

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087672.D
 Acq On : 4 Jun 2016 18:15
 Operator : UM/SJ
 Sample : PB91062BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Quant Time: Jun 05 01:00:53 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	115641	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	489483	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	228003	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	412712	20.00	ng	0.00
75) Chrysene-d12	14.02	240	299637	20.00	ng	0.00
86) Perylene-d12	15.44	264	274984	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	697701	97.52	ng	0.01
7) Phenol-d6	6.49	99	989309	110.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	635630	75.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	252656	110.39	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1126369	72.33	ng	-0.01
78) Terphenyl-d14	12.97	244	969884	78.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	101222	29.27	ng	# 26
3) Pyridine	3.29	79	253774	27.78	ng	99
4) n-Nitrosodimethylamine	3.23	42	139045	36.03	ng	99
6) Aniline	6.52	93	268593	21.12	ng	98
8) 2-Chlorophenol	6.64	128	289114	35.12	ng	99
9) Benzaldehyde	6.40	77	20914	3.45	ng	89
10) Phenol	6.50	94	429947	42.08	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	247281	33.31	ng	99
12) 1,3-Dichlorobenzene	6.80	146	309853	35.15	ng	98
13) 1,4-Dichlorobenzene	6.88	146	319814	36.16	ng	98
14) 1,2-Dichlorobenzene	6.88	146	319814	38.57	ng	98
15) Benzyl Alcohol	7.00	79	228959	34.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	380971	35.19	ng	97
17) 2-Methylphenol	7.12	107	253040	38.28	ng	94
18) Hexachloroethane	7.37	117	110774	35.81	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	202012	36.05	ng	96
20) 3+4-Methylphenols	7.27	107	298898	36.90	ng	# 89
22) Acetophenone	7.27	105	386977	34.90	ng	# 83
24) Nitrobenzene	7.44	77	277856	32.82	ng	87
25) Isophorone	7.69	82	551777	35.82	ng	95
26) 2-Nitrophenol	7.76	139	147485	37.49	ng	94
27) 2,4-Dimethylphenol	7.80	122	305155	37.43	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	329414	33.72	ng	97
29) 2,4-Dichlorophenol	8.00	162	243486	36.36	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	262665	37.46	ng	98
31) Naphthalene	8.17	128	910925	38.28	ng	99
32) Benzoic acid	7.92	122	204115	41.50	ng	97
33) 4-Chloroaniline	8.22	127	159000	15.38	ng	94
34) Hexachlorobutadiene	8.30	225	129156	35.43	ng	98
35) Caprolactam	8.58	113	56079	25.49	ng	95
36) 4-Chloro-3-methylphenol	8.70	107	248617	35.89	ng	99
37) 2-Methylnaphthalene	8.86	142	550048	35.00	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237403	37.78	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	257996	69.80	ng	100

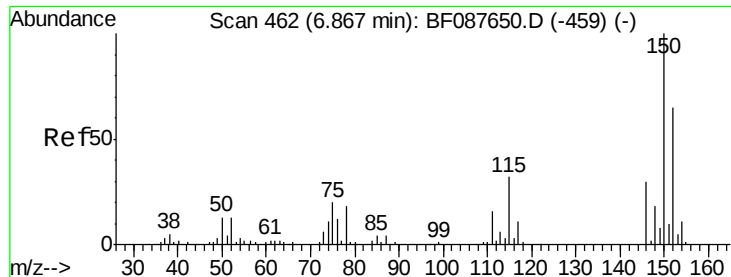
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	168989	35.61	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	175539	39.75	ng	# 91
45) 1,1'-Biphenyl	9.32	154	645164	34.87	ng	99
46) 2-Chloronaphthalene	9.35	162	513969	34.89	ng	99
47) 2-Nitroaniline	9.44	65	148297	35.76	ng	98
48) Acenaphthylene	9.76	152	834535	36.33	ng	100
49) Dimethylphthalate	9.63	163	659972	39.82	ng	99
50) 2,6-Dinitrotoluene	9.69	165	153843	40.79	ng	99
51) Acenaphthene	9.93	154	566076	38.30	ng	100
52) 3-Nitroaniline	9.85	138	96225	22.31	ng	93
53) 2,4-Dinitrophenol	9.95	184	124111	72.88	ng	91
54) Dibenzofuran	10.11	168	781449	38.84	ng	100
55) 4-Nitrophenol	10.01	139	254026	68.90	ng	92
56) 2,4-Dinitrotoluene	10.09	165	214360	44.64	ng	# 90
57) Fluorene	10.44	166	535430	34.04	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	146014	38.38	ng	# 57
59) Diethylphthalate	10.33	149	601961	36.16	ng	100
60) 4-Chlorophenyl-phenylether	10.44	204	245896	38.23	ng	99
61) 4-Nitroaniline	10.47	138	155626	37.53	ng	98
62) Azobenzene	10.60	77	656872	39.20	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	86289	38.05	ng	99
65) n-Nitrosodiphenylamine	10.56	169	498508	36.88	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	168031	41.06	ng	96
67) Hexachlorobenzene	10.99	284	167039	36.50	ng	97
68) Atrazine	11.08	200	152262	38.03	ng	91
69) Pentachlorophenol	11.19	266	208634	76.73	ng	96
70) Phenanthrene	11.41	178	805827	36.01	ng	100
71) Anthracene	11.46	178	888900	39.64	ng	100
72) Carbazole	11.61	167	766106	36.09	ng	100
73) Di-n-butylphthalate	11.95	149	936157	41.14	ng	100
74) Fluoranthene	12.59	202	865512	39.31	ng	99
76) Benzidine	12.72	184	254858	21.57	ng	98
77) Pyrene	12.82	202	898396	42.11	ng	100
79) Butylbenzylphthalate	13.45	149	401317	44.19	ng	95
80) Benzo(a)anthracene	14.00	228	693633	40.11	ng	100
81) 3,3'-Dichlorobenzidine	13.97	252	117393	24.06	ng	# 94
82) Chrysene	14.05	228	733193	42.60	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	479349	44.36	ng	# 98
84) Di-n-octyl phthalate	14.62	149	855197	42.57	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.83	276	594973	41.82	ng	# 100
87) Benzo(b)fluoranthene	15.04	252	716769	40.07	ng	99
88) Benzo(k)fluoranthene	15.04	252	716769	48.16	ng	# 95
89) Benzo(a)pyrene	15.38	252	577469	38.40	ng	100
90) Dibenzo(a,h)anthracene	16.86	278	499008	39.00	ng	98
91) Benzo(g,h,i)perylene	17.26	276	498166	38.59	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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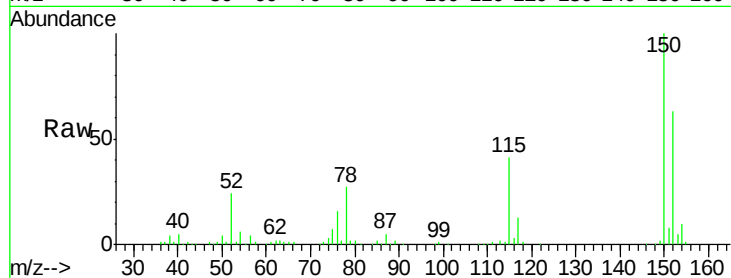
Tgt Ion:152 Resp: 115641

Ion Ratio Lower Upper

152 100

150 158.0 123.8 185.6

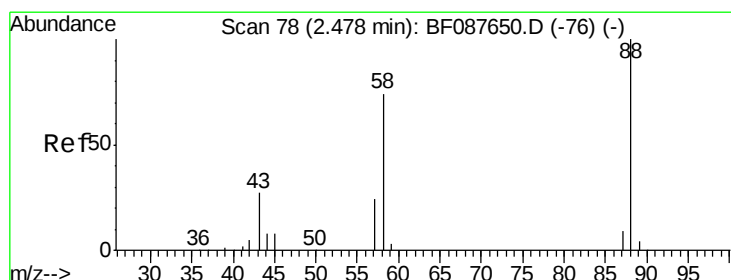
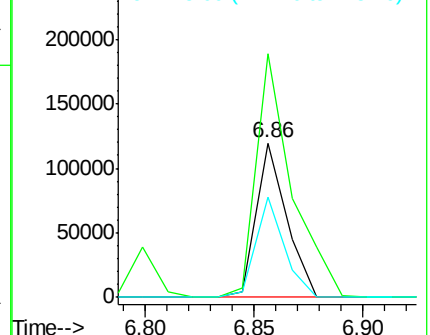
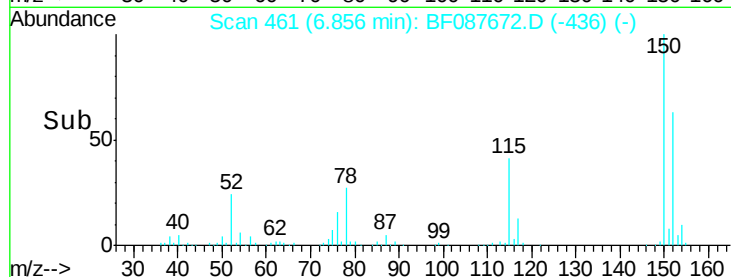
115 64.8 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.27 ng

RT: 2.58 min Scan# 87

Delta R.T. 0.10 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

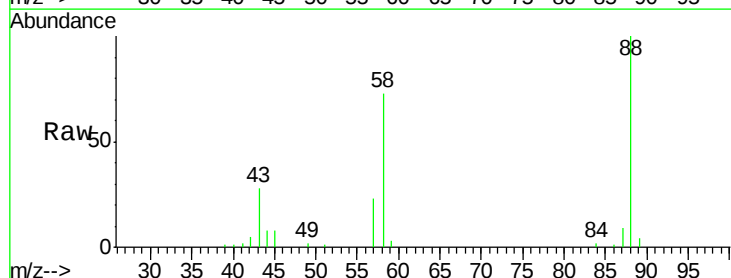
Tgt Ion: 88 Resp: 101222

Ion Ratio Lower Upper

88 100

58 75.4 0.0 0.0#

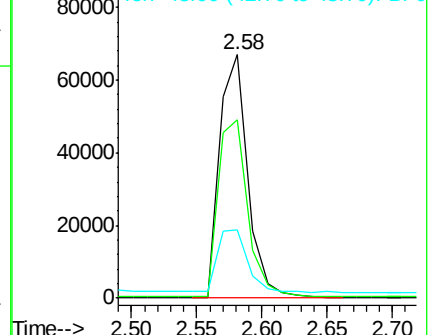
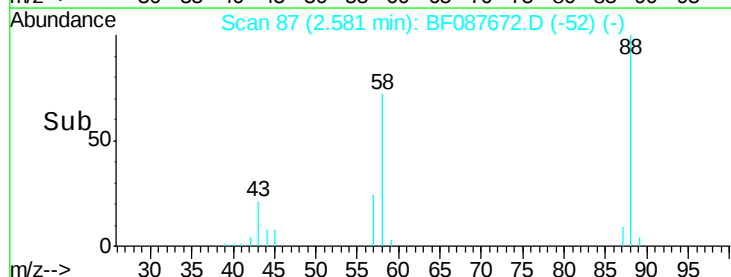
43 28.8 3.4 5.2#

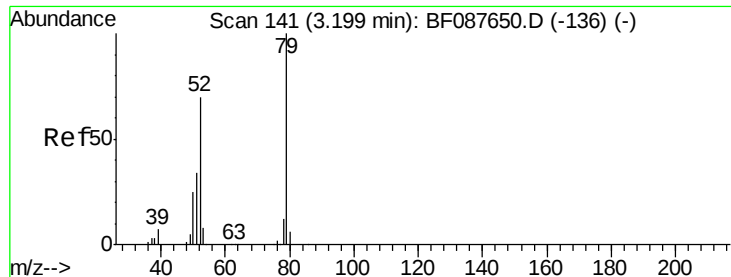


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.78 ng

RT: 3.29 min Scan# 149

Delta R.T. 0.09 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

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ClientSampleId :

PB91062BS

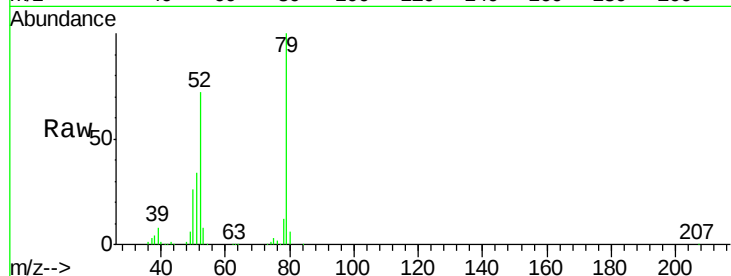
Tgt Ion: 79 Resp: 253774

Ion Ratio Lower Upper

79 100

52 71.5 56.3 84.5

51 34.5 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

3.29

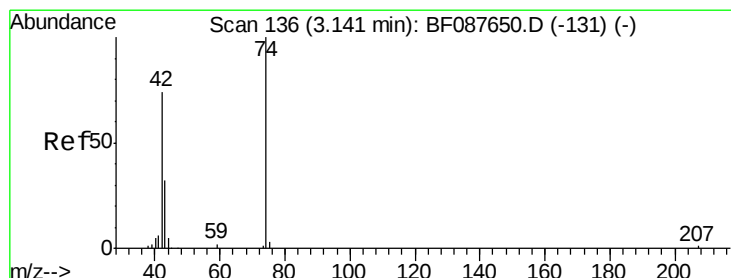
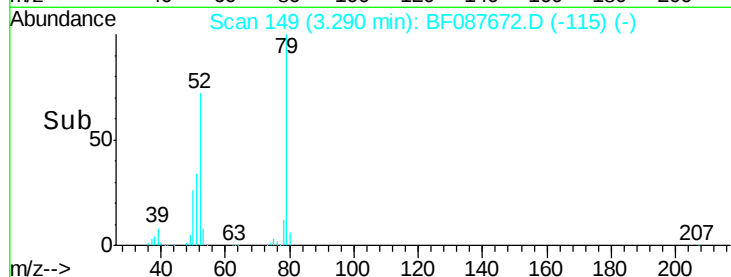
150000

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 36.03 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

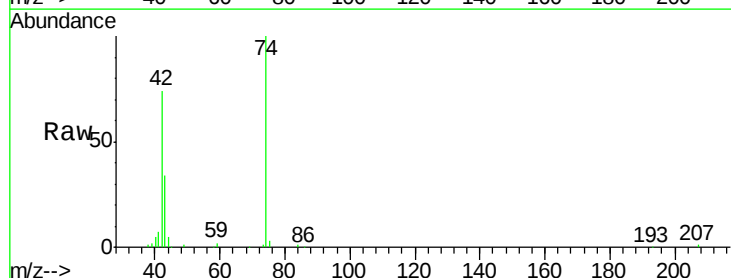
Tgt Ion: 42 Resp: 139045

Ion Ratio Lower Upper

42 100

74 135.2 108.6 163.0

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

120000

100000

80000

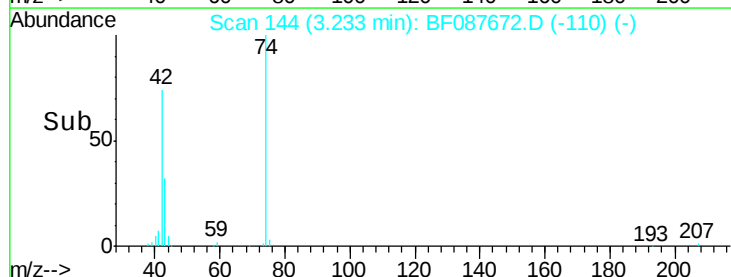
60000

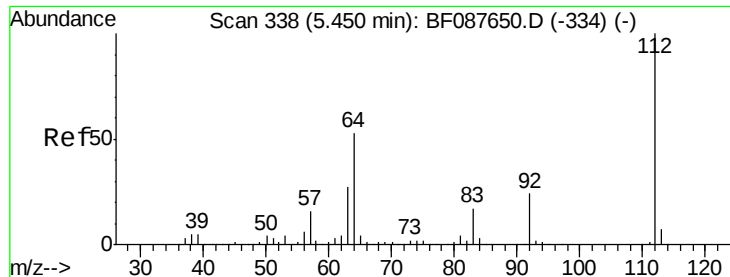
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 97.52 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

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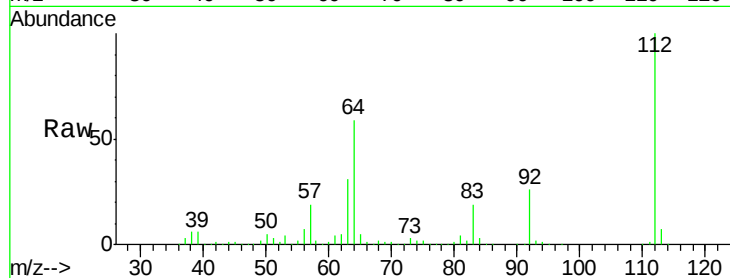
Tgt Ion: 112 Resp: 697701

Ion Ratio Lower Upper

112 100

64 59.4 42.2 63.2

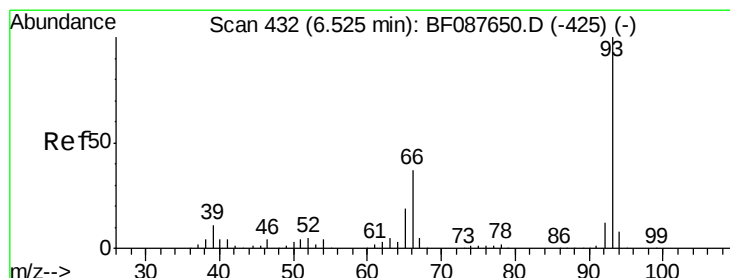
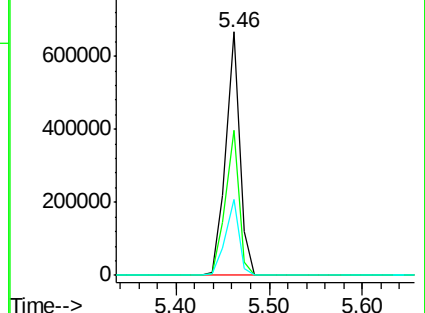
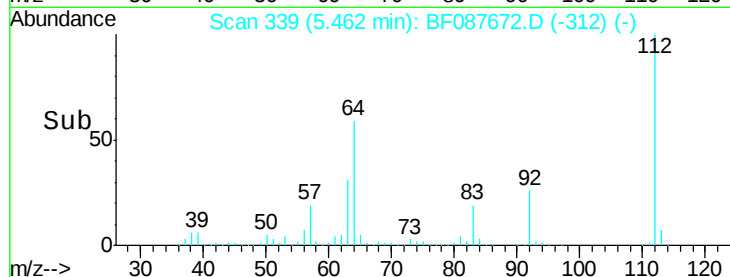
63 31.1 21.8 32.8



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: 21.12 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

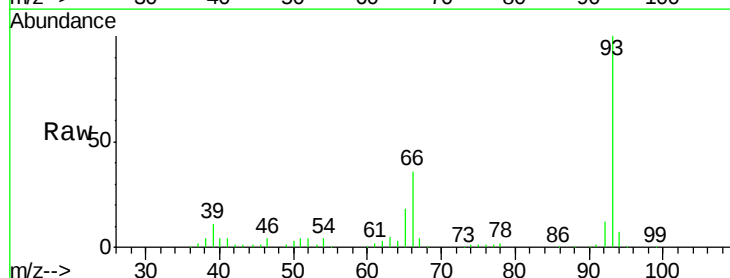
Tgt Ion: 93 Resp: 268593

Ion Ratio Lower Upper

93 100

66 35.9 29.8 44.8

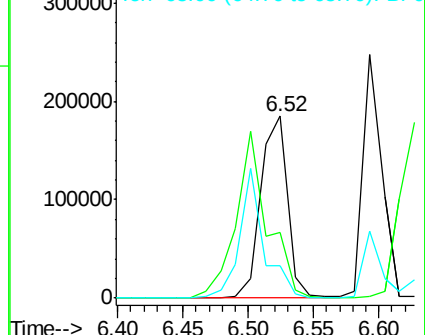
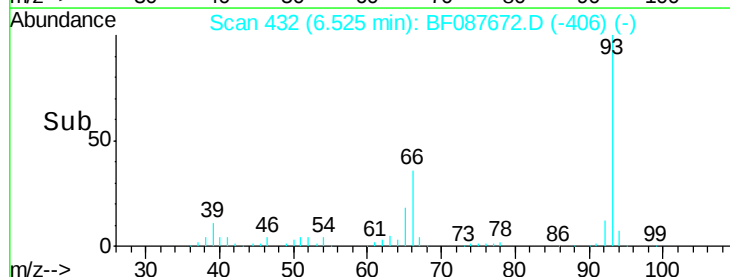
65 18.1 14.9 22.3

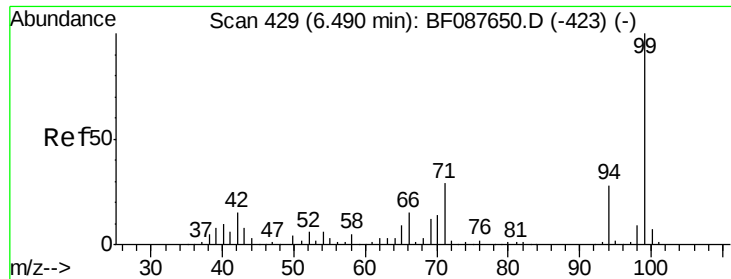


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.26 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087672.D

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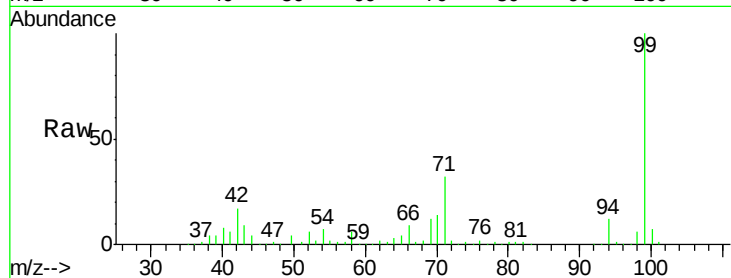
Tgt Ion: 99 Resp: 989309

Ion Ratio Lower Upper

99 100

42 16.7 12.2 18.2

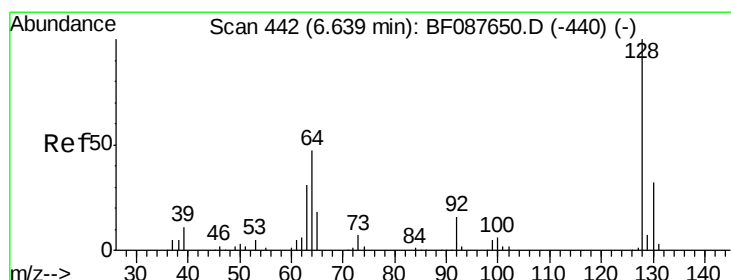
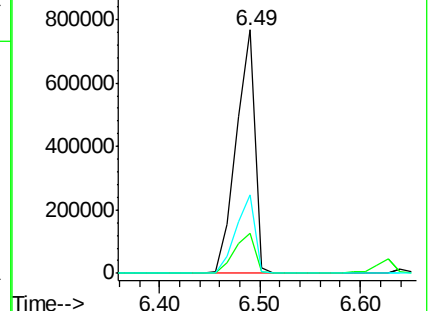
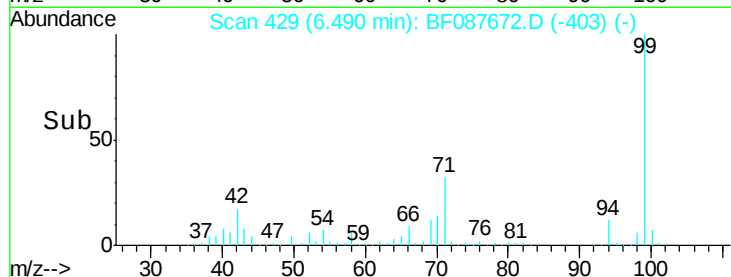
71 32.4 23.4 35.0



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: 35.12 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

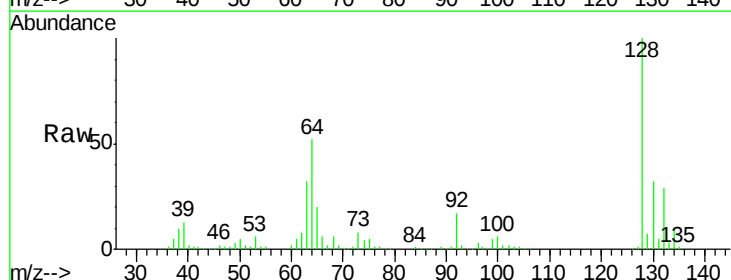
Tgt Ion: 128 Resp: 289114

Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

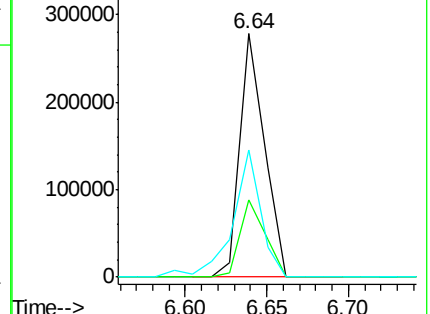
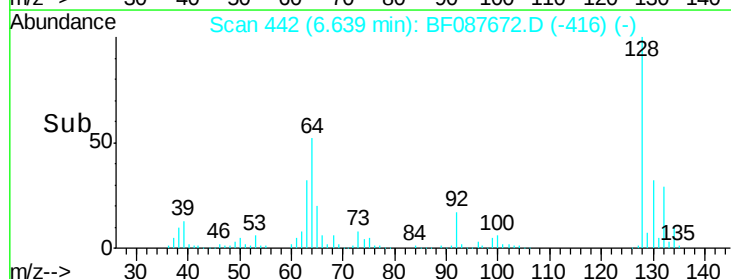
64 52.0 30.8 70.8

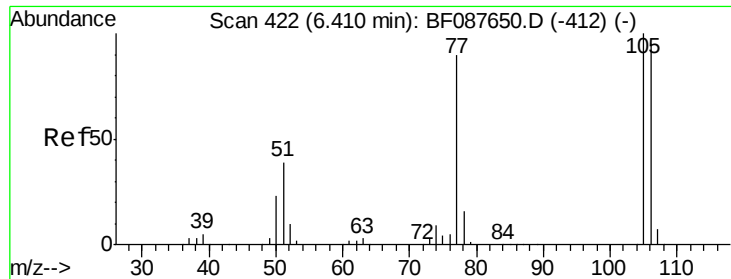


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

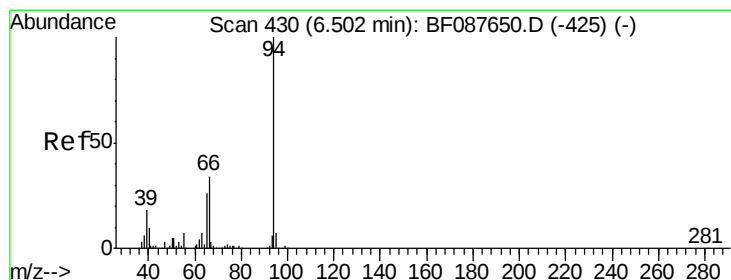
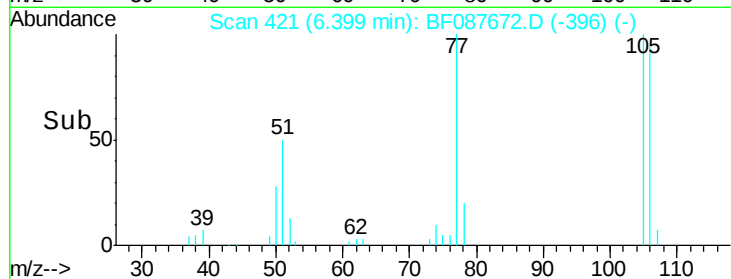
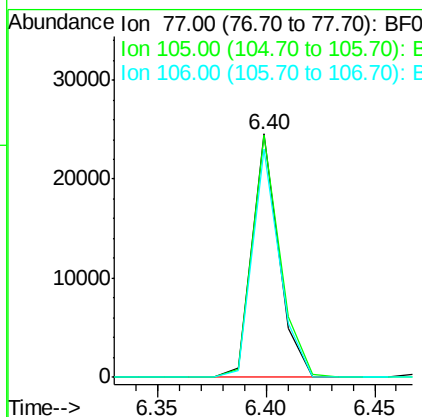
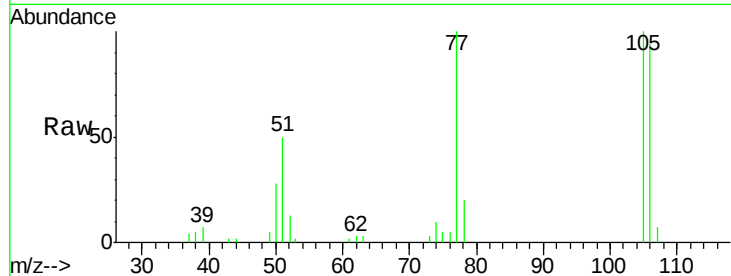




#9
Benzaldehyde
Concen: 3.45 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

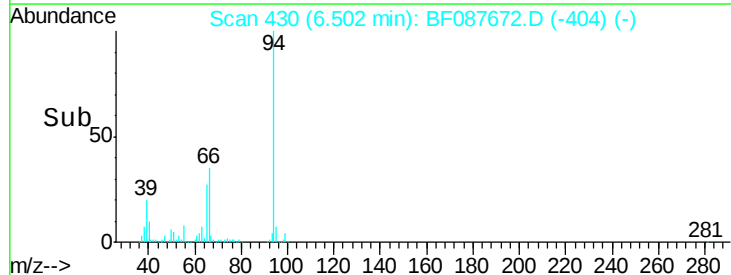
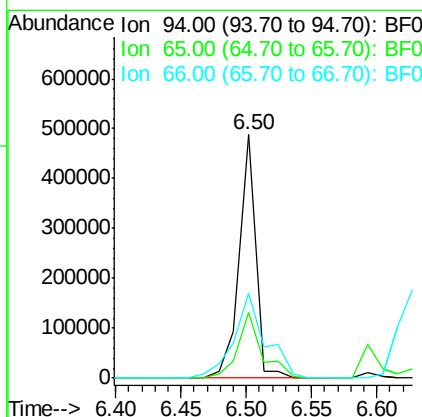
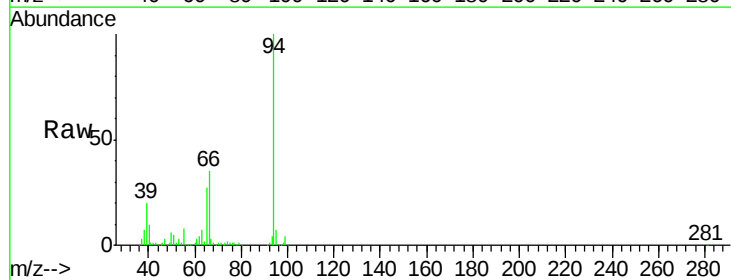
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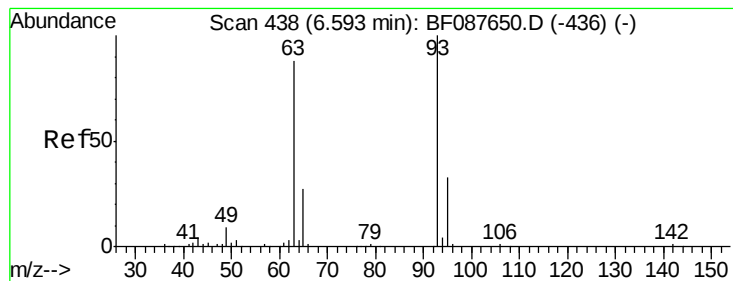
Tgt Ion: 77 Resp: 20914
Ion Ratio Lower Upper
77 100
105 99.5 90.6 130.6
106 93.7 85.3 125.3



#10
Phenol
Concen: 42.08 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion: 94 Resp: 429947
Ion Ratio Lower Upper
94 100
65 26.9 5.9 45.9
66 34.9 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 33.31 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

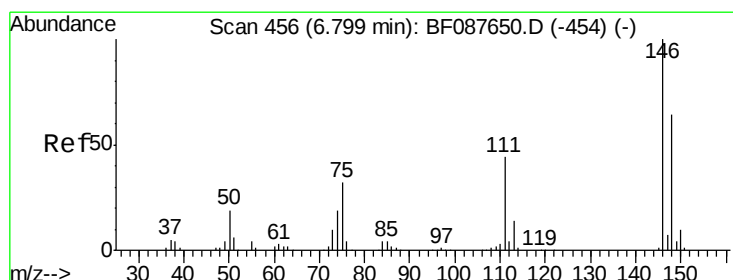
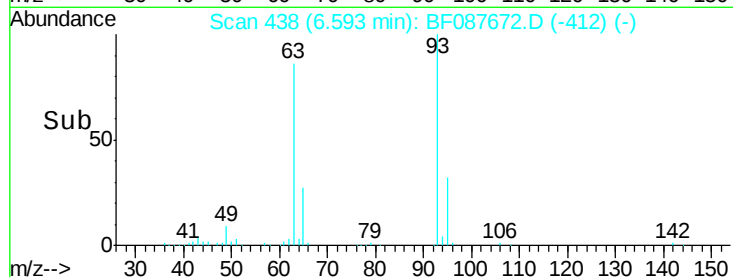
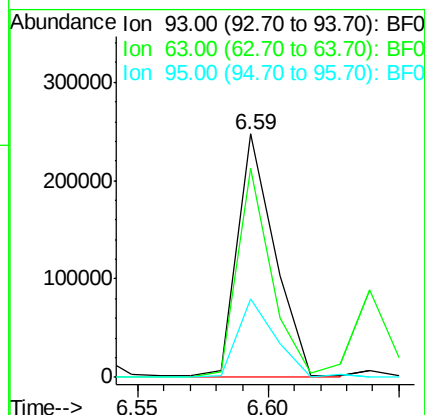
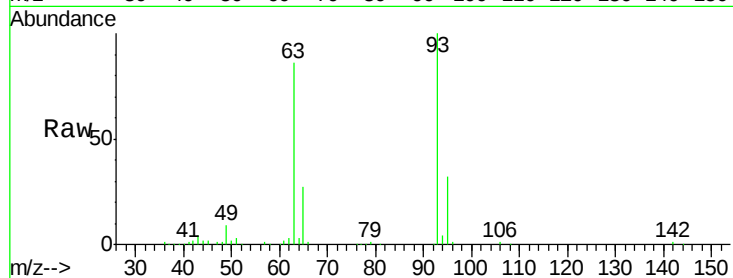
Tgt Ion: 93 Resp: 247281

Ion Ratio Lower Upper

93 100

63 86.0 67.6 107.6

95 32.2 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 35.15 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

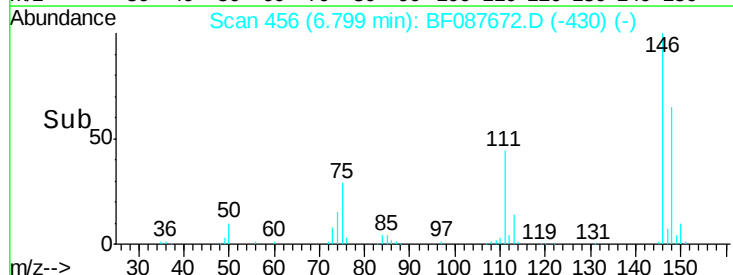
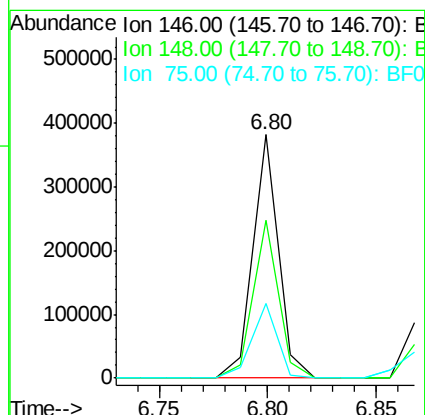
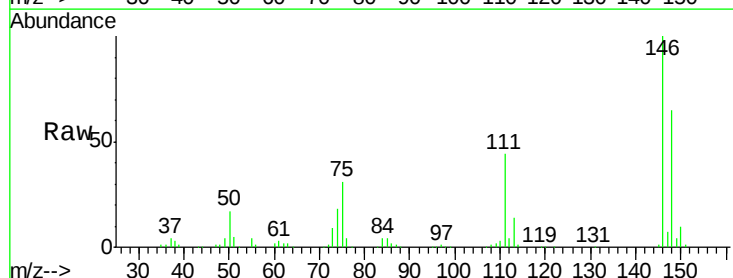
Tgt Ion: 146 Resp: 309853

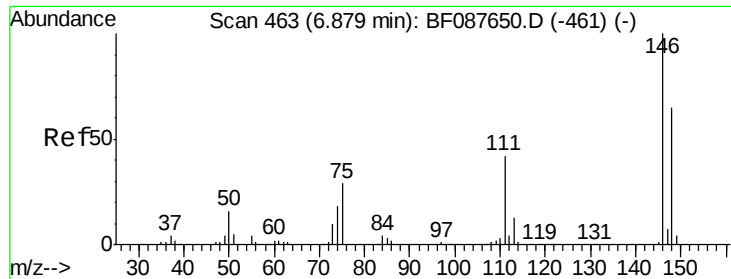
Ion Ratio Lower Upper

146 100

148 64.8 50.9 76.3

75 30.5 25.6 38.4

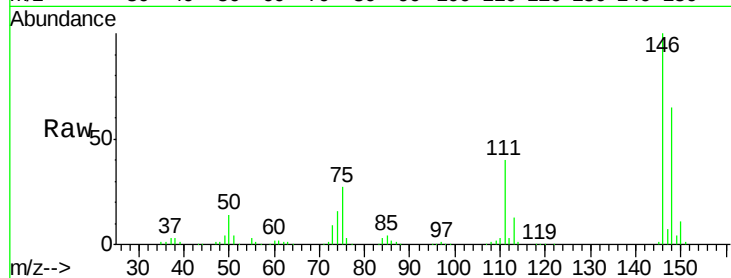




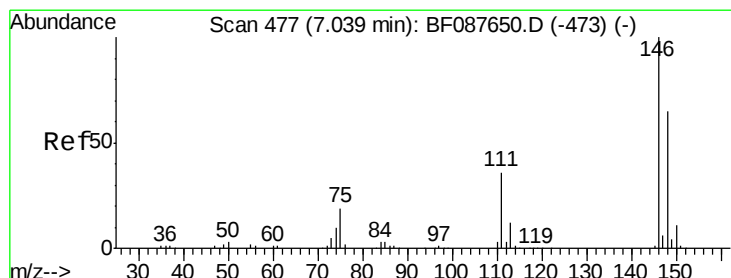
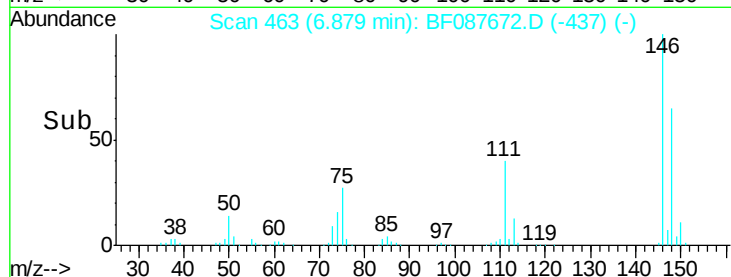
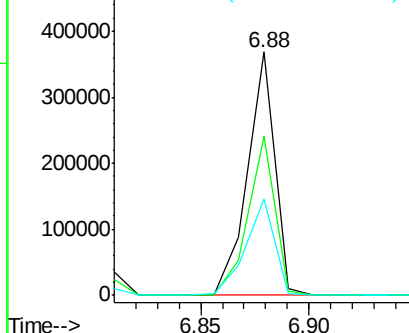
#13
 1,4-Dichlorobenzene
 Concen: 36.16 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:146 Resp: 319814
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.0 78.0
 111 39.5 33.8 50.8

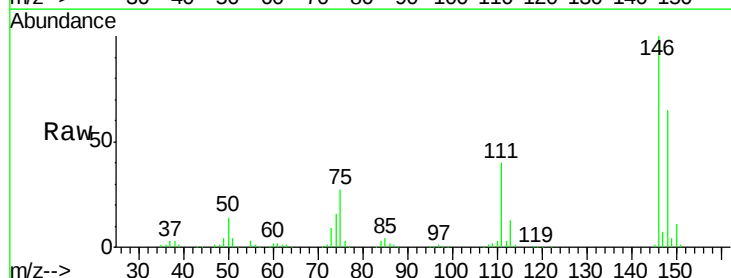


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

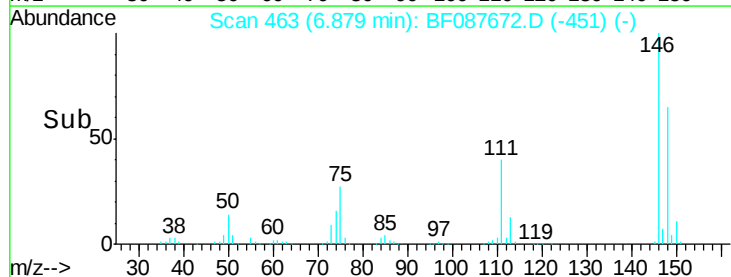
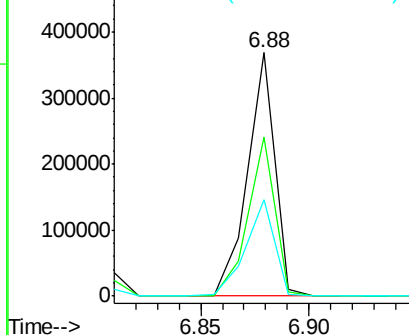


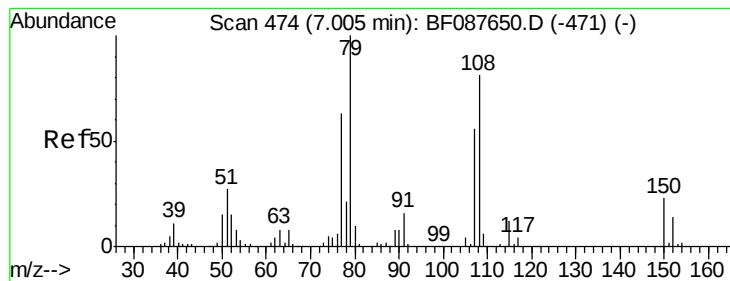
#14
 1,2-Dichlorobenzene
 Concen: 38.57 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:146 Resp: 319814
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.3 78.5
 111 39.5 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.54 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampled :

PB91062BS

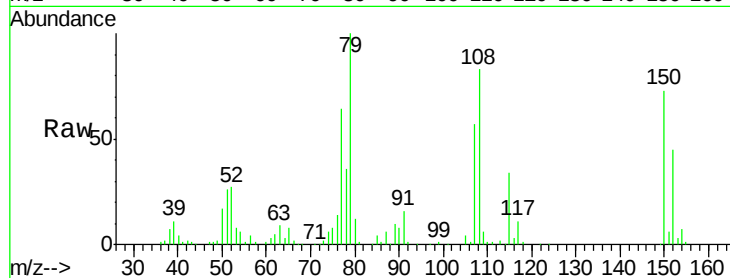
Tgt Ion: 79 Resp: 228959

Ion Ratio Lower Upper

79 100

108 83.4 65.0 97.6

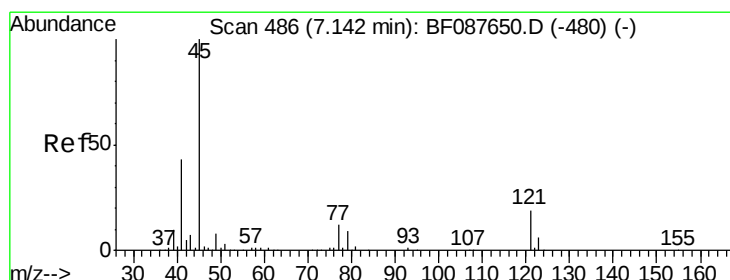
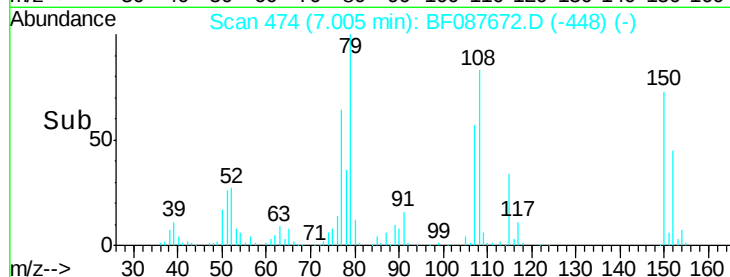
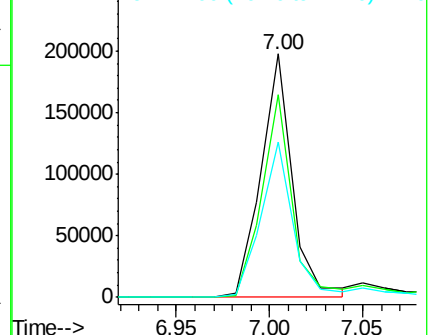
77 63.7 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.19 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

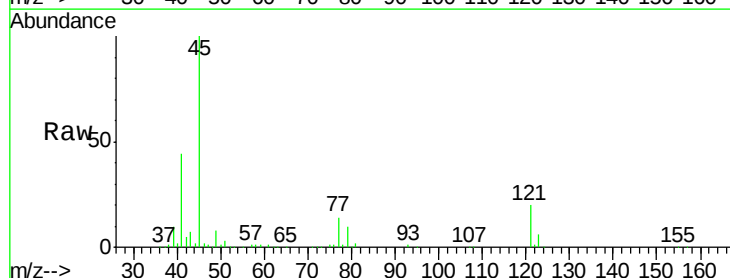
Tgt Ion: 45 Resp: 380971

Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.5

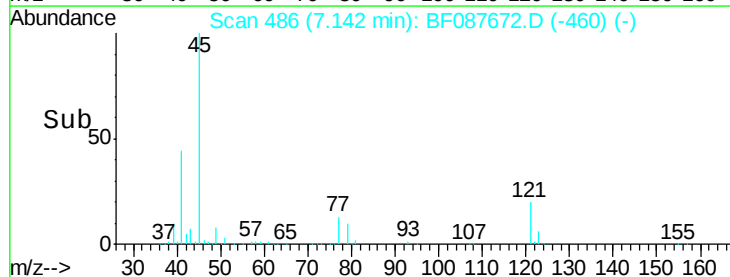
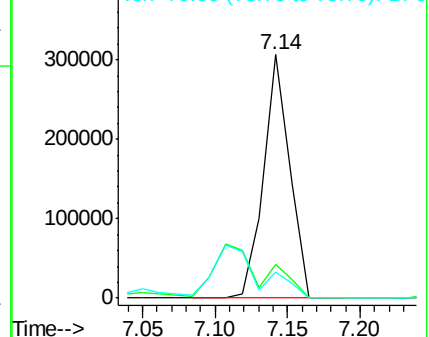
79 10.5 0.0 29.5

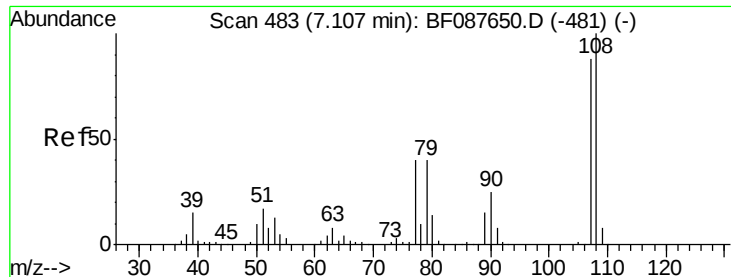


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

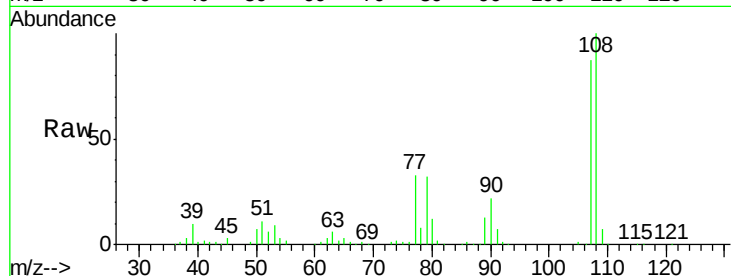




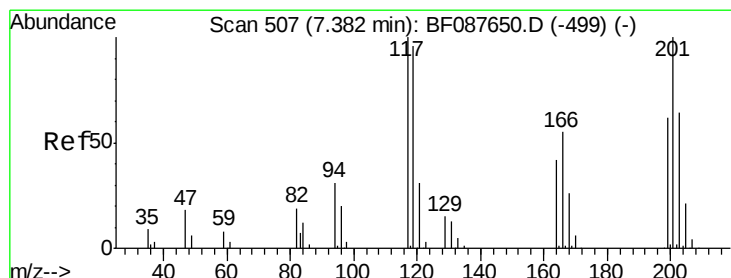
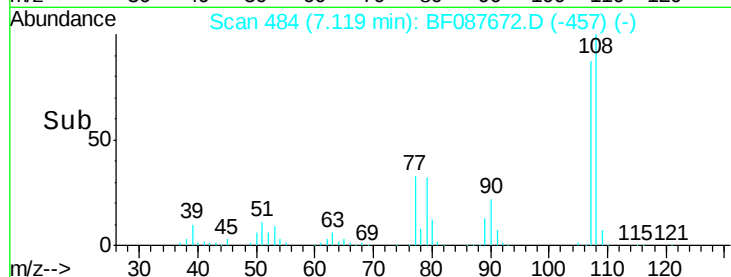
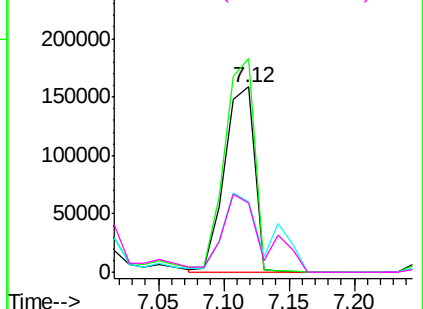
#17
2-Methylphenol
Concen: 38.28 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:107 Resp: 253040
Ion Ratio Lower Upper
107 100
108 115.3 90.9 136.3
77 38.0 36.6 55.0
79 37.4 36.5 54.7

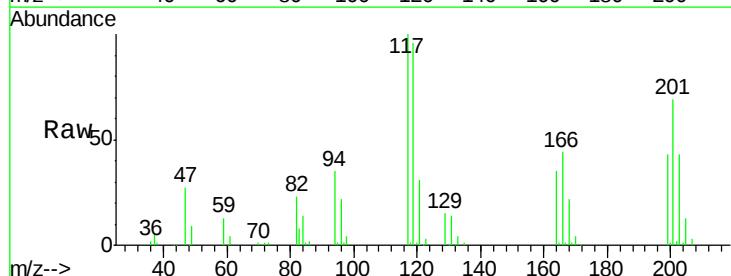


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

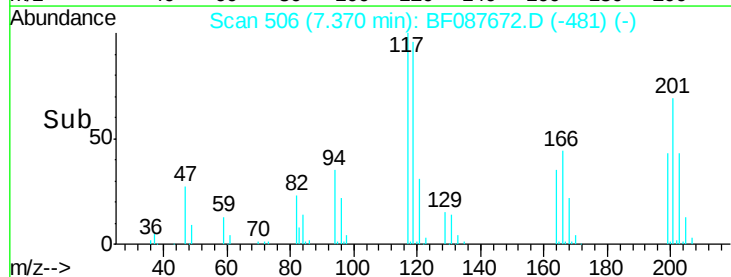
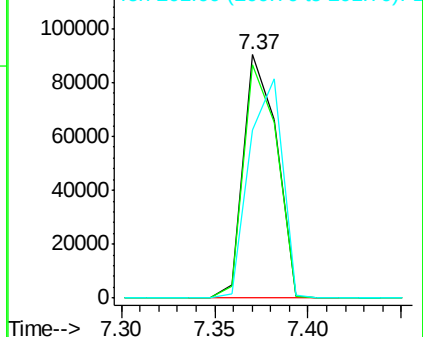


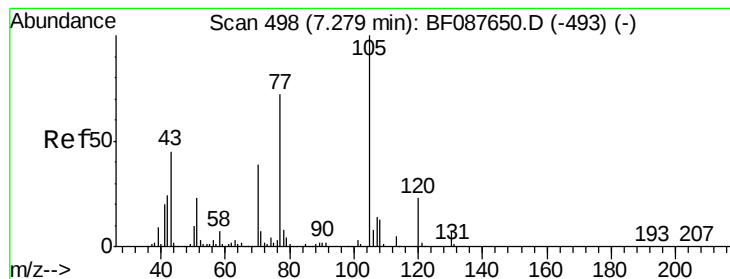
#18
Hexachloroethane
Concen: 35.81 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:117 Resp: 110774
Ion Ratio Lower Upper
117 100
119 95.6 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





#19

n-Nitroso-di-n-propylamine

Concen: 36.05 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

Tgt Ion: 70 Resp: 202012

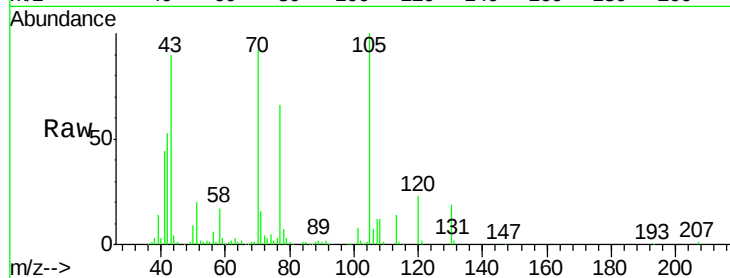
Ion Ratio Lower Upper

70 100

42 57.8 49.6 74.4

101 9.1 7.1 10.7

130 20.7 15.4 23.2

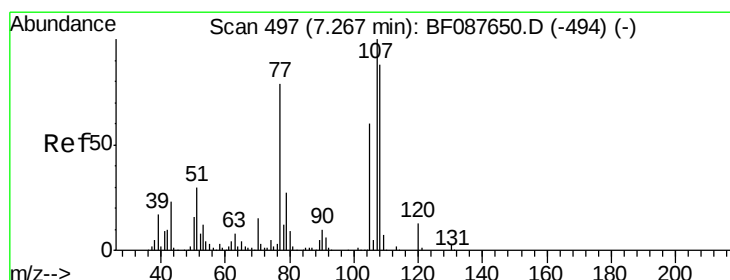
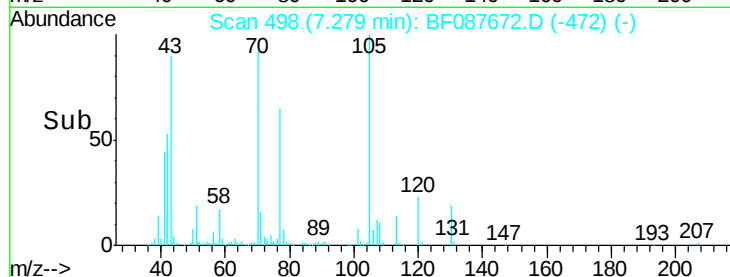
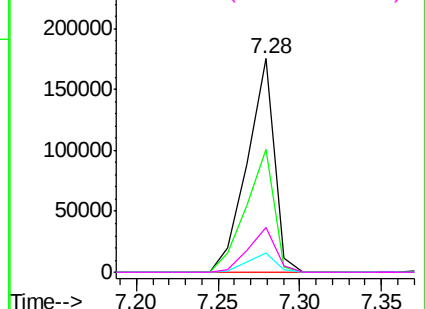


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.90 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:107 Resp: 298898

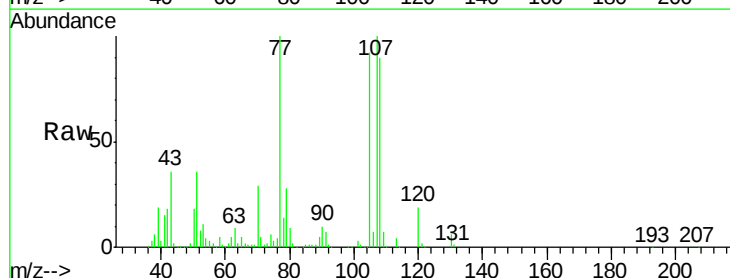
Ion Ratio Lower Upper

107 100

108 90.4 67.8 107.8

77 99.8 59.3 99.3#

79 28.4 7.0 47.0

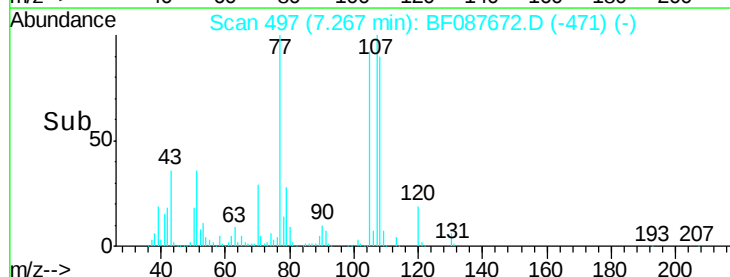
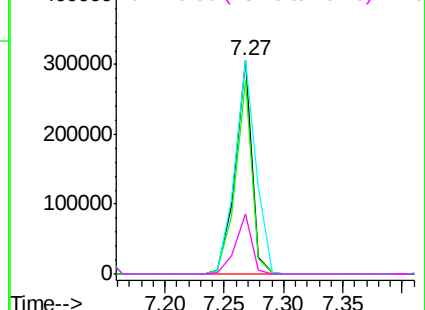


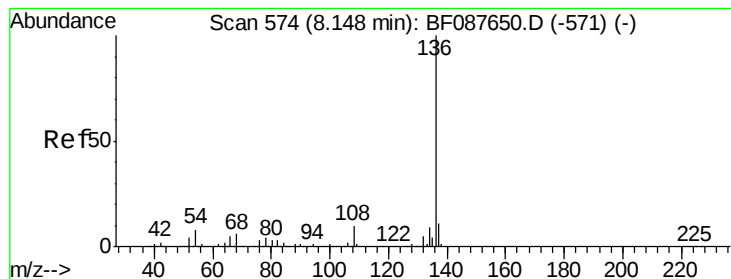
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

Tgt Ion:136 Resp: 489483

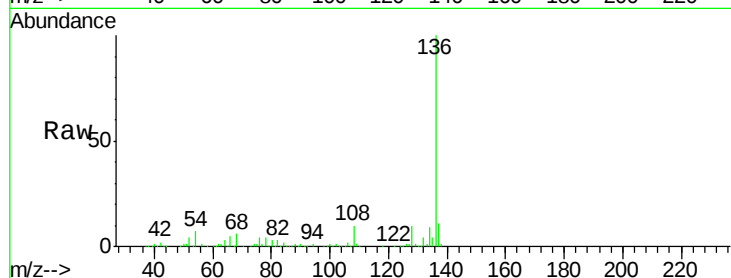
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 6.6 10.0

68 5.7 5.1 7.7

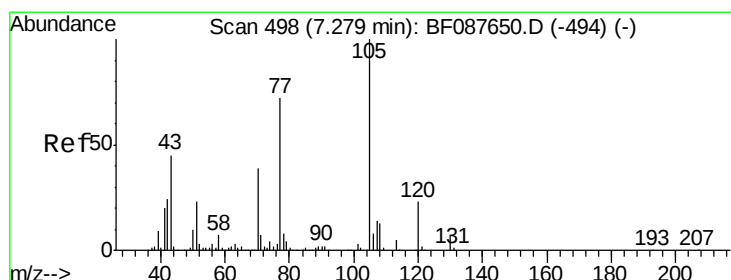
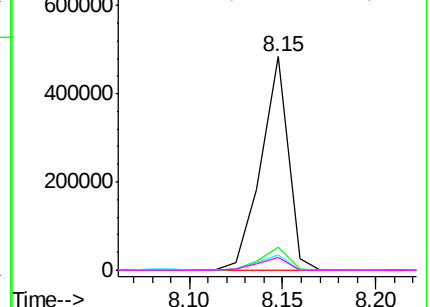
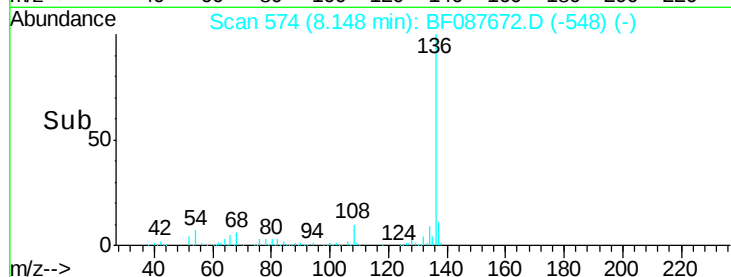


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.90 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:105 Resp: 386977

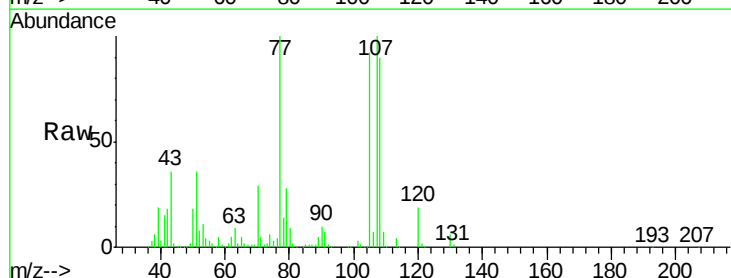
Ion Ratio Lower Upper

105 100

71 5.4 5.3 7.9

51 39.5 18.2 27.4#

120 21.1 18.0 27.0

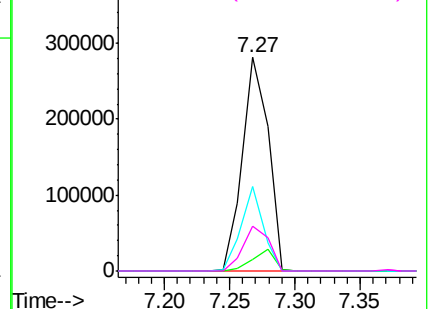
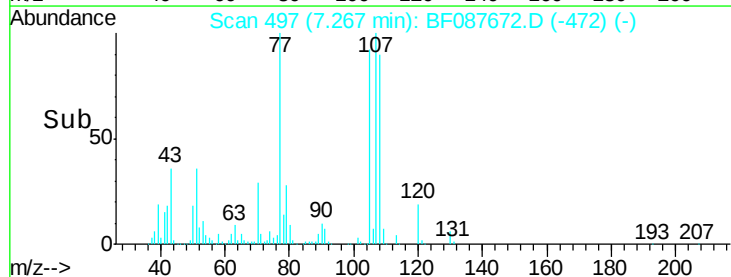


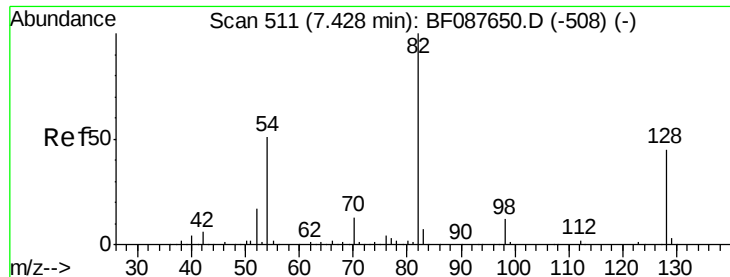
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 75.13 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

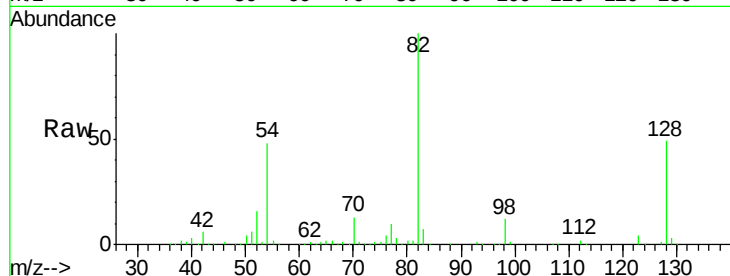
Tgt Ion: 82 Resp: 635630

Ion Ratio Lower Upper

82 100

128 49.3 35.9 53.9

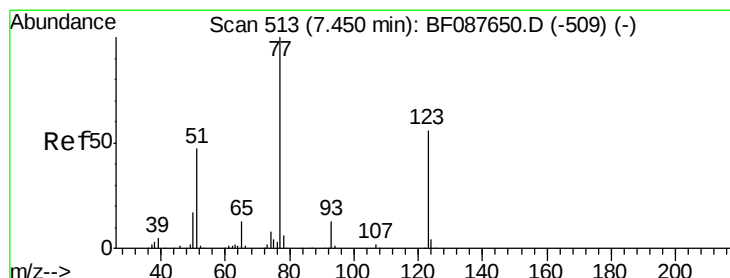
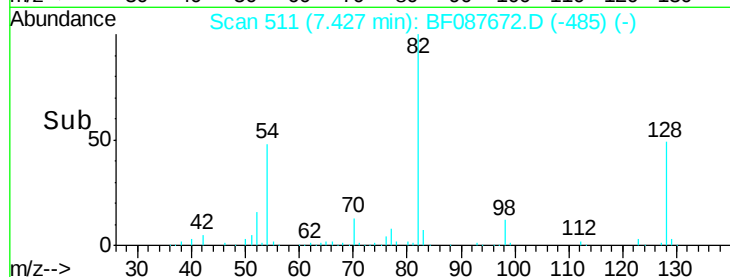
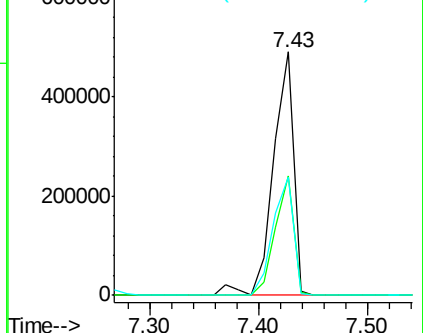
54 48.4 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.82 ng

RT: 7.44 min Scan# 512

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

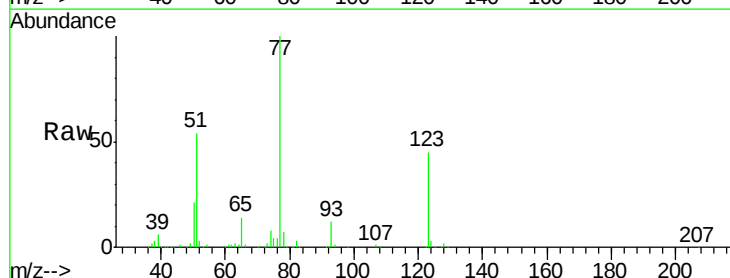
Tgt Ion: 77 Resp: 277856

Ion Ratio Lower Upper

77 100

123 45.2 45.0 67.4

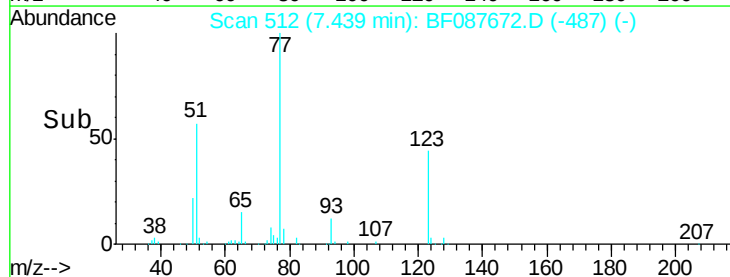
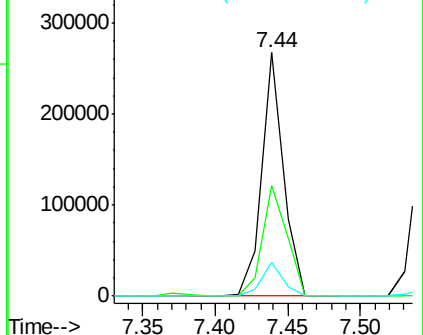
65 13.6 10.2 15.2

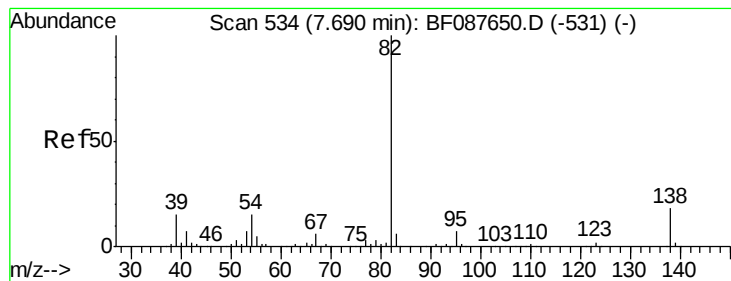


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 35.82 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

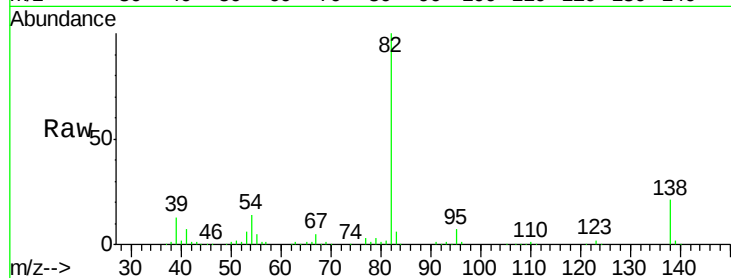
Tgt Ion: 82 Resp: 551777

Ion Ratio Lower Upper

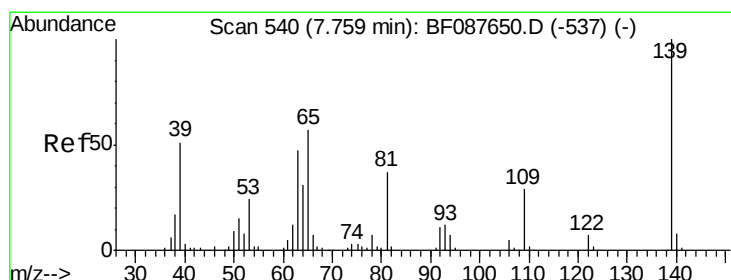
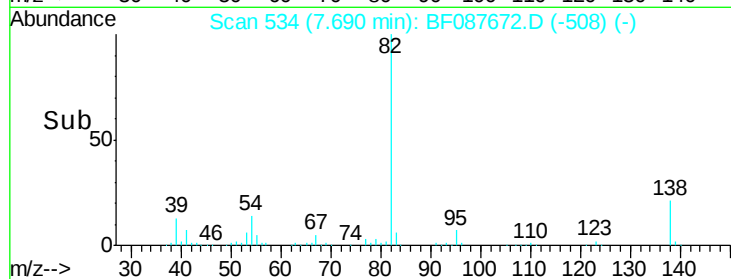
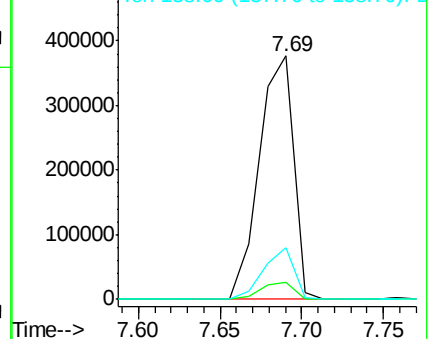
82 100

95 7.1 5.4 8.2

138 21.3 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: 37.49 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

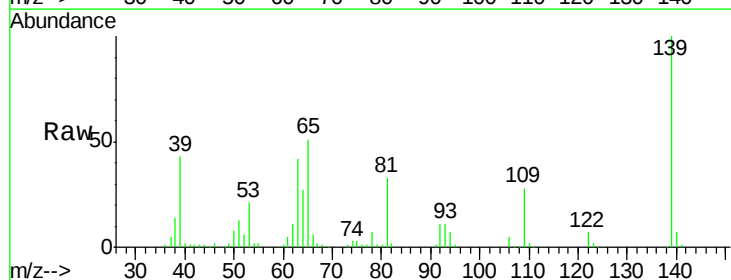
Tgt Ion: 139 Resp: 147485

Ion Ratio Lower Upper

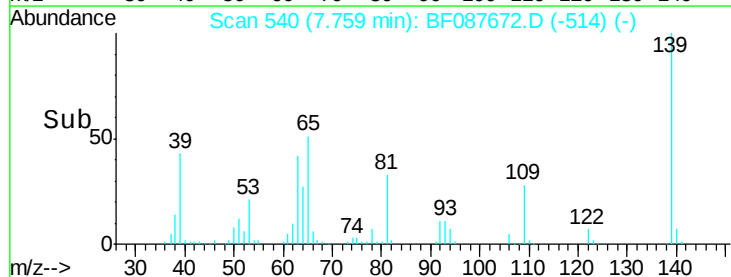
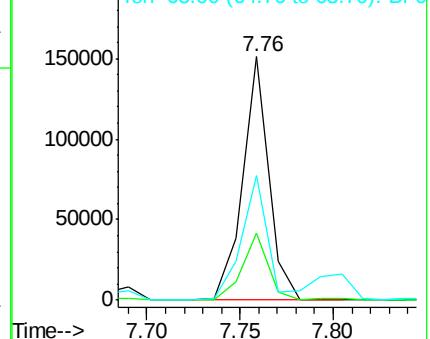
139 100

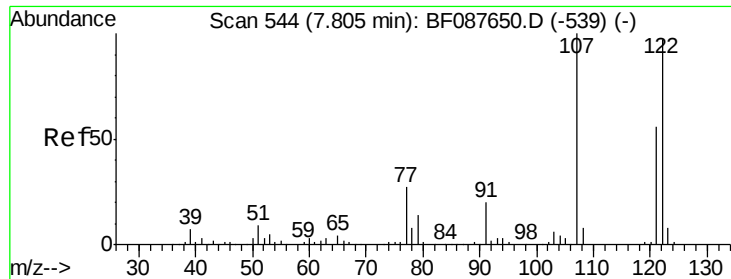
109 27.5 23.0 34.4

65 51.0 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

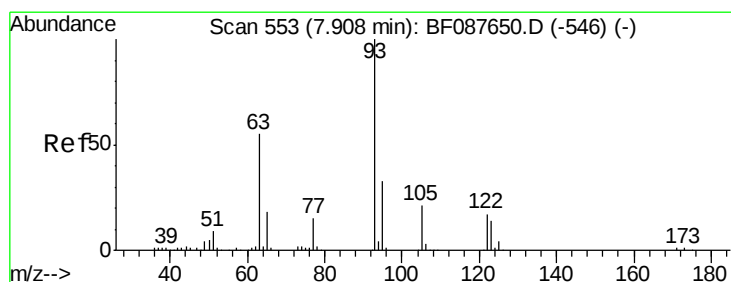
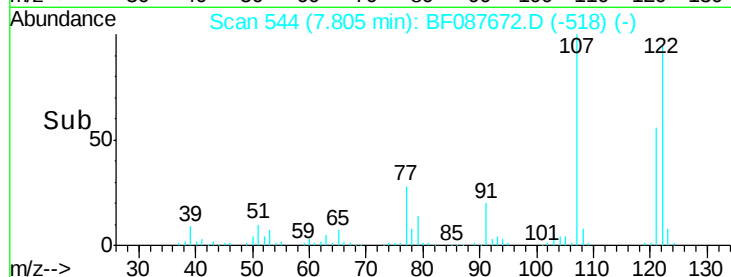
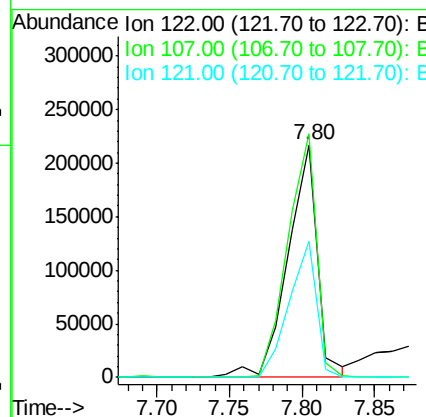
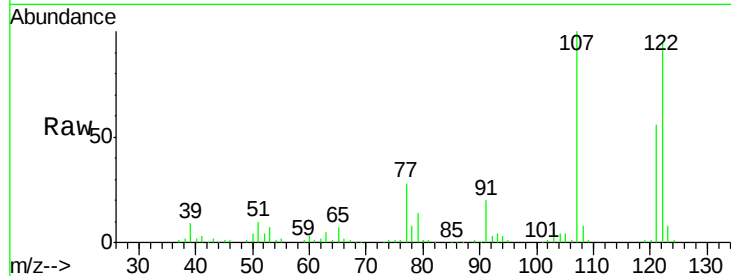




#27
2,4-Dimethylphenol
Concen: 37.43 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

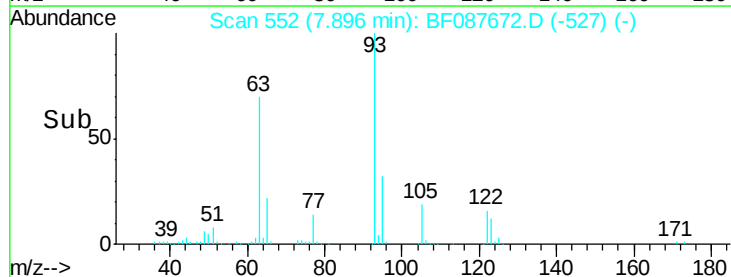
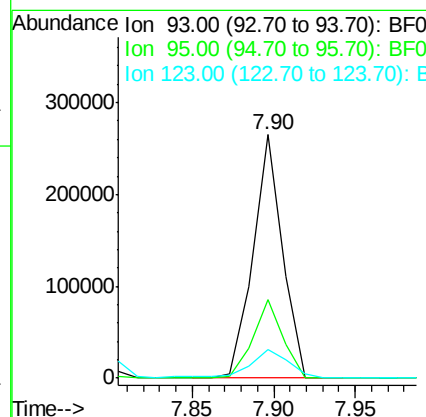
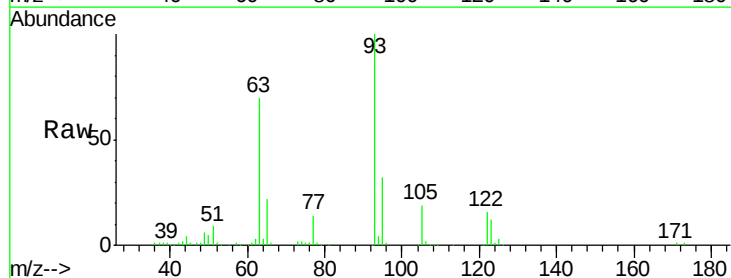
Instrument :
BNA_F
ClientSampleId :
PB91062BS

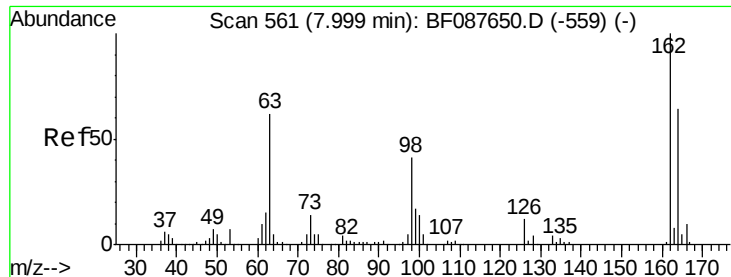
Tgt Ion: 122 Resp: 305155
Ion Ratio Lower Upper
122 100
107 104.9 82.4 123.6
121 58.5 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 33.72 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion: 93 Resp: 329414
Ion Ratio Lower Upper
93 100
95 32.2 26.5 39.7
123 11.9 11.6 17.4

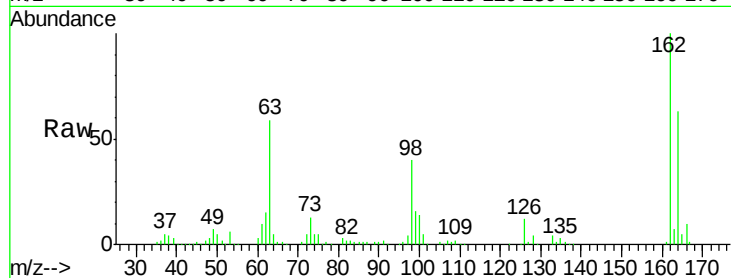




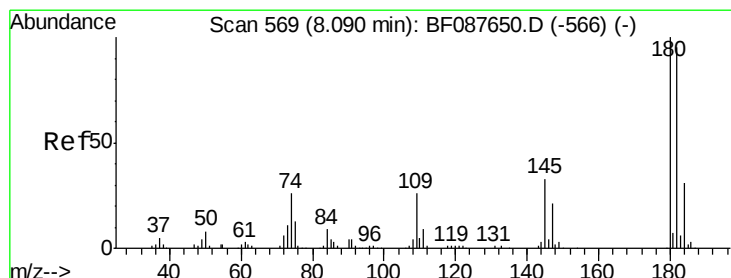
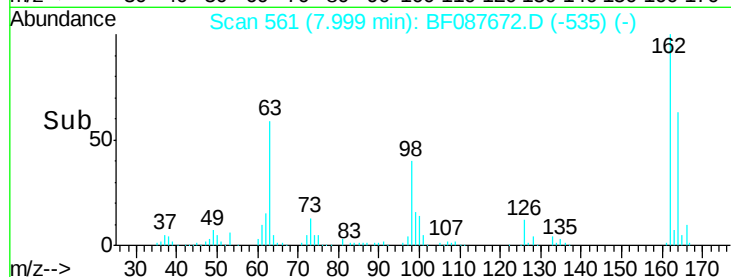
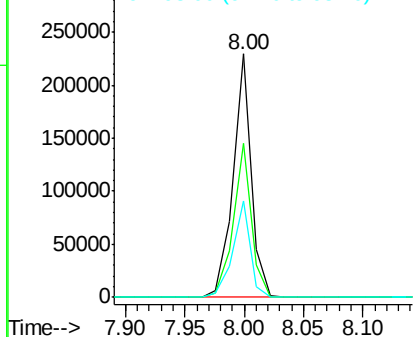
#29
2,4-Dichlorophenol
Concen: 36.36 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:162 Resp: 243486
Ion Ratio Lower Upper
162 100
164 63.0 43.8 83.8
98 39.8 21.3 61.3

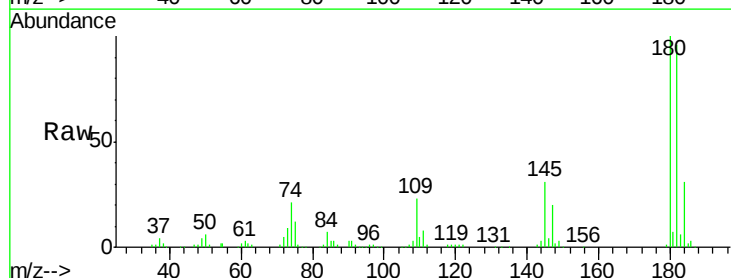


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

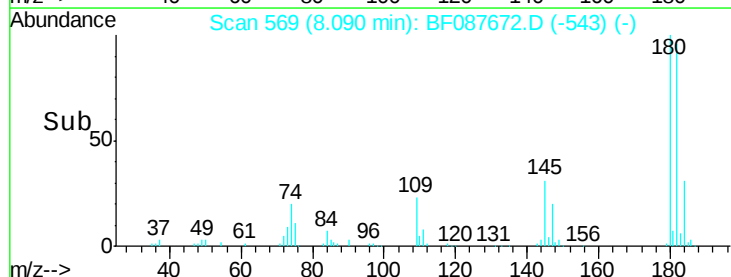
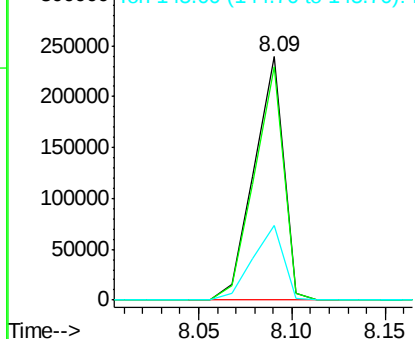


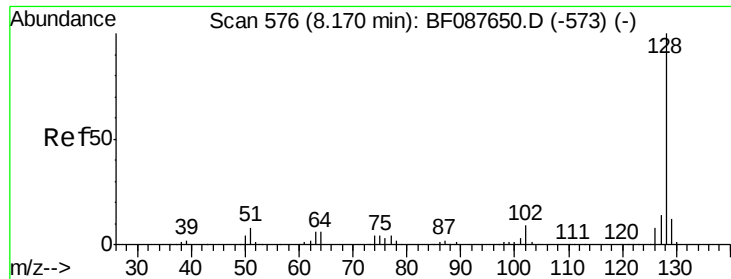
#30
1,2,4-Trichlorobenzene
Concen: 37.46 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:180 Resp: 262665
Ion Ratio Lower Upper
180 100
182 96.1 76.0 114.0
145 30.8 26.5 39.7



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

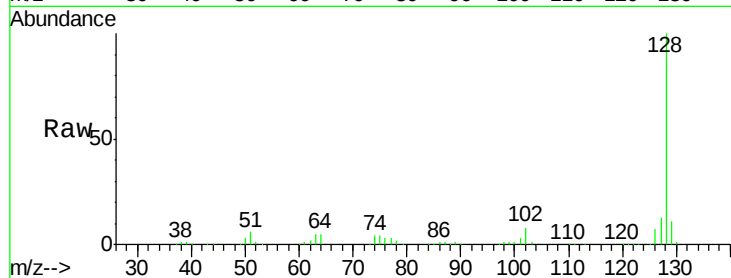




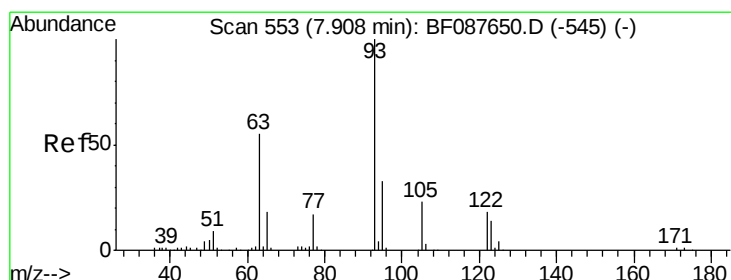
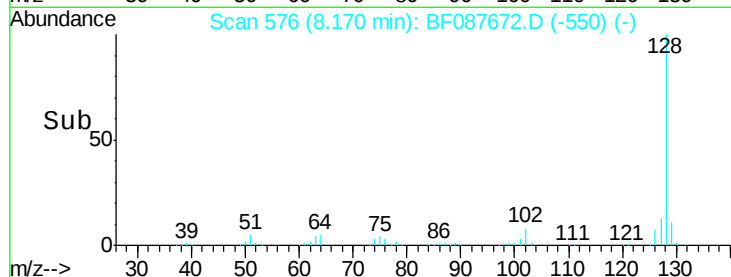
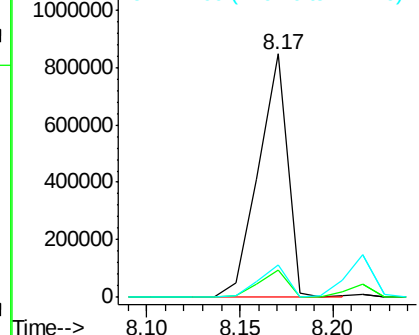
#31
Naphthalene
Concen: 38.28 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampled :
PB91062BS

Tgt Ion:128 Resp: 910925
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.2 10.9 16.3

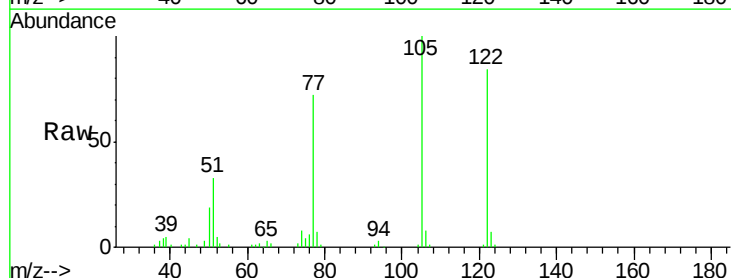


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

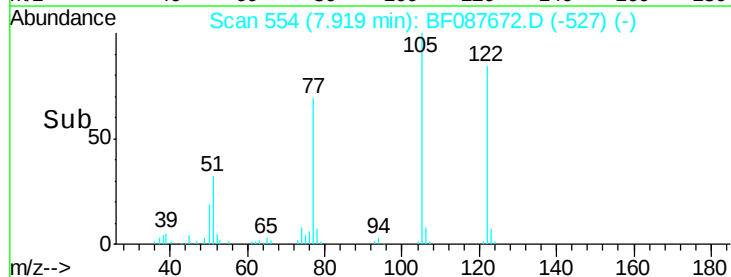
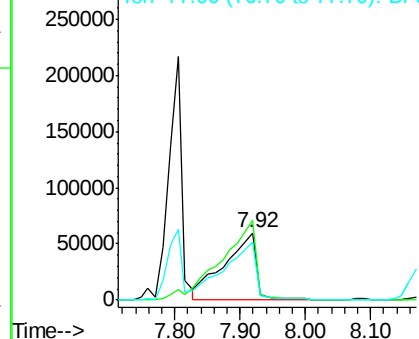


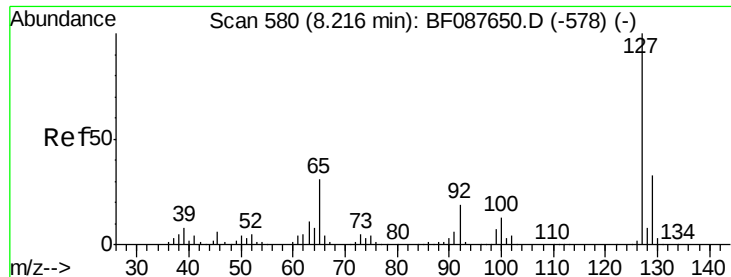
#32
Benzoic acid
Concen: 41.50 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:122 Resp: 204115
Ion Ratio Lower Upper
122 100
105 119.6 101.6 141.6
77 86.0 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

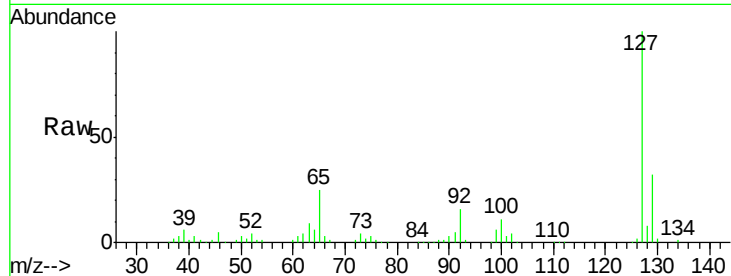




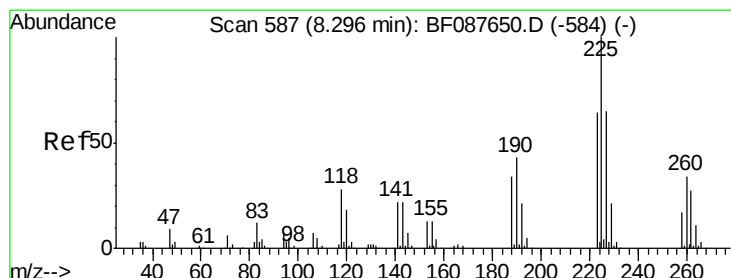
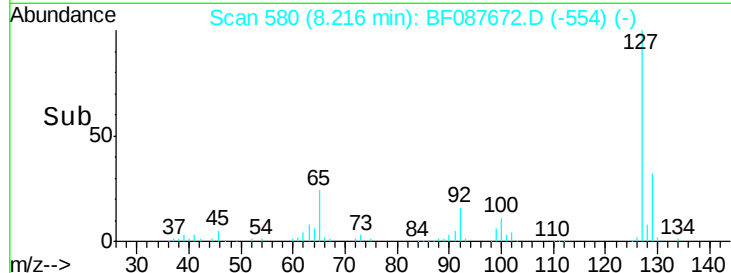
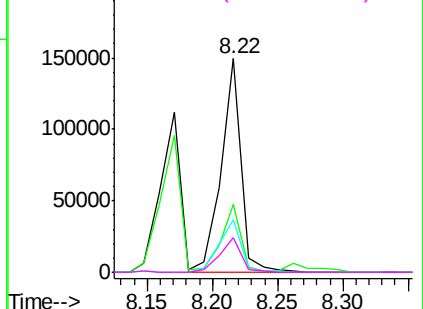
#33
4-Chloroaniline
Concen: 15.38 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:	127	Resp:	159000
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	24.9	24.7	37.1
92	16.5	15.4	23.0

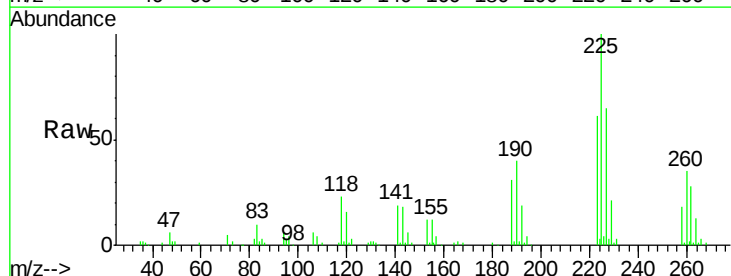


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

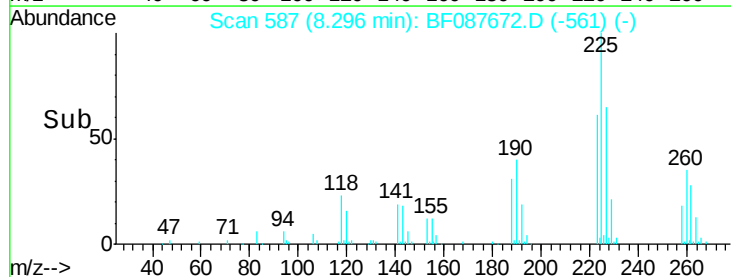
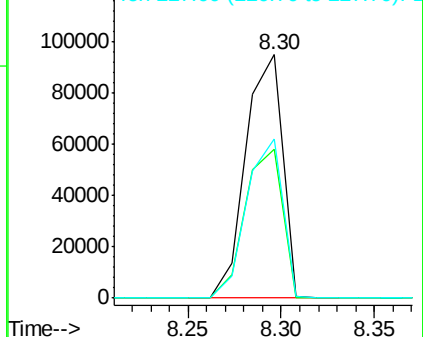


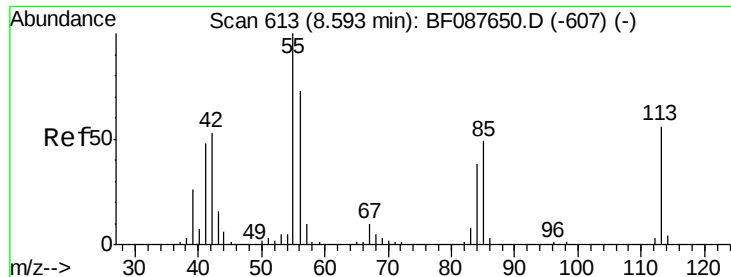
#34
Hexachlorobutadiene
Concen: 35.43 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:	225	Resp:	129156
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.9	76.3
227	65.1	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

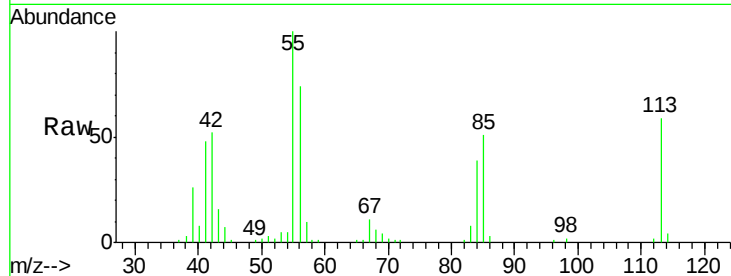




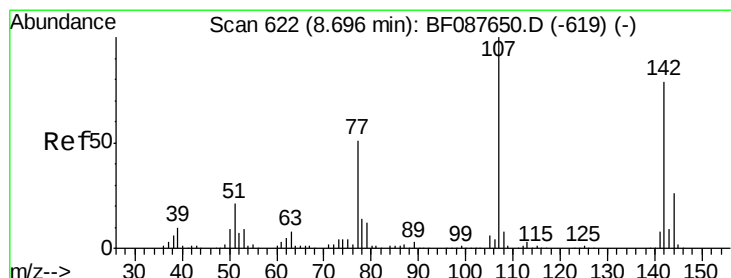
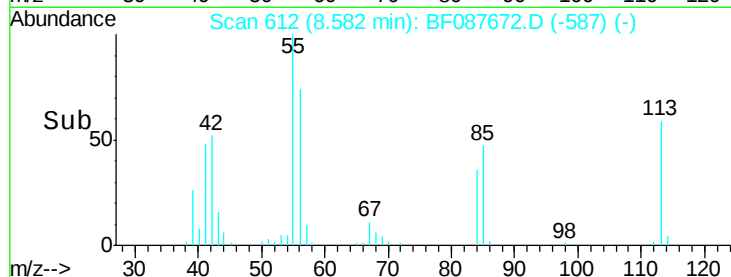
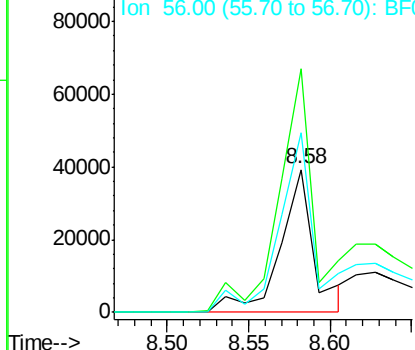
#35
 Caprolactam
 Concen: 25.49 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:113 Resp: 56079
 Ion Ratio Lower Upper
 113 100
 55 170.8 158.6 198.6
 56 125.7 110.6 150.6

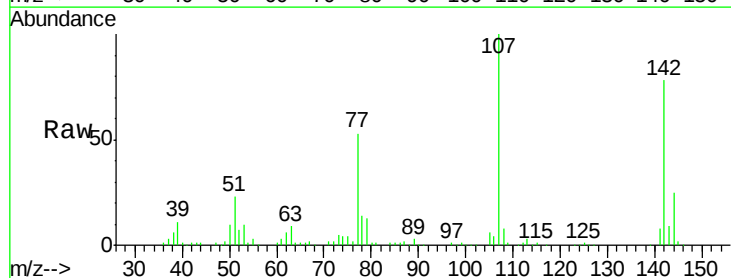


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

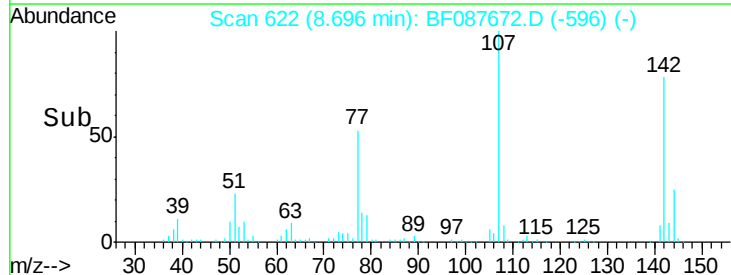
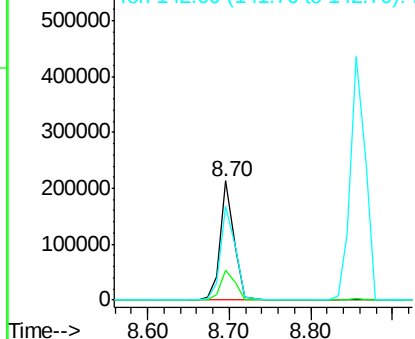


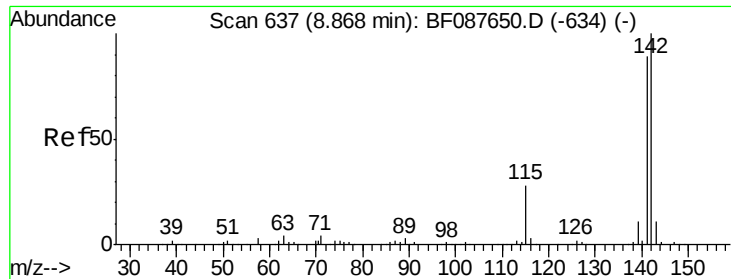
#36
 4-Chloro-3-methylphenol
 Concen: 35.89 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:107 Resp: 248617
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.8 31.2
 142 78.4 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

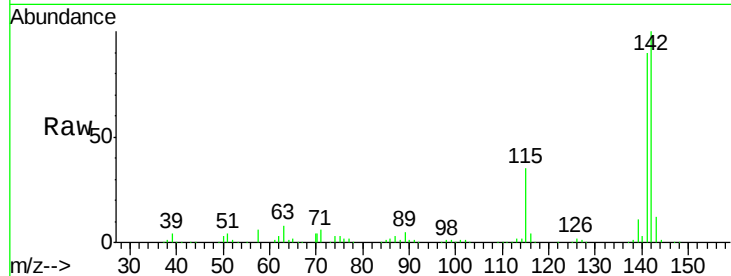




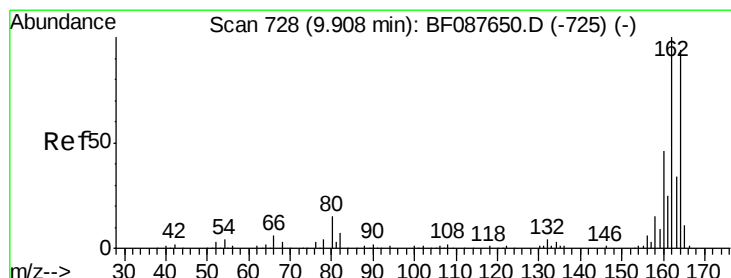
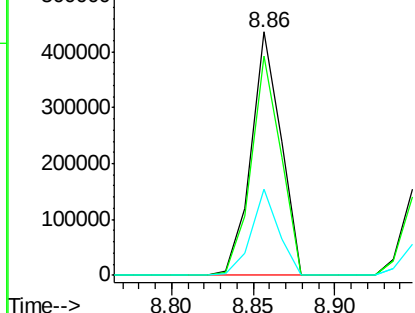
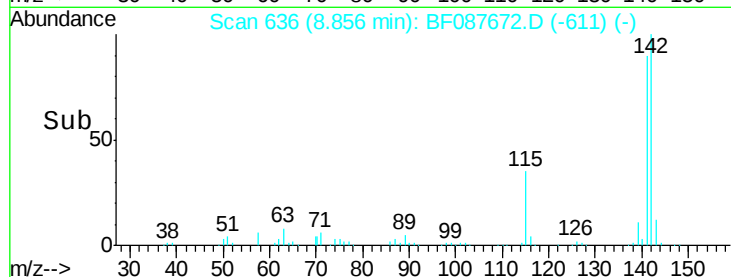
#37
 2-Methylnaphthalene
 Concen: 35.00 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.0	106.6
115	35.2	22.6	33.8#

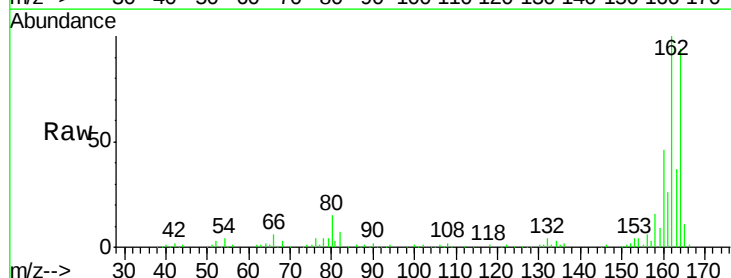


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

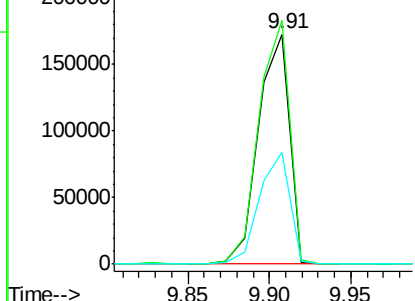
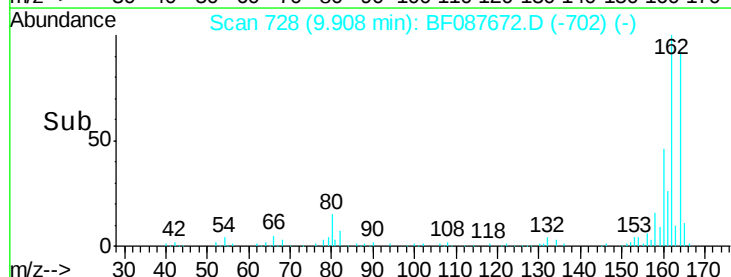


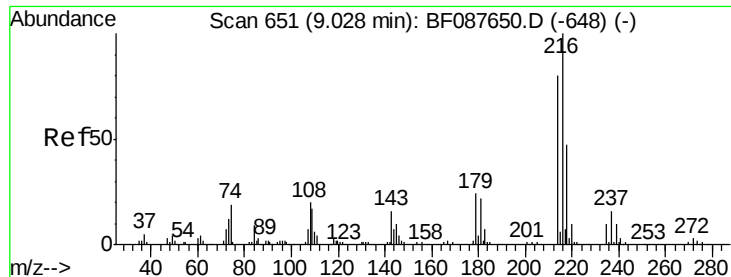
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	48.9	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: 37.78 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

Tgt Ion:216 Resp: 237403

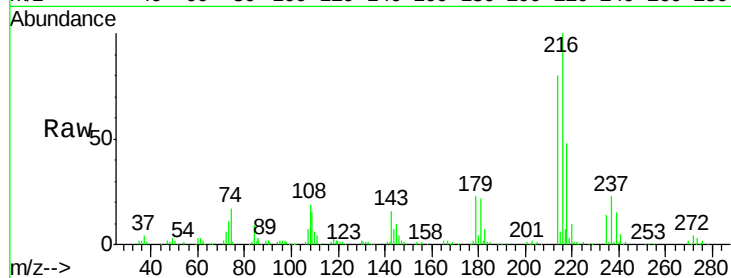
Ion Ratio Lower Upper

216 100

214 79.5 2.9 4.3#

179 23.1 0.0 0.0#

108 24.0 0.5 0.7#

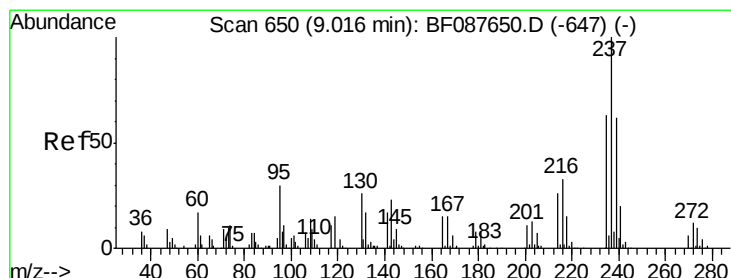
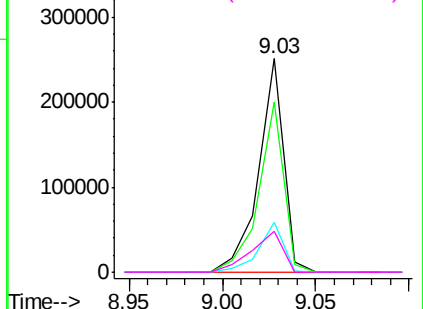
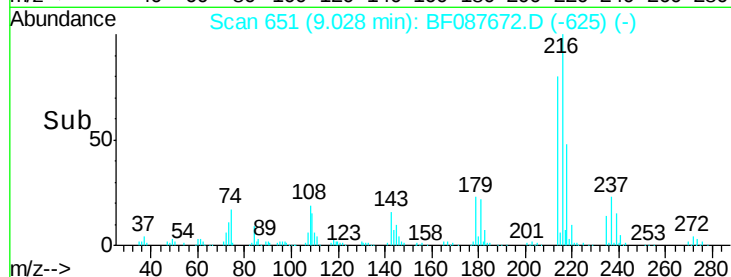


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.80 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

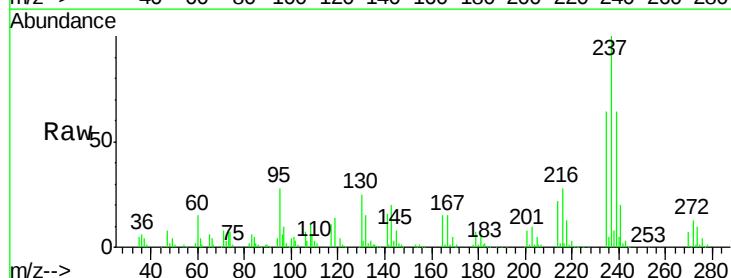
Tgt Ion:237 Resp: 257996

Ion Ratio Lower Upper

237 100

235 63.5 43.4 83.4

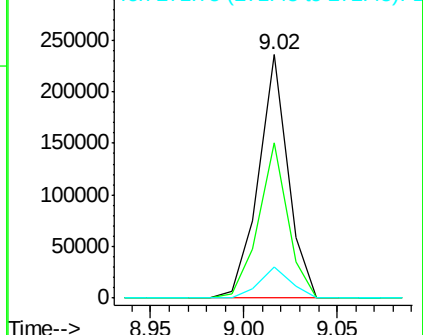
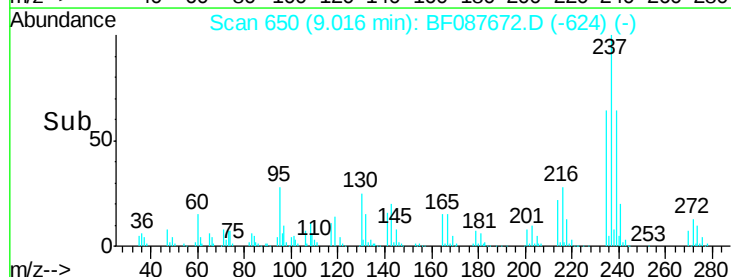
272 12.5 0.0 32.3

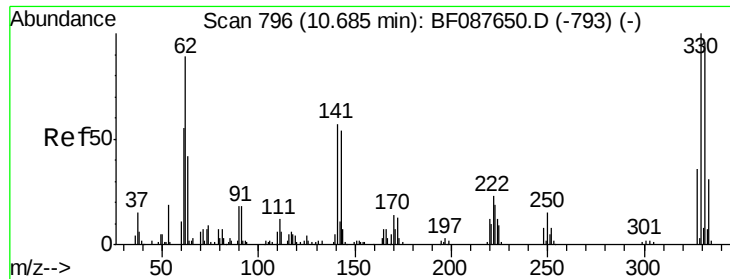


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

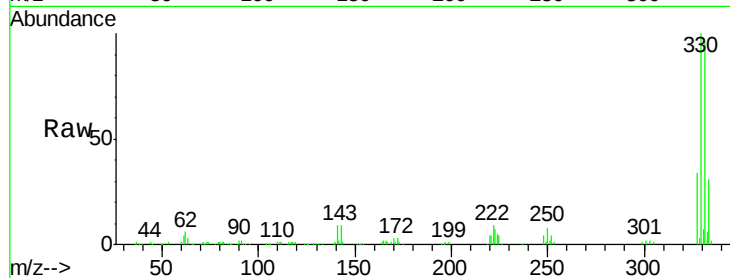




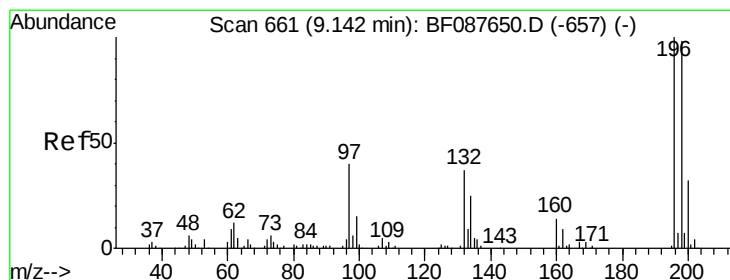
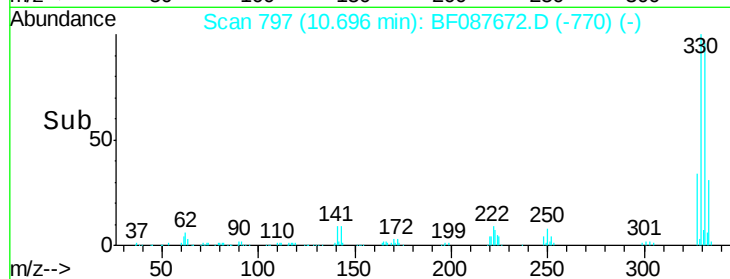
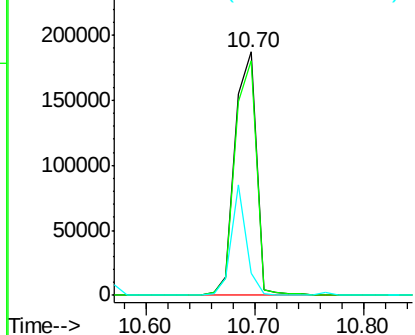
#41
 2,4,6-Tribromophenol
 Concen: 110.39 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:330 Resp: 252656
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 32.5 0.0 0.0#

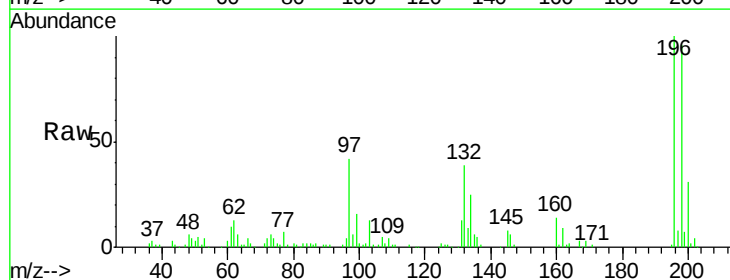


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

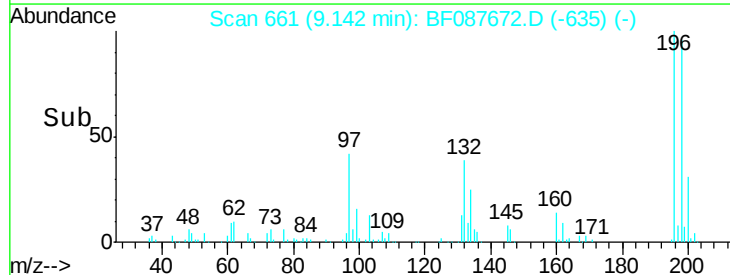
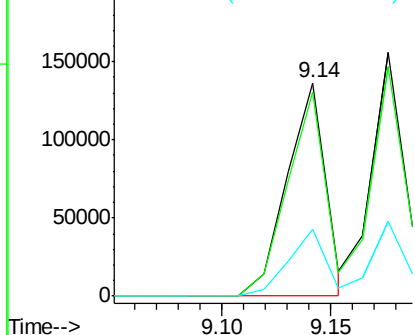


#42
 2,4,6-Trichlorophenol
 Concen: 35.61 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:196 Resp: 168989
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.0 117.0
 200 31.2 25.4 38.2



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

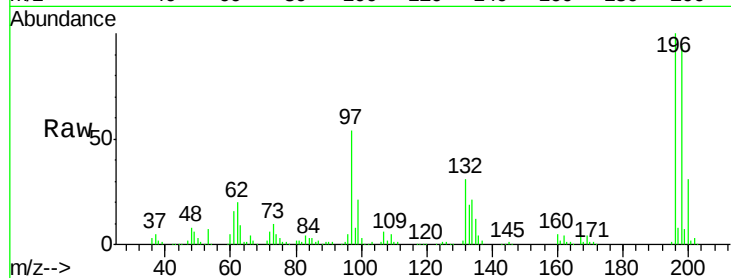




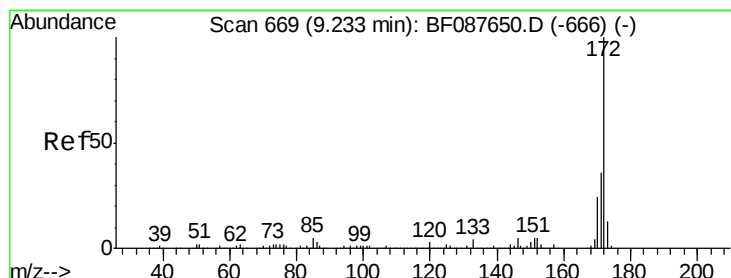
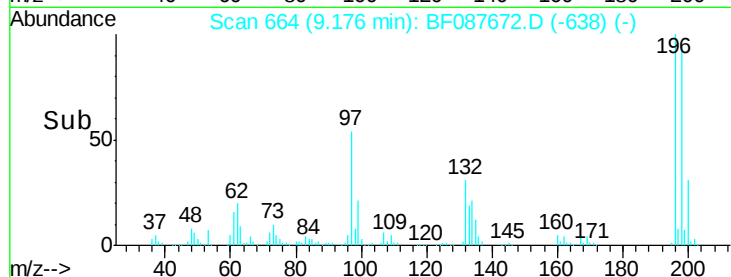
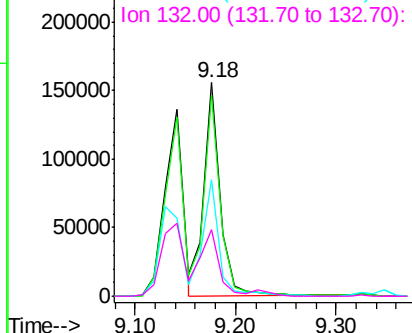
#43
 2,4,5-Trichlorophenol
 Concen: 39.75 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:196 Resp: 175539
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.5 116.3
 97 54.4 32.0 48.0#
 132 31.2 20.9 31.3

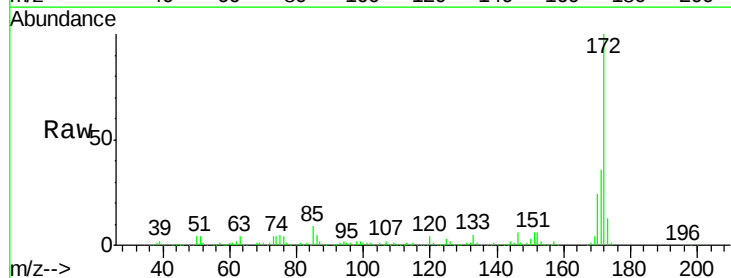


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

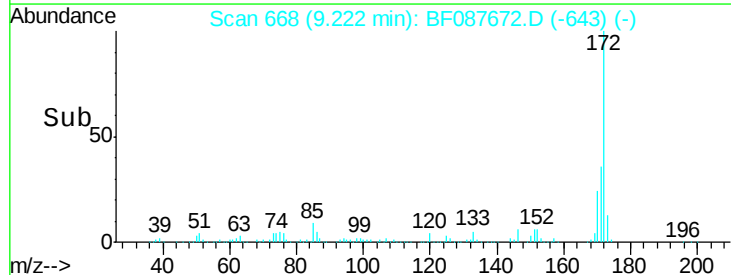
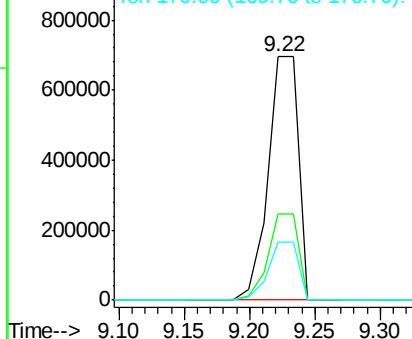


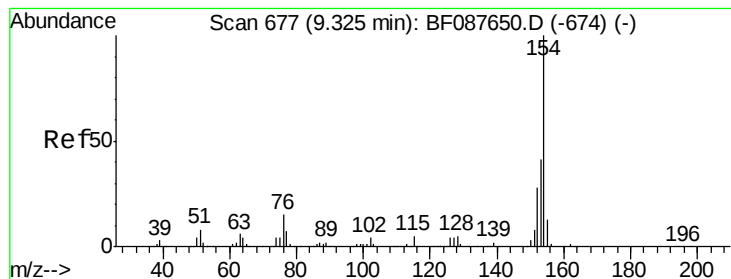
#44
 2-Fluorobiphenyl
 Concen: 72.33 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:172 Resp: 1126369
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.7 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: 34.87 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

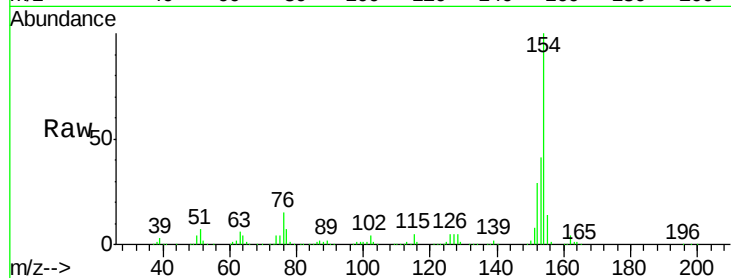
Tgt Ion:154 Resp: 645164

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

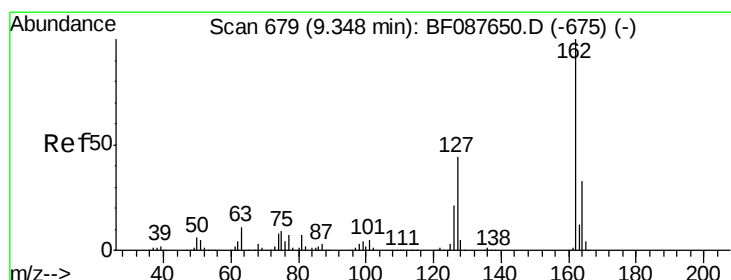
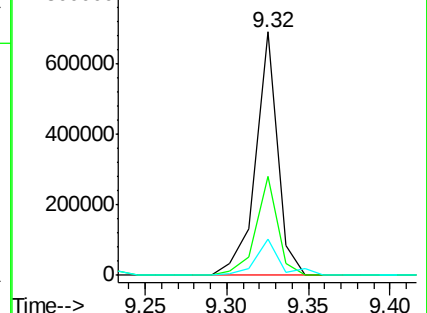
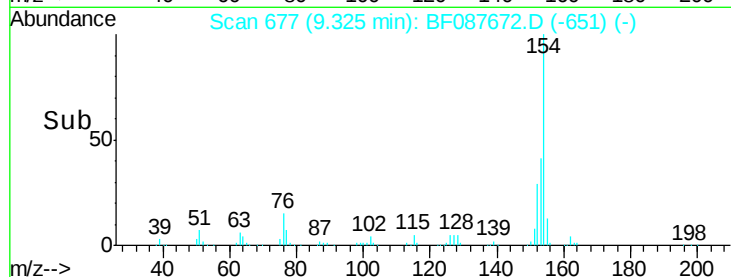
76 14.7 0.0 35.1



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: 34.89 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

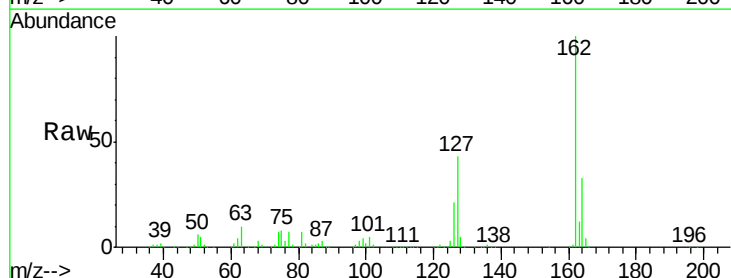
Tgt Ion:162 Resp: 513969

Ion Ratio Lower Upper

162 100

127 42.9 35.2 52.8

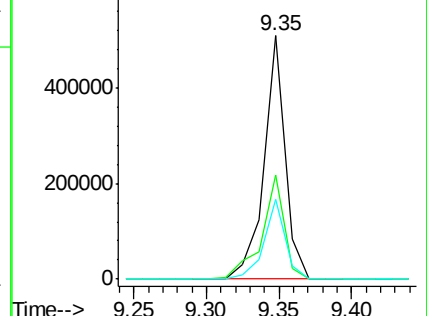
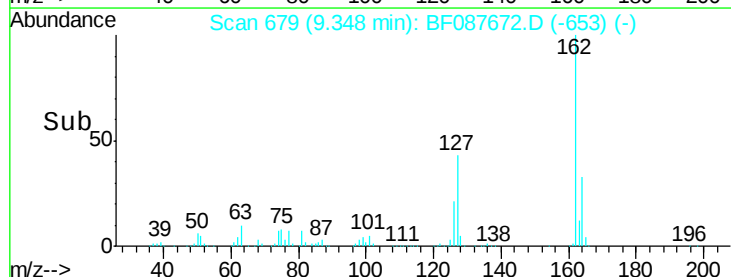
164 32.8 26.6 39.8

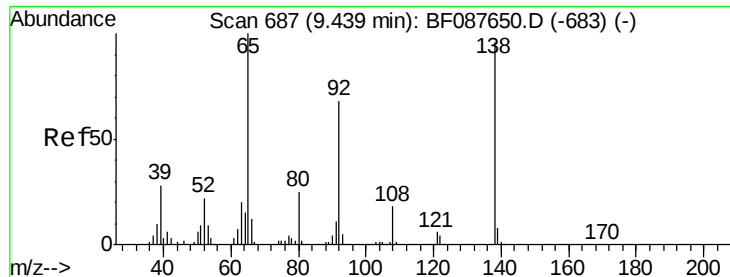


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

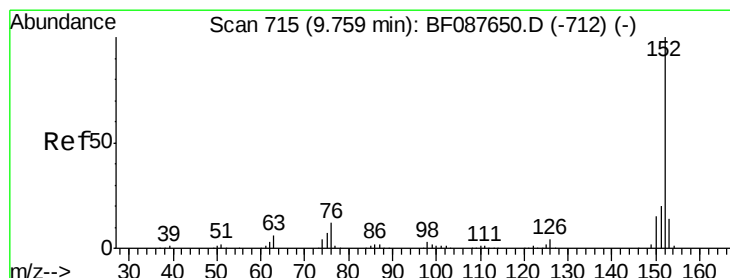
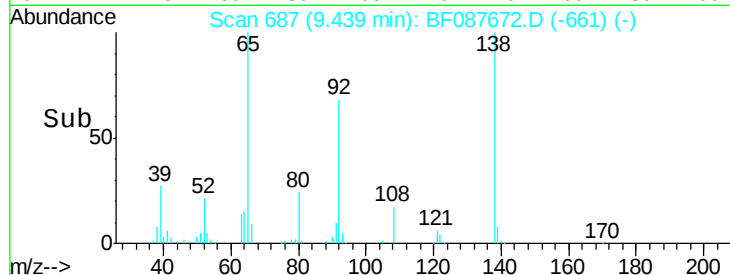
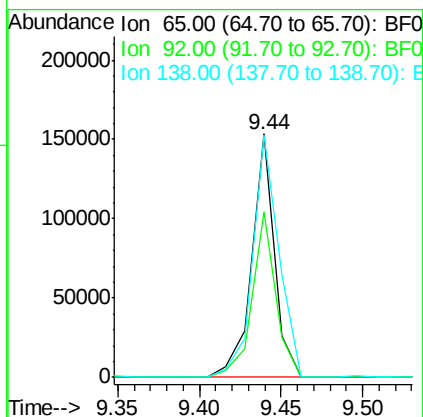
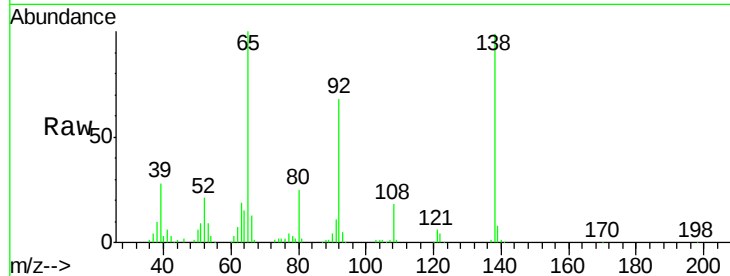




#47
2-Nitroaniline
Concen: 35.76 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

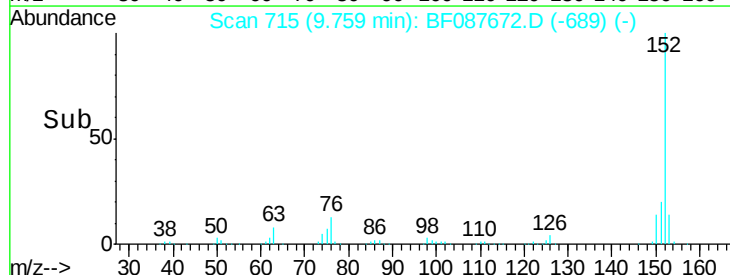
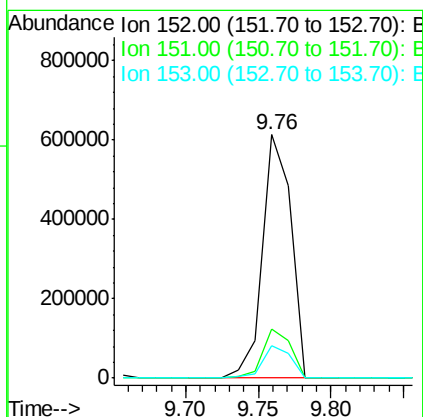
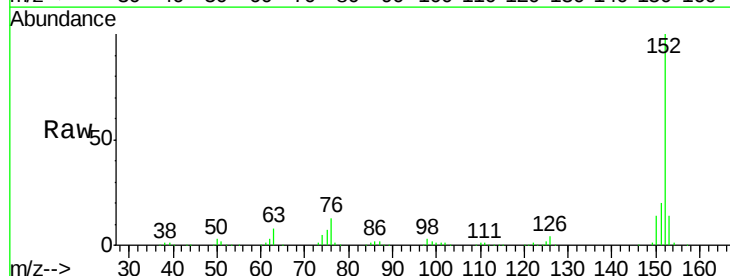
Instrument :
BNA_F
ClientSampleId :
PB91062BS

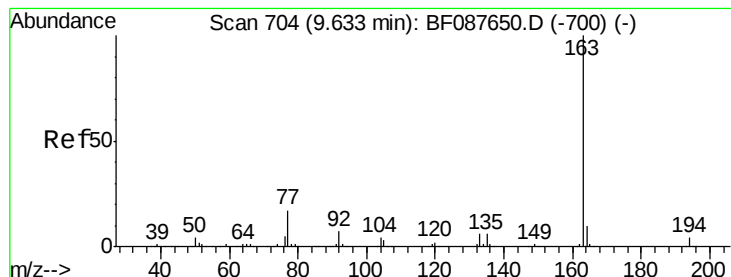
Tgt Ion: 65 Resp: 148297
Ion Ratio Lower Upper
65 100
92 68.1 54.6 82.0
138 99.5 77.0 115.4



#48
Acenaphthylene
Concen: 36.33 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion: 152 Resp: 834535
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.5 11.0 16.6





#49

Dimethylphthalate

Concen: 39.82 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

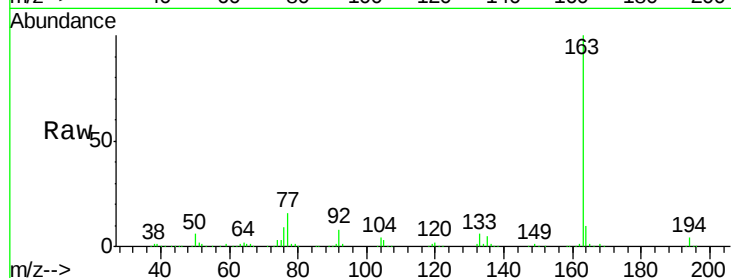
Tgt Ion:163 Resp: 659972

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

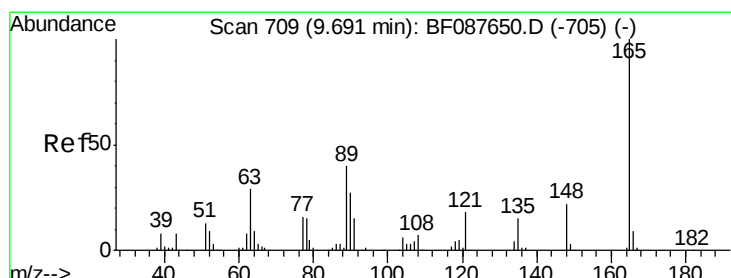
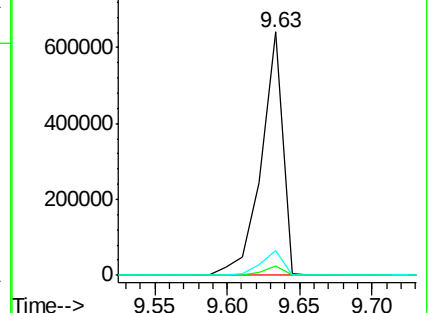
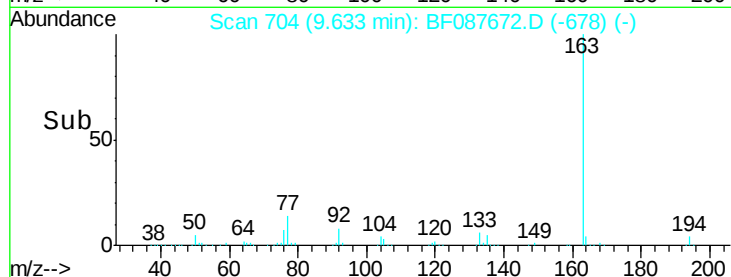
164 10.0 8.3 12.5



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: 40.79 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

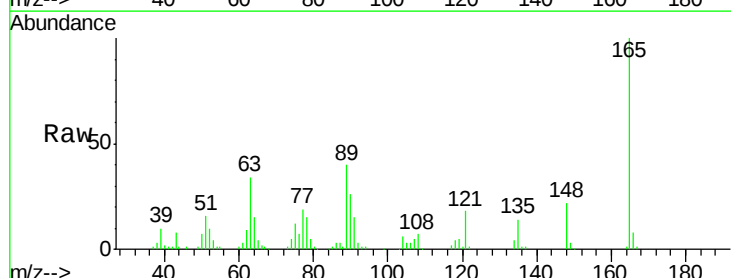
Tgt Ion:165 Resp: 153843

Ion Ratio Lower Upper

165 100

63 34.1 28.1 42.1

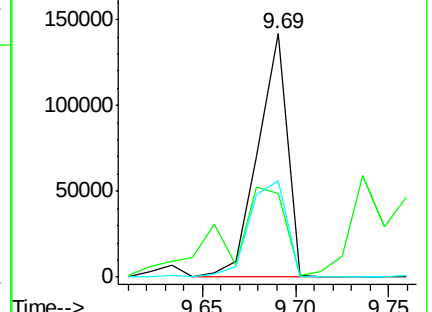
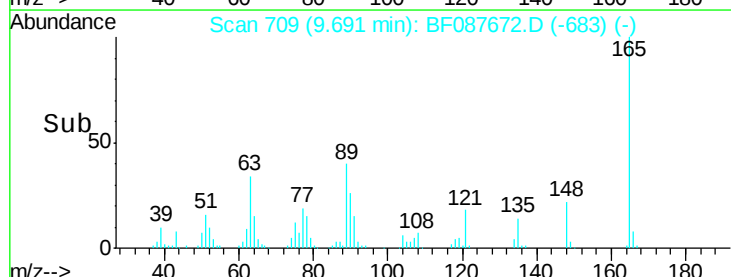
89 39.6 32.2 48.2

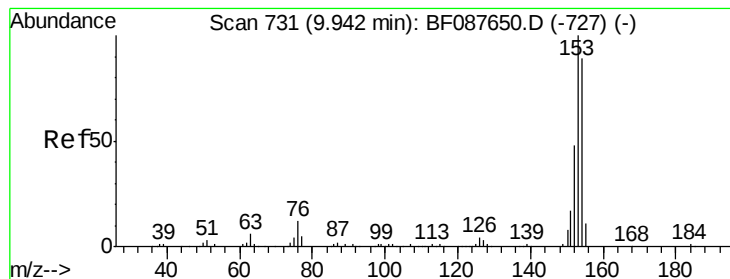


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.30 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

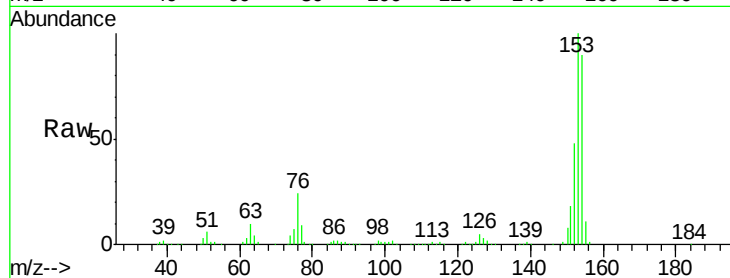
Tgt Ion:154 Resp: 566076

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

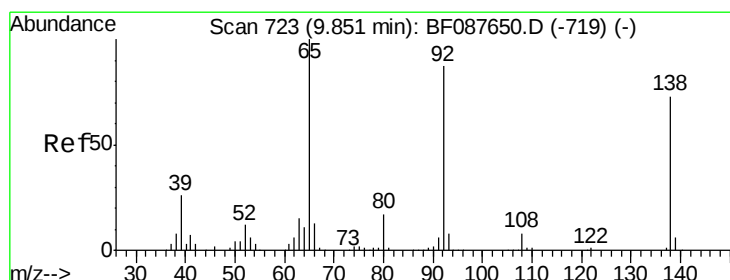
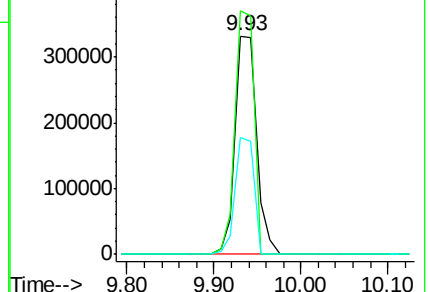
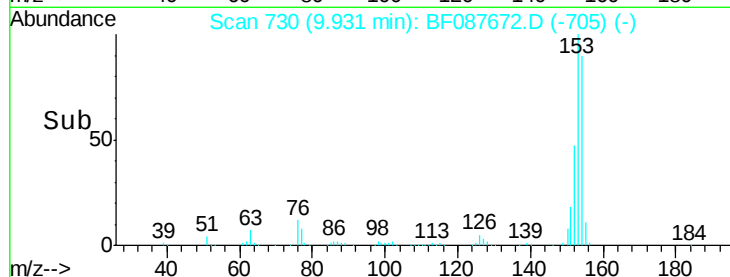
152 53.3 42.7 64.1



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: 22.31 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

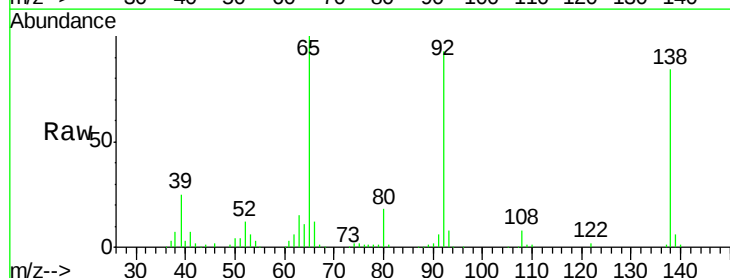
Tgt Ion:138 Resp: 96225

Ion Ratio Lower Upper

138 100

108 9.9 8.5 12.7

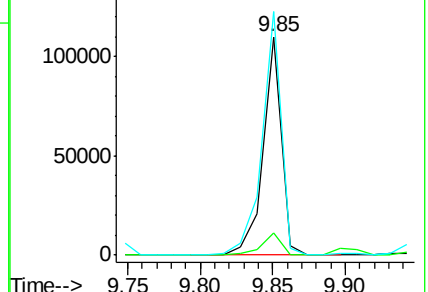
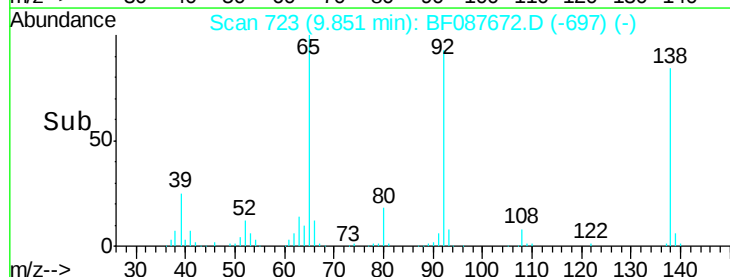
92 111.7 95.7 143.5

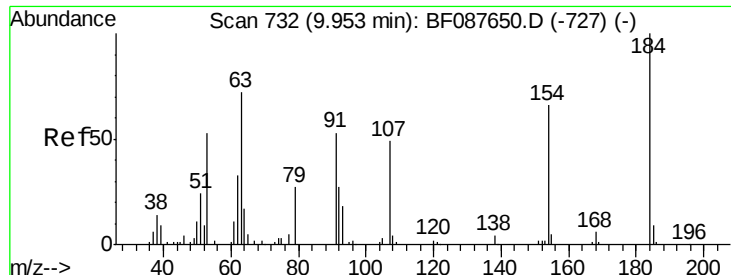


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

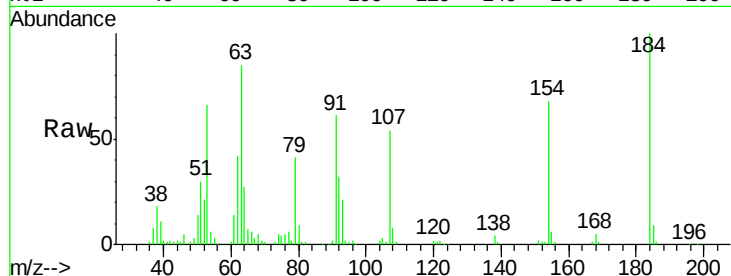




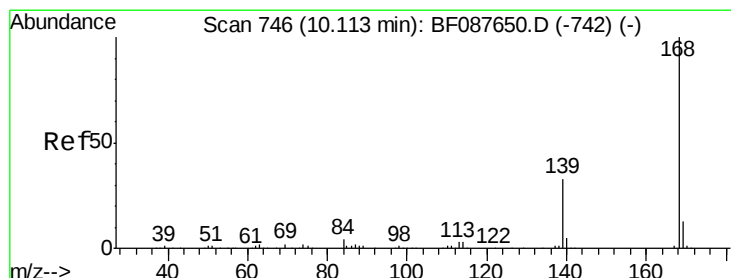
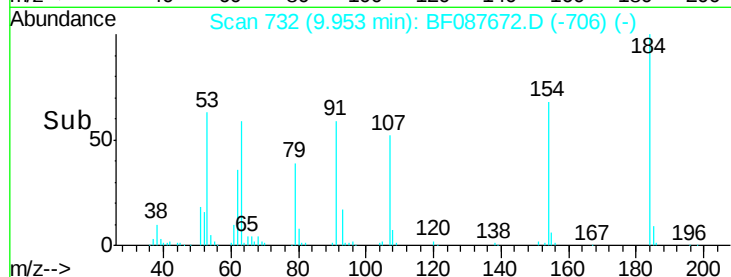
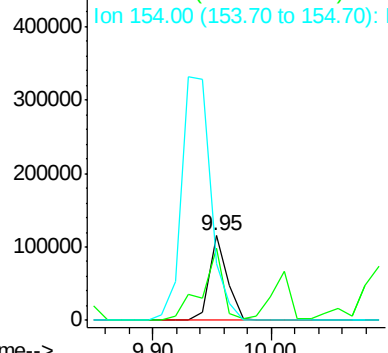
#53
2,4-Dinitrophenol
Concen: 72.88 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:184 Resp: 124111
Ion Ratio Lower Upper
184 100
63 85.5 57.6 86.4
154 67.6 53.5 80.3

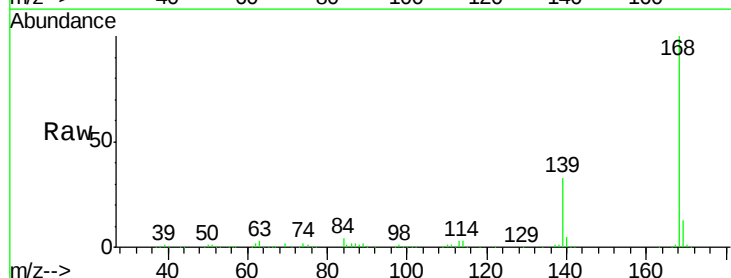


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

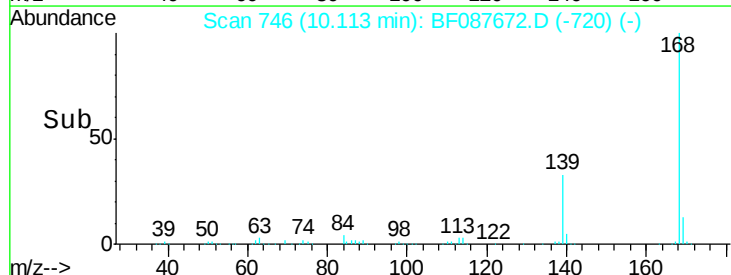
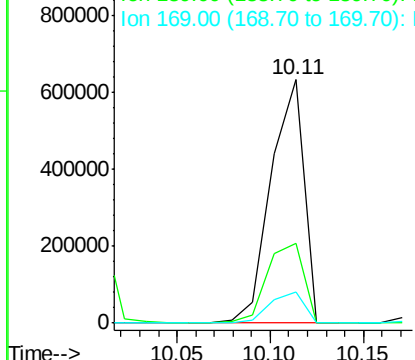


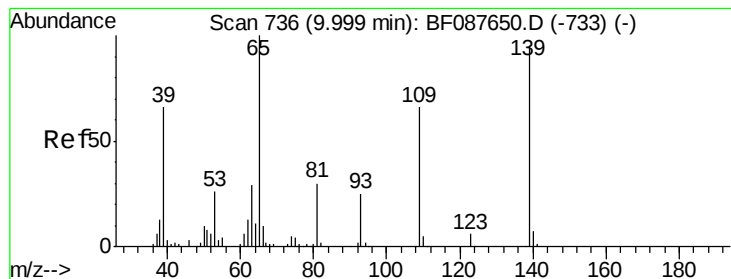
#54
Dibenzofuran
Concen: 38.84 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:168 Resp: 781449
Ion Ratio Lower Upper
168 100
139 33.0 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: 68.90 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

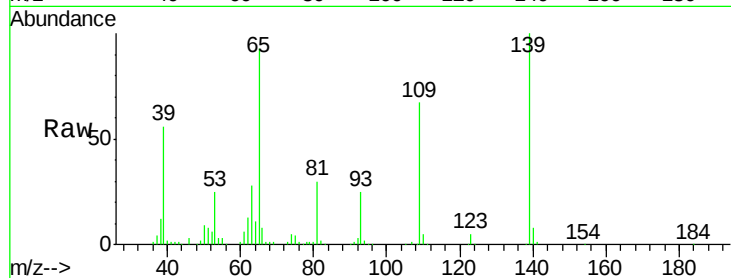
Tgt Ion:139 Resp: 254026

Ion Ratio Lower Upper

139 100

109 67.3 48.9 88.9

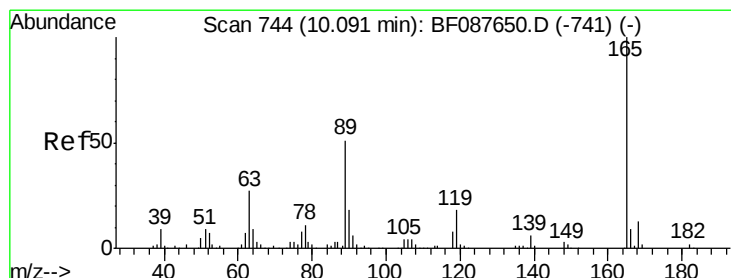
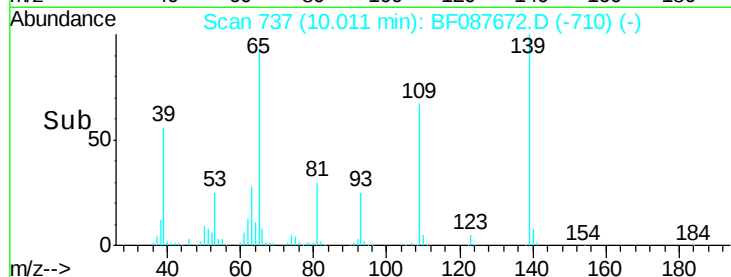
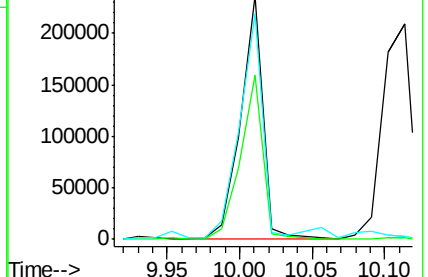
65 92.7 84.9 124.9



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: 44.64 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:165 Resp: 214360

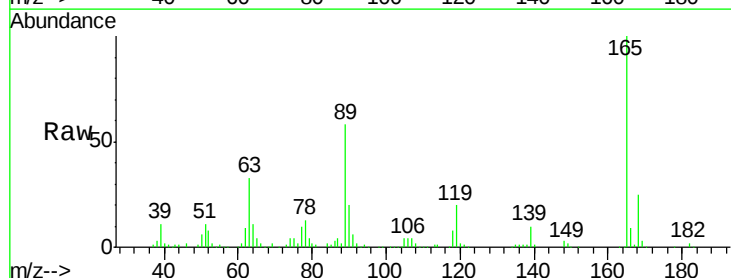
Ion Ratio Lower Upper

165 100

63 33.2 22.0 33.0#

89 58.3 41.1 61.7

182 2.3 2.0 3.0

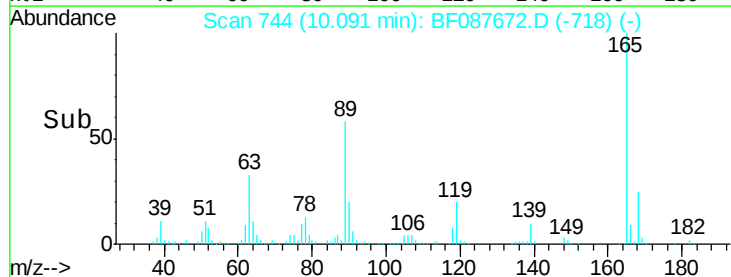
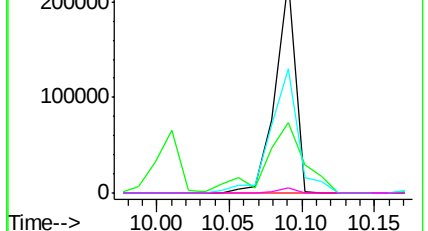


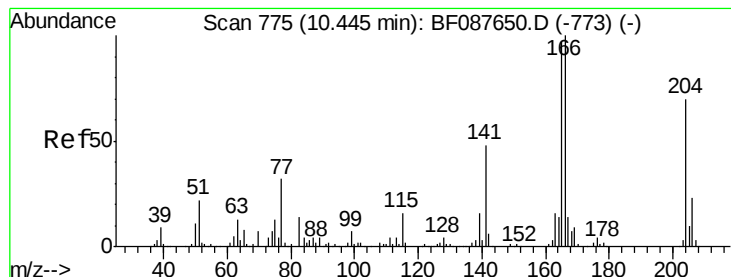
Abundance Ion 165.00 (164.70 to 165.70): E

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: 34.04 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

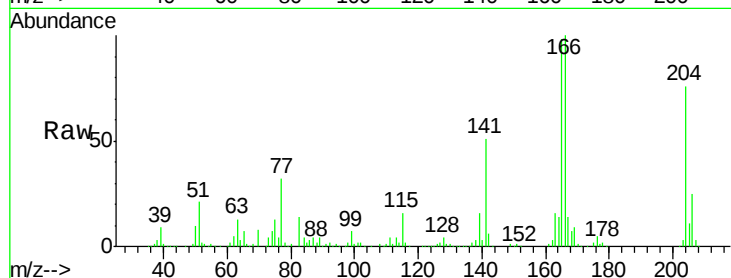
Tgt Ion:166 Resp: 535430

Ion Ratio Lower Upper

166 100

165 98.4 77.8 116.8

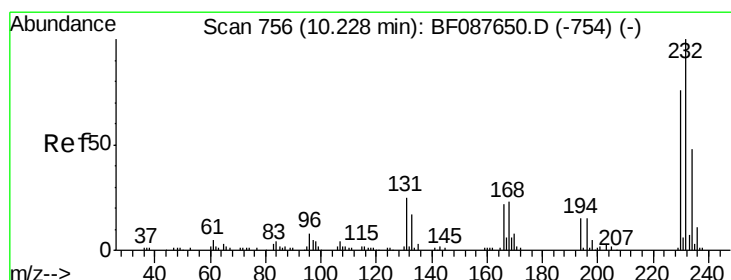
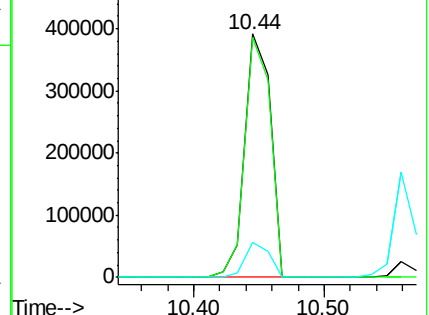
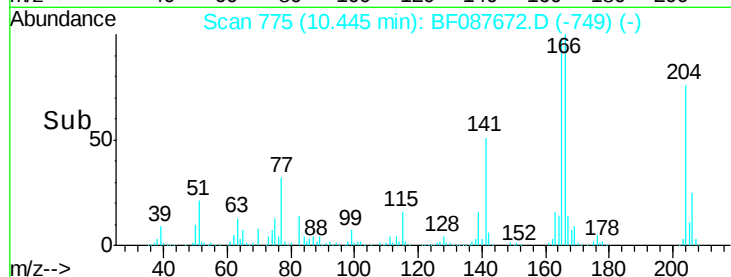
167 14.2 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.38 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Tgt Ion:232 Resp: 146014

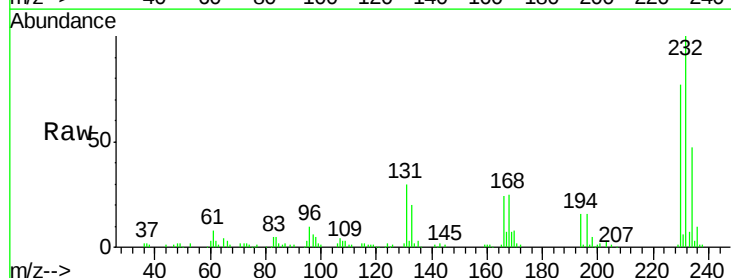
Ion Ratio Lower Upper

232 100

131 47.4 0.9 1.3#

130 2.4 1.5 2.3#

166 31.5 0.5 0.7#

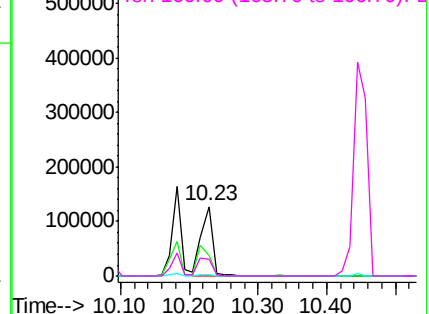
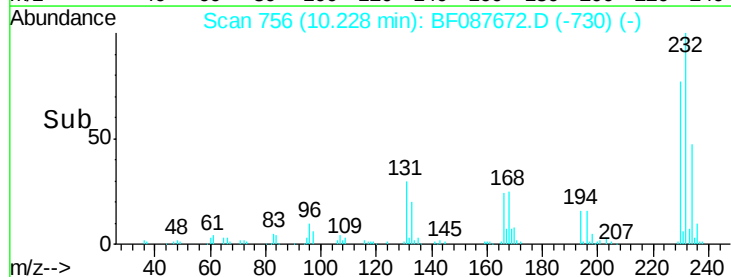


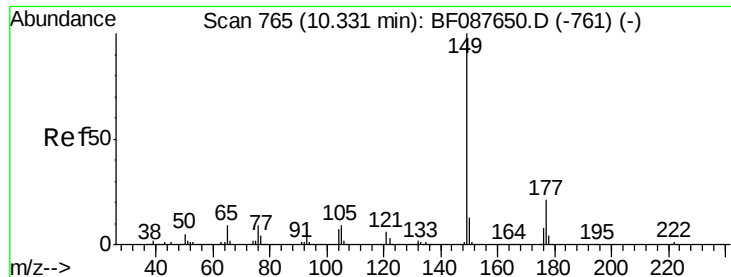
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

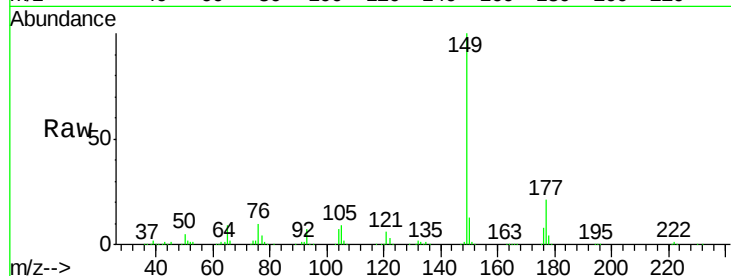




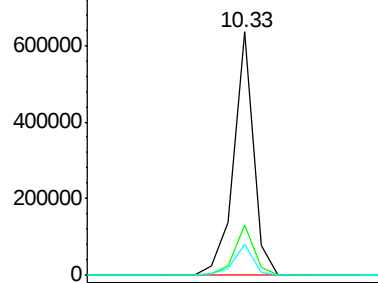
#59
Diethylphthalate
Concen: 36.16 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

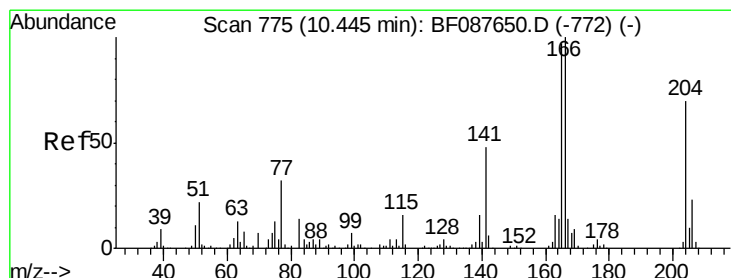
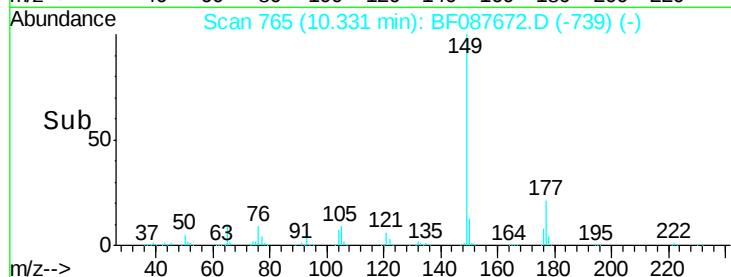
Tgt Ion:149 Resp: 601961
Ion Ratio Lower Upper
149 100
177 20.8 16.9 25.3
150 12.7 10.1 15.1



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

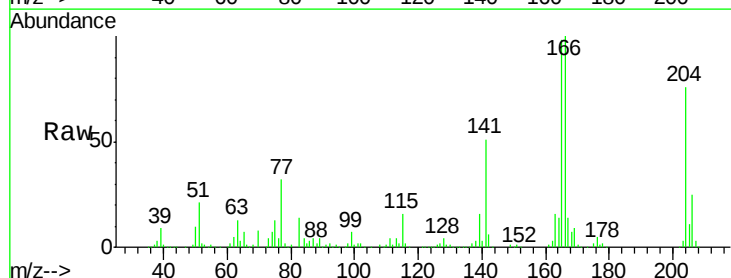


Time-->

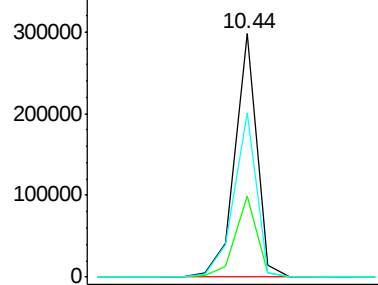


#60
4-Chlorophenyl-phenylether
Concen: 38.23 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

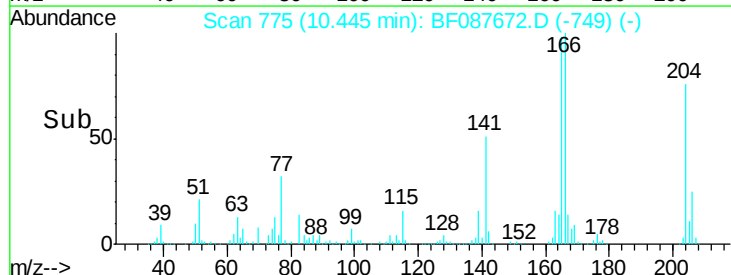
Tgt Ion:204 Resp: 245896
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 67.4 55.0 82.6

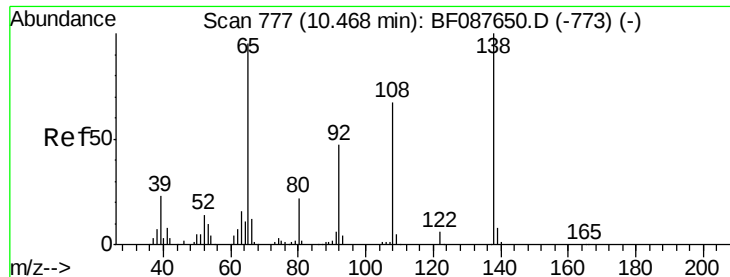


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->

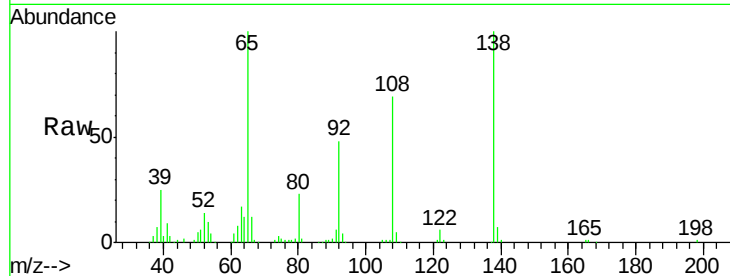




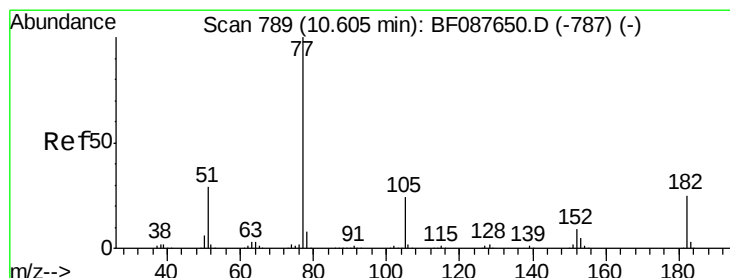
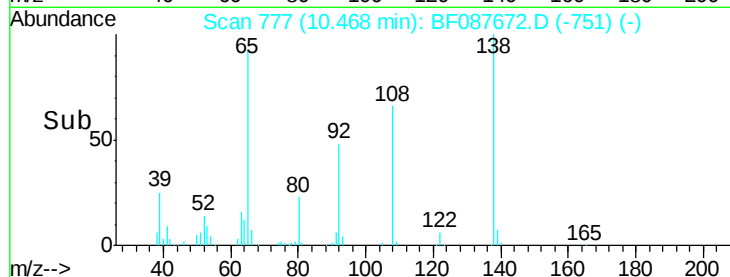
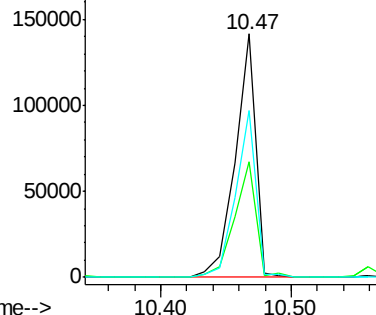
#61
4-Nitroaniline
Concen: 37.53 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:138 Resp: 155626
Ion Ratio Lower Upper
138 100
92 47.7 27.3 67.3
108 68.6 46.7 86.7

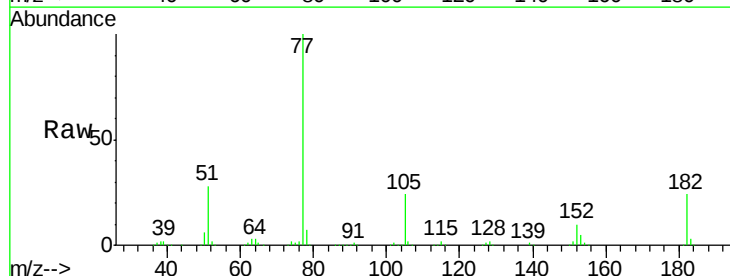


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

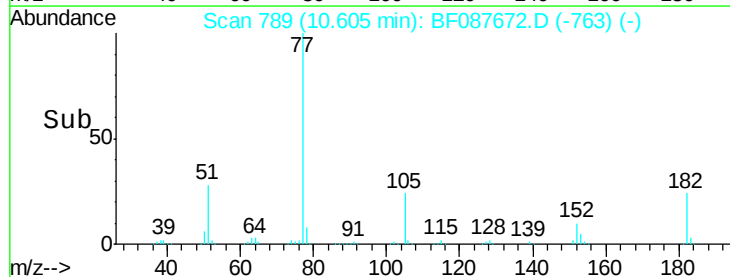
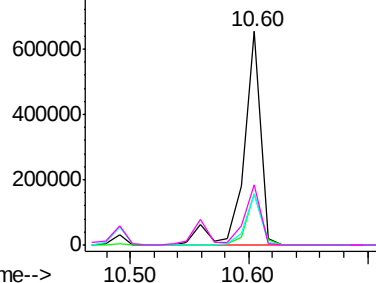


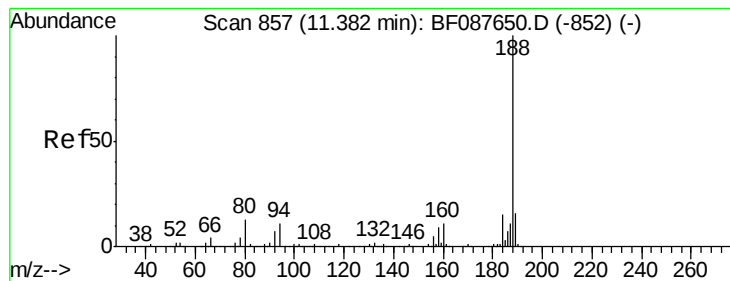
#62
Azobenzene
Concen: 39.20 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion: 77 Resp: 656872
Ion Ratio Lower Upper
77 100
182 24.3 4.4 44.4
105 24.0 3.8 43.8
51 28.5 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

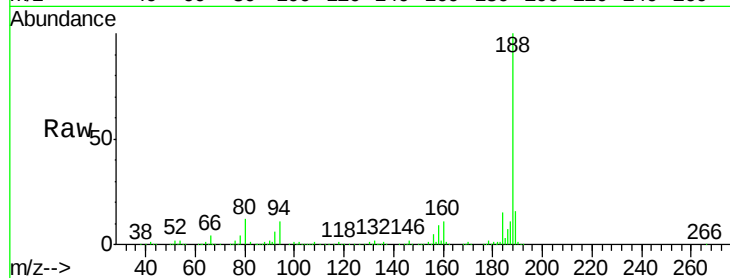
Tgt Ion:188 Resp: 412712

Ion Ratio Lower Upper

188 100

94 11.1 9.0 13.6

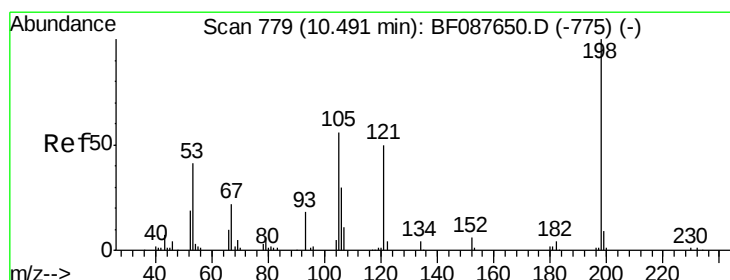
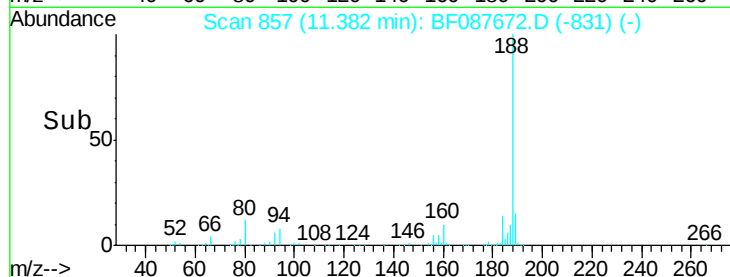
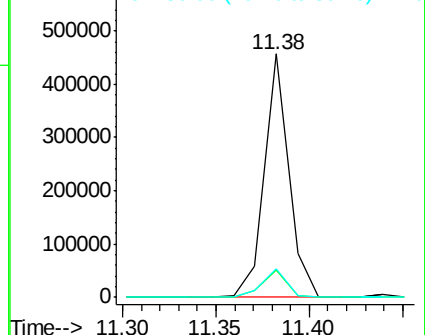
80 11.9 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.05 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

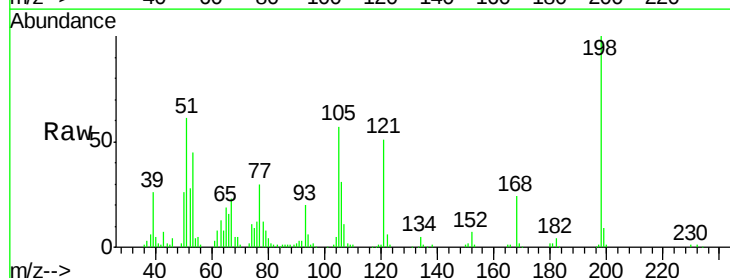
Tgt Ion:198 Resp: 86289

Ion Ratio Lower Upper

198 100

51 60.5 39.6 79.6

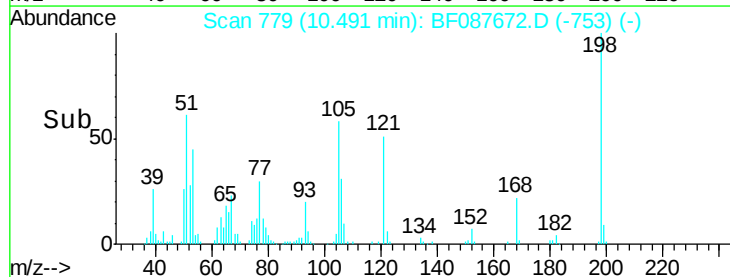
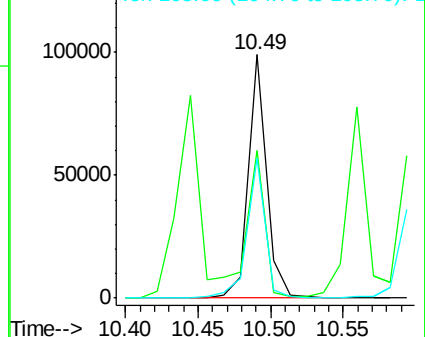
105 57.3 36.6 76.6

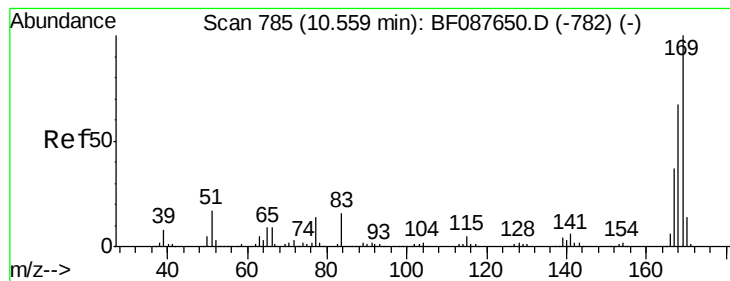


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

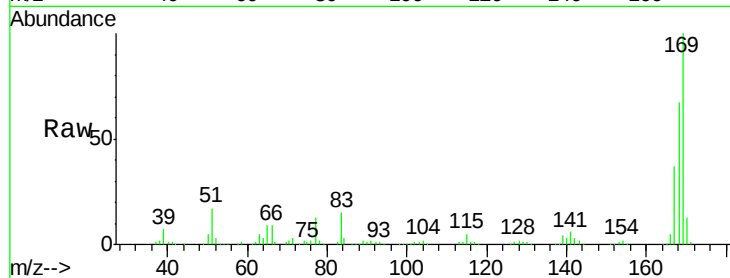




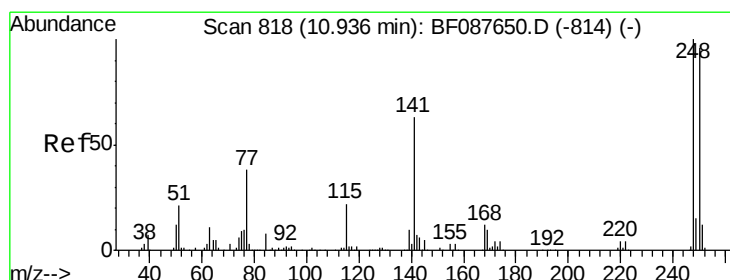
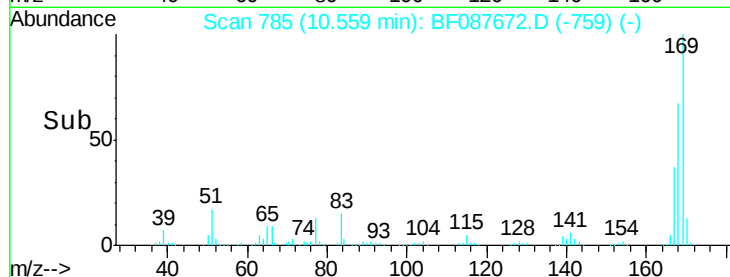
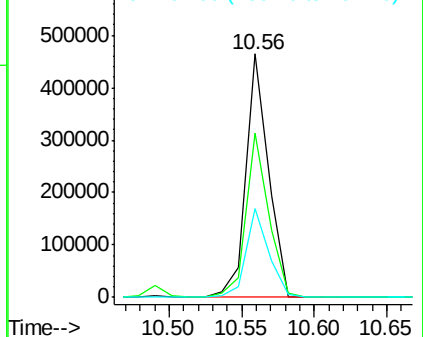
#65
 n-Nitrosodiphenylamine
 Concen: 36.88 ng
 RT: 10.56 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:169 Resp: 498508
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 36.5 29.4 44.0

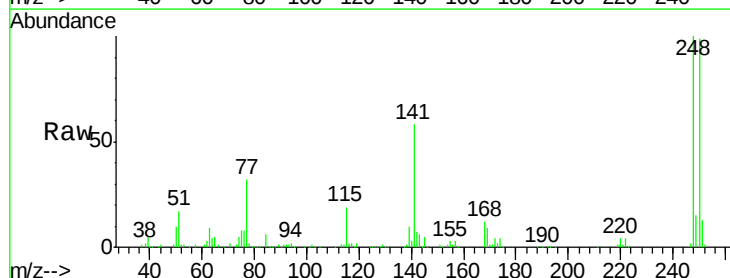


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

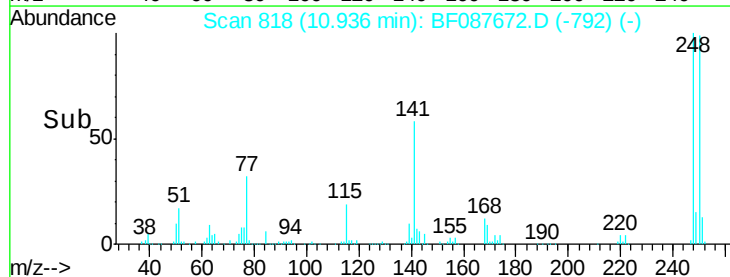
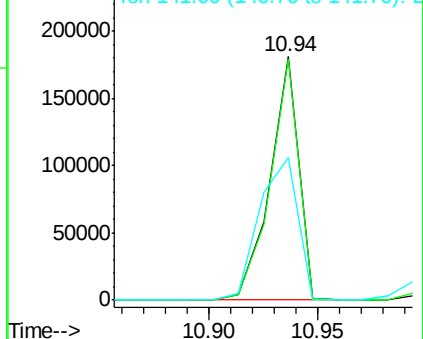


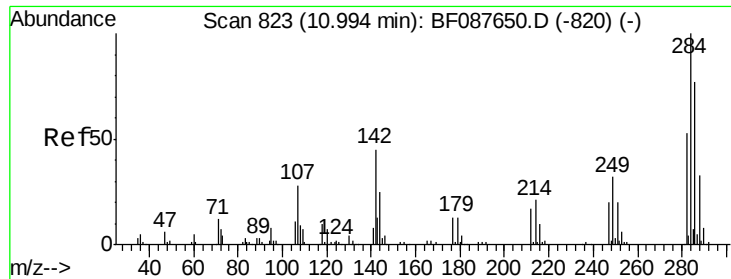
#66
 4-Bromophenyl-phenylether
 Concen: 41.06 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:248 Resp: 168031
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.1 115.7
 141 58.3 50.6 76.0



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

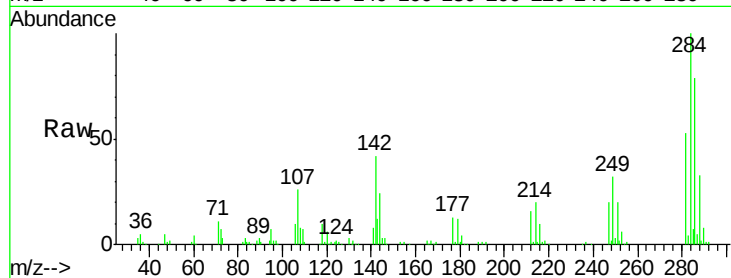




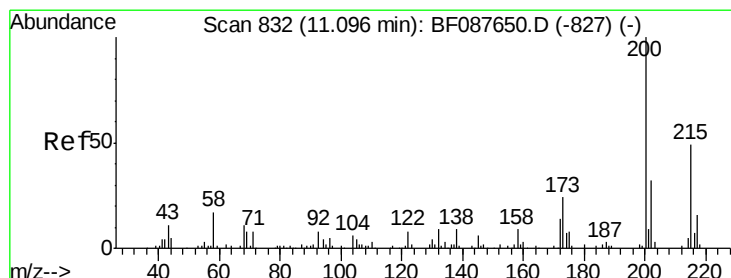
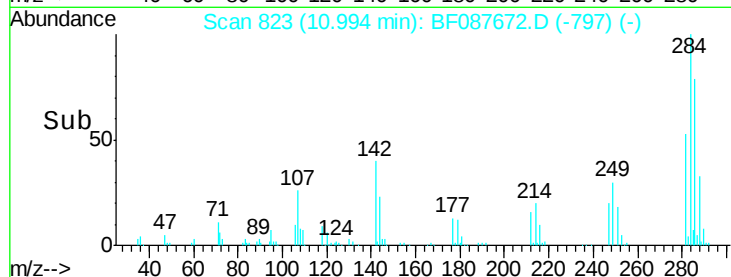
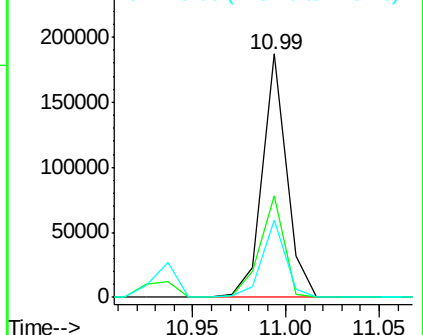
#67
Hexachlorobenzene
Concen: 36.50 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Instrument :
BNA_F
ClientSampleId :
PB91062BS

Tgt Ion:284 Resp: 167039
Ion Ratio Lower Upper
284 100
142 41.9 35.8 53.8
249 31.5 25.8 38.6

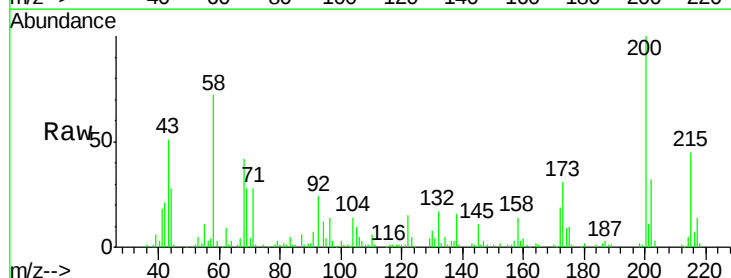


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

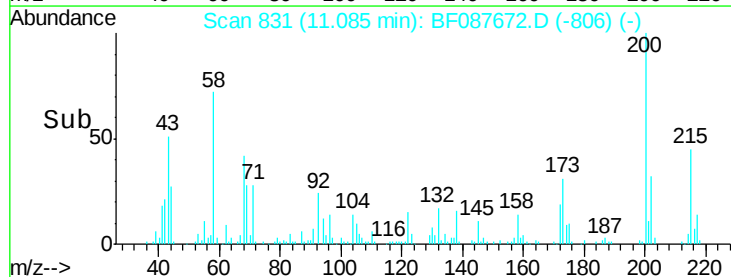
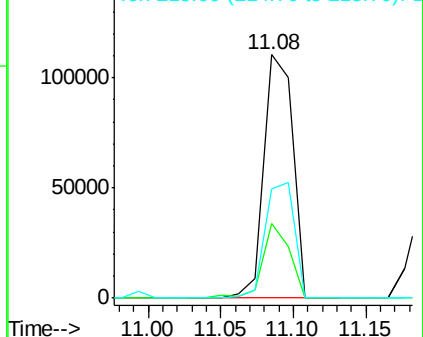


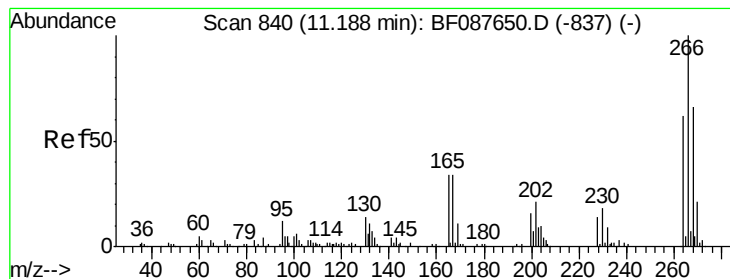
#68
Atrazine
Concen: 38.03 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:200 Resp: 152262
Ion Ratio Lower Upper
200 100
173 30.9 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

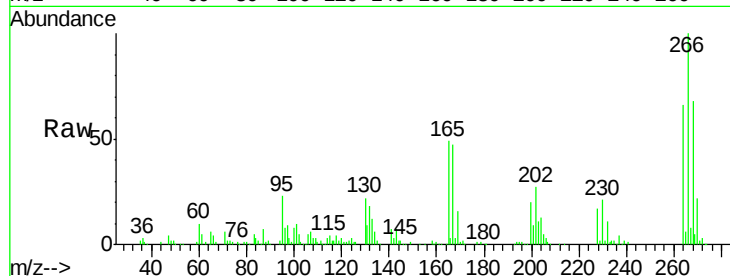




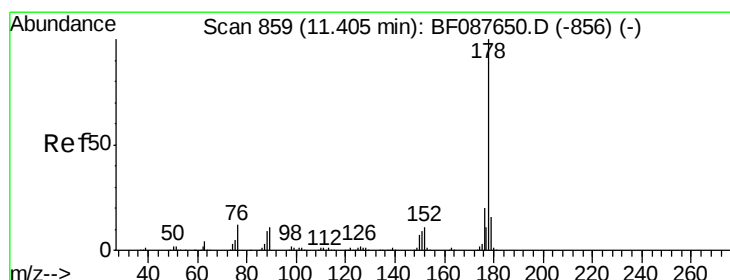
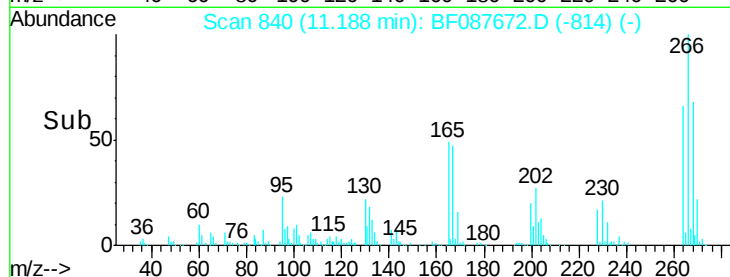
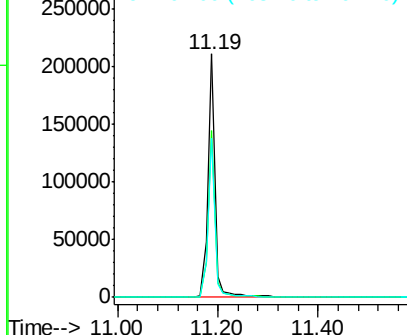
#69
 Pentachlorophenol
 Concen: 76.73 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampled :
 PB91062BS

Tgt Ion:266 Resp: 208634
 Ion Ratio Lower Upper
 266 100
 268 68.5 52.8 79.2
 264 65.5 49.6 74.4

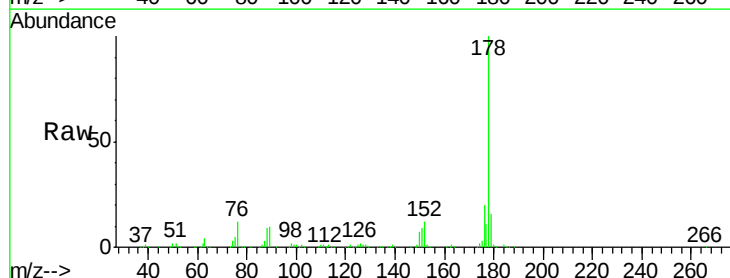


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

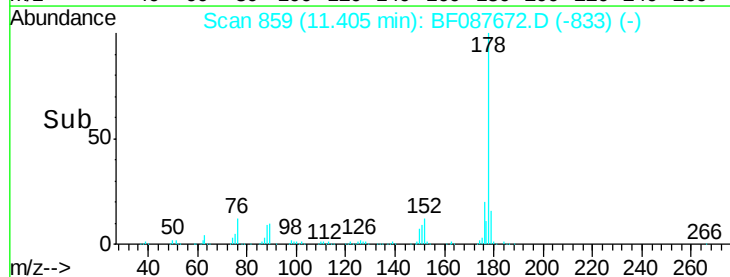
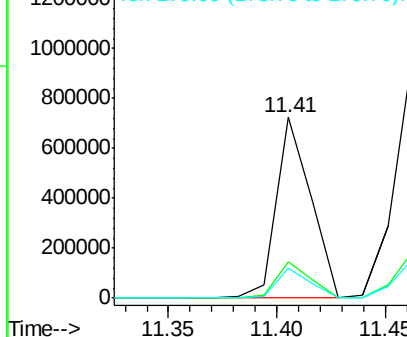


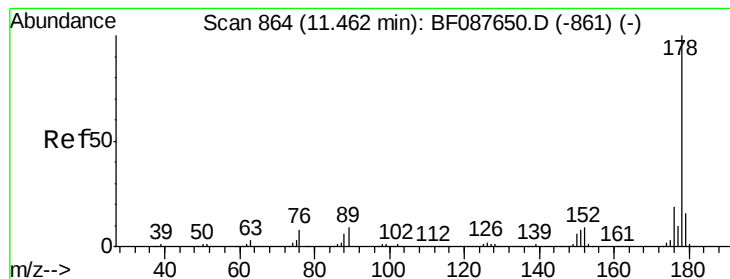
#70
 Phenanthrene
 Concen: 36.01 ng
 RT: 11.41 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion:178 Resp: 805827
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.2 13.0 19.4



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





#71

Anthracene

Concen: 39.64 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

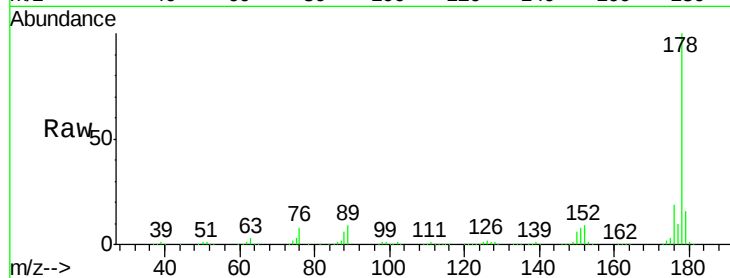
Tgt Ion:178 Resp: 888900

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

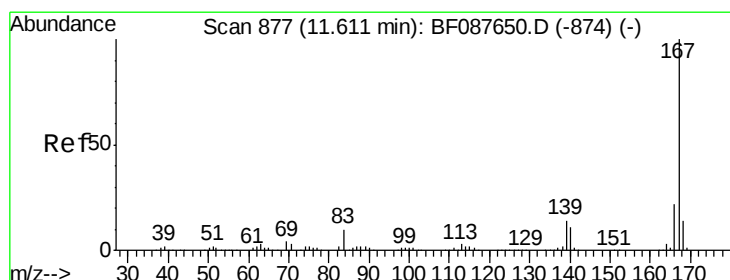
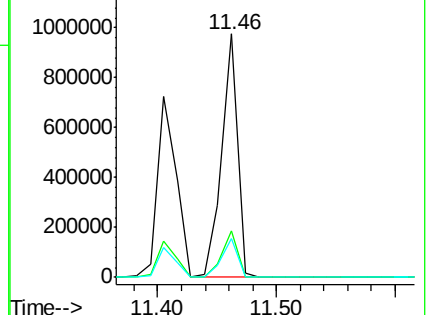
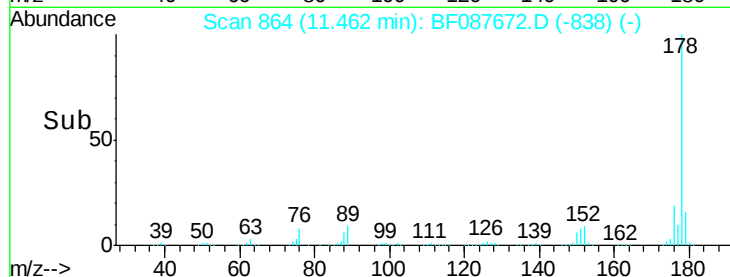
179 15.9 12.8 19.2



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: 36.09 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

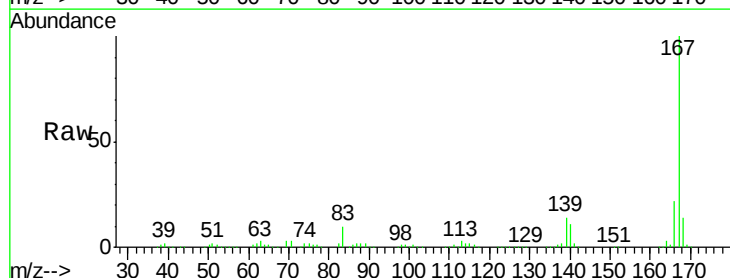
Tgt Ion:167 Resp: 766106

Ion Ratio Lower Upper

167 100

166 22.4 17.8 26.6

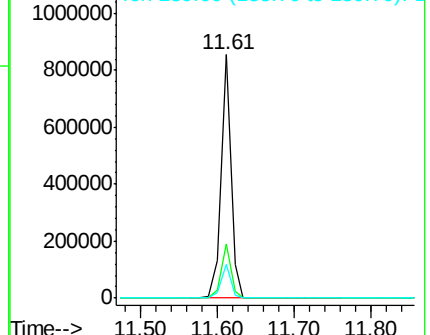
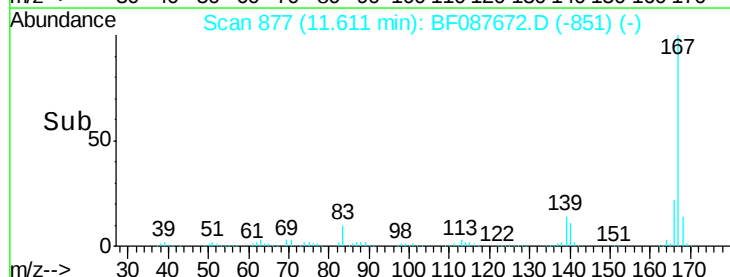
139 14.1 11.2 16.8

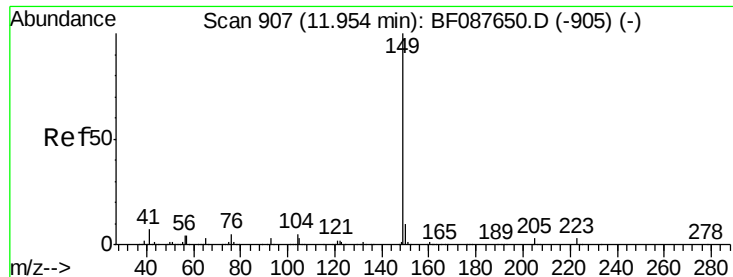


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

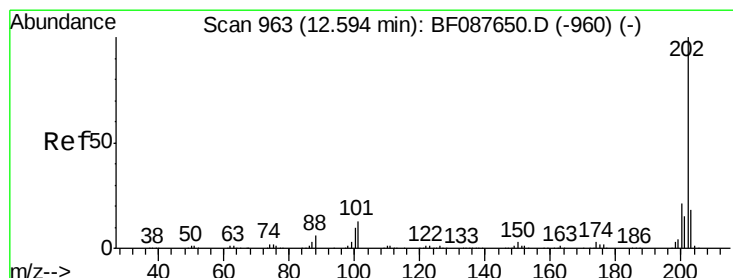
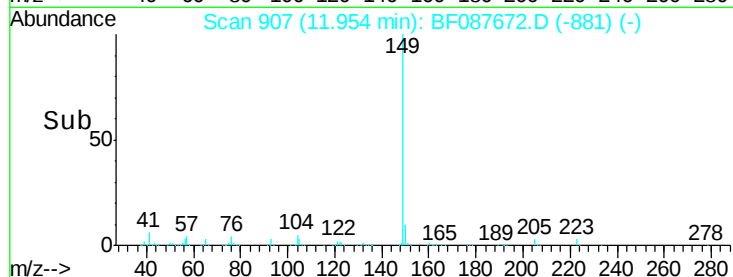
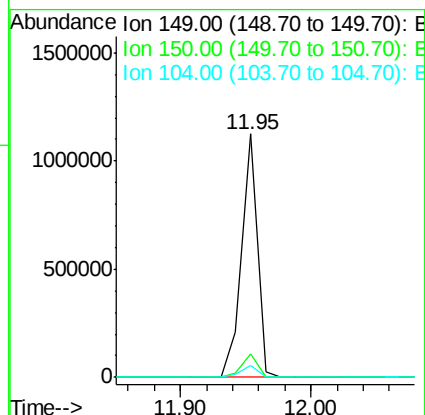
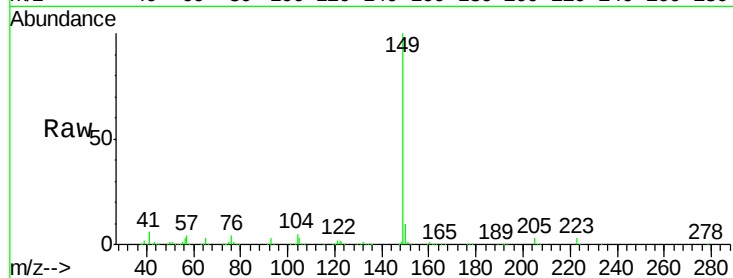




#73
Di-n-butylphthalate
Concen: 41.14 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

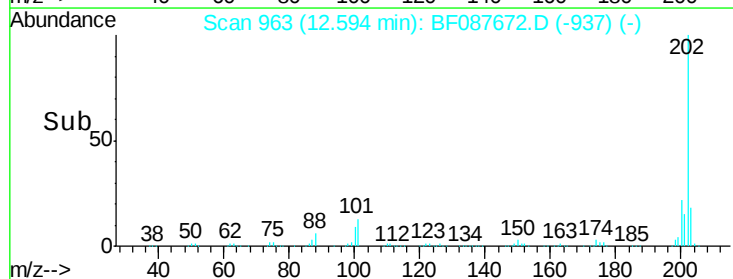
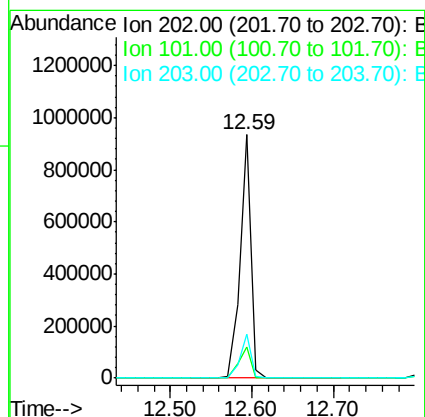
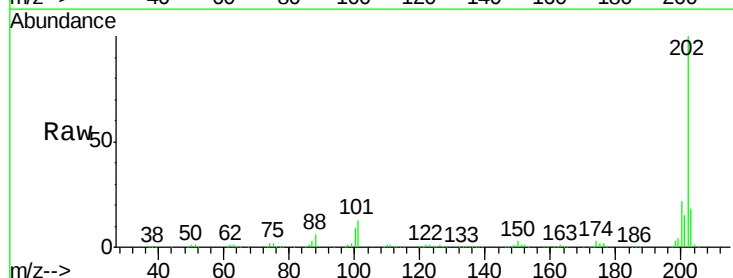
Instrument :
BNA_F
ClientSampleId :
PB91062BS

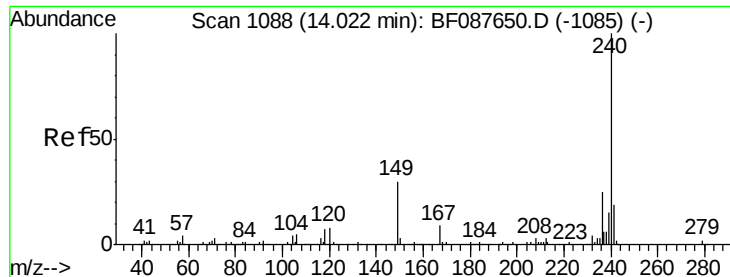
Tgt Ion:149 Resp: 936157
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 39.31 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:202 Resp: 865512
Ion Ratio Lower Upper
202 100
101 12.7 0.0 33.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

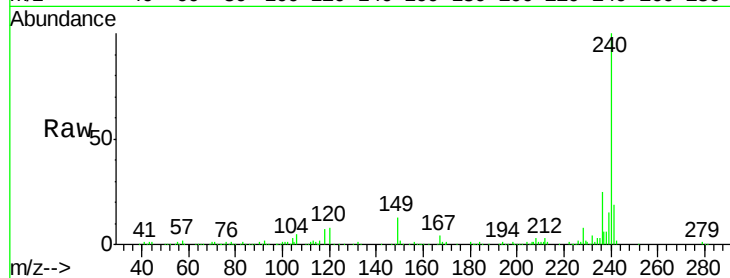
Tgt Ion:240 Resp: 299637

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

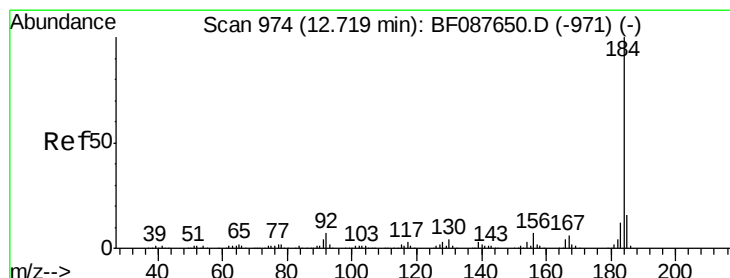
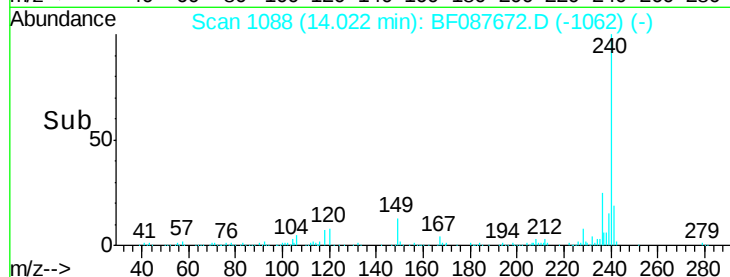
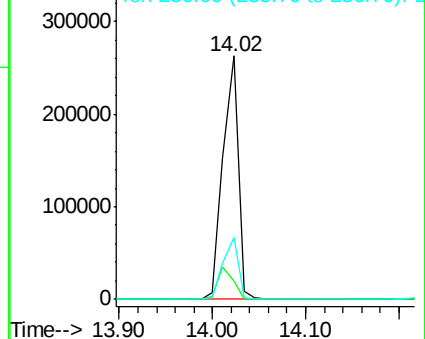
236 25.3 20.2 30.2



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: 21.57 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

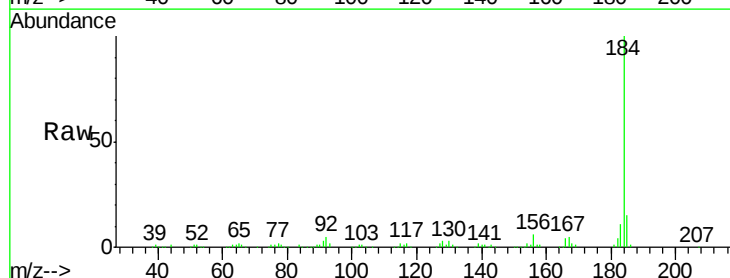
Tgt Ion:184 Resp: 254858

Ion Ratio Lower Upper

184 100

185 14.9 12.5 18.7

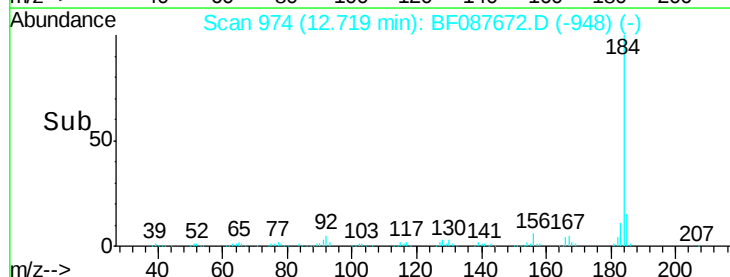
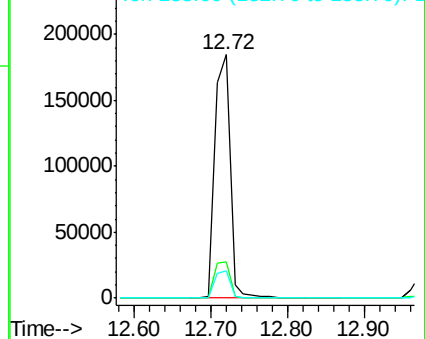
183 11.0 9.3 13.9

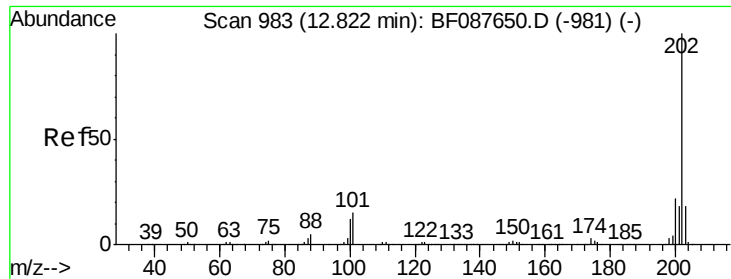


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

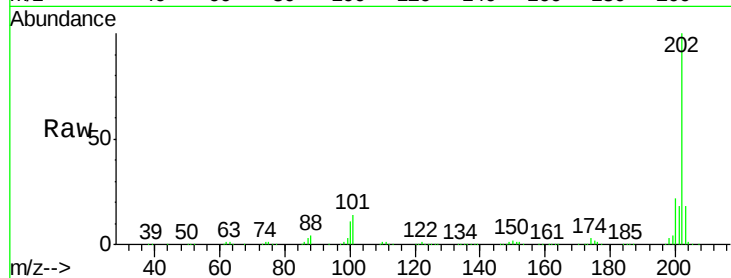




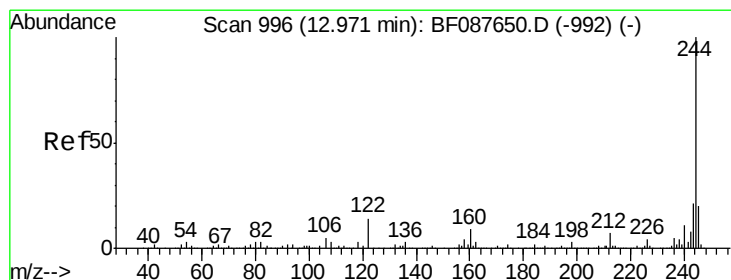
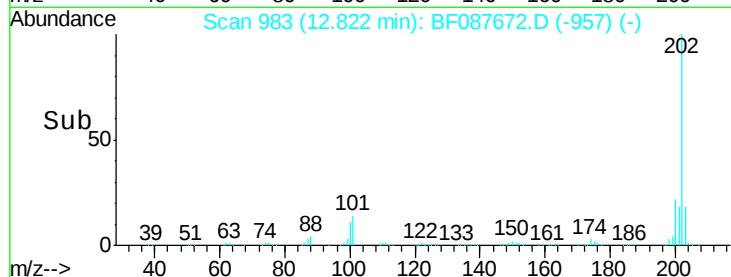
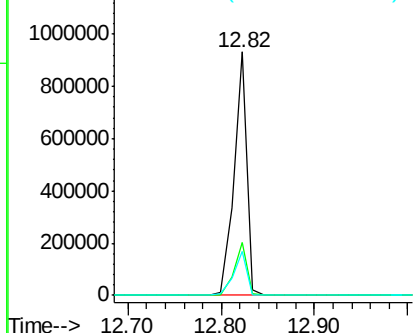
#77
 Pyrene
 Concen: 42.11 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.8	14.5	21.7

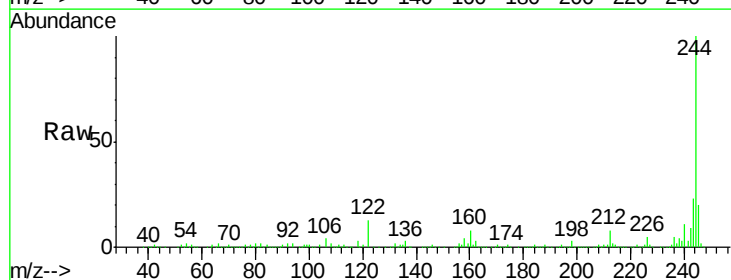


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

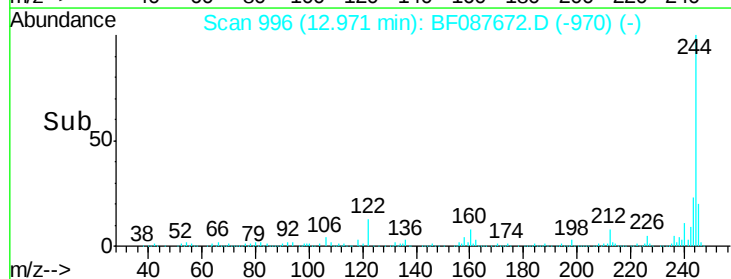
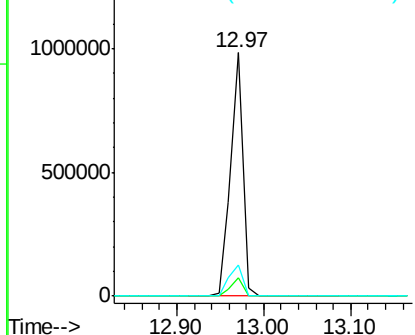


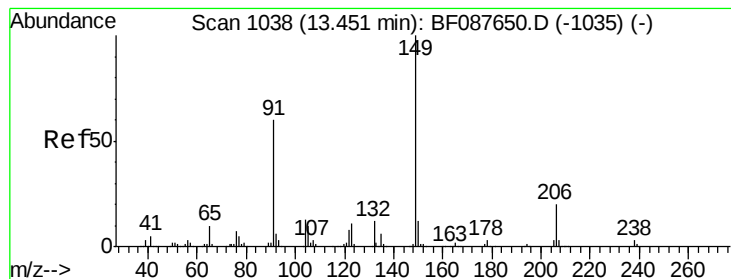
#78
 Terphenyl-d14
 Concen: 78.98 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.9	11.2	16.8



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.19 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

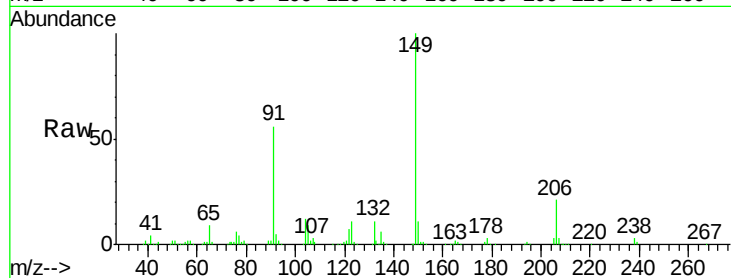
Instrument :

BNA_F

ClientSampleId :

PB91062BS

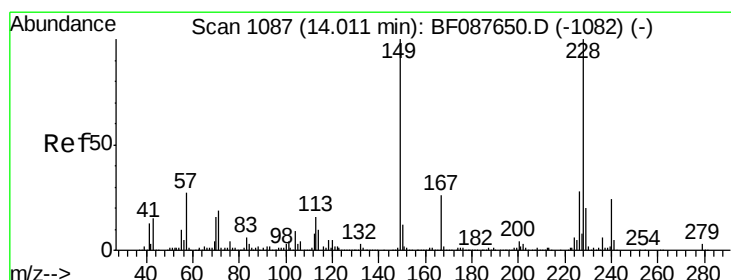
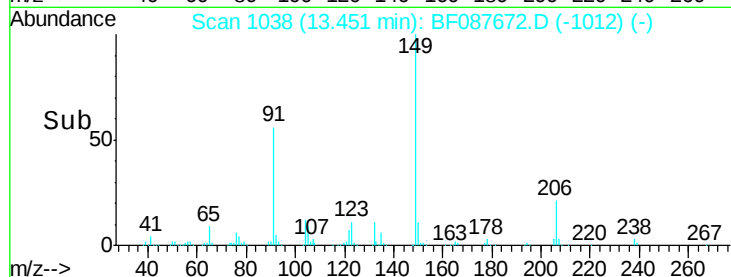
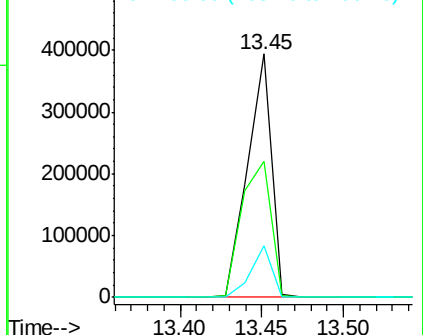
Tgt Ion:	149	Resp:	401317
Ion Ratio		Lower	Upper
149	100		
91	56.1	48.0	72.0
206	21.2	16.0	24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.11 ng

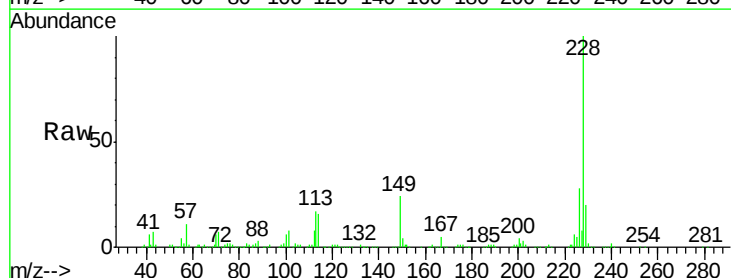
RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

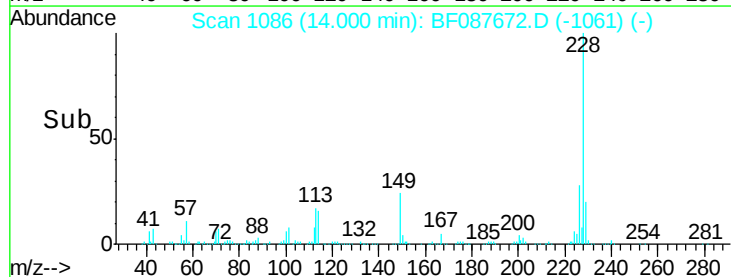
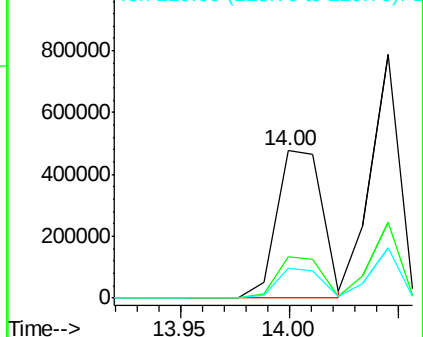
Tgt Ion:	228	Resp:	693633
Ion Ratio		Lower	Upper
228	100		
226	27.8	22.3	33.5
229	20.1	16.0	24.0

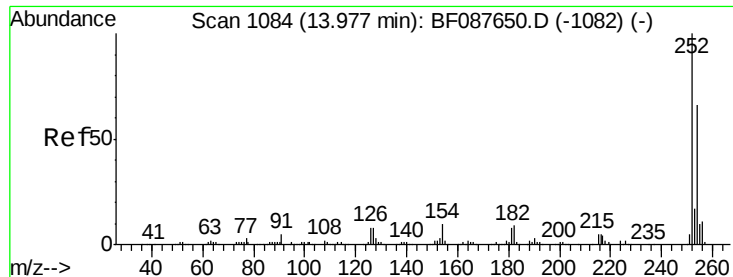


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

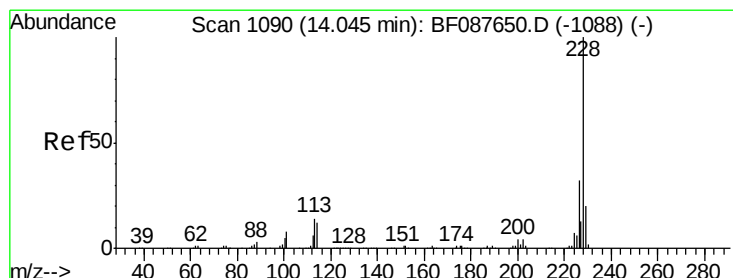
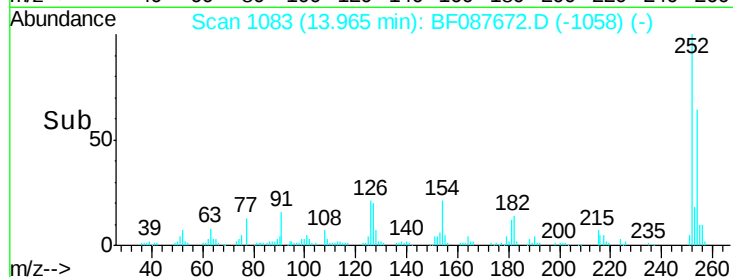
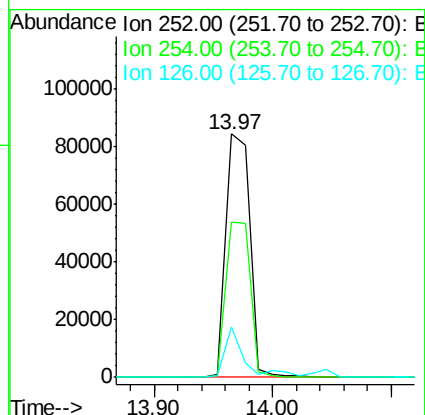
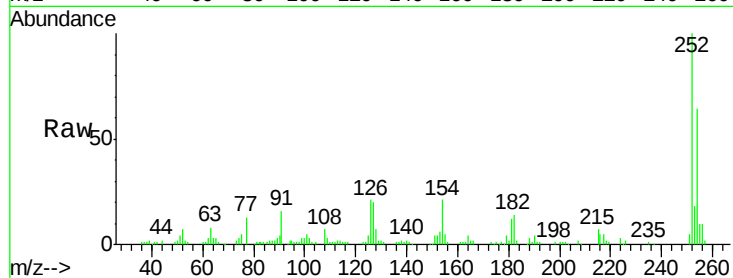




#81
 3,3'-Dichlorobenzidine
 Concen: 24.06 ng
 RT: 13.97 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

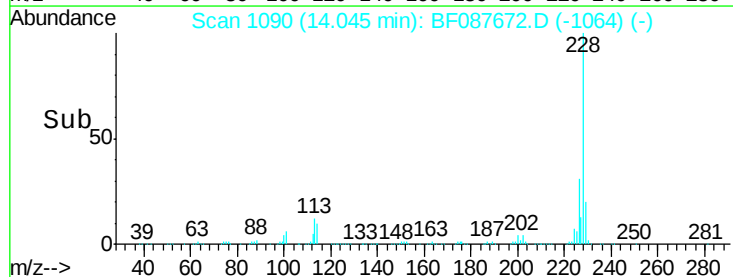
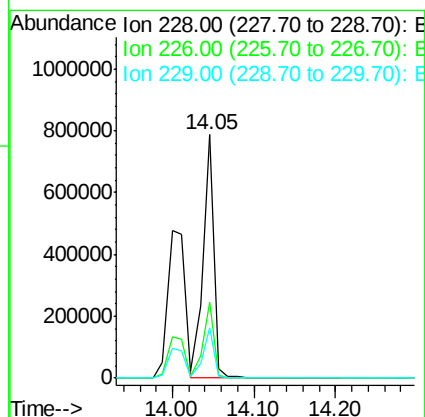
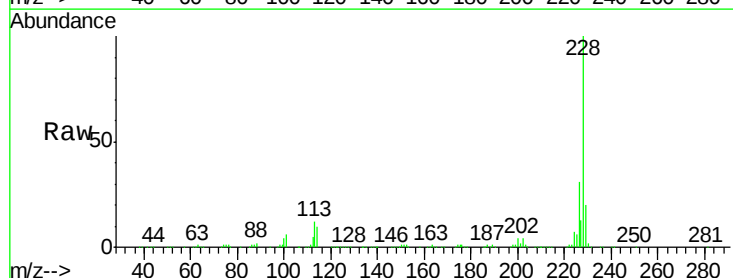
Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

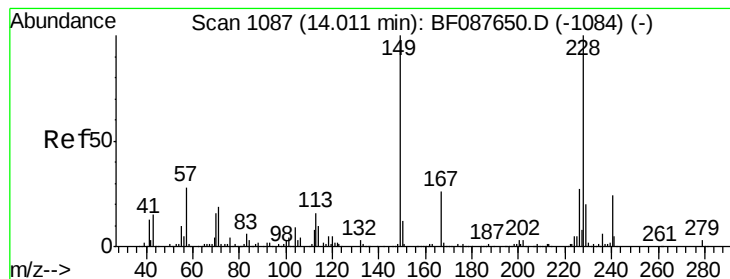
Tgt Ion: 252 Resp: 117393
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.6 78.8
 126 20.6 6.2 9.2#



#82
 Chrysene
 Concen: 42.60 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion: 228 Resp: 733193
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.2
 229 20.5 16.3 24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.36 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

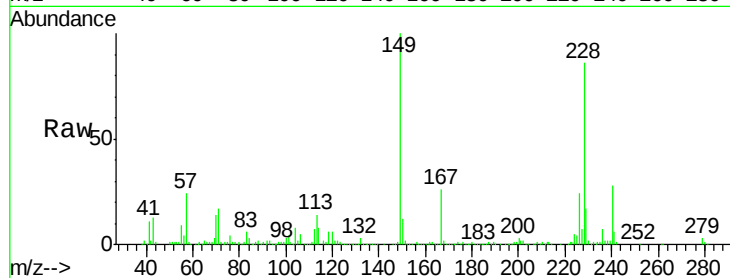
Tgt Ion:149 Resp: 479349

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

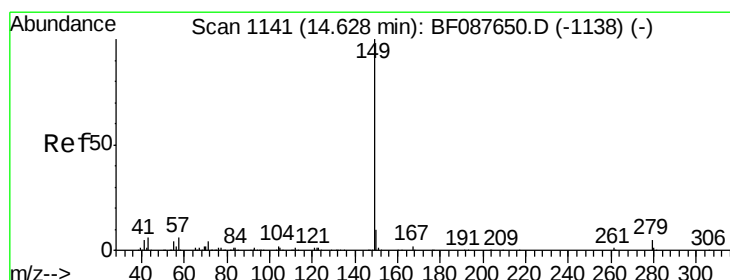
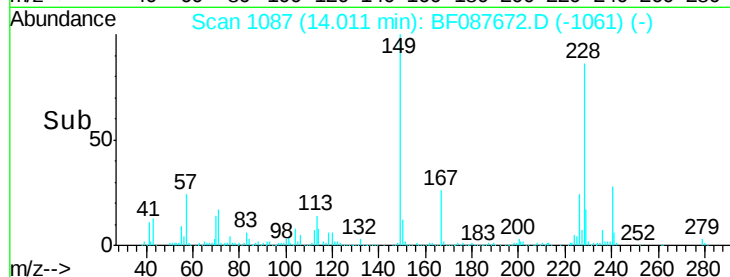
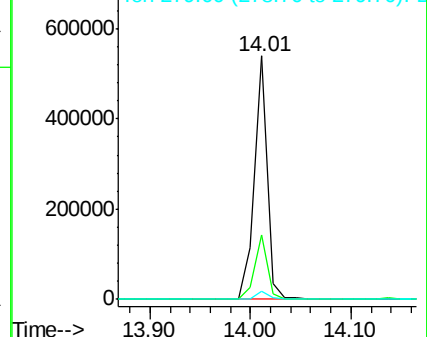
279 3.2 2.0 3.0#



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: 42.57 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

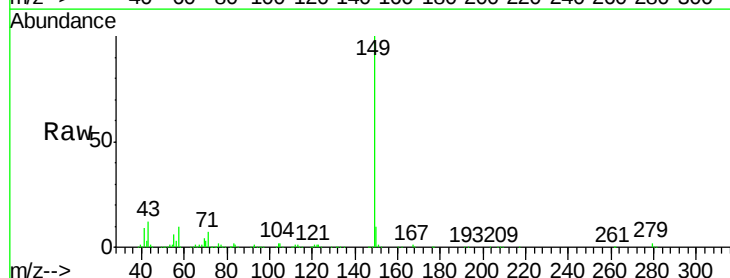
Tgt Ion:149 Resp: 855197

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

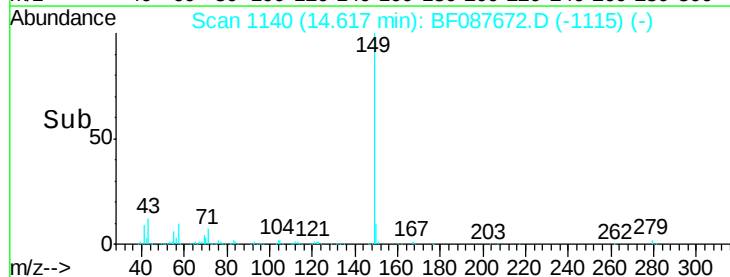
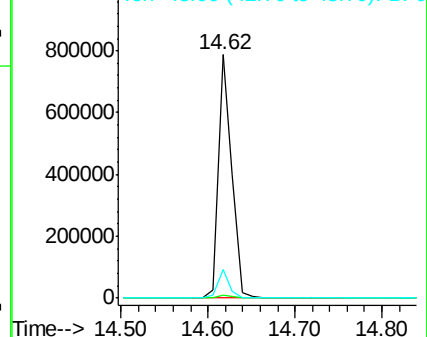
43 10.0 0.0 0.0#

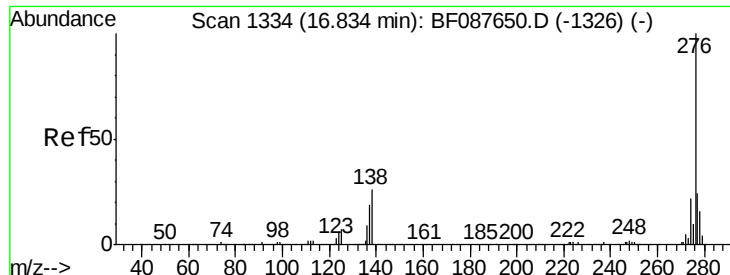


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

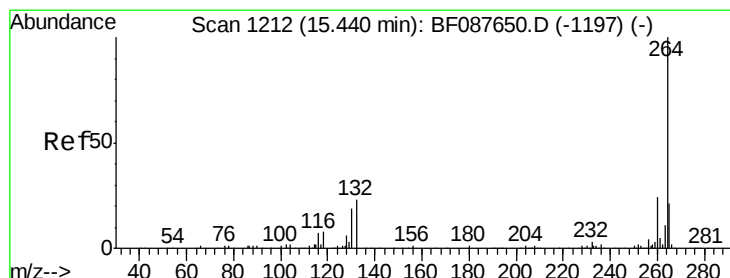
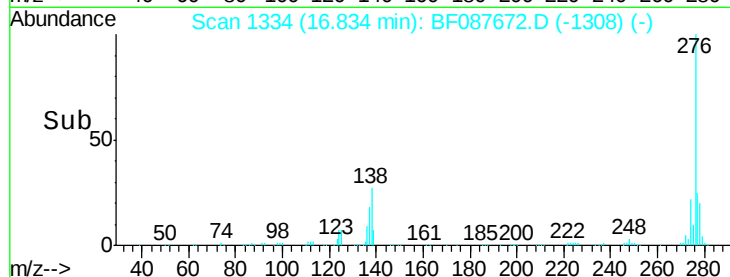
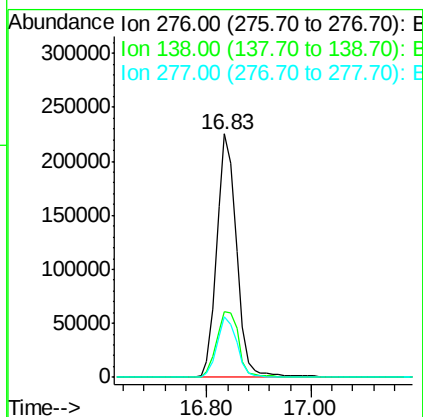
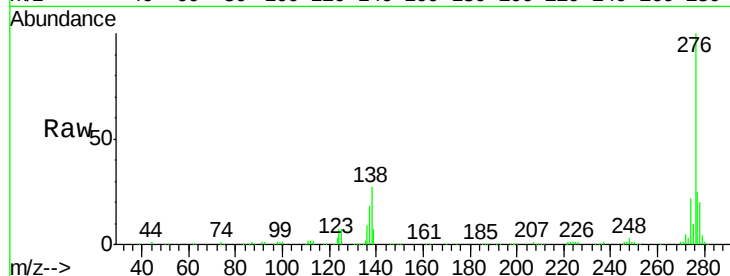




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.82 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

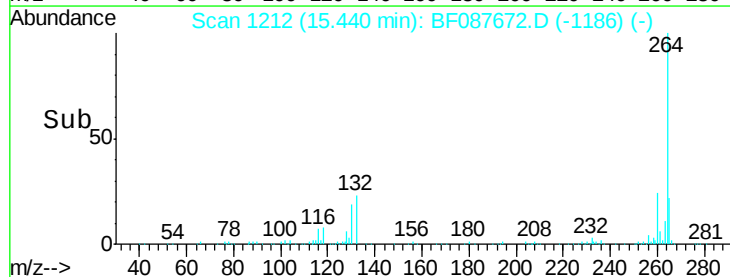
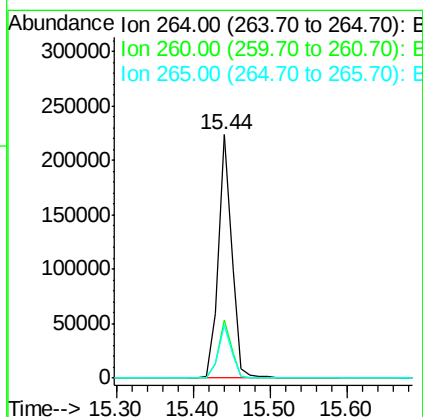
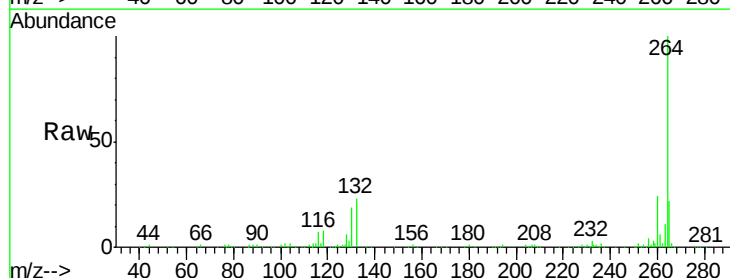
Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

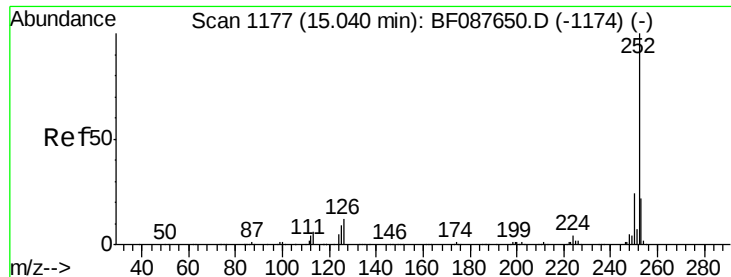
Tgt Ion: 276 Resp: 594973
 Ion Ratio Lower Upper
 276 100
 138 30.2 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Tgt Ion: 264 Resp: 274984
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.9 16.9 25.3

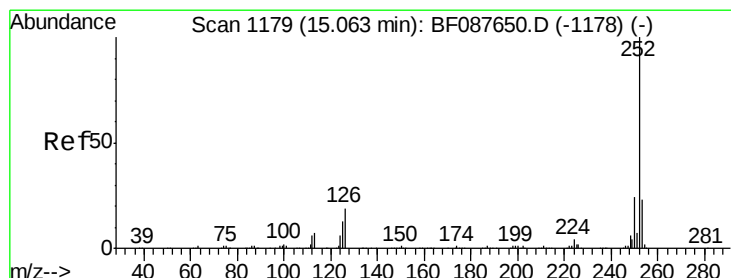
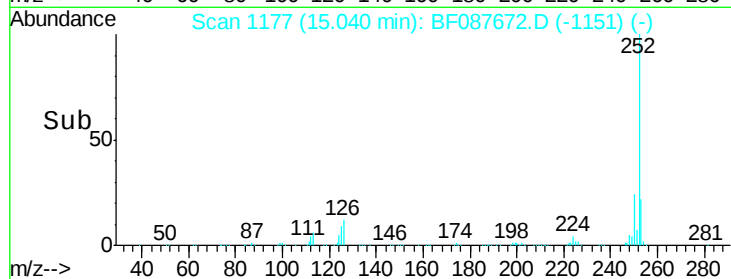
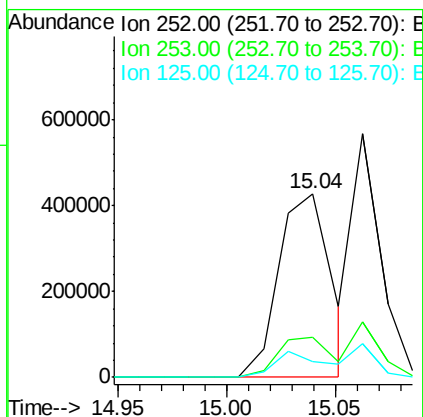
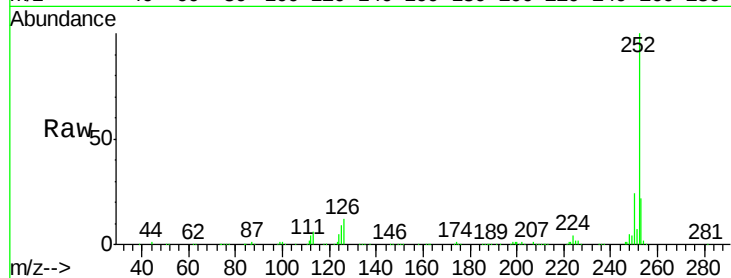




#87
Benzo(b)fluoranthene
Concen: 40.07 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

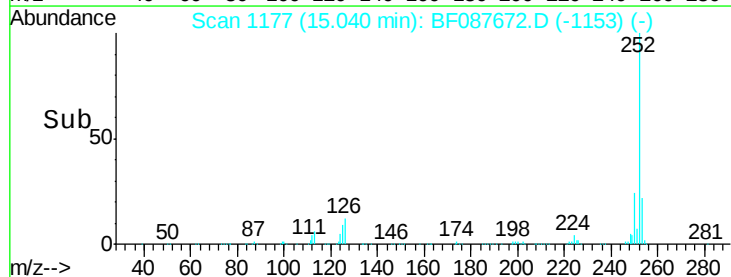
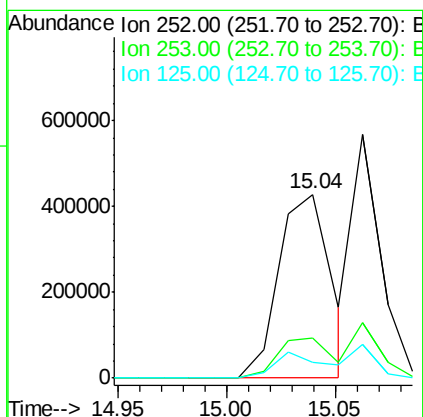
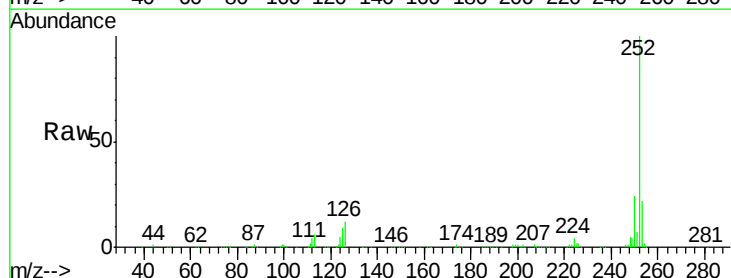
Instrument :
BNA_F
ClientSampleId :
PB91062BS

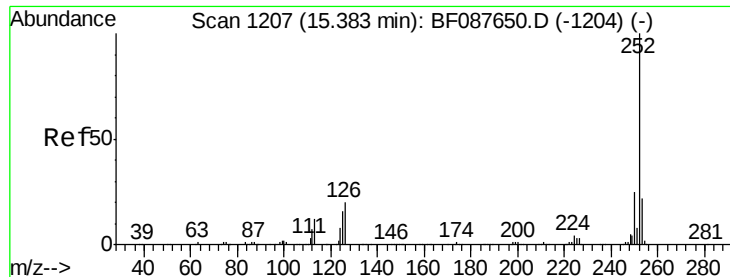
Tgt Ion:252 Resp: 716769
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.9 7.1 10.7



#88
Benzo(k)fluoranthene
Concen: 48.16 ng
RT: 15.04 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF087672.D
Acq: 4 Jun 2016 18:15

Tgt Ion:252 Resp: 716769
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.9 11.2 16.8#





#89

Benzo(a)pyrene

Concen: 38.40 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

Instrument :

BNA_F

ClientSampleId :

PB91062BS

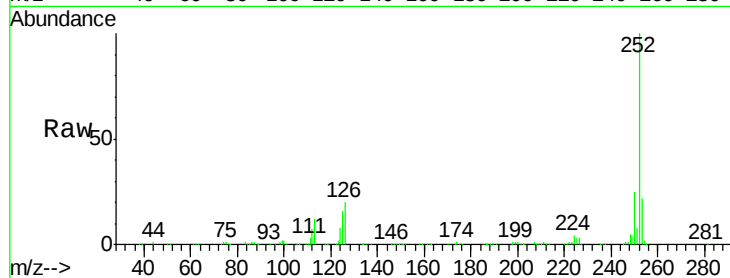
Tgt Ion:252 Resp: 577469

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

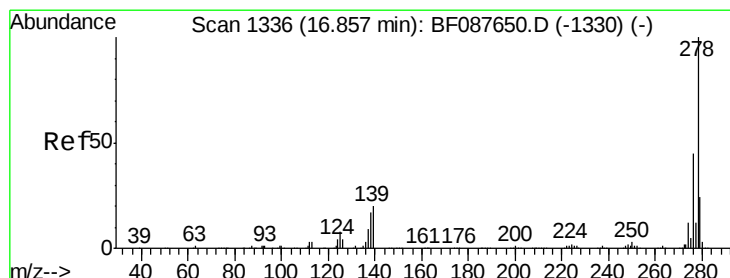
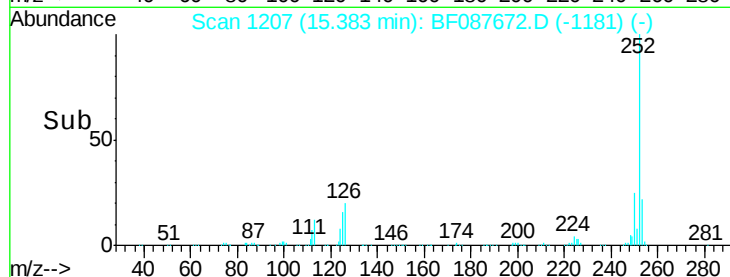
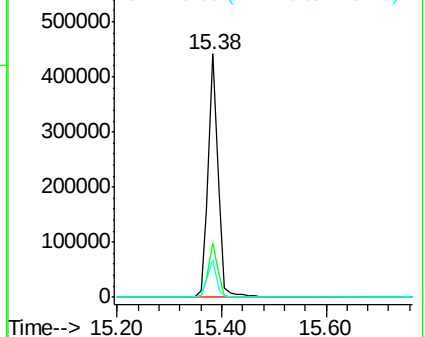
125 15.6 12.5 18.7



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: 39.00 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087672.D

Acq: 4 Jun 2016 18:15

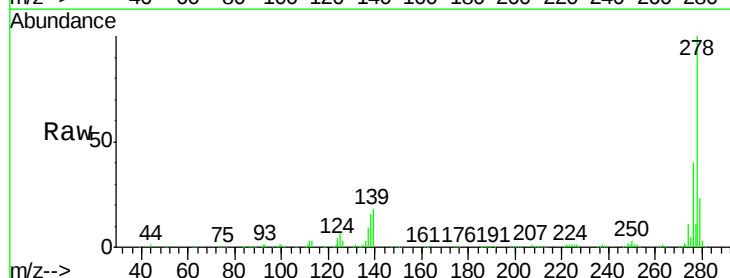
Tgt Ion:278 Resp: 499008

Ion Ratio Lower Upper

278 100

139 18.4 15.7 23.5

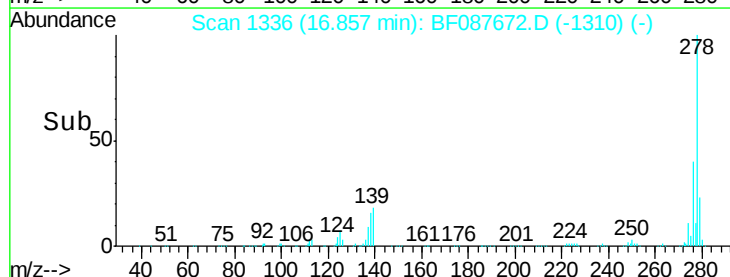
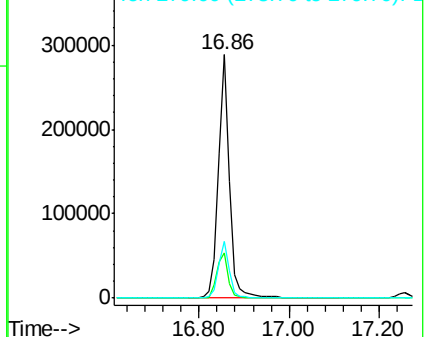
279 23.5 19.4 29.2

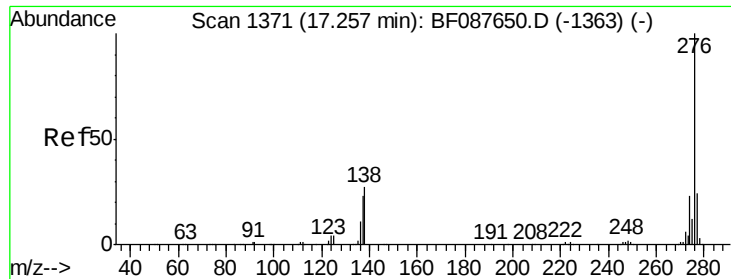


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.59 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087672.D
 Acq: 4 Jun 2016 18:15

Instrument :
 BNA_F
 ClientSampleId :
 PB91062BS

Tgt Ion:	276	Resp:	498166
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	26.1	21.4	32.2

