

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087675.D
 Acq On : 4 Jun 2016 19:47
 Operator : UM/SJ
 Sample : PB91096BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Quant Time: Jun 05 01:03:02 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	117690	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	500593	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	229236	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	407628	20.00	ng	0.00
75) Chrysene-d12	14.02	240	310522	20.00	ng	0.00
86) Perylene-d12	15.44	264	270580	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	758558	104.18	ng	0.01
7) Phenol-d6	6.49	99	1026207	112.38	ng	0.00
23) Nitrobenzene-d5	7.43	82	681578	78.77	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	279918	121.65	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1251382	83.22	ng	0.00
78) Terphenyl-d14	12.97	244	992468	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	112299	31.91	ng	# 27
3) Pyridine	3.29	79	286077	30.77	ng	99
4) n-Nitrosodimethylamine	3.23	42	154989	39.46	ng	100
6) Aniline	6.52	93	357536	27.62	ng	99
8) 2-Chlorophenol	6.64	128	326249	38.94	ng	97
9) Benzaldehyde	6.40	77	22399	3.63	ng	88
10) Phenol	6.50	94	444887	42.79	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	285646	37.81	ng	100
12) 1,3-Dichlorobenzene	6.80	146	335624	37.41	ng	99
13) 1,4-Dichlorobenzene	6.88	146	354348	39.36	ng	98
14) 1,2-Dichlorobenzene	6.88	146	354348	41.99	ng	98
15) Benzyl Alcohol	7.00	79	232408	34.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	428537	38.89	ng	97
17) 2-Methylphenol	7.12	107	292306	43.45	ng	96
18) Hexachloroethane	7.37	117	123953	39.38	ng	# 83
19) n-Nitroso-di-n-propylamine	7.28	70	210473	36.91	ng	97
20) 3+4-Methylphenols	7.27	107	325954	39.54	ng	93
22) Acetophenone	7.27	105	442567	39.03	ng	# 82
24) Nitrobenzene	7.44	77	316577	36.56	ng	# 86
25) Isophorone	7.69	82	619338	39.32	ng	97
26) 2-Nitrophenol	7.76	139	163051	40.52	ng	96
27) 2,4-Dimethylphenol	7.80	122	356041	42.70	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	361822	36.21	ng	97
29) 2,4-Dichlorophenol	8.00	162	266658	38.94	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	290793	40.55	ng	98
31) Naphthalene	8.17	128	1003492	41.23	ng	99
32) Benzoic acid	7.92	122	207968	41.34	ng	99
33) 4-Chloroaniline	8.22	127	252226	23.86	ng	95
34) Hexachlorobutadiene	8.30	225	141961	38.07	ng	99
35) Caprolactam	8.58	113	56041	24.91	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	287500	40.58	ng	97
37) 2-Methylnaphthalene	8.86	142	612914	38.13	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	253251	40.09	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	279989	75.34	ng	99

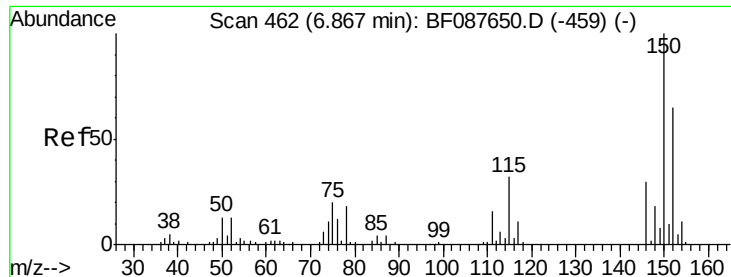
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	185166	38.81	ng	100
43) 2,4,5-Trichlorophenol	9.18	196	202749	45.66	ng #	89
45) 1,1'-Biphenyl	9.32	154	707410	38.02	ng	99
46) 2-Chloronaphthalene	9.35	162	558814	37.73	ng	100
47) 2-Nitroaniline	9.44	65	162136	38.88	ng	99
48) Acenaphthylene	9.77	152	958762	41.51	ng	99
49) Dimethylphthalate	9.63	163	719198	43.15	ng	100
50) 2,6-Dinitrotoluene	9.69	165	170763	45.04	ng	95
51) Acenaphthene	9.94	154	657425	44.24	ng	99
52) 3-Nitroaniline	9.85	138	113038	26.06	ng	99
53) 2,4-Dinitrophenol	9.95	184	160748	92.76	ng	92
54) Dibenzofuran	10.11	168	865471	42.78	ng	98
55) 4-Nitrophenol	10.01	139	257386	69.44	ng	94
56) 2,4-Dinitrotoluene	10.09	165	225735	46.75	ng #	81
57) Fluorene	10.46	166	600490	37.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	164981	43.13	ng #	57
59) Diethylphthalate	10.33	149	659977	39.43	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	264874	42.55	ng	99
61) 4-Nitroaniline	10.47	138	157122	37.68	ng	96
62) Azobenzene	10.60	77	725238	43.05	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	97251	43.14	ng	91
65) n-Nitrosodiphenylamine	10.56	169	538078	40.30	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	183783	45.47	ng	98
67) Hexachlorobenzene	10.99	284	178771	39.55	ng	100
68) Atrazine	11.10	200	176505	44.63	ng	99
69) Pentachlorophenol	11.19	266	229742	85.54	ng	99
70) Phenanthrene	11.40	178	861278	38.97	ng	100
71) Anthracene	11.46	178	952341	43.00	ng	100
72) Carbazole	11.61	167	819317	39.08	ng	99
73) Di-n-butylphthalate	11.95	149	1028173	45.75	ng	100
74) Fluoranthene	12.59	202	937032	43.08	ng	100
76) Benzidine	12.72	184	347009	28.34	ng	99
77) Pyrene	12.82	202	980542	44.34	ng	99
79) Butylbenzylphthalate	13.45	149	457499	48.62	ng	98
80) Benzo(a)anthracene	14.00	228	749410	41.82	ng	100
81) 3,3'-Dichlorobenzidine	13.98	252	154098	30.48	ng	100
82) Chrysene	14.05	228	764778	42.88	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	530840	47.40	ng #	98
84) Di-n-octyl phthalate	14.62	149	943214	45.30	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	656414	44.52	ng #	100
87) Benzo(b)fluoranthene	15.06	252	1339499	76.10	ng #	94
88) Benzo(k)fluoranthene	15.06	252	1340168	91.51	ng	99
89) Benzo(a)pyrene	15.38	252	624826	42.23	ng	99
90) Dibenzo(a,h)anthracene	16.86	278	549500	43.64	ng	99
91) Benzo(g,h,i)perylene	17.26	276	546149	42.99	ng	100

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

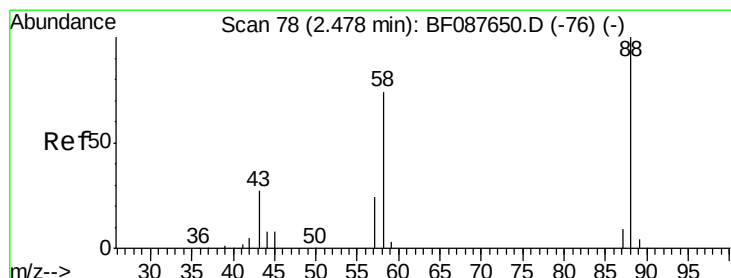
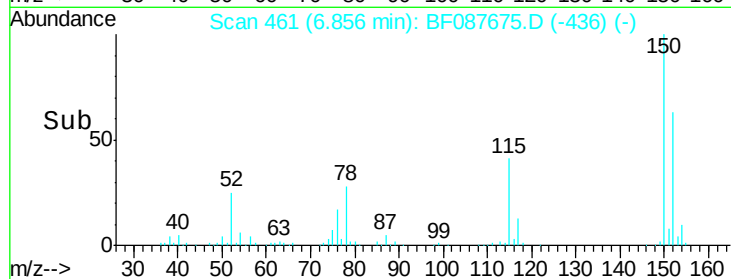
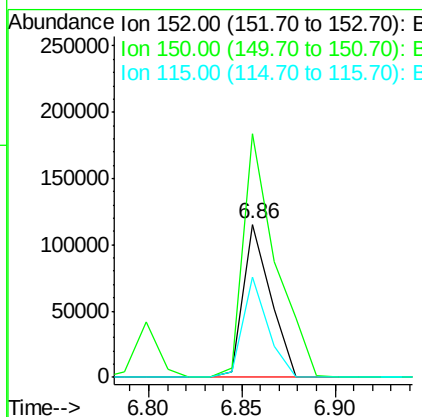
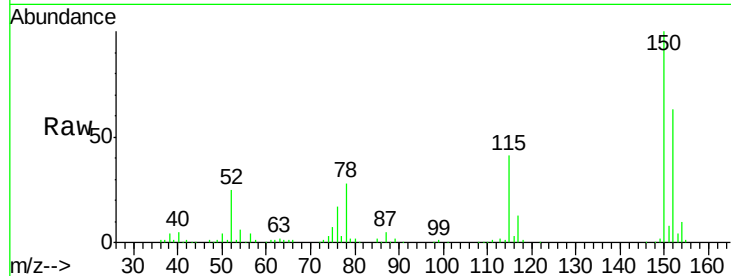


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

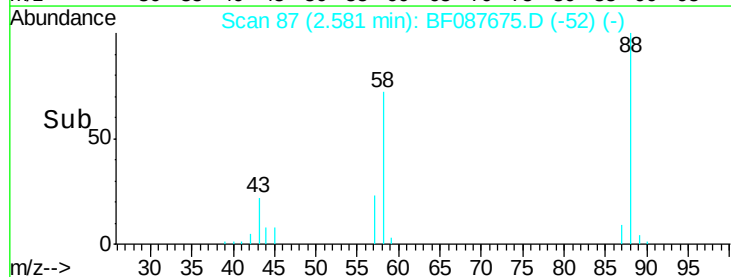
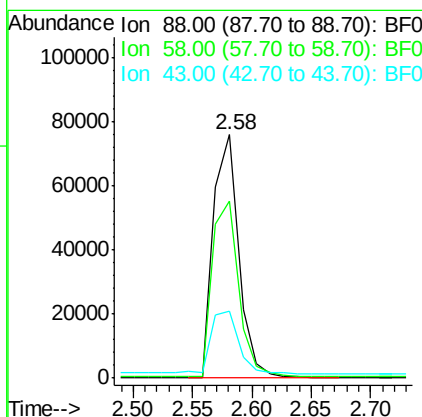
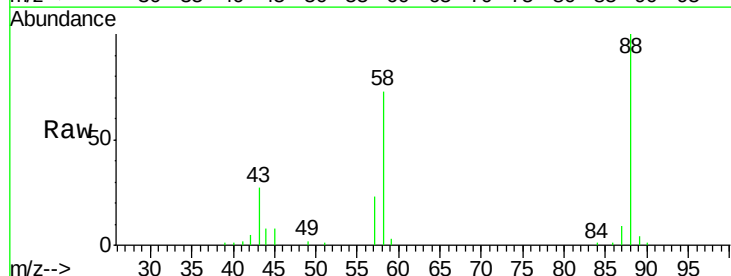
Tgt Ion:152 Resp: 117690
Ion Ratio Lower Upper
152 100
150 158.8 123.8 185.6
115 65.2 39.6 59.4#

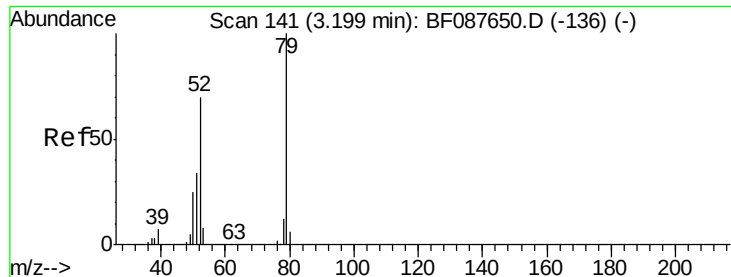


#2

1,4-Dioxane
Concen: 31.91 ng
RT: 2.58 min Scan# 87
Delta R.T. 0.10 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion: 88 Resp: 112299
Ion Ratio Lower Upper
88 100
58 75.3 0.0 0.0#
43 28.3 3.4 5.2#





#3

Pyridine

Concen: 30.77 ng

RT: 3.29 min Scan# 149

Delta R.T. 0.09 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

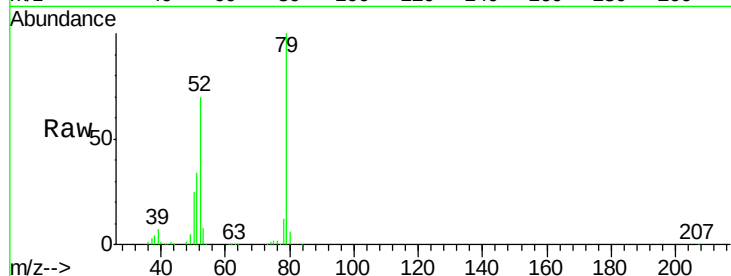
Tgt Ion: 79 Resp: 286077

Ion Ratio Lower Upper

79 100

52 69.8 56.3 84.5

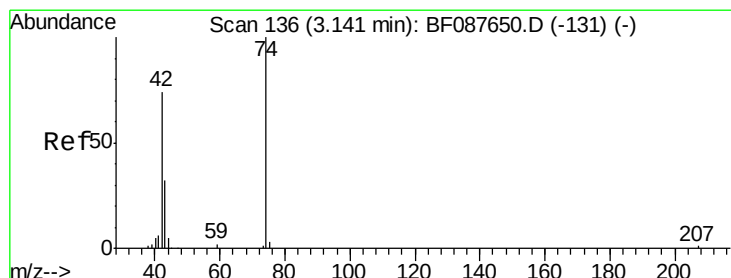
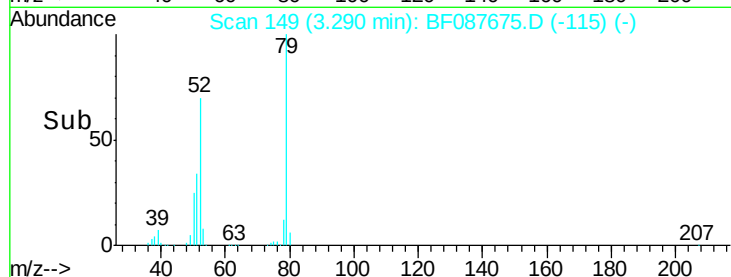
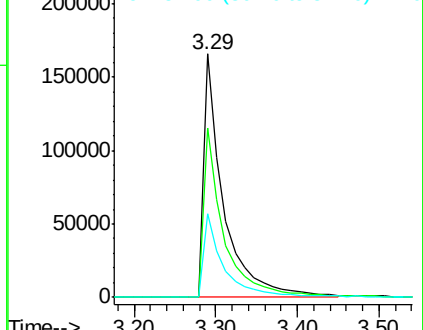
51 34.2 27.4 41.2



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: 39.46 ng

RT: 3.23 min Scan# 144

Delta R.T. 0.09 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

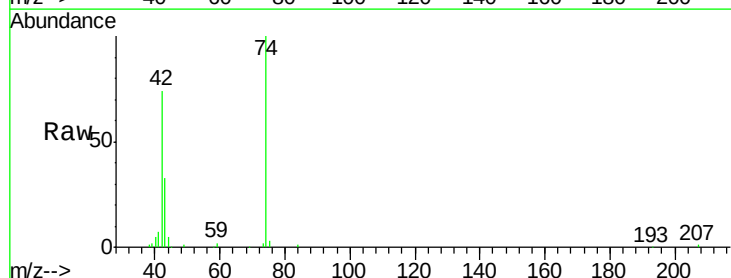
Tgt Ion: 42 Resp: 154989

Ion Ratio Lower Upper

42 100

74 135.3 108.6 163.0

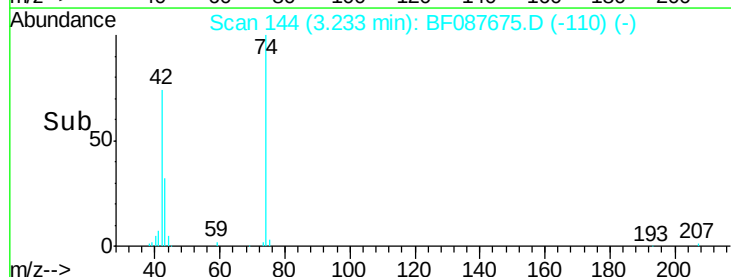
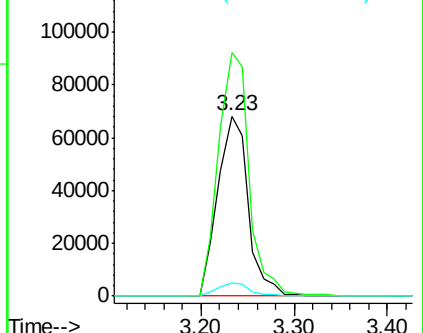
44 7.1 5.5 8.3

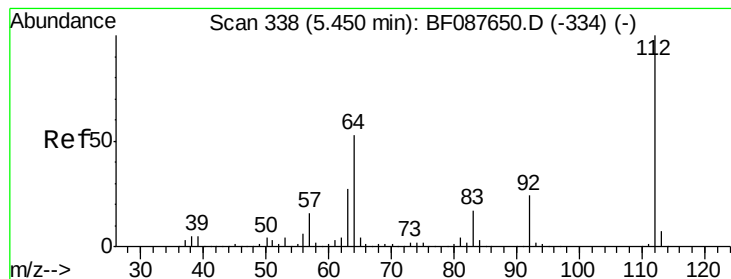


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 104.18 ng

RT: 5.46 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

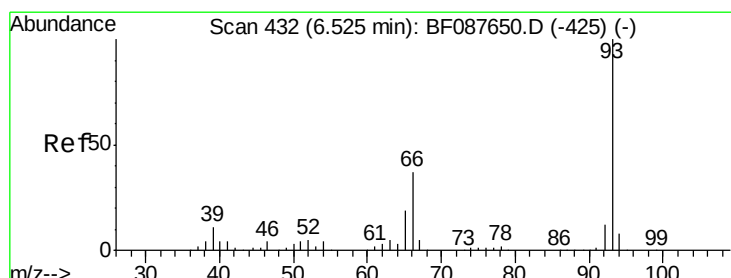
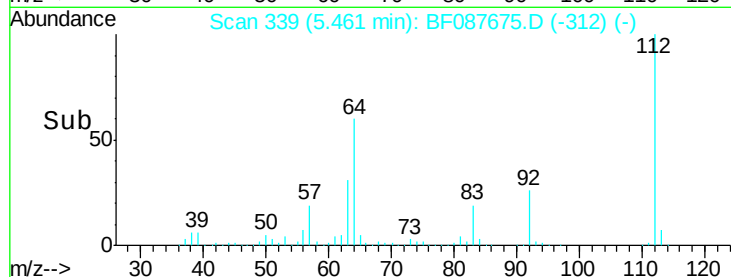
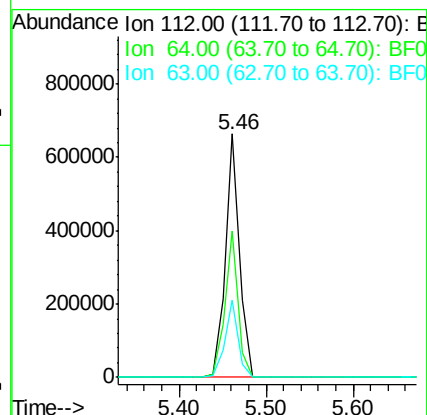
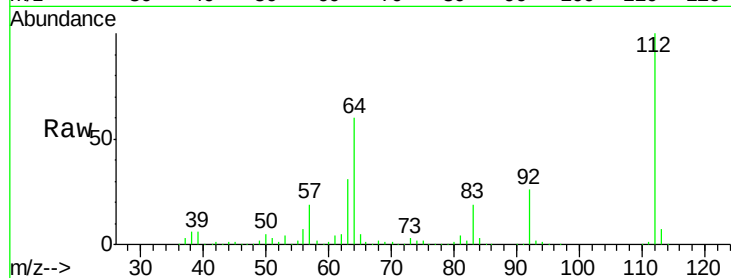
Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tgt Ion:	112	Resp:	758558
Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.2	63.2
63	31.5	21.8	32.8



#6

Aniline

Concen: 27.62 ng

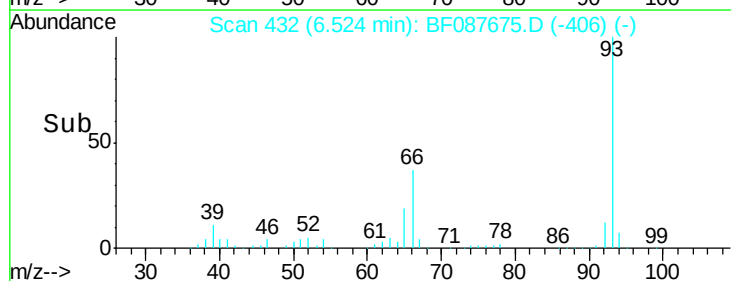
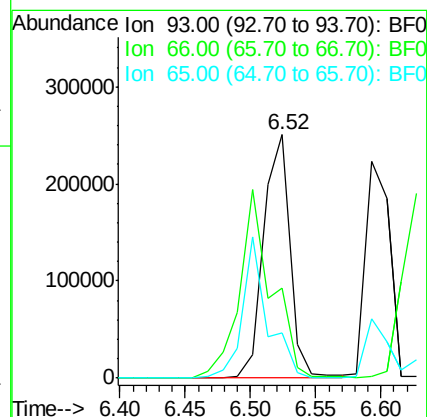
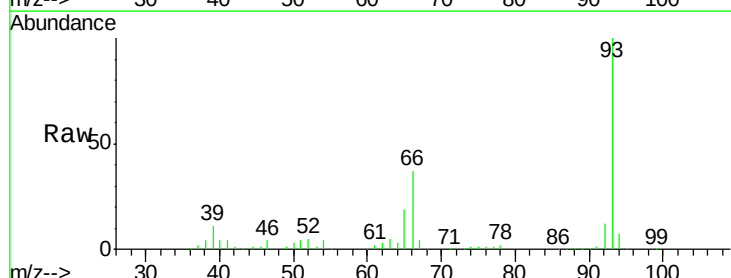
RT: 6.52 min Scan# 432

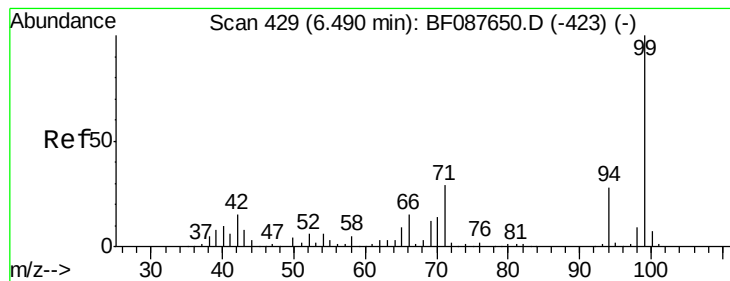
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:	93	Resp:	357536
Ion	Ratio	Lower	Upper
93	100		
66	36.9	29.8	44.8
65	18.7	14.9	22.3





#7

Phenol-d6

Concen: 112.38 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

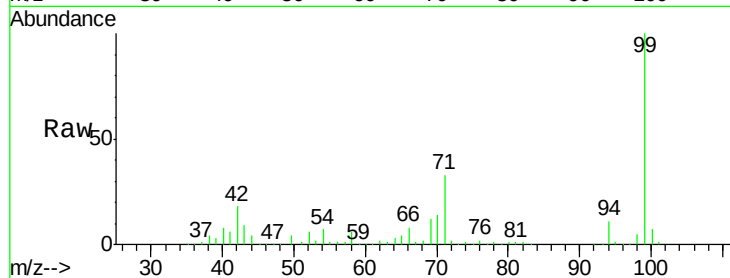
BNA_F

ClientSampleId :

PB91096BS

Tgt Ion: 99 Resp: 1026207

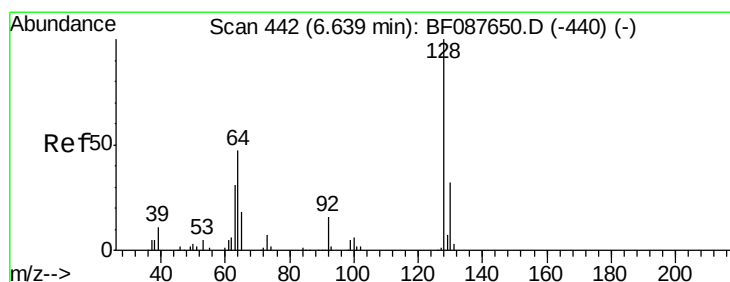
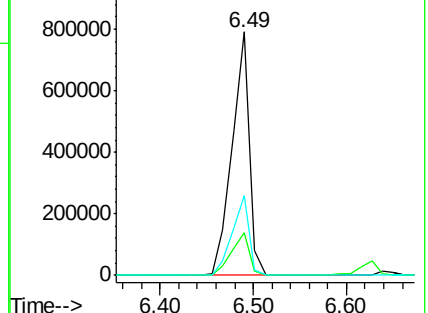
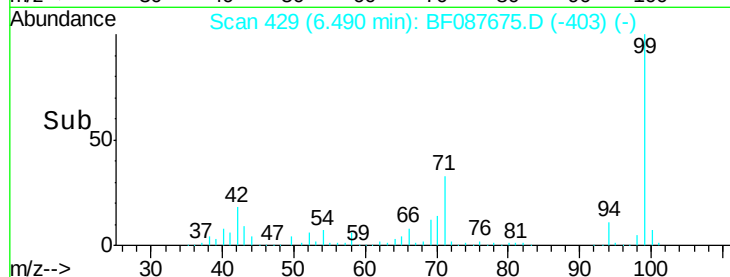
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	32.9	23.4	35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.94 ng

RT: 6.64 min Scan# 442

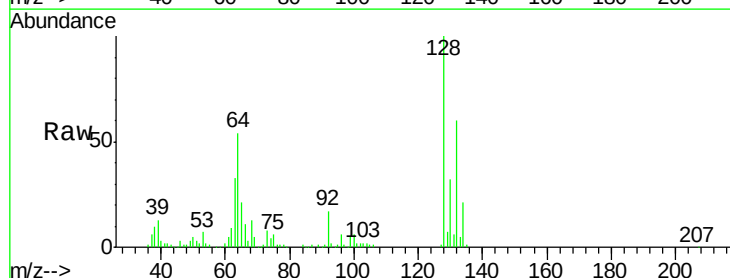
Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion: 128 Resp: 326249

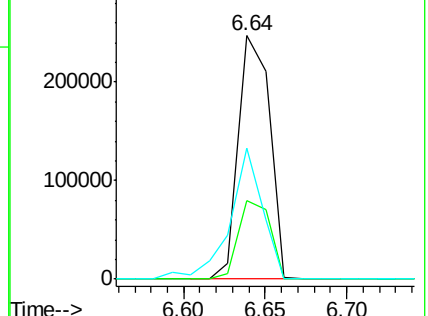
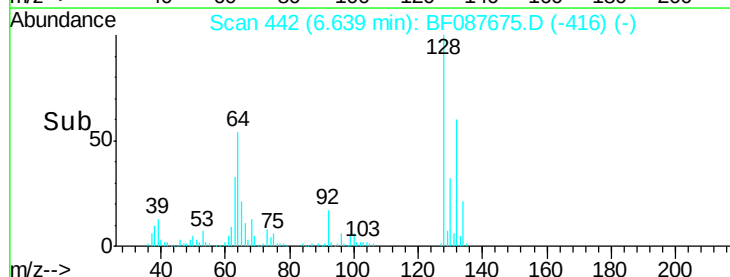
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	53.7	30.8	70.8

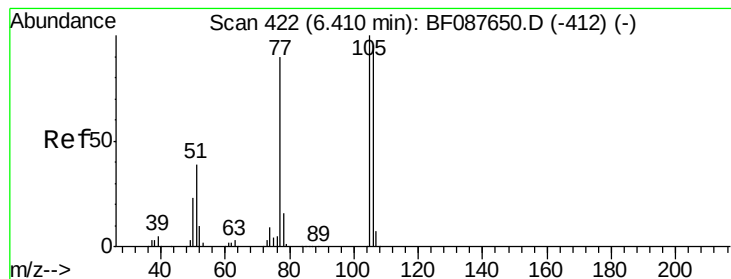


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.63 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

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PB91096BS

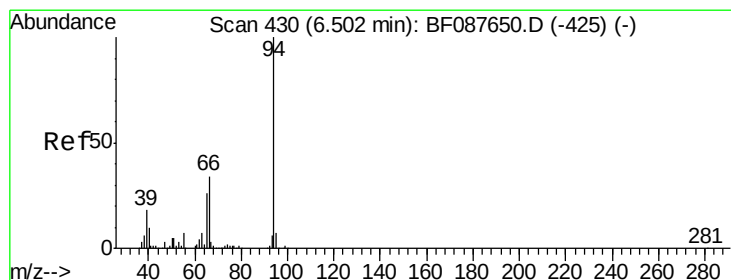
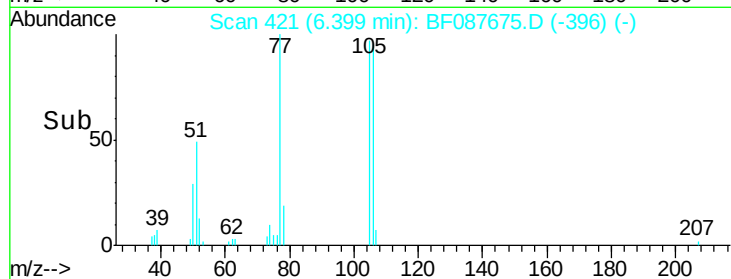
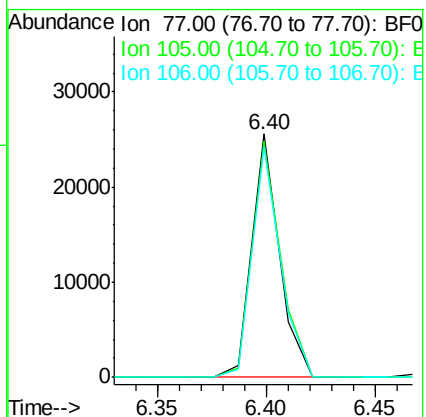
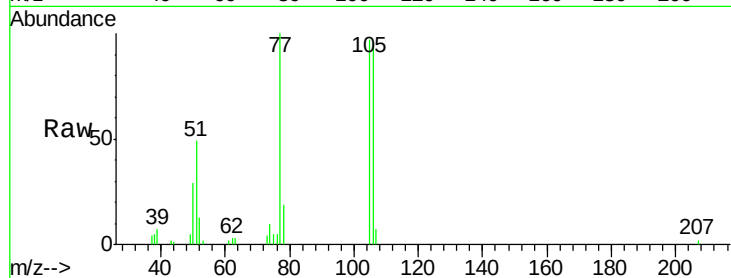
Tgt Ion: 77 Resp: 22399

Ion Ratio Lower Upper

77 100

105 96.8 90.6 130.6

106 94.6 85.3 125.3



#10

Phenol

Concen: 42.79 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

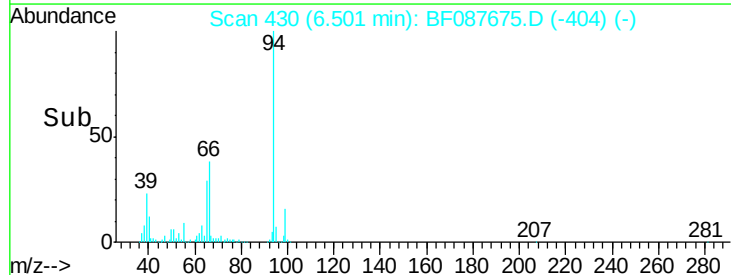
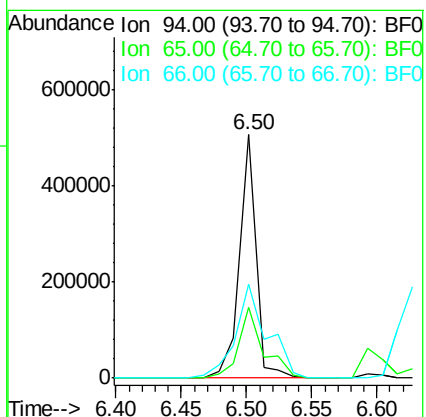
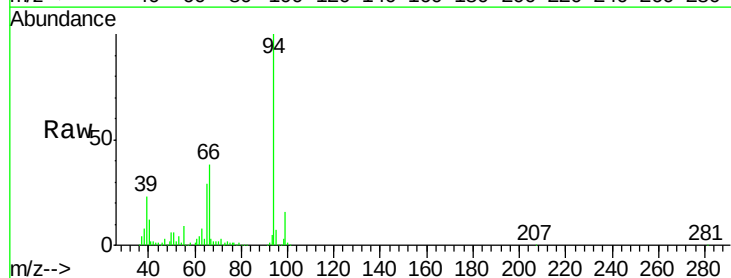
Tgt Ion: 94 Resp: 444887

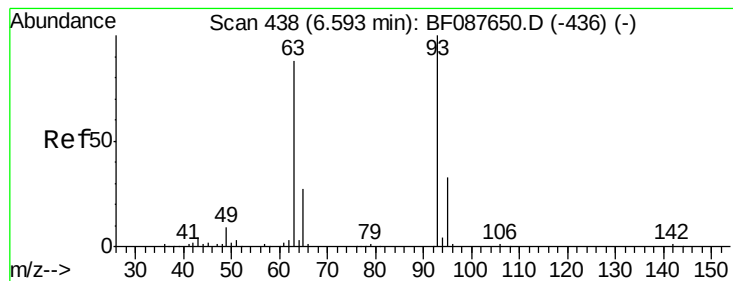
Ion Ratio Lower Upper

94 100

65 28.9 5.9 45.9

66 38.4 14.0 54.0

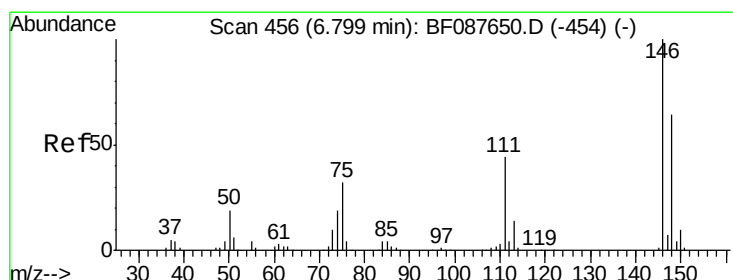
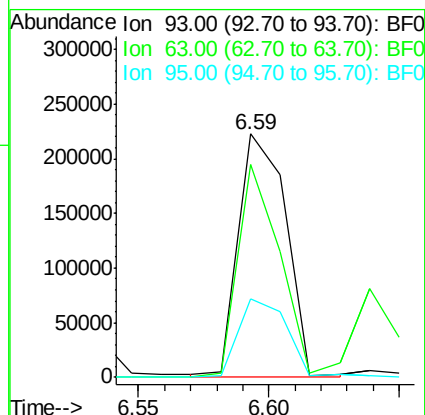
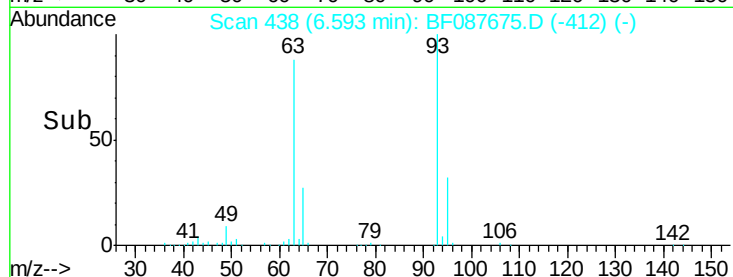
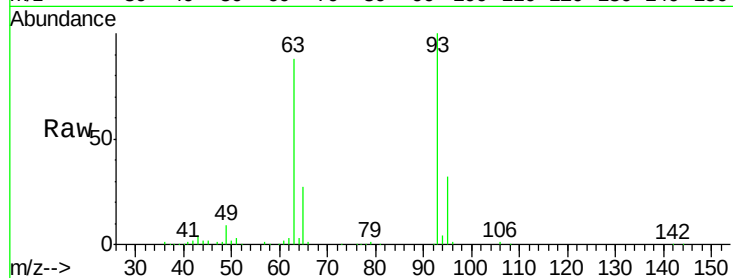




#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

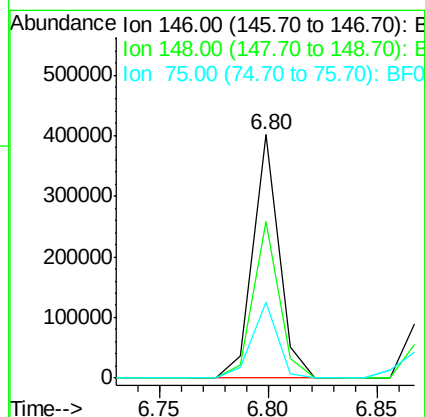
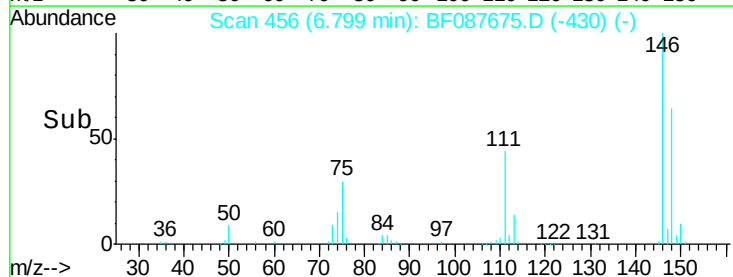
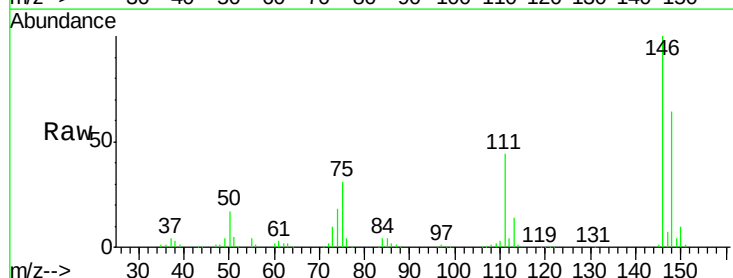
Instrument :
BNA_F
ClientSampleId :
PB91096BS

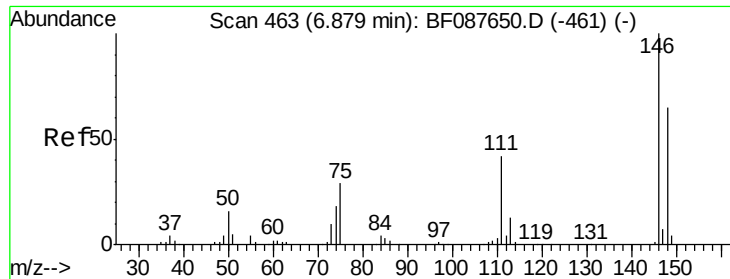
Tgt Ion: 93 Resp: 285646
Ion Ratio Lower Upper
93 100
63 87.6 67.6 107.6
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.41 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion: 146 Resp: 335624
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
75 31.0 25.6 38.4

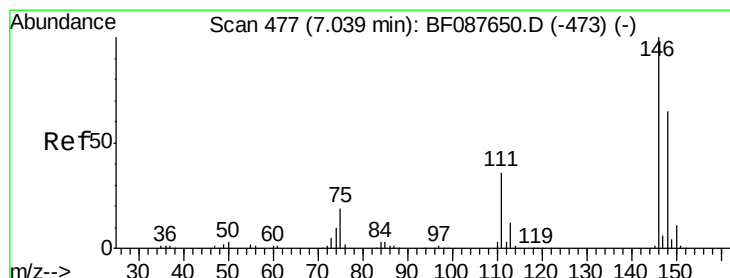
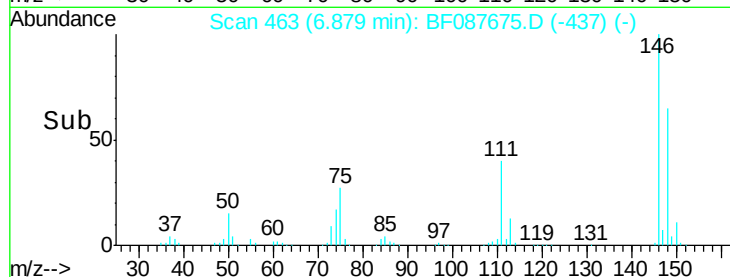
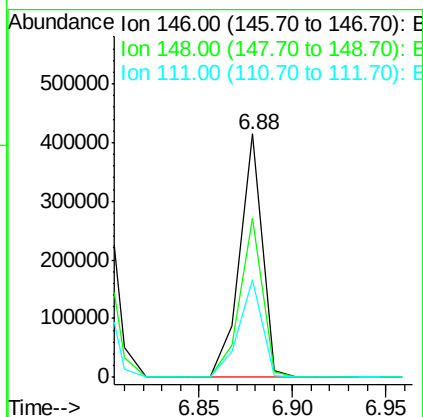
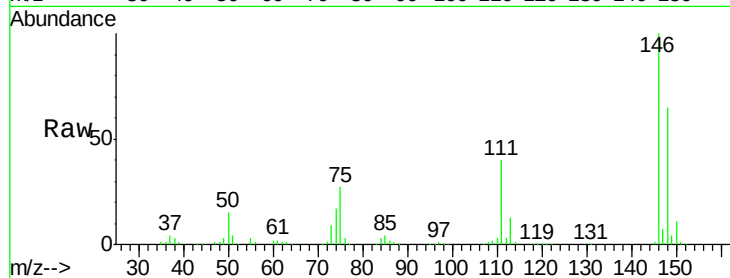




#13
 1,4-Dichlorobenzene
 Concen: 39.36 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

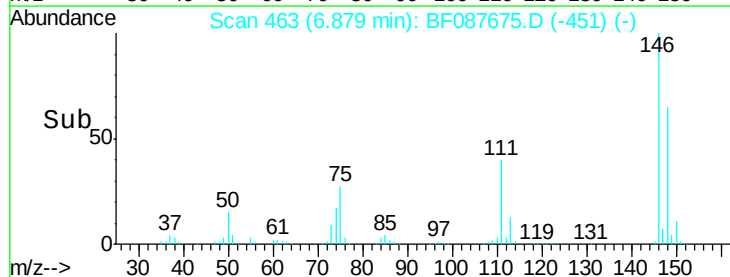
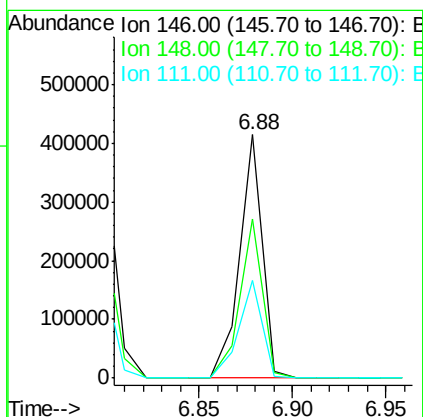
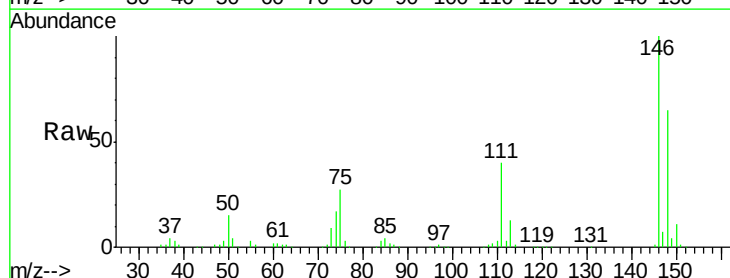
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

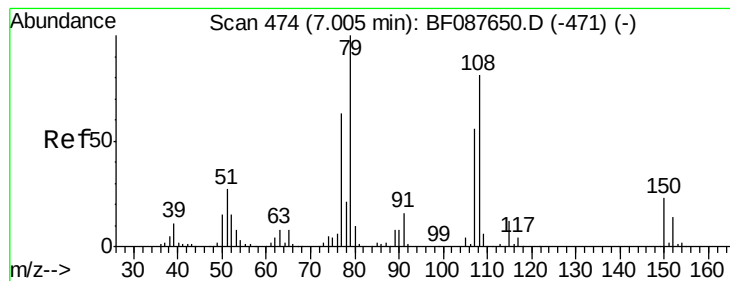
Tgt Ion:146 Resp: 354348
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.0 78.0
 111 39.9 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 41.99 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.16 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:146 Resp: 354348
 Ion Ratio Lower Upper
 146 100
 148 65.3 52.3 78.5
 111 39.9 28.7 43.1





#15

Benzyl Alcohol

Concen: 34.45 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

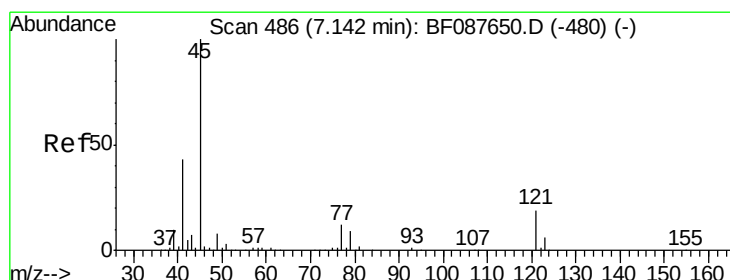
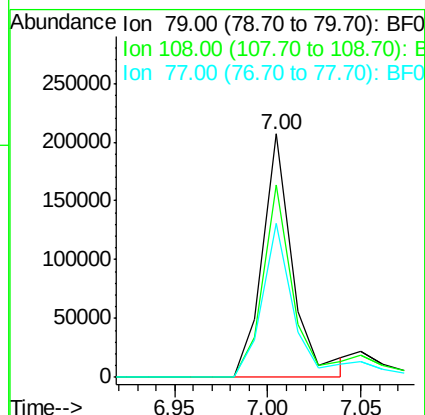
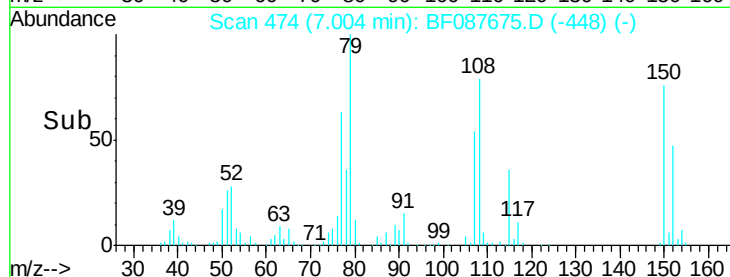
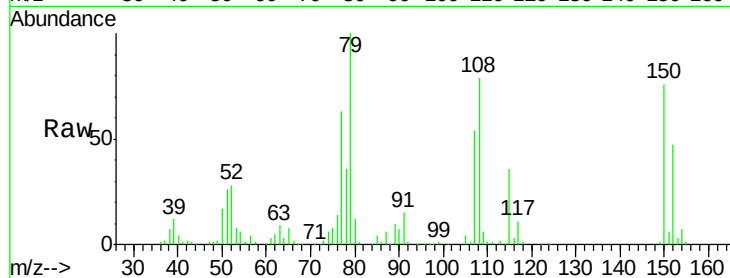
Tgt Ion: 79 Resp: 232408

Ion Ratio Lower Upper

79 100

108 79.1 65.0 97.6

77 63.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.89 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

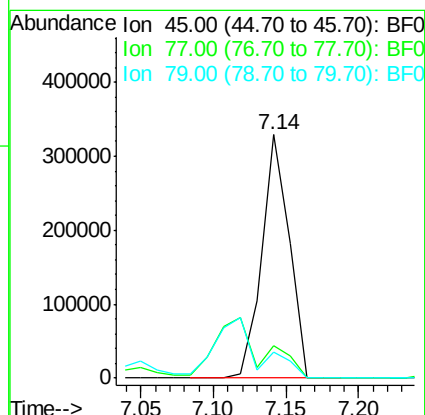
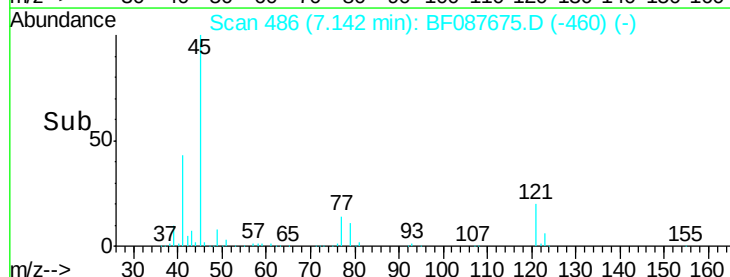
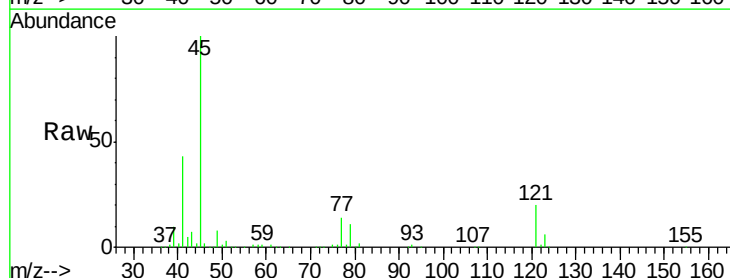
Tgt Ion: 45 Resp: 428537

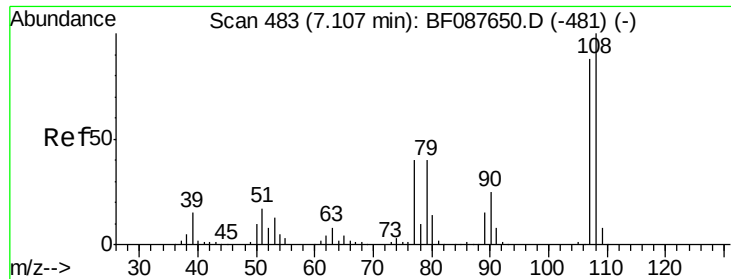
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.5

79 10.6 0.0 29.5

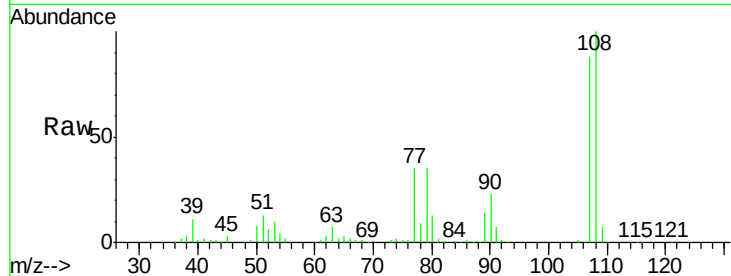




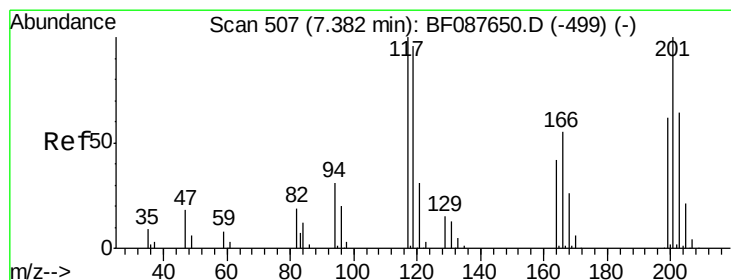
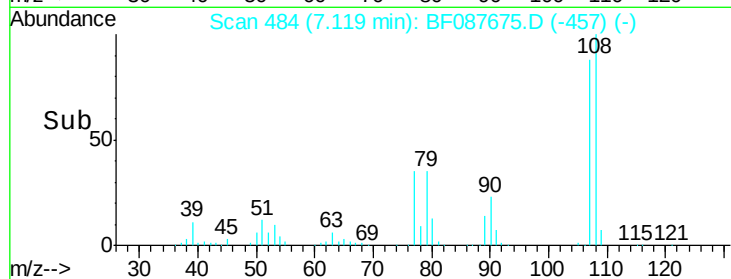
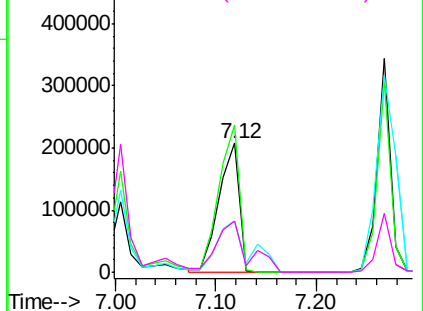
#17
2-Methylphenol
Concen: 43.45 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tgt Ion:107 Resp: 292306
Ion Ratio Lower Upper
107 100
108 113.9 90.9 136.3
77 39.6 36.6 55.0
79 39.4 36.5 54.7

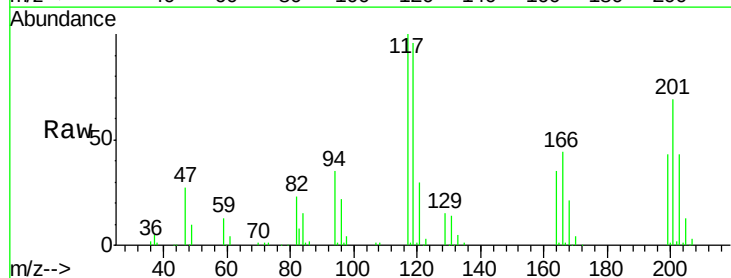


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

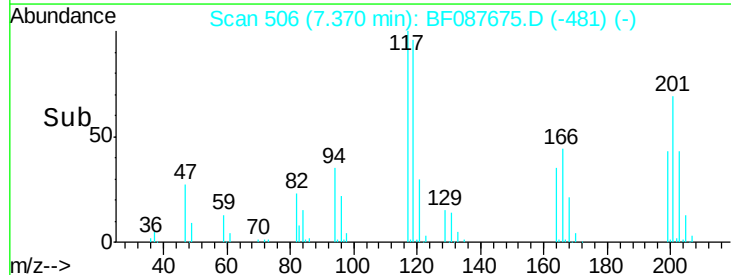
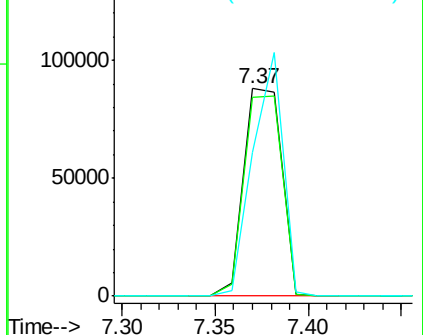


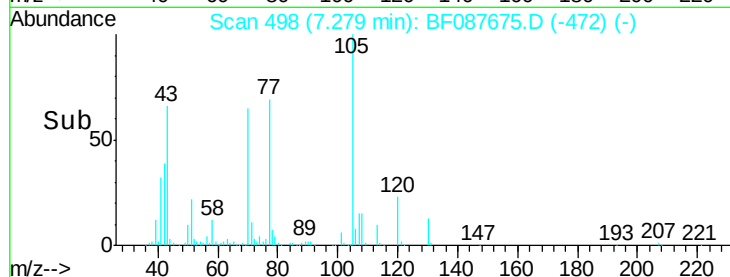
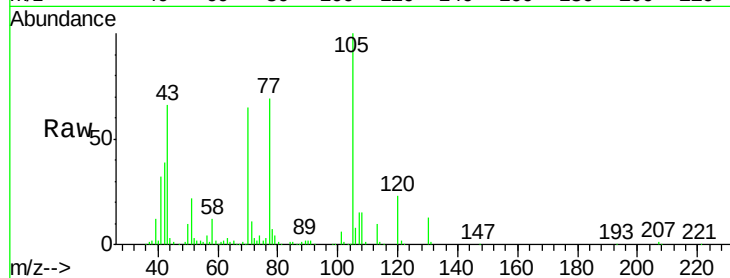
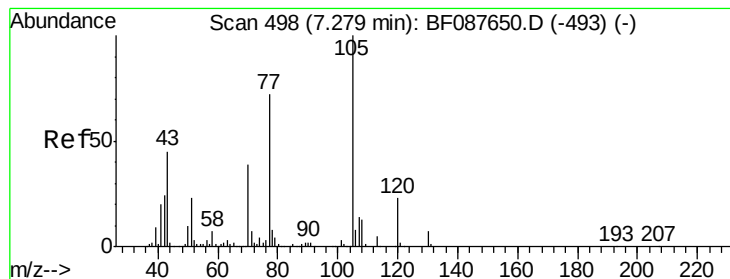
#18
Hexachloroethane
Concen: 39.38 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:117 Resp: 123953
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 69.1 80.4 120.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.91 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tgt Ion: 70 Resp: 210473

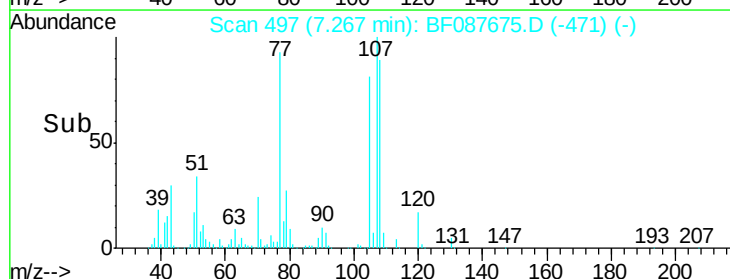
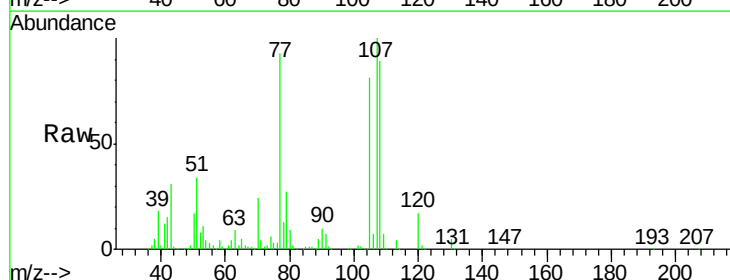
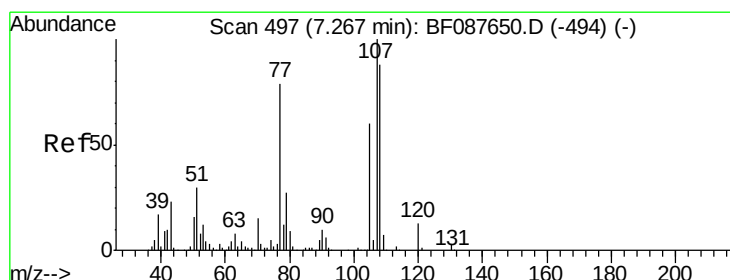
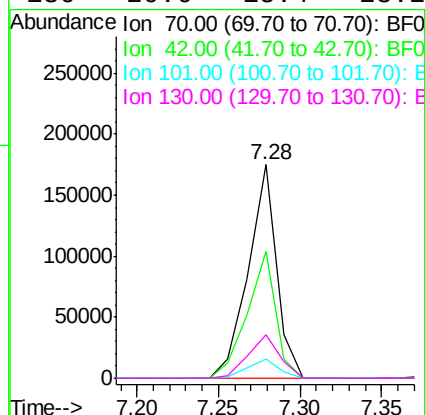
Ion Ratio Lower Upper

70 100

42 59.4 49.6 74.4

101 9.2 7.1 10.7

130 20.6 15.4 23.2



#20

3+4-Methylphenols

Concen: 39.54 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion: 107 Resp: 325954

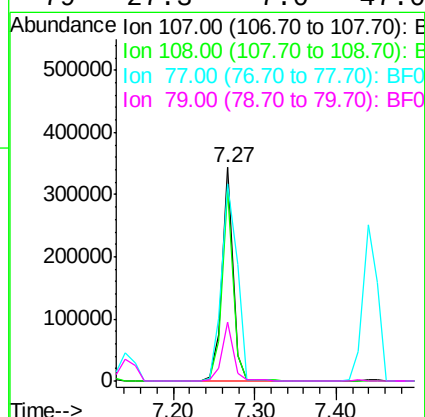
Ion Ratio Lower Upper

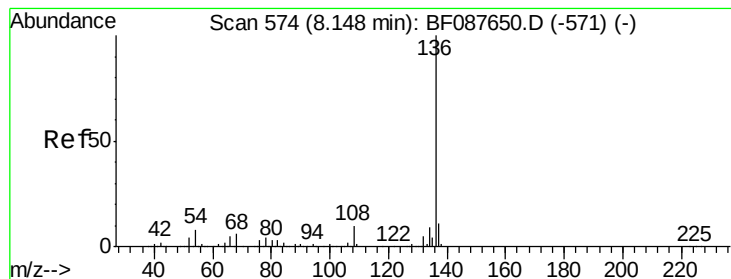
107 100

108 89.1 67.8 107.8

77 92.6 59.3 99.3

79 27.3 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tgt Ion:136 Resp: 500593

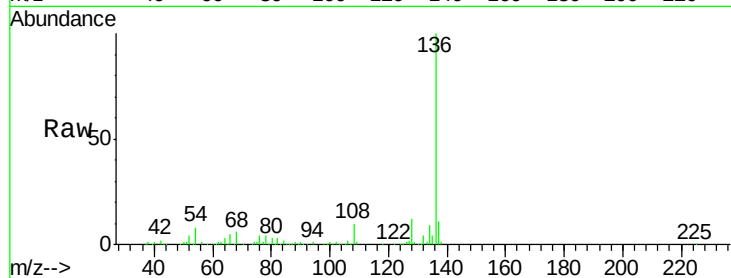
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.6 6.6 10.0

68 6.0 5.1 7.7

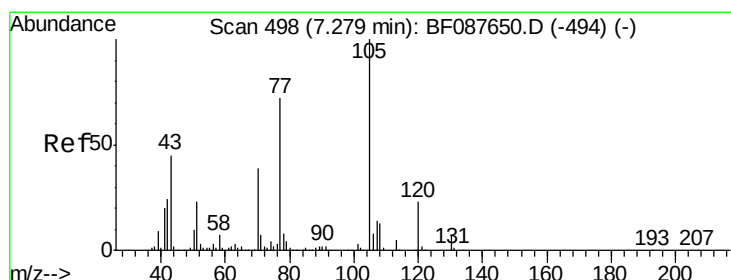
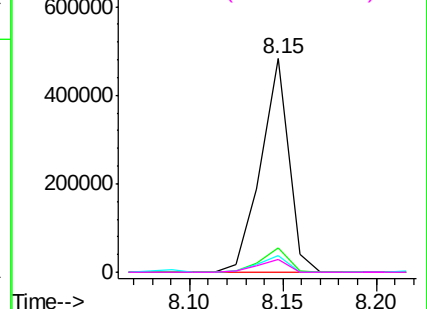
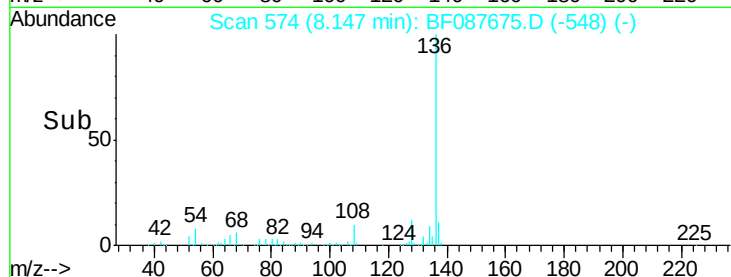


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.03 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:105 Resp: 442567

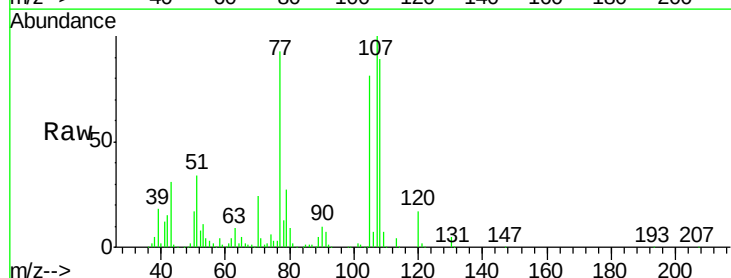
Ion Ratio Lower Upper

105 100

71 5.0 5.3 7.9#

51 41.5 18.2 27.4#

120 21.7 18.0 27.0

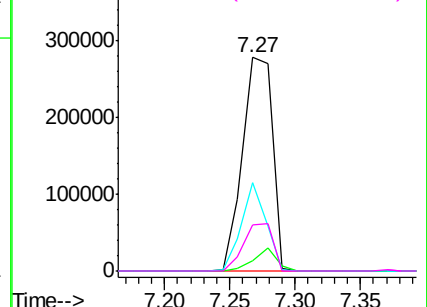
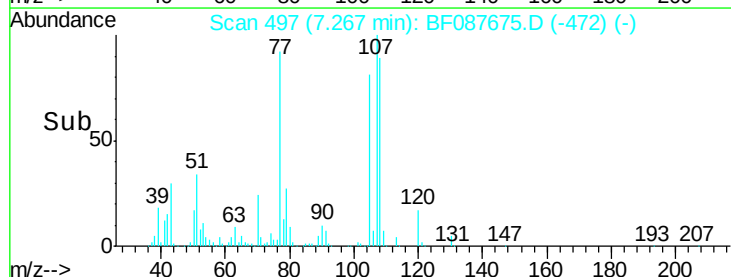


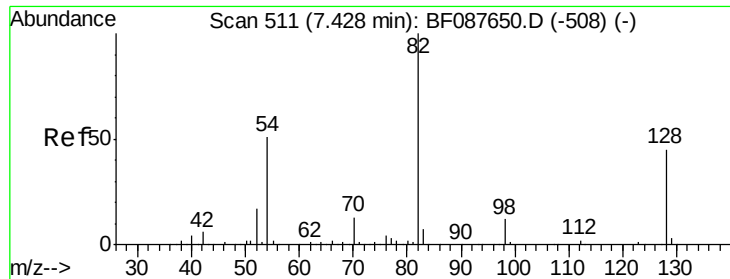
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

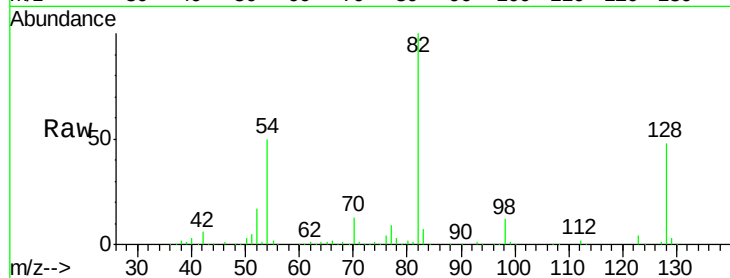




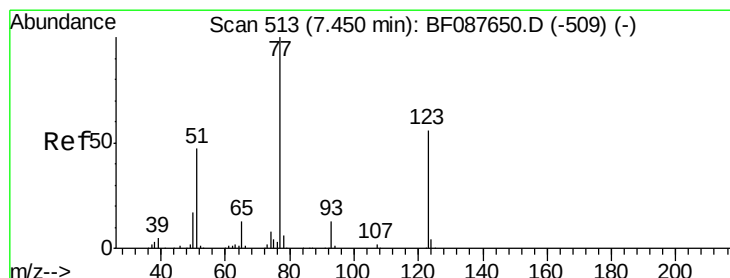
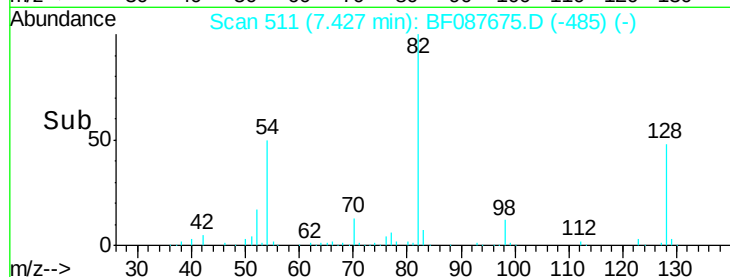
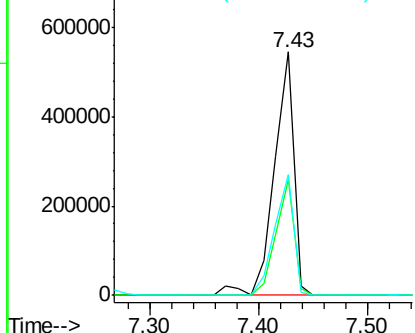
#23
 Nitrobenzene-d5
 Concen: 78.77 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion: 82 Resp: 681578
 Ion Ratio Lower Upper
 82 100
 128 47.7 35.9 53.9
 54 49.6 40.9 61.3

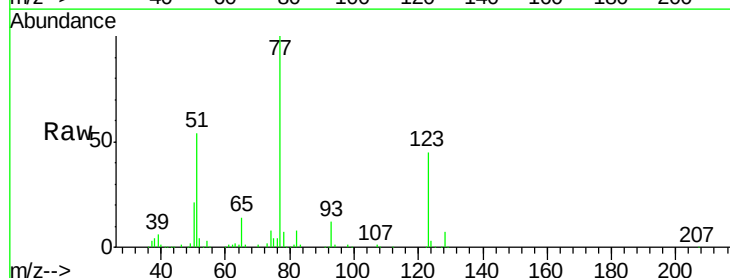


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

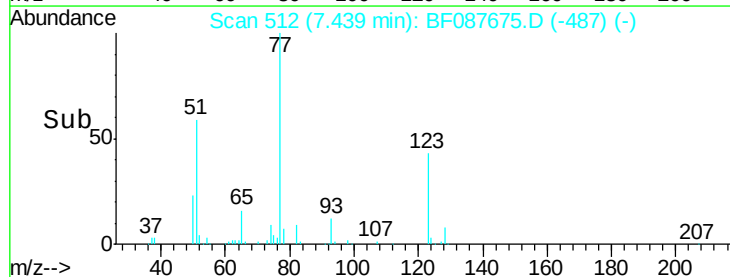
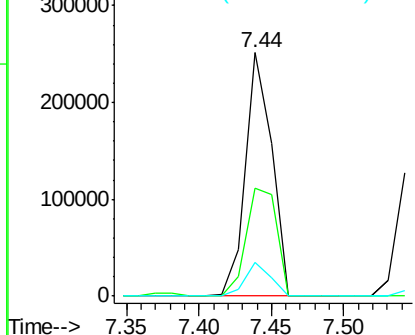


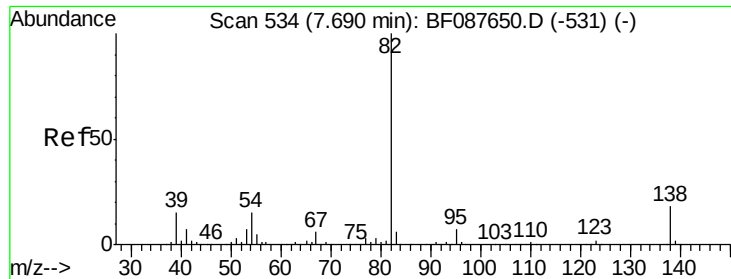
#24
 Nitrobenzene
 Concen: 36.56 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion: 77 Resp: 316577
 Ion Ratio Lower Upper
 77 100
 123 44.6 45.0 67.4#
 65 13.9 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.32 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

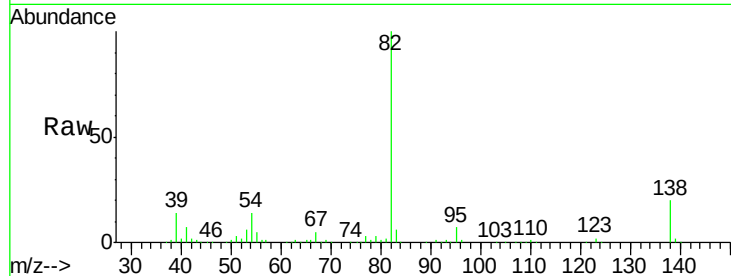
Tgt Ion: 82 Resp: 619338

Ion Ratio Lower Upper

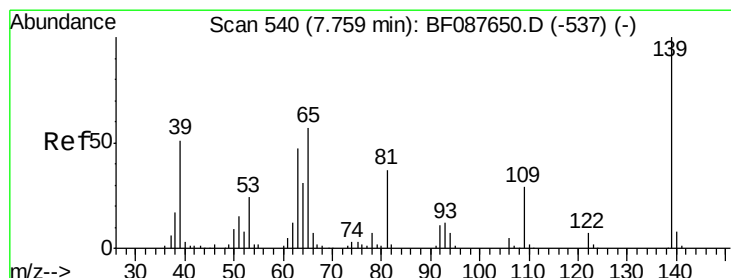
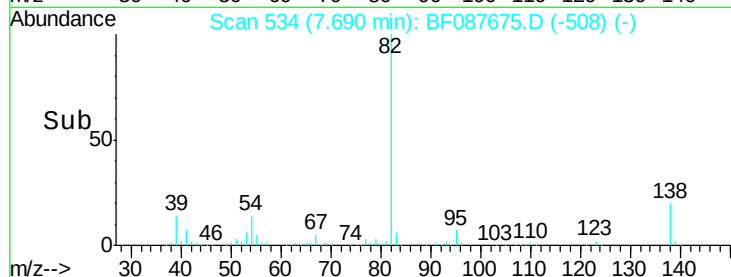
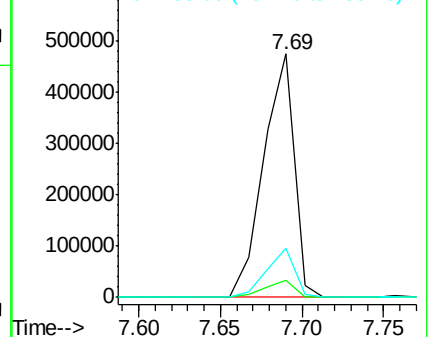
82 100

95 7.0 5.4 8.2

138 20.2 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: 40.52 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

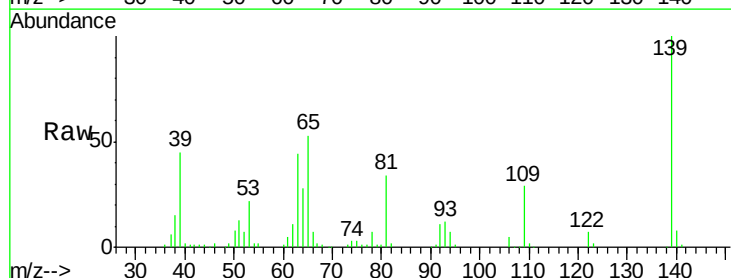
Tgt Ion: 139 Resp: 163051

Ion Ratio Lower Upper

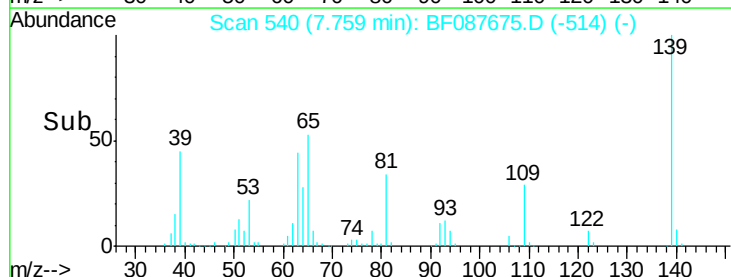
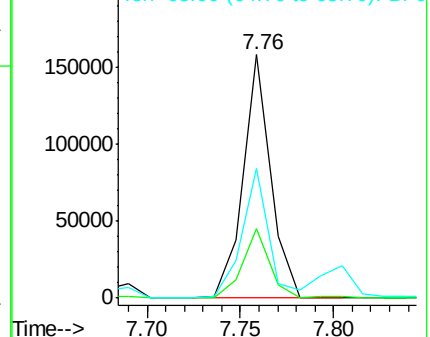
139 100

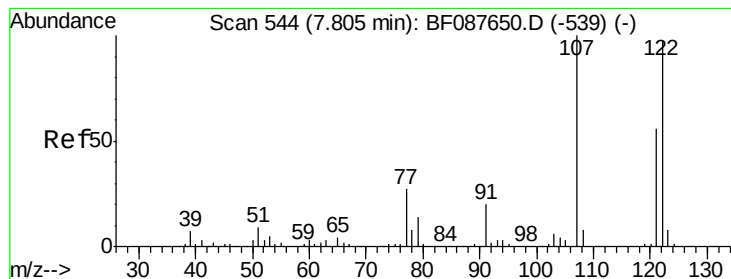
109 28.7 23.0 34.4

65 53.2 45.8 68.8



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





#27

2,4-Dimethylphenol

Concen: 42.70 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

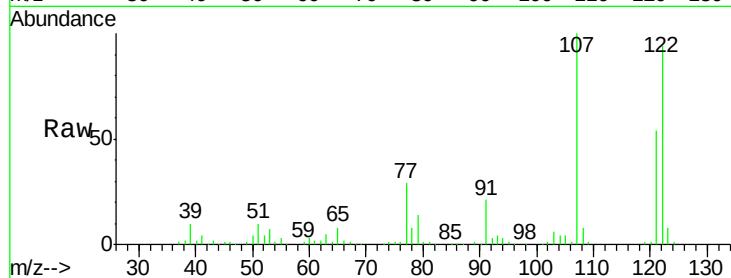
Tgt Ion: 122 Resp: 356041

Ion Ratio Lower Upper

122 100

107 106.2 82.4 123.6

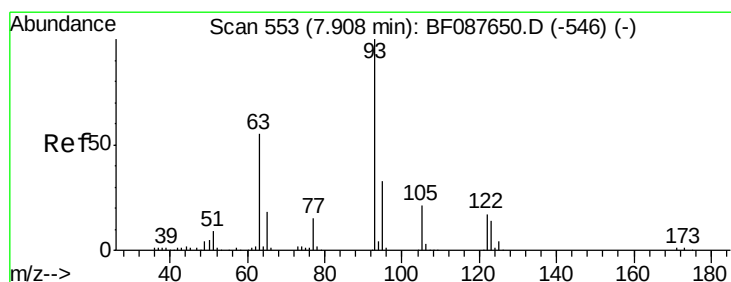
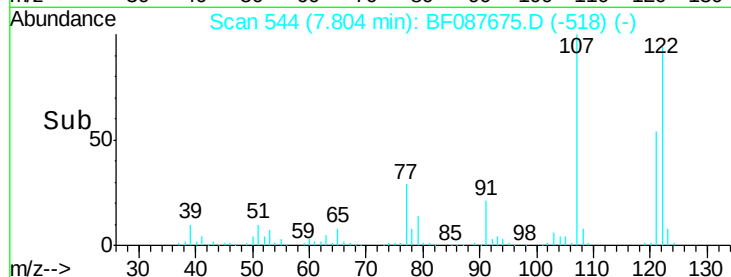
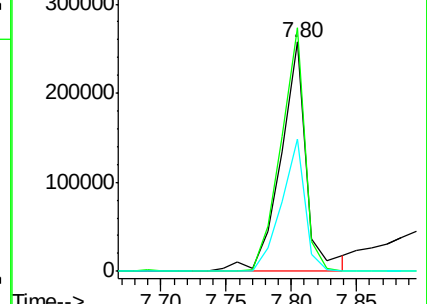
121 57.6 46.3 69.5



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: 36.21 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

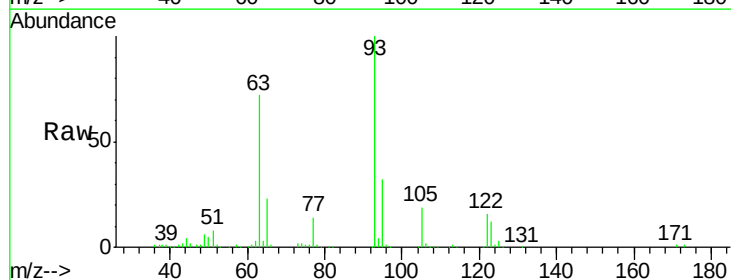
Tgt Ion: 93 Resp: 361822

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

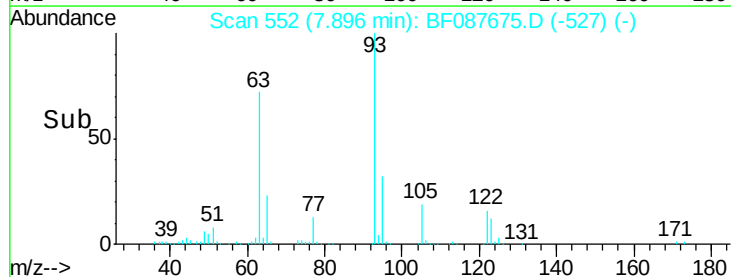
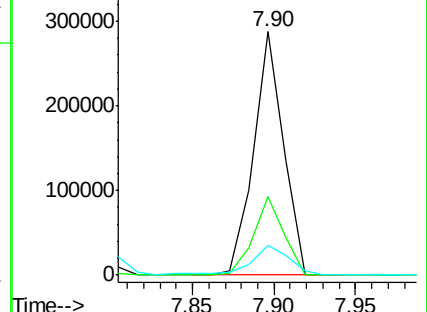
123 12.0 11.6 17.4

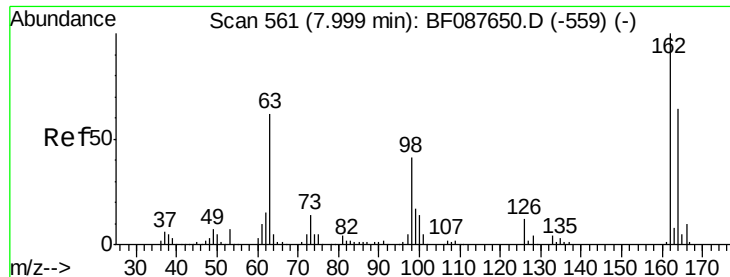


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

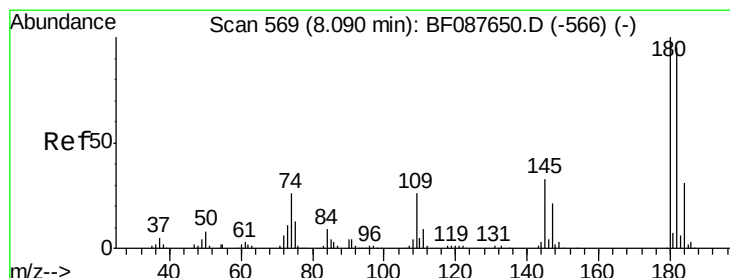
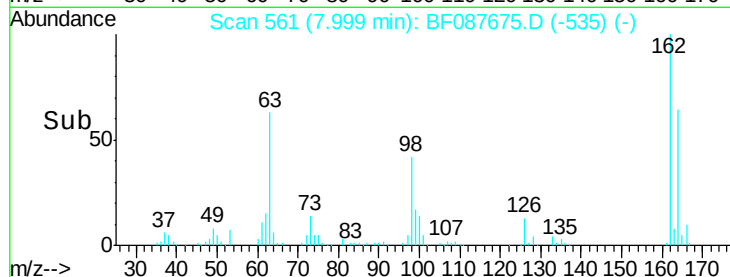
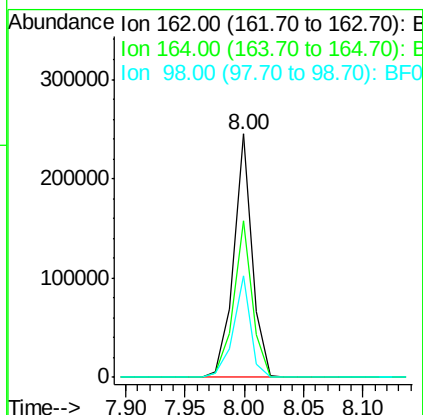
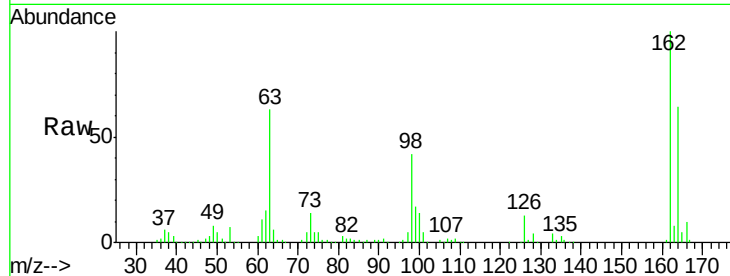




#29
 2,4-Dichlorophenol
 Concen: 38.94 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

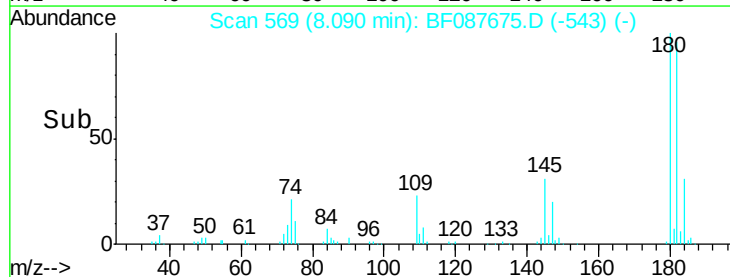
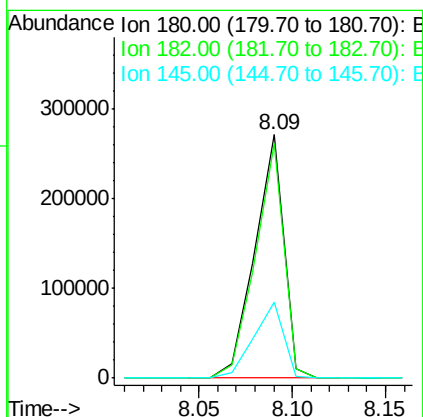
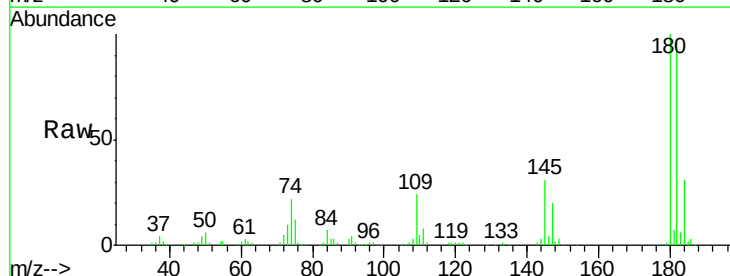
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

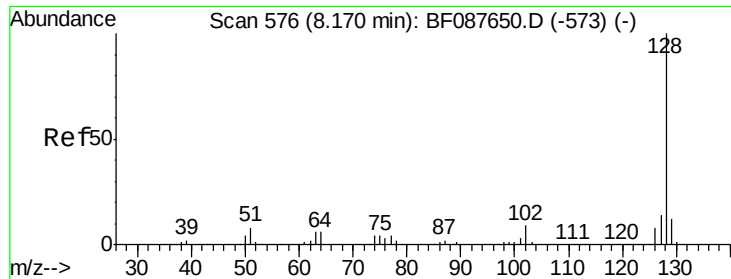
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	43.8	83.8
98	41.5	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.55 ng
 RT: 8.09 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.0	114.0
145	31.3	26.5	39.7

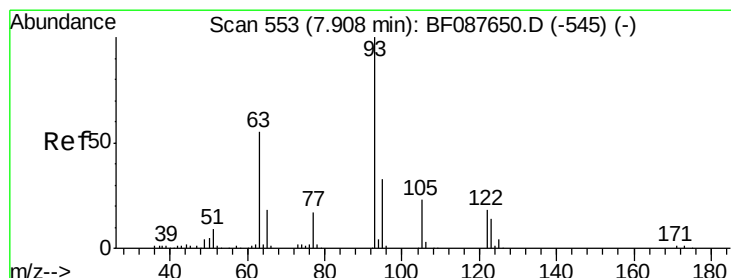
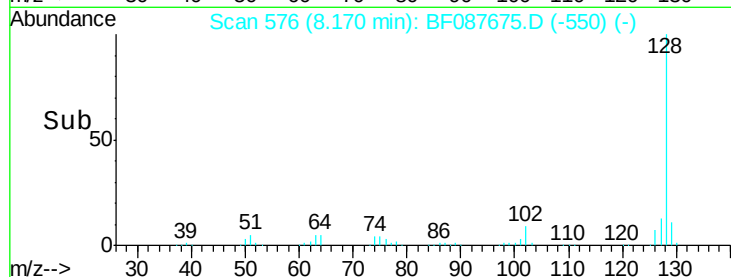
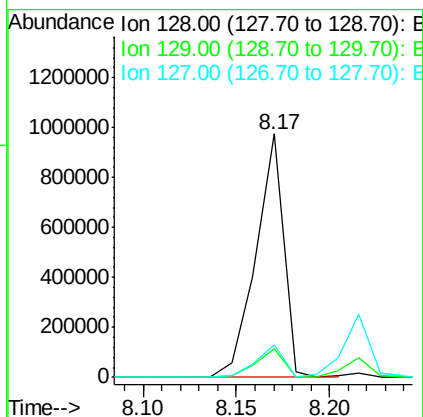
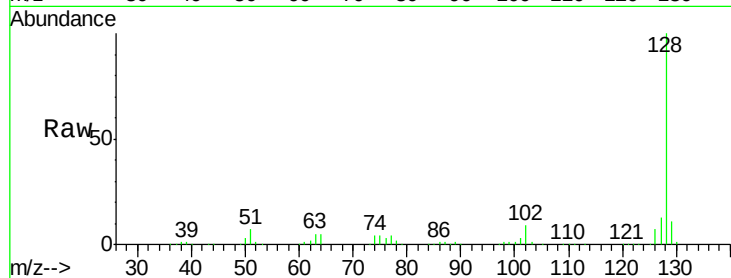




#31
Naphthalene
Concen: 41.23 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

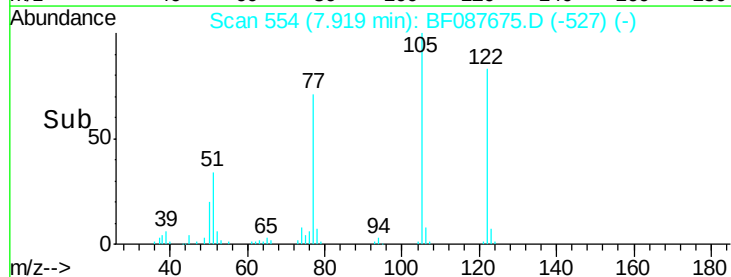
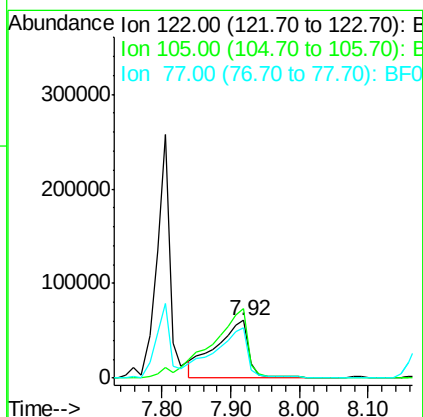
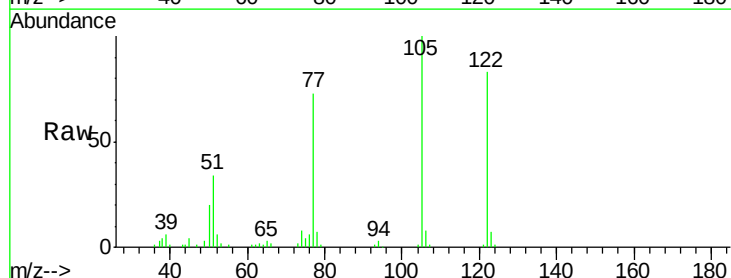
Instrument :
BNA_F
ClientSampleId :
PB91096BS

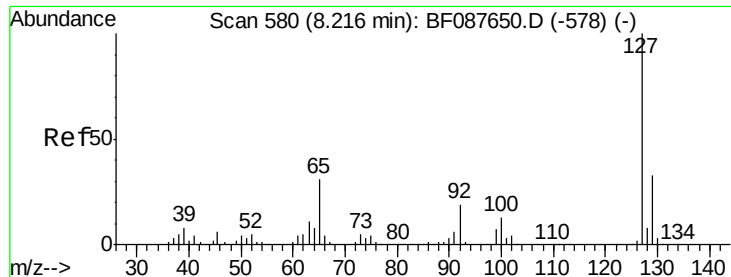
Tgt Ion:128 Resp: 1003492
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 41.34 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:122 Resp: 207968
Ion Ratio Lower Upper
122 100
105 121.1 101.6 141.6
77 88.2 70.6 110.6

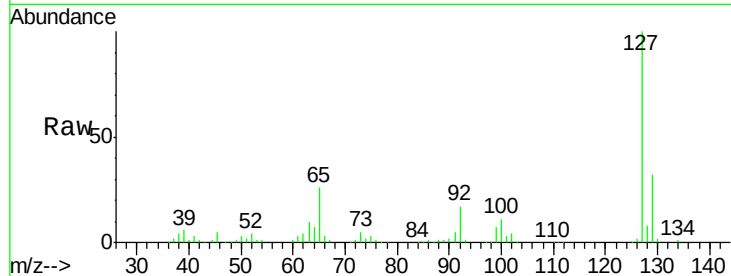




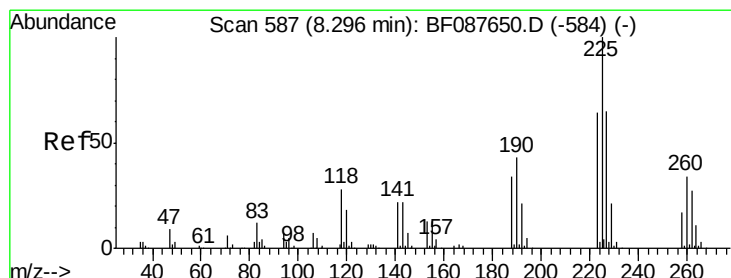
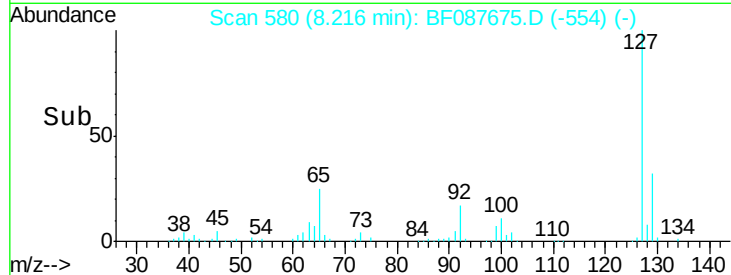
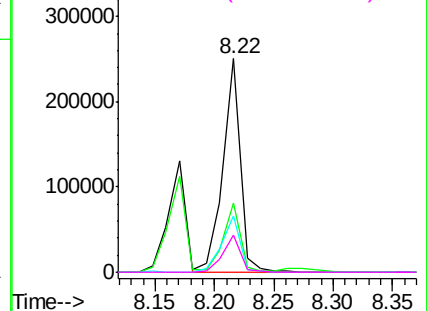
#33
4-Chloroaniline
Concen: 23.86 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tgt Ion:	127	Resp:	252226
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	26.2	24.7	37.1
92	17.2	15.4	23.0

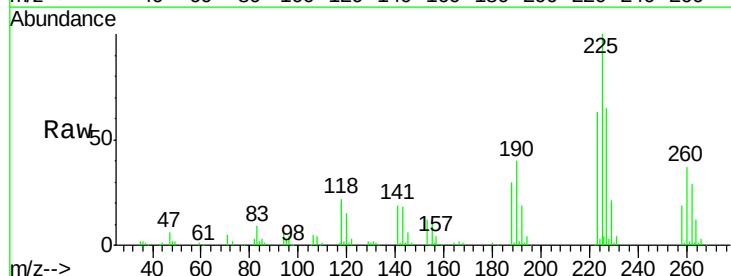


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

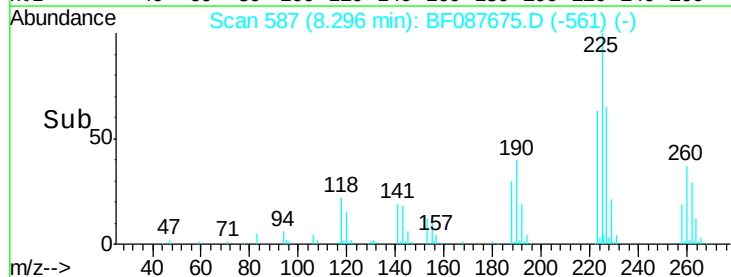
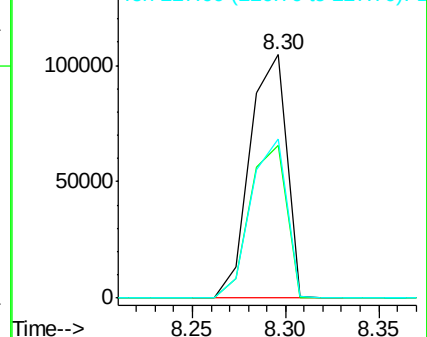


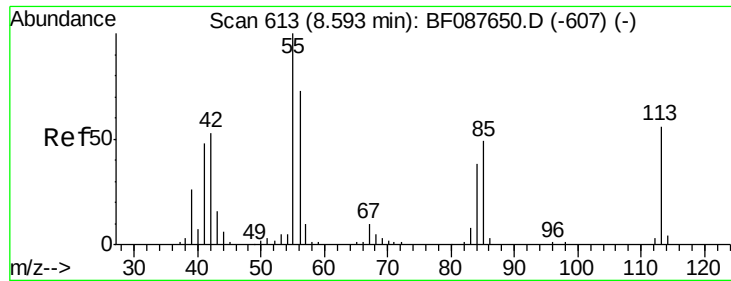
#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:	225	Resp:	141961
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	65.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

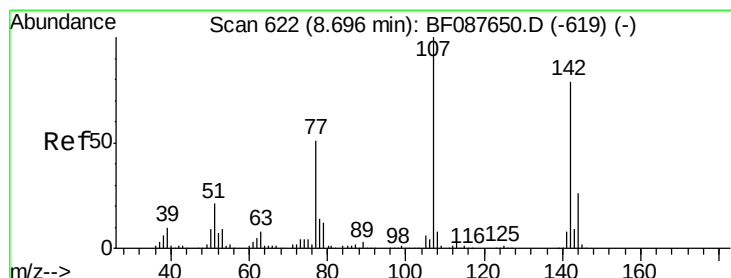
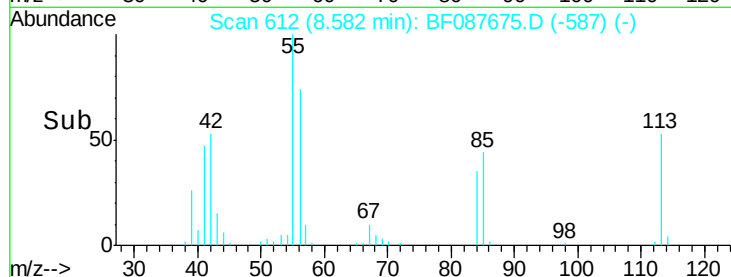
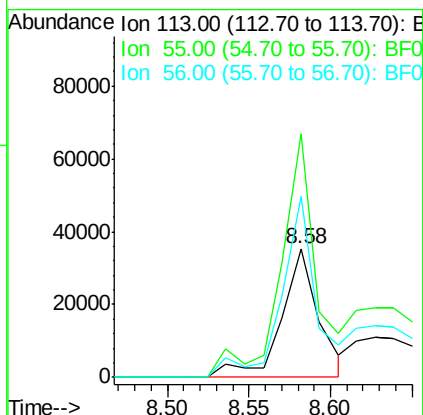
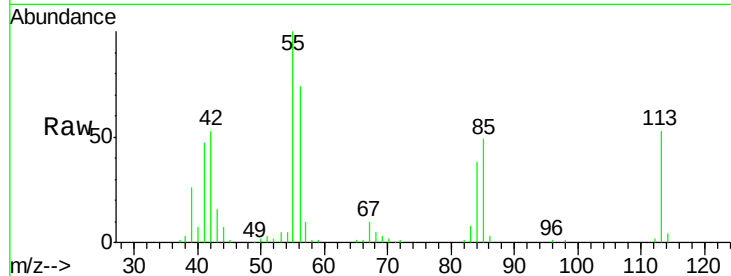




#35
 Caprolactam
 Concen: 24.91 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

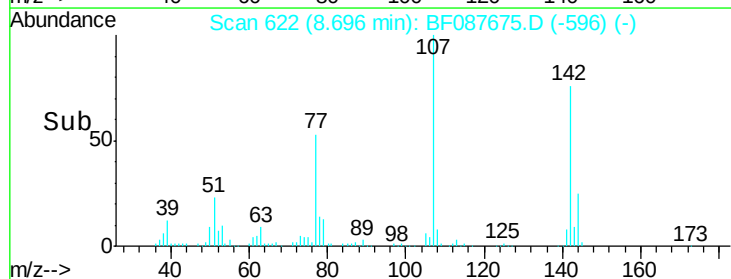
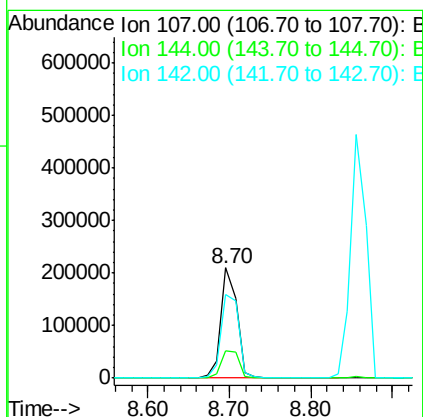
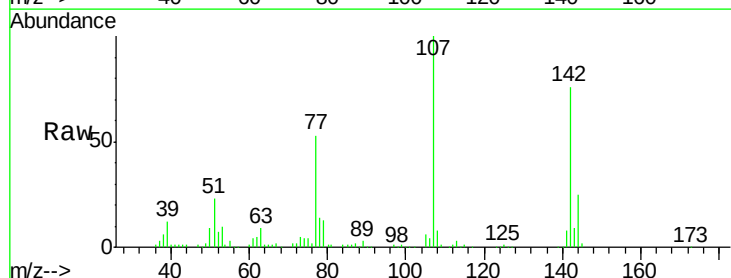
Instrument :
 BNA_F
 ClientSampleID :
 PB91096BS

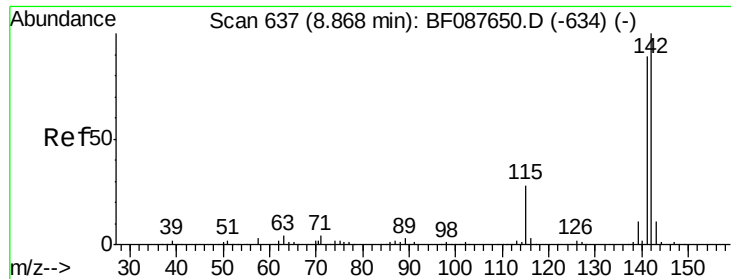
Tgt Ion:113 Resp: 56041
 Ion Ratio Lower Upper
 113 100
 55 189.0 158.6 198.6
 56 140.3 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.58 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:107 Resp: 287500
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 75.9 63.4 95.2

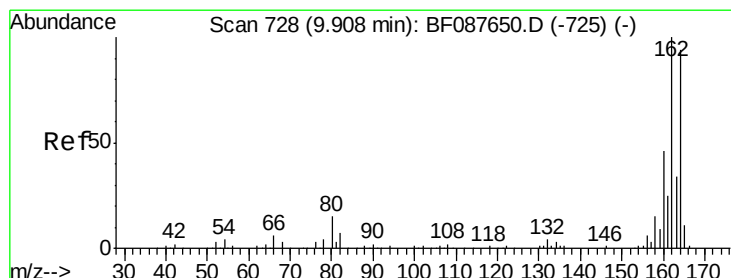
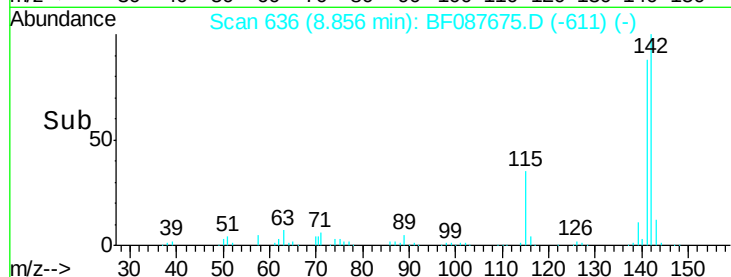
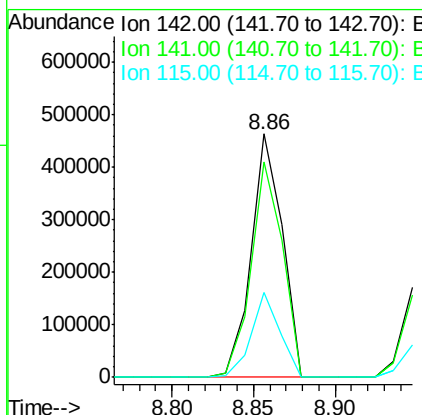
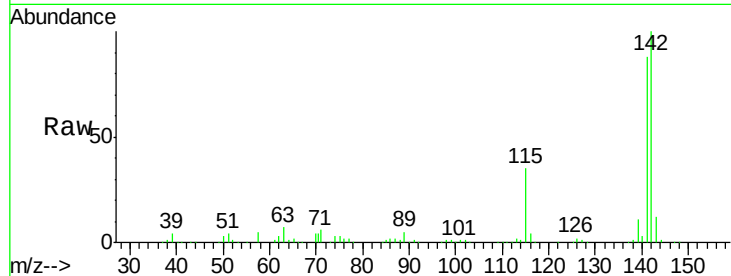




#37
 2-Methylnaphthalene
 Concen: 38.13 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

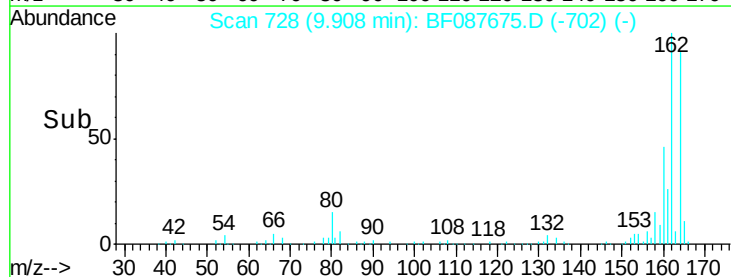
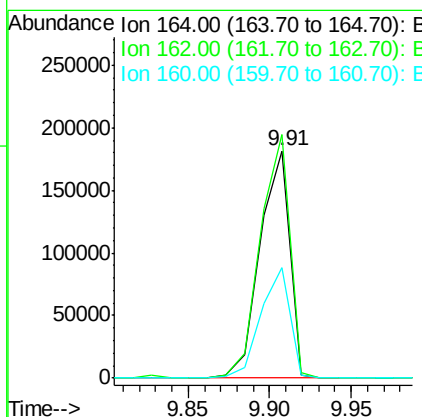
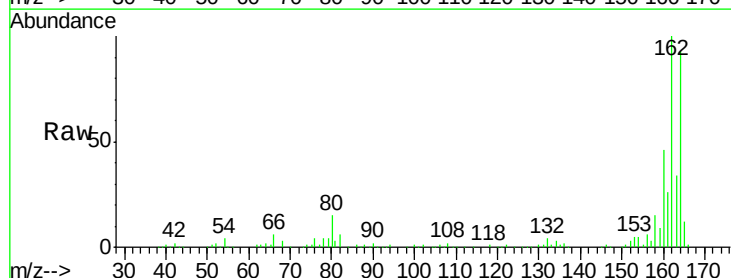
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

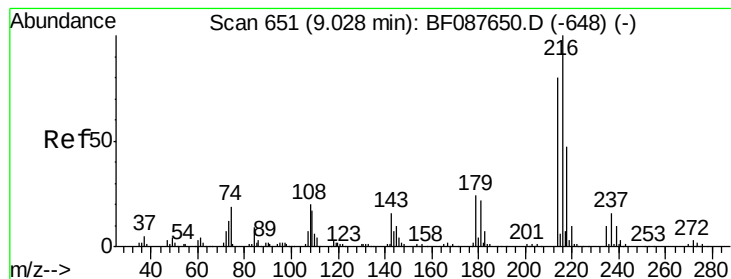
Tgt Ion:142 Resp: 612914
 Ion Ratio Lower Upper
 142 100
 141 88.2 71.0 106.6
 115 34.7 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:164 Resp: 229236
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.4 128.2
 160 48.8 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.09 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

Tgt Ion:216 Resp: 253251

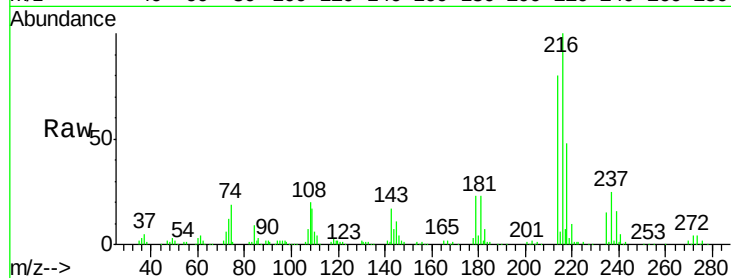
Ion Ratio Lower Upper

216 100

214 79.5 2.9 4.3#

179 23.1 0.0 0.0#

108 24.3 0.5 0.7#

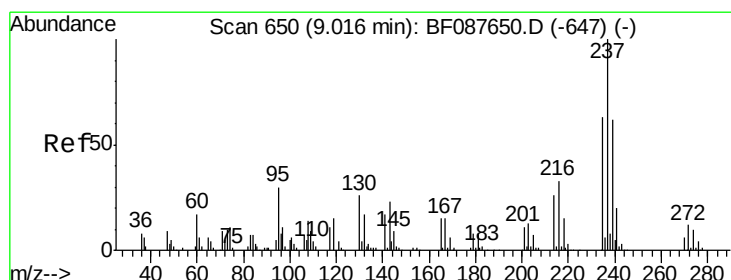
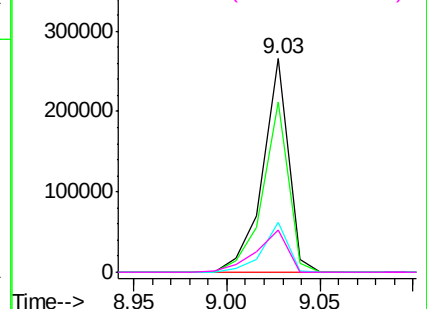
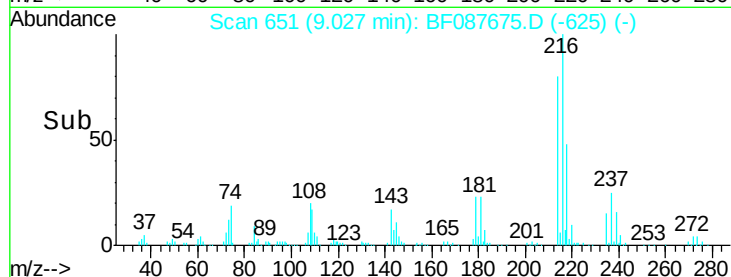


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.34 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

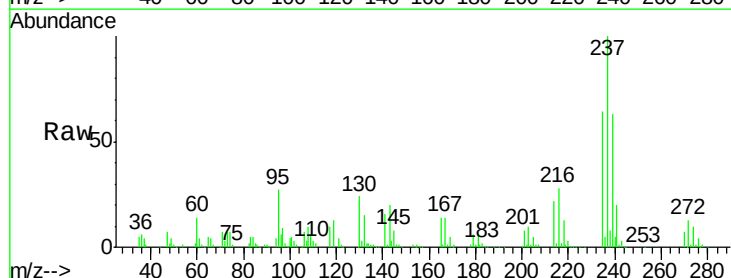
Tgt Ion:237 Resp: 279989

Ion Ratio Lower Upper

237 100

235 64.0 43.4 83.4

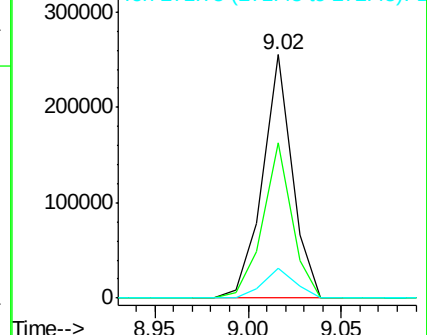
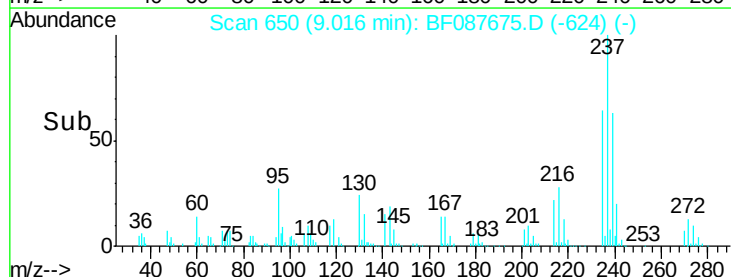
272 12.5 0.0 32.3

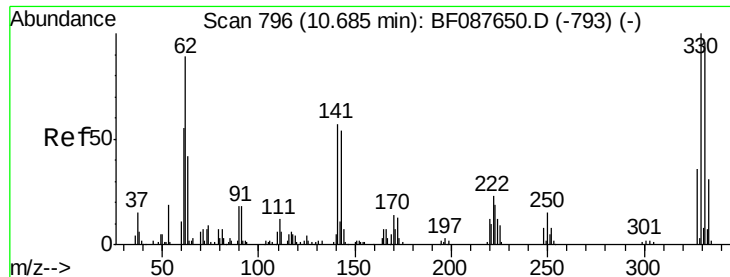


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

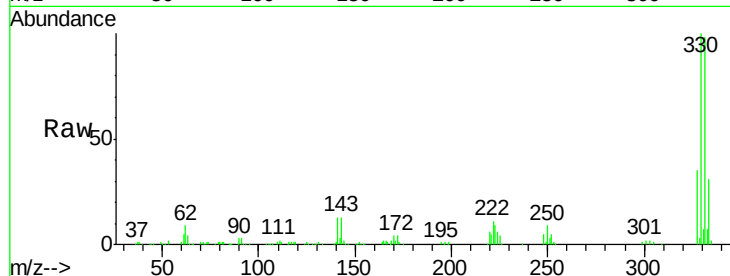




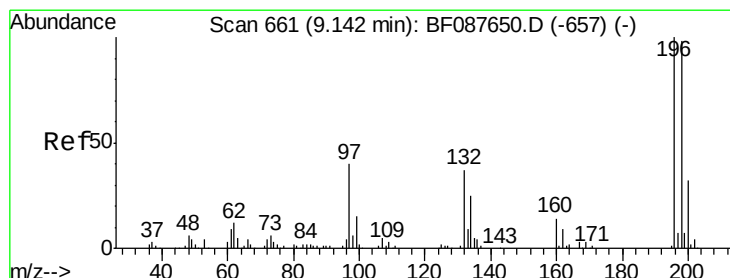
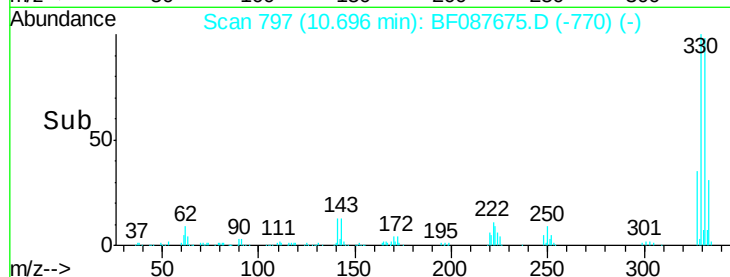
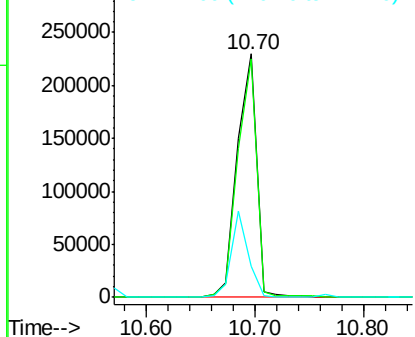
#41
 2,4,6-Tribromophenol
 Concen: 121.65 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion: 330 Resp: 279918
 Ion Ratio Lower Upper
 330 100
 332 97.7 0.0 0.0#
 141 31.5 0.0 0.0#

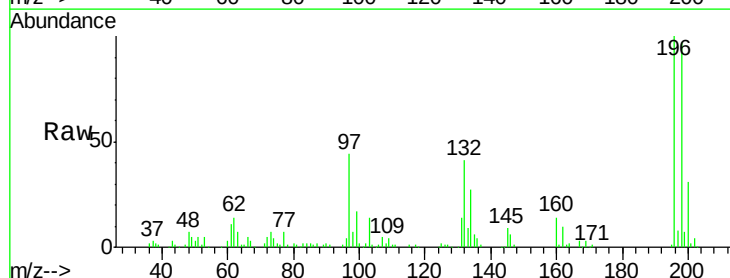


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

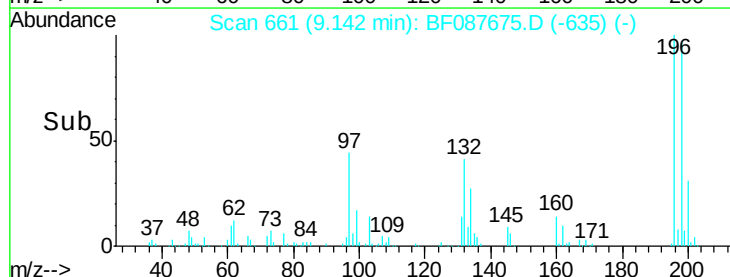
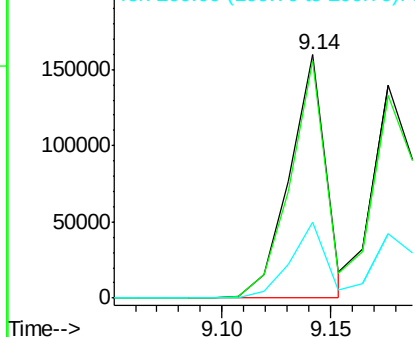


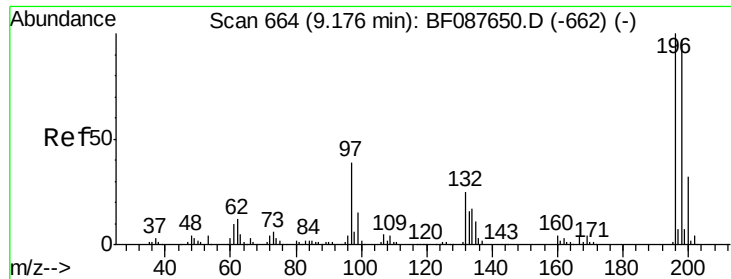
#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion: 196 Resp: 185166
 Ion Ratio Lower Upper
 196 100
 198 97.3 78.0 117.0
 200 31.4 25.4 38.2



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

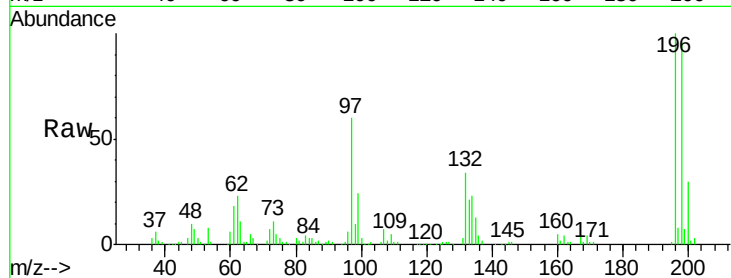




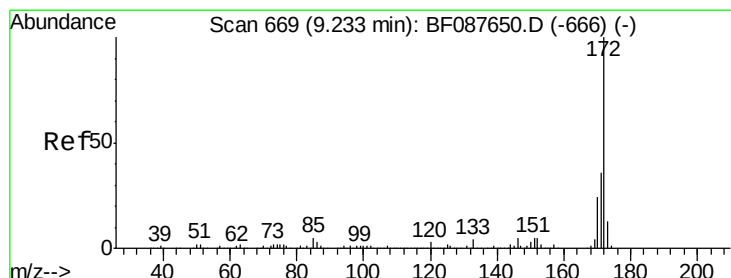
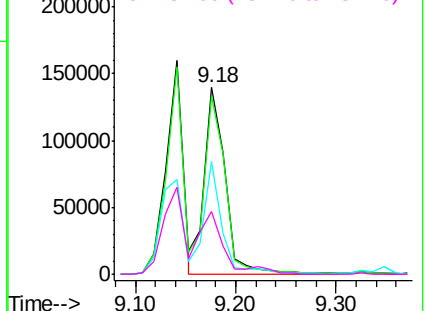
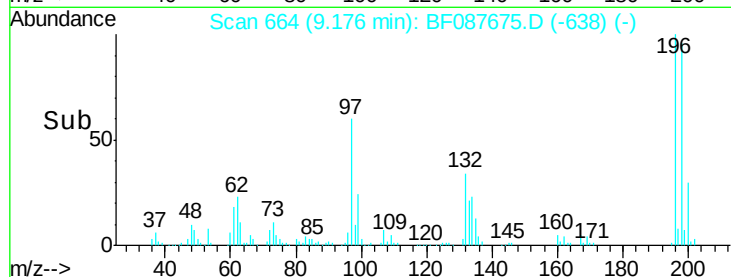
#43
 2,4,5-Trichlorophenol
 Concen: 45.66 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion:196 Resp: 202749
 Ion Ratio Lower Upper
 196 100
 198 95.6 77.5 116.3
 97 60.4 32.0 48.0#
 132 33.6 20.9 31.3#

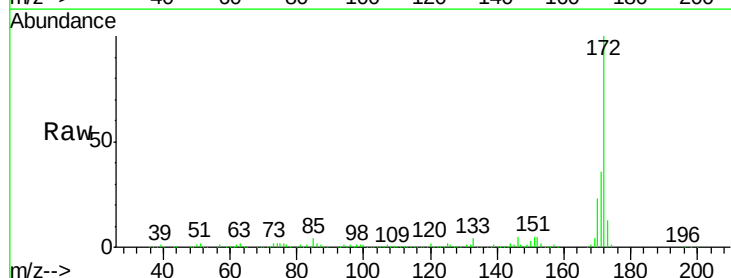


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

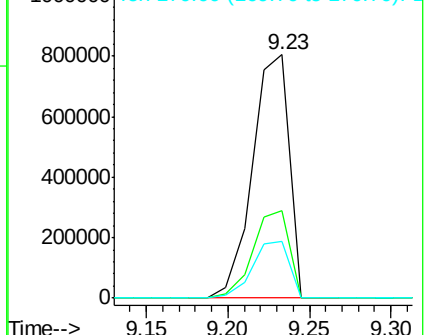
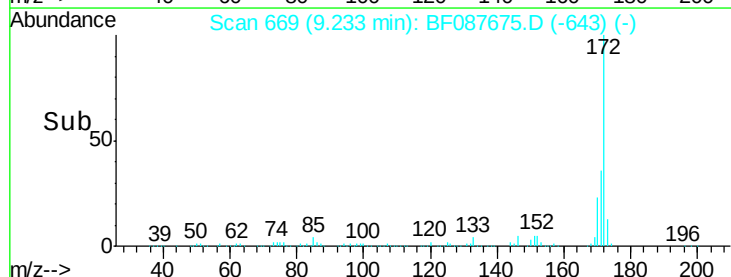


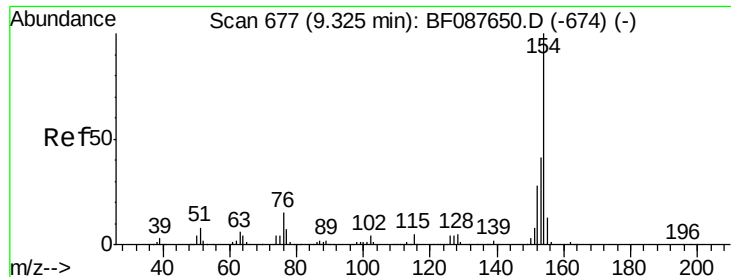
#44
 2-Fluorobiphenyl
 Concen: 83.22 ng
 RT: 9.23 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:172 Resp: 1251382
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.5 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

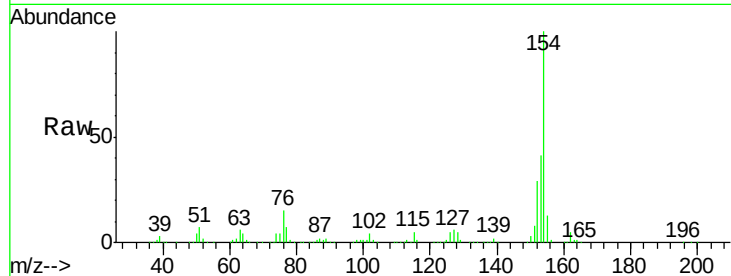




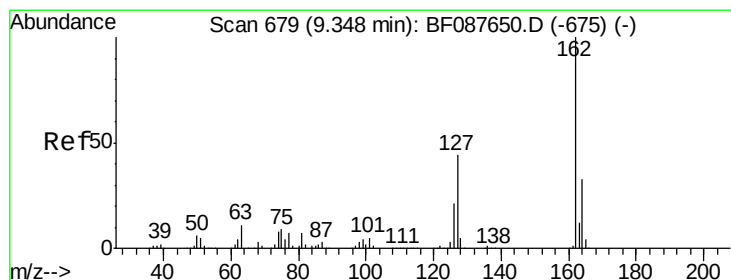
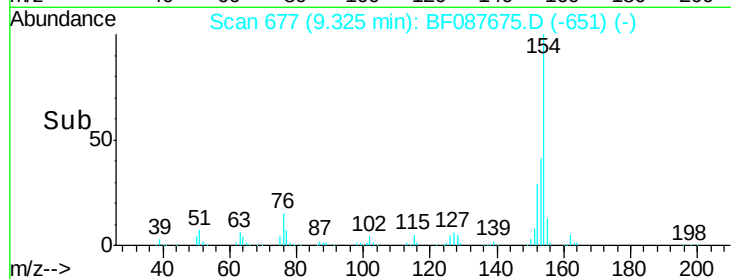
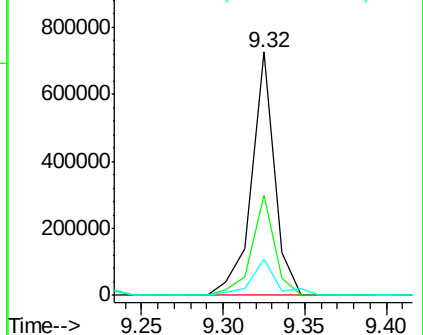
#45
 1,1'-Biphenyl
 Concen: 38.02 ng
 RT: 9.32 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	14.8	0.0	35.1

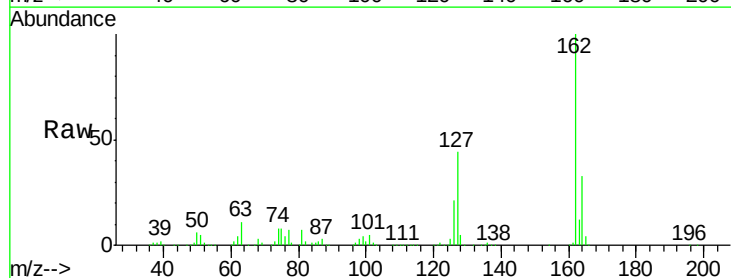


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

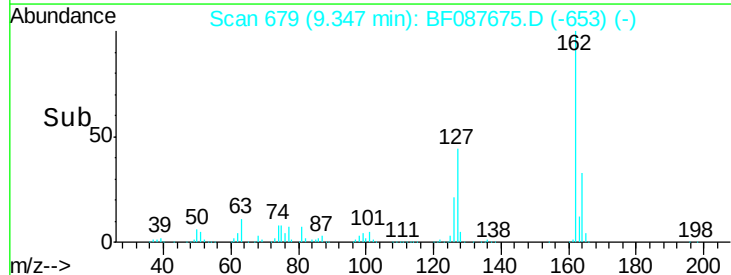
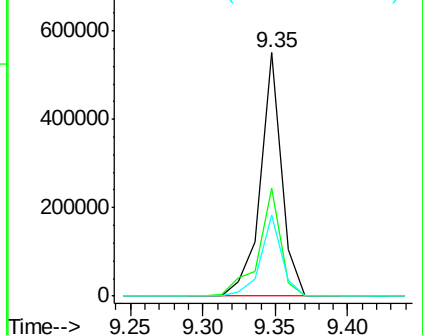


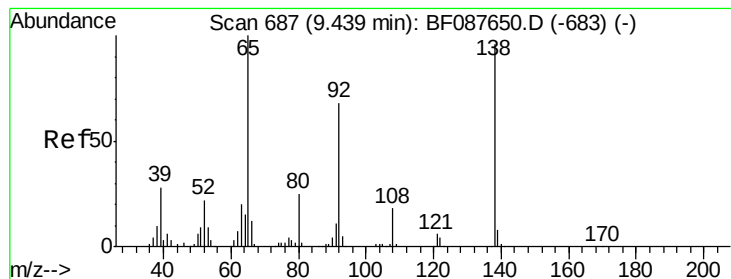
#46
 2-Chloronaphthalene
 Concen: 37.73 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.2	35.2	52.8
164	33.4	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: 38.88 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

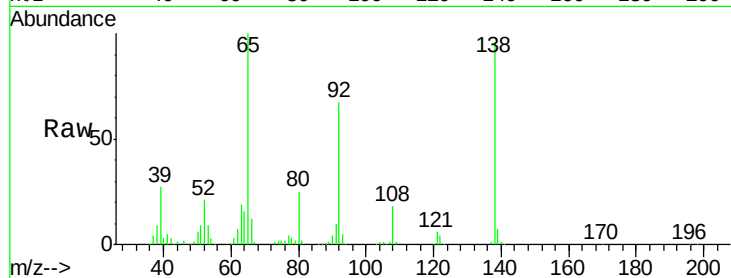
Tgt Ion: 65 Resp: 162136

Ion Ratio Lower Upper

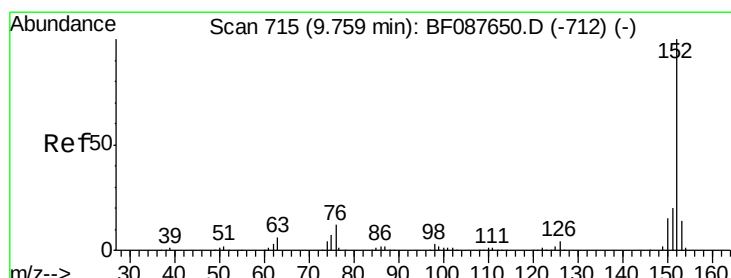
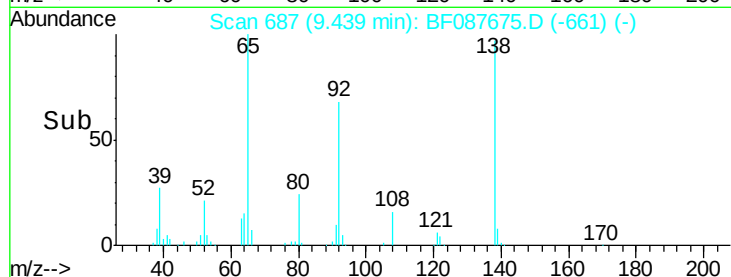
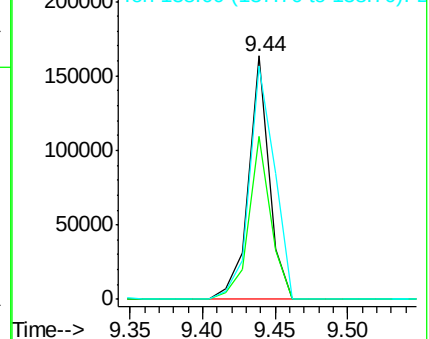
65 100

92 67.0 54.6 82.0

138 96.1 77.0 115.4



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



#48

Acenaphthylene

Concen: 41.51 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

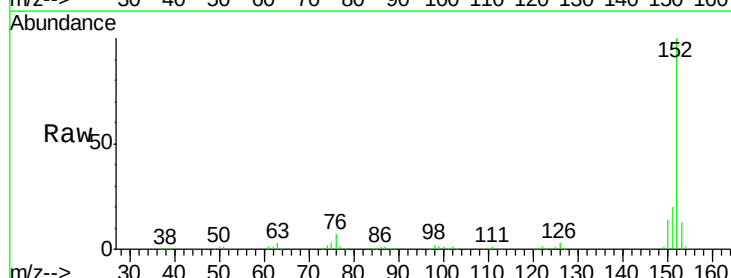
Tgt Ion: 152 Resp: 958762

Ion Ratio Lower Upper

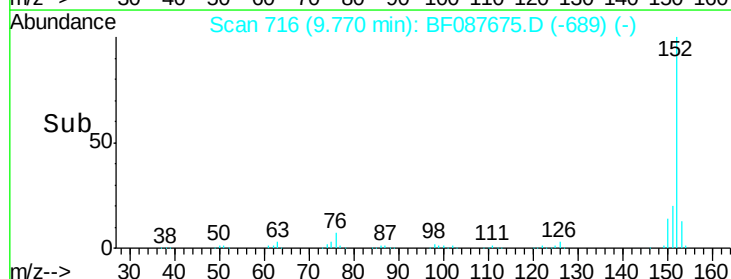
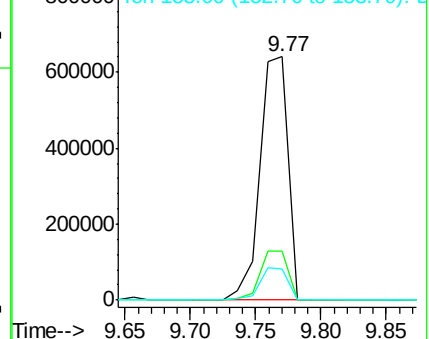
152 100

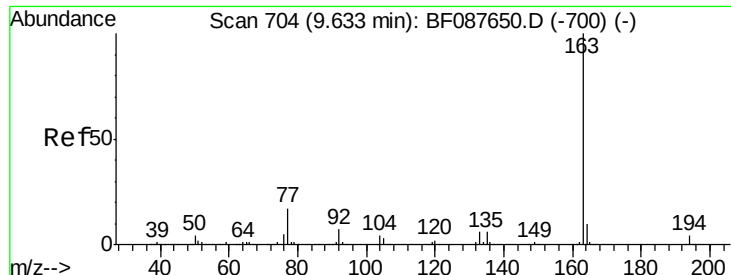
151 20.0 16.2 24.4

153 12.9 11.0 16.6



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

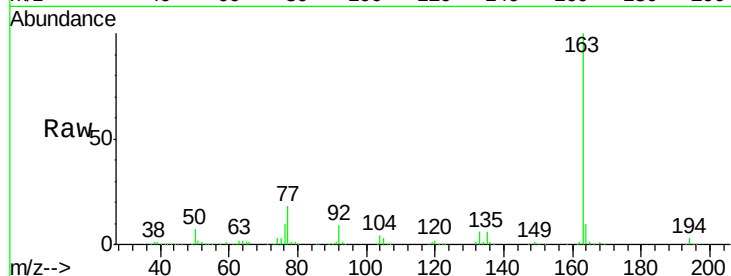




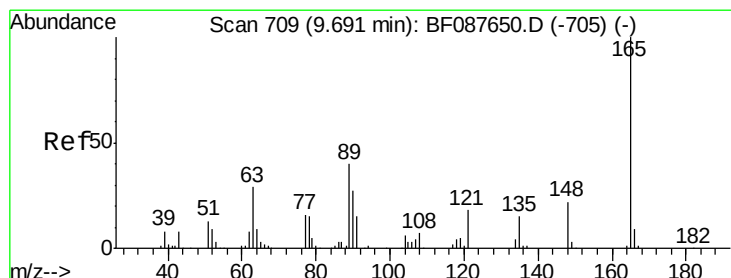
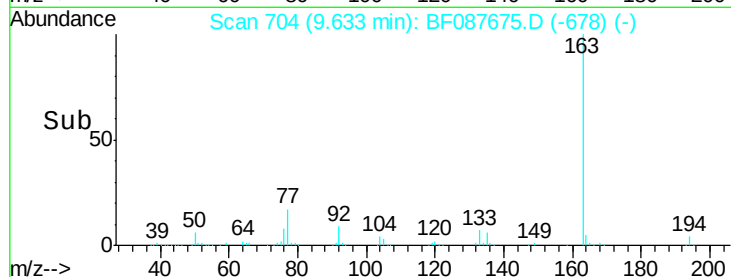
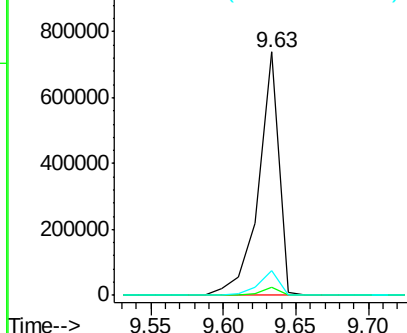
#49
Dimethylphthalate
Concen: 43.15 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tgt Ion:163 Resp: 719198
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.3 8.3 12.5

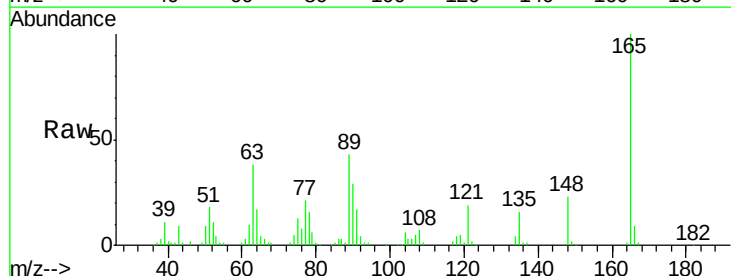


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

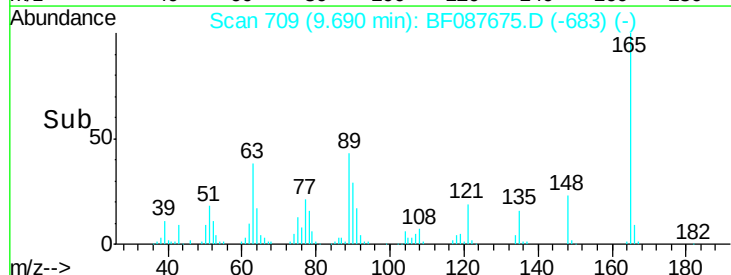
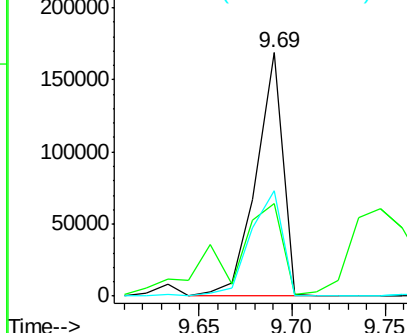


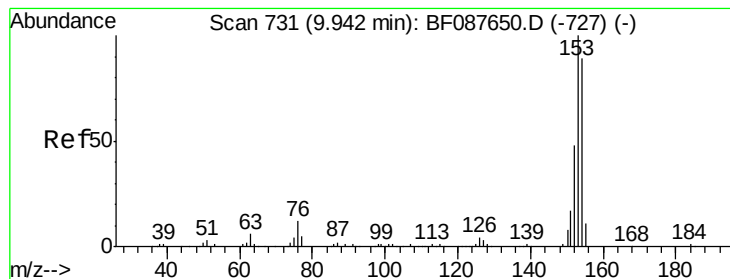
#50
2,6-Dinitrotoluene
Concen: 45.04 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:165 Resp: 170763
Ion Ratio Lower Upper
165 100
63 38.1 28.1 42.1
89 43.1 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: 44.24 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

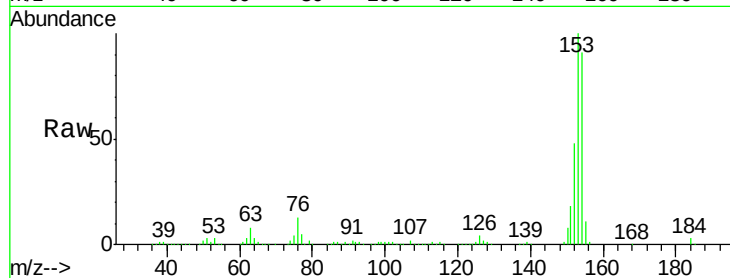
Tgt Ion:154 Resp: 657425

Ion Ratio Lower Upper

154 100

153 110.3 89.5 134.3

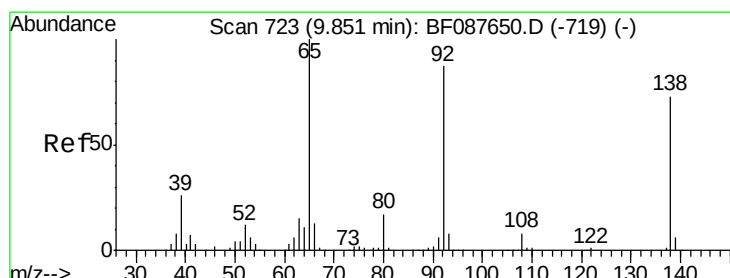
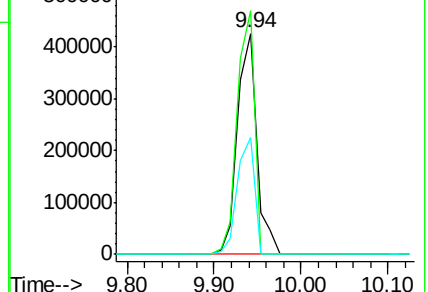
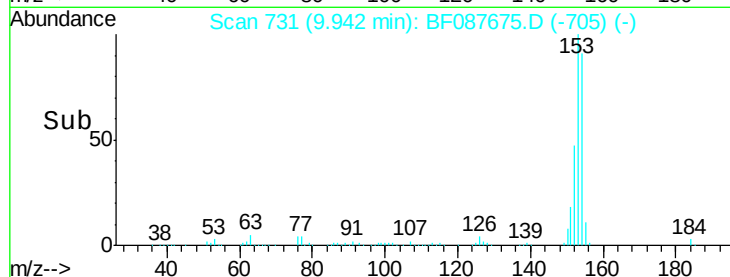
152 52.7 42.7 64.1



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: 26.06 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

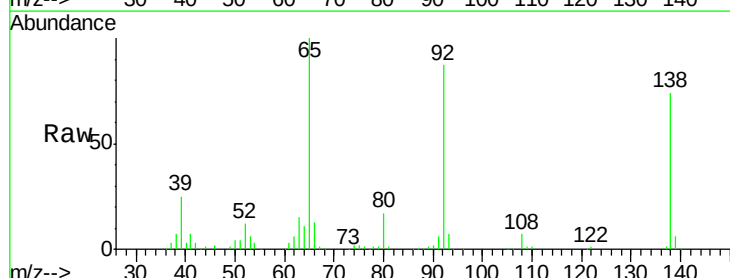
Tgt Ion:138 Resp: 113038

Ion Ratio Lower Upper

138 100

108 10.0 8.5 12.7

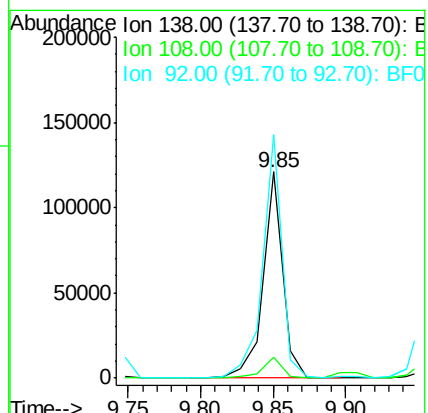
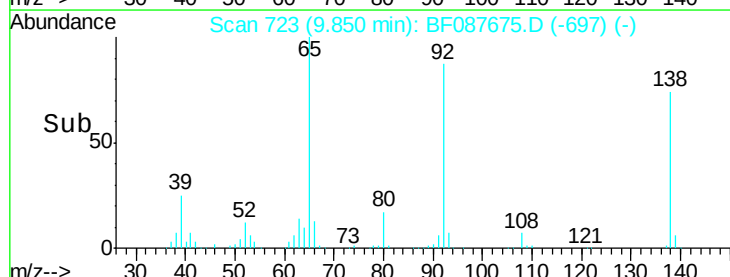
92 118.2 95.7 143.5

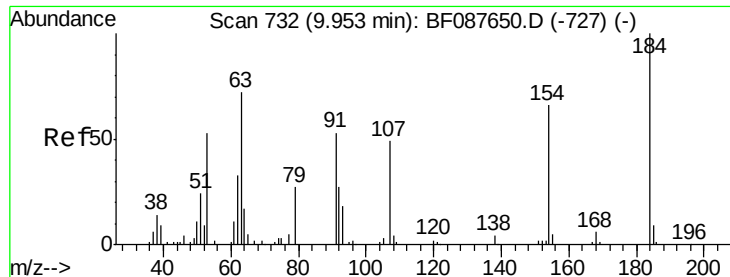


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

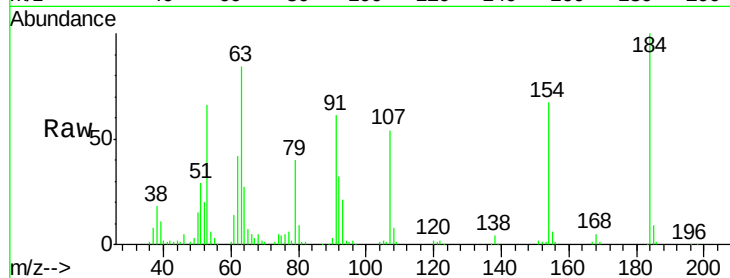




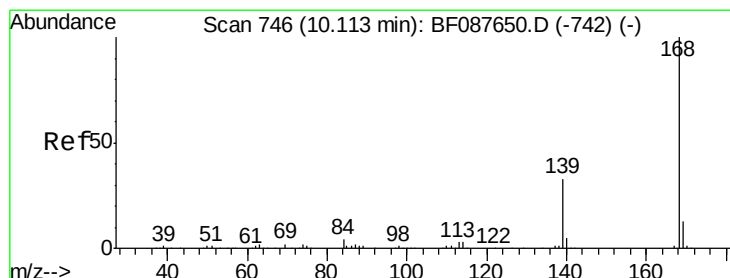
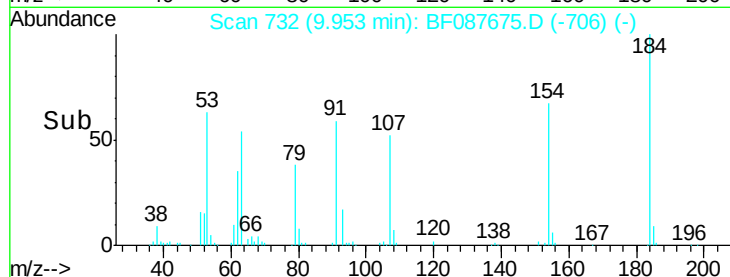
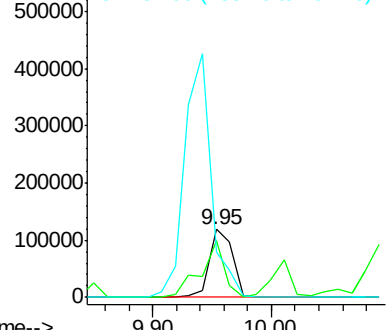
#53
2,4-Dinitrophenol
Concen: 92.76 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampled :
PB91096BS

Tgt Ion:184 Resp: 160748
Ion Ratio Lower Upper
184 100
63 84.5 57.6 86.4
154 67.4 53.5 80.3

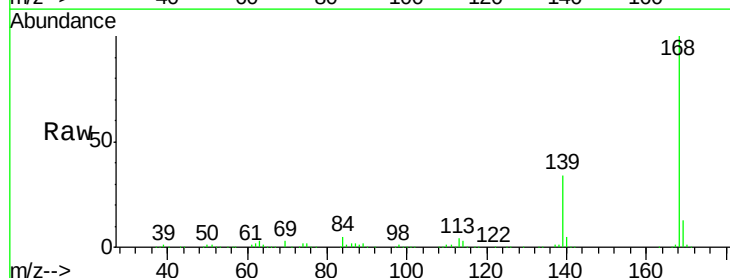


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

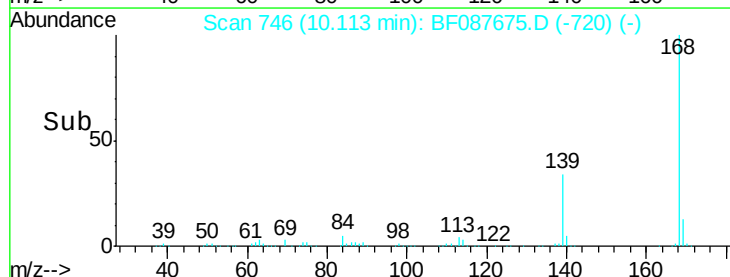
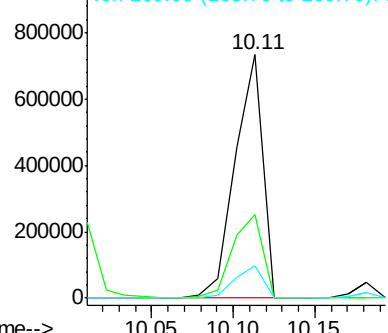


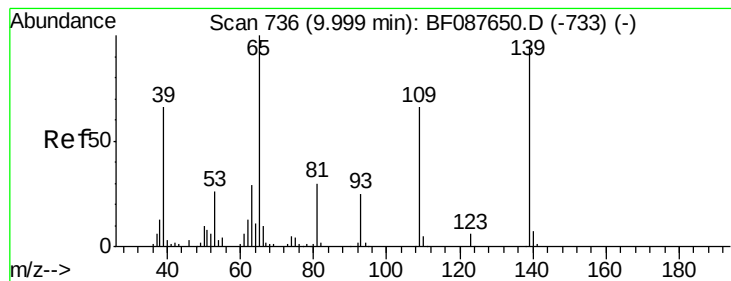
#54
Dibenzofuran
Concen: 42.78 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:168 Resp: 865471
Ion Ratio Lower Upper
168 100
139 34.4 26.4 39.6
169 13.2 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: 69.44 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

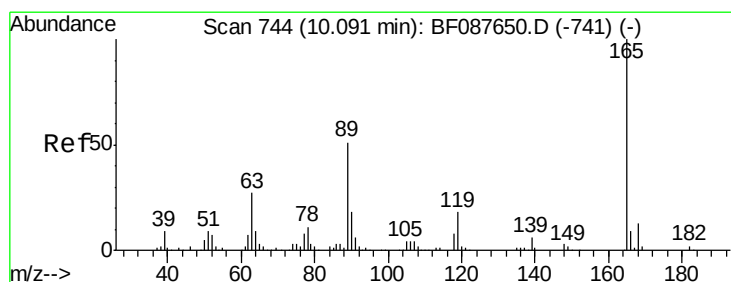
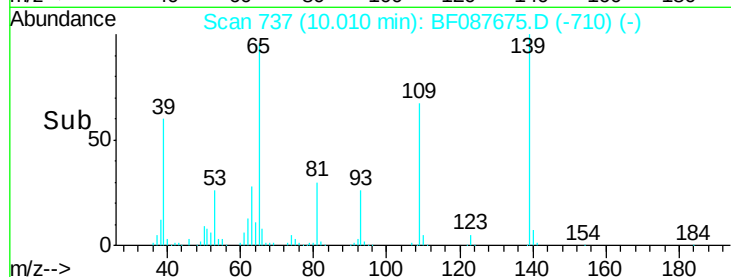
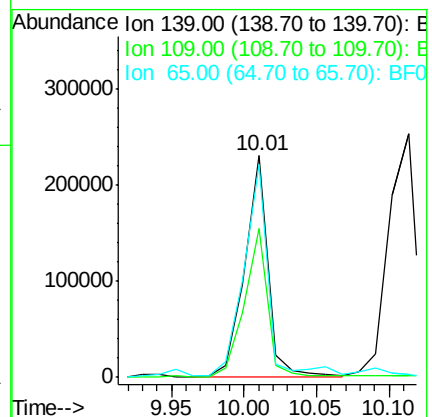
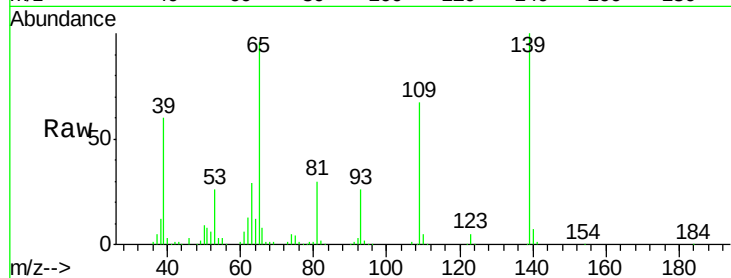
Tgt Ion:139 Resp: 257386

Ion Ratio Lower Upper

139 100

109 67.3 48.9 88.9

65 96.2 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 46.75 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion:165 Resp: 225735

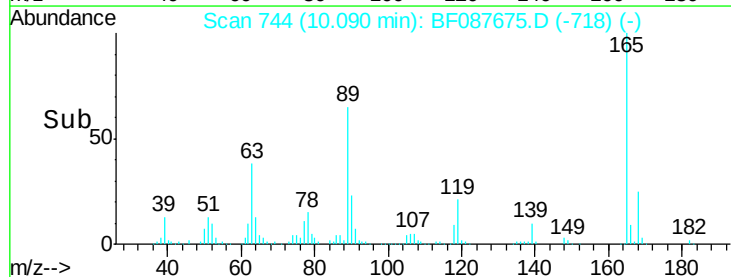
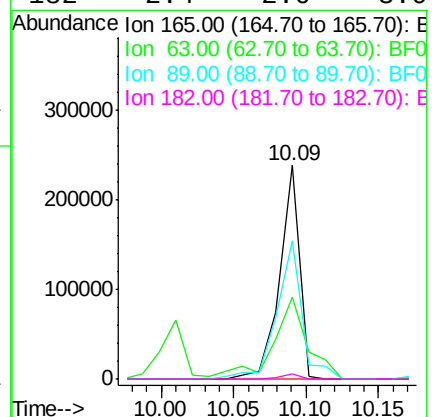
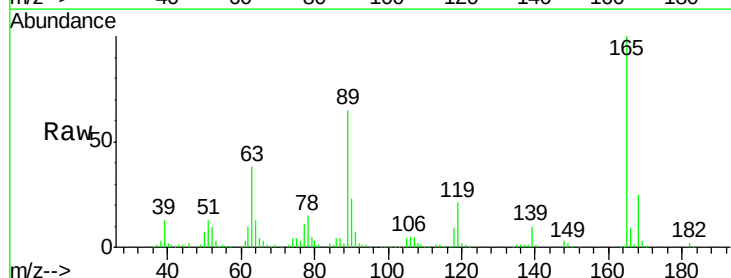
Ion Ratio Lower Upper

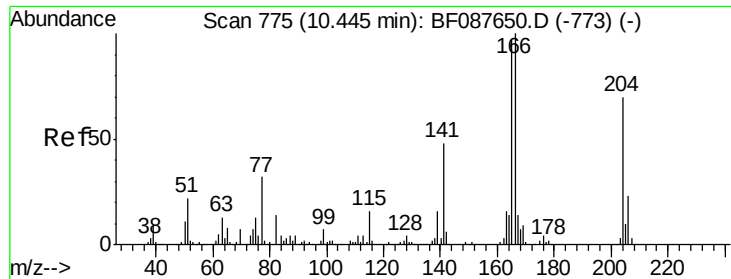
165 100

63 38.4 22.0 33.0#

89 64.8 41.1 61.7#

182 2.4 2.0 3.0

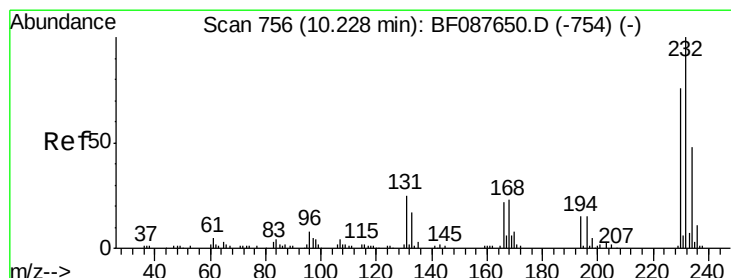
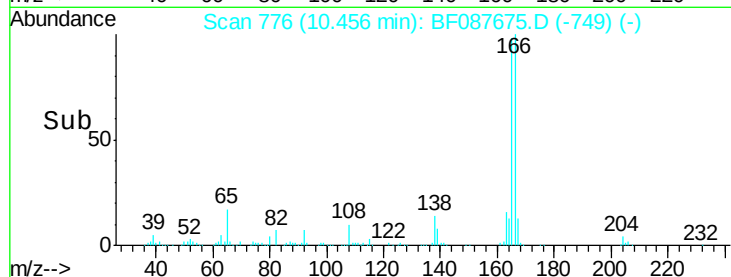
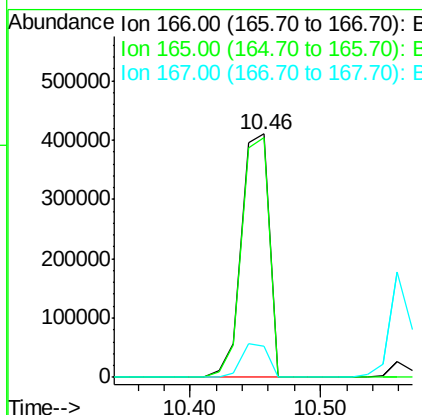
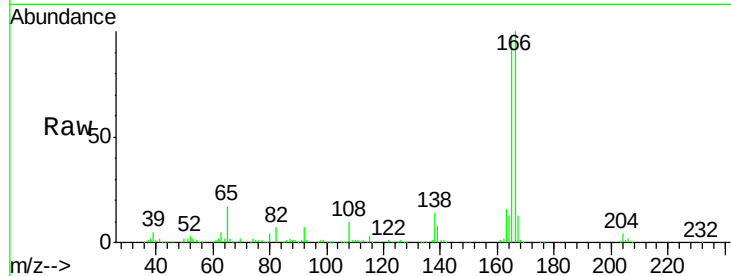




#57
 Fluorene
 Concen: 37.97 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

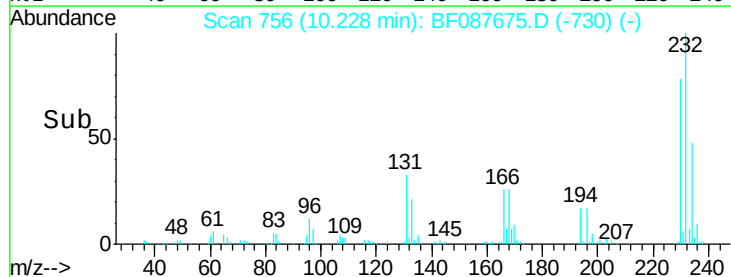
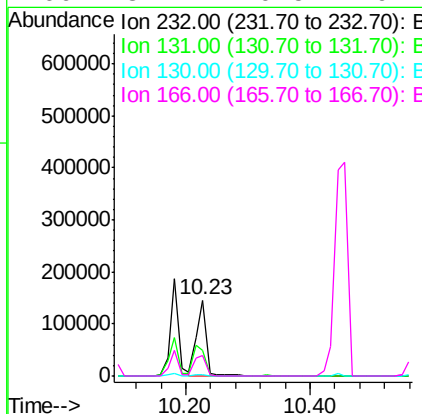
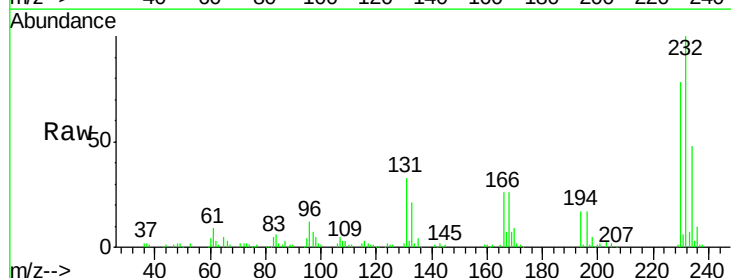
Instrument :
 BNA_F
 ClientSampled :
 PB91096BS

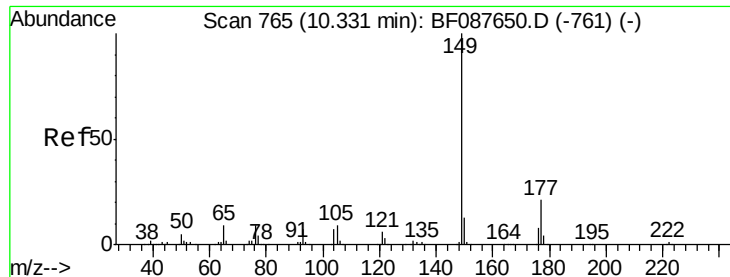
Tgt Ion:166 Resp: 600490
 Ion Ratio Lower Upper
 166 100
 165 98.3 77.8 116.8
 167 12.9 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.13 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:232 Resp: 164981
 Ion Ratio Lower Upper
 232 100
 131 47.6 0.9 1.3#
 130 2.3 1.5 2.3#
 166 31.7 0.5 0.7#

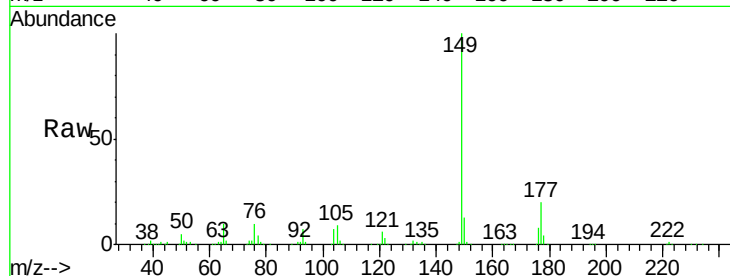




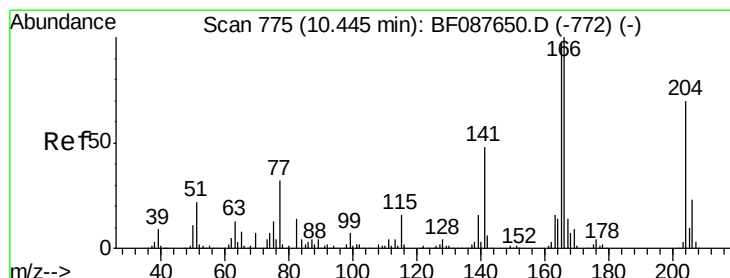
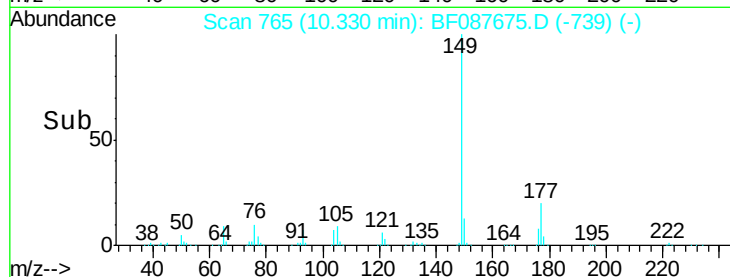
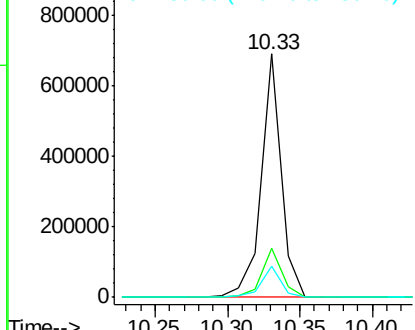
#59
Diethylphthalate
Concen: 39.43 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Instrument :
BNA_F
ClientSampleId :
PB91096BS

Tgt Ion:149 Resp: 659977
Ion Ratio Lower Upper
149 100
177 20.3 16.9 25.3
150 12.9 10.1 15.1

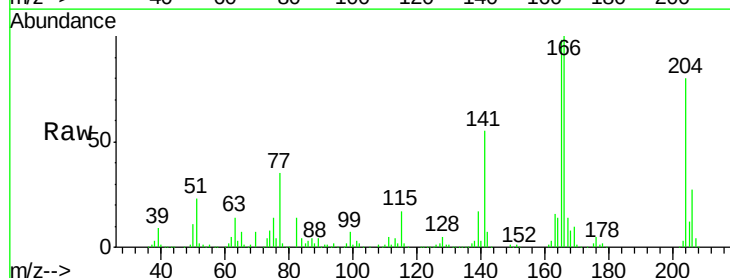


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

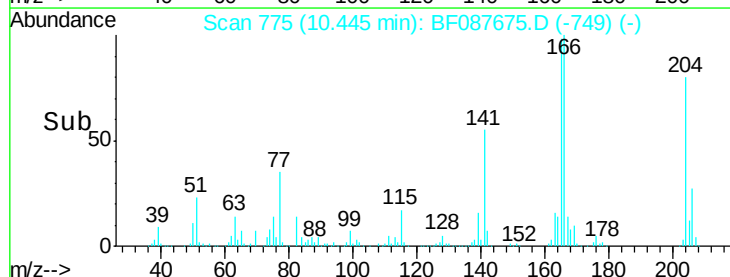
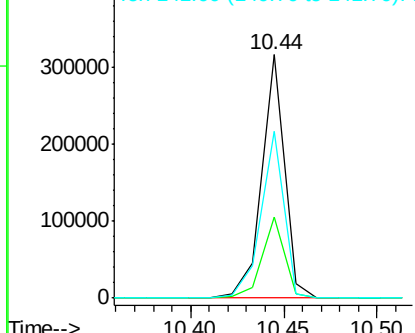


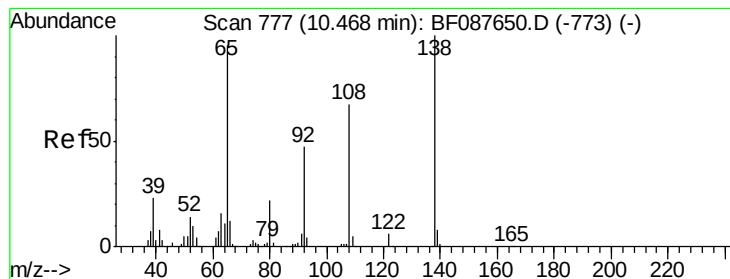
#60
4-Chlorophenyl-phenylether
Concen: 42.55 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087675.D
Acq: 4 Jun 2016 19:47

Tgt Ion:204 Resp: 264874
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 68.6 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: 37.68 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

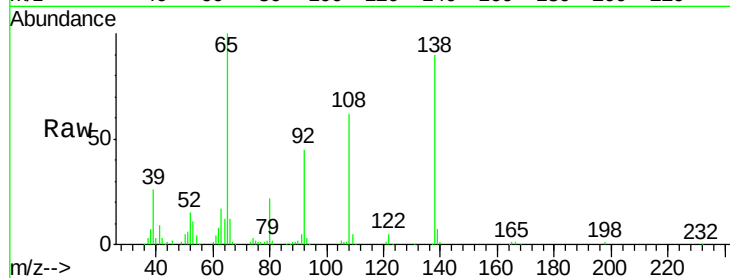
Tgt Ion:138 Resp: 157122

Ion Ratio Lower Upper

138 100

92 50.5 27.3 67.3

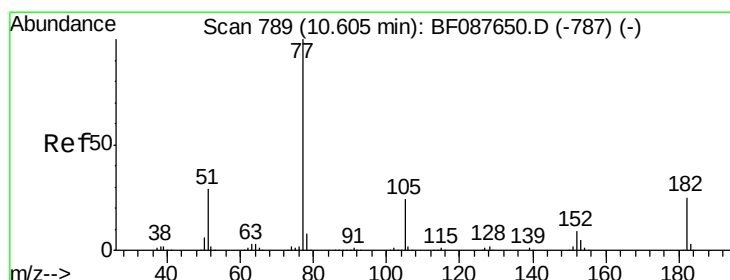
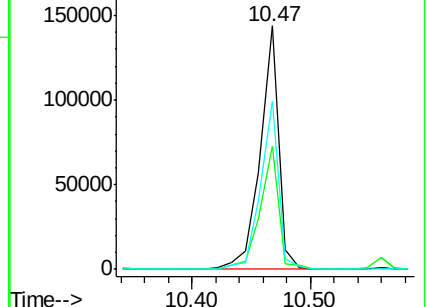
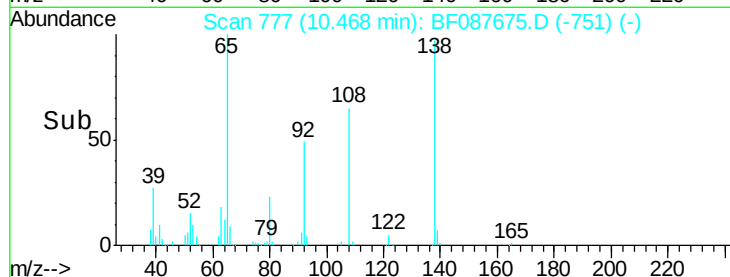
108 69.2 46.7 86.7



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: 43.05 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Tgt Ion: 77 Resp: 725238

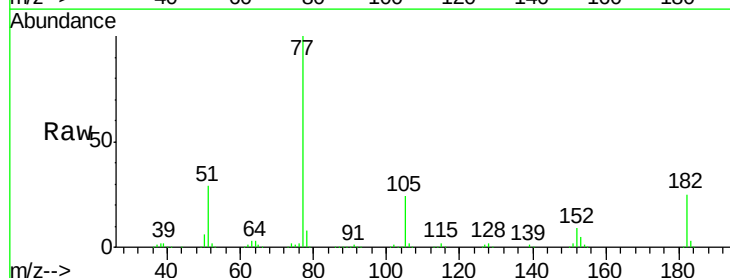
Ion Ratio Lower Upper

77 100

182 24.8 4.4 44.4

105 24.1 3.8 43.8

51 28.8 9.3 49.3

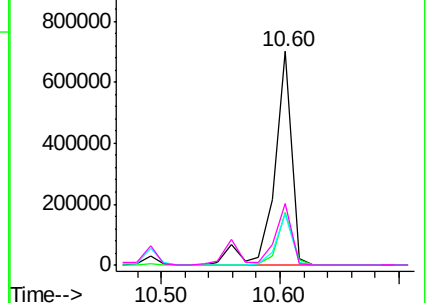
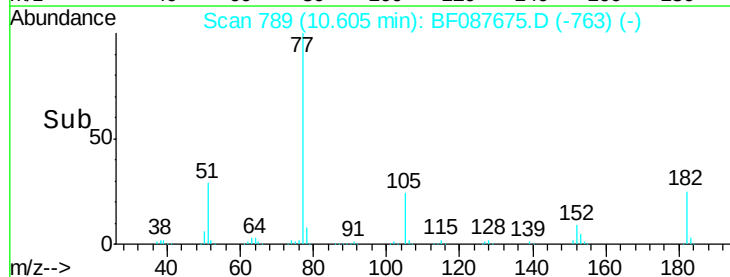


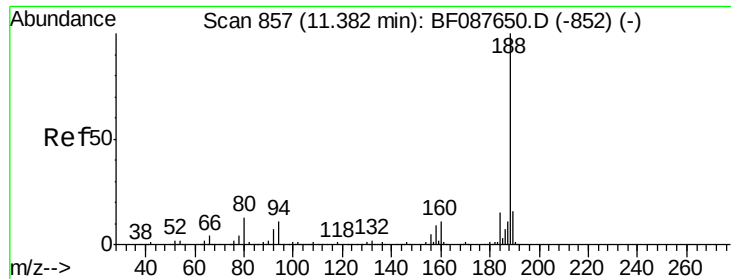
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

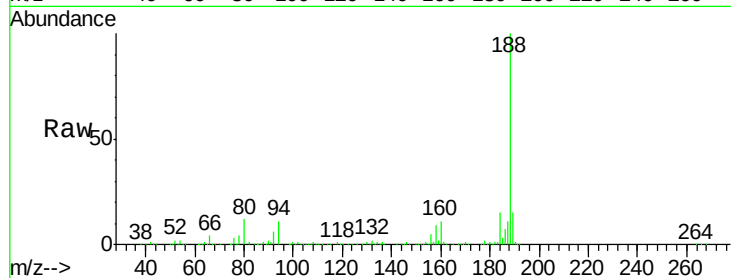
Tgt Ion:188 Resp: 407628

Ion Ratio Lower Upper

188 100

94 11.4 9.0 13.6

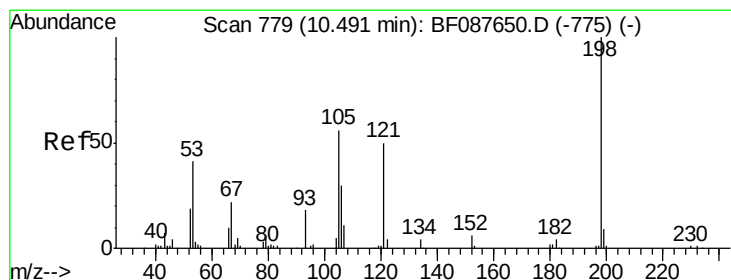
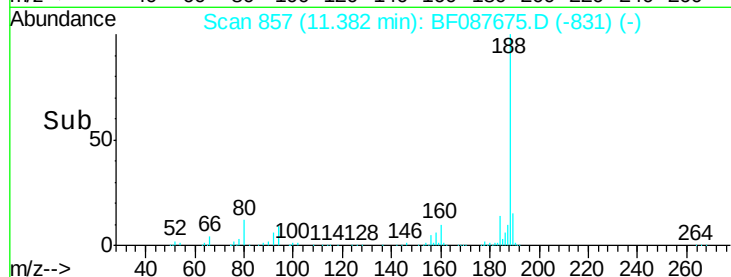
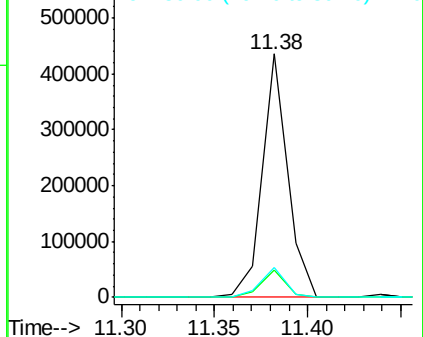
80 12.3 10.0 15.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.14 ng

RT: 10.49 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

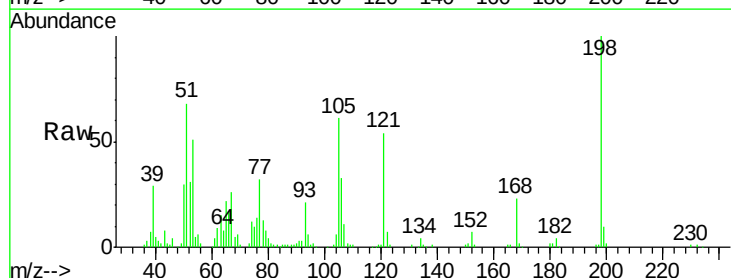
Tgt Ion:198 Resp: 97251

Ion Ratio Lower Upper

198 100

51 68.1 39.6 79.6

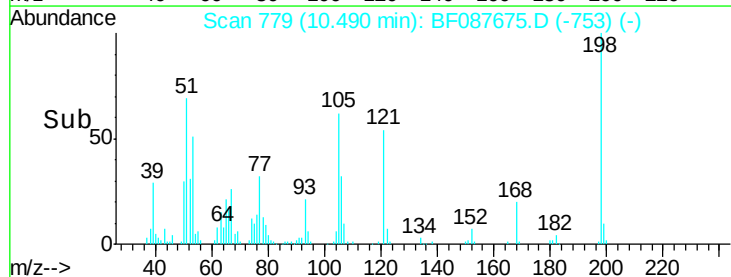
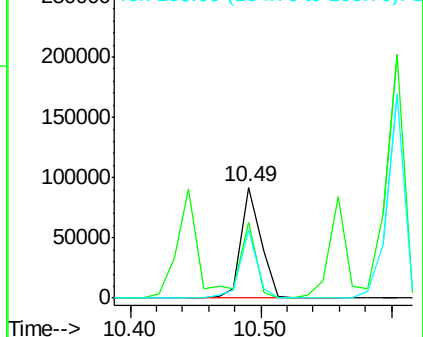
105 61.4 36.6 76.6

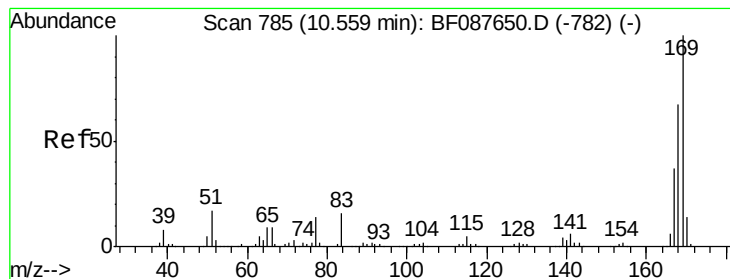


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.30 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

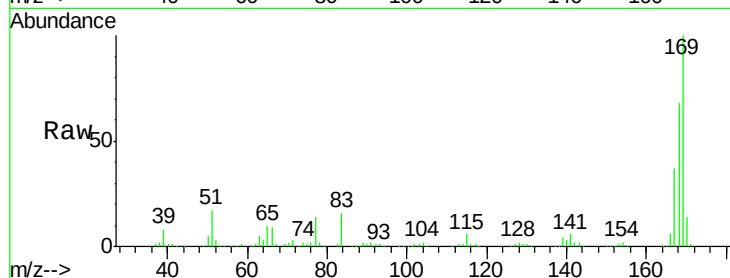
Tgt Ion:169 Resp: 538078

Ion Ratio Lower Upper

169 100

168 67.6 53.4 80.0

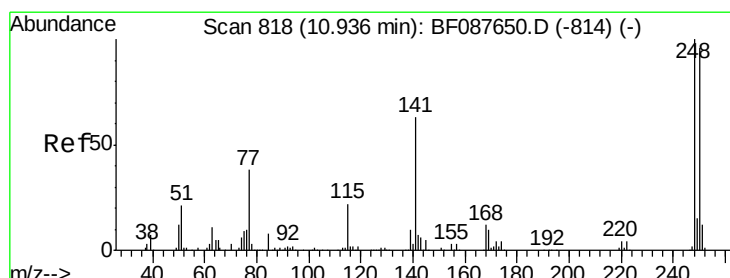
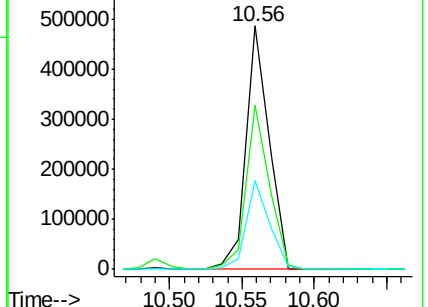
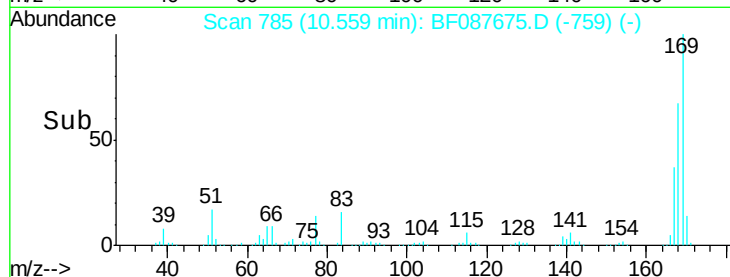
167 36.7 29.4 44.0



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: 45.47 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

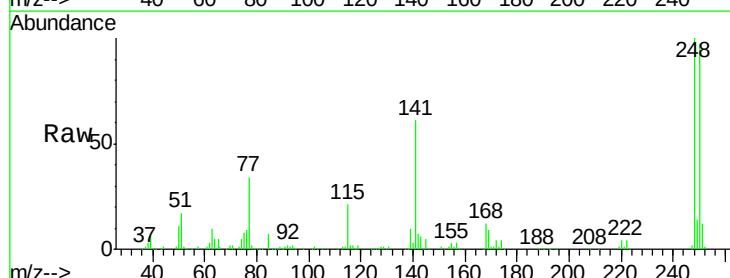
Tgt Ion:248 Resp: 183783

Ion Ratio Lower Upper

248 100

250 97.1 77.1 115.7

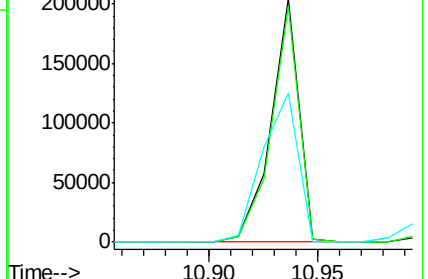
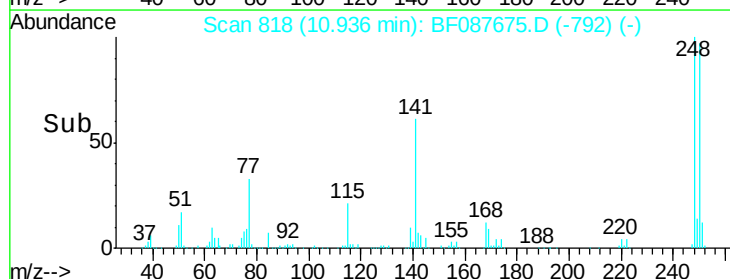
141 61.0 50.6 76.0

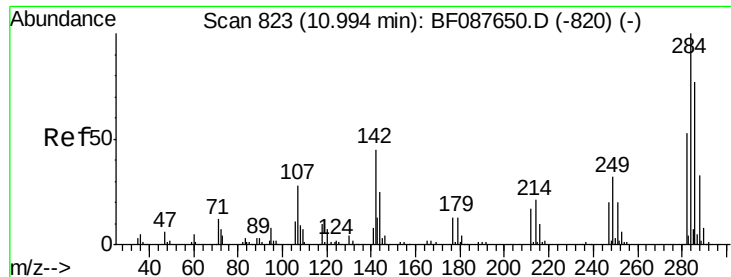


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.55 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

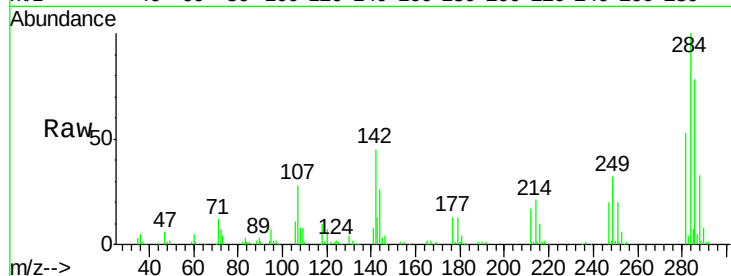
Tgt Ion:284 Resp: 178771

Ion Ratio Lower Upper

284 100

142 44.7 35.8 53.8

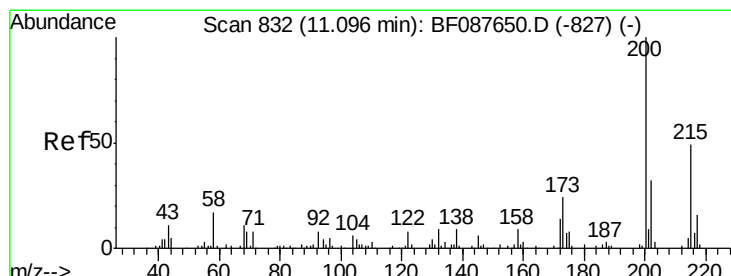
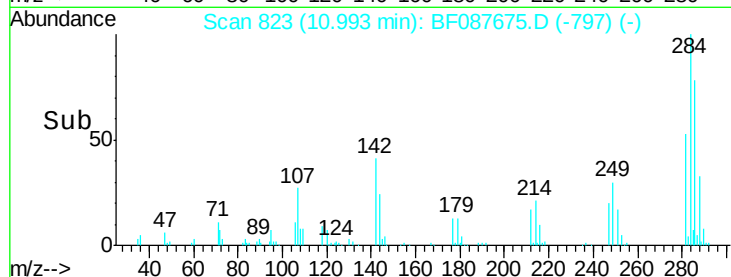
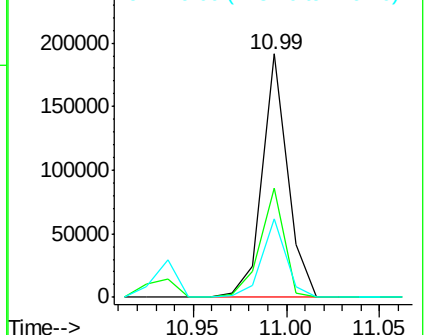
249 32.0 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.63 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

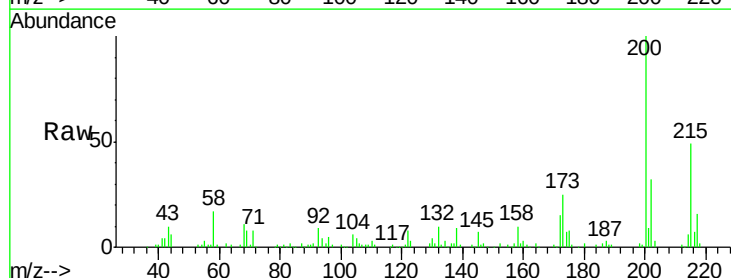
Tgt Ion:200 Resp: 176505

Ion Ratio Lower Upper

200 100

173 24.5 4.0 44.0

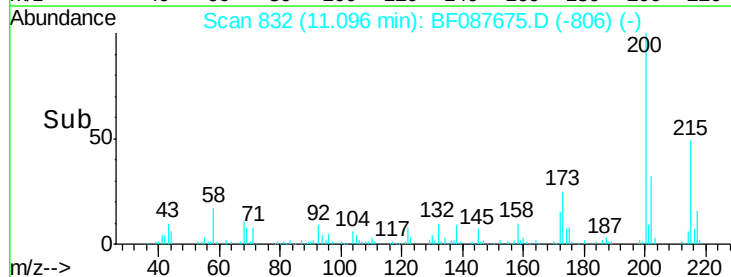
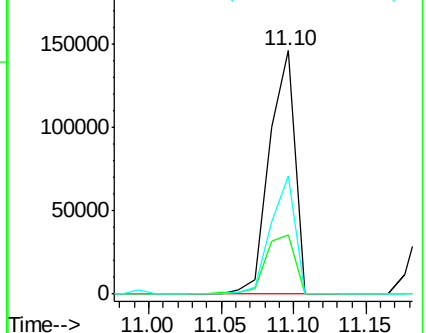
215 48.7 29.3 69.3

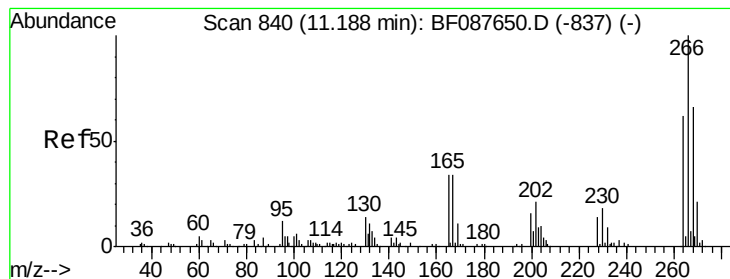


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

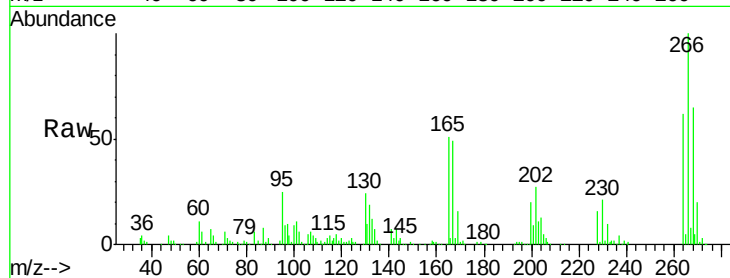




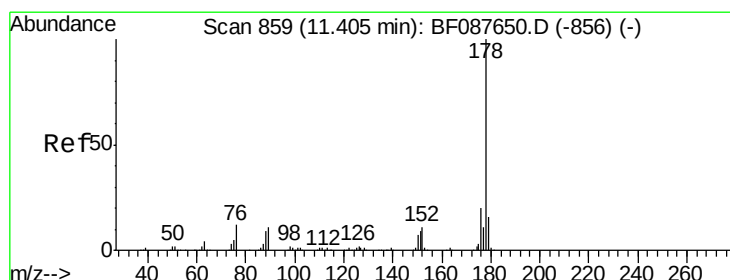
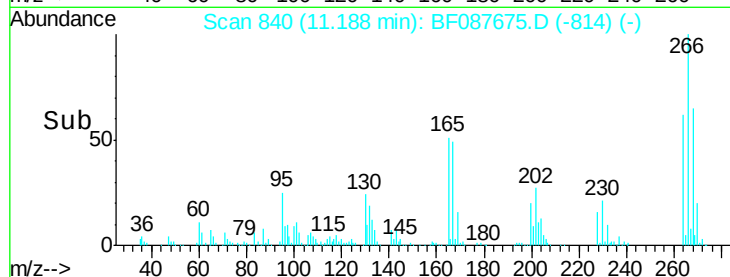
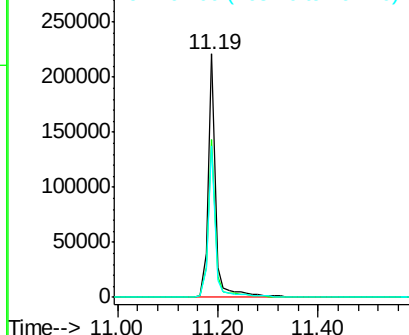
#69
 Pentachlorophenol
 Concen: 85.54 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion:266 Resp: 229742
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.8 79.2
 264 62.3 49.6 74.4

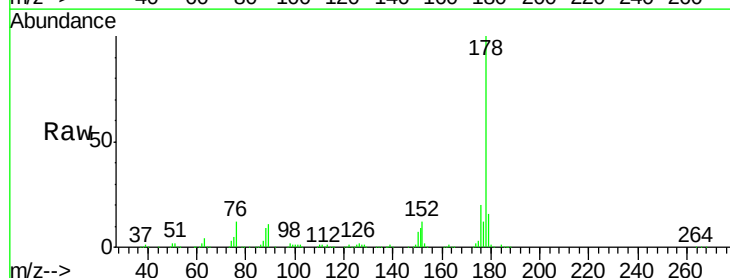


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

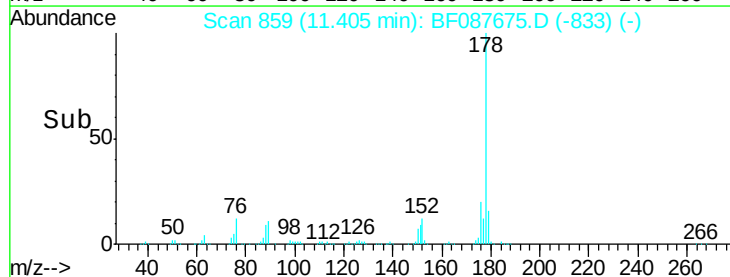
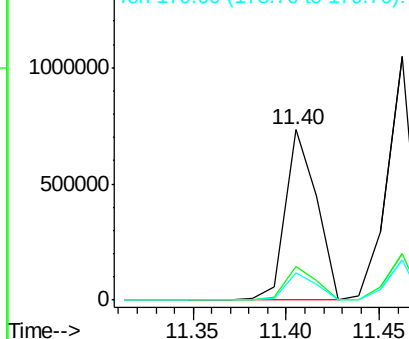


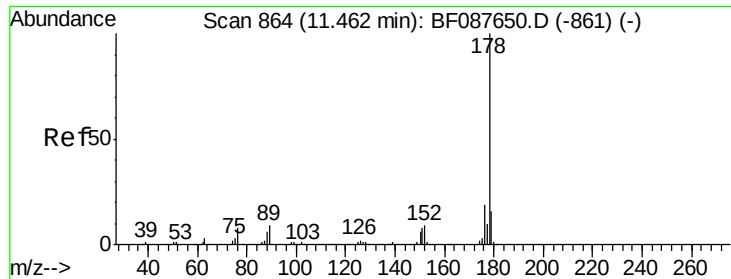
#70
 Phenanthrene
 Concen: 38.97 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:178 Resp: 861278
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.1 13.0 19.4



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





#71

Anthracene

Concen: 43.00 ng

RT: 11.46 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

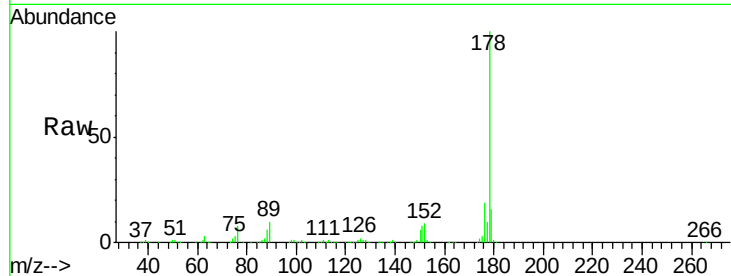
Tgt Ion:178 Resp: 952341

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

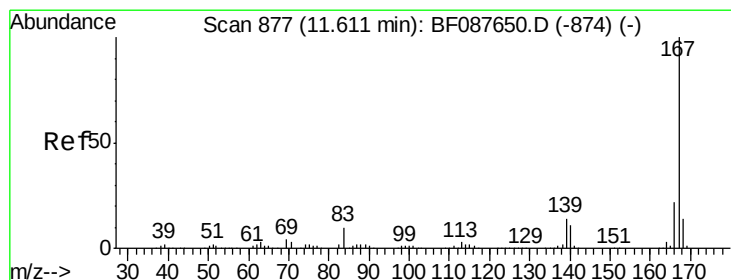
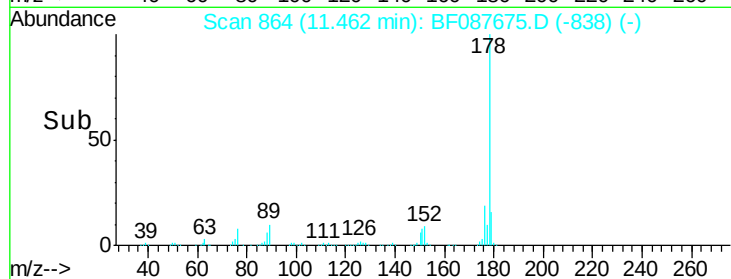
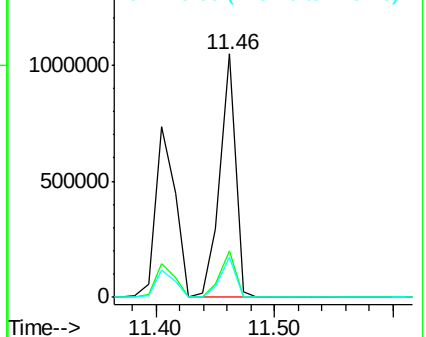
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.08 ng

RT: 11.61 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

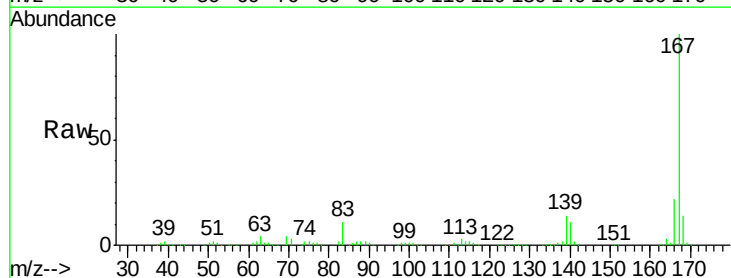
Tgt Ion:167 Resp: 819317

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

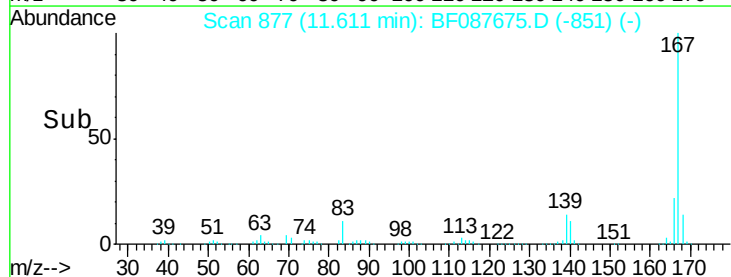
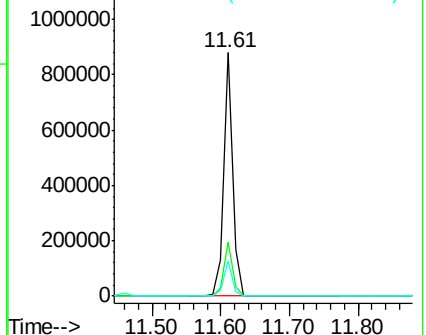
139 14.4 11.2 16.8

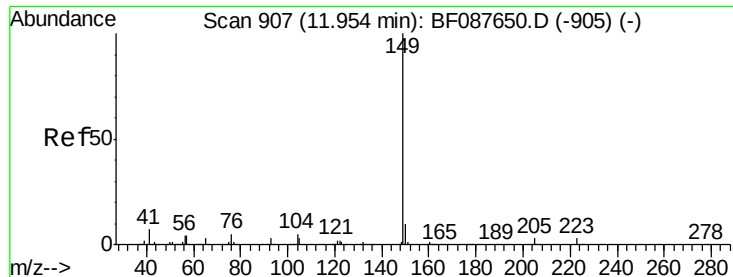


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.75 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

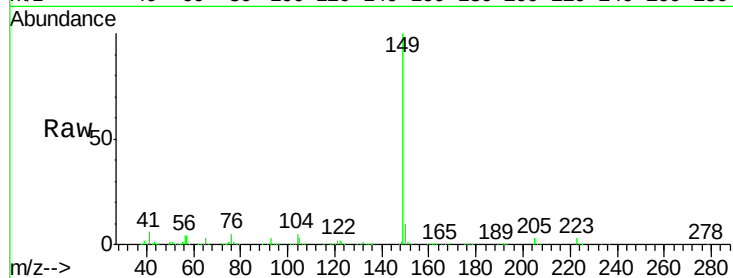
Tgt Ion:149 Resp: 1028173

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

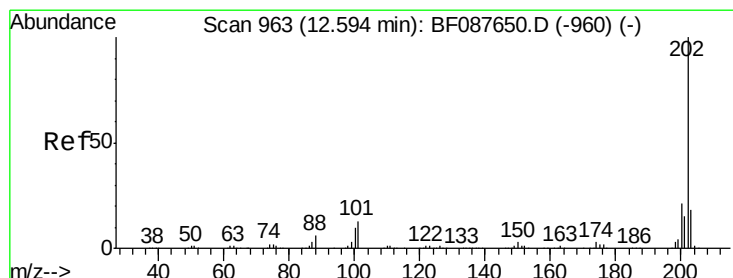
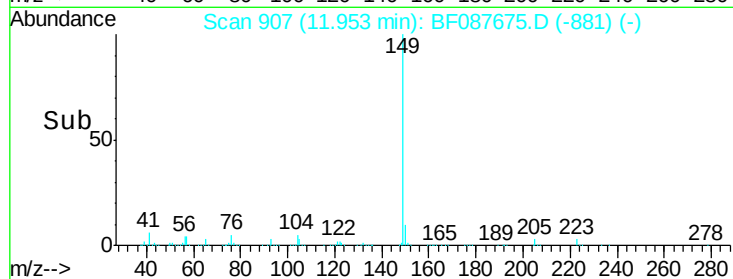
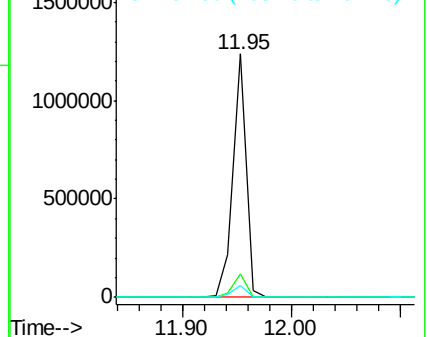
104 4.9 4.0 6.0



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: 43.08 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

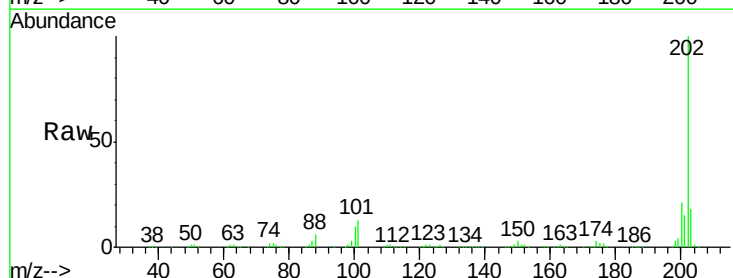
Tgt Ion:202 Resp: 937032

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

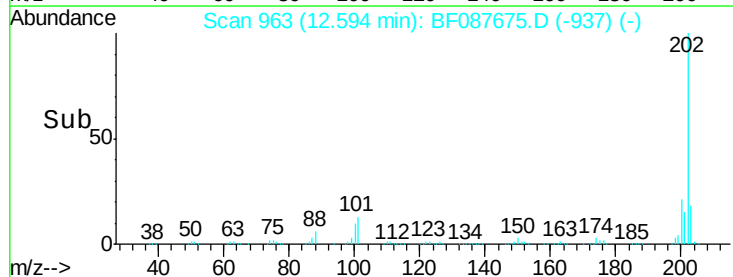
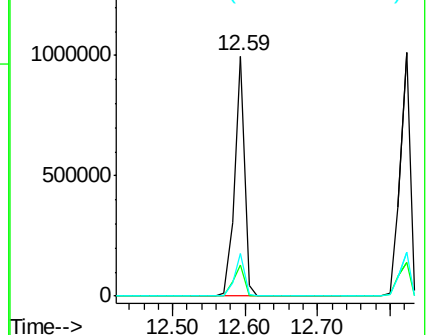
203 18.0 0.0 38.1

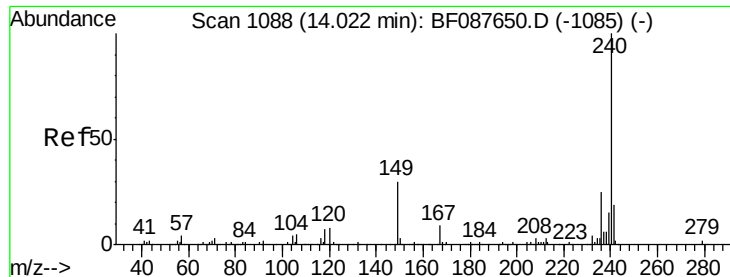


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

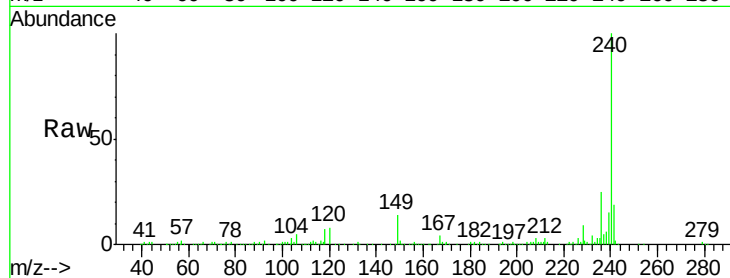
Tgt Ion:240 Resp: 310522

Ion Ratio Lower Upper

240 100

120 8.1 6.8 10.2

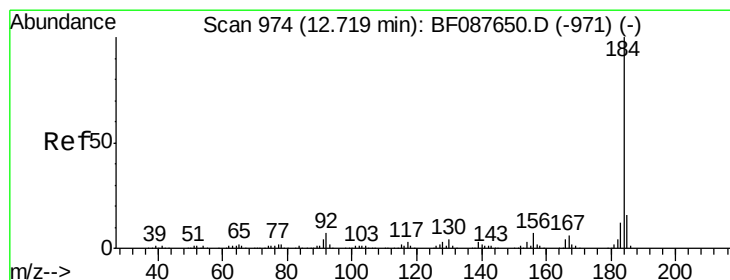
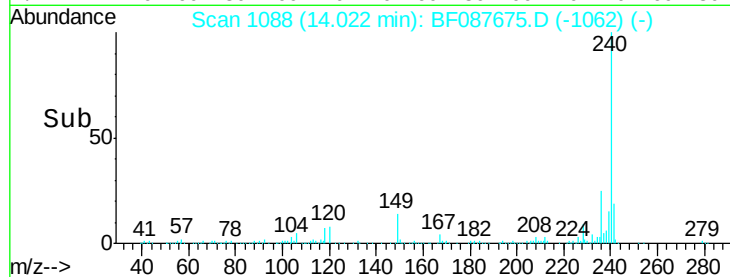
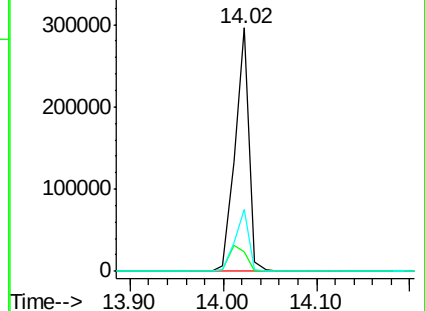
236 25.2 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.34 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

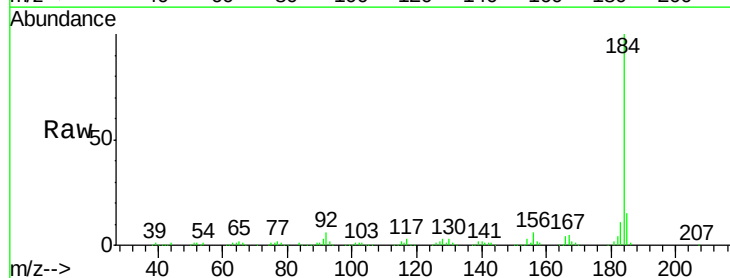
Tgt Ion:184 Resp: 347009

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

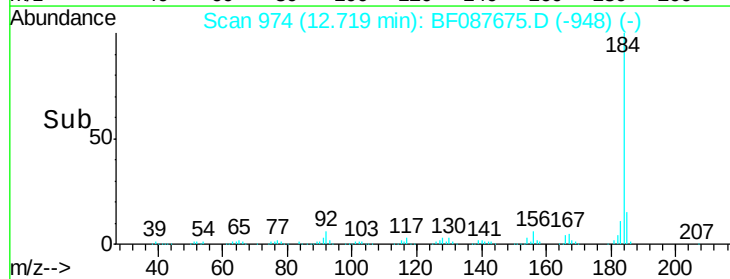
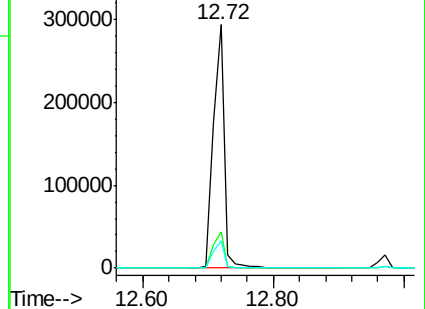
183 11.4 9.3 13.9

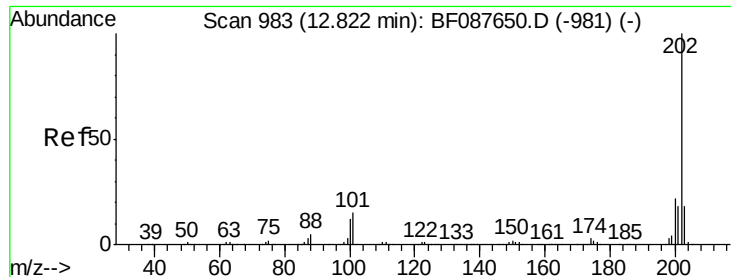


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

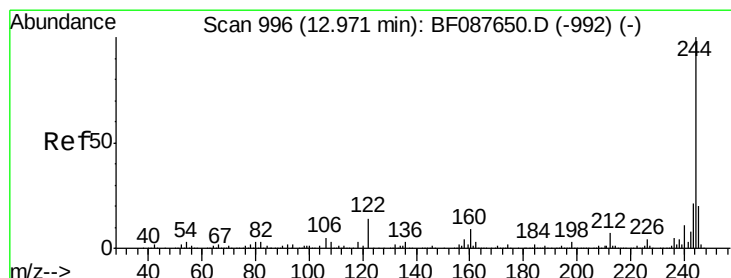
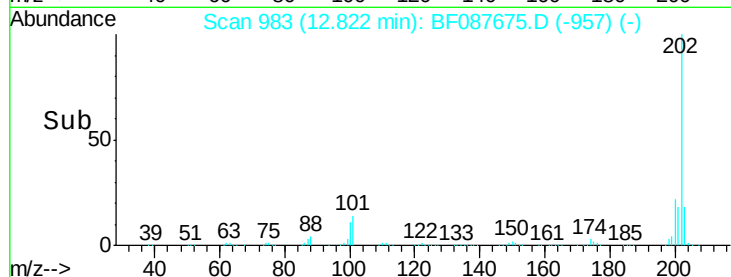
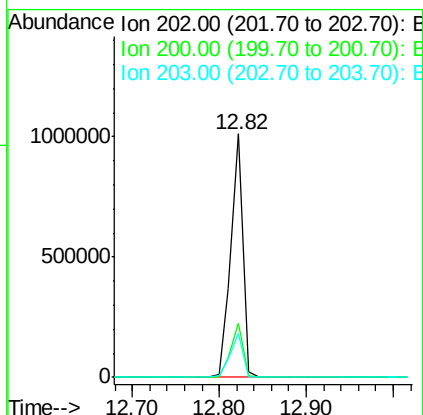
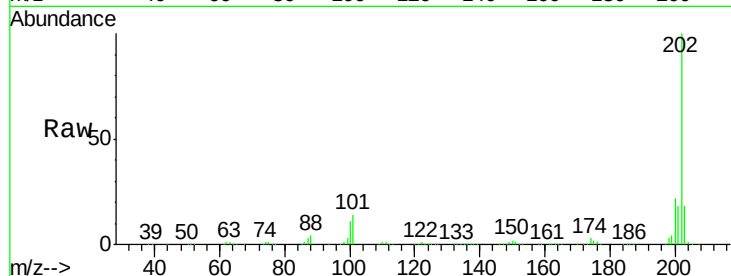




#77
Pyrene
 Concen: 44.34 ng
 RT: 12.82 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

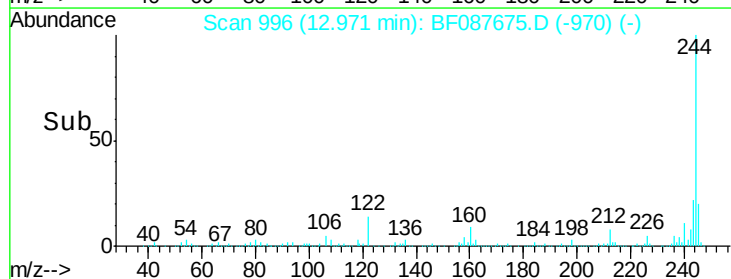
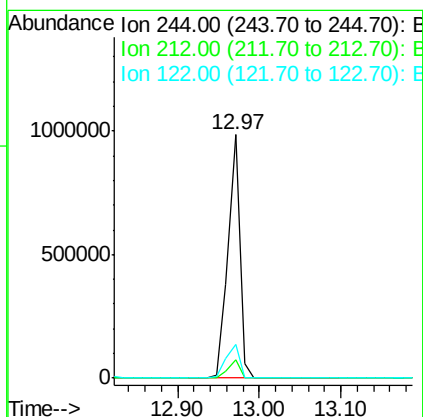
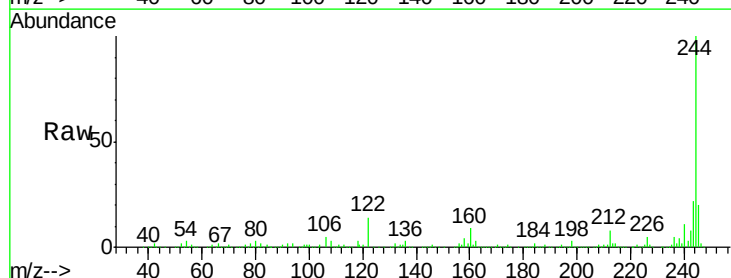
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

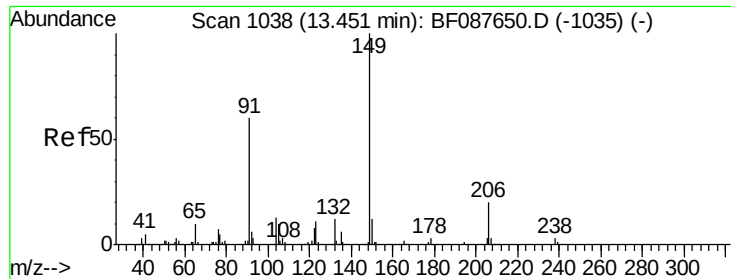
Tgt Ion:202 Resp: 980542
 Ion Ratio Lower Upper
 202 100
 200 22.1 17.4 26.2
 203 17.9 14.5 21.7



#78
Terphenyl-d14
 Concen: 77.99 ng
 RT: 12.97 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:244 Resp: 992468
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 13.8 11.2 16.8





#79

Butylbenzylphthalate

Concen: 48.62 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleID :

PB91096BS

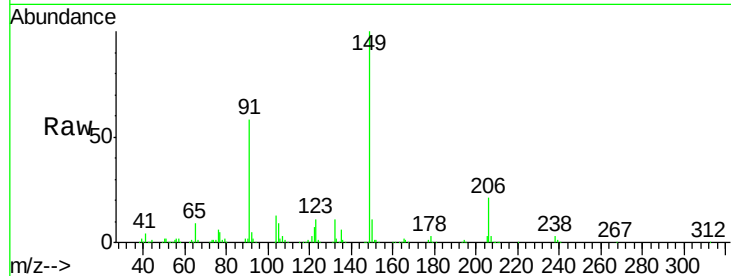
Tgt Ion:149 Resp: 457499

Ion Ratio Lower Upper

149 100

91 58.1 48.0 72.0

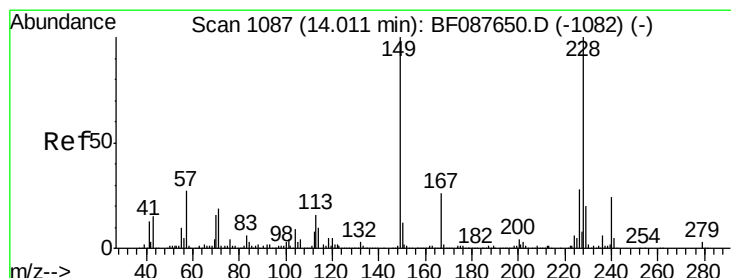
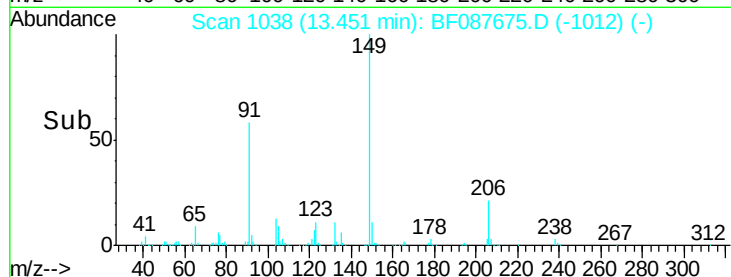
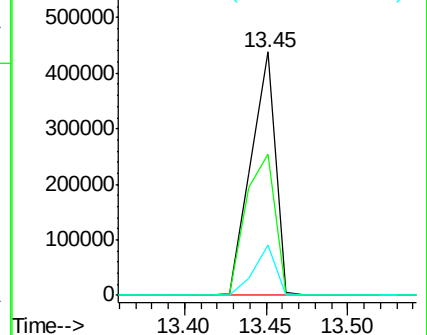
206 20.7 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.82 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

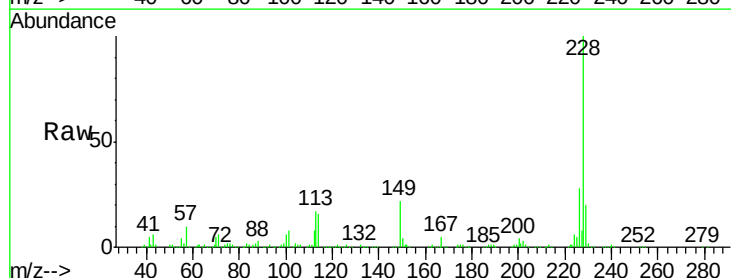
Tgt Ion:228 Resp: 749410

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

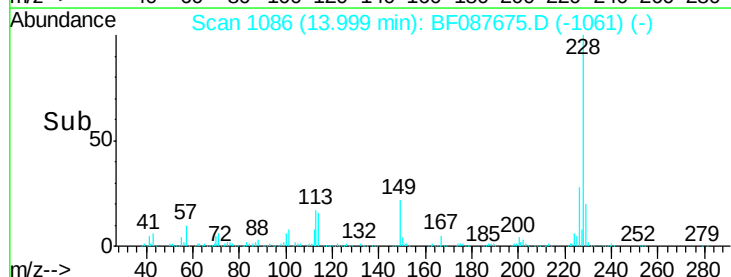
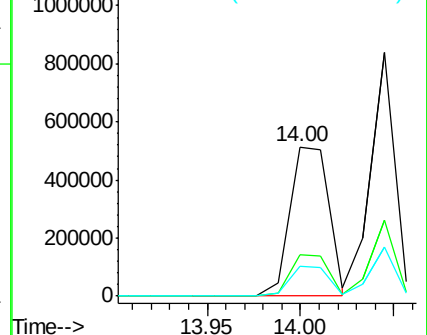
229 20.3 16.0 24.0

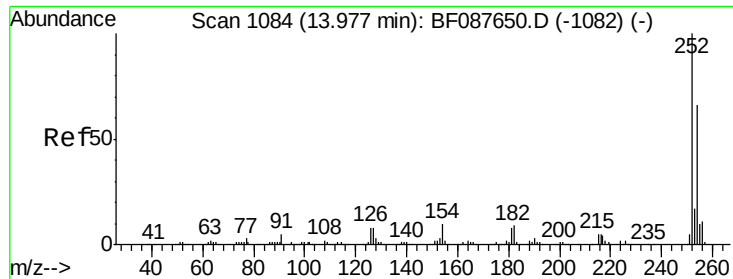


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

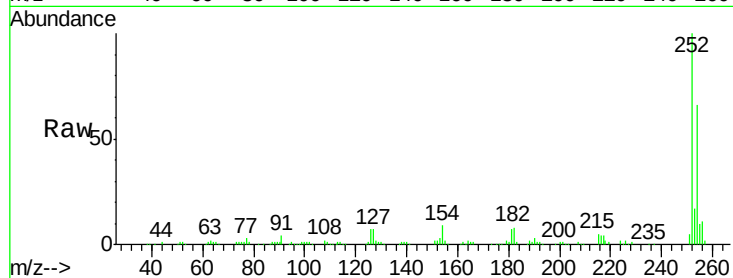




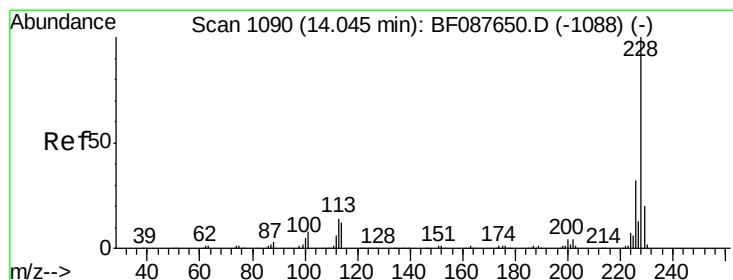
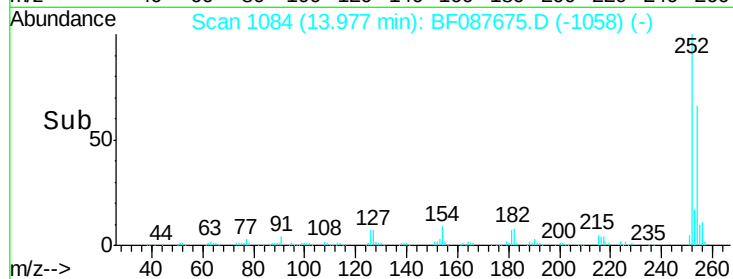
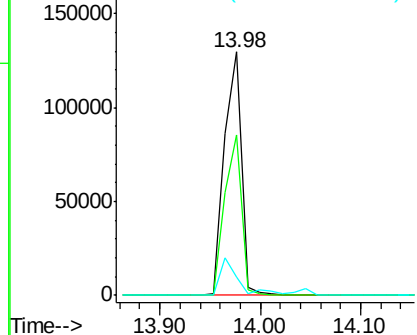
#81
 3,3'-Dichlorobenzidine
 Concen: 30.48 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion:252 Resp: 154098
 Ion Ratio Lower Upper
 252 100
 254 65.8 52.6 78.8
 126 7.3 6.2 9.2

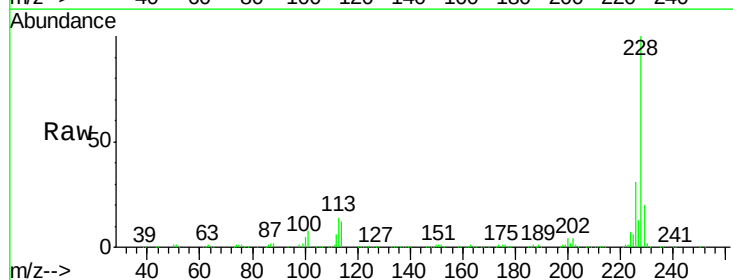


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

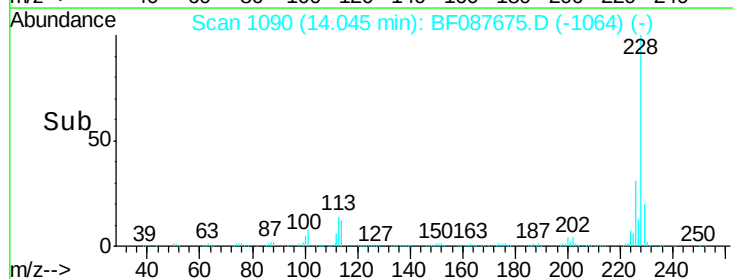
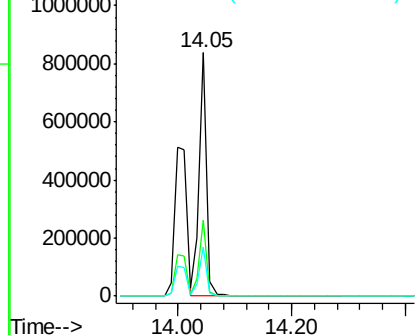


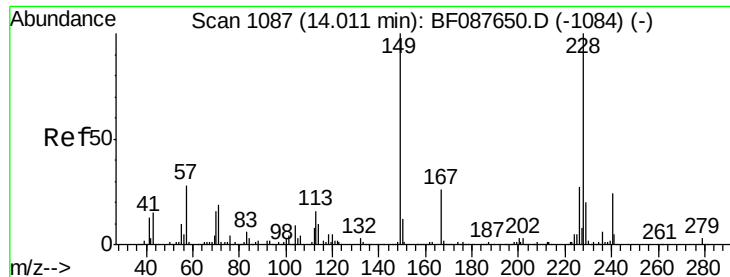
#82
 Chrysene
 Concen: 42.88 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion:228 Resp: 764778
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.4 38.2
 229 20.3 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: 47.40 ng

RT: 14.01 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

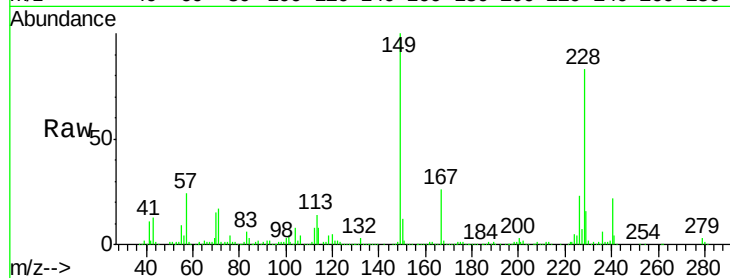
Tgt Ion:149 Resp: 530840

Ion Ratio Lower Upper

149 100

167 26.4 20.5 30.7

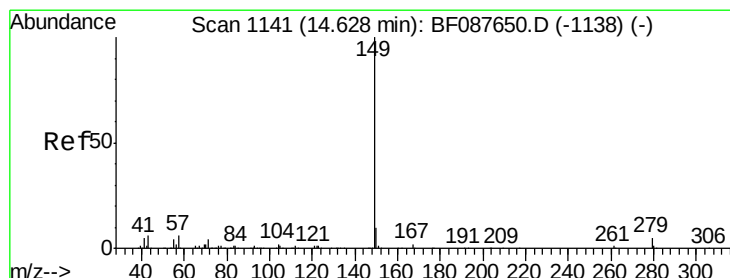
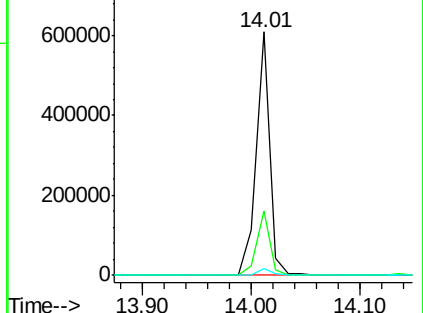
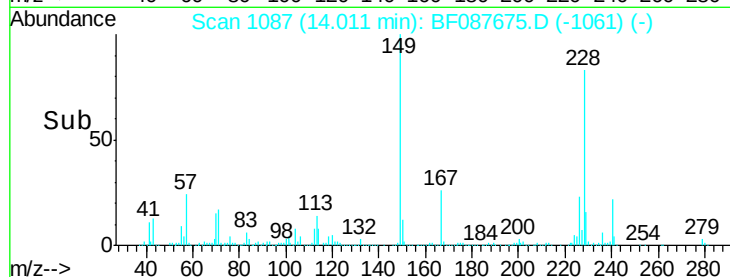
279 3.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.30 ng

RT: 14.62 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

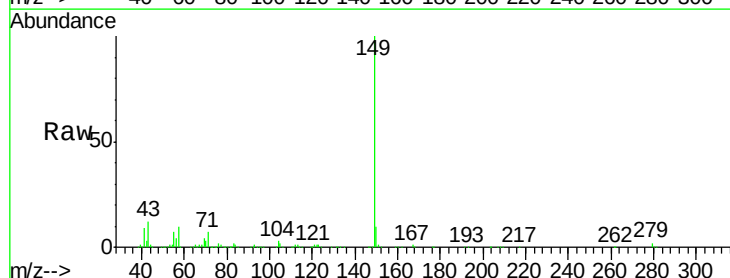
Tgt Ion:149 Resp: 943214

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

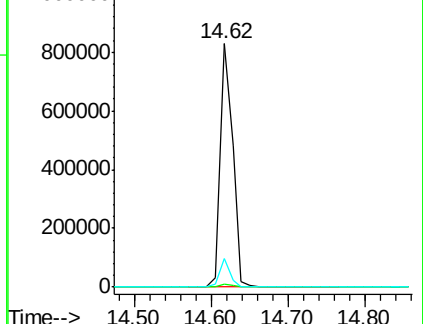
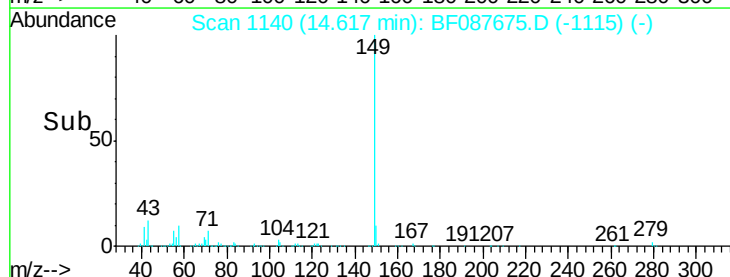
43 9.6 0.0 0.0#

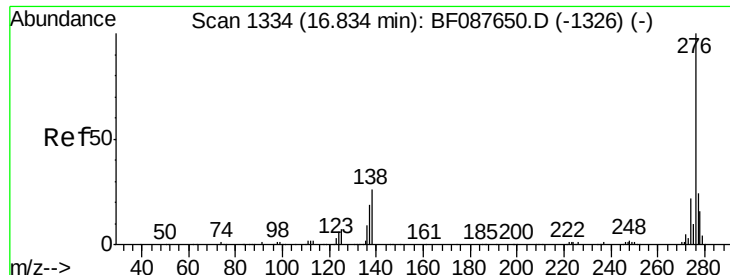


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

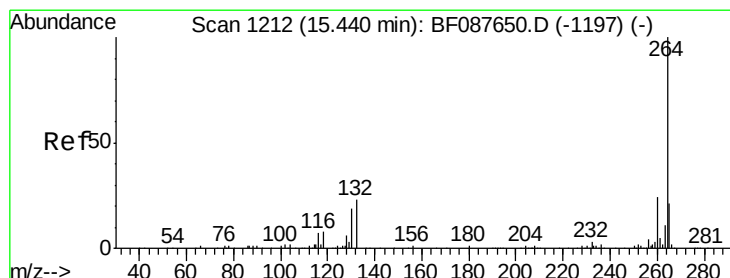
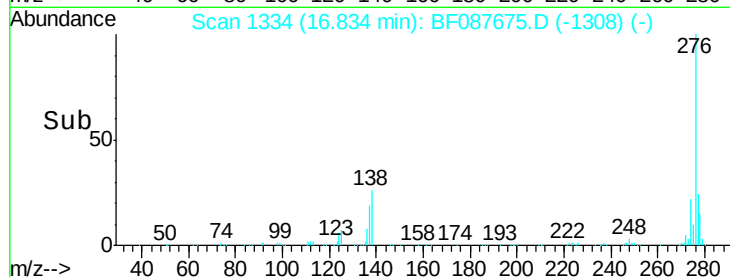
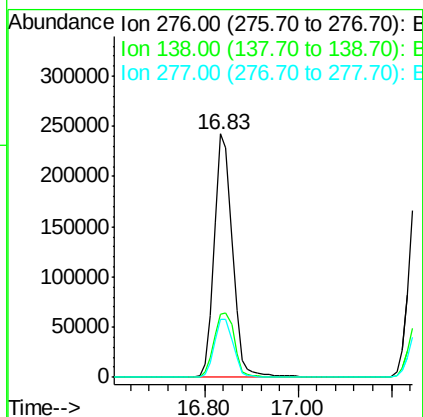
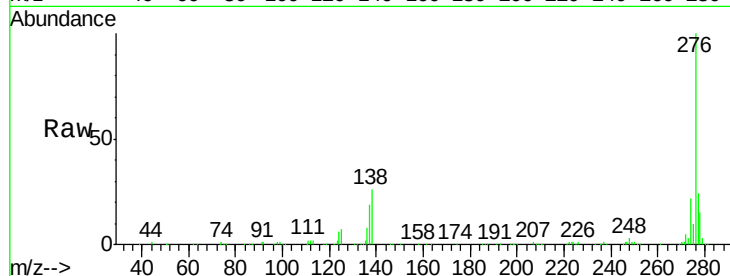




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.52 ng
 RT: 16.83 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

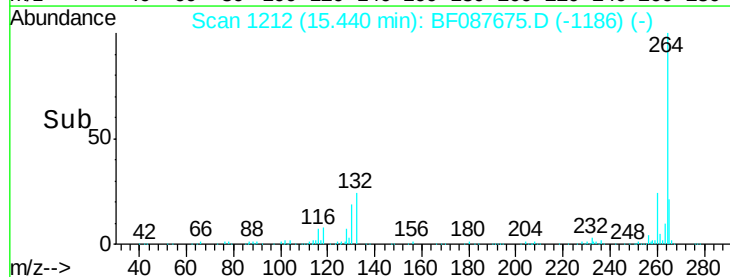
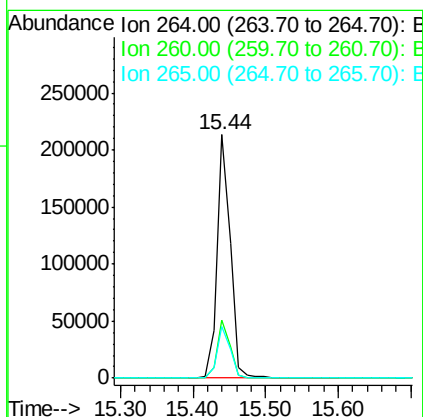
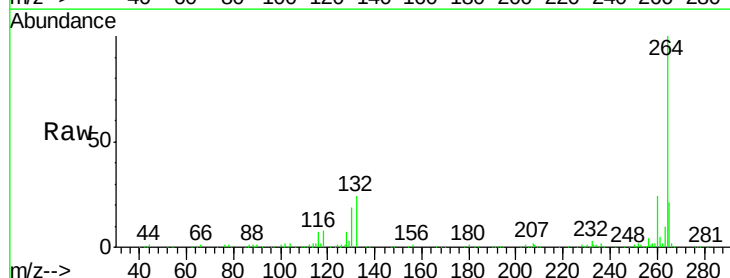
Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

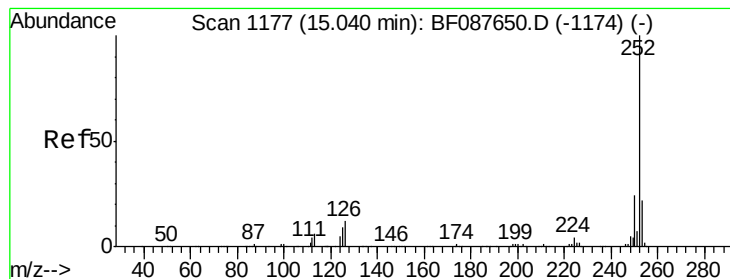
Tgt Ion: 276 Resp: 656414
 Ion Ratio Lower Upper
 276 100
 138 29.8 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Tgt Ion: 264 Resp: 270580
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 76.10 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.02 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

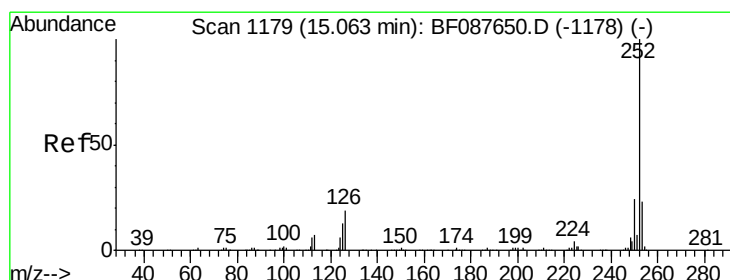
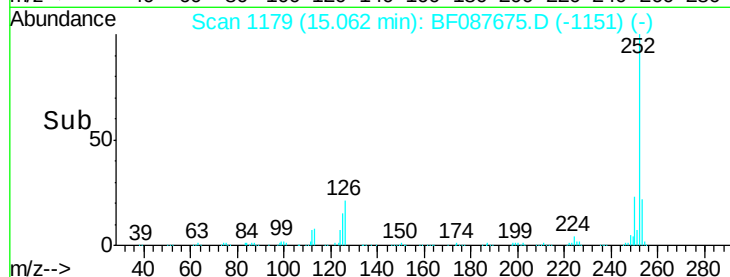
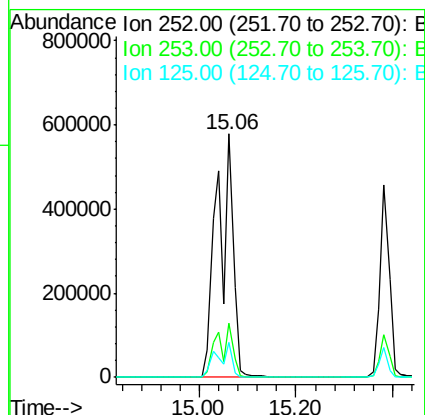
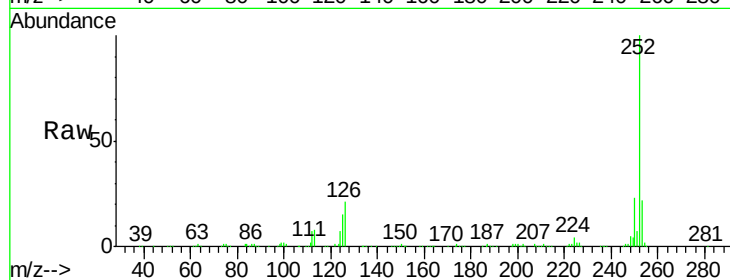
Tgt Ion:252 Resp: 1339499

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 14.5 7.1 10.7#



#88

Benzo(k)fluoranthene

Concen: 91.51 ng

RT: 15.06 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

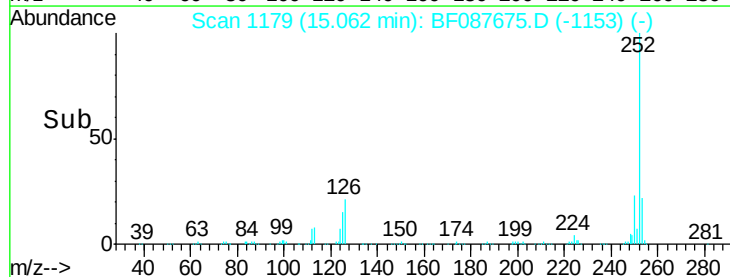
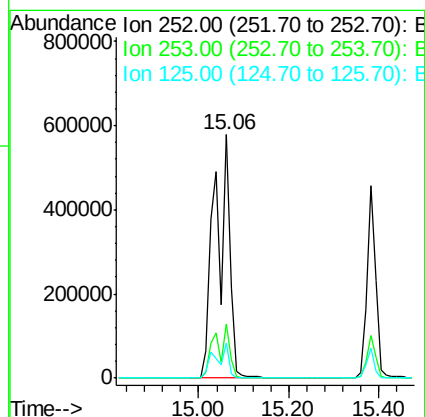
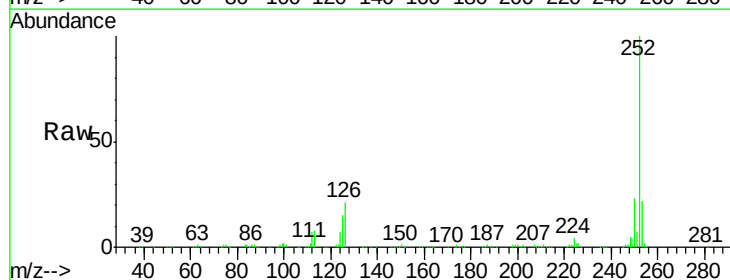
Tgt Ion:252 Resp: 1340168

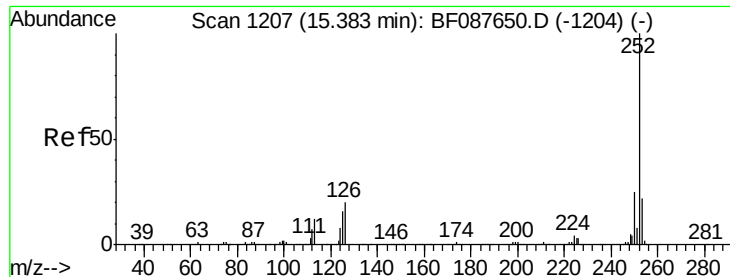
Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

125 14.5 11.2 16.8





#89

Benzo(a)pyrene

Concen: 42.23 ng

RT: 15.38 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

Instrument :

BNA_F

ClientSampleId :

PB91096BS

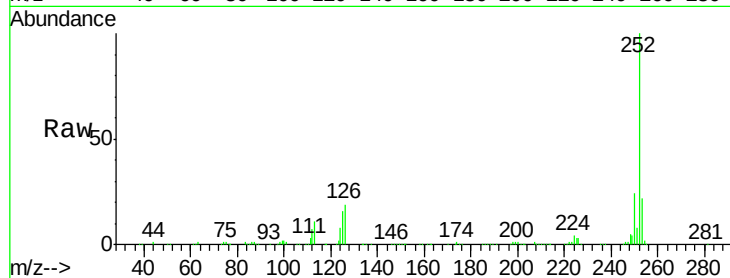
Tgt Ion:252 Resp: 624826

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

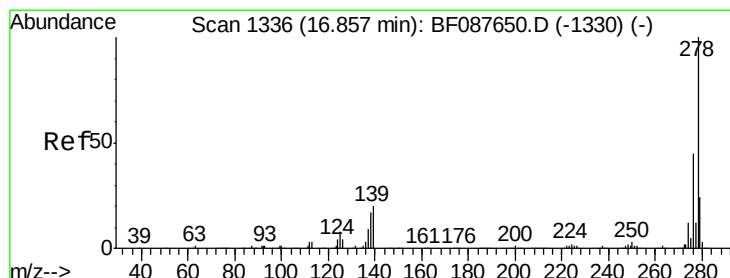
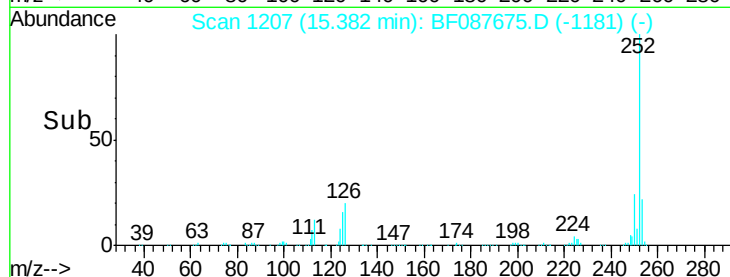
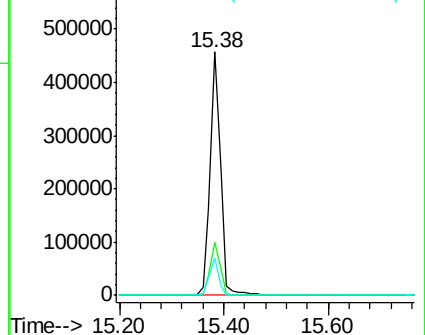
125 15.5 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.64 ng

RT: 16.86 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF087675.D

Acq: 4 Jun 2016 19:47

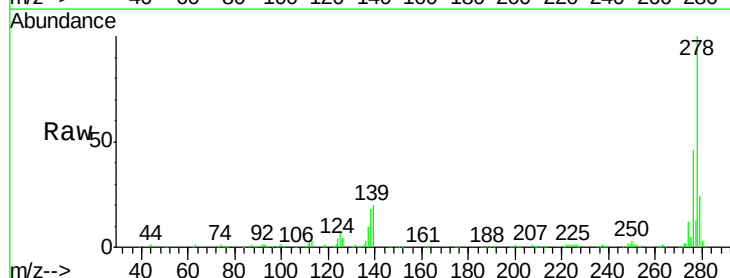
Tgt Ion:278 Resp: 549500

Ion Ratio Lower Upper

278 100

139 20.0 15.7 23.5

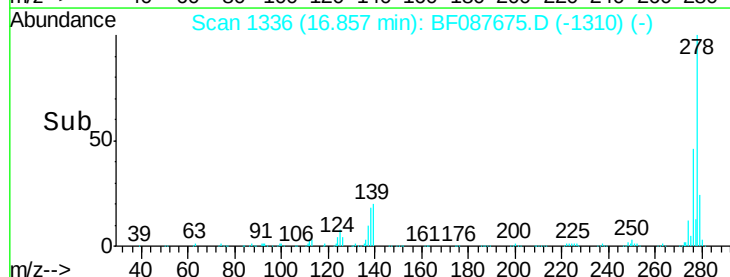
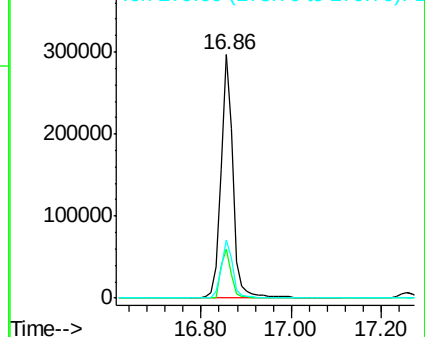
279 24.0 19.4 29.2

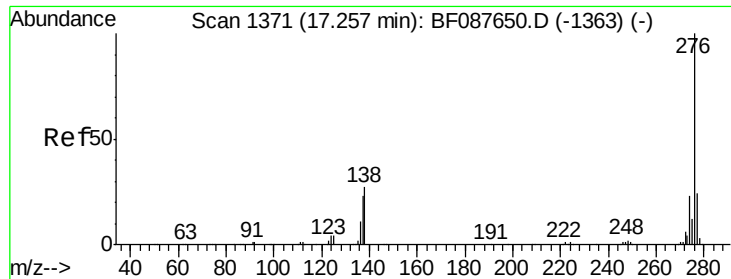


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

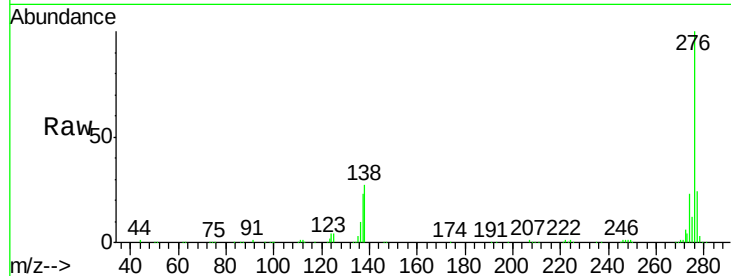




#91
 Benzo(g,h,i)perylene
 Concen: 42.99 ng
 RT: 17.26 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF087675.D
 Acq: 4 Jun 2016 19:47

Instrument :
 BNA_F
 ClientSampleId :
 PB91096BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.9	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

