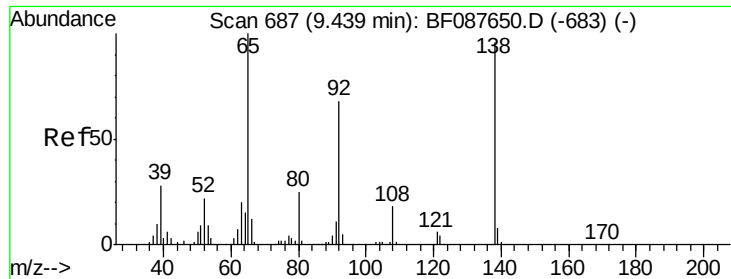
#46
 2-Chloronaphthalene
 Concen: 35.44 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:162 Resp: 506970
 Ion Ratio Lower Upper
 162 100
 127 42.5 35.2 52.8
 164 33.2 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

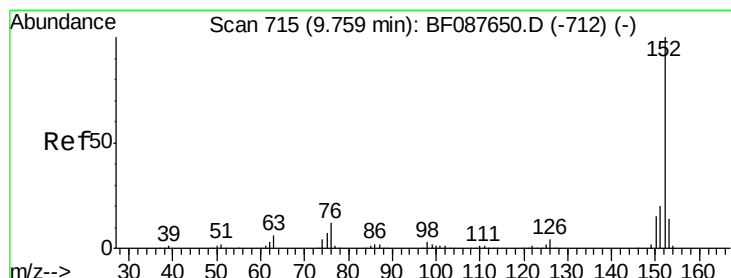
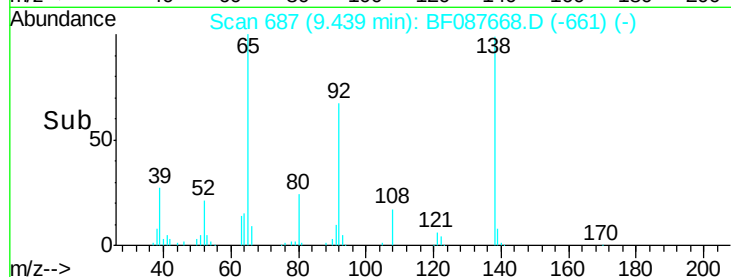
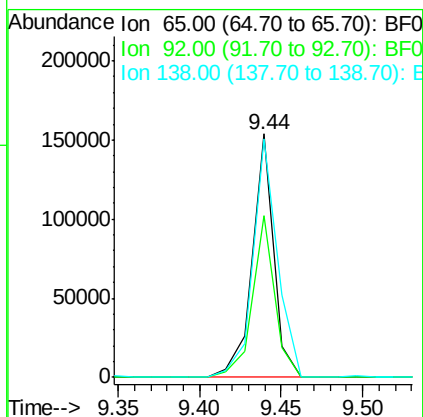
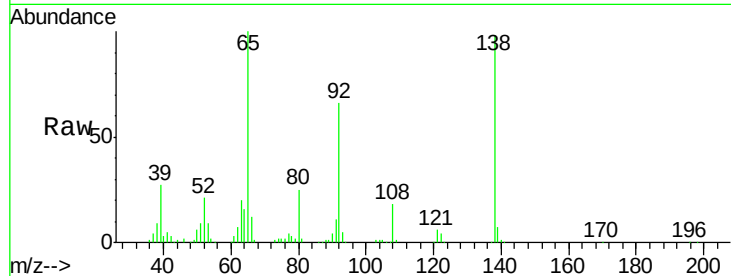




#47
2-Nitroaniline
Concen: 35.12 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

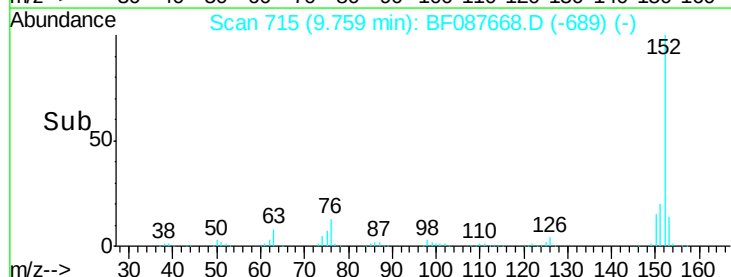
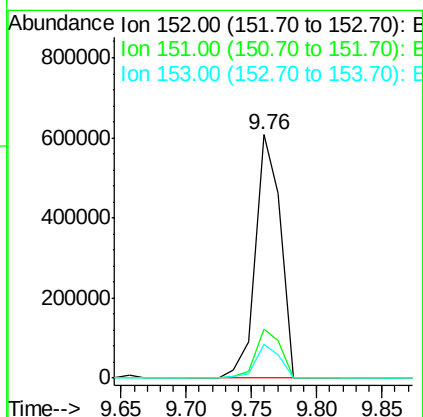
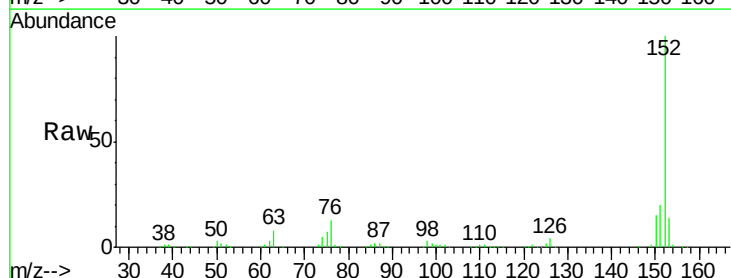
Instrument :
BNA_F
ClientSampleId :
PB91075BS

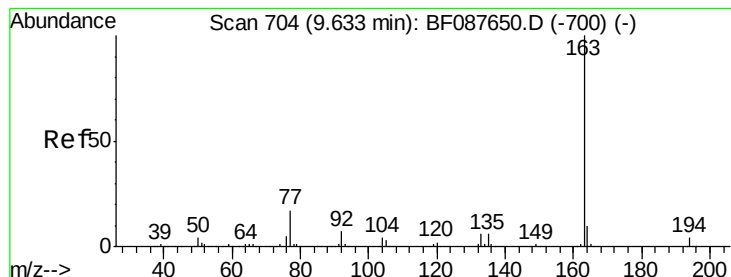
Tgt Ion: 65 Resp: 141432
Ion Ratio Lower Upper
65 100
92 66.4 54.6 82.0
138 98.2 77.0 115.4



#48
Acenaphthylene
Concen: 36.38 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion: 152 Resp: 811475
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.8 11.0 16.6





#49

Dimethylphthalate

Concen: 38.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

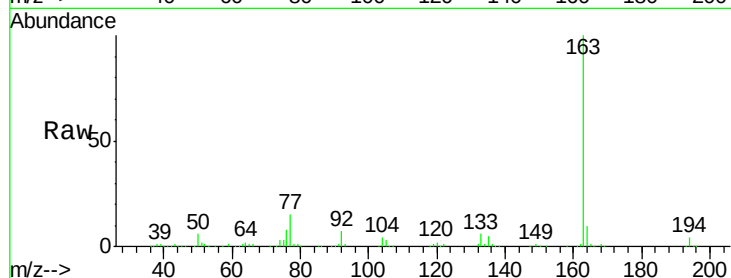
Tgt Ion:163 Resp: 611703

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

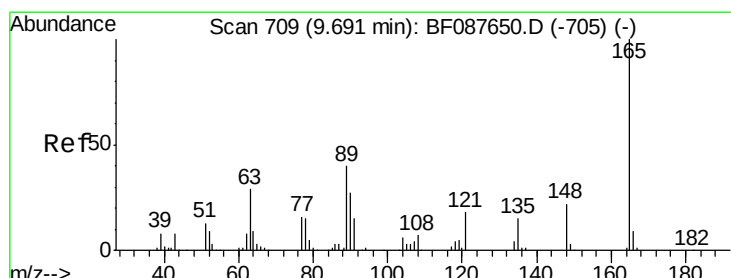
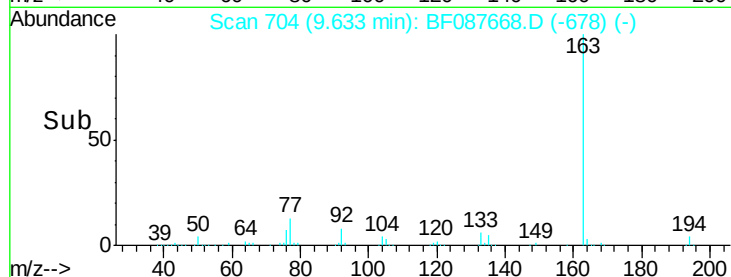
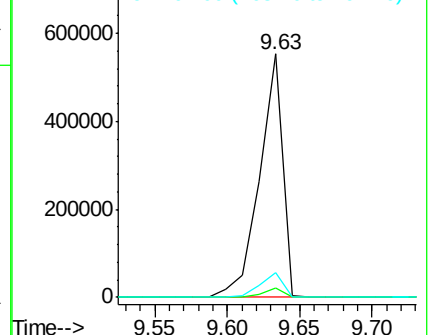
164 10.1 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.32 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

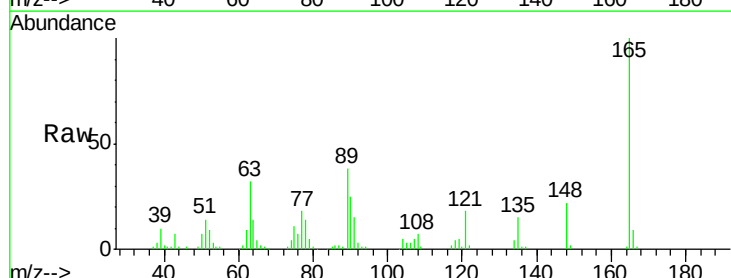
Tgt Ion:165 Resp: 140355

Ion Ratio Lower Upper

165 100

63 31.7 28.1 42.1

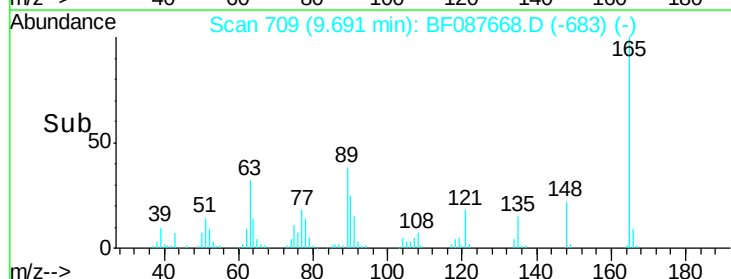
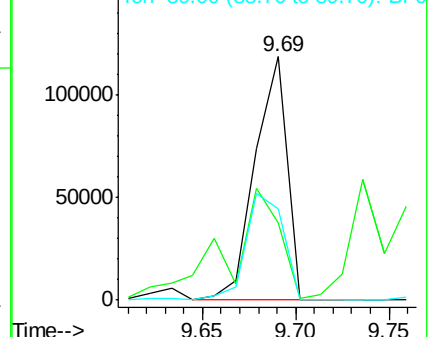
89 37.5 32.2 48.2

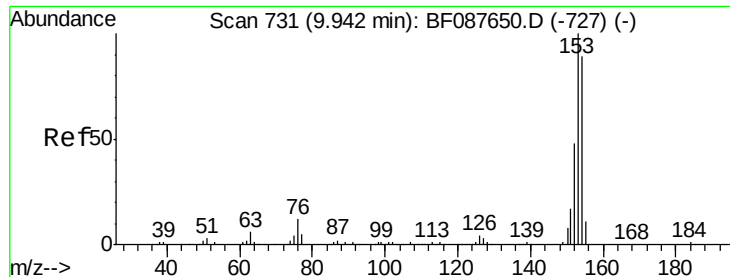


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.46 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

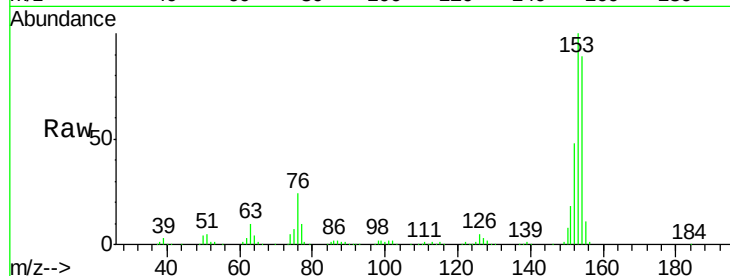
Tgt Ion:154 Resp: 537629

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

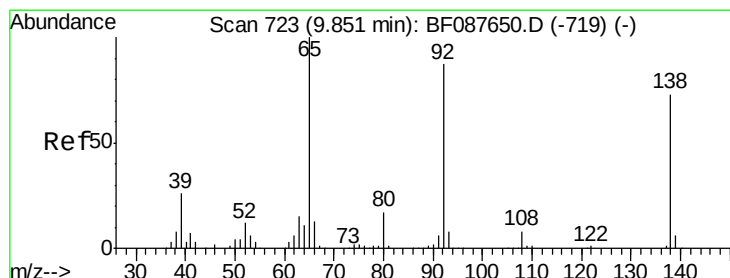
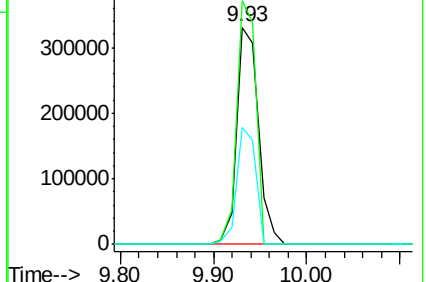
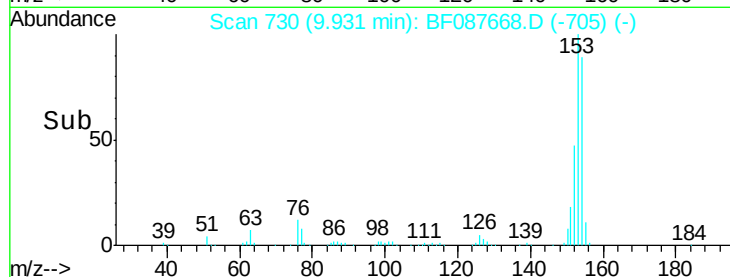
152 53.6 42.7 64.1



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: 22.39 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

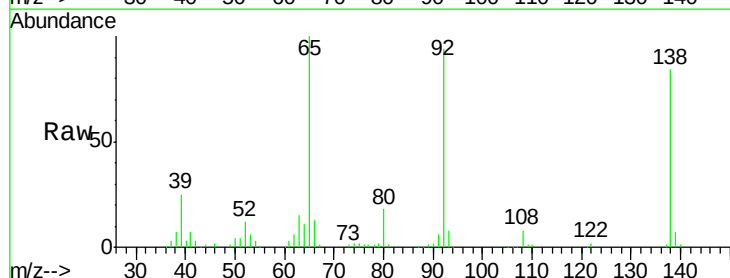
Tgt Ion:138 Resp: 93790

Ion Ratio Lower Upper

138 100

108 9.8 8.5 12.7

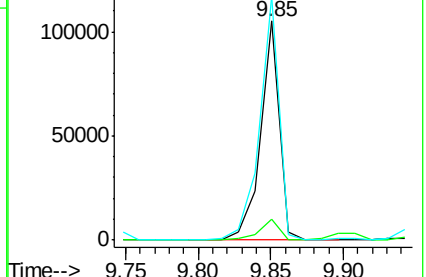
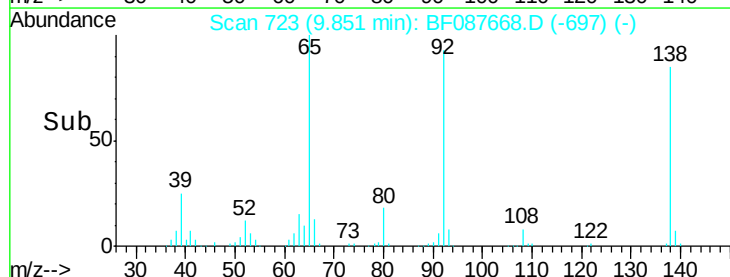
92 111.1 95.7 143.5

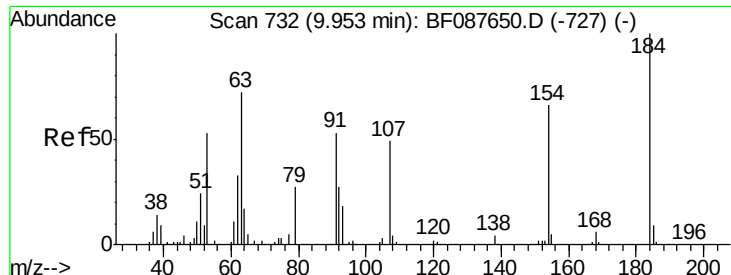


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

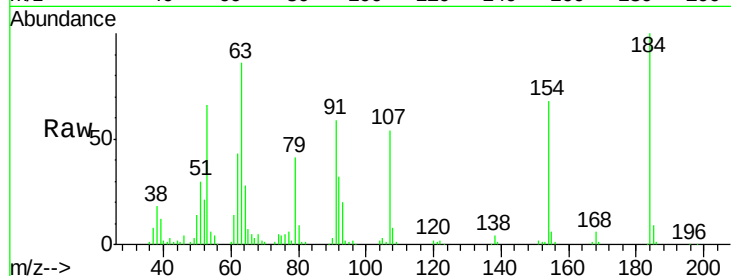




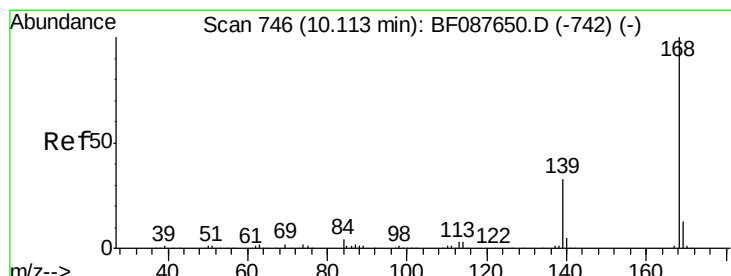
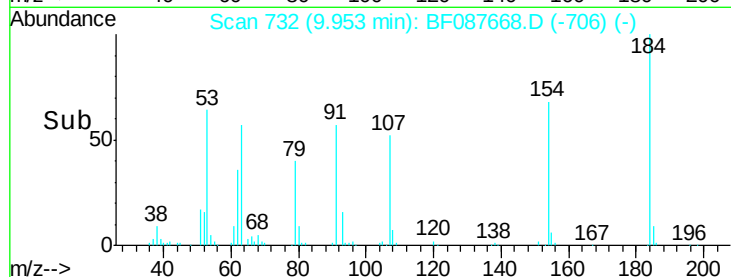
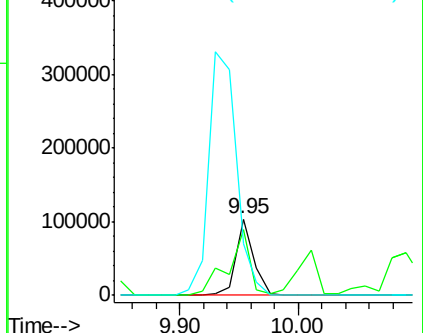
#53
 2,4-Dinitrophenol
 Concen: 65.74 ng
 RT: 9.95 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:184 Resp: 108060
 Ion Ratio Lower Upper
 184 100
 63 86.0 57.6 86.4
 154 67.6 53.5 80.3

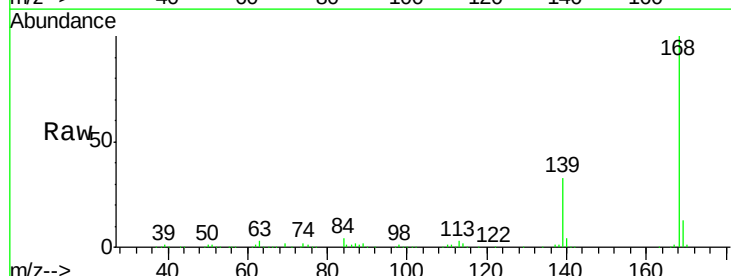


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

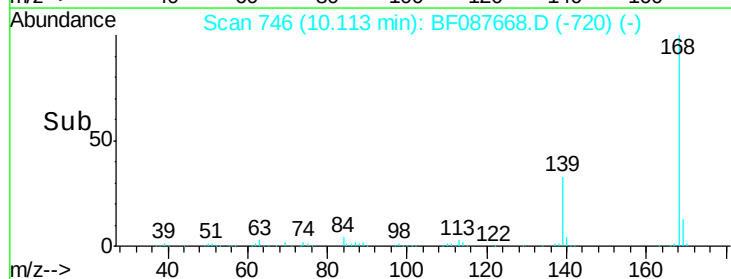
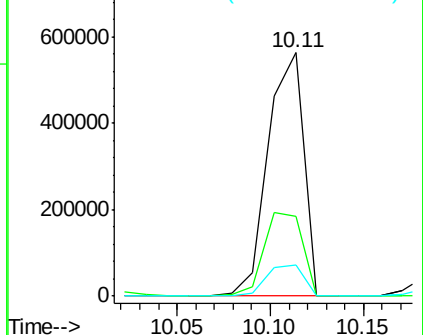


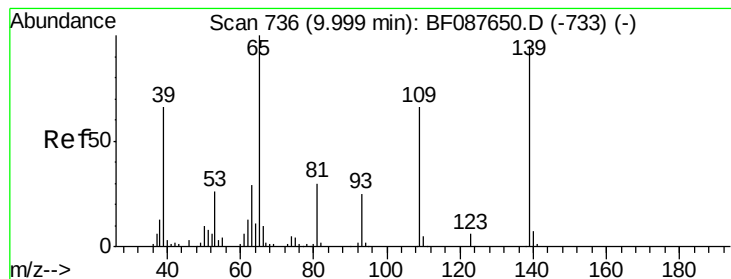
#54
 Dibenzofuran
 Concen: 38.21 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:168 Resp: 746551
 Ion Ratio Lower Upper
 168 100
 139 32.9 26.4 39.6
 169 13.0 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 72.34 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

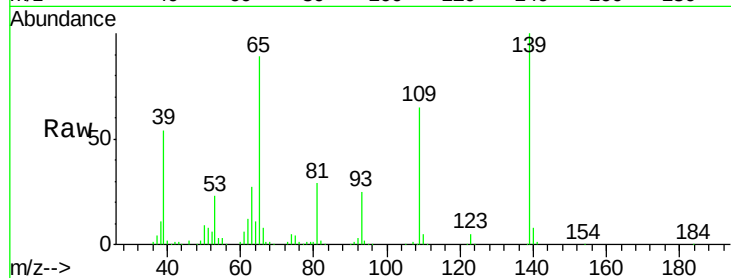
Tgt Ion:139 Resp: 259002

Ion Ratio Lower Upper

139 100

109 65.5 48.9 88.9

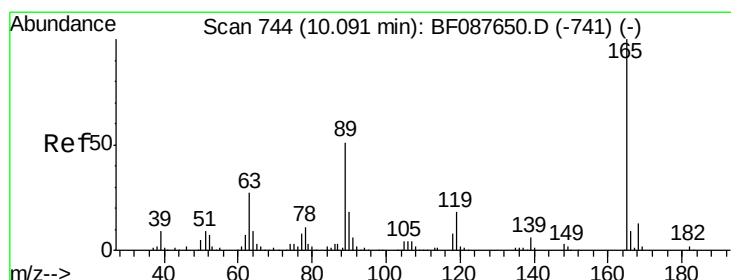
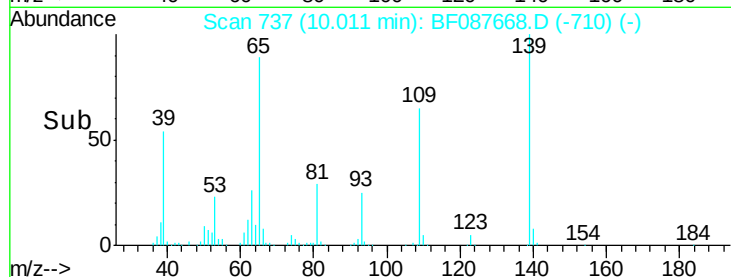
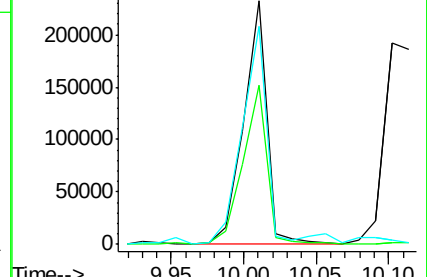
65 89.4 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.15 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Tgt Ion:165 Resp: 201212

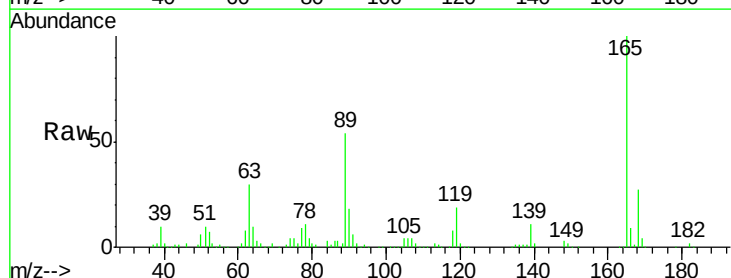
Ion Ratio Lower Upper

165 100

63 29.7 22.0 33.0

89 53.6 41.1 61.7

182 2.3 2.0 3.0

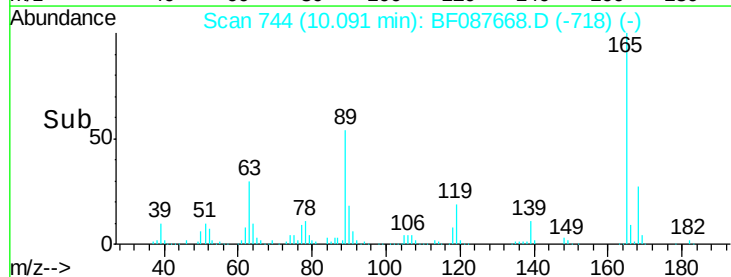
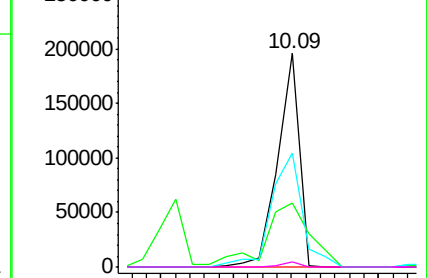


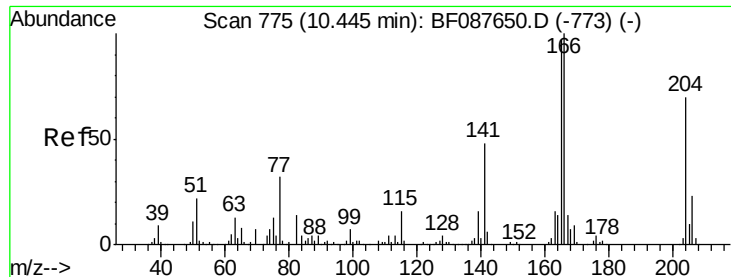
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

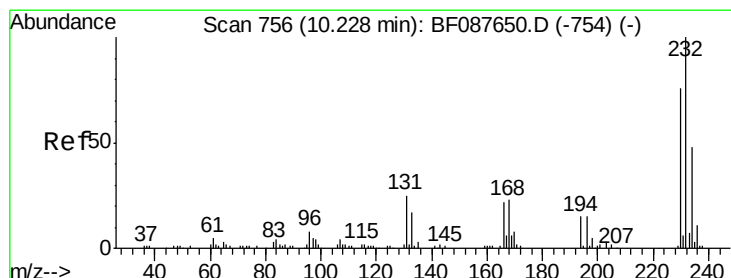
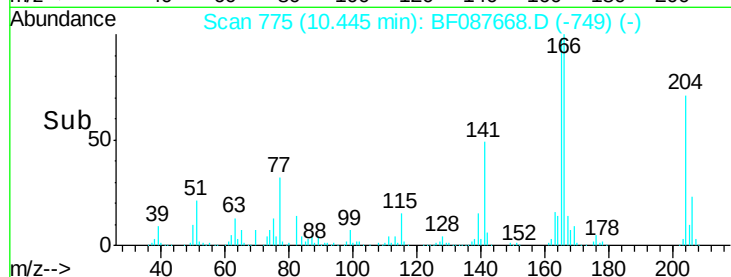
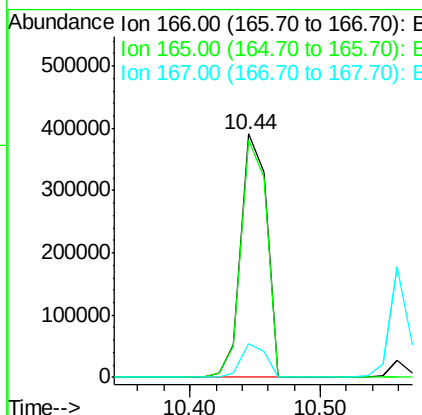
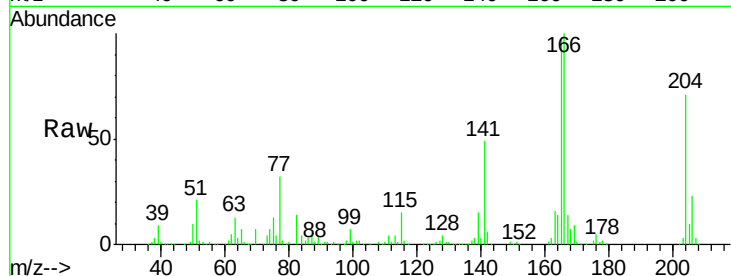




#57
Fluorene
 Concen: 35.12 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

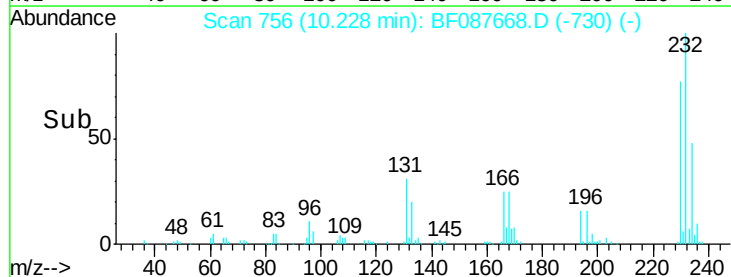
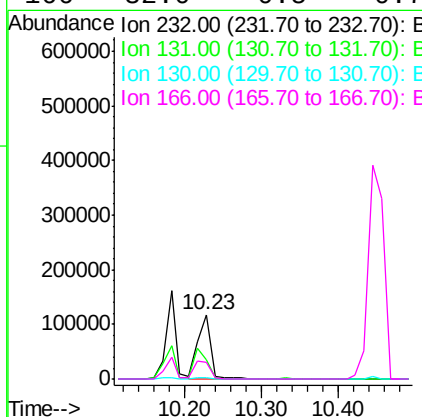
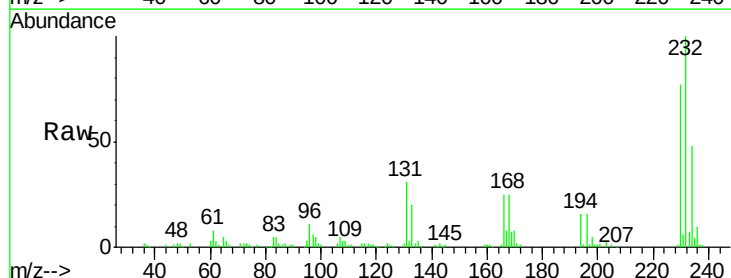
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

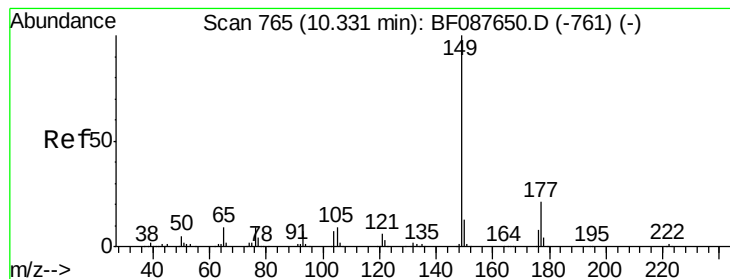
Tgt Ion:166 Resp: 536481
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.8 116.8
 167 14.0 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.55 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:232 Resp: 138740
 Ion Ratio Lower Upper
 232 100
 131 50.3 0.9 1.3#
 130 2.3 1.5 2.3#
 166 32.0 0.5 0.7#





#59

Diethylphthalate

Concen: 36.25 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

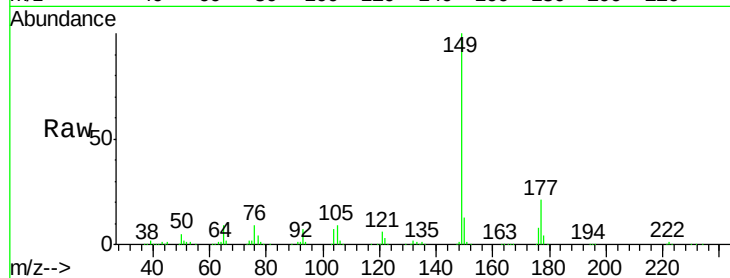
Tgt Ion:149 Resp: 585929

Ion Ratio Lower Upper

149 100

177 20.8 16.9 25.3

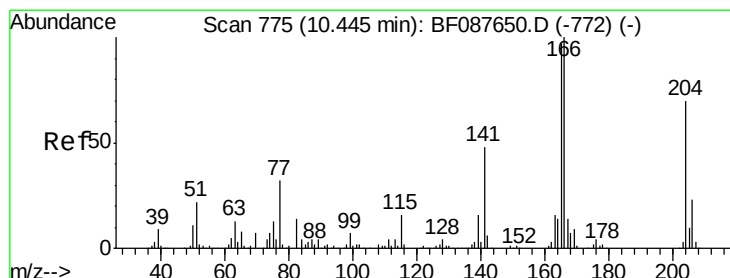
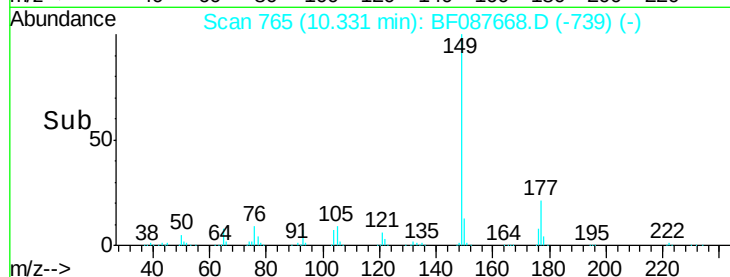
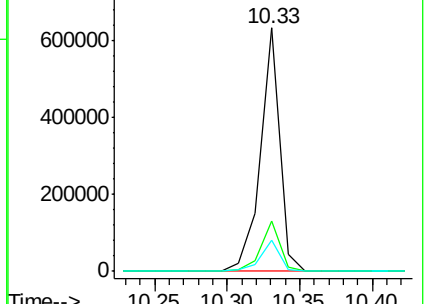
150 12.7 10.1 15.1



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: 37.30 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

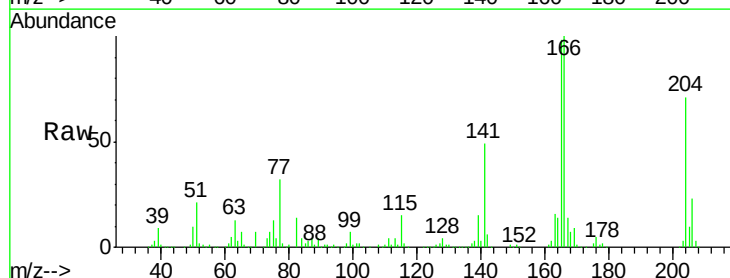
Tgt Ion:204 Resp: 234896

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

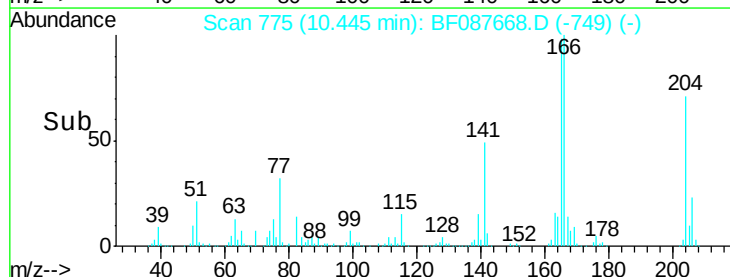
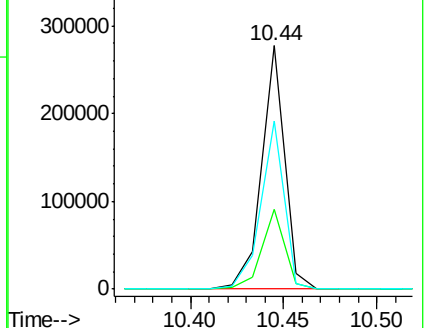
141 69.1 55.0 82.6

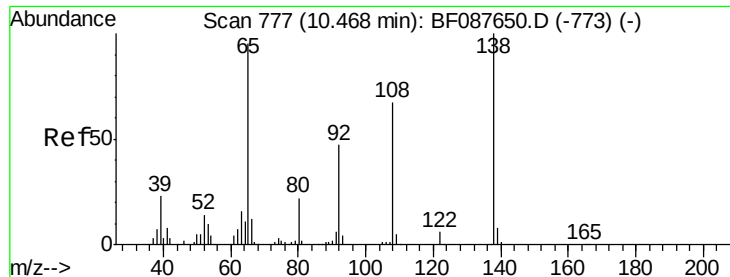


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

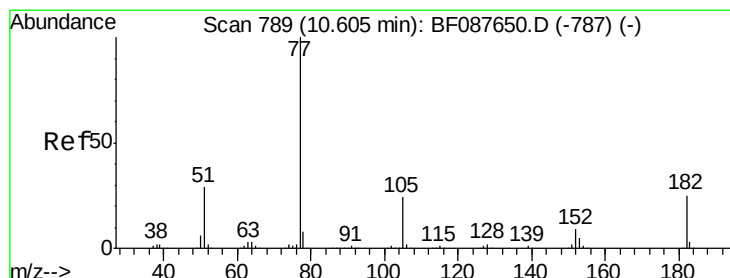
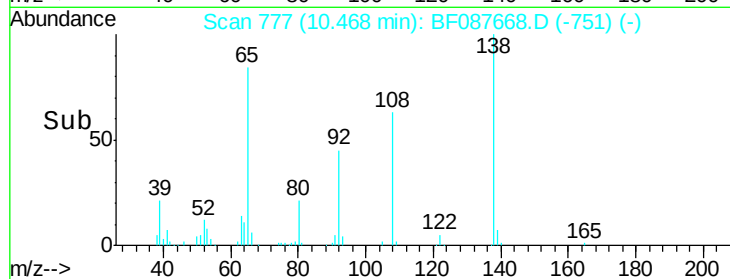
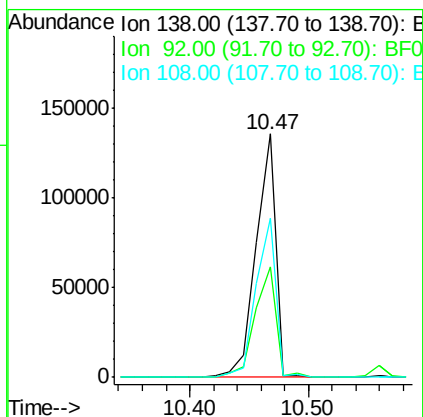
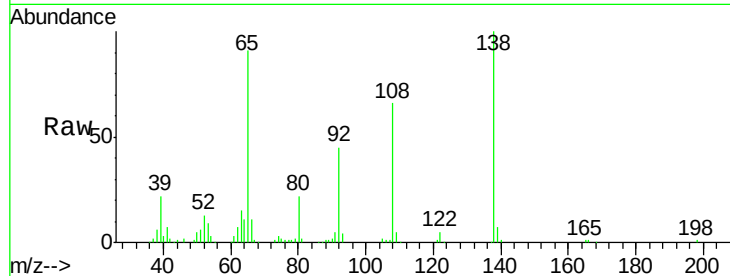




#61
4-Nitroaniline
Concen: 39.12 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

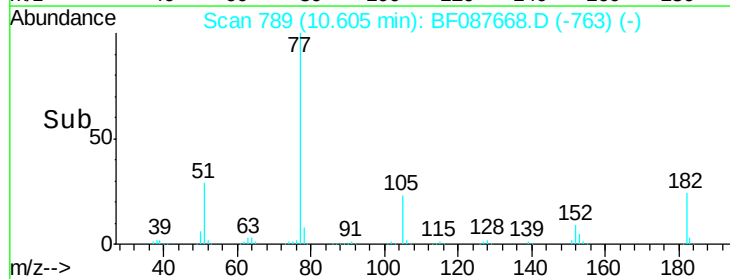
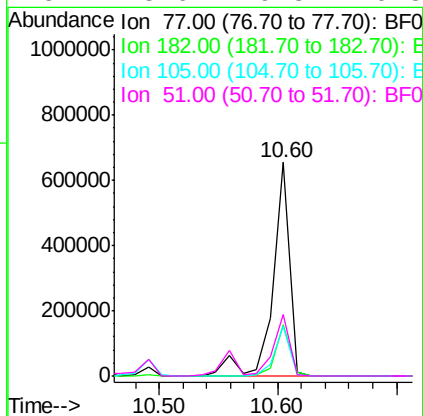
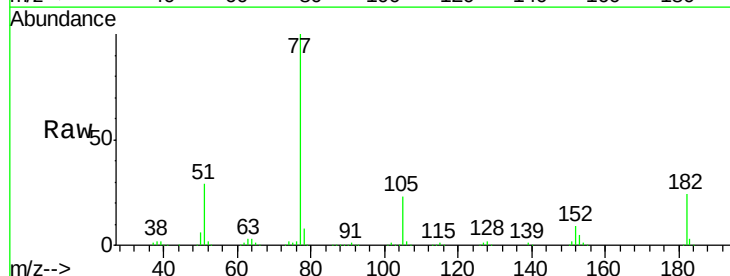
Instrument :
BNA_F
ClientSampleId :
PB91075BS

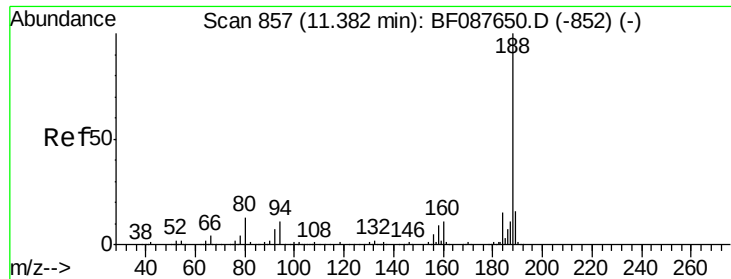
Tgt Ion:138 Resp: 157557
Ion Ratio Lower Upper
138 100
92 45.1 27.3 67.3
108 65.5 46.7 86.7



#62
Azobenzene
Concen: 39.99 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion: 77 Resp: 650686
Ion Ratio Lower Upper
77 100
182 24.0 4.4 44.4
105 23.4 3.8 43.8
51 28.6 9.3 49.3

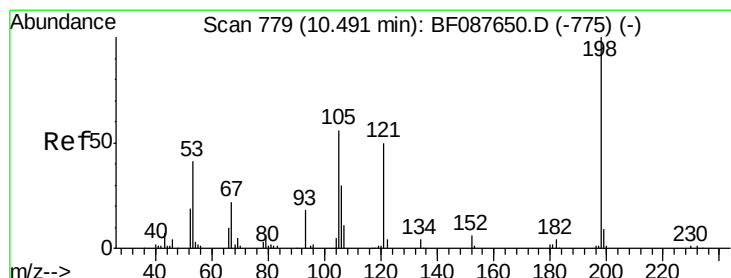
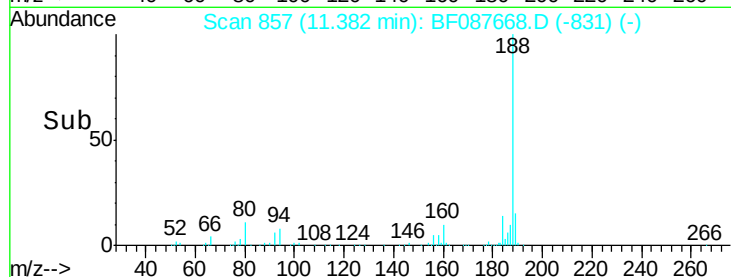
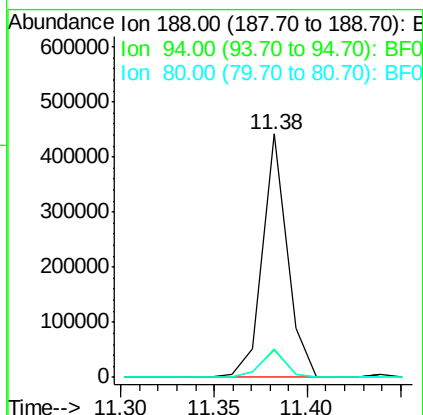
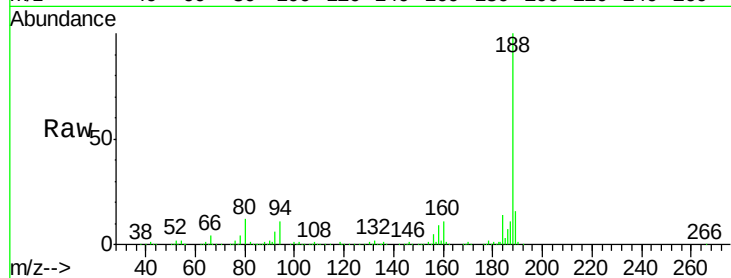




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

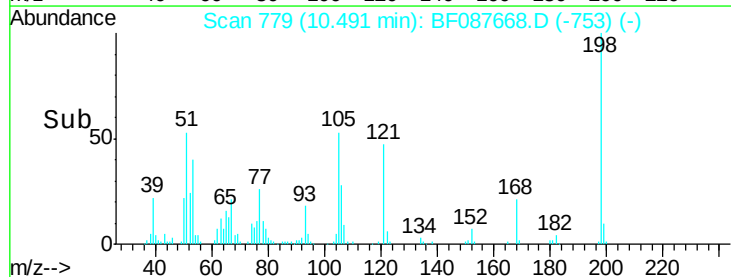
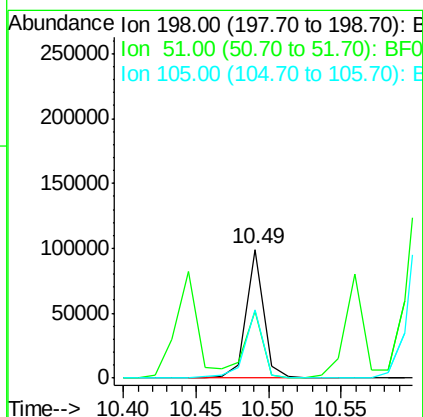
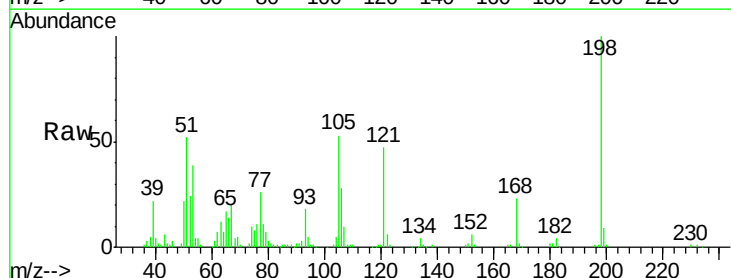
Instrument :
BNA_F
ClientSampleId :
PB91075BS

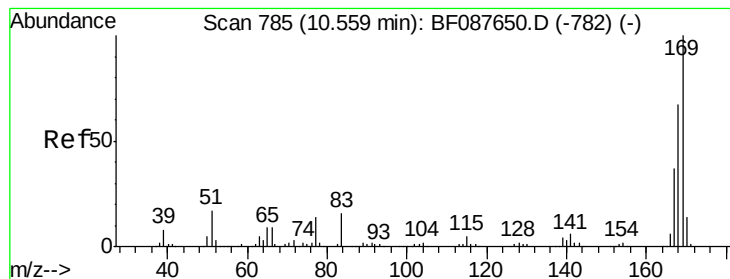
Tgt Ion:188 Resp: 404464
Ion Ratio Lower Upper
188 100
94 11.2 9.0 13.6
80 11.7 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 37.52 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion:198 Resp: 83316
Ion Ratio Lower Upper
198 100
51 52.3 39.6 79.6
105 52.8 36.6 76.6

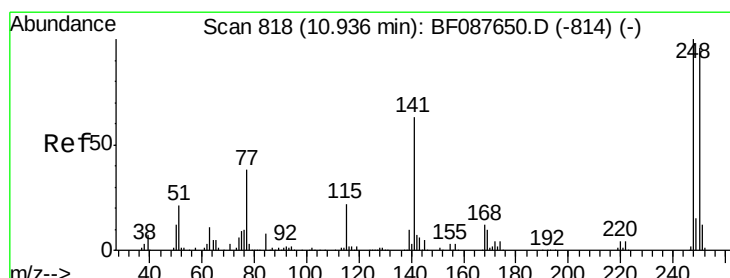
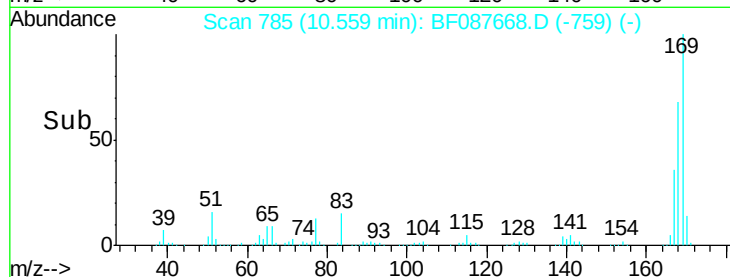
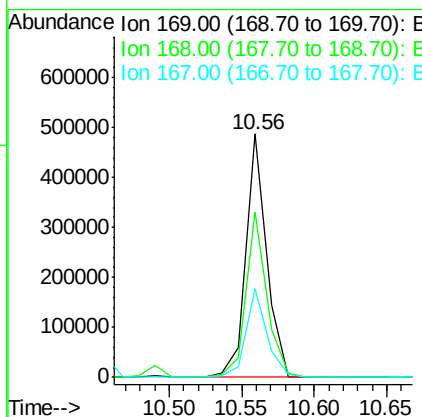
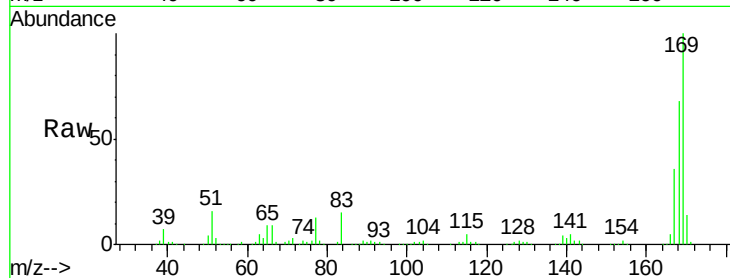




#65
 n-Nitrosodiphenylamine
 Concen: 36.41 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

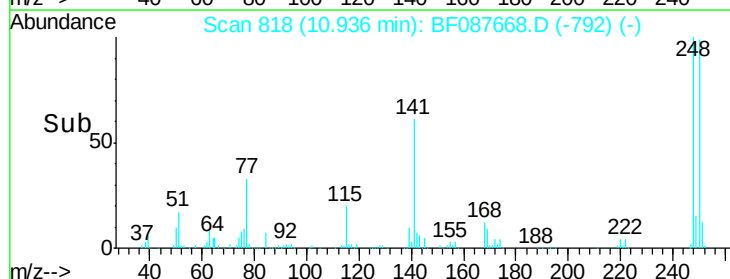
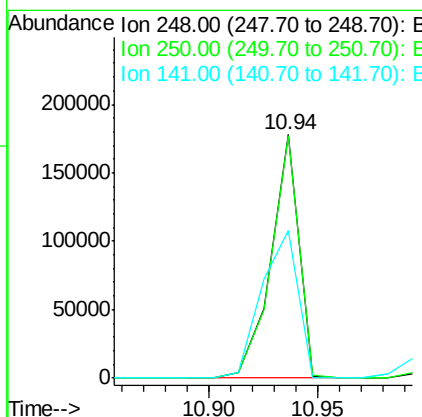
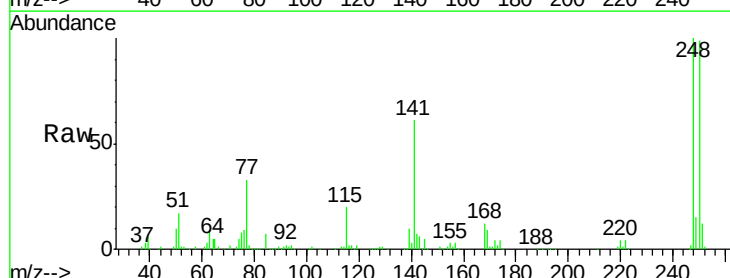
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

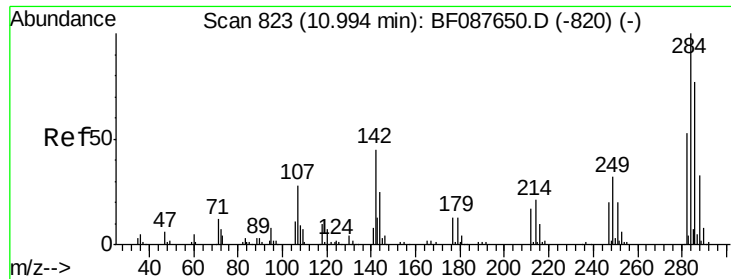
Tgt Ion:169 Resp: 482409
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.4 80.0
 167 36.4 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.96 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:248 Resp: 160277
 Ion Ratio Lower Upper
 248 100
 250 99.4 77.1 115.7
 141 60.7 50.6 76.0





#67

Hexachlorobenzene

Concen: 36.14 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

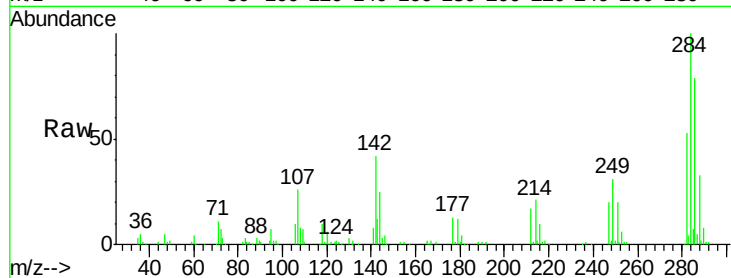
Tgt Ion:284 Resp: 162075

Ion Ratio Lower Upper

284 100

142 42.4 35.8 53.8

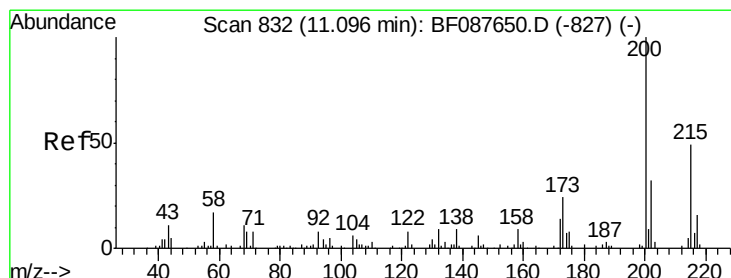
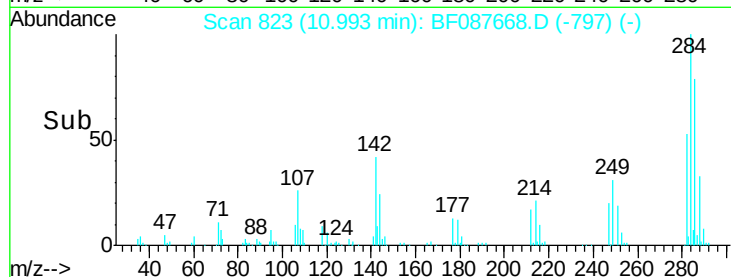
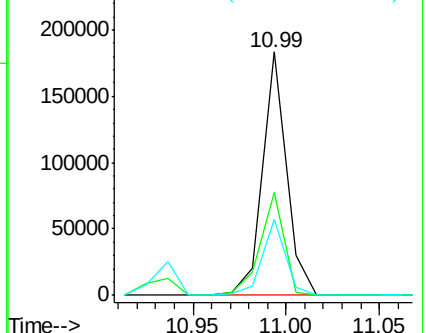
249 31.3 25.8 38.6



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: 36.79 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

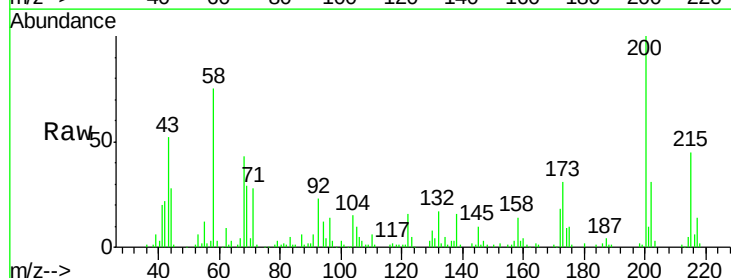
Tgt Ion:200 Resp: 144356

Ion Ratio Lower Upper

200 100

173 31.2 4.0 44.0

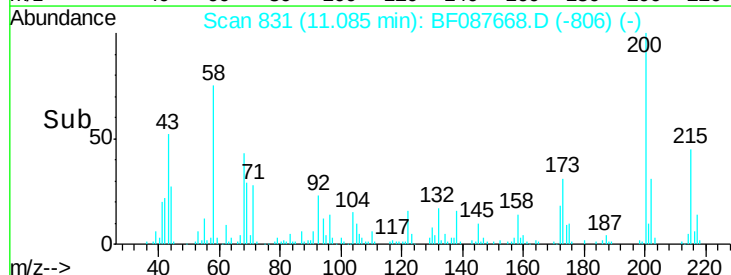
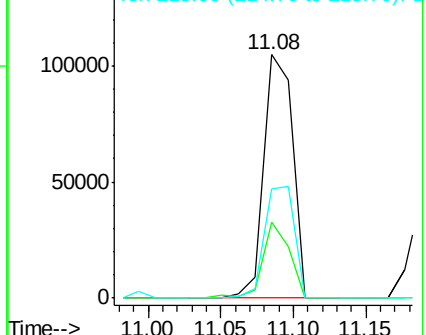
215 44.7 29.3 69.3

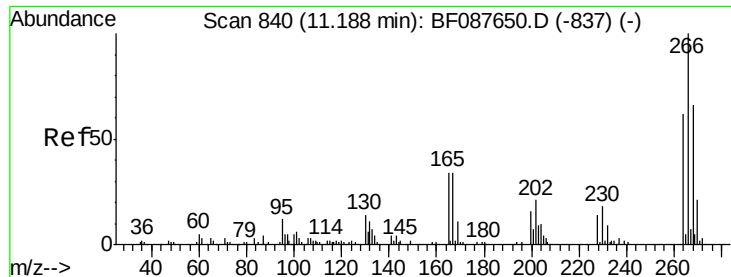


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

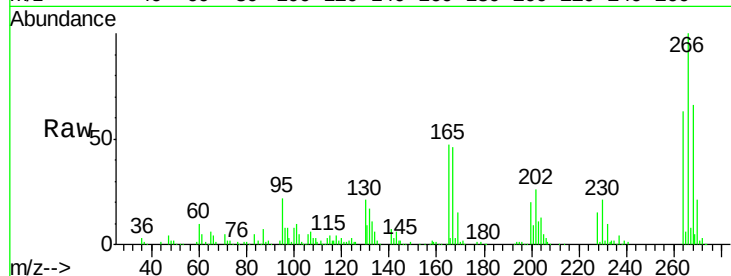




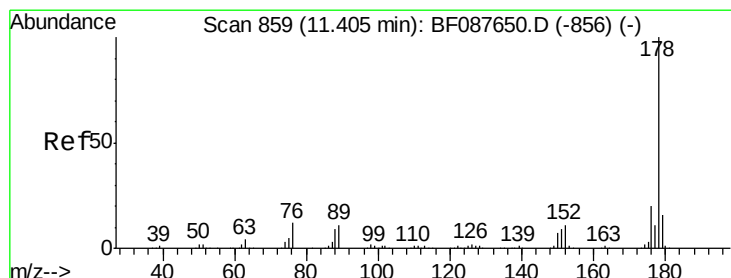
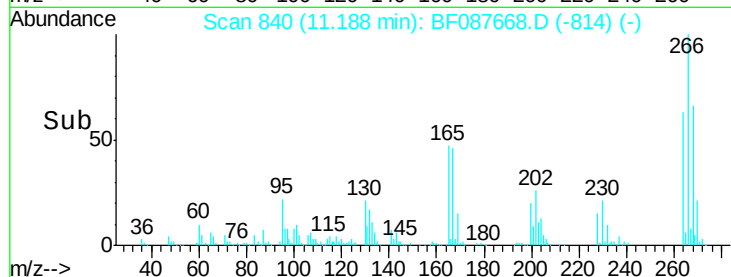
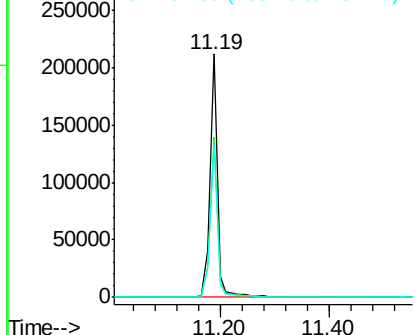
#69
 Pentachlorophenol
 Concen: 76.08 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:266 Resp: 202749
 Ion Ratio Lower Upper
 266 100
 268 66.0 52.8 79.2
 264 62.5 49.6 74.4

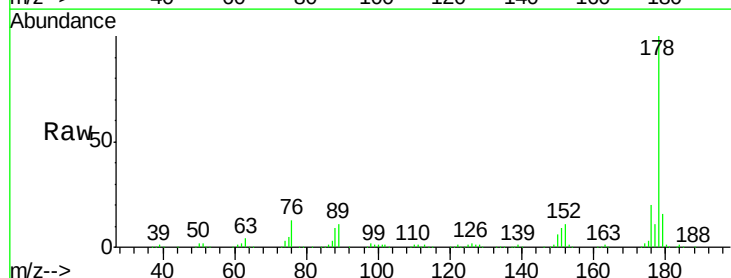


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

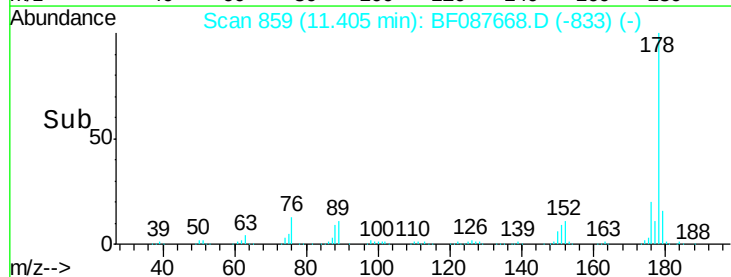
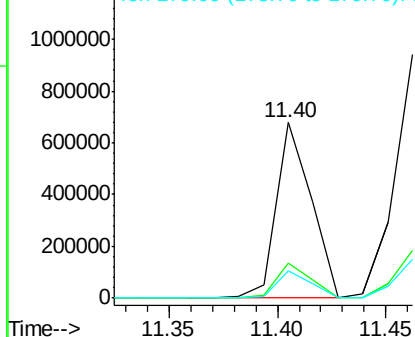


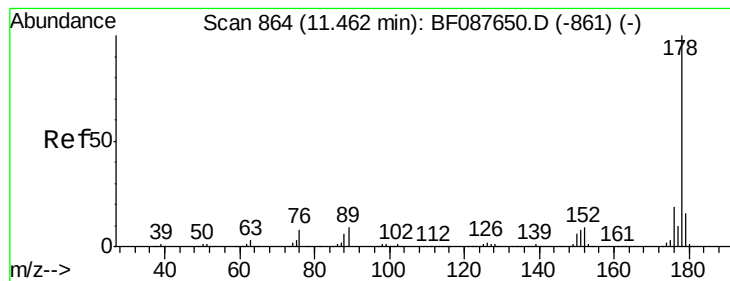
#70
 Phenanthrene
 Concen: 34.64 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:178 Resp: 759690
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 15.9 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: 39.51 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

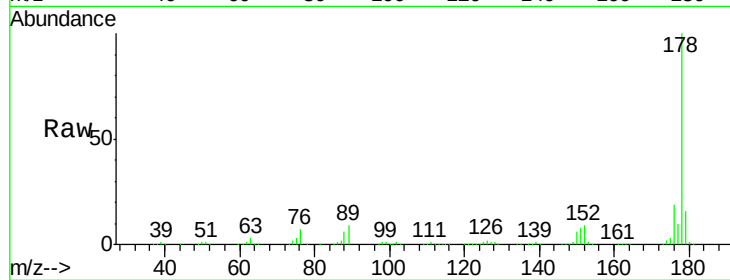
Tgt Ion:178 Resp: 868181

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

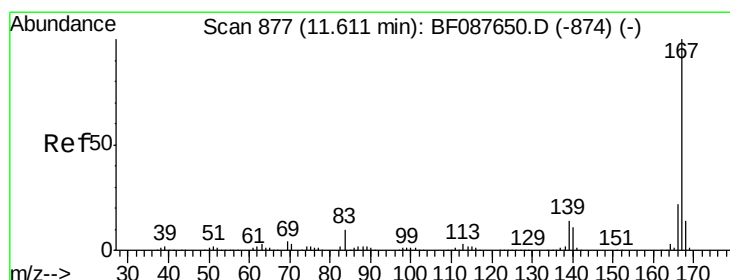
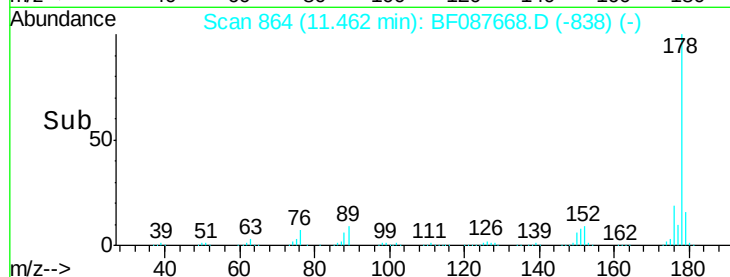
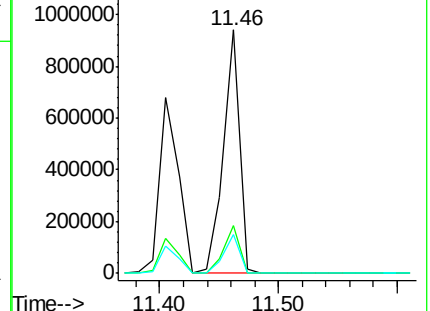
179 15.8 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.90 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

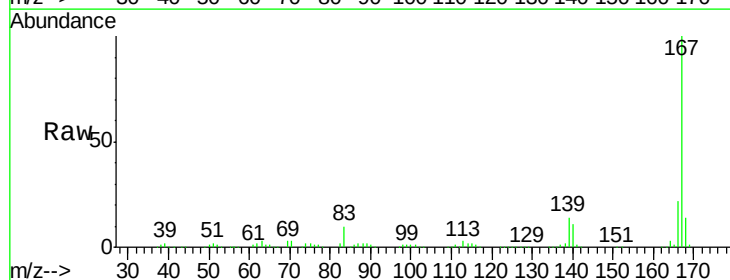
Tgt Ion:167 Resp: 746688

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.6

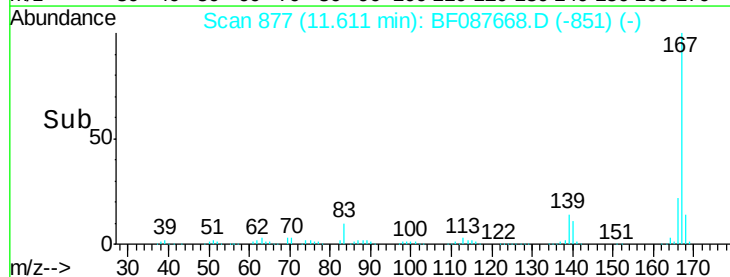
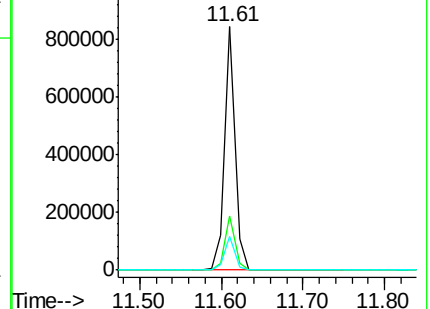
139 14.0 11.2 16.8

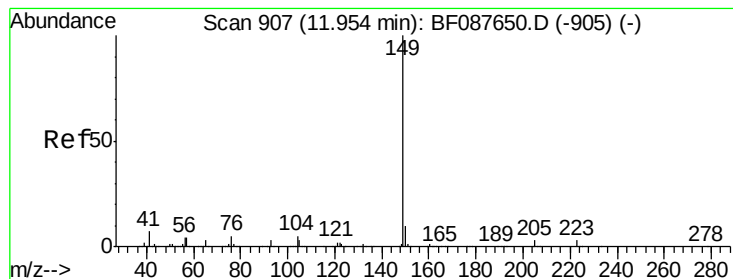


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.11 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

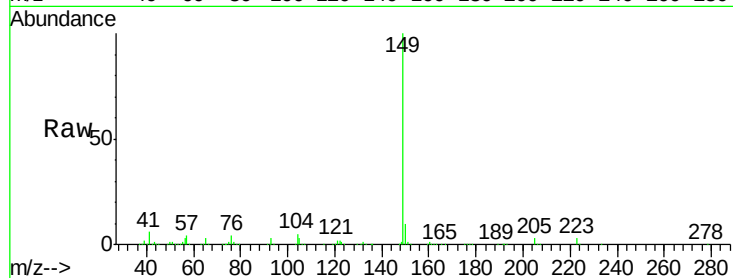
Tgt Ion:149 Resp: 916700

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

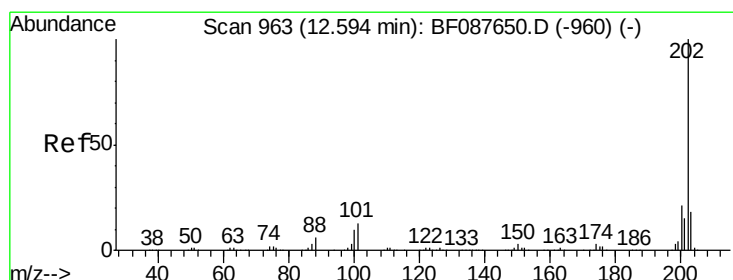
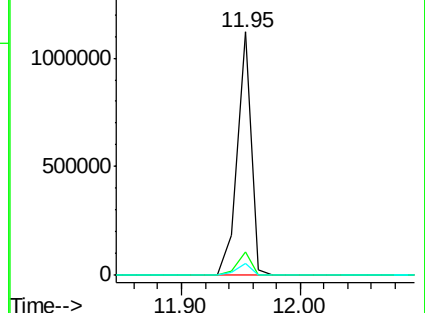
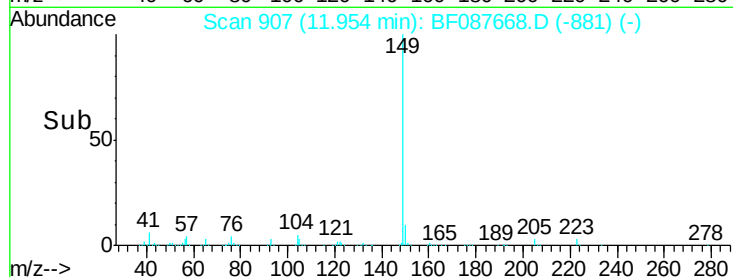
104 4.7 4.0 6.0



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: 39.99 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

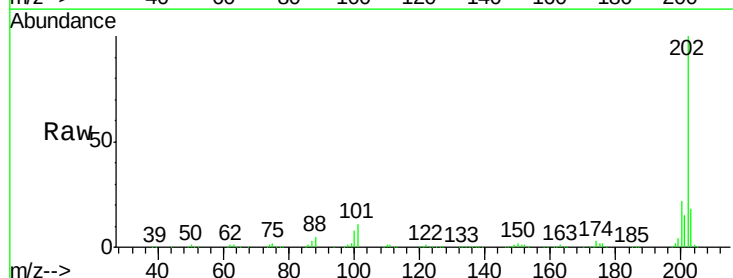
Tgt Ion:202 Resp: 862972

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.1

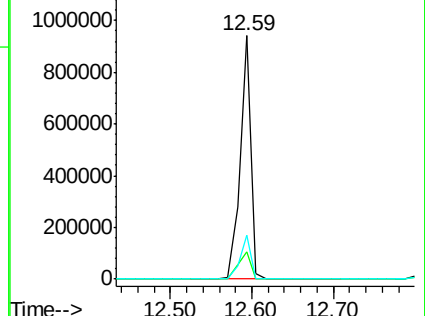
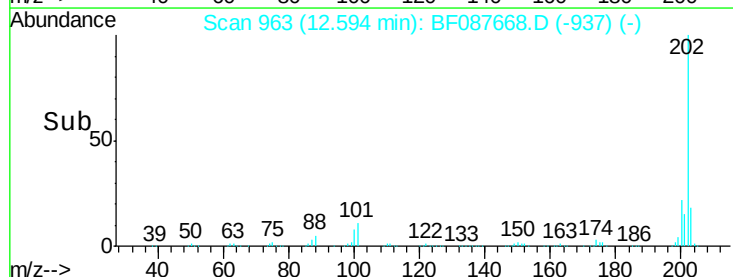
203 18.0 0.0 38.1

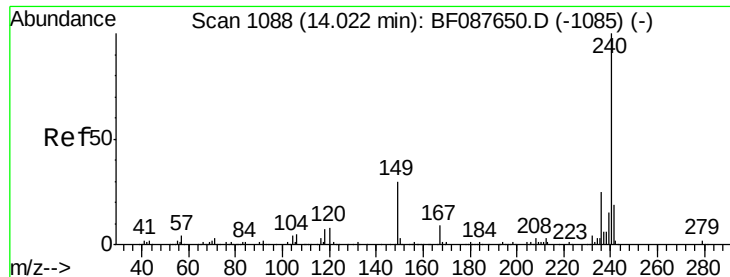


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

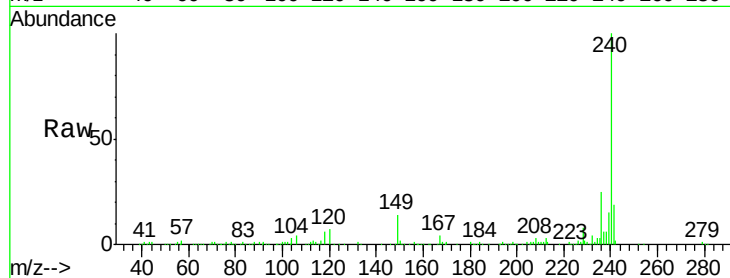
Tgt Ion:240 Resp: 300325

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

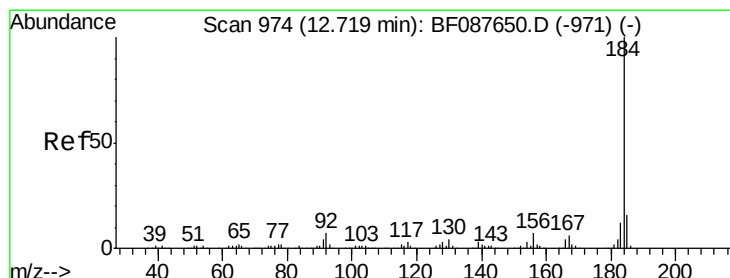
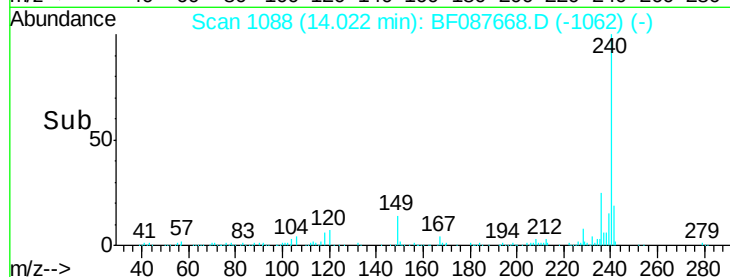
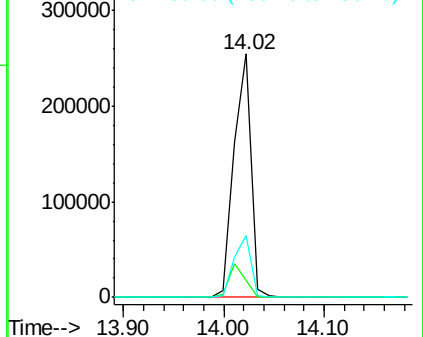
236 25.3 20.2 30.2



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: 20.50 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

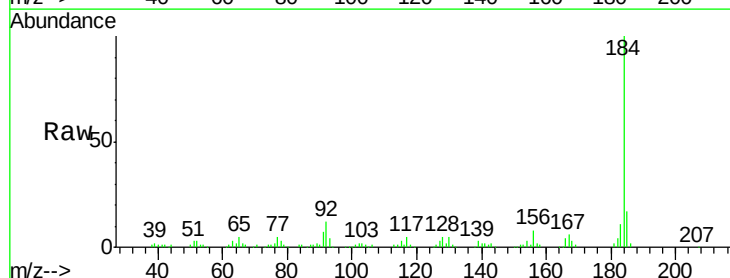
Tgt Ion:184 Resp: 242727

Ion Ratio Lower Upper

184 100

185 17.2 12.5 18.7

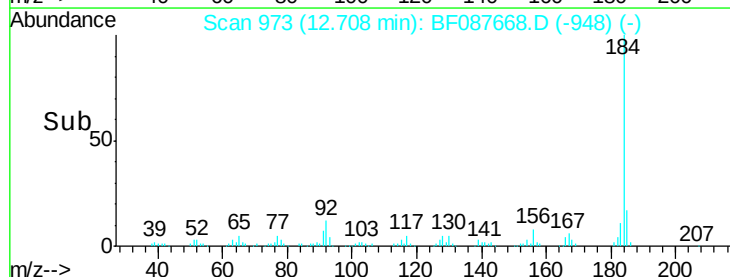
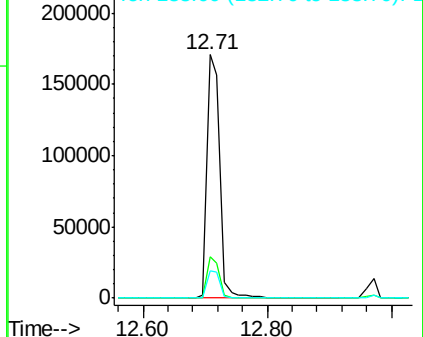
183 11.3 9.3 13.9

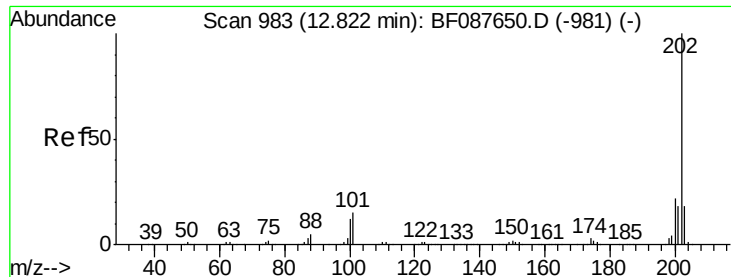


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.32 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

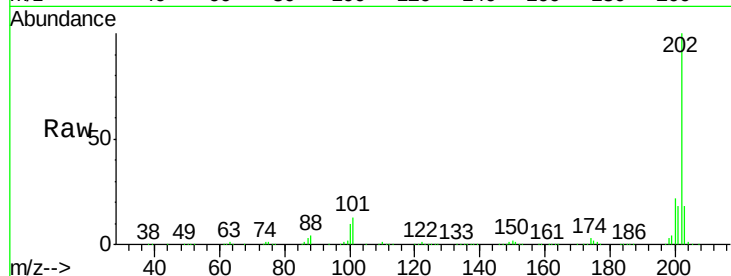
Tgt Ion:202 Resp: 883616

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

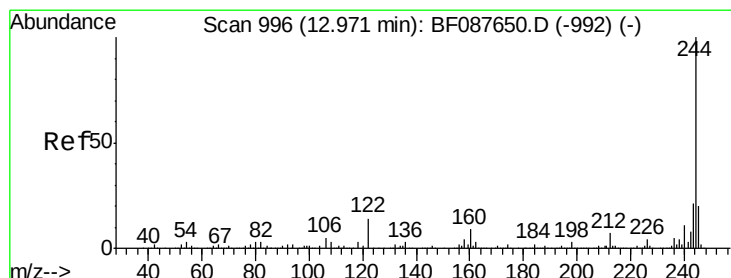
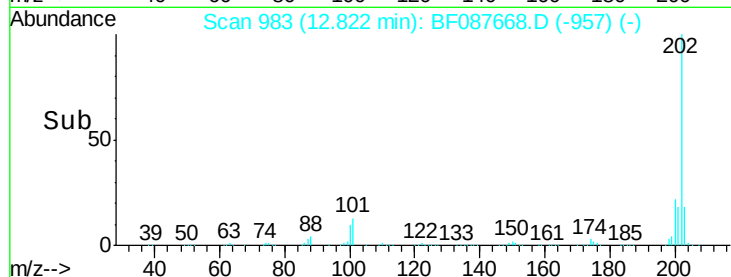
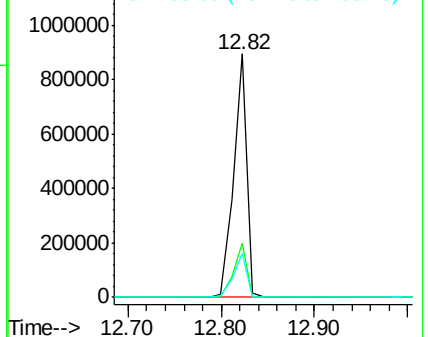
203 18.0 14.5 21.7



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: 76.32 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

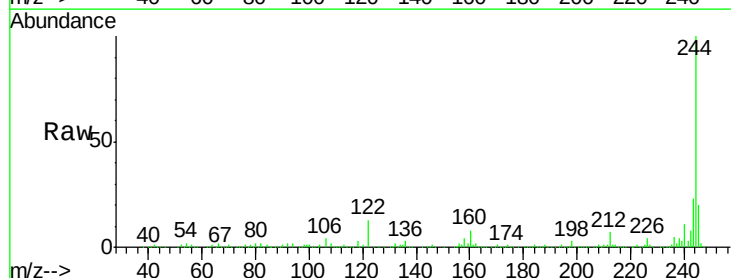
Tgt Ion:244 Resp: 939268

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

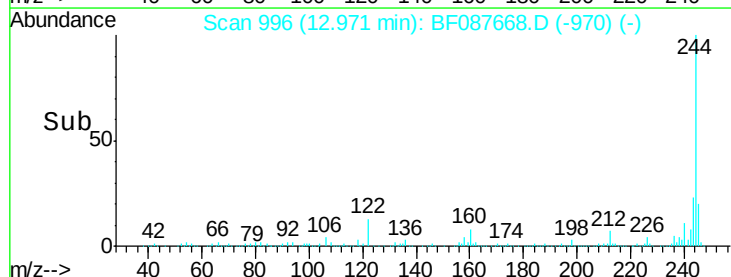
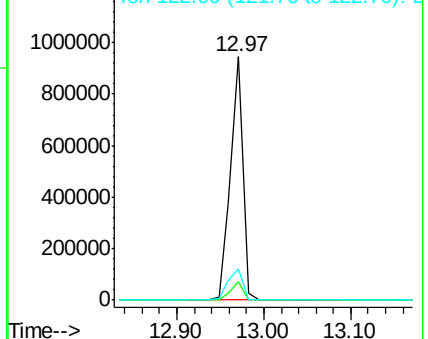
122 12.6 11.2 16.8

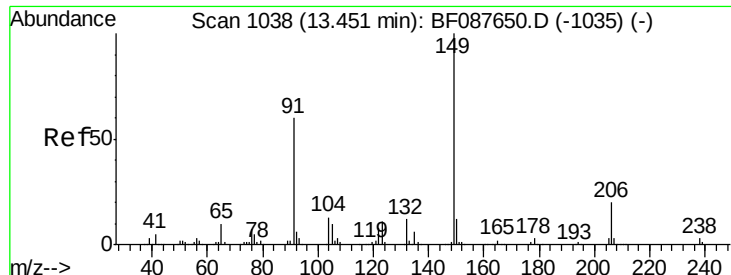


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.87 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

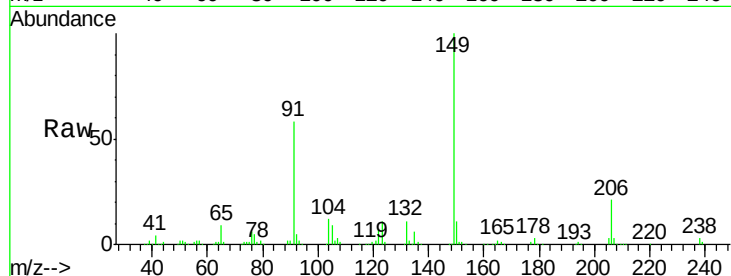
Tgt Ion:149 Resp: 390192

Ion Ratio Lower Upper

149 100

91 57.7 48.0 72.0

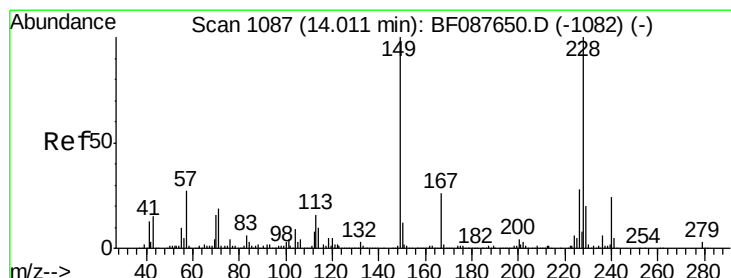
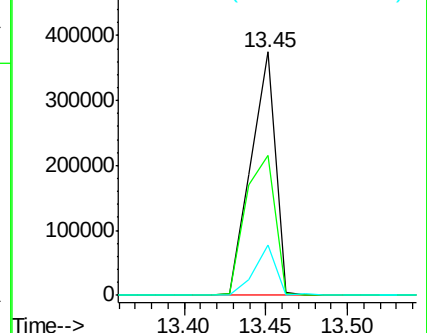
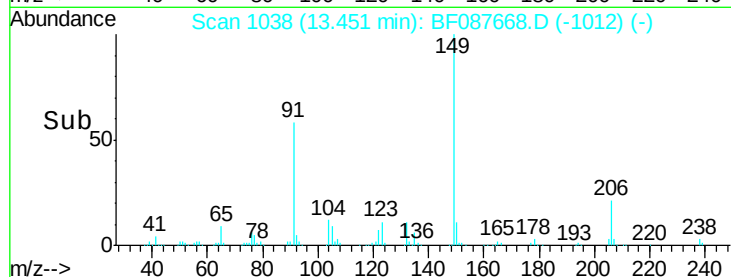
206 20.8 16.0 24.0



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: 39.53 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

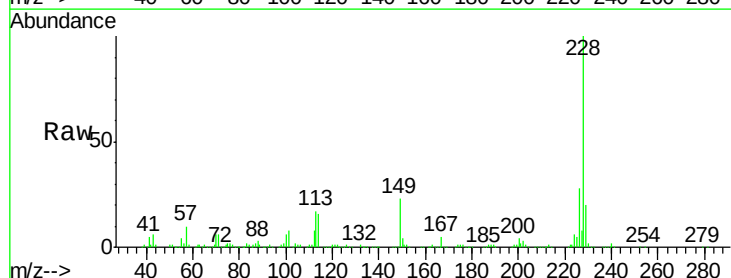
Tgt Ion:228 Resp: 685153

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

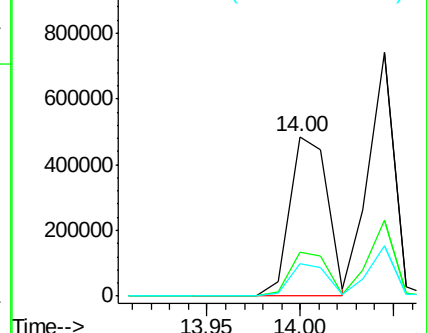
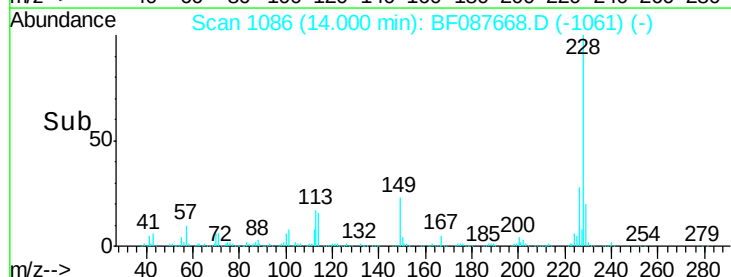
229 20.5 16.0 24.0

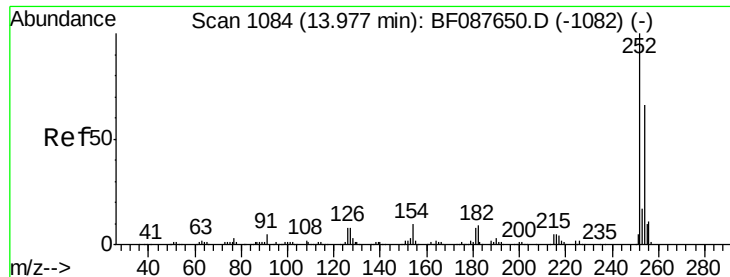


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

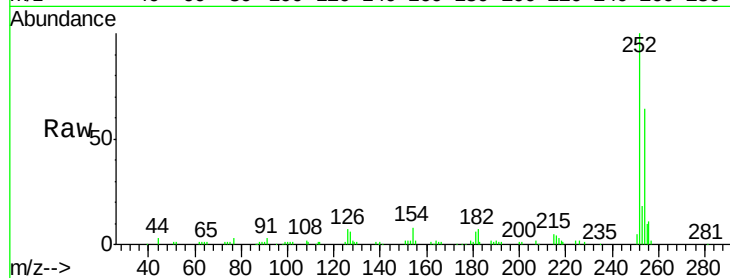




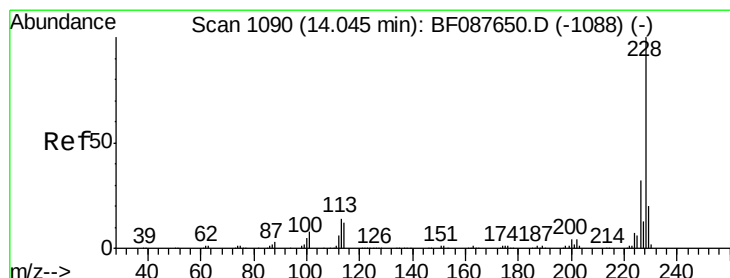
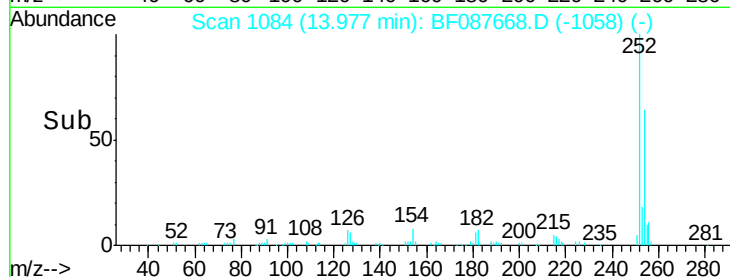
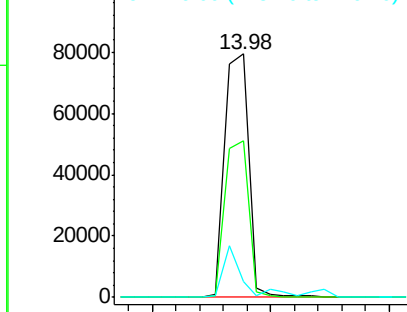
#81
 3,3'-Dichlorobenzidine
 Concen: 22.69 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

Tgt Ion:252 Resp: 110961
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 78.8
 126 6.6 6.2 9.2

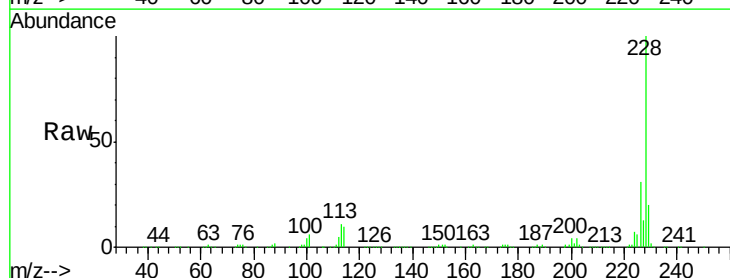


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

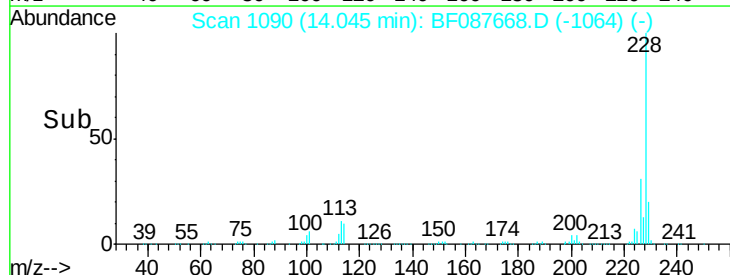
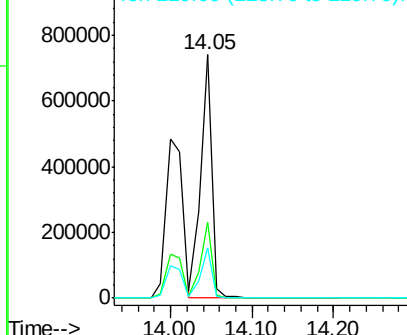


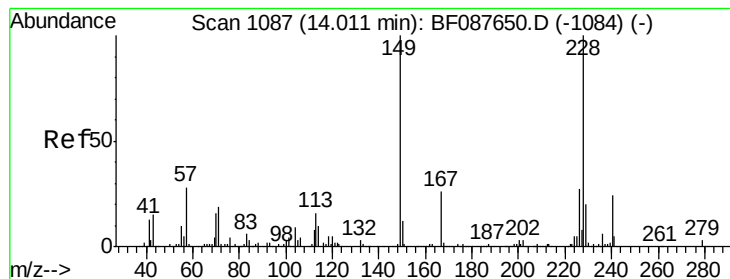
#82
 Chrysene
 Concen: 41.70 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion:228 Resp: 719359
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.4 38.2
 229 20.4 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.85 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

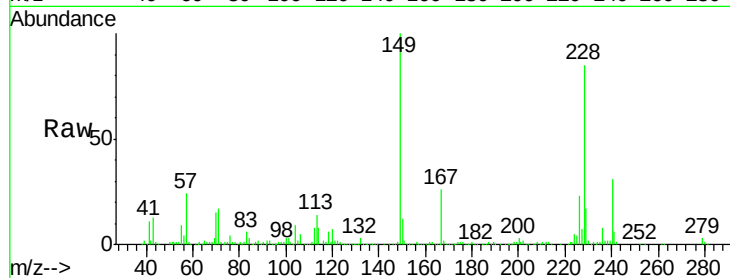
Tgt Ion:149 Resp: 464163

Ion Ratio Lower Upper

149 100

167 26.1 20.5 30.7

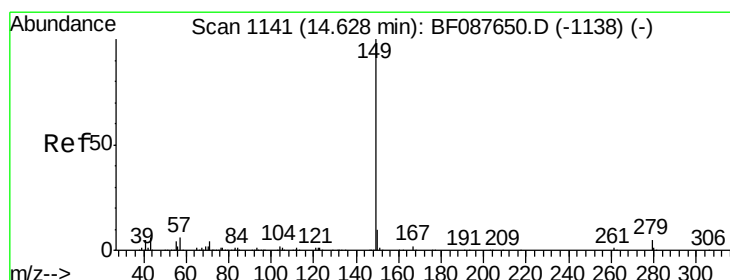
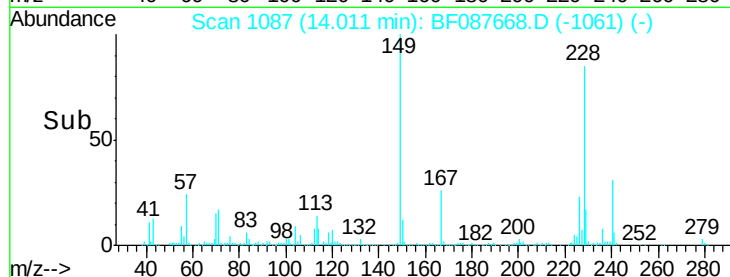
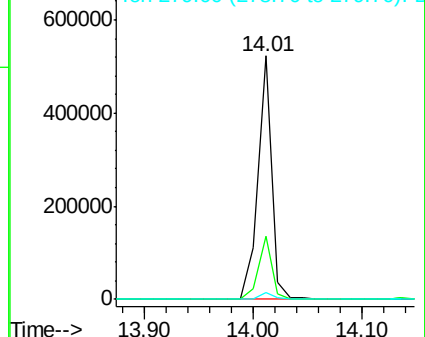
279 3.0 2.0 3.0#



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: 40.35 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

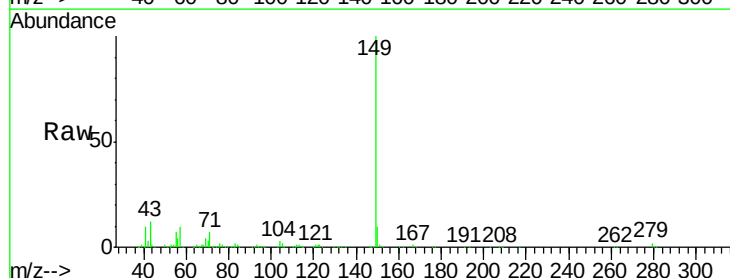
Tgt Ion:149 Resp: 812499

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

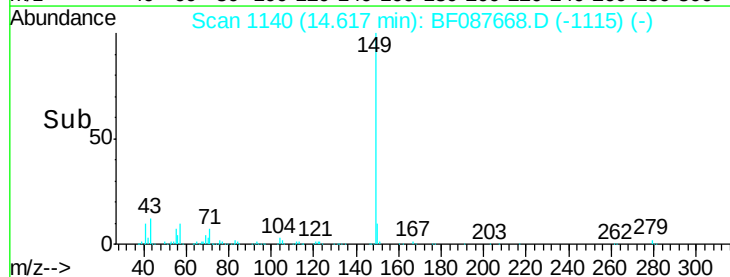
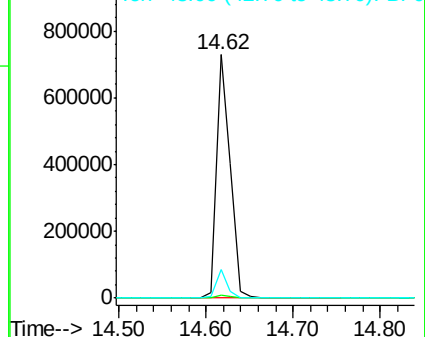
43 10.1 0.0 0.0#

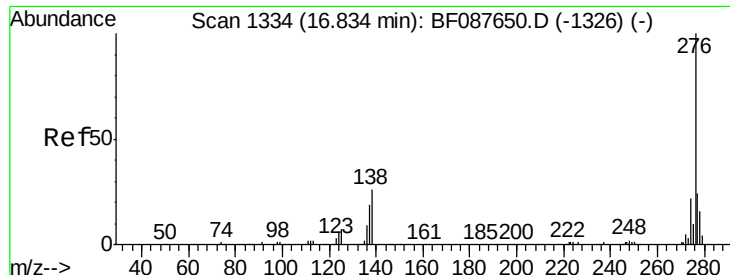


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

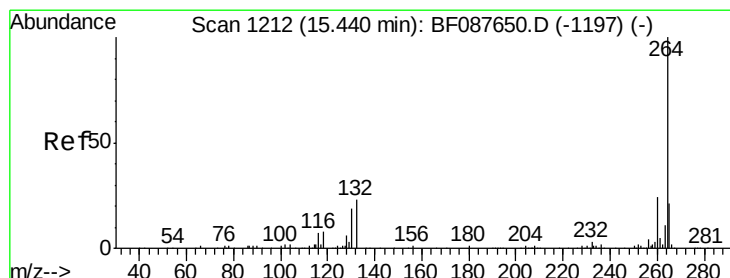
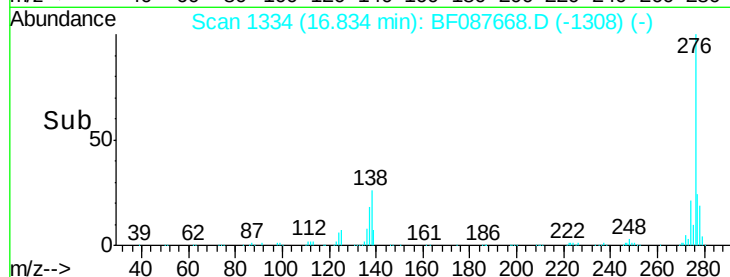
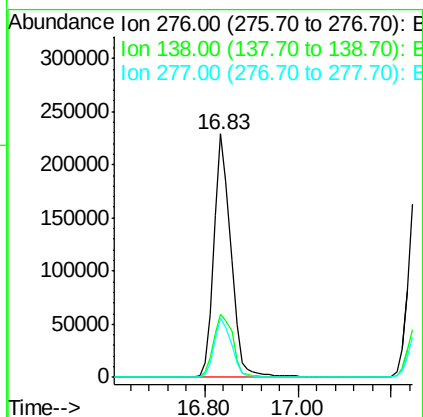
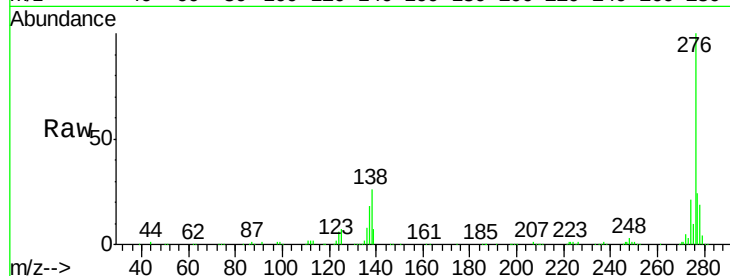




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.80 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

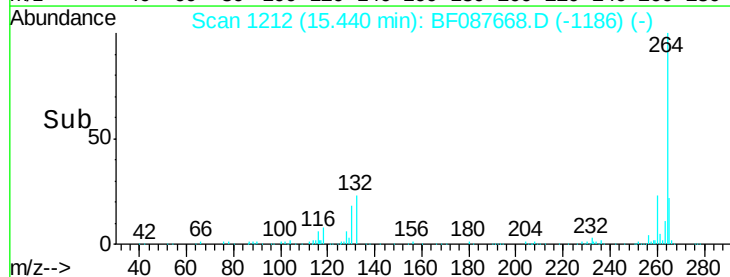
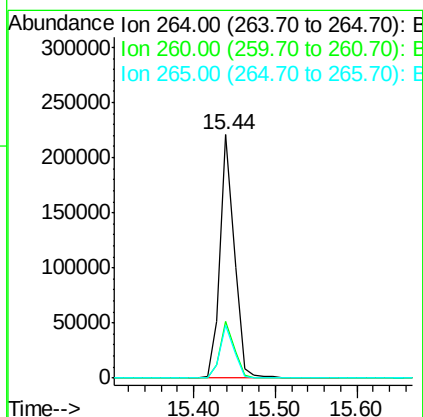
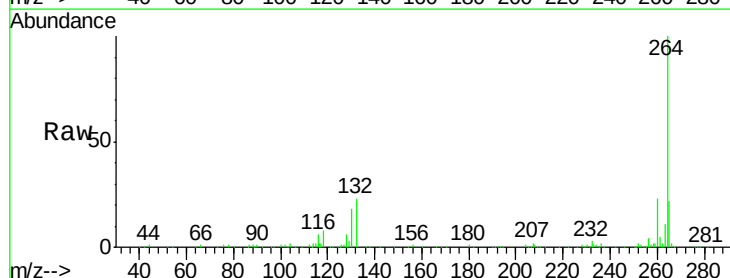
Instrument :
 BNA_F
 ClientSampleId :
 PB91075BS

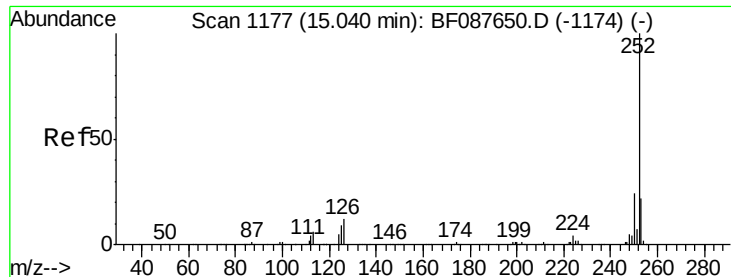
Tgt Ion: 276 Resp: 581810
 Ion Ratio Lower Upper
 276 100
 138 29.6 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087668.D
 Acq: 4 Jun 2016 16:14

Tgt Ion: 264 Resp: 269608
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.9 16.9 25.3

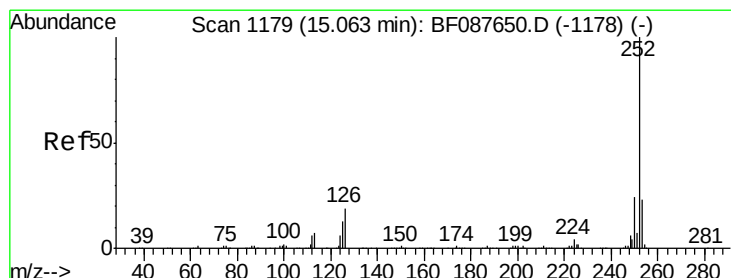
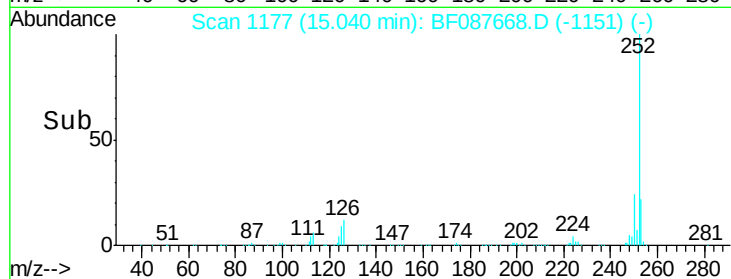
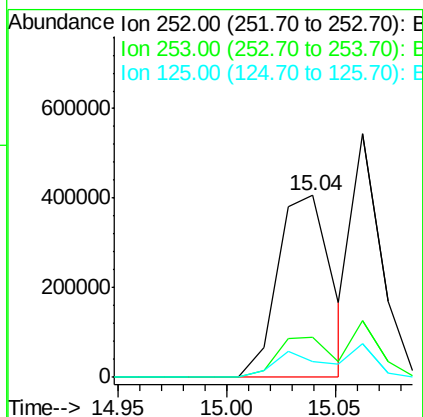
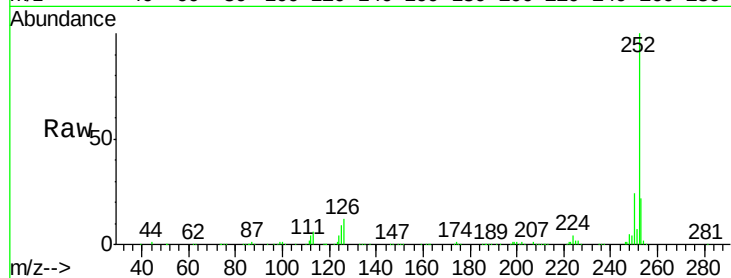




#87
Benzo(b)fluoranthene
Concen: 39.86 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

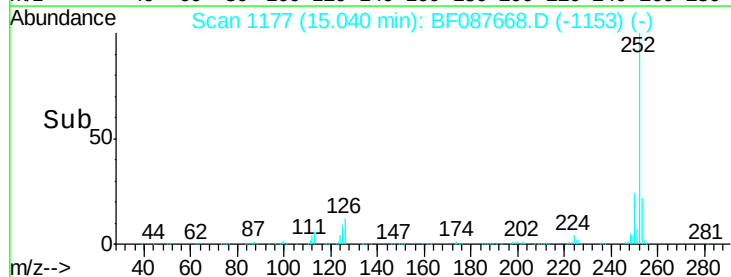
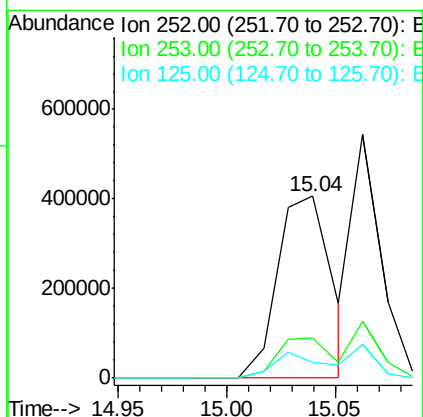
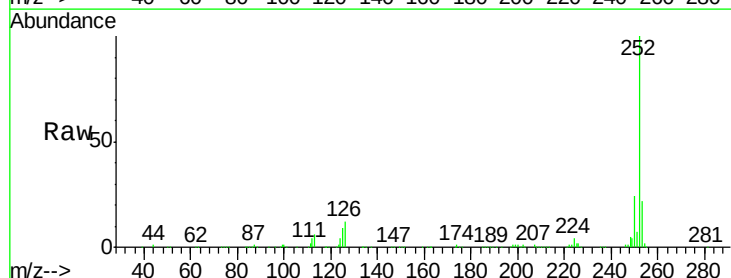
Instrument :
BNA_F
ClientSampleId :
PB91075BS

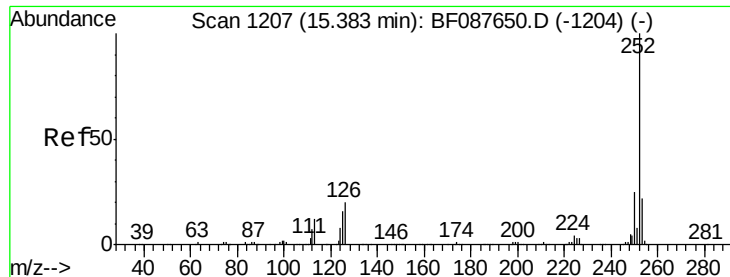
Tgt Ion:252 Resp: 699159
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.8 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 47.91 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087668.D
Acq: 4 Jun 2016 16:14

Tgt Ion:252 Resp: 699159
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.8 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 38.33 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS

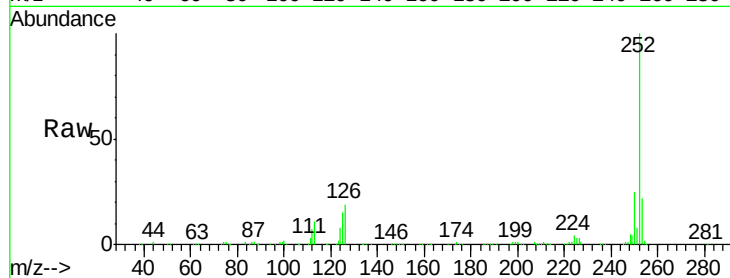
Tgt Ion:252 Resp: 565126

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

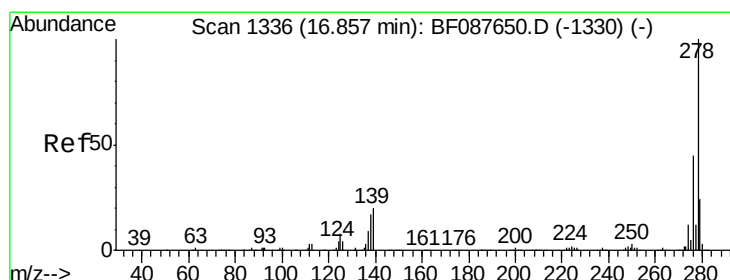
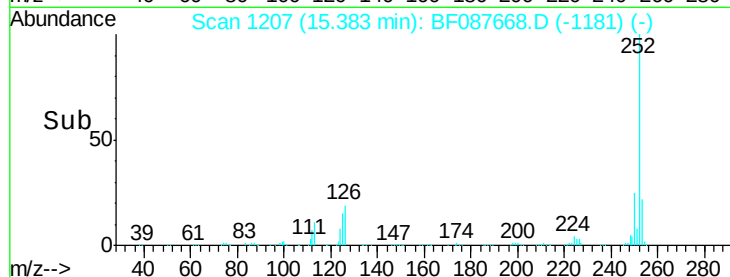
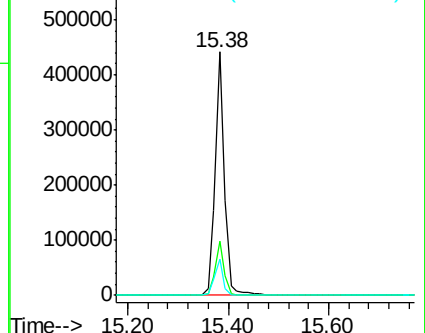
125 15.1 12.5 18.7



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: 38.47 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087668.D

Acq: 4 Jun 2016 16:14

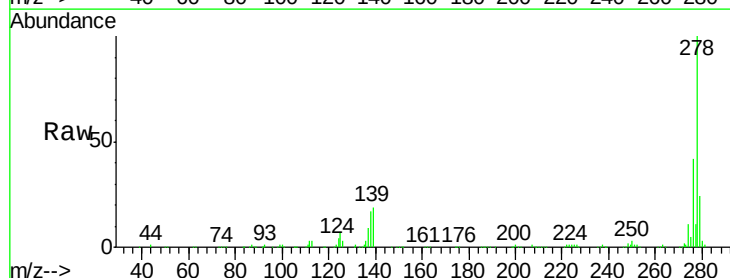
Tgt Ion:278 Resp: 482659

Ion Ratio Lower Upper

278 100

139 19.1 15.7 23.5

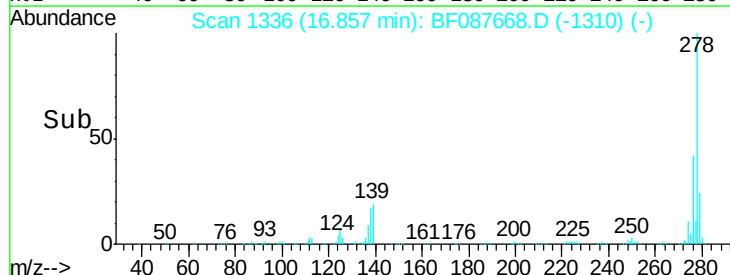
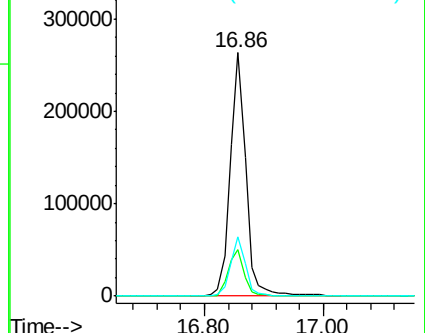
279 24.2 19.4 29.2

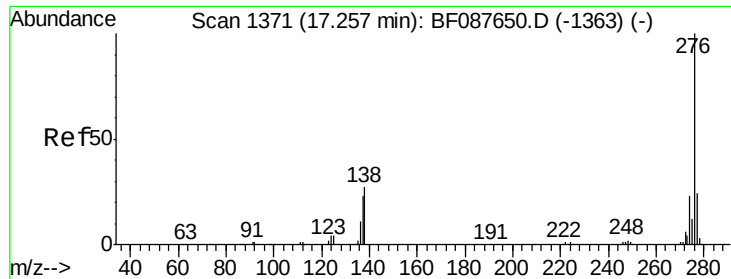


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.76 ng

RT: 17.26 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BF087668.D

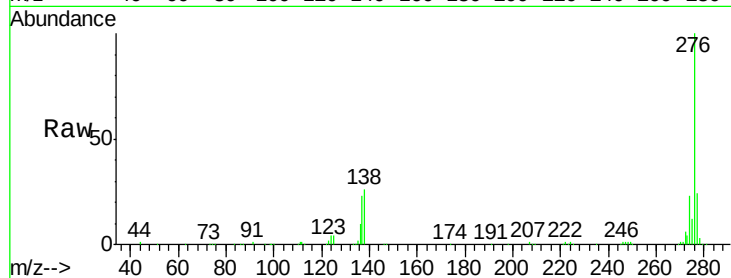
Acq: 4 Jun 2016 16:14

Instrument :

BNA_F

ClientSampleId :

PB91075BS



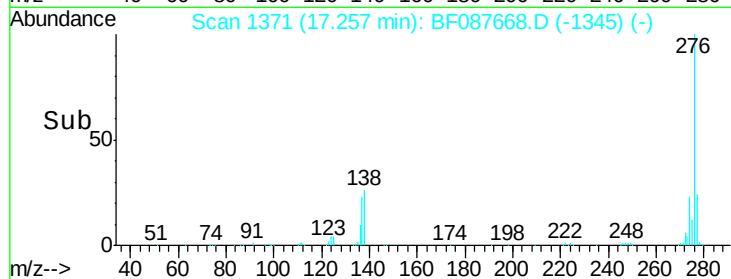
Tgt Ion: 276 Resp: 490675

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 25.9 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

