

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087671.D
 Acq On : 4 Jun 2016 17:45
 Operator : UM/SJ
 Sample : PB91024BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Quant Time: Jun 05 01:00:14 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	122700	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	503106	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	239233	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	421956	20.00	ng	0.00
75) Chrysene-d12	14.02	240	326848	20.00	ng	0.00
86) Perylene-d12	15.44	264	281775	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	750440	98.85	ng	0.01
7) Phenol-d6	6.49	99	994205	104.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	655993	75.44	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	285168	118.75	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1235530	76.89	ng	0.00
78) Terphenyl-d14	12.97	244	990072	73.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	106878	29.13	ng	# 27
3) Pyridine	3.27	79	332370	34.29	ng	96
4) n-Nitrosodimethylamine	3.22	42	147856	36.11	ng	99
6) Aniline	6.52	93	353995	26.23	ng	99
8) 2-Chlorophenol	6.65	128	330903	37.88	ng	# 80
9) Benzaldehyde	6.40	77	23685	3.68	ng	90
10) Phenol	6.50	94	413736	38.16	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	299666	38.04	ng	# 82
12) 1,3-Dichlorobenzene	6.80	146	322208	34.45	ng	99
13) 1,4-Dichlorobenzene	6.88	146	348131	37.09	ng	98
14) 1,2-Dichlorobenzene	6.88	146	348131	39.57	ng	96
15) Benzyl Alcohol	7.00	79	246372	35.03	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.14	45	420030	36.57	ng	98
17) 2-Methylphenol	7.12	107	288033	41.07	ng	96
18) Hexachloroethane	7.38	117	128304	39.10	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	210863	35.46	ng	97
20) 3+4-Methylphenols	7.27	107	315335	36.69	ng	96
22) Acetophenone	7.28	105	442375	38.82	ng	# 99
24) Nitrobenzene	7.45	77	333326	38.30	ng	93
25) Isophorone	7.69	82	616381	38.94	ng	98
26) 2-Nitrophenol	7.76	139	156957	38.81	ng	97
27) 2,4-Dimethylphenol	7.80	122	342754	40.90	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	369251	36.77	ng	98
29) 2,4-Dichlorophenol	8.00	162	262343	38.12	ng	100
30) 1,2,4-Trichlorobenzene	8.09	180	286657	39.77	ng	99
31) Naphthalene	8.17	128	973005	39.78	ng	100
32) Benzoic acid	7.92	122	214828	42.49	ng	98
33) 4-Chloroaniline	8.22	127	224021	21.08	ng	95
34) Hexachlorobutadiene	8.30	225	144298	38.51	ng	99
35) Caprolactam	8.58	113	62590	27.68	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	280808	39.44	ng	96
37) 2-Methylnaphthalene	8.86	142	603598	37.37	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	245166	37.19	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	277971	71.68	ng	98

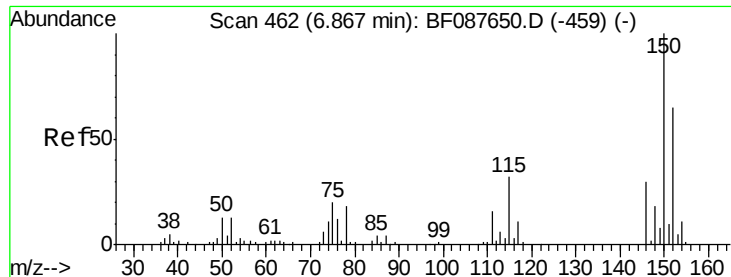
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	188833	37.92	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	194218	41.91	ng #	91
45) 1,1'-Biphenyl	9.32	154	689938	35.54	ng	100
46) 2-Chloronaphthalene	9.35	162	564350	36.52	ng	99
47) 2-Nitroaniline	9.44	65	166953	38.36	ng	99
48) Acenaphthylene	9.77	152	958601	39.77	ng	99
49) Dimethylphthalate	9.63	163	710763	40.87	ng	100
50) 2,6-Dinitrotoluene	9.69	165	175818	44.43	ng	93
51) Acenaphthene	9.94	154	655916	42.30	ng	100
52) 3-Nitroaniline	9.85	138	109003	24.08	ng	96
53) 2,4-Dinitrophenol	9.96	184	160835	89.10	ng #	59
54) Dibenzofuran	10.11	168	878685	41.62	ng	97
55) 4-Nitrophenol	10.01	139	253150	65.44	ng	94
56) 2,4-Dinitrotoluene	10.09	165	224055	44.46	ng #	77
57) Fluorene	10.46	166	622554	37.72	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	165880	41.55	ng #	56
59) Diethylphthalate	10.33	149	649080	37.16	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	265339	39.89	ng	99
61) 4-Nitroaniline	10.47	138	156187	35.89	ng	94
62) Azobenzene	10.60	77	719552	40.93	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	96771	41.54	ng	89
65) n-Nitrosodiphenylamine	10.56	169	564835	40.87	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	180605	43.16	ng	98
67) Hexachlorobenzene	10.99	284	182577	39.02	ng	99
68) Atrazine	11.10	200	184775	45.13	ng	98
69) Pentachlorophenol	11.19	266	221408	79.64	ng	99
70) Phenanthrene	11.40	178	898850	39.29	ng	100
71) Anthracene	11.46	178	942522	41.11	ng	100
72) Carbazole	11.61	167	807472	37.21	ng	99
73) Di-n-butylphthalate	11.95	149	1006307	43.25	ng	100
74) Fluoranthene	12.59	202	915071	40.65	ng	99
76) Benzidine	12.72	184	339156	26.31	ng	99
77) Pyrene	12.82	202	961841	41.33	ng	100
79) Butylbenzylphthalate	13.45	149	455349	45.97	ng	98
80) Benzo(a)anthracene	14.01	228	769098	40.77	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	143498	26.96	ng	99
82) Chrysene	14.05	228	753770	40.15	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	509407	43.22	ng	99
84) Di-n-octyl phthalate	14.62	149	932626	42.56	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	661396	42.62	ng #	100
87) Benzo(b)fluoranthene	15.04	252	756062	41.25	ng	99
88) Benzo(k)fluoranthene	15.04	252	756062	49.58	ng #	95
89) Benzo(a)pyrene	15.38	252	629307	40.84	ng	100
90) Dibenzo(a,h)anthracene	16.86	278	548574	41.84	ng	99
91) Benzo(g,h,i)perylene	17.26	276	555397	41.98	ng	99

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

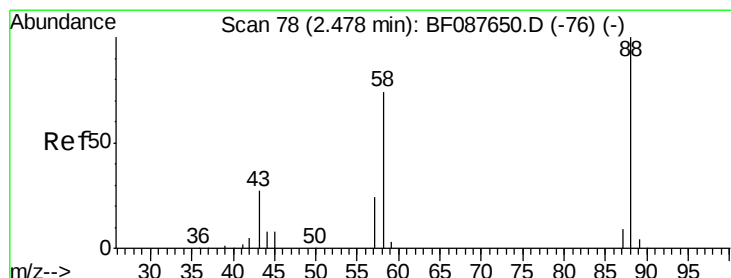
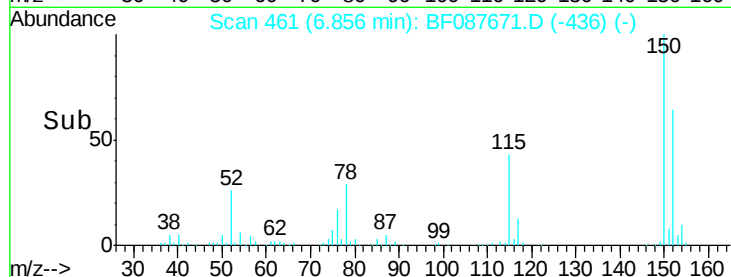
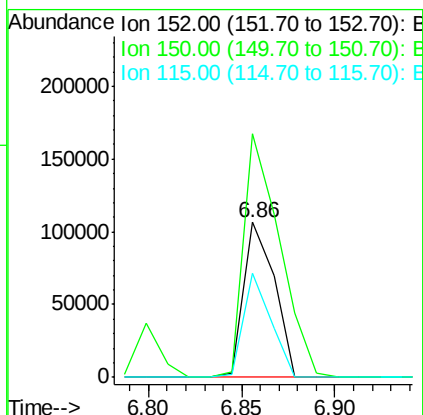
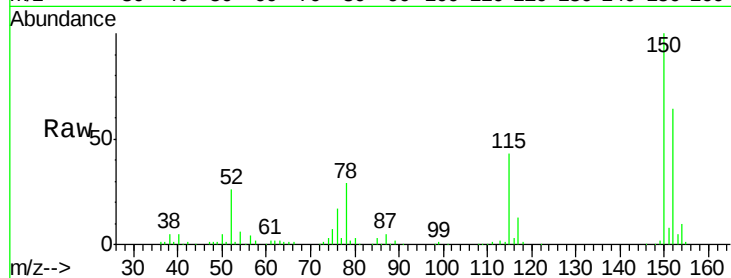


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

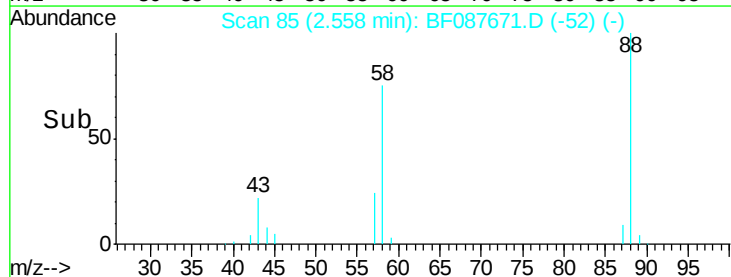
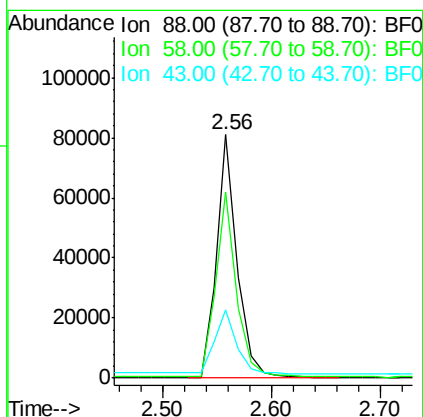
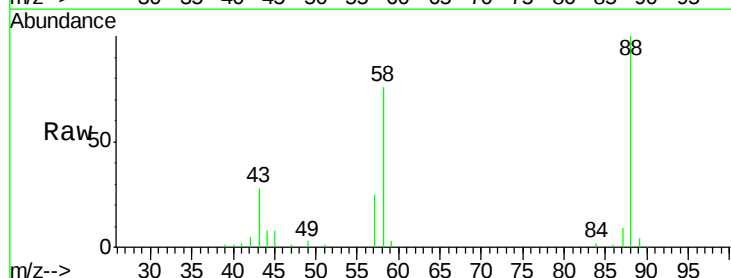
Tgt Ion:152 Resp: 122700
Ion Ratio Lower Upper
152 100
150 157.1 123.8 185.6
115 66.8 39.6 59.4#

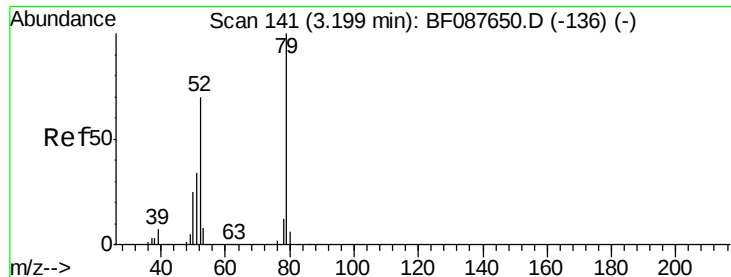


#2

1,4-Dioxane
Concen: 29.13 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion: 88 Resp: 106878
Ion Ratio Lower Upper
88 100
58 76.7 0.0 0.0#
43 28.4 3.4 5.2#





#3

Pyridine

Concen: 34.29 ng

RT: 3.27 min Scan# 147

Delta R.T. 0.07 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

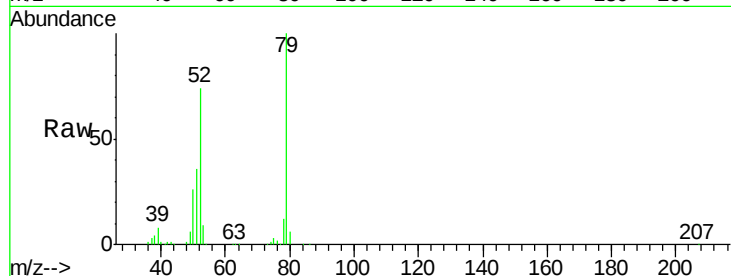
Tgt Ion: 79 Resp: 332370

Ion Ratio Lower Upper

79 100

52 73.8 56.3 84.5

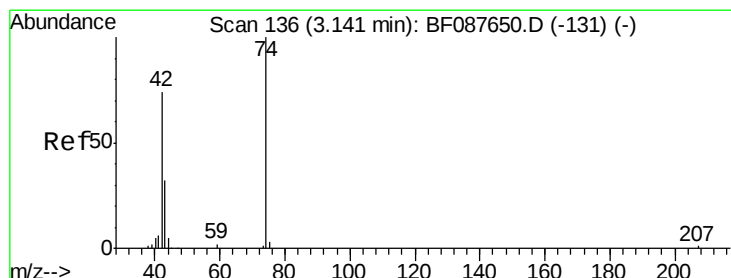
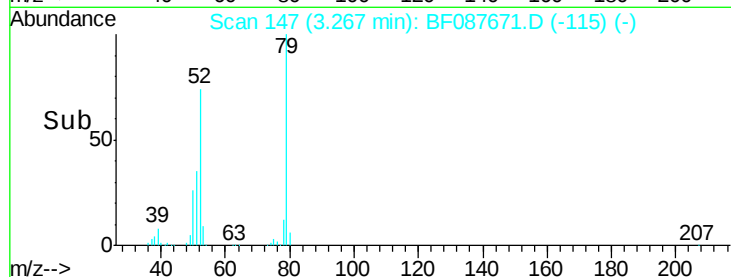
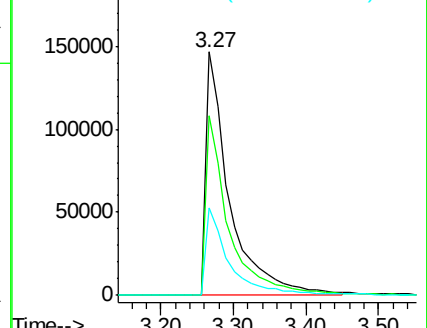
51 35.7 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 36.11 ng

RT: 3.22 min Scan# 143

Delta R.T. 0.08 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

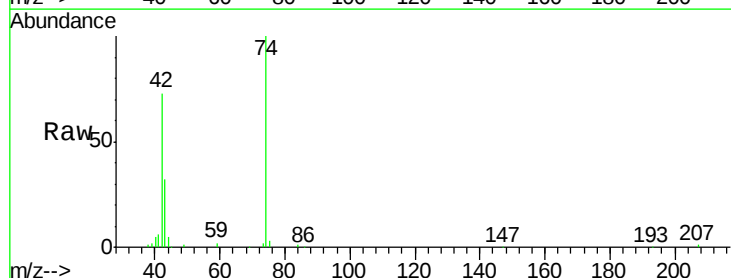
Tgt Ion: 42 Resp: 147856

Ion Ratio Lower Upper

42 100

74 137.3 108.6 163.0

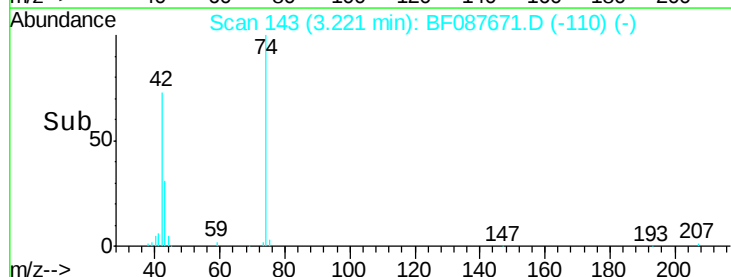
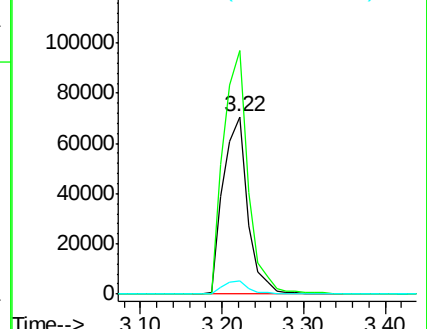
44 7.3 5.5 8.3

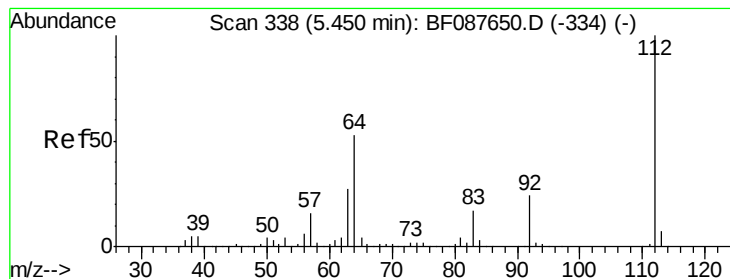


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.85 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

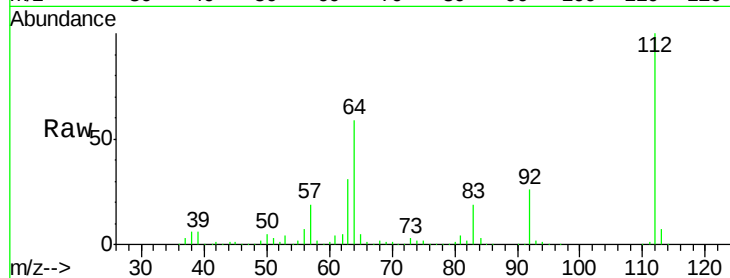
Tgt Ion: 112 Resp: 750440

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

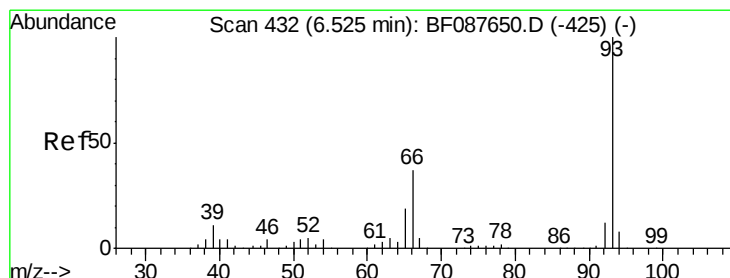
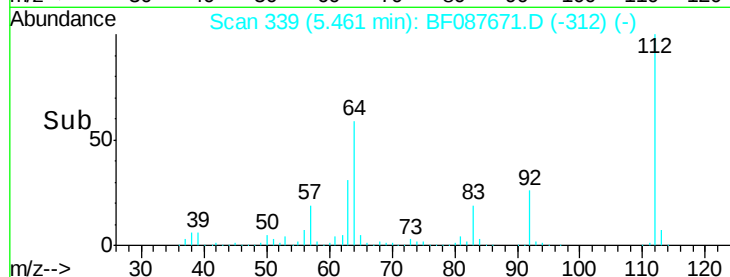
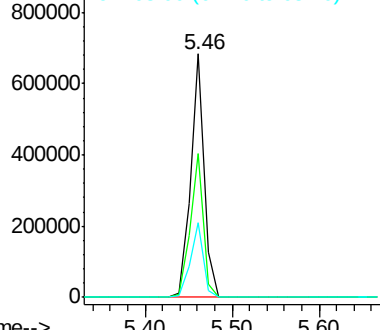
63 30.6 21.8 32.8



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: 26.23 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

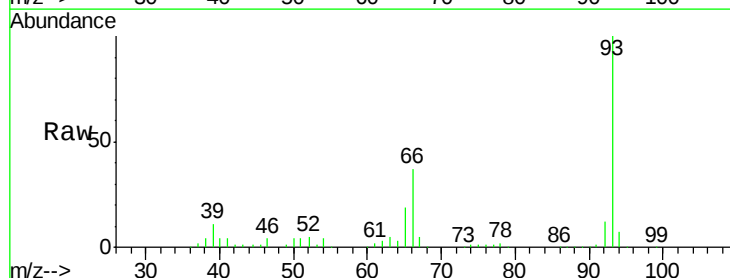
Tgt Ion: 93 Resp: 353995

Ion Ratio Lower Upper

93 100

66 37.0 29.8 44.8

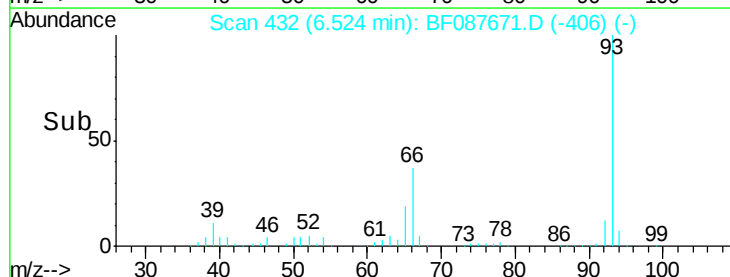
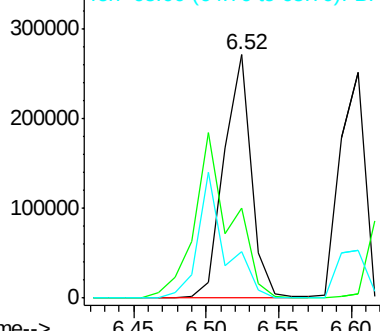
65 19.0 14.9 22.3

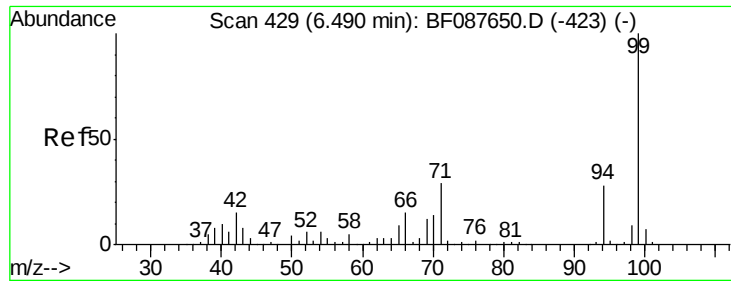


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.43 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

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ClientSampleId :

PB91024BS

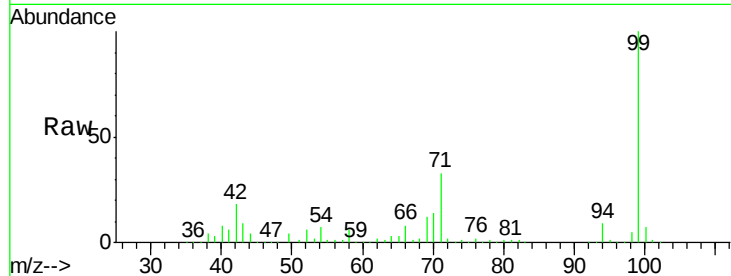
Tgt Ion: 99 Resp: 994205

Ion Ratio Lower Upper

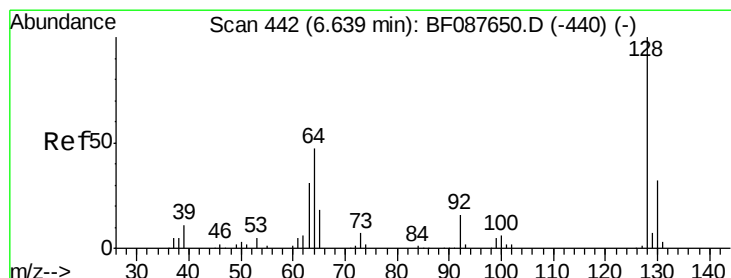
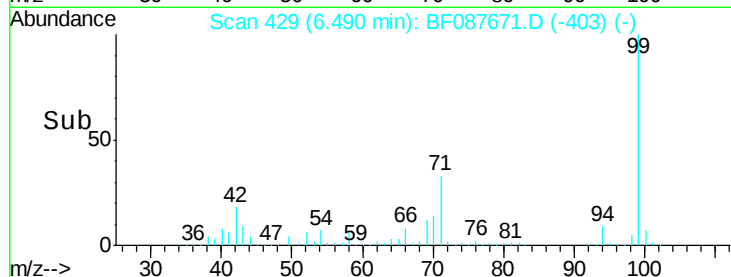
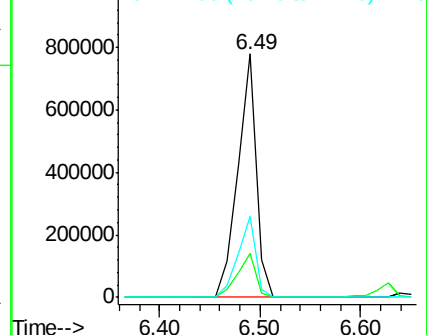
99 100

42 18.0 12.2 18.2

71 33.2 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.88 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

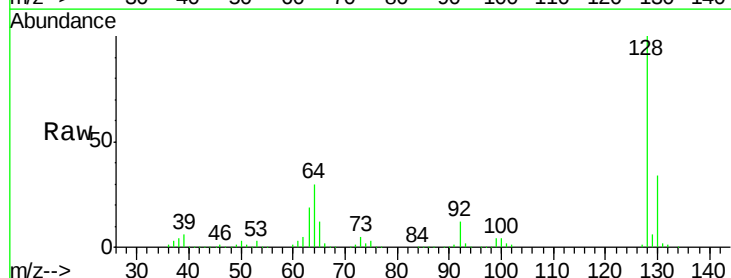
Tgt Ion: 128 Resp: 330903

Ion Ratio Lower Upper

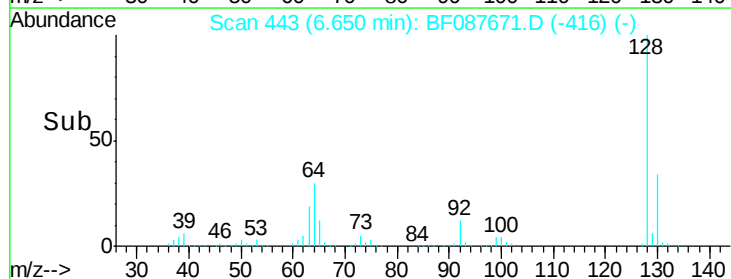
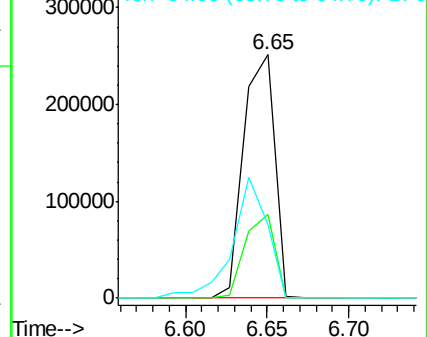
128 100

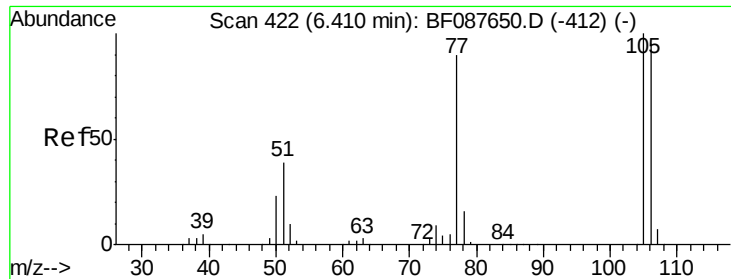
130 34.1 12.0 52.0

64 30.2 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: 3.68 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

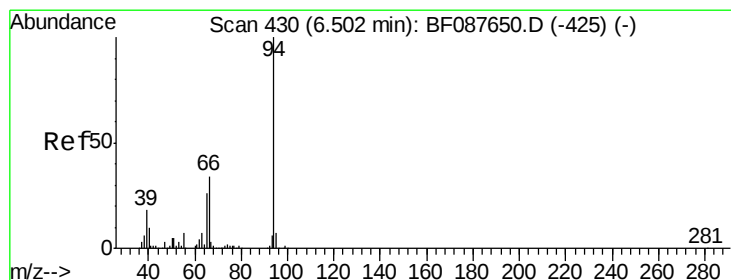
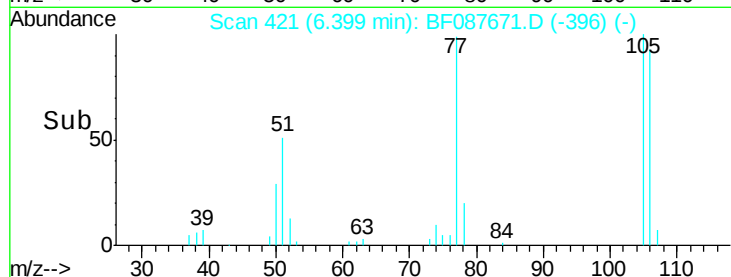
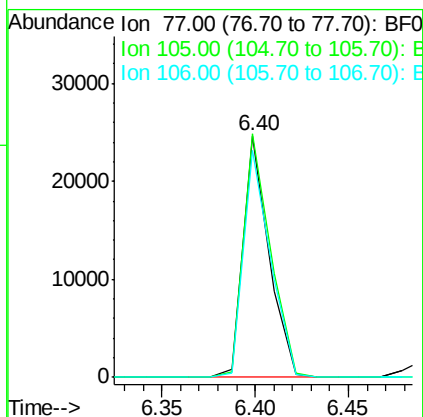
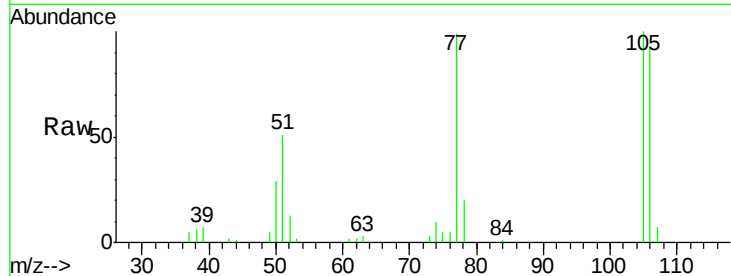
Tgt Ion: 77 Resp: 23685

Ion Ratio Lower Upper

77 100

105 100.9 90.6 130.6

106 94.1 85.3 125.3



#10

Phenol

Concen: 38.16 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

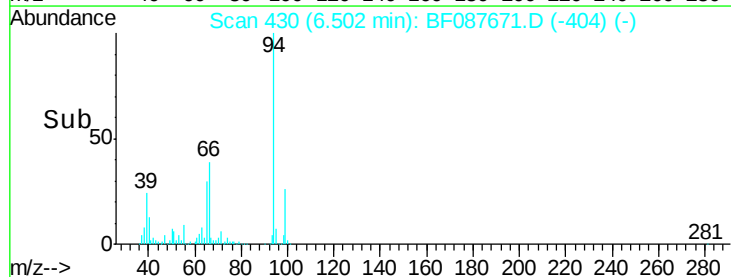
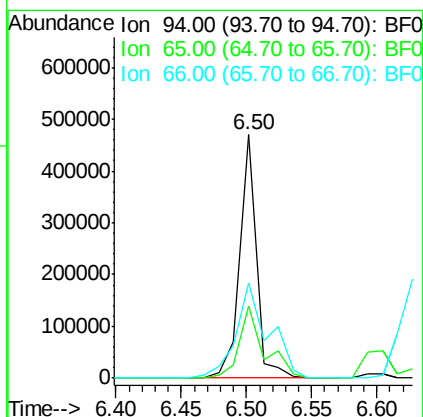
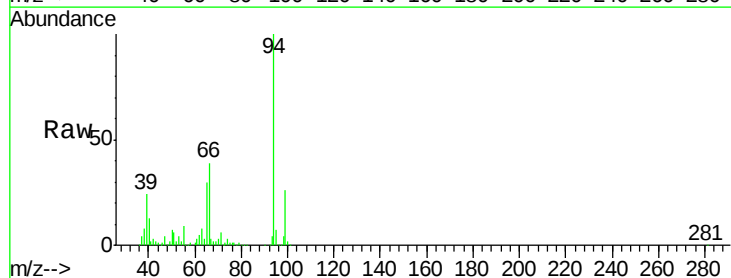
Tgt Ion: 94 Resp: 413736

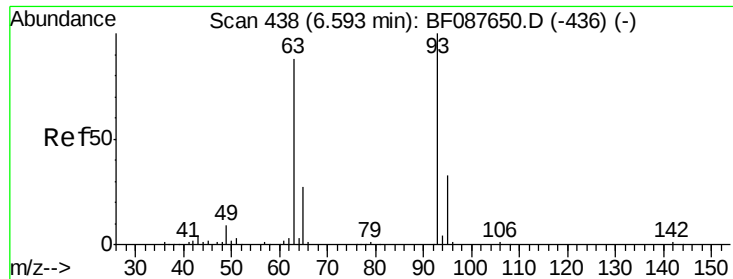
Ion Ratio Lower Upper

94 100

65 29.9 5.9 45.9

66 39.1 14.0 54.0





#11

bis(2-Chloroethyl)ether

Concen: 38.04 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

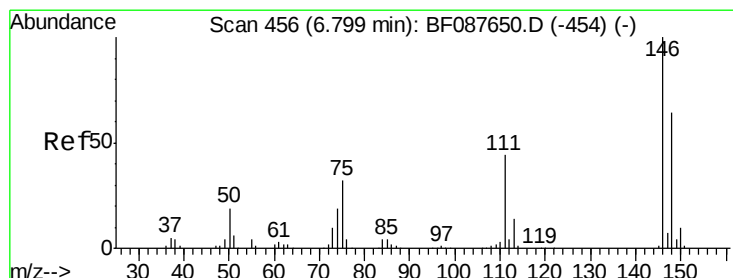
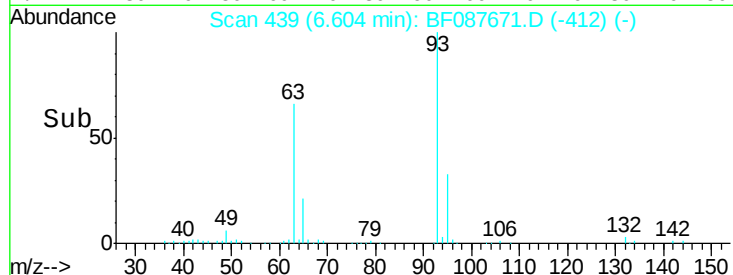
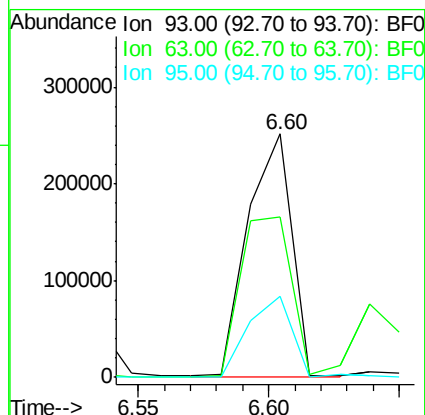
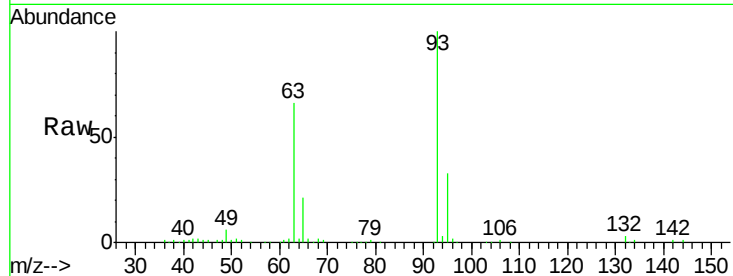
Tgt Ion: 93 Resp: 299666

Ion Ratio Lower Upper

93 100

63 65.7 67.6 107.6#

95 33.4 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 34.45 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

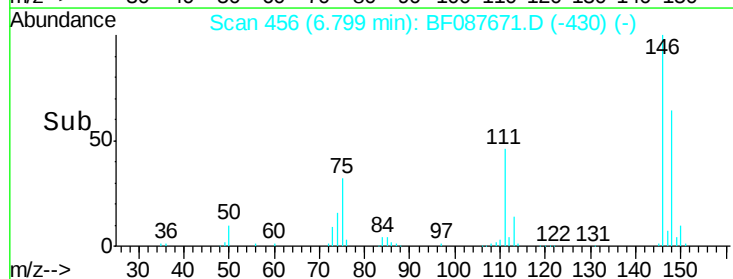
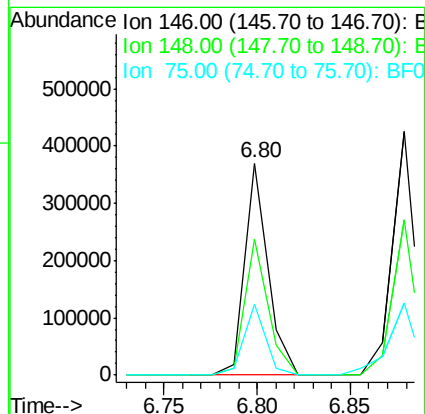
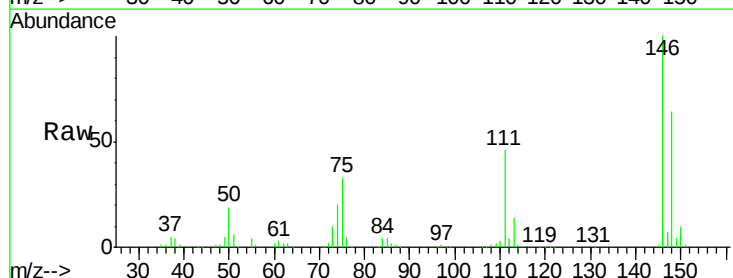
Tgt Ion: 146 Resp: 322208

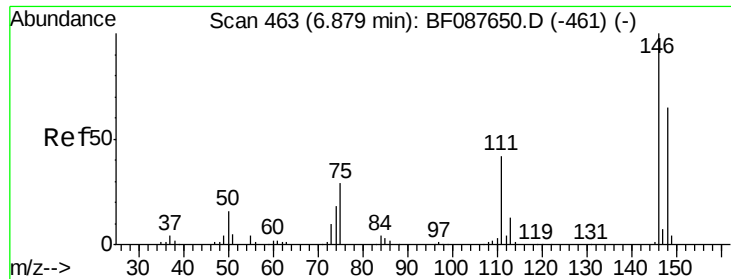
Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

75 33.2 25.6 38.4

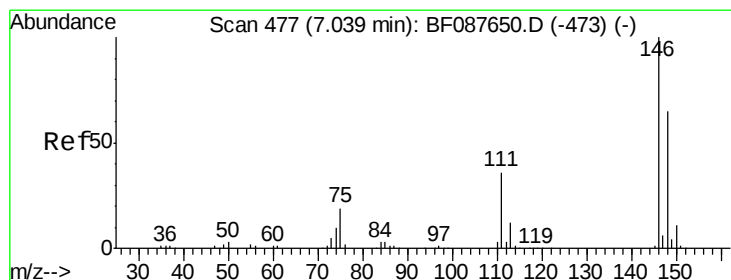
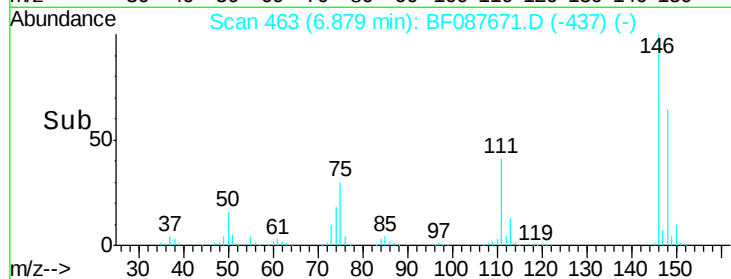
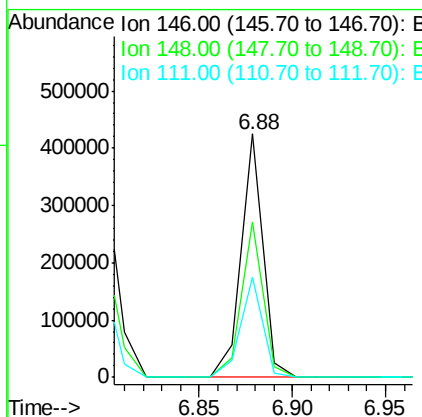
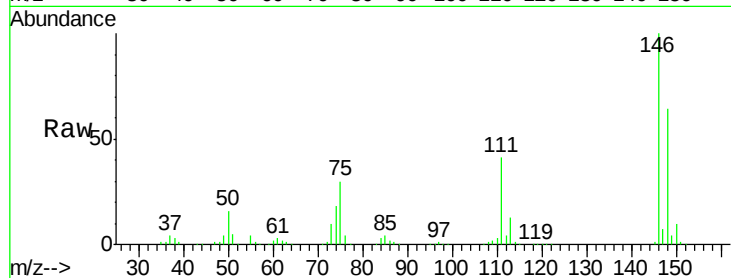




#13
 1,4-Dichlorobenzene
 Concen: 37.09 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

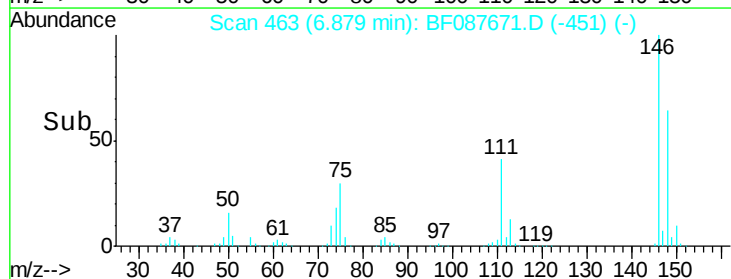
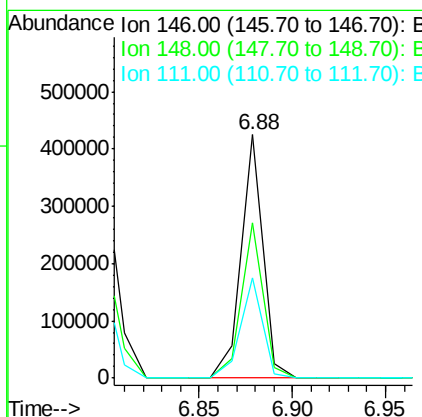
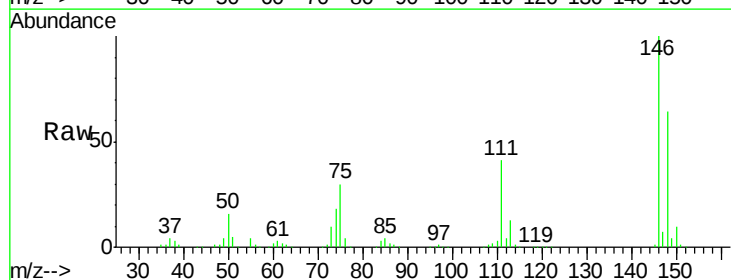
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

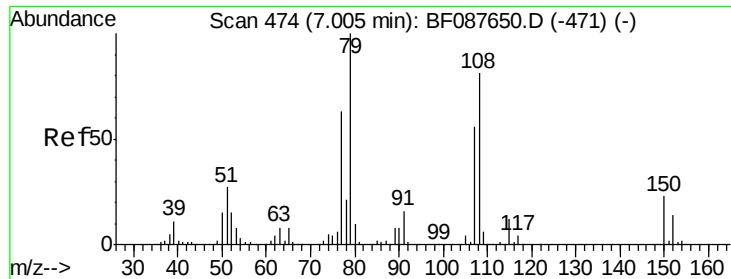
Tgt Ion:146 Resp: 348131
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.0 78.0
 111 41.1 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 39.57 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:146 Resp: 348131
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 41.1 28.7 43.1





#15

Benzyl Alcohol

Concen: 35.03 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

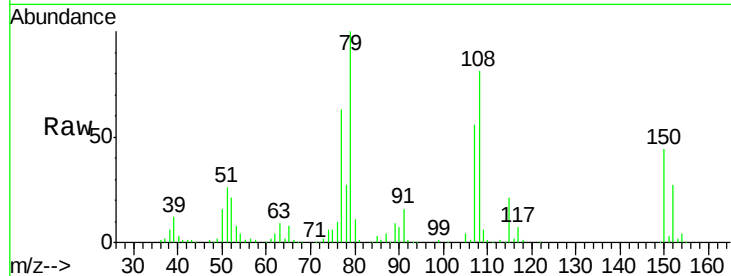
Tgt Ion: 79 Resp: 246372

Ion Ratio Lower Upper

79 100

108 81.0 65.0 97.6

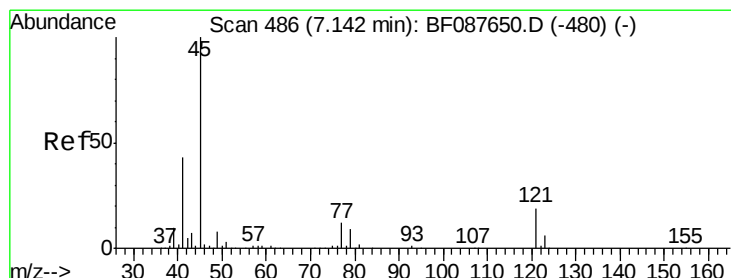
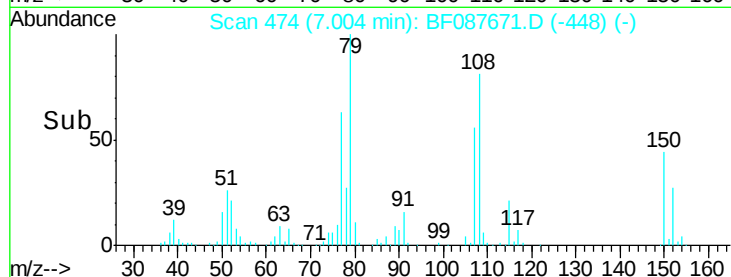
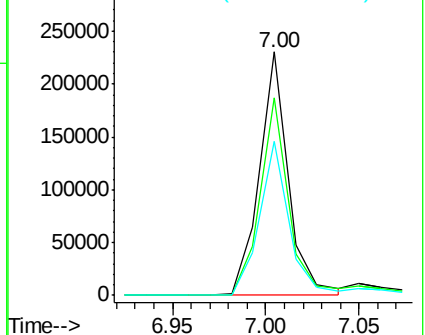
77 63.3 50.3 75.5



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: 36.57 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

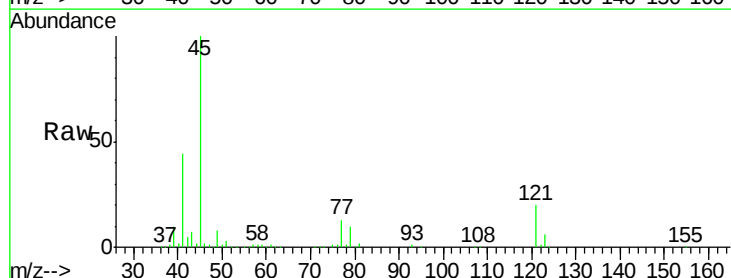
Tgt Ion: 45 Resp: 420030

Ion Ratio Lower Upper

45 100

77 13.3 0.0 32.5

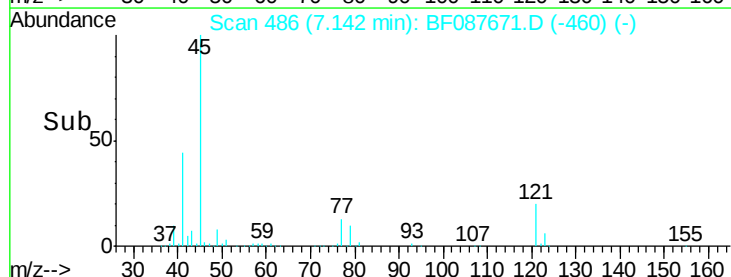
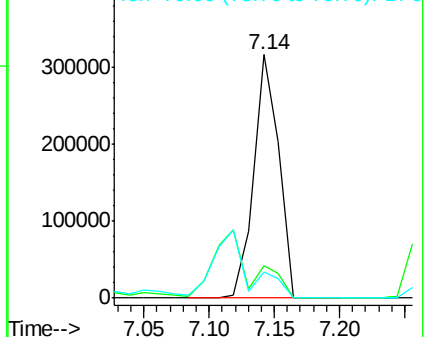
79 10.5 0.0 29.5

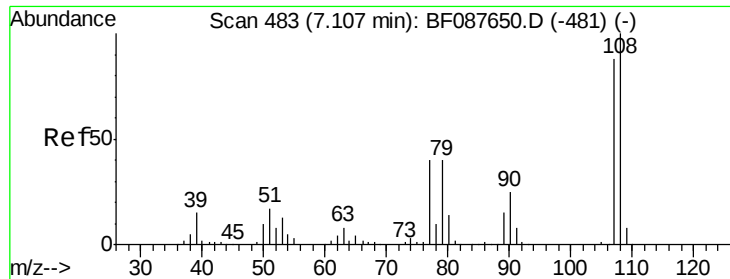


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

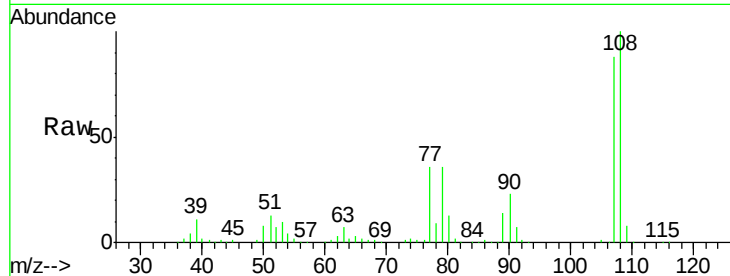




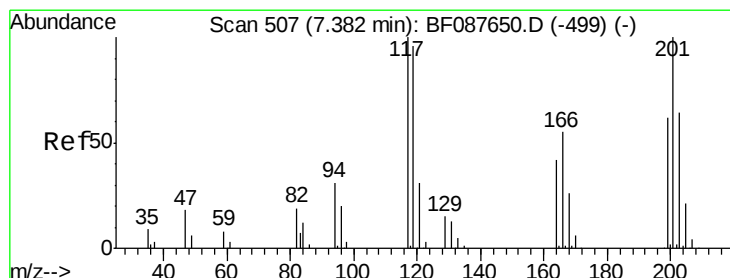
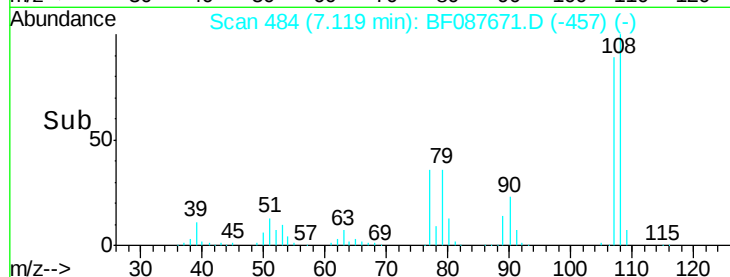
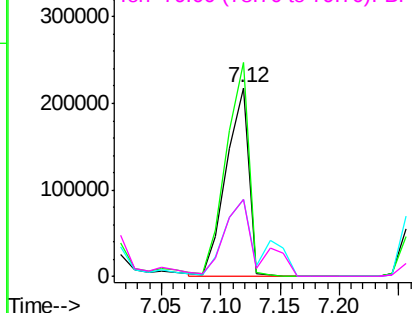
#17
2-Methylphenol
Concen: 41.07 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion:107 Resp: 288033
Ion Ratio Lower Upper
107 100
108 113.1 90.9 136.3
77 40.6 36.6 55.0
79 40.4 36.5 54.7

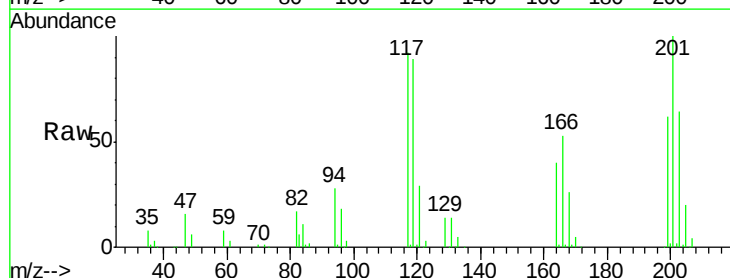


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

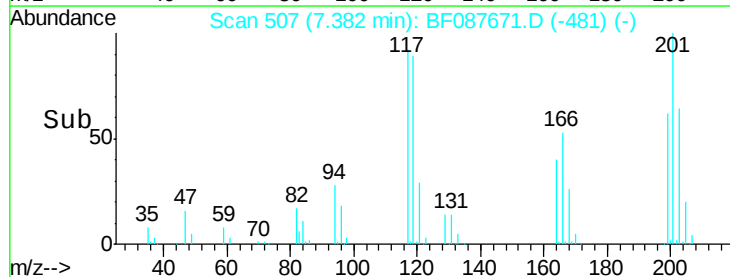
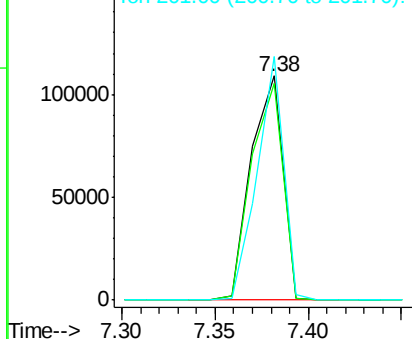


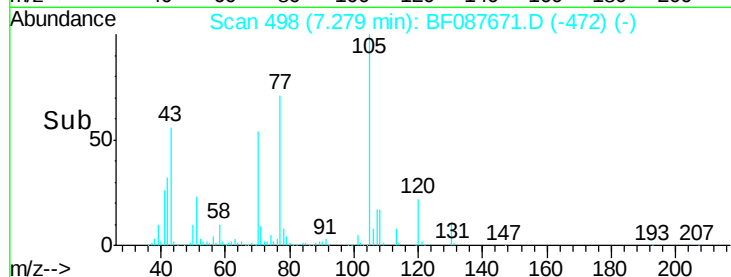
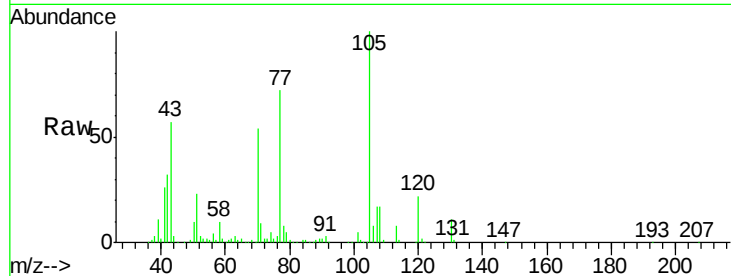
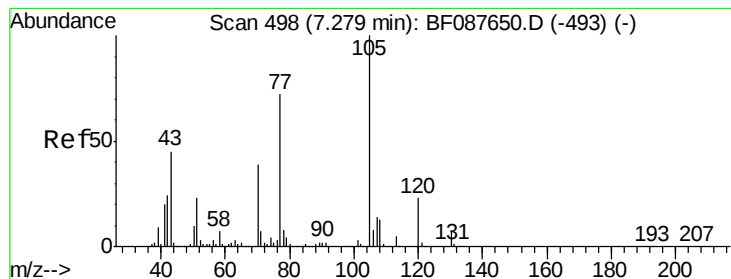
#18
Hexachloroethane
Concen: 39.10 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:117 Resp: 128304
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.2
201 108.7 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: 35.46 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tgt Ion: 70 Resp: 210863

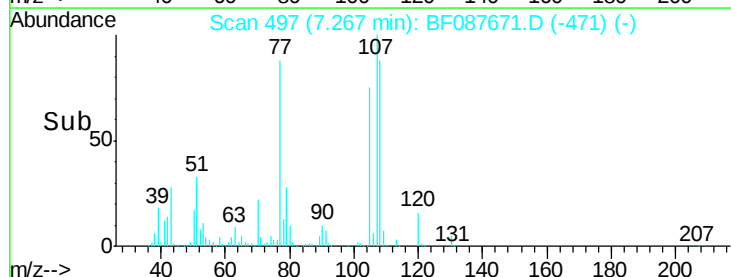
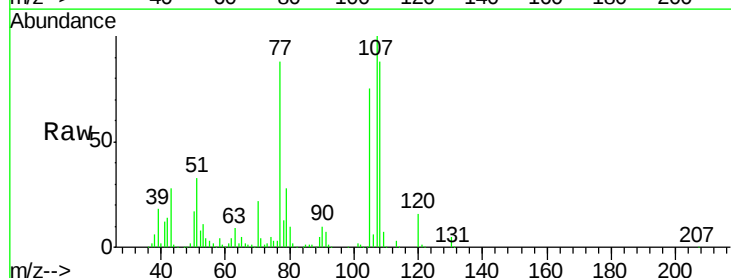
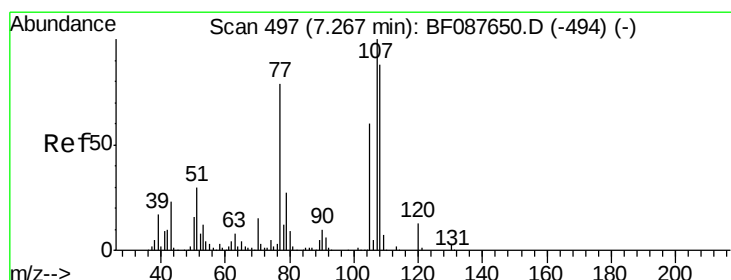
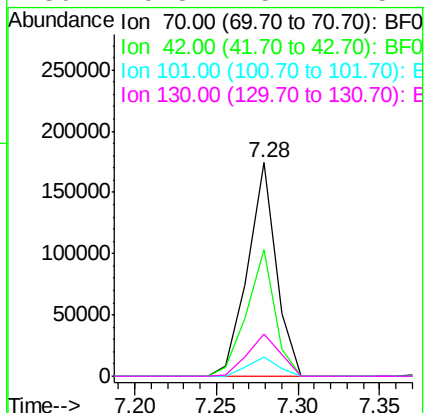
Ion Ratio Lower Upper

70 100

42 59.4 49.6 74.4

101 8.8 7.1 10.7

130 19.8 15.4 23.2



#20

3+4-Methylphenols

Concen: 36.69 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:107 Resp: 315335

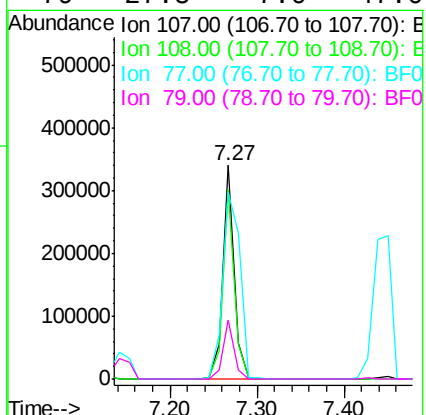
Ion Ratio Lower Upper

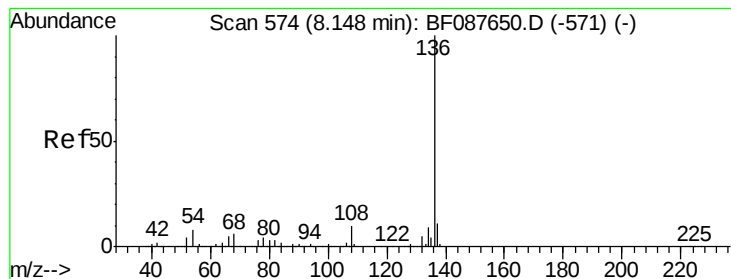
107 100

108 88.5 67.8 107.8

77 87.6 59.3 99.3

79 27.5 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tgt Ion:136 Resp: 503106

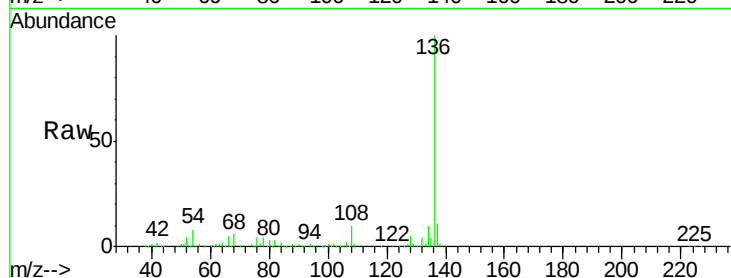
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.9 6.6 10.0

68 6.2 5.1 7.7

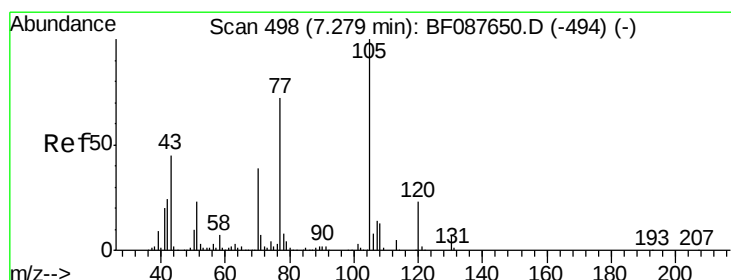
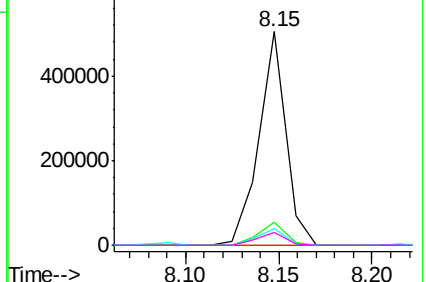
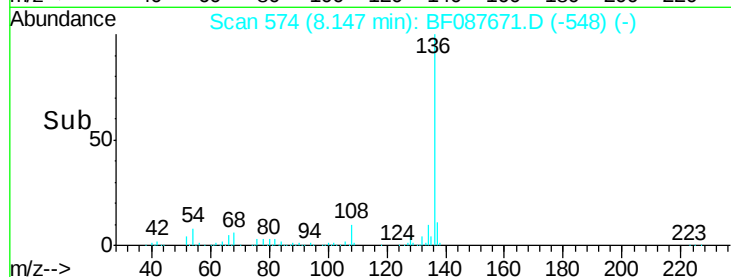


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.82 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:105 Resp: 442375

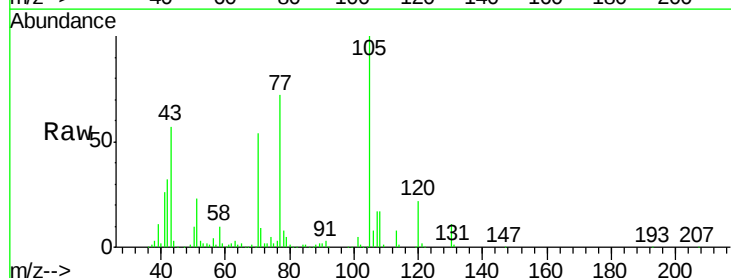
Ion Ratio Lower Upper

105 100

71 8.9 5.3 7.9#

51 23.0 18.2 27.4

120 22.5 18.0 27.0

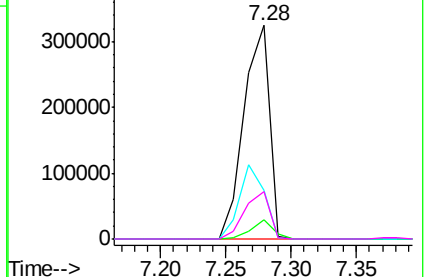
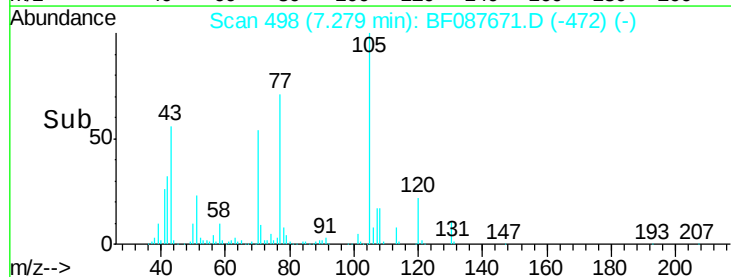


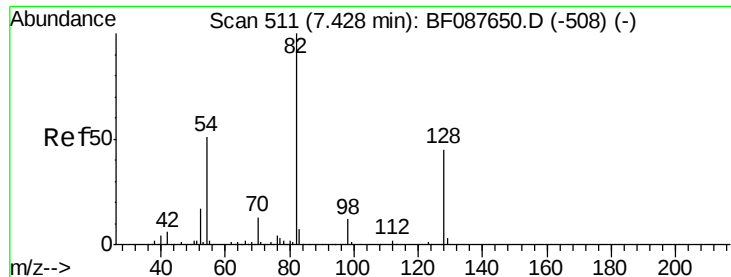
Abundance Ion 105.00 (104.70 to 105.70): E

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

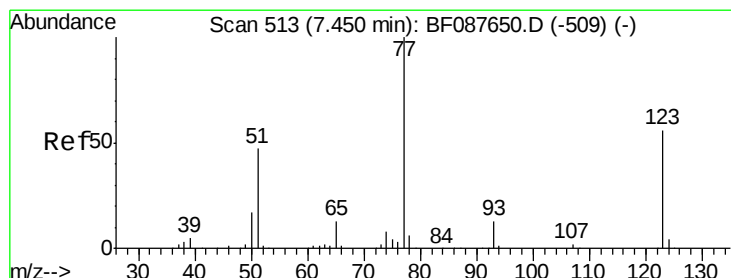
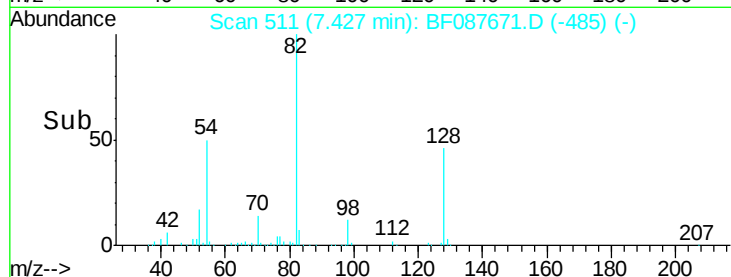
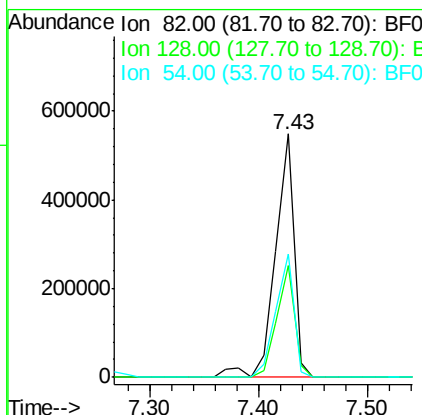
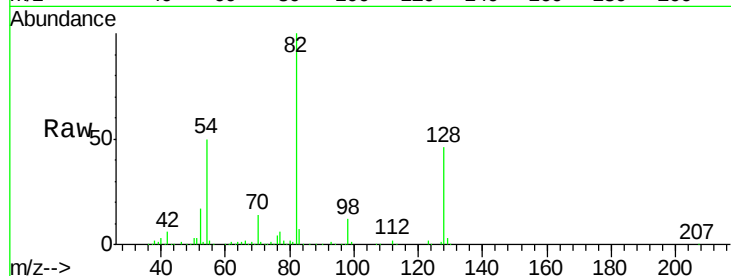




#23
 Nitrobenzene-d5
 Concen: 75.44 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

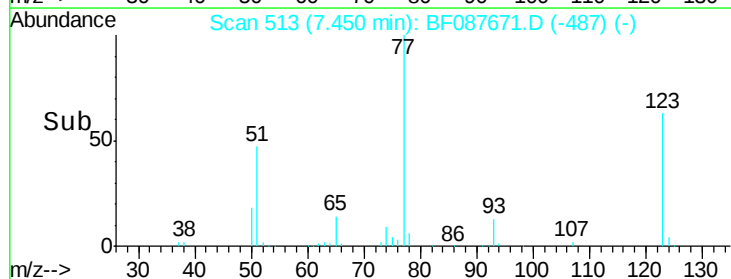
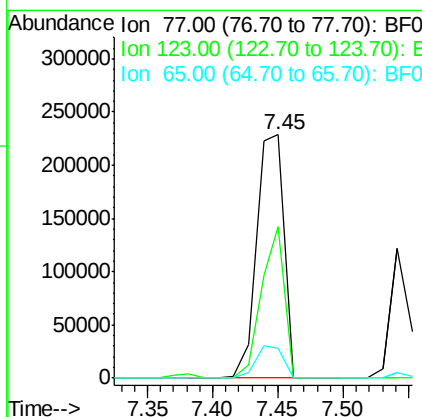
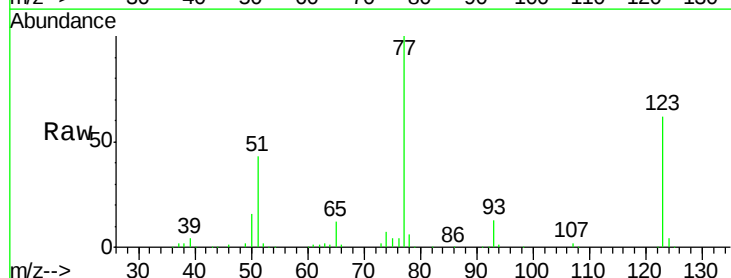
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

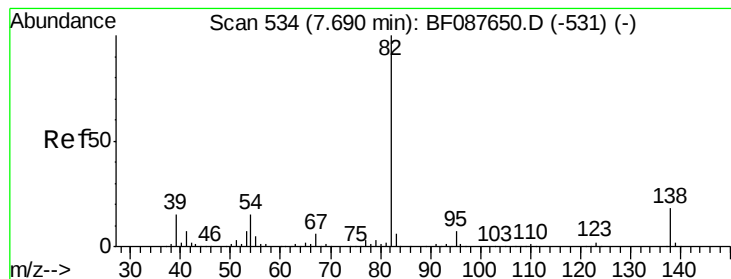
Tgt Ion: 82 Resp: 655993
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.9 53.9
 54 50.4 40.9 61.3



#24
 Nitrobenzene
 Concen: 38.30 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion: 77 Resp: 333326
 Ion Ratio Lower Upper
 77 100
 123 62.2 45.0 67.4
 65 12.2 10.2 15.2





#25

Isophorone

Concen: 38.94 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

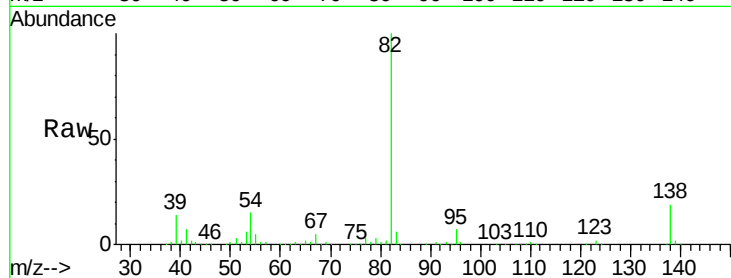
Tgt Ion: 82 Resp: 616381

Ion Ratio Lower Upper

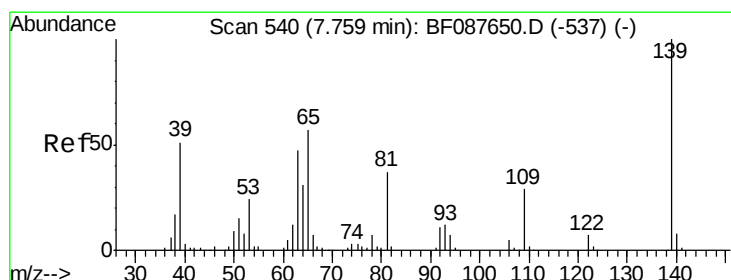
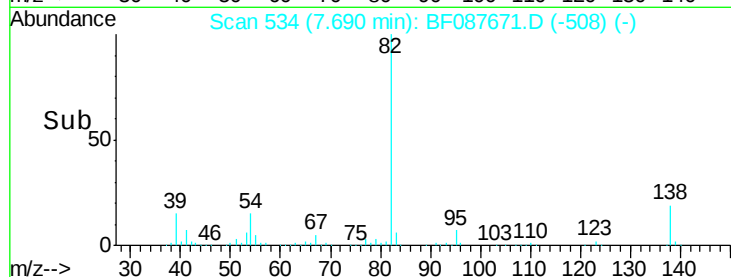
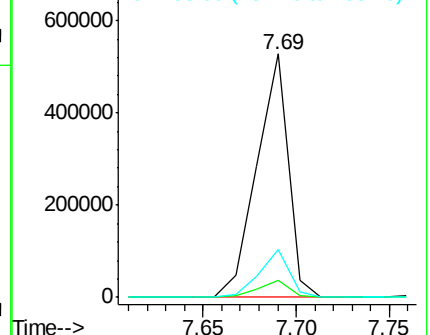
82 100

95 7.1 5.4 8.2

138 19.4 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: 38.81 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

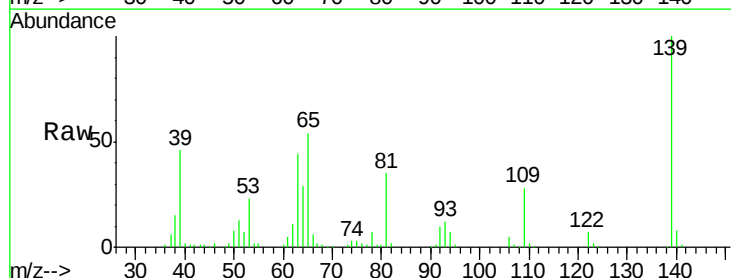
Tgt Ion: 139 Resp: 156957

Ion Ratio Lower Upper

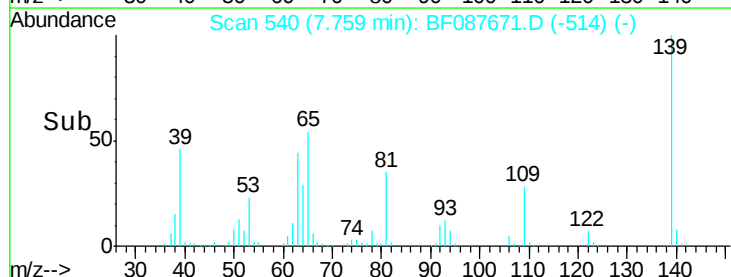
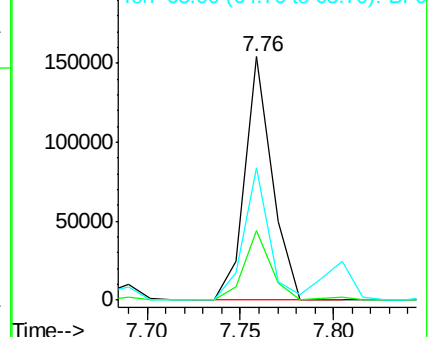
139 100

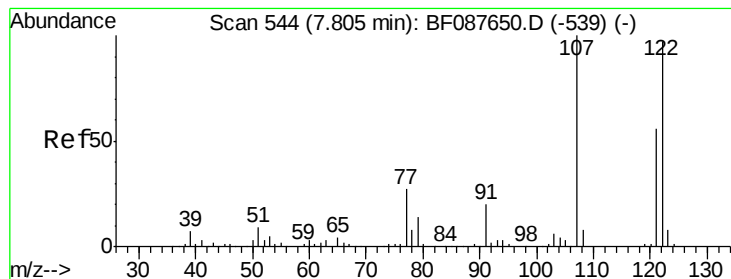
109 28.3 23.0 34.4

65 54.1 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 40.90 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

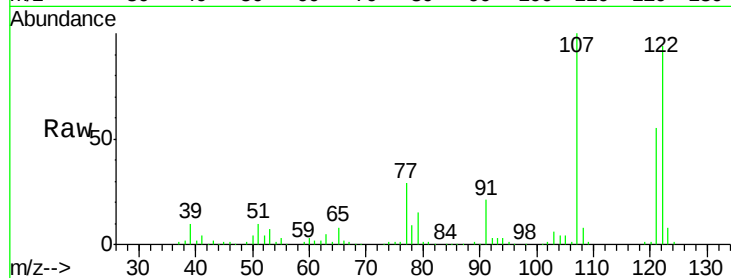
Tgt Ion: 122 Resp: 342754

Ion Ratio Lower Upper

122 100

107 106.1 82.4 123.6

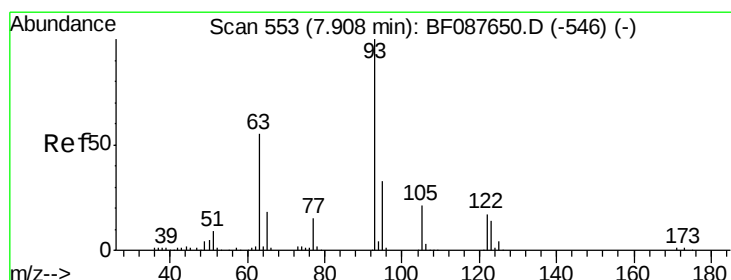
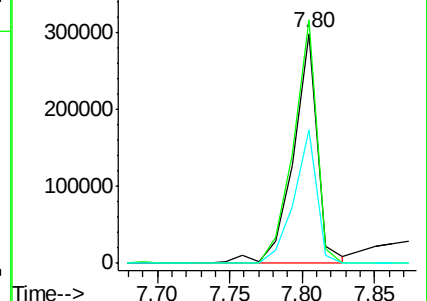
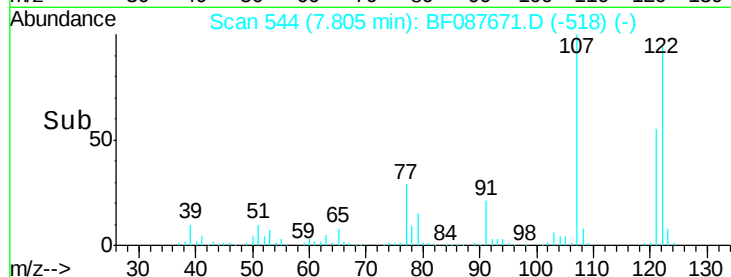
121 58.4 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.77 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

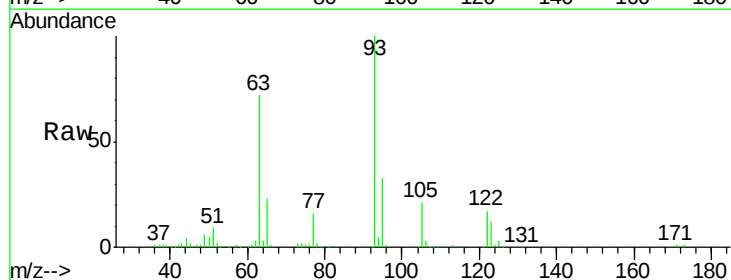
Tgt Ion: 93 Resp: 369251

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

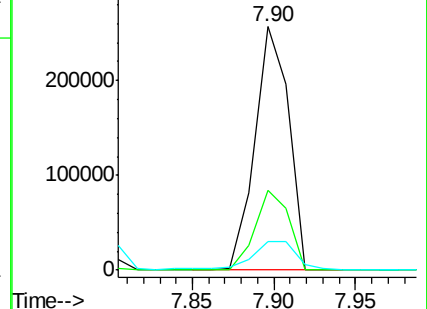
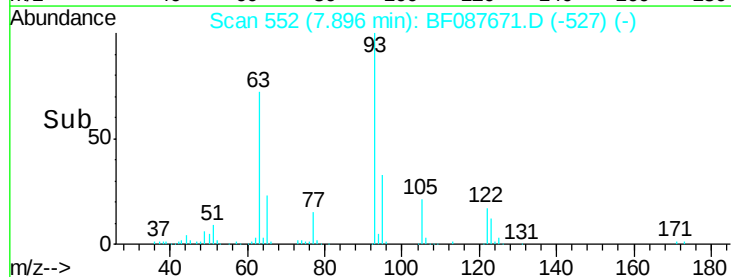
123 11.9 11.6 17.4

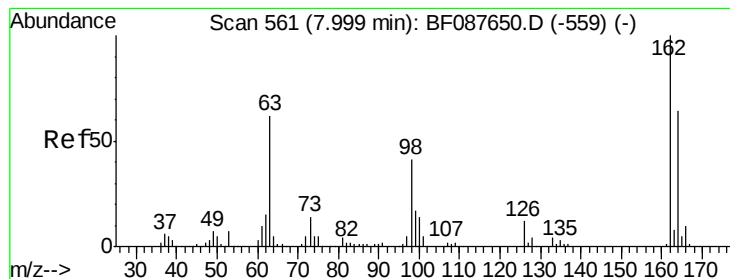


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.12 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

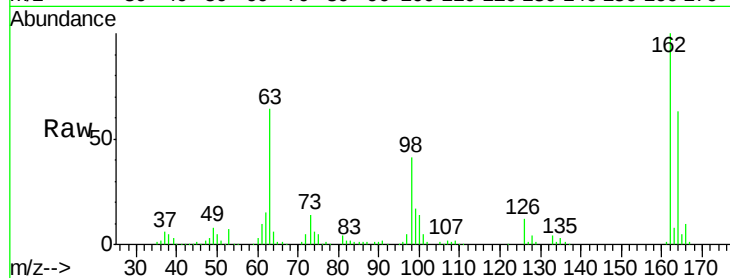
Tgt Ion:162 Resp: 262343

Ion Ratio Lower Upper

162 100

164 63.5 43.8 83.8

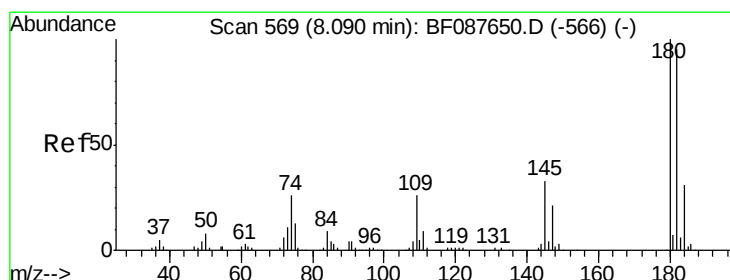
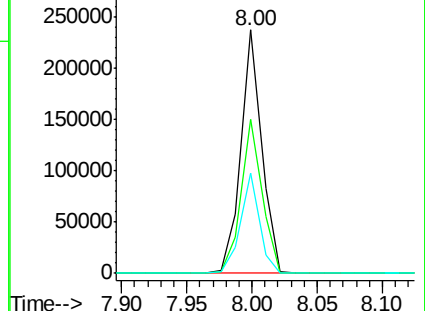
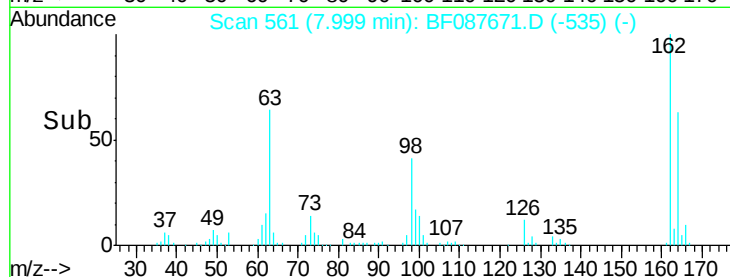
98 41.4 21.3 61.3



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: 39.77 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

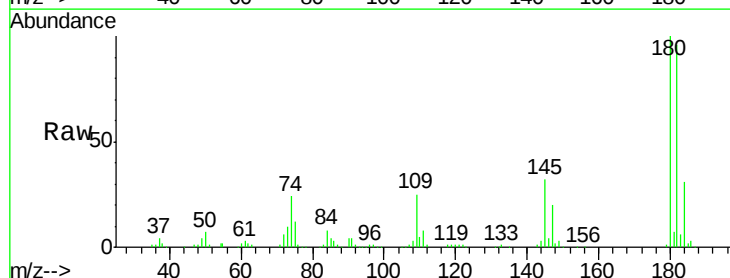
Tgt Ion:180 Resp: 286657

Ion Ratio Lower Upper

180 100

182 96.3 76.0 114.0

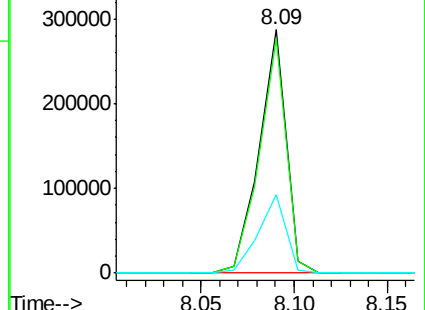
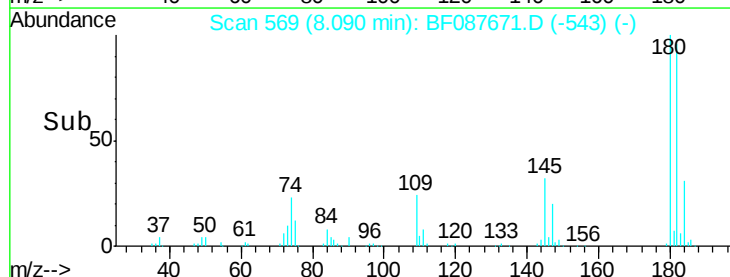
145 32.1 26.5 39.7

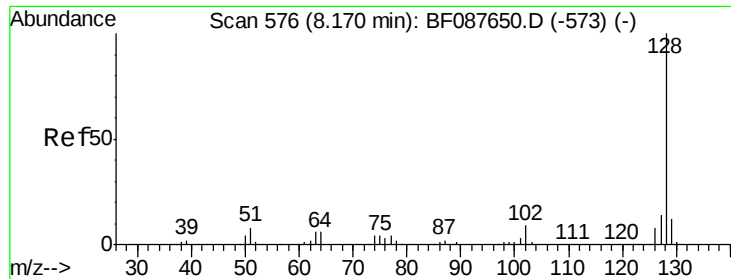


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

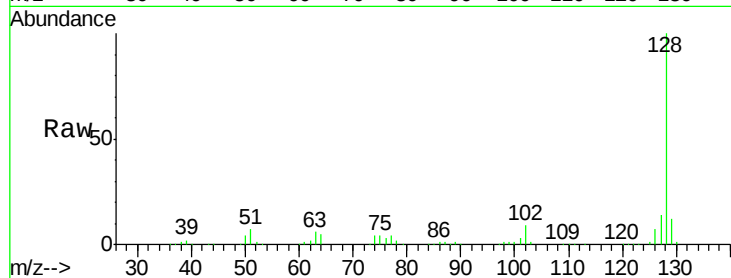




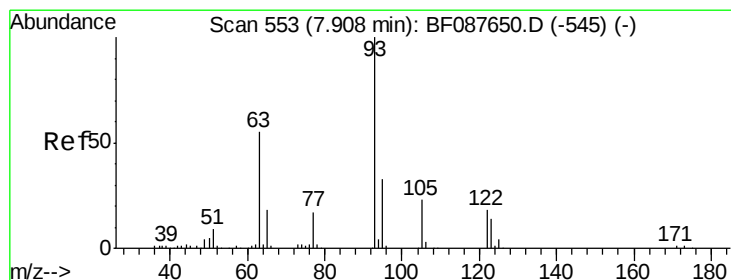
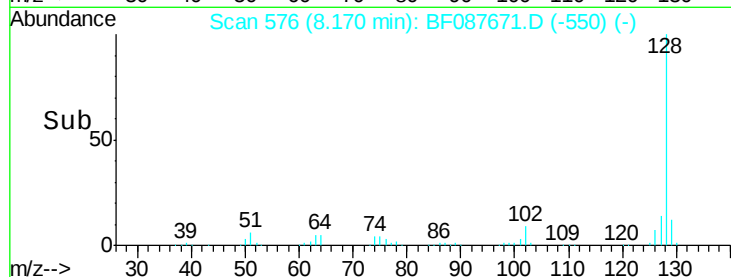
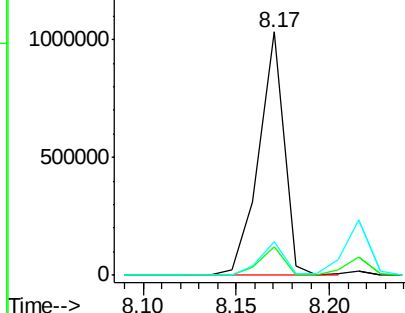
#31
Naphthalene
Concen: 39.78 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion:128 Resp: 973005
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.6 10.9 16.3

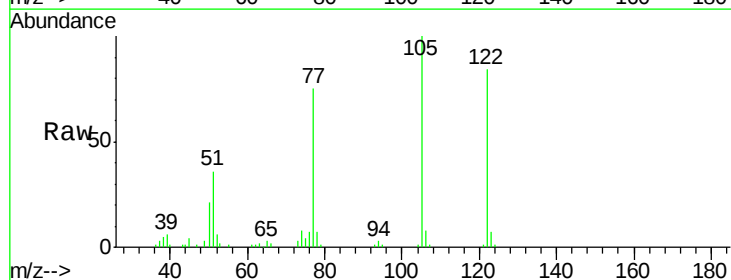


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

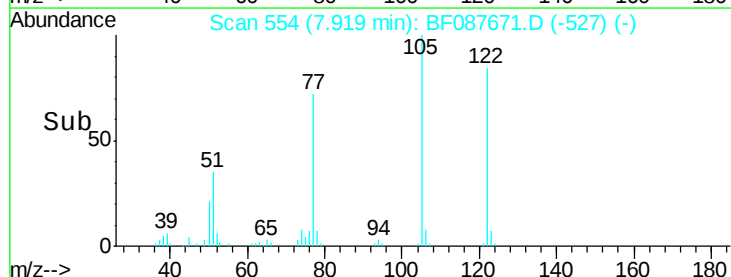
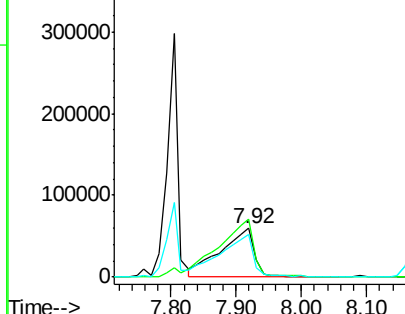


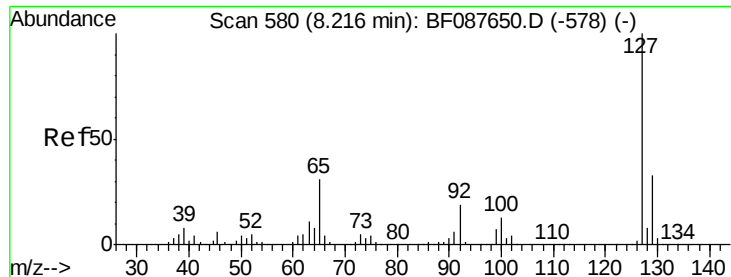
#32
Benzoic acid
Concen: 42.49 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:122 Resp: 214828
Ion Ratio Lower Upper
122 100
105 119.3 101.6 141.6
77 88.9 70.6 110.6



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

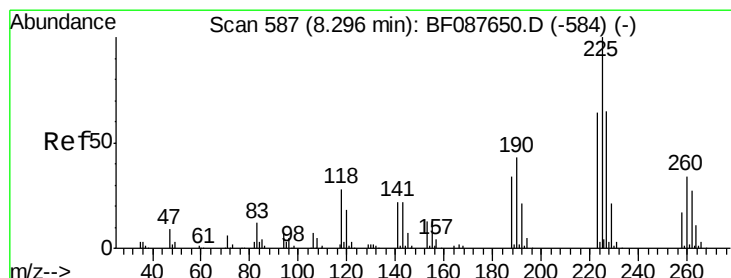
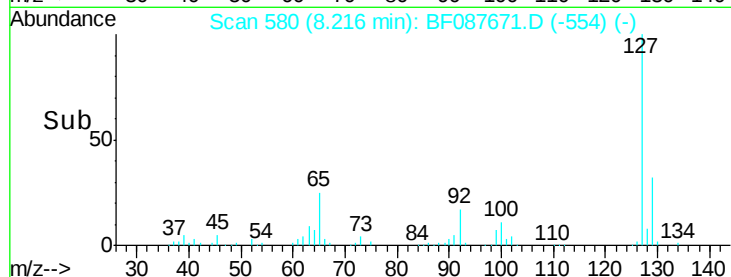
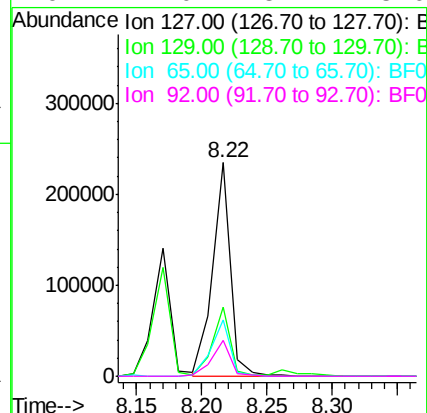
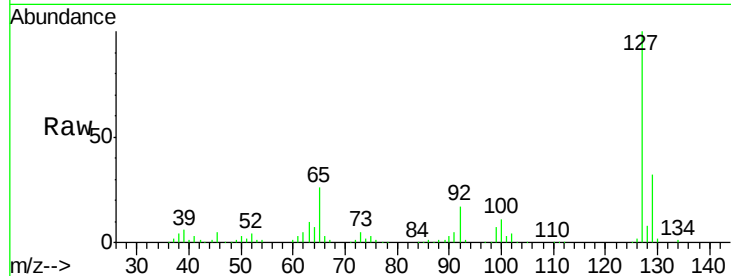




#33
4-Chloroaniline
Concen: 21.08 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

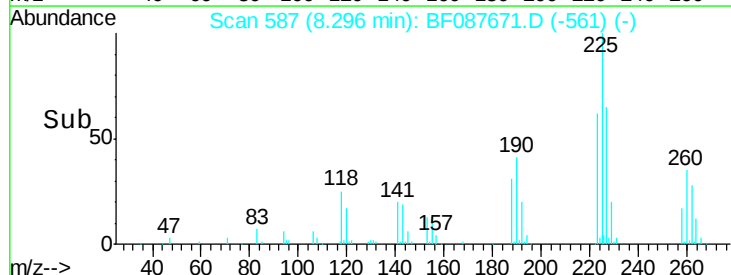
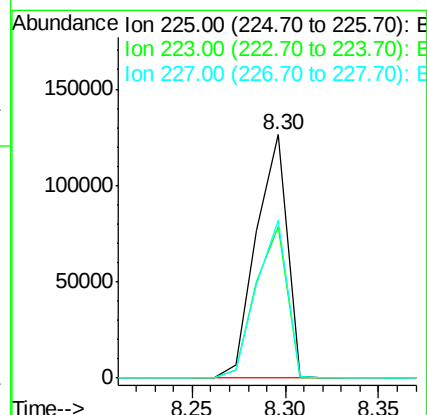
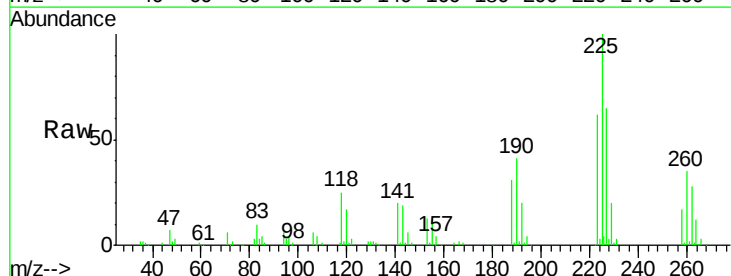
Instrument :
BNA_F
ClientSampleId :
PB91024BS

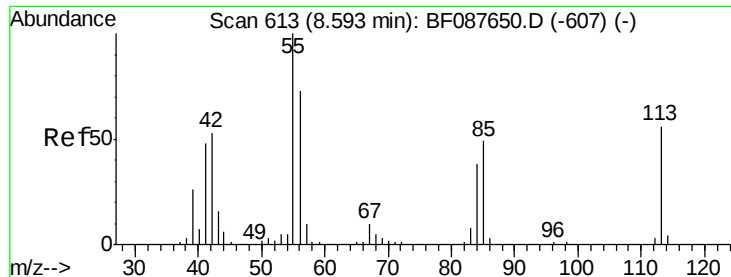
Tgt Ion:	127	Resp:	224021
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	26.4	24.7	37.1
92	17.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.51 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:	225	Resp:	144298
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	64.7	51.9	77.9





#35

Caprolactam

Concen: 27.68 ng

RT: 8.58 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

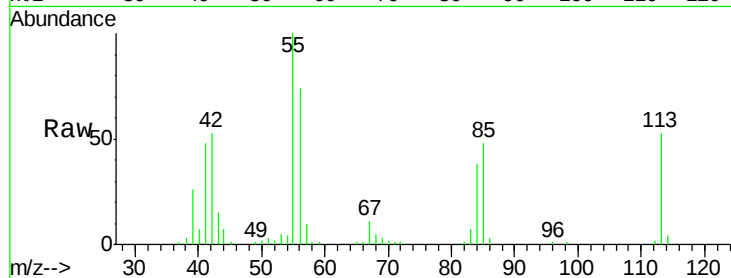
Tgt Ion:113 Resp: 62590

Ion Ratio Lower Upper

113 100

55 188.4 158.6 198.6

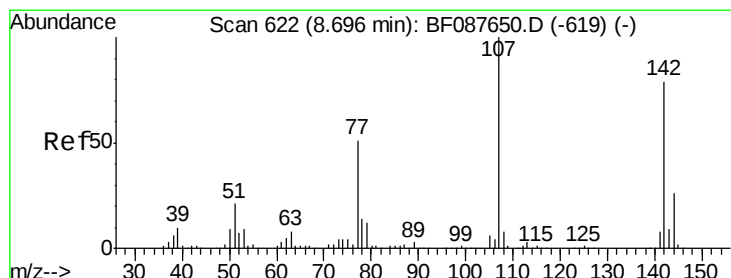
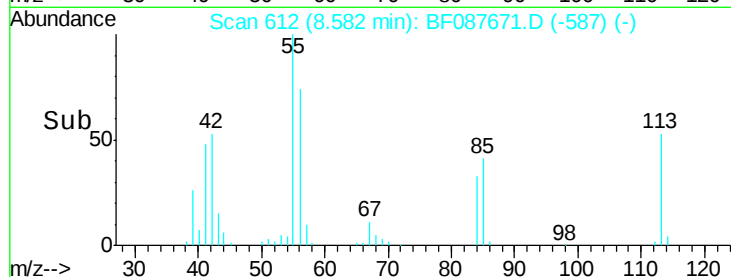
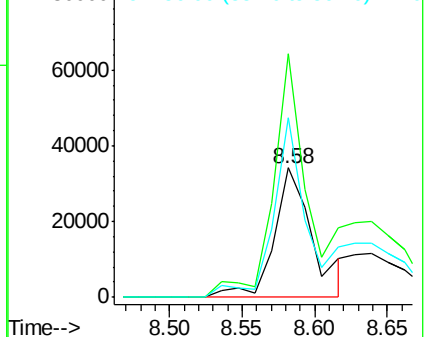
56 138.8 110.6 150.6



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: 39.44 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

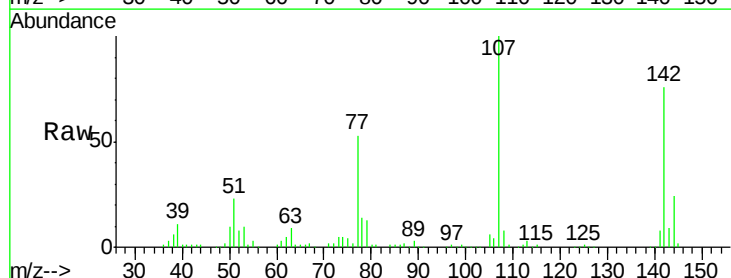
Tgt Ion:107 Resp: 280808

Ion Ratio Lower Upper

107 100

144 24.5 20.8 31.2

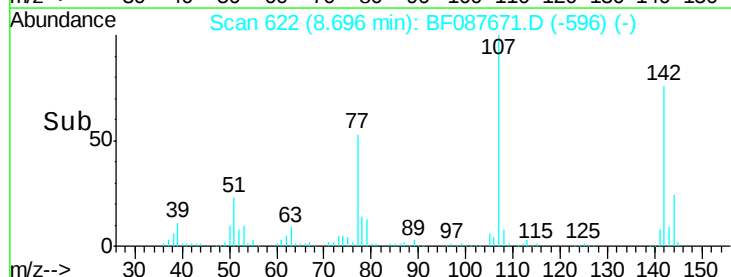
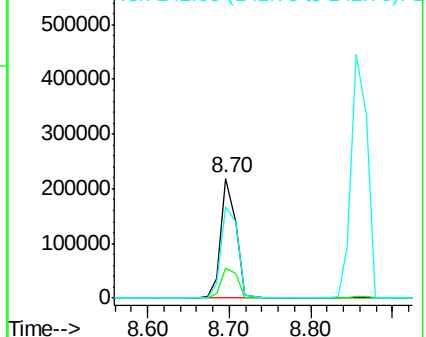
142 76.0 63.4 95.2

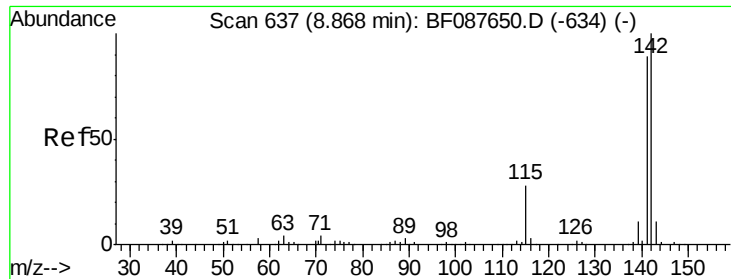


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

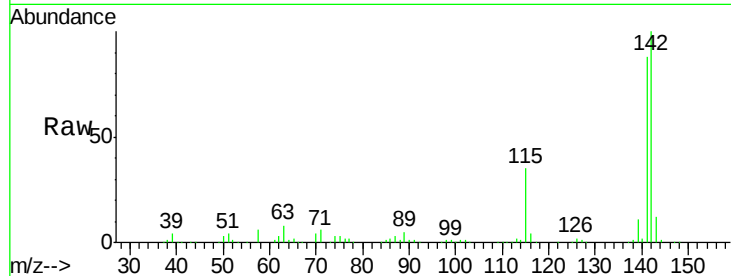




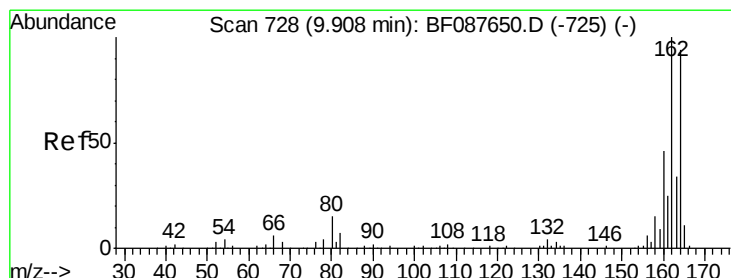
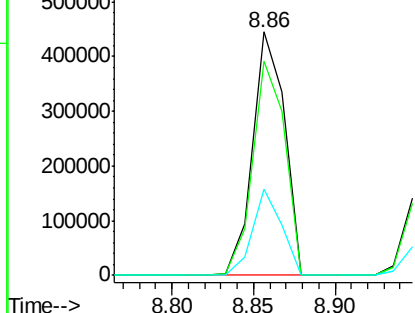
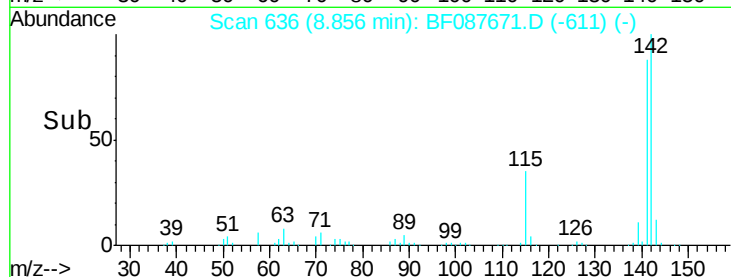
#37
 2-Methylnaphthalene
 Concen: 37.37 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:142 Resp: 603598
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 35.1 22.6 33.8#

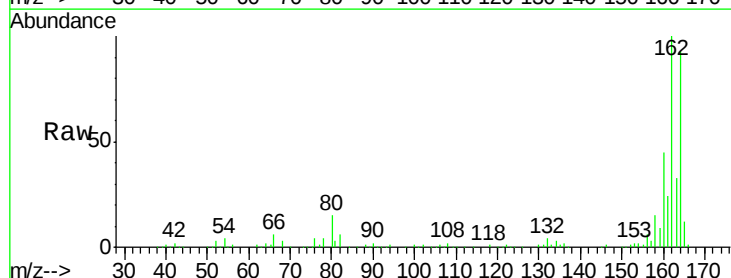


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

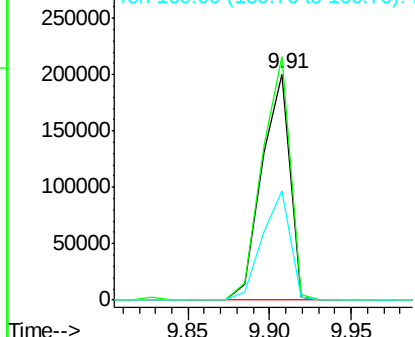
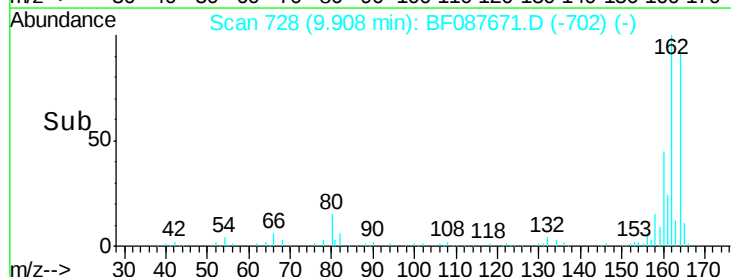


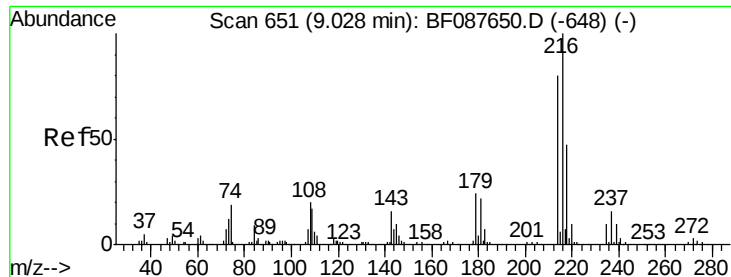
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:164 Resp: 239233
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.4 128.2
 160 48.5 39.5 59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.19 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

Tgt Ion:216 Resp: 245166

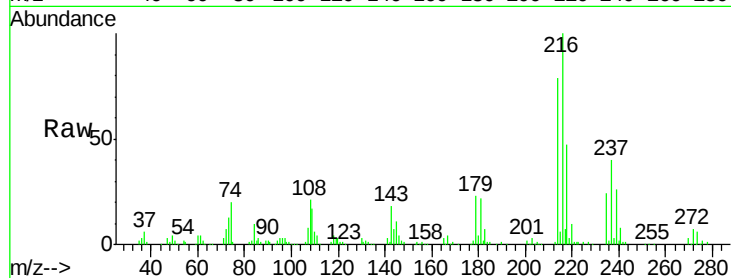
Ion Ratio Lower Upper

216 100

214 79.0 2.9 4.3#

179 22.8 0.0 0.0#

108 24.9 0.5 0.7#

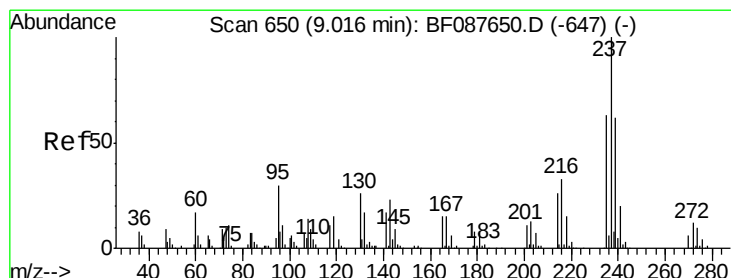
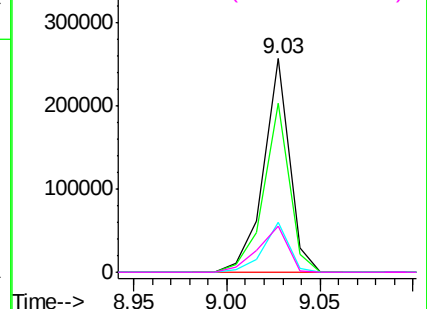
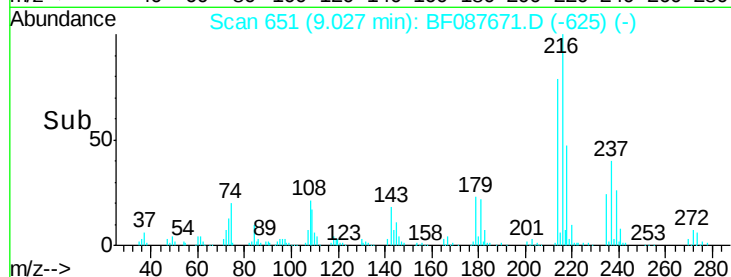


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.68 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

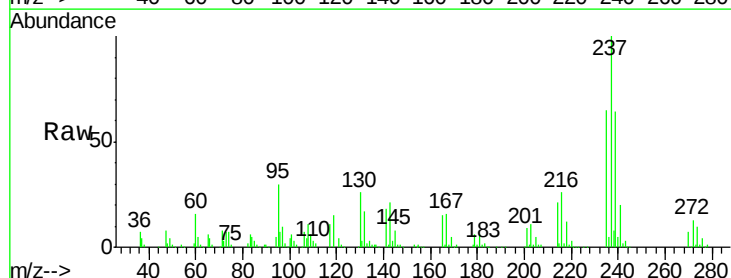
Tgt Ion:237 Resp: 277971

Ion Ratio Lower Upper

237 100

235 65.0 43.4 83.4

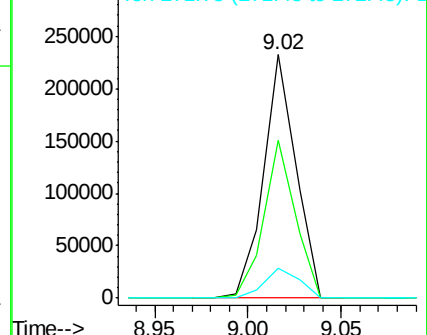
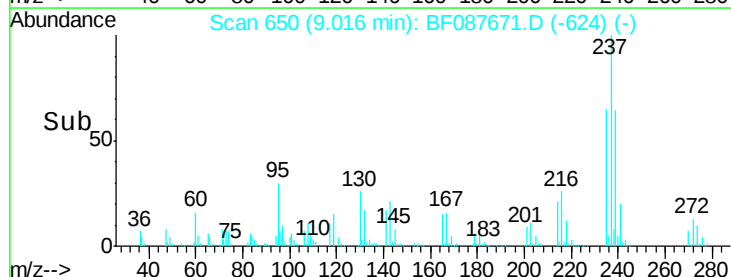
272 12.5 0.0 32.3

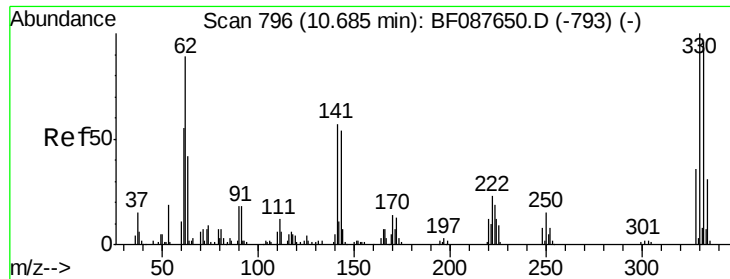


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

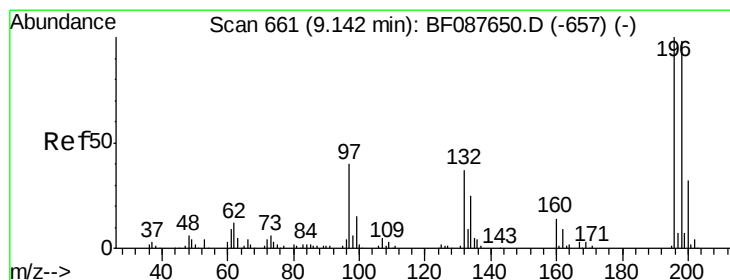
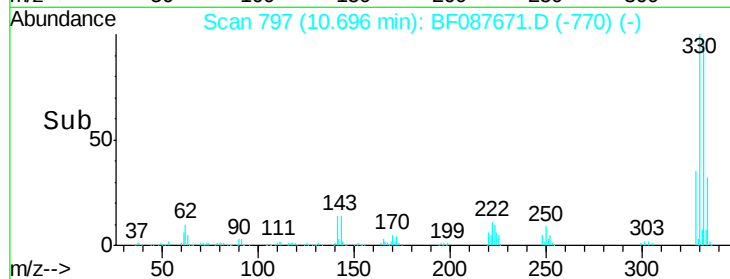
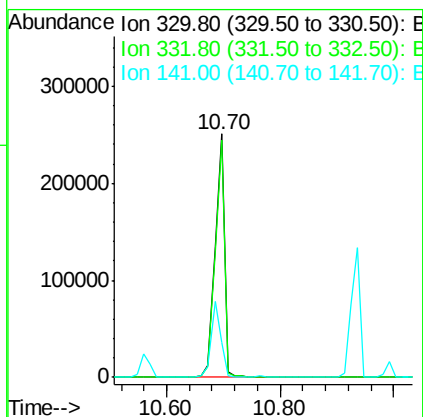
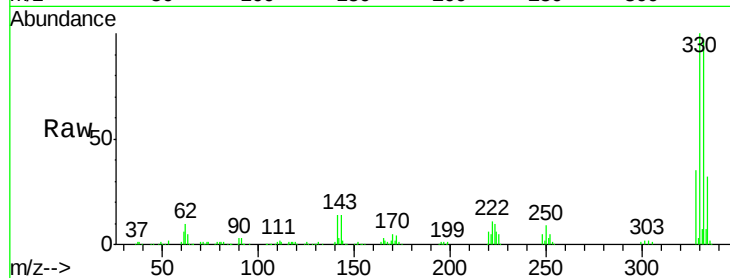




#41
 2,4,6-Tribromophenol
 Concen: 118.75 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

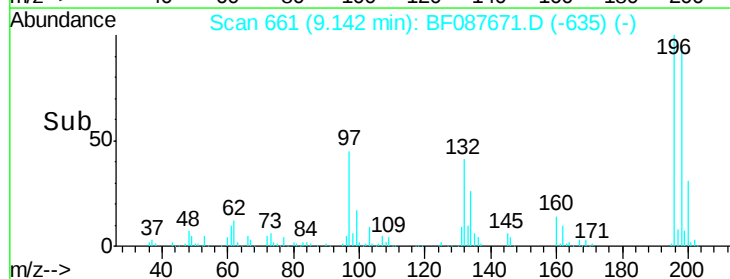
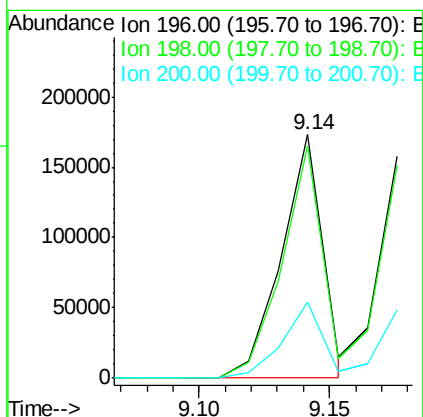
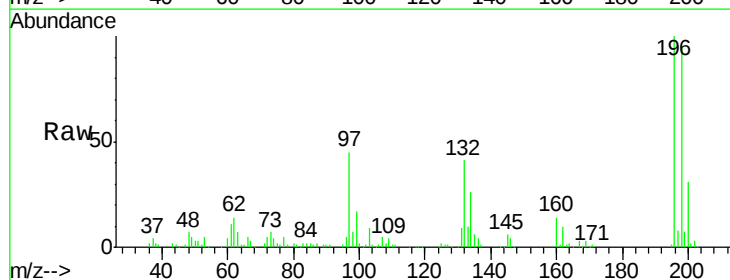
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

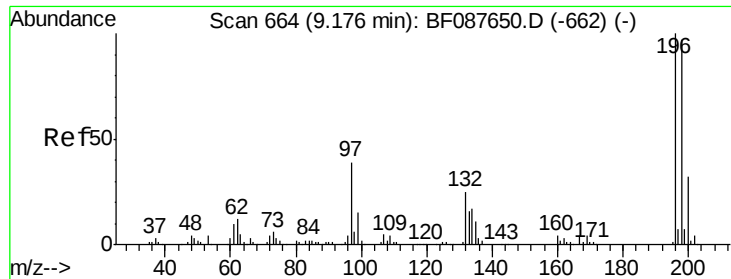
Tgt Ion:330 Resp: 285168
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 31.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 37.92 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:196 Resp: 188833
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 31.0 25.4 38.2

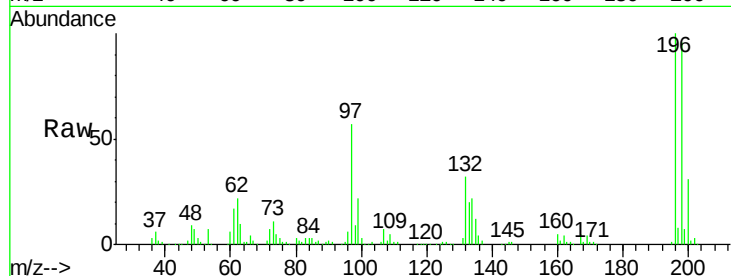




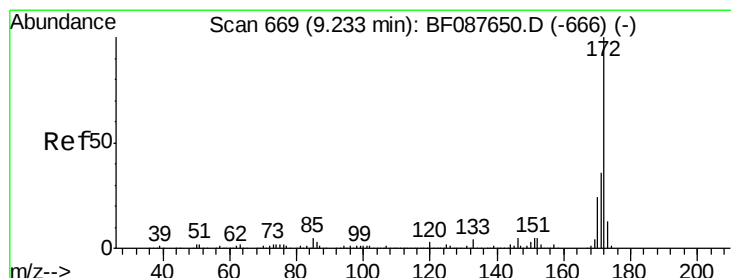
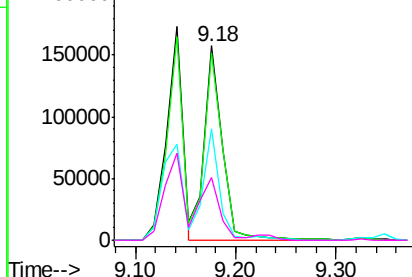
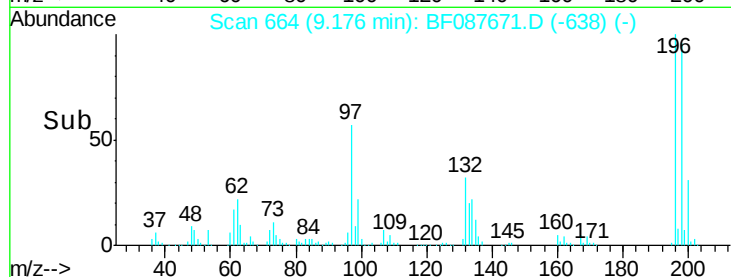
#43
 2,4,5-Trichlorophenol
 Concen: 41.91 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:196 Resp: 194218
 Ion Ratio Lower Upper
 196 100
 198 96.3 77.5 116.3
 97 57.2 32.0 48.0#
 132 32.2 20.9 31.3#

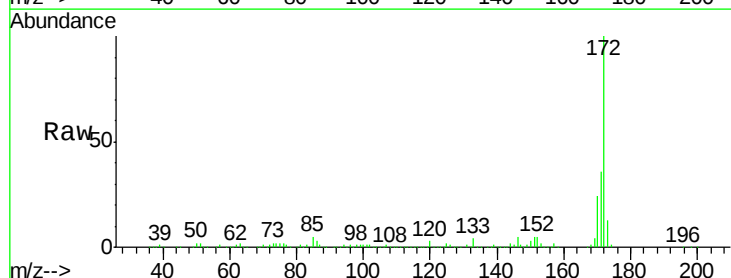


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

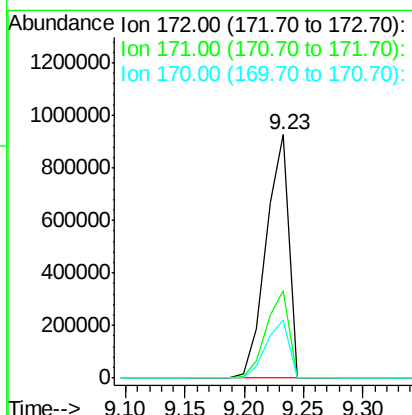
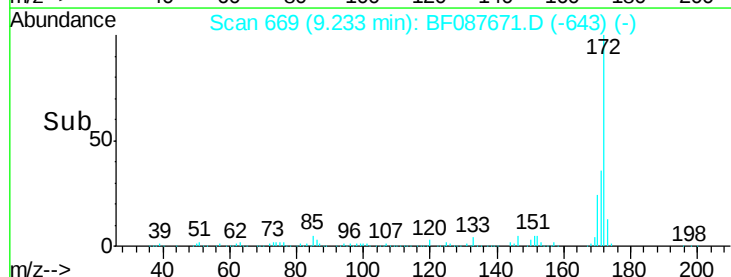


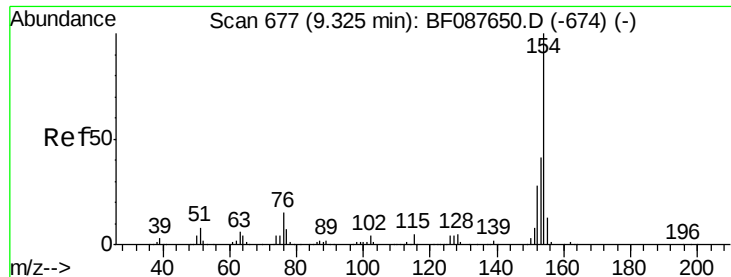
#44
 2-Fluorobiphenyl
 Concen: 76.89 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:172 Resp: 1235530
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.2 28.8



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





#45

1,1'-Biphenyl

Concen: 35.54 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

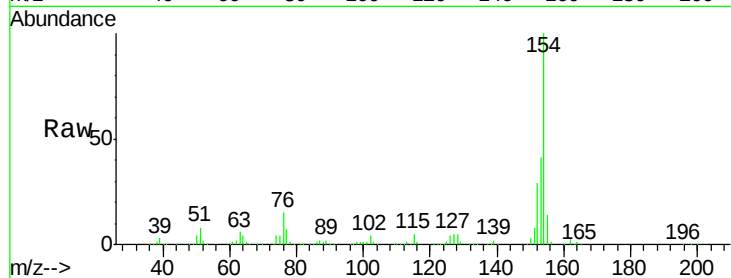
Tgt Ion:154 Resp: 689938

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

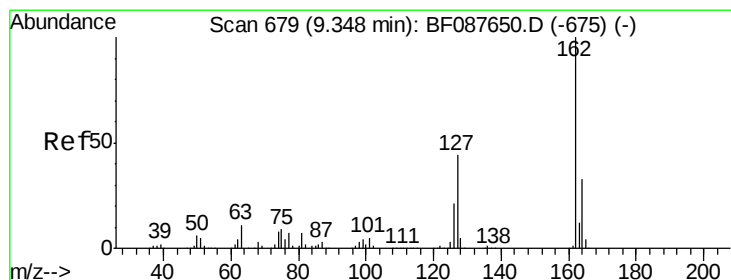
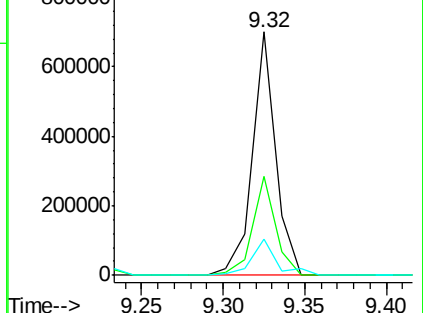
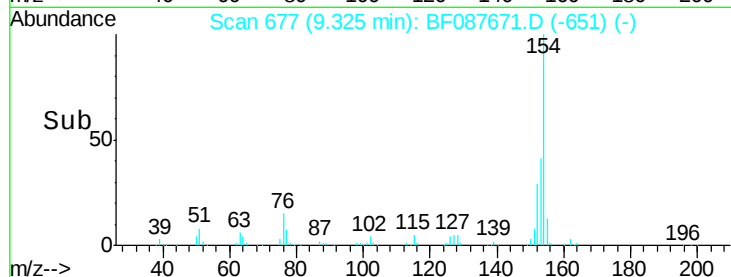
76 14.9 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.52 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

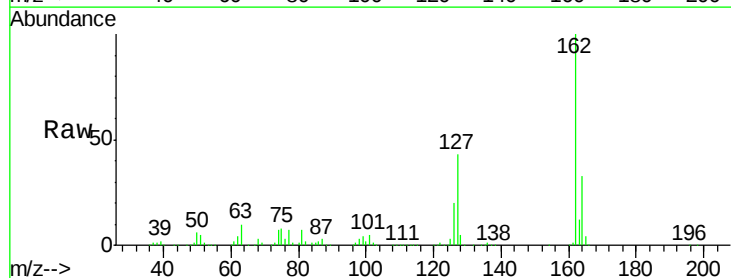
Tgt Ion:162 Resp: 564350

Ion Ratio Lower Upper

162 100

127 42.9 35.2 52.8

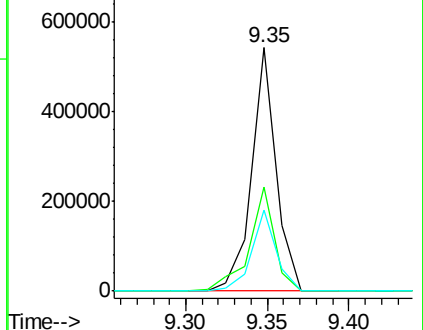
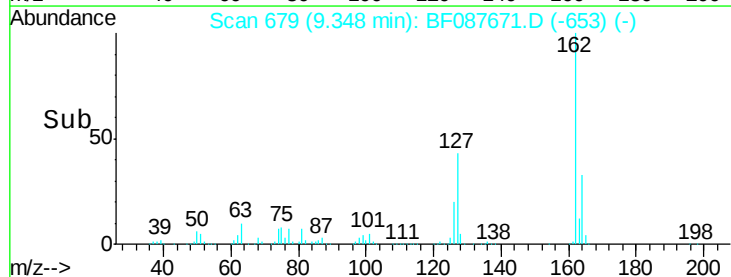
164 33.0 26.6 39.8

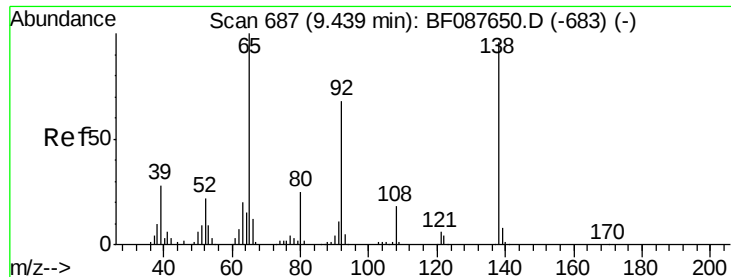


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

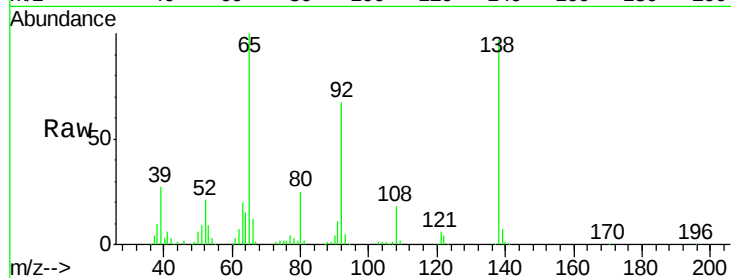




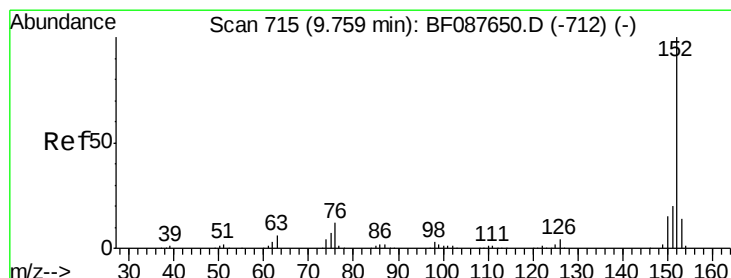
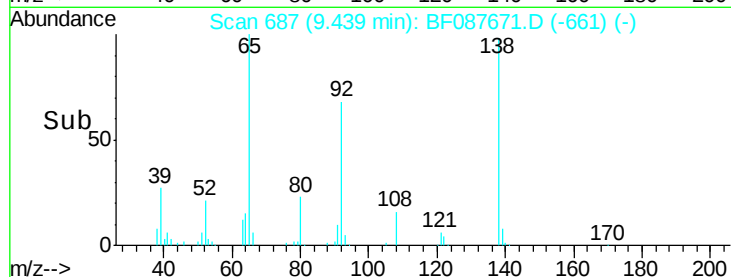
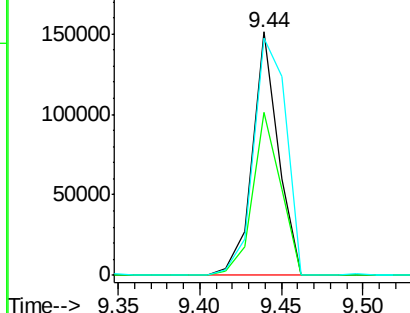
#47
2-Nitroaniline
Concen: 38.36 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion: 65 Resp: 166953
Ion Ratio Lower Upper
65 100
92 67.0 54.6 82.0
138 97.2 77.0 115.4

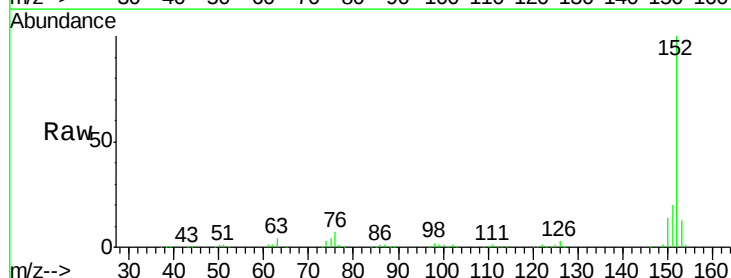


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

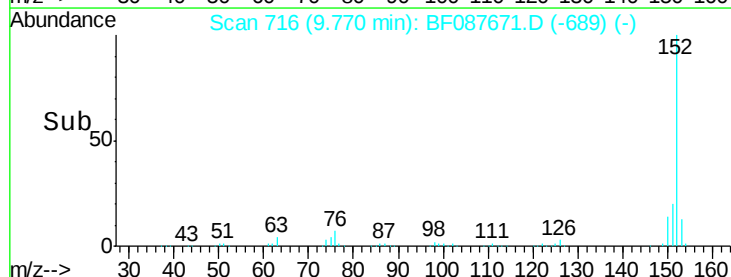
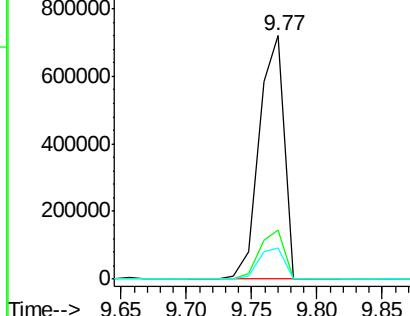


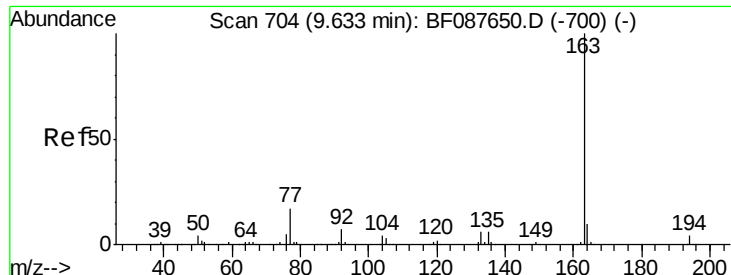
#48
Acenaphthylene
Concen: 39.77 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion: 152 Resp: 958601
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.8 11.0 16.6



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

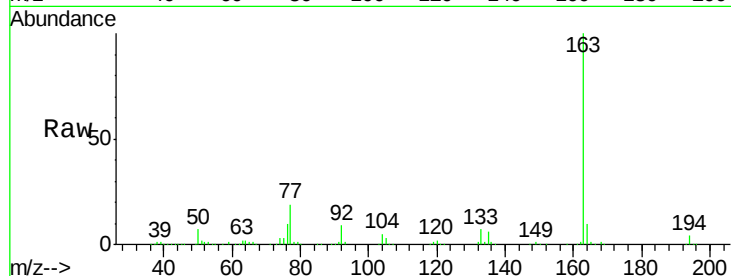




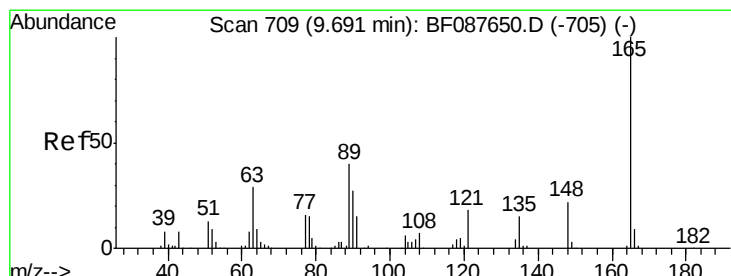
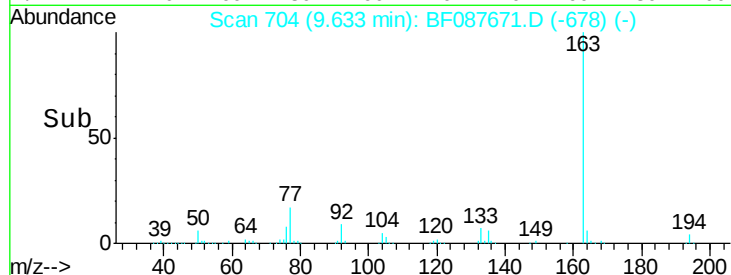
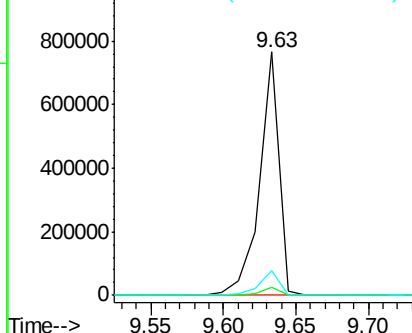
#49
Dimethylphthalate
Concen: 40.87 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion:163 Resp: 710763
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.3 12.5

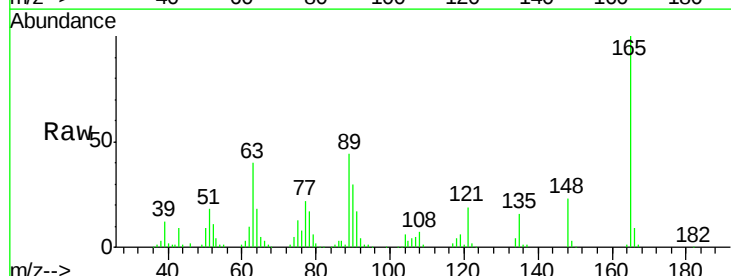


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

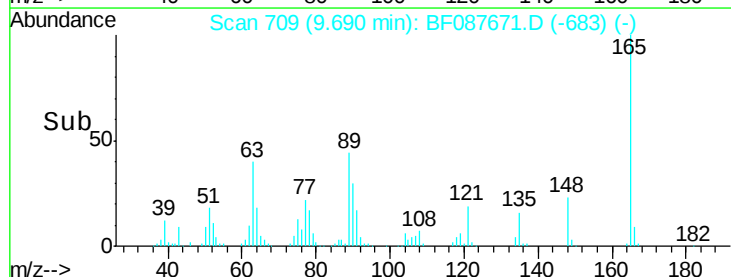
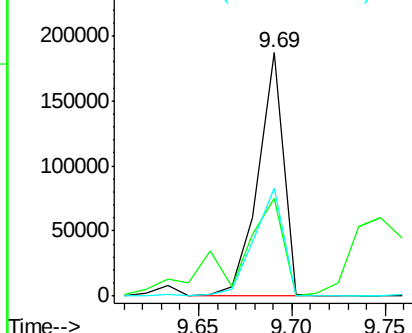


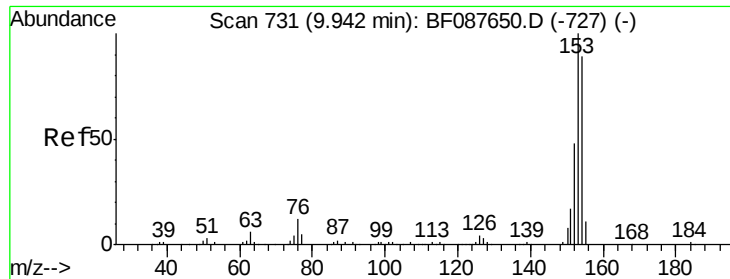
#50
2,6-Dinitrotoluene
Concen: 44.43 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:165 Resp: 175818
Ion Ratio Lower Upper
165 100
63 40.2 28.1 42.1
89 44.1 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: 42.30 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

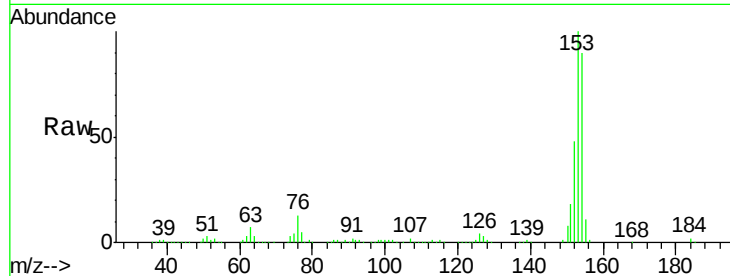
Tgt Ion:154 Resp: 655916

Ion Ratio Lower Upper

154 100

153 111.6 89.5 134.3

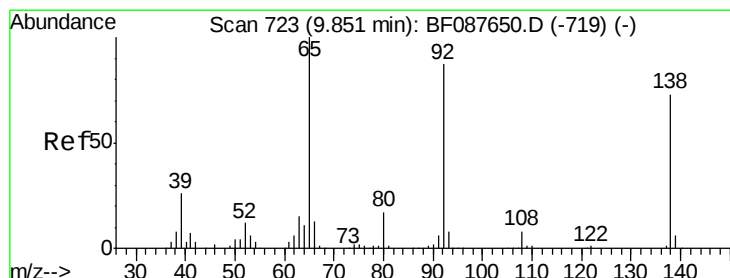
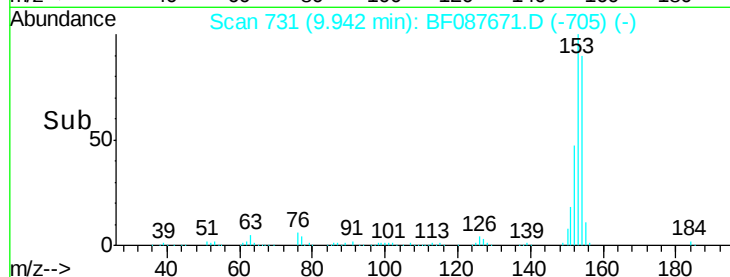
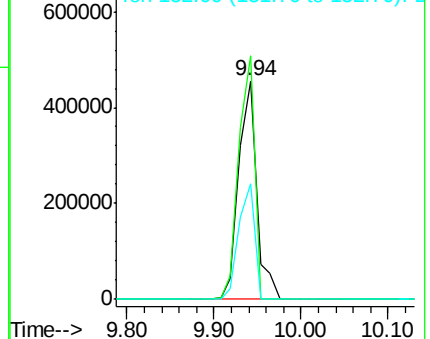
152 53.0 42.7 64.1



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: 24.08 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

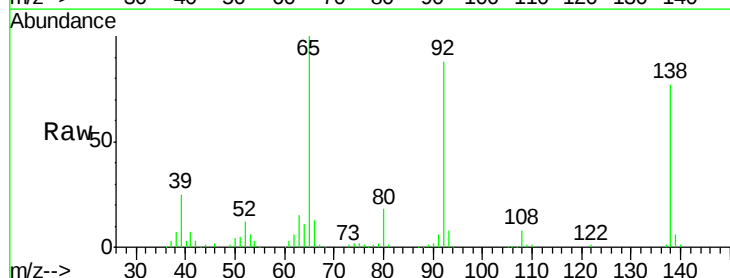
Tgt Ion:138 Resp: 109003

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

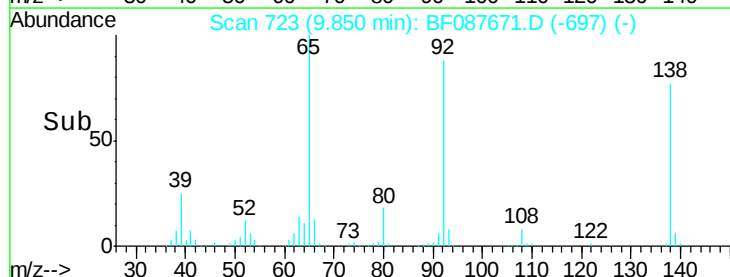
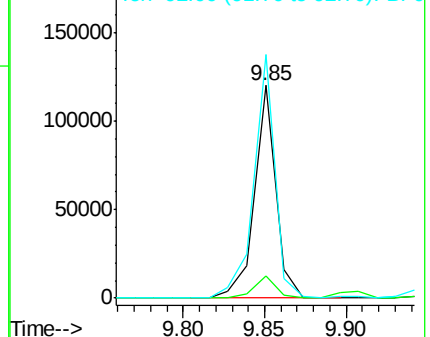
92 114.5 95.7 143.5

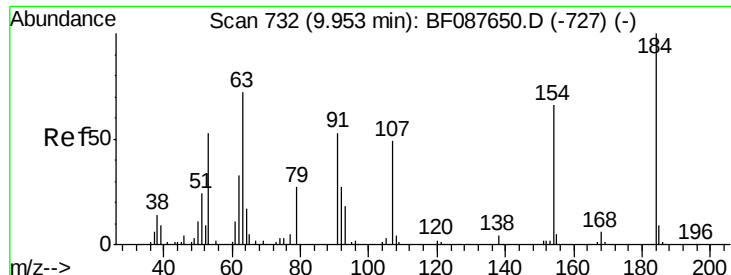


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

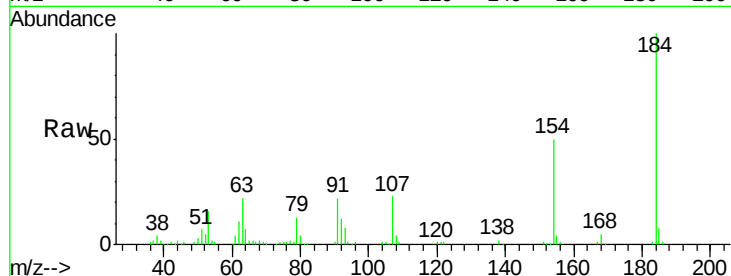




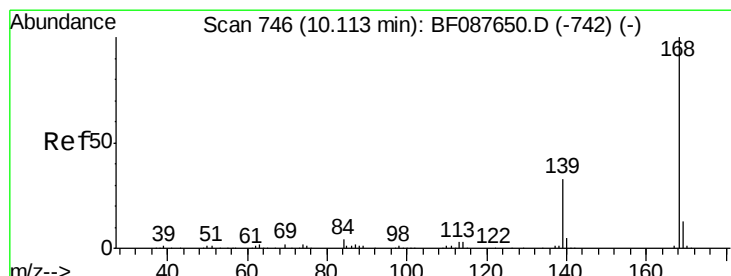
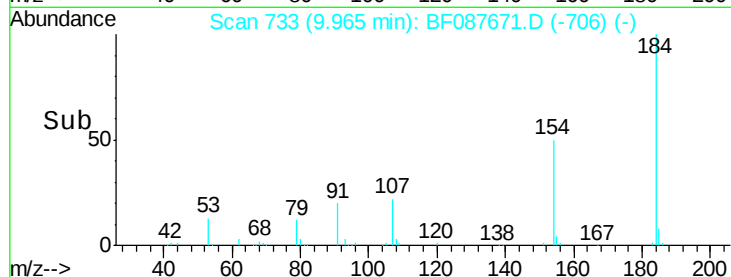
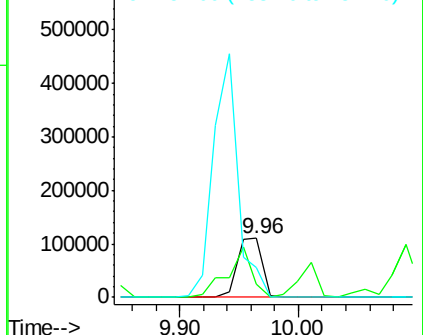
#53
 2,4-Dinitrophenol
 Concen: 89.10 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:184 Resp: 160835
 Ion Ratio Lower Upper
 184 100
 63 21.8 57.6 86.4#
 154 50.0 53.5 80.3#

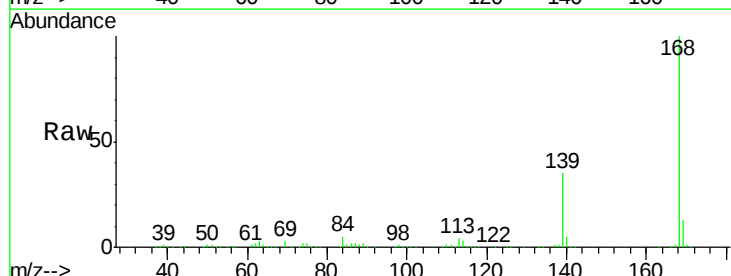


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

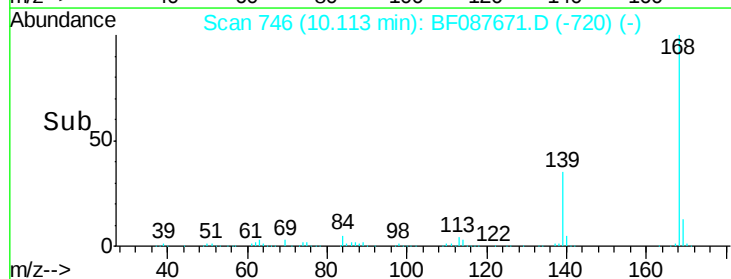
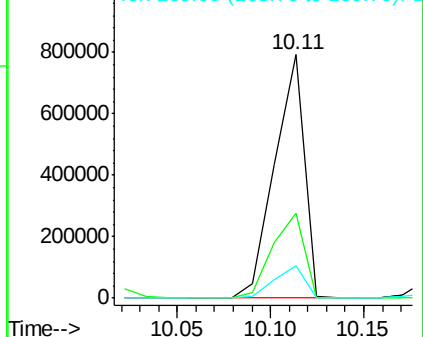


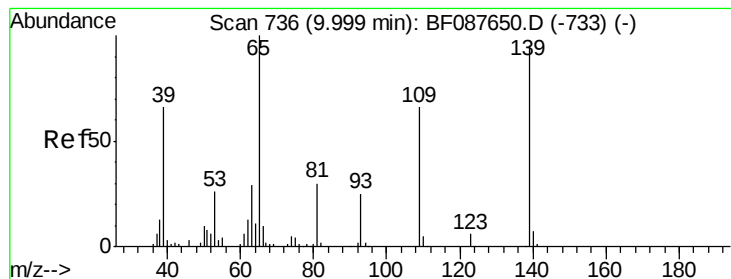
#54
 Dibenzofuran
 Concen: 41.62 ng
 RT: 10.11 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:168 Resp: 878685
 Ion Ratio Lower Upper
 168 100
 139 34.9 26.4 39.6
 169 13.3 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: 65.44 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

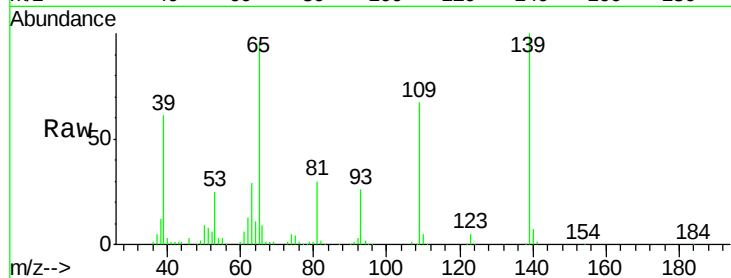
Tgt Ion:139 Resp: 253150

Ion Ratio Lower Upper

139 100

109 66.8 48.9 88.9

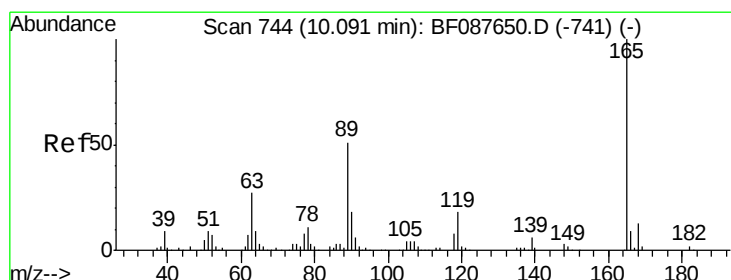
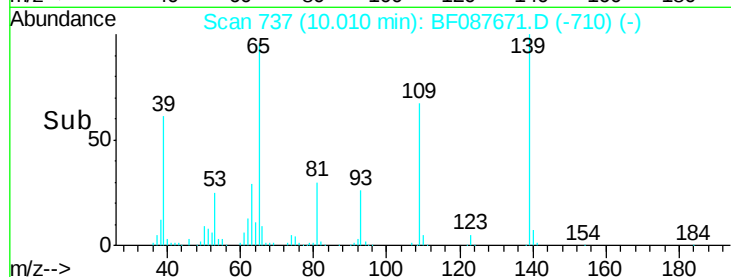
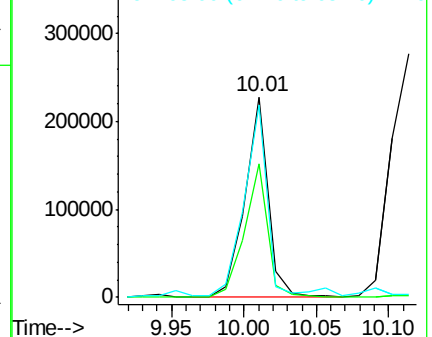
65 96.2 84.9 124.9



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: 44.46 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:165 Resp: 224055

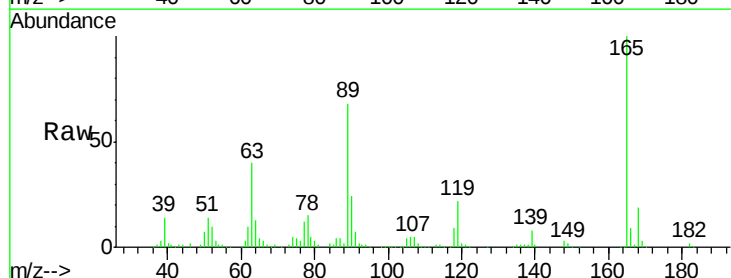
Ion Ratio Lower Upper

165 100

63 39.8 22.0 33.0#

89 67.6 41.1 61.7#

182 2.2 2.0 3.0

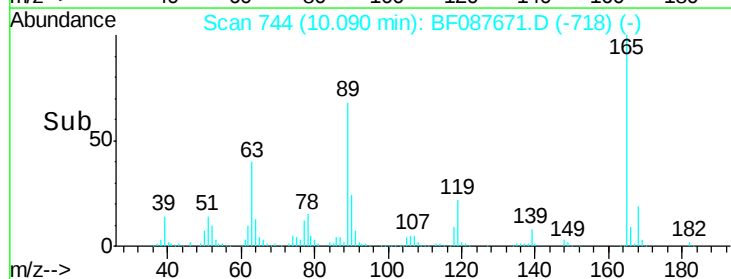
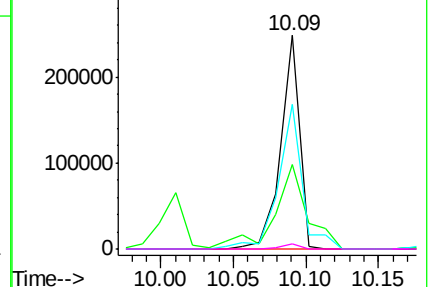


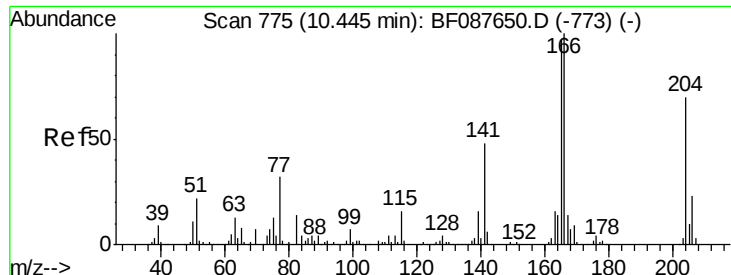
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.72 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

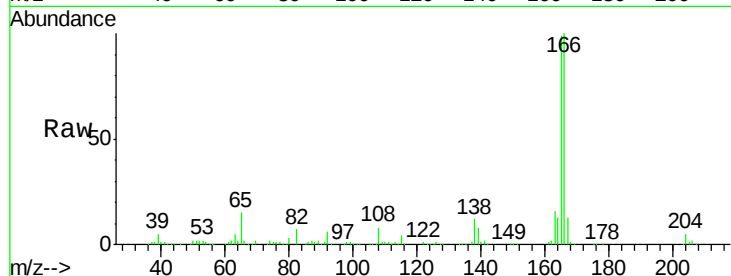
Tgt Ion:166 Resp: 622554

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.8

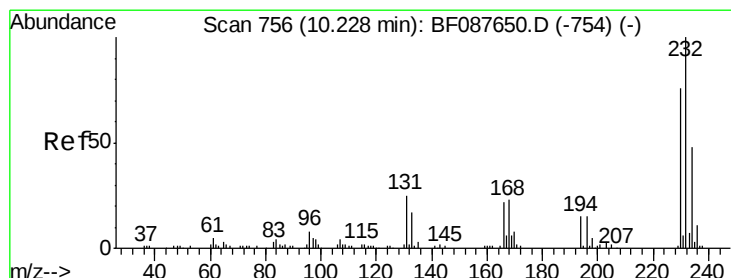
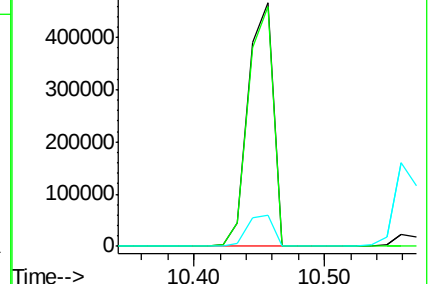
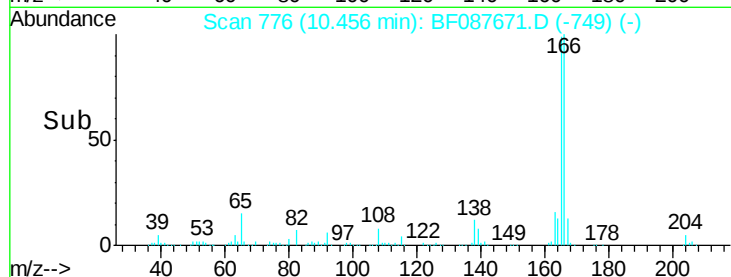
167 13.0 11.2 16.8



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: 41.55 ng

RT: 10.23 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Tgt Ion:232 Resp: 165880

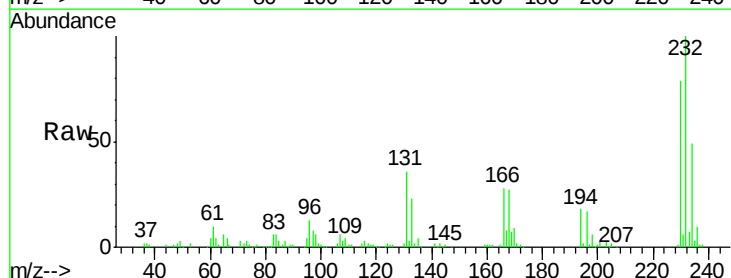
Ion Ratio Lower Upper

232 100

131 49.0 0.9 1.3#

130 2.3 1.5 2.3

166 32.8 0.5 0.7#

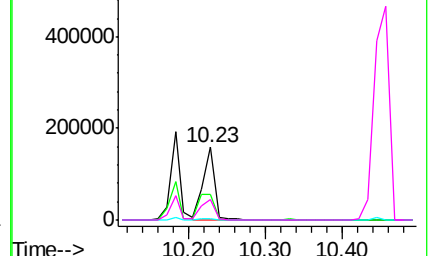
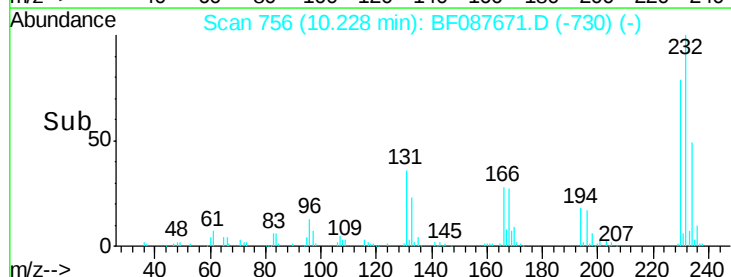


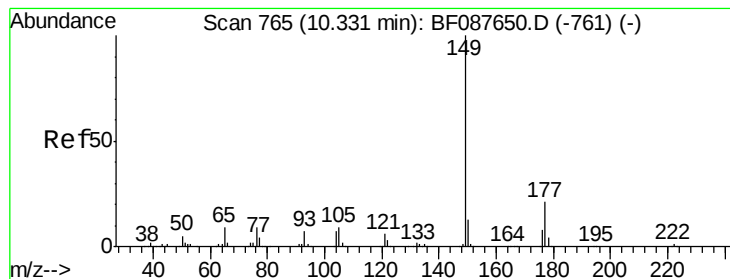
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.16 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

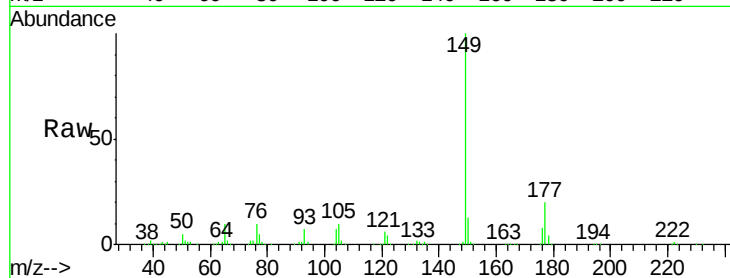
Tgt Ion:149 Resp: 649080

Ion Ratio Lower Upper

149 100

177 20.5 16.9 25.3

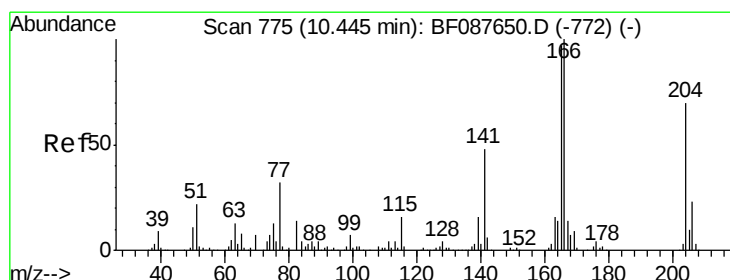
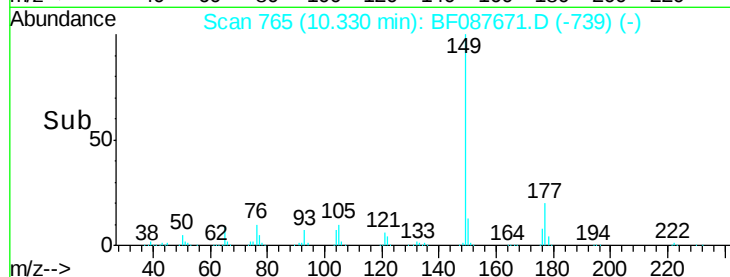
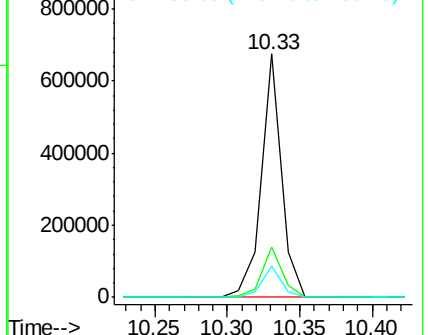
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.89 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

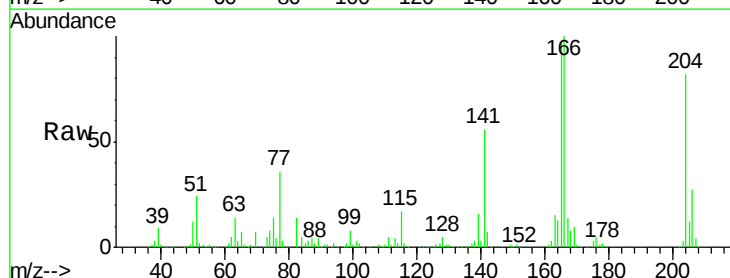
Tgt Ion:204 Resp: 265339

Ion Ratio Lower Upper

204 100

206 33.4 26.3 39.5

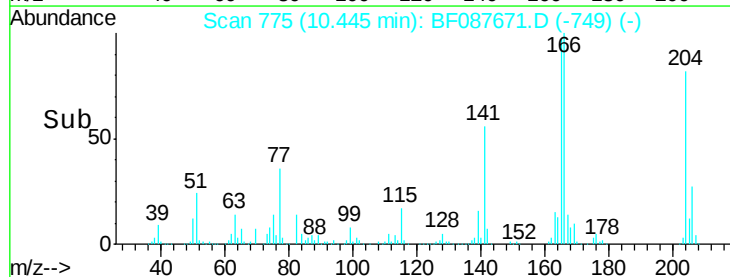
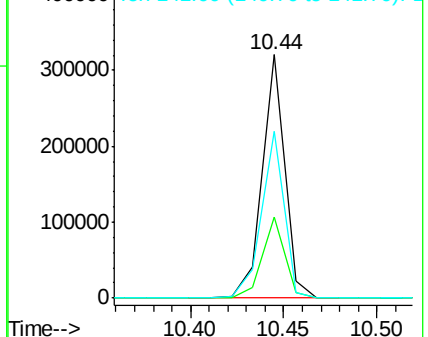
141 68.3 55.0 82.6

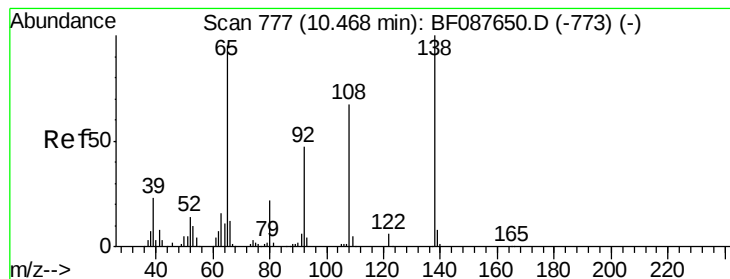


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

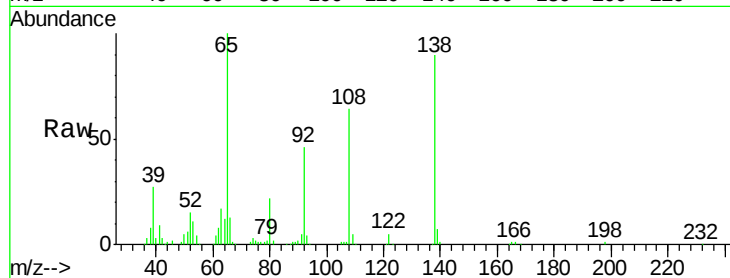




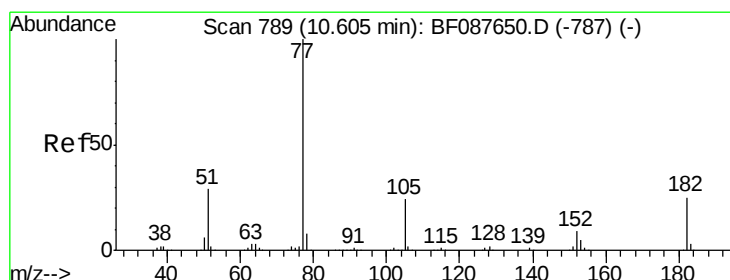
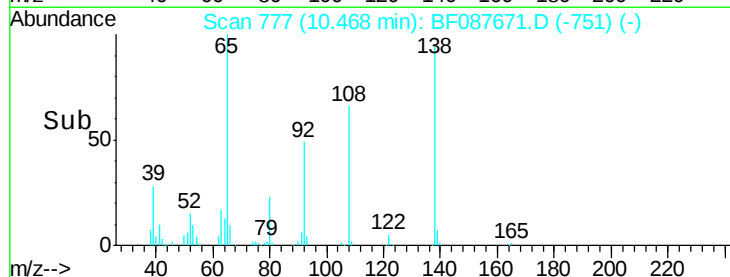
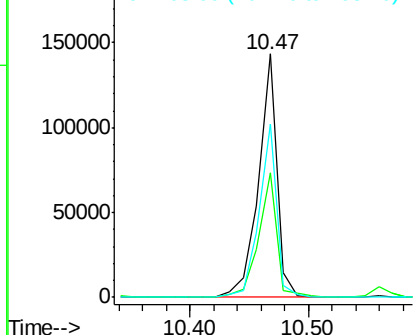
#61
4-Nitroaniline
Concen: 35.89 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion:138 Resp: 156187
Ion Ratio Lower Upper
138 100
92 51.4 27.3 67.3
108 71.3 46.7 86.7

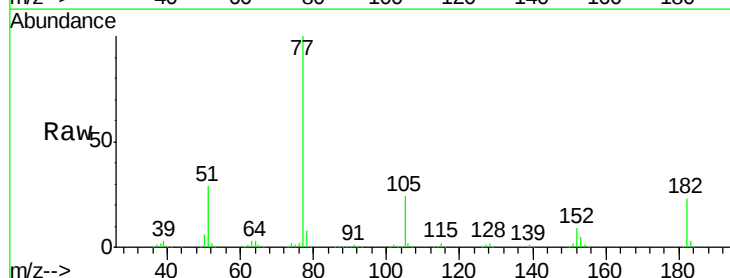


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

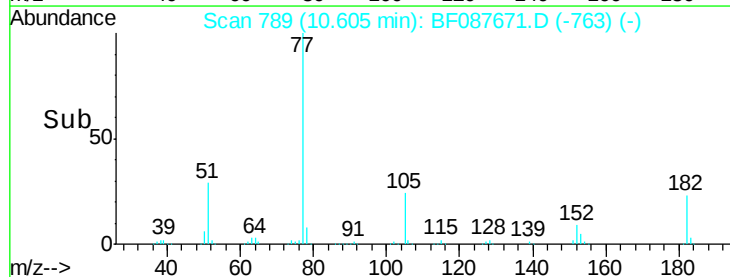
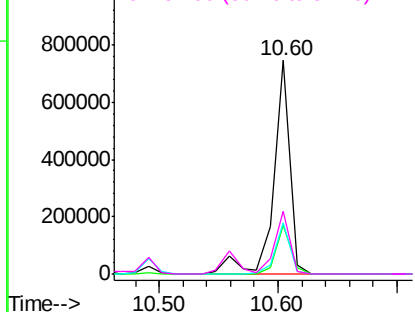


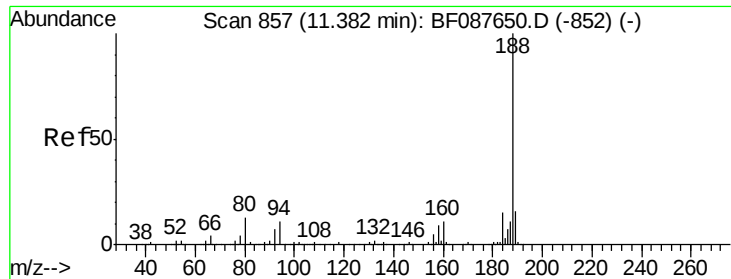
#62
Azobenzene
Concen: 40.93 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion: 77 Resp: 719552
Ion Ratio Lower Upper
77 100
182 23.0 4.4 44.4
105 23.8 3.8 43.8
51 29.3 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

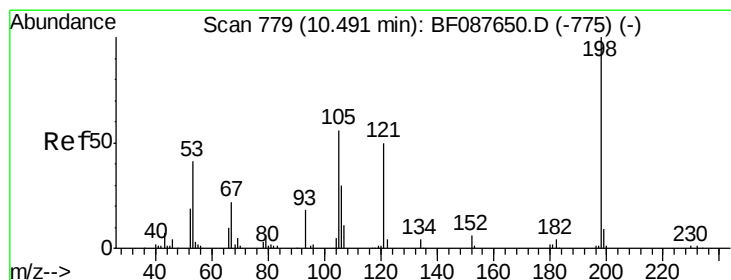
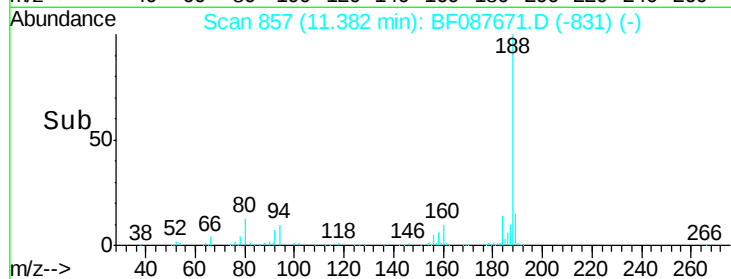
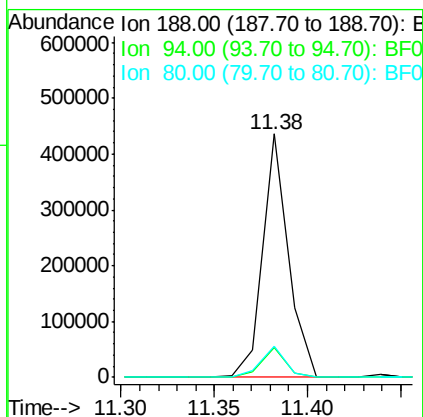
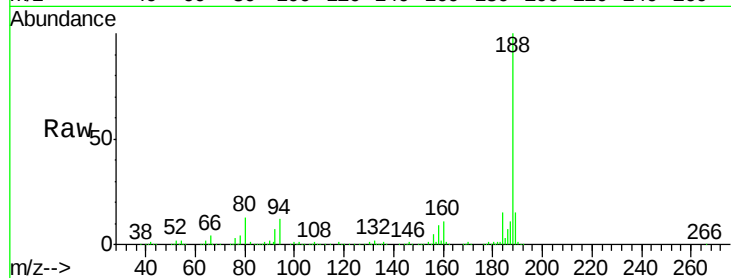




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

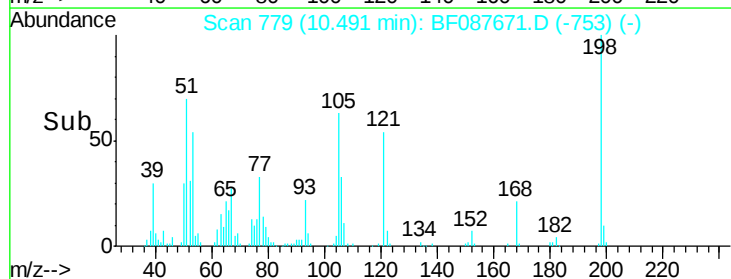
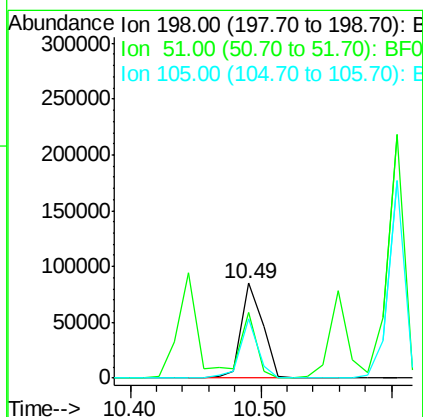
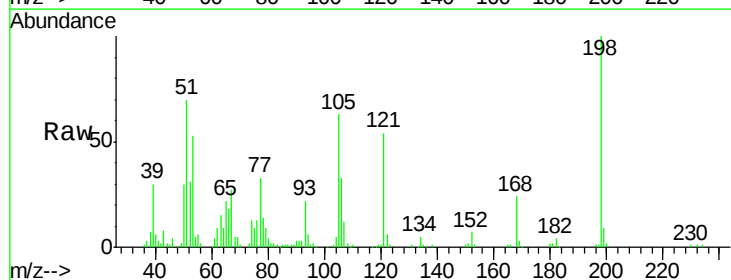
Instrument :
BNA_F
ClientSampleId :
PB91024BS

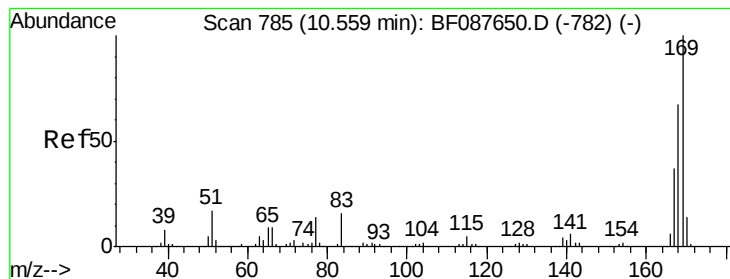
Tgt Ion:188 Resp: 421956
Ion Ratio Lower Upper
188 100
94 12.2 9.0 13.6
80 12.9 10.0 15.0



#64
4,6-Dinitro-2-methylphenol
Concen: 41.54 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:198 Resp: 96771
Ion Ratio Lower Upper
198 100
51 69.9 39.6 79.6
105 62.8 36.6 76.6





#65

n-Nitrosodiphenylamine

Concen: 40.87 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

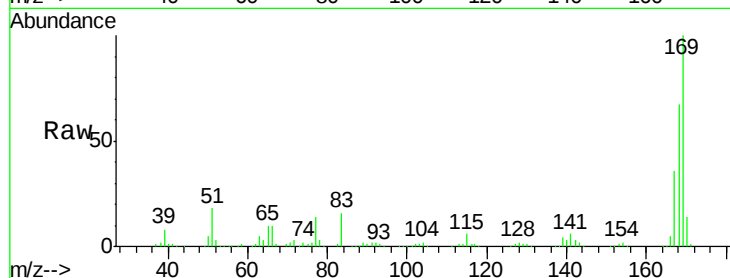
Tgt Ion:169 Resp: 564835

Ion Ratio Lower Upper

169 100

168 66.8 53.4 80.0

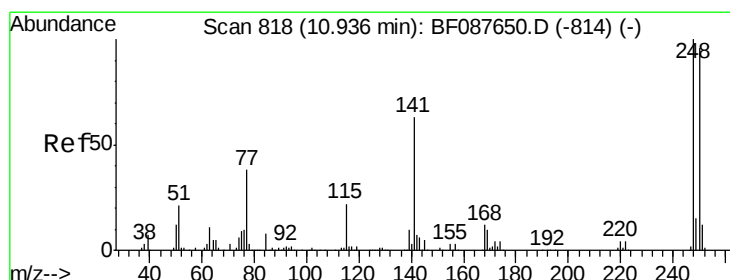
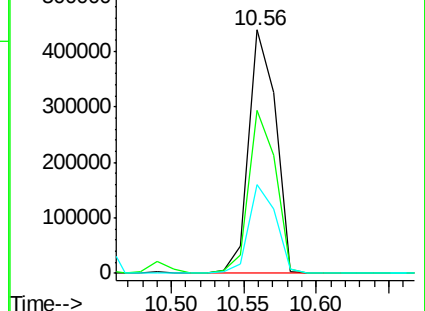
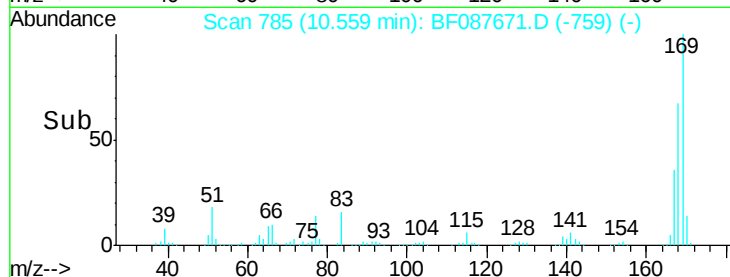
167 36.4 29.4 44.0



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: 43.16 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

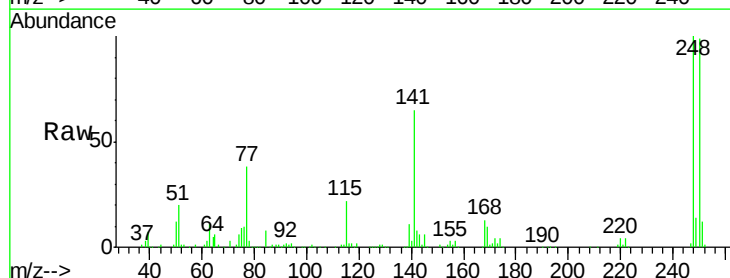
Tgt Ion:248 Resp: 180605

Ion Ratio Lower Upper

248 100

250 98.5 77.1 115.7

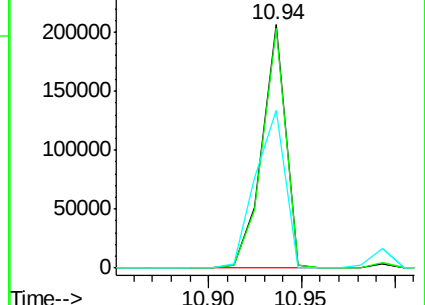
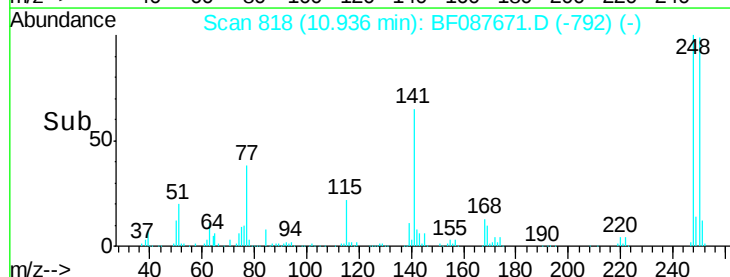
141 64.9 50.6 76.0

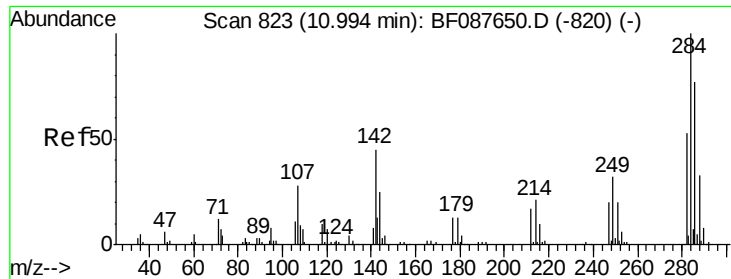


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

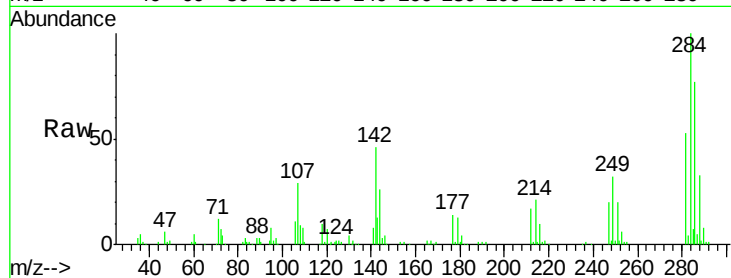




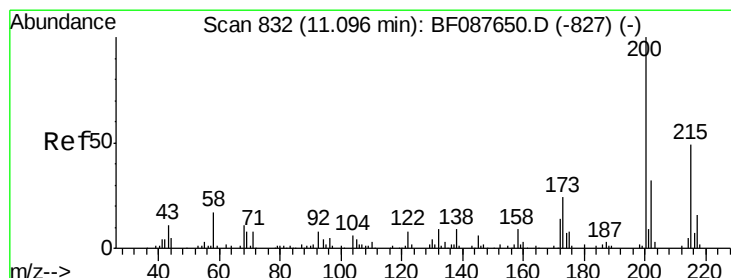
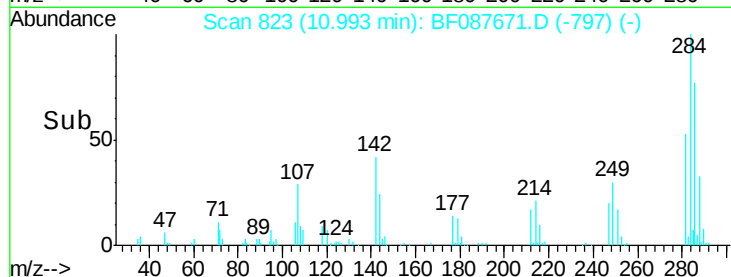
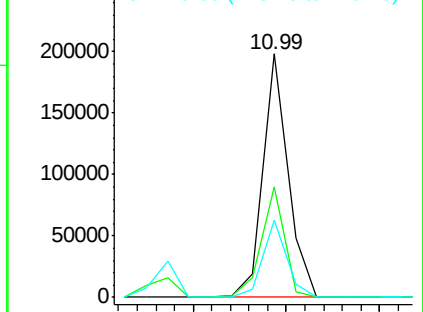
#67
Hexachlorobenzene
Concen: 39.02 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Instrument :
BNA_F
ClientSampleId :
PB91024BS

Tgt Ion:284 Resp: 182577
Ion Ratio Lower Upper
284 100
142 45.5 35.8 53.8
249 31.8 25.8 38.6

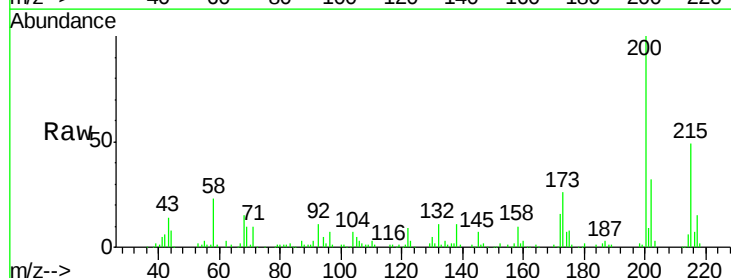


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

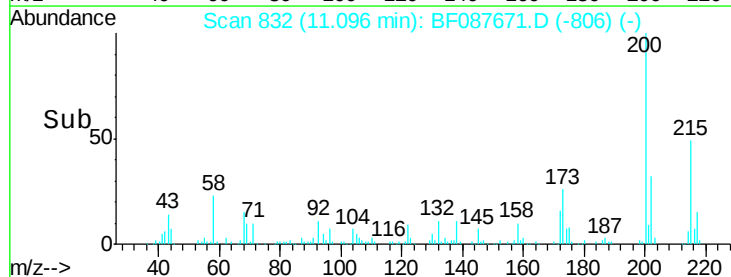
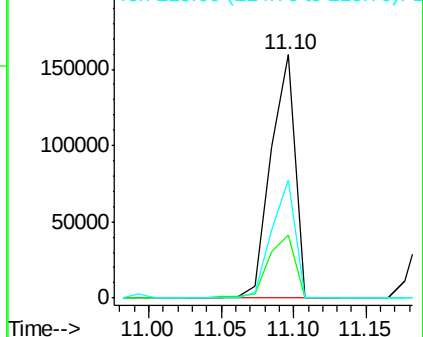


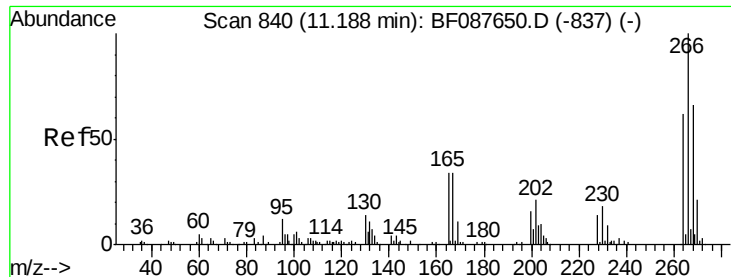
#68
Atrazine
Concen: 45.13 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:200 Resp: 184775
Ion Ratio Lower Upper
200 100
173 26.0 4.0 44.0
215 48.6 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

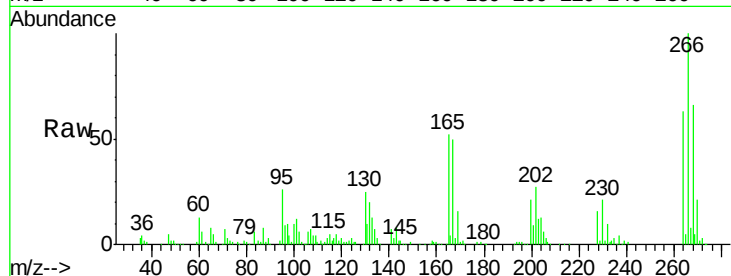




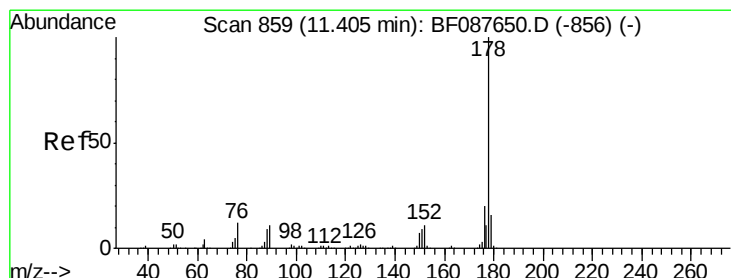
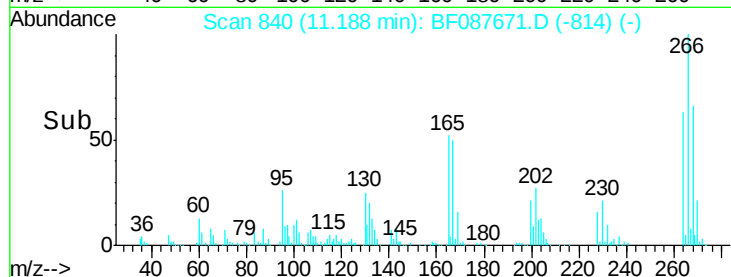
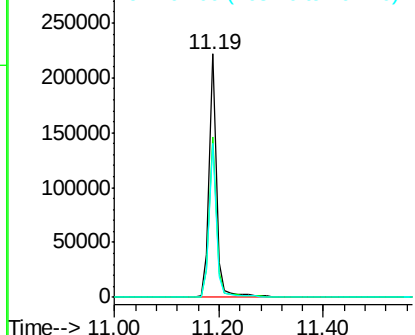
#69
 Pentachlorophenol
 Concen: 79.64 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:266 Resp: 221408
 Ion Ratio Lower Upper
 266 100
 268 65.9 52.8 79.2
 264 63.1 49.6 74.4

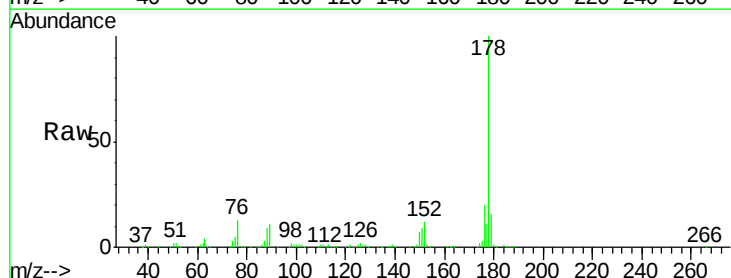


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

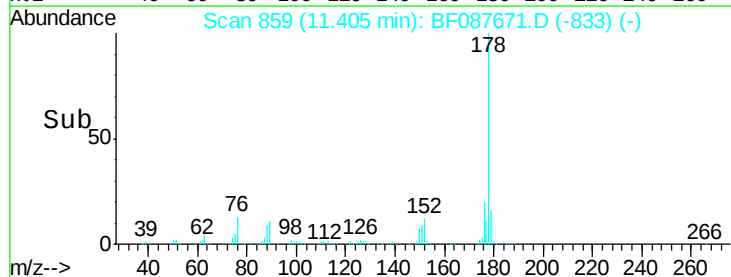
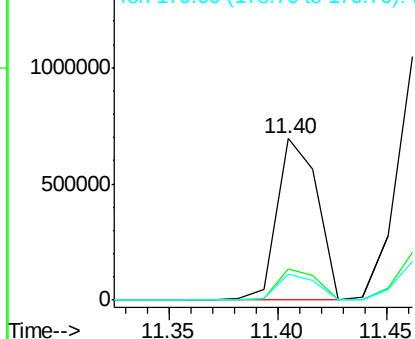


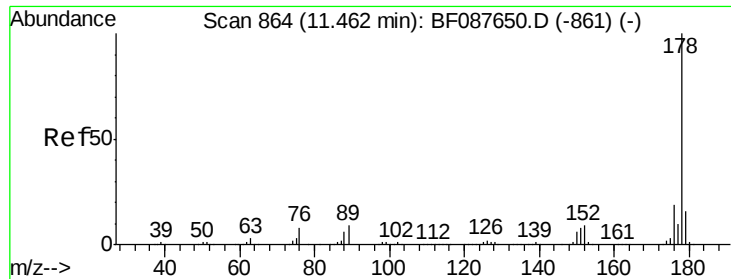
#70
 Phenanthrene
 Concen: 39.29 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:178 Resp: 898850
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.6
 179 16.0 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

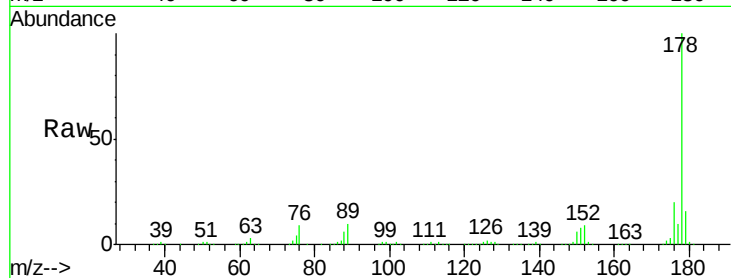




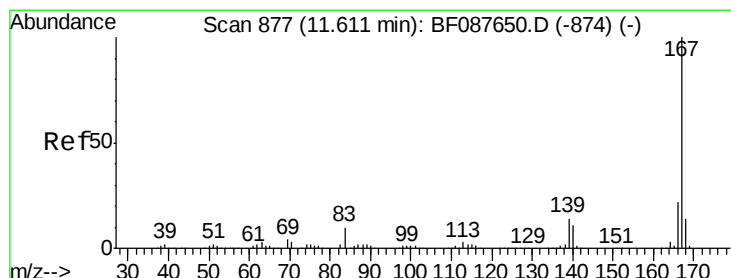
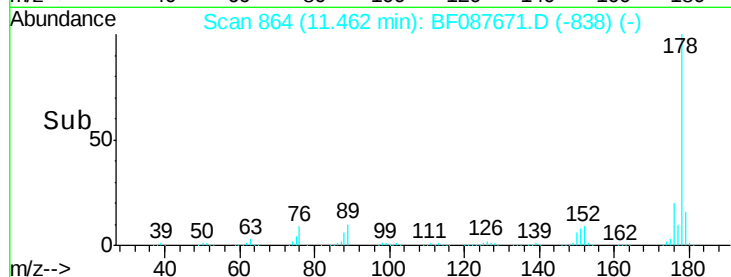
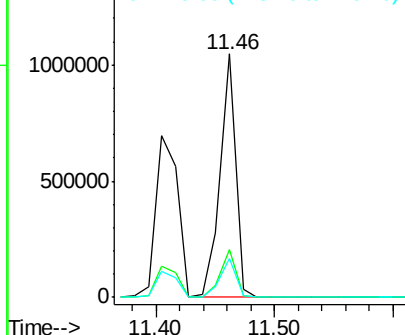
#71
 Anthracene
 Concen: 41.11 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:178 Resp: 942522
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.9 12.8 19.2

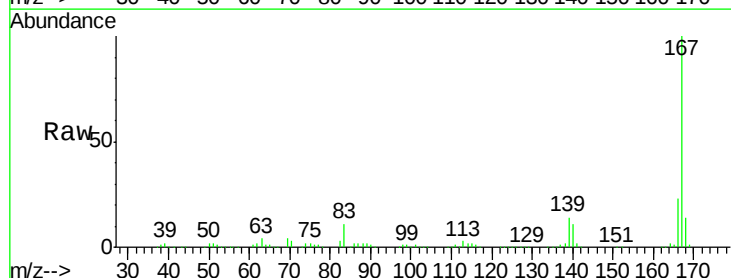


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

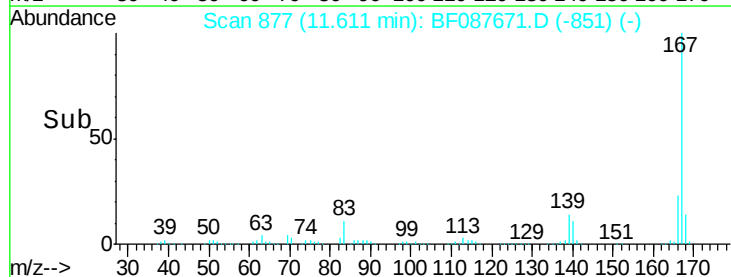
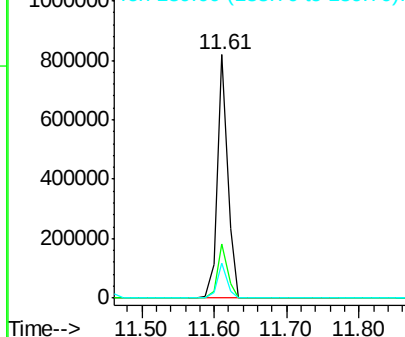


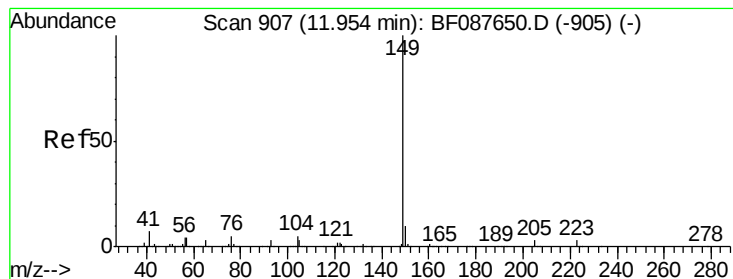
#72
 Carbazole
 Concen: 37.21 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion:167 Resp: 807472
 Ion Ratio Lower Upper
 167 100
 166 22.5 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: 43.25 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

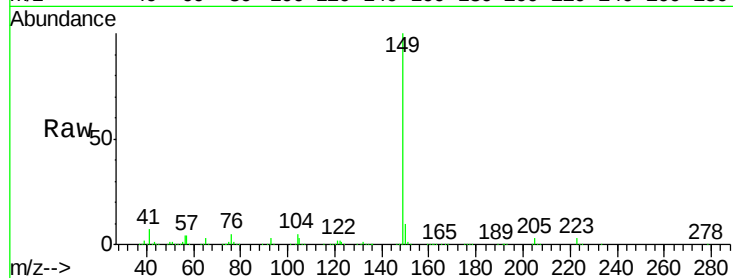
Tgt Ion:149 Resp: 1006307

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

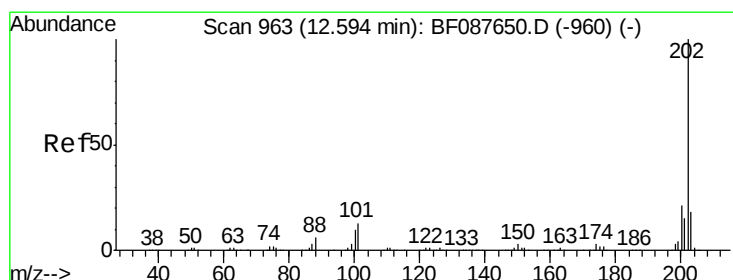
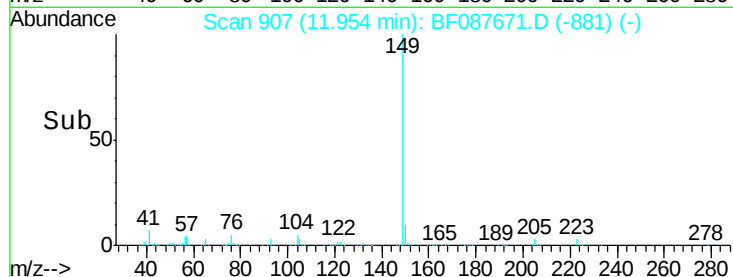
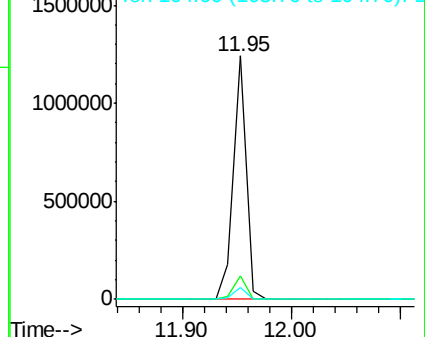
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.65 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

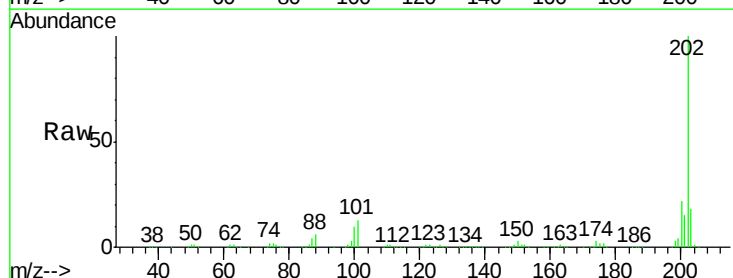
Tgt Ion:202 Resp: 915071

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.1

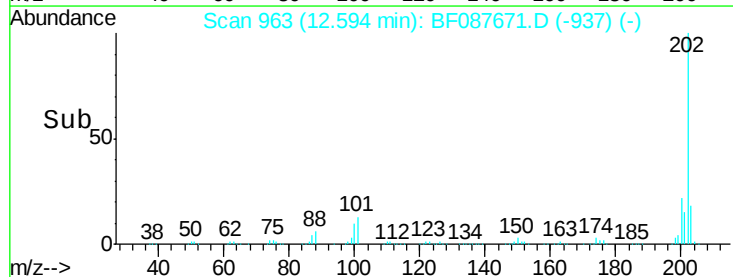
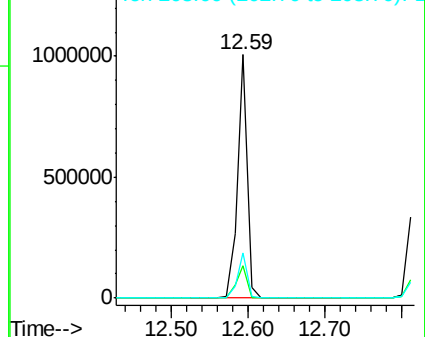
203 18.4 0.0 38.1

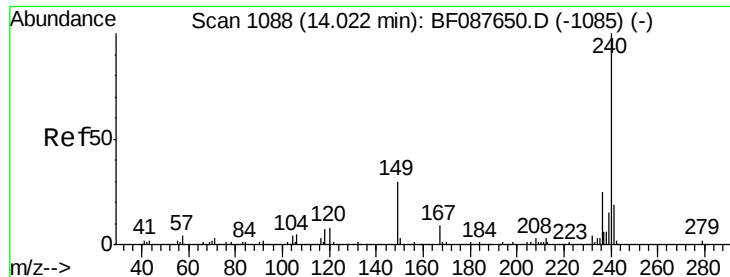


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

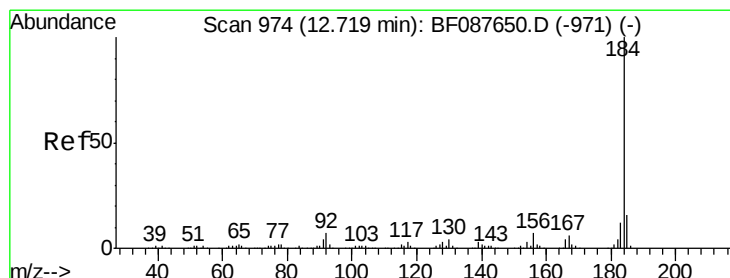
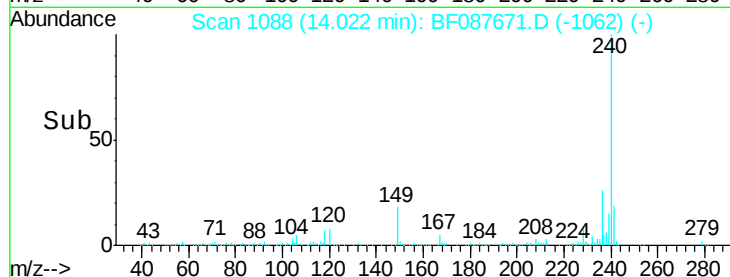
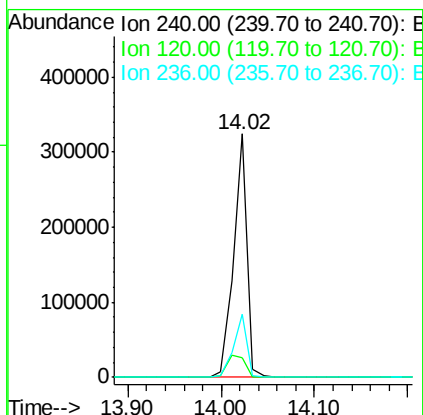
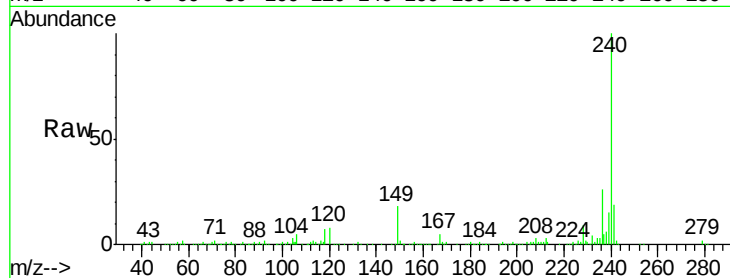




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

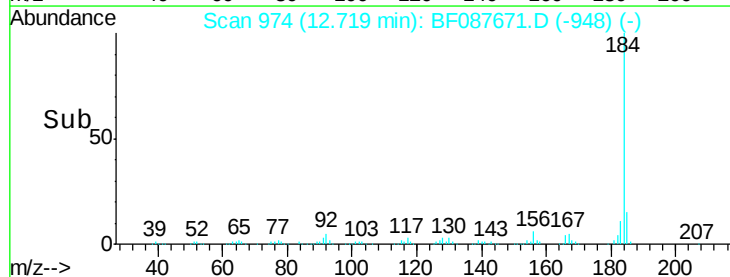
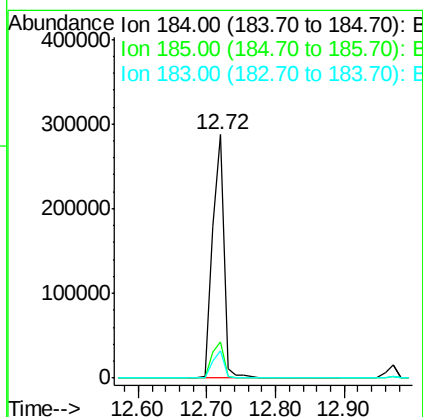
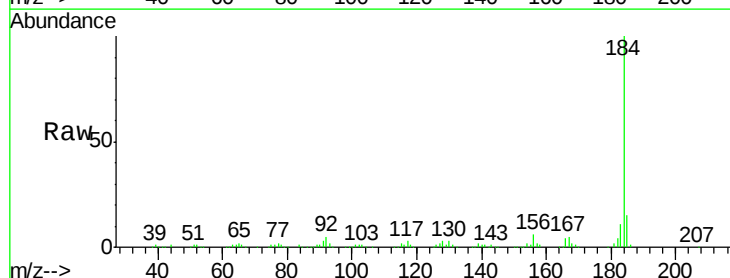
Instrument :
BNA_F
ClientSampleId :
PB91024BS

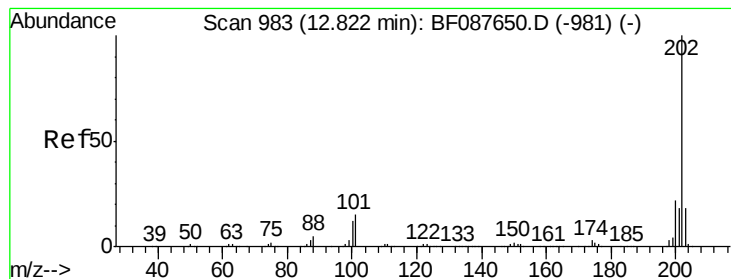
Tgt Ion:240 Resp: 326848
Ion Ratio Lower Upper
240 100
120 8.1 6.8 10.2
236 25.7 20.2 30.2



#76
Benzidine
Concen: 26.31 ng
RT: 12.72 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:184 Resp: 339156
Ion Ratio Lower Upper
184 100
185 14.8 12.5 18.7
183 11.3 9.3 13.9





#77

Pyrene

Concen: 41.33 ng

RT: 12.82 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

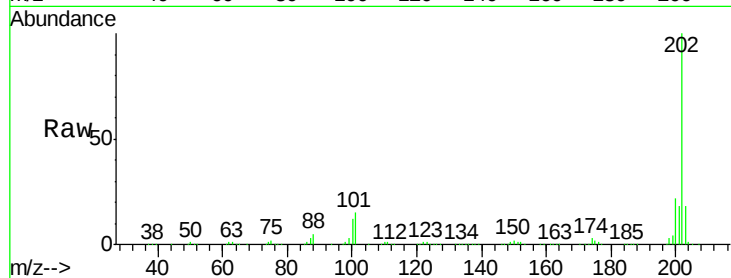
Tgt Ion:202 Resp: 961841

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

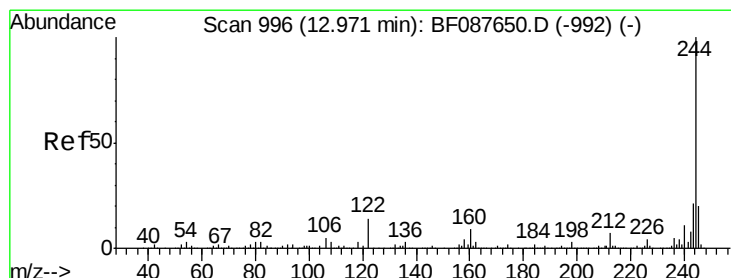
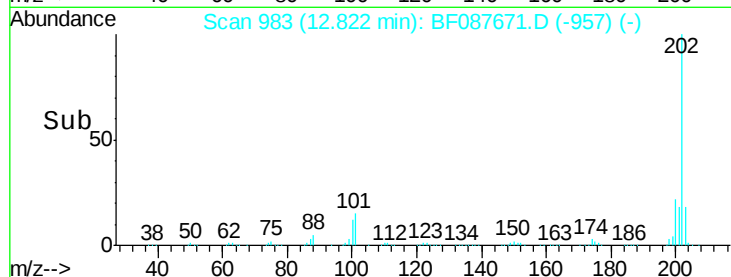
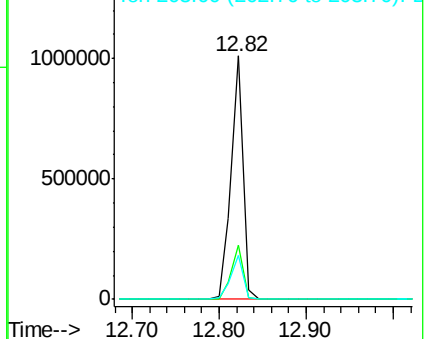
203 18.1 14.5 21.7



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: 73.92 ng

RT: 12.97 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

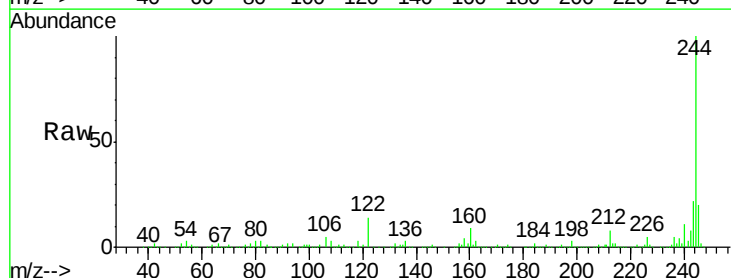
Tgt Ion:244 Resp: 990072

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

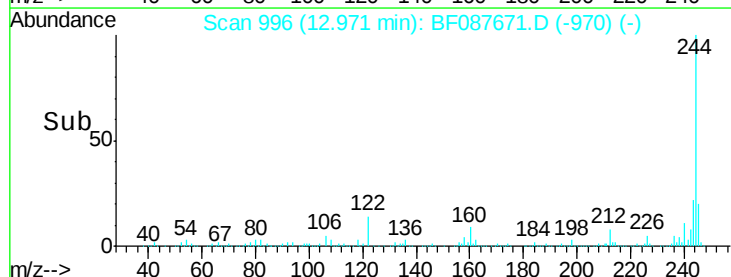
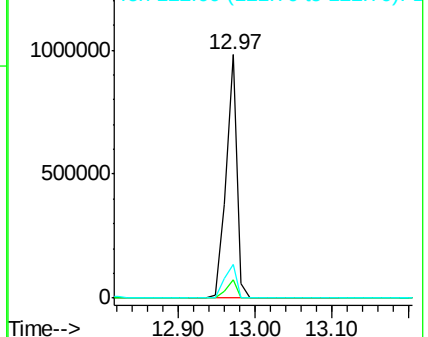
122 13.7 11.2 16.8

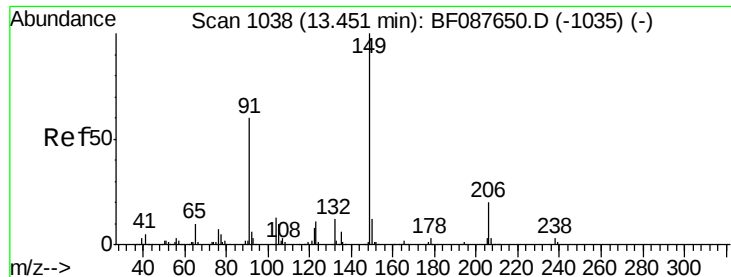


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.97 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

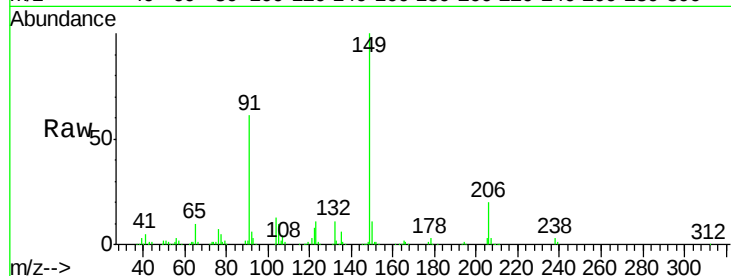
Tgt Ion:149 Resp: 455349

Ion Ratio Lower Upper

149 100

91 61.4 48.0 72.0

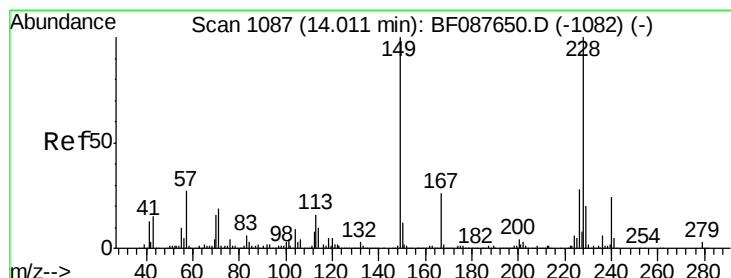
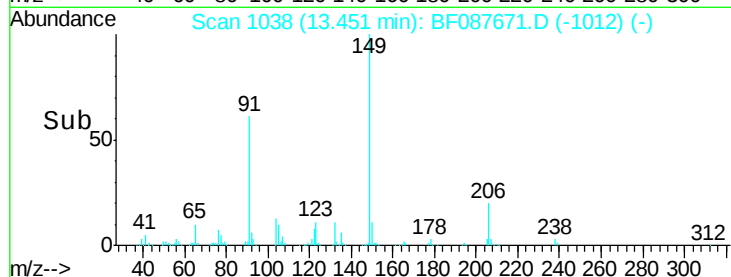
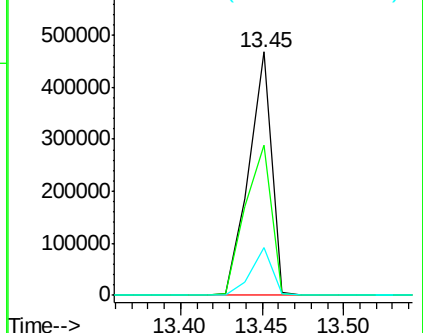
206 19.8 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.77 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

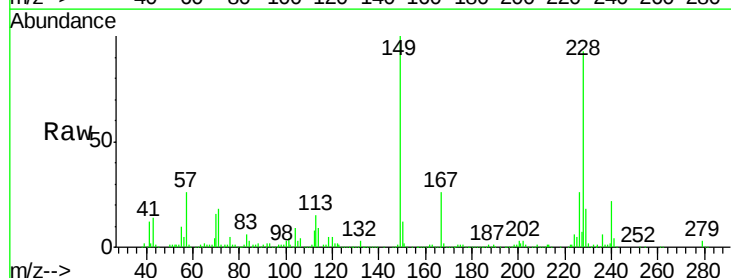
Tgt Ion:228 Resp: 769098

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

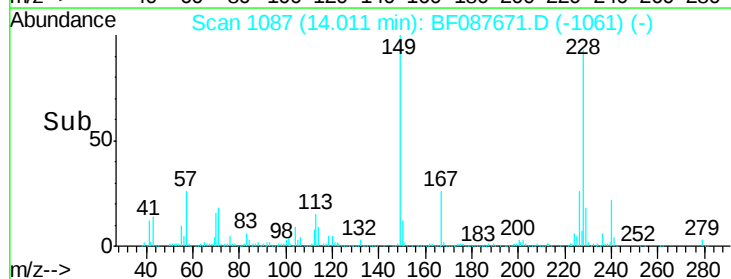
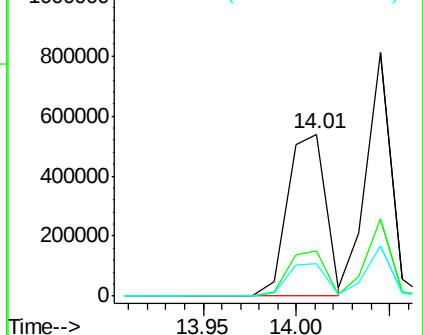
229 19.8 16.0 24.0

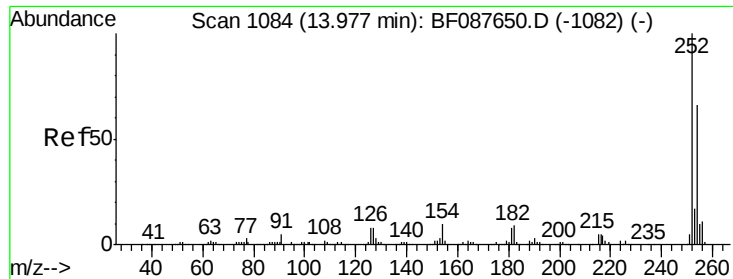


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

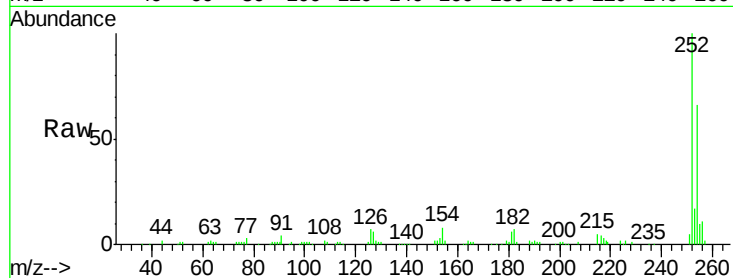




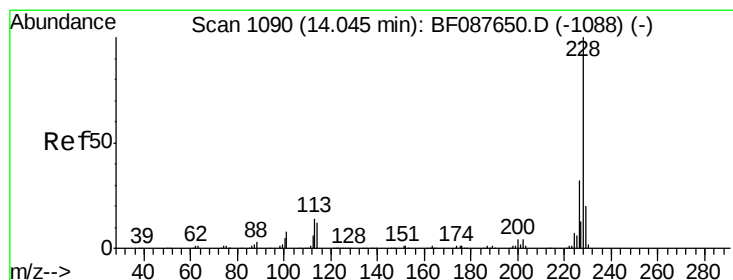
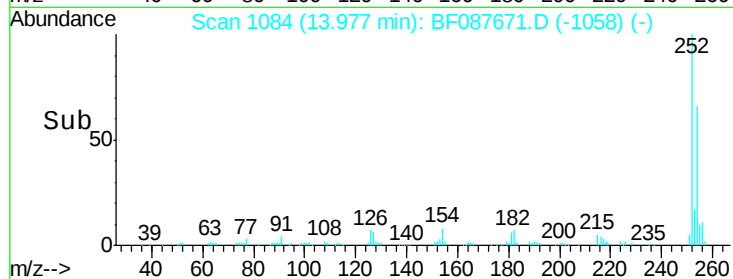
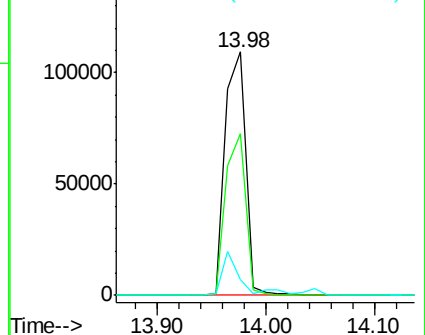
#81
 3,3'-Dichlorobenzidine
 Concen: 26.96 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleID :
 PB91024BS

Tgt Ion: 252 Resp: 143498
 Ion Ratio Lower Upper
 252 100
 254 66.2 52.6 78.8
 126 6.5 6.2 9.2

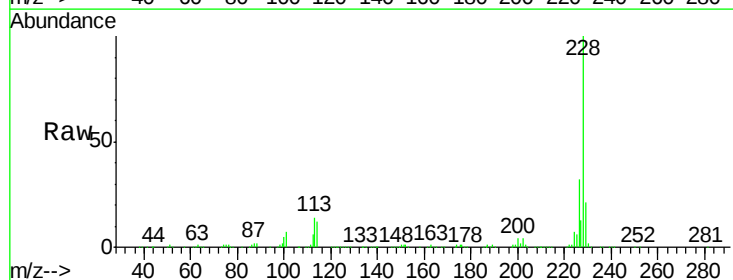


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

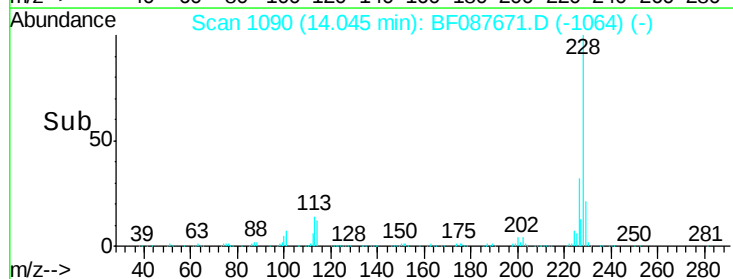
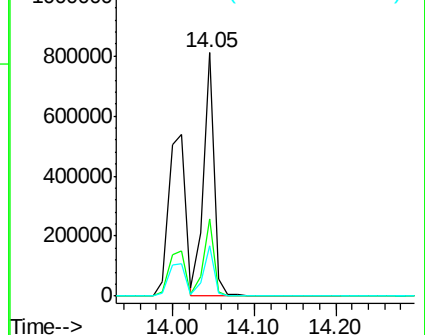


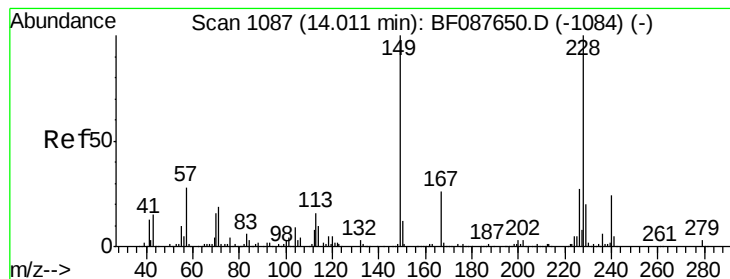
#82
 Chrysene
 Concen: 40.15 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion: 228 Resp: 753770
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.4 38.2
 229 20.5 16.3 24.5



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.22 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

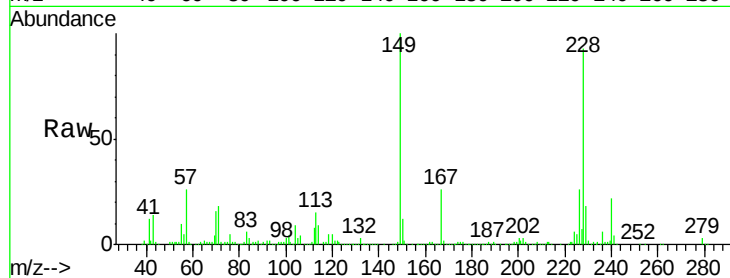
Tgt Ion:149 Resp: 509407

Ion Ratio Lower Upper

149 100

167 26.0 20.5 30.7

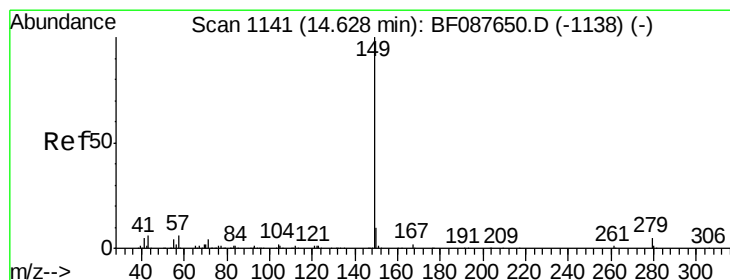
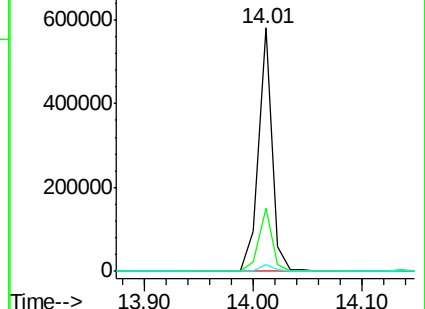
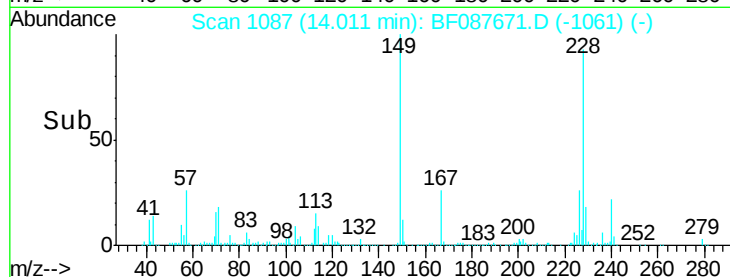
279 2.8 2.0 3.0



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: 42.56 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

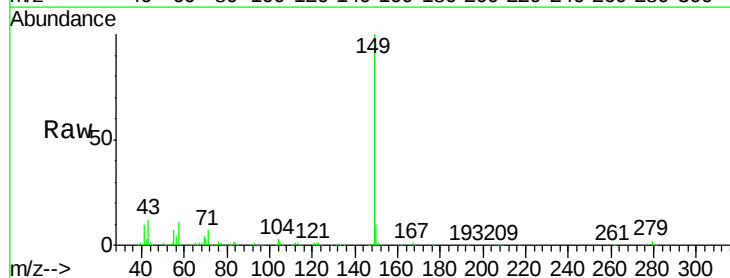
Tgt Ion:149 Resp: 932626

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

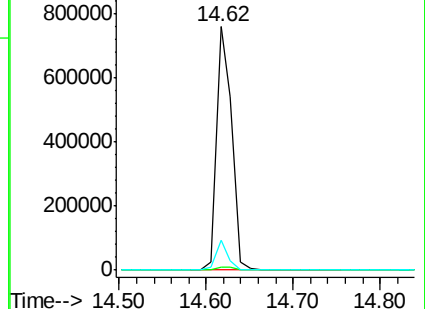
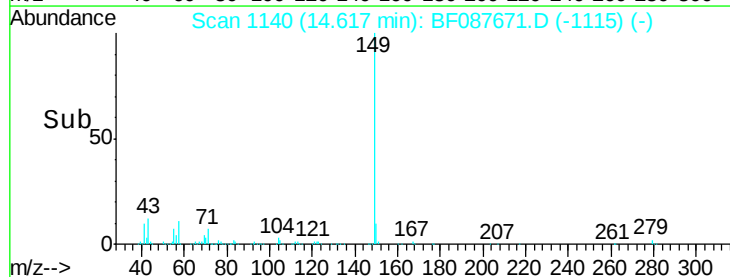
43 9.9 0.0 0.0#

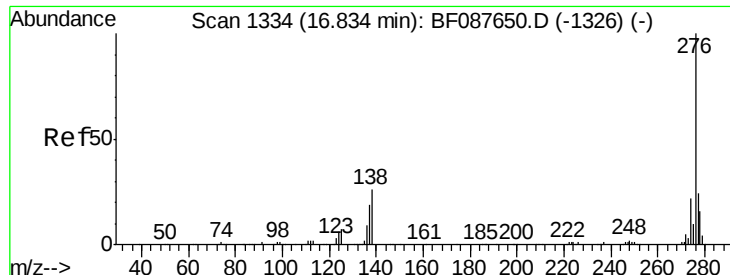


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

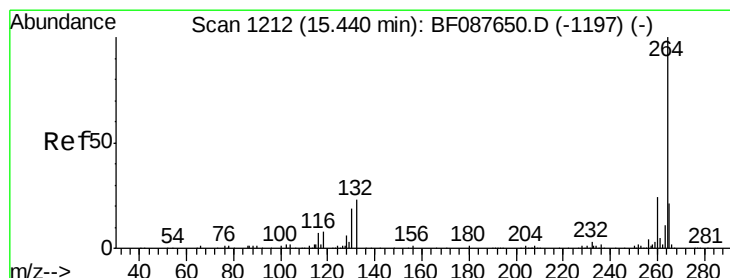
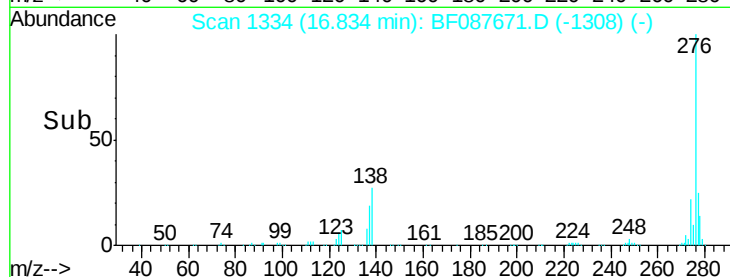
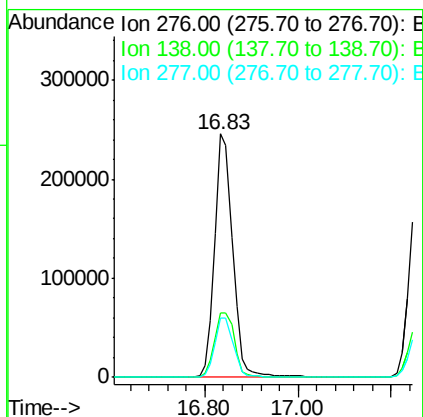
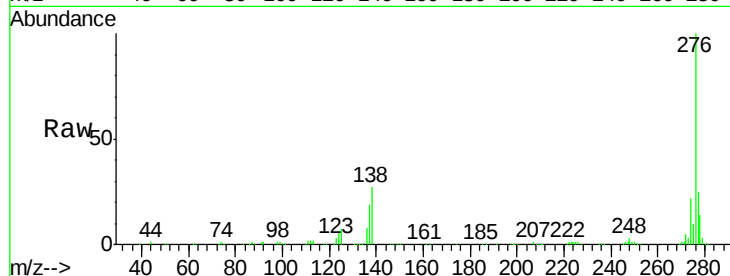




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.62 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

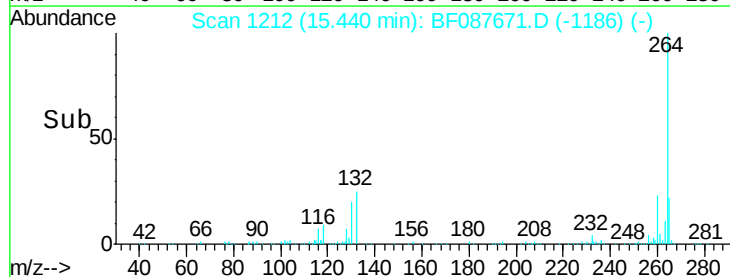
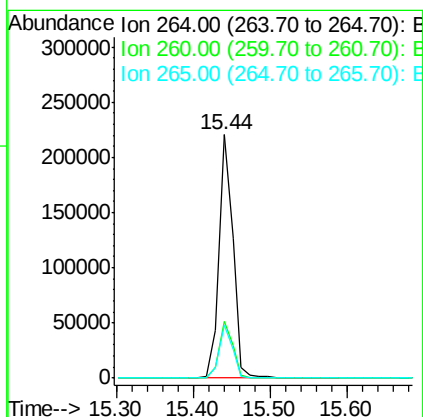
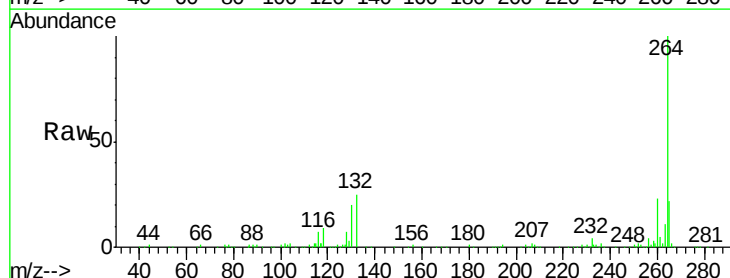
Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

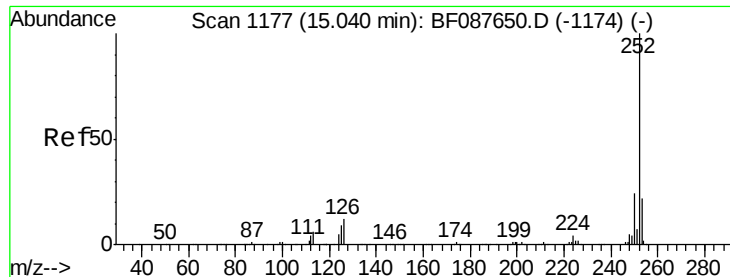
Tgt Ion: 276 Resp: 661396
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Tgt Ion: 264 Resp: 281775
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.8 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 41.25 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

Instrument :

BNA_F

ClientSampleId :

PB91024BS

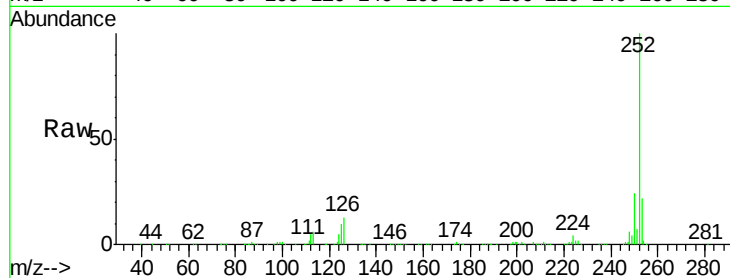
Tgt Ion:252 Resp: 756062

Ion Ratio Lower Upper

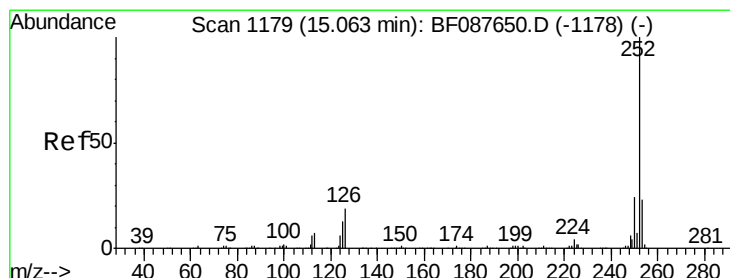
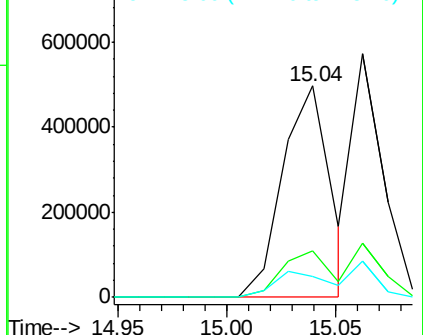
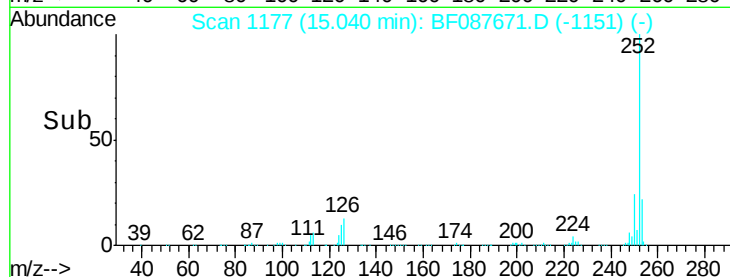
252 100

253 21.9 17.4 26.2

125 9.7 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.58 ng

RT: 15.04 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BF087671.D

Acq: 4 Jun 2016 17:45

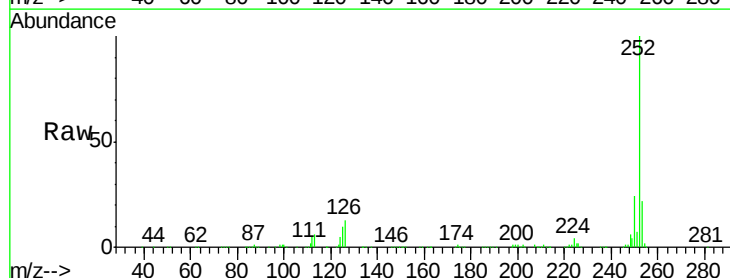
Tgt Ion:252 Resp: 756062

Ion Ratio Lower Upper

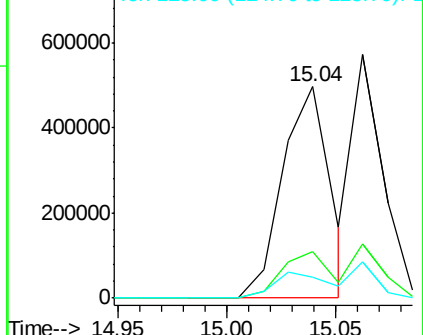
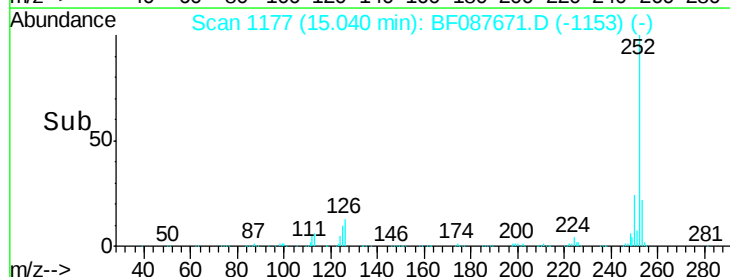
252 100

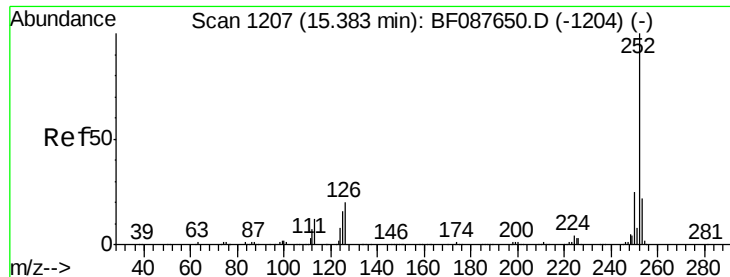
253 21.9 18.0 27.0

125 9.7 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

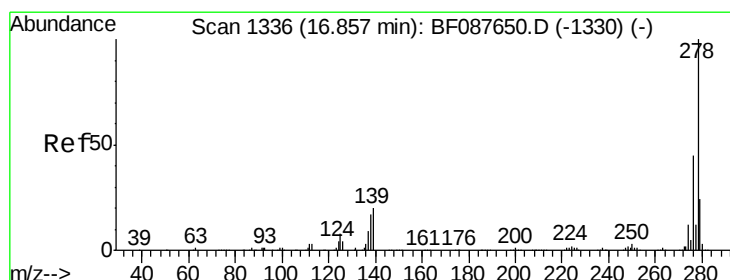
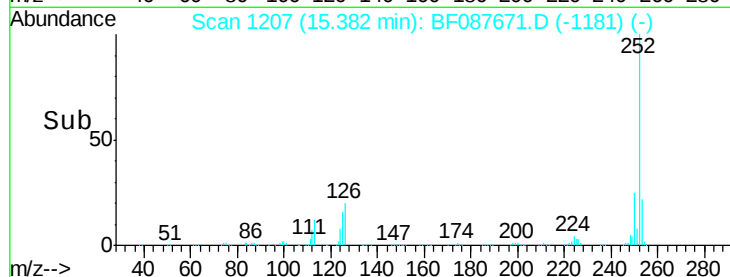
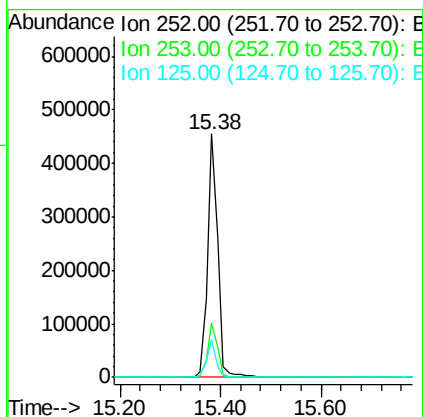
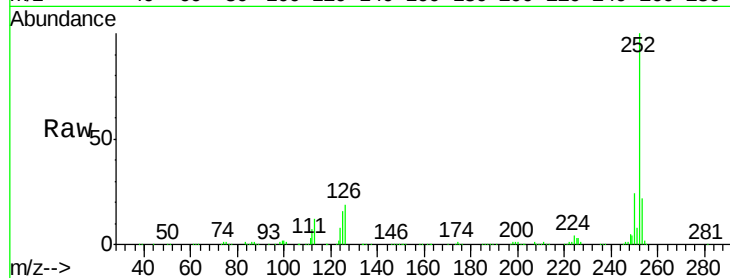




#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

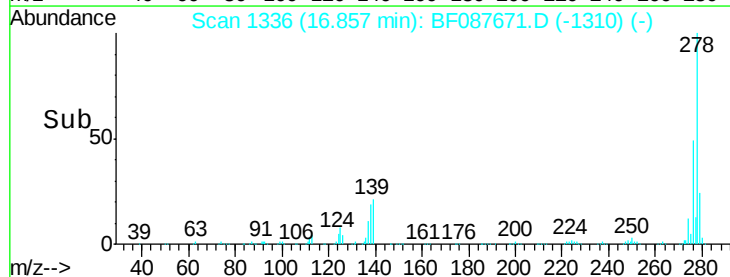
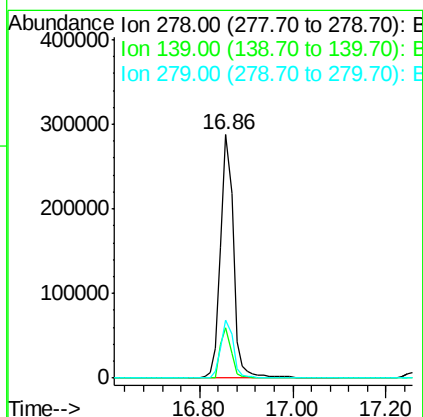
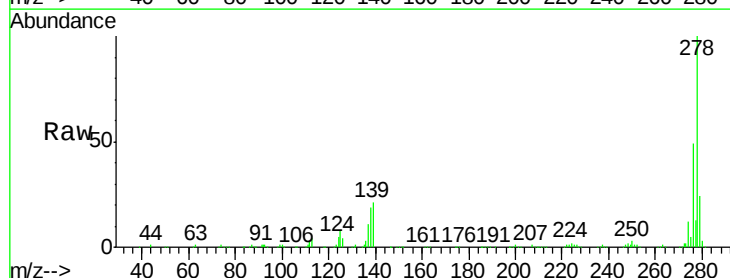
Instrument :
BNA_F
ClientSampleId :
PB91024BS

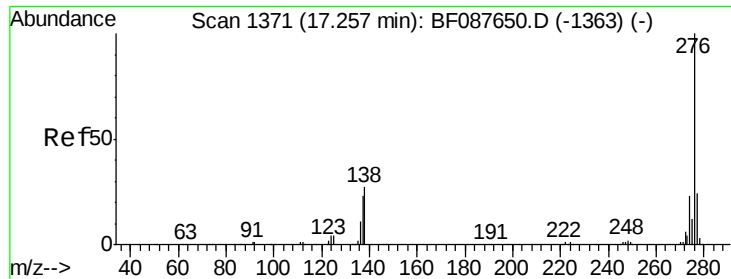
Tgt Ion:252 Resp: 629307
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 15.5 12.5 18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.84 ng
RT: 16.86 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF087671.D
Acq: 4 Jun 2016 17:45

Tgt Ion:278 Resp: 548574
Ion Ratio Lower Upper
278 100
139 20.7 15.7 23.5
279 24.1 19.4 29.2

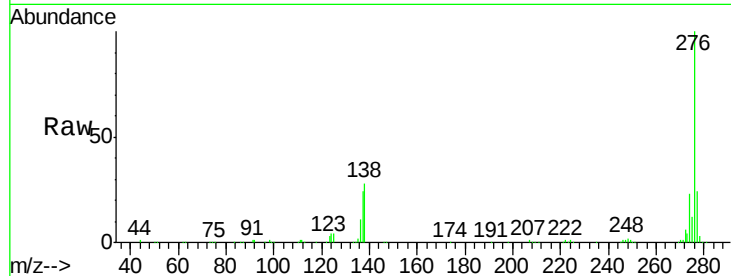




#91
 Benzo(g,h,i)perylene
 Concen: 41.98 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087671.D
 Acq: 4 Jun 2016 17:45

Instrument :
 BNA_F
 ClientSampleId :
 PB91024BS

Tgt Ion:	276	Resp:	555397
Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	27.9	21.4	32.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

