

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080456.D
 Acq On : 14 Jul 2015 9:02
 Operator : TP/UM
 Sample : PB84467BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Quant Time: Jul 14 12:03:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	12161	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	53330	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	28372	20.00	ng	-0.01
63) Phenanthrene-d10	11.66	188	53314	20.00	ng	-0.02
75) Chrysene-d12	14.49	240	71098	20.00	ng	-0.05
86) Perylene-d12	16.21	264	83884	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	84097	118.50	ng	-0.02
7) Phenol-d6	6.77	99	103153	109.10	ng	-0.02
23) Nitrobenzene-d5	7.70	82	65919	70.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	26177	94.53	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	147150	69.85	ng	-0.01
78) Terphenyl-d14	13.29	244	183722	56.12	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	8816	25.80	ng	# 58
3) Pyridine	3.89	79	21451	28.28	ng	97
4) n-Nitrosodimethylamine	3.71	42	15022	36.10	ng	# 99
6) Aniline	6.81	93	26060	22.10	ng	# 81
8) 2-Chlorophenol	6.93	128	27931	32.67	ng	93
9) Benzaldehyde	6.69	77	10401	19.89	ng	98
10) Phenol	6.80	94	38347	36.70	ng	87
11) bis(2-Chloroethyl)ether	6.86	93	26772	31.12	ng	91
12) 1,3-Dichlorobenzene	7.07	146	34243	35.42	ng	96
13) 1,4-Dichlorobenzene	7.15	146	36479	33.46	ng	99
14) 1,2-Dichlorobenzene	7.31	146	32763	31.72	ng	97
15) Benzyl Alcohol	7.29	79	23213	29.83	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.40	45	48580	39.16	ng	# 57
17) 2-Methylphenol	7.40	107	22147	29.80	ng	# 92
18) Hexachloroethane	7.65	117	10712	31.84	ng	95
19) n-Nitroso-di-n-propylamine	7.54	70	19457	30.07	ng	91
20) 3+4-Methylphenols	7.55	107	33941	36.35	ng	# 35
22) Acetophenone	7.54	105	42518	33.27	ng	98
24) Nitrobenzene	7.72	77	30454	29.44	ng	92
25) Isophorone	7.95	82	60565	36.14	ng	# 92
26) 2-Nitrophenol	8.04	139	13544	27.27	ng	96
27) 2,4-Dimethylphenol	8.08	122	28681	36.69	ng	96
28) bis(2-Chloroethoxy)methane	8.16	93	36933	36.42	ng	99
29) 2,4-Dichlorophenol	8.28	162	25269	35.02	ng	85
30) 1,2,4-Trichlorobenzene	8.36	180	27872	29.20	ng	99
31) Naphthalene	8.44	128	93859	32.18	ng	99
32) Benzoic acid	8.16	122	13066	23.78	ng	99
33) 4-Chloroaniline	8.50	127	22679	22.94	ng	96
34) Hexachlorobutadiene	8.56	225	16519	29.81	ng	98
35) Caprolactam	8.84	113	6233	30.20	ng	# 81
36) 4-Chloro-3-methylphenol	8.98	107	27769	36.34	ng	86
37) 2-Methylnaphthalene	9.23	142	55490	28.83	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.30	216	29598	31.18	ng	98
40) Hexachlorocyclopentadiene	9.29	237	31571	63.75	ng	99

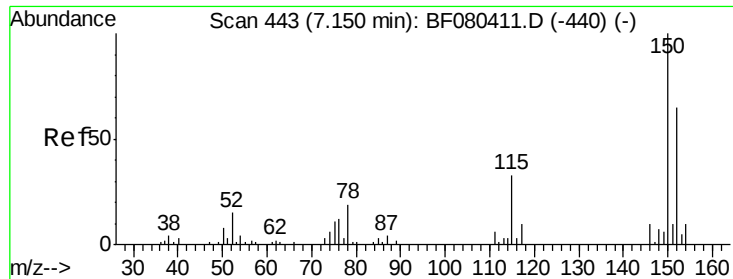
Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080456.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.41	196	17546	32.09	ng	93
43) 2,4,5-Trichlorophenol	9.46	196	20002	34.09	ng #	89
45) 1,1'-Biphenyl	9.60	154	79767	32.25	ng	99
46) 2-Chloronaphthalene	9.62	162	54232	29.71	ng #	90
47) 2-Nitroaniline	9.73	65	15148	28.26	ng #	81
48) Acenaphthylene	10.04	152	101894	32.63	ng	99
49) Dimethylphthalate	9.89	163	69384	32.35	ng	99
50) 2,6-Dinitrotoluene	9.96	165	12769	26.53	ng #	75
51) Acenaphthene	10.21	154	65583	33.04	ng	98
52) 3-Nitroaniline	10.14	138	11471	24.41	ng	81
53) 2,4-Dinitrophenol	10.24	184	14683	66.89	ng #	68
54) Dibenzofuran	10.38	168	93432	35.55	ng	95
55) 4-Nitrophenol	10.32	139	22200	59.68	ng #	79
56) 2,4-Dinitrotoluene	10.36	165	21102	37.49	ng #	70
57) Fluorene	10.73	166	74977	33.86	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.51	232	17014	33.05	ng #	93
59) Diethylphthalate	10.59	149	64645	30.79	ng #	93
60) 4-Chlorophenyl-phenylether	10.72	204	32184	30.17	ng #	86
61) 4-Nitroaniline	10.75	138	14879	32.08	ng	97
62) Azobenzene	10.88	77	74133	32.71	ng	86
64) 4,6-Dinitro-2-methylphenol	10.77	198	9534	33.31	ng #	63
65) n-Nitrosodiphenylamine	10.83	169	63415	38.16	ng	99
66) 4-Bromophenyl-phenylether	11.21	248	20455	36.00	ng #	84
67) Hexachlorobenzene	11.28	284	19359	33.93	ng #	62
68) Atrazine	11.36	200	18354	35.52	ng	96
69) Pentachlorophenol	11.48	266	21309	65.40	ng	97
70) Phenanthrene	11.70	178	107926	33.69	ng	98
71) Anthracene	11.74	178	113927	38.41	ng	98
72) Carbazole	11.90	167	109329	39.94	ng	98
73) Di-n-butylphthalate	12.21	149	118024	40.78	ng	100
74) Fluoranthene	12.91	202	123447	37.16	ng	99
76) Benzidine	13.04	184	67142	48.33	ng	98
77) Pyrene	13.15	202	131285	28.82	ng	99
79) Butylbenzylphthalate	13.80	149	50800	29.42	ng	98
80) Benzo(a)anthracene	14.48	228	139343	31.10	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	36774	27.45	ng #	97
82) Chrysene	14.52	228	137514	33.33	ng	100
83) Bis(2-ethylhexyl)phthalate	14.44	149	78457	28.95	ng	96
84) Di-n-octyl phthalate	15.19	149	138369	28.99	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.86	276	230692	45.01	ng	98
87) Benzo(b)fluoranthene	15.73	252	156571	26.87	ng	96
88) Benzo(k)fluoranthene	15.73	252	156571	32.86	ng	96
89) Benzo(a)pyrene	16.15	252	166361	32.58	ng	99
90) Dibenzo(a,h)anthracene	17.87	278	189017	37.38	ng #	97
91) Benzo(g,h,i)perylene	18.36	276	199296	39.67	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

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PB84467BS

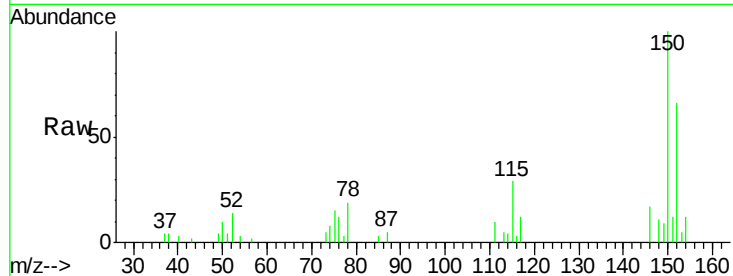
Tgt Ion:152 Resp: 12161

Ion Ratio Lower Upper

152 100

150 151.9 122.3 183.5

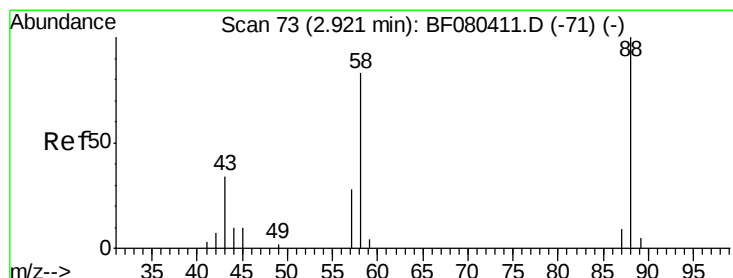
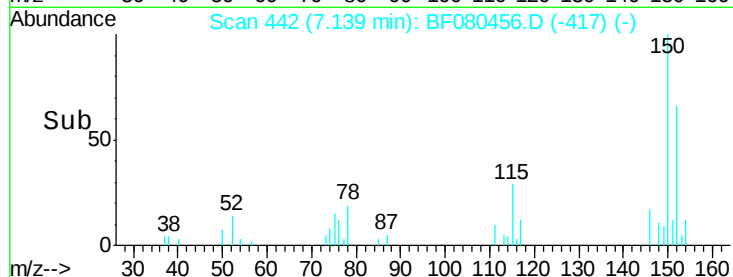
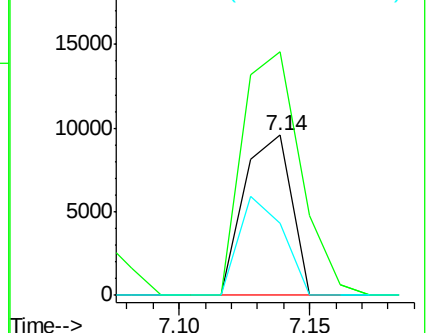
115 44.7 41.0 61.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.80 ng

RT: 2.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

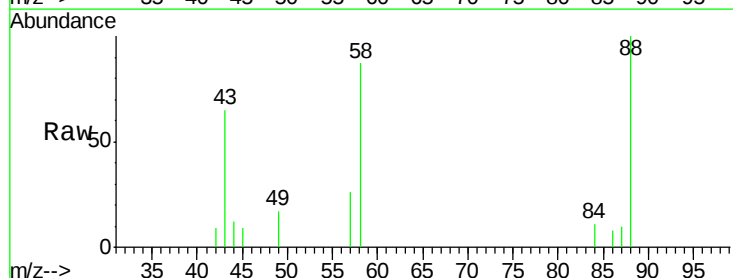
Tgt Ion: 88 Resp: 8816

Ion Ratio Lower Upper

88 100

58 126.3 62.4 93.6#

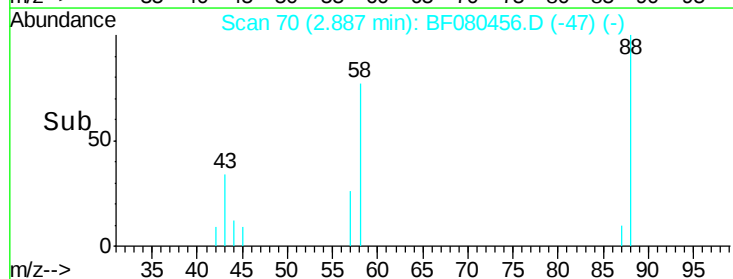
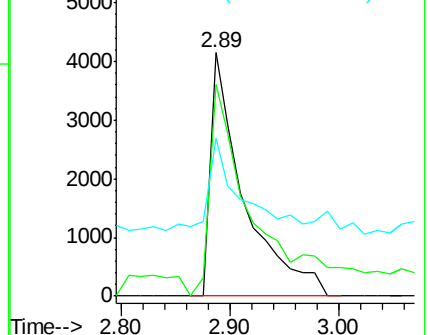
43 34.5 24.4 36.6

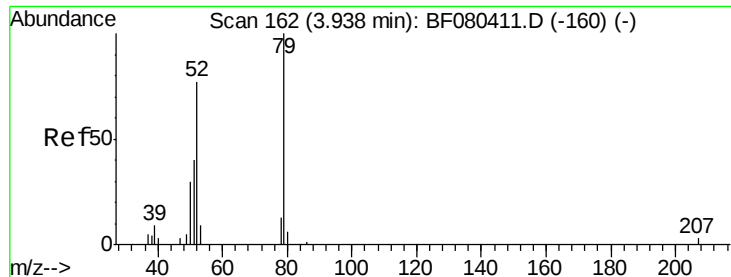


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.28 ng

RT: 3.89 min Scan# 158

Delta R.T. -0.05 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

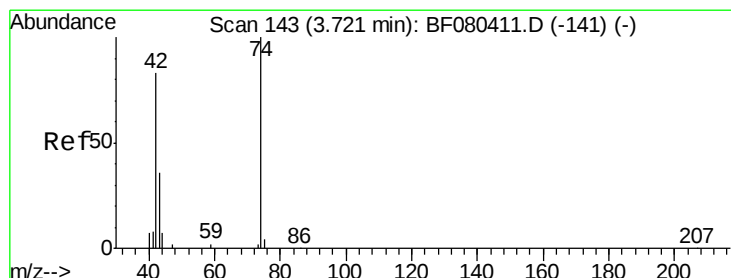
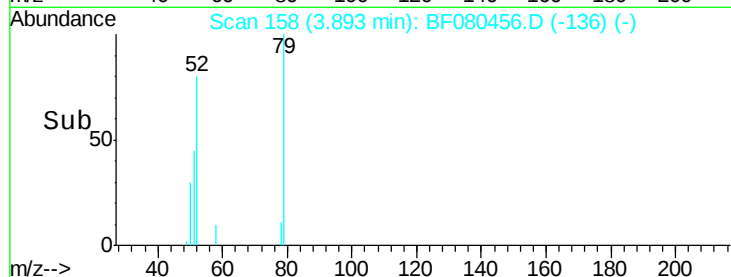
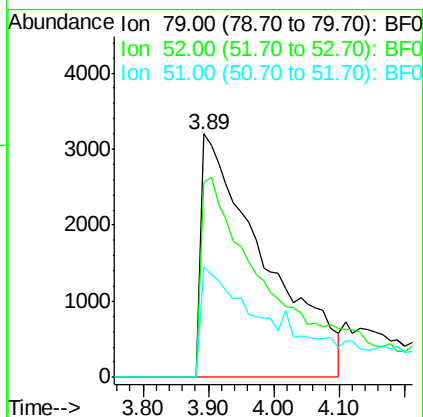
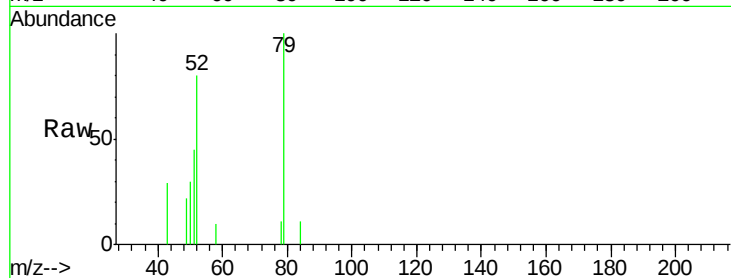
Tgt Ion: 79 Resp: 21451

Ion Ratio Lower Upper

79 100

52 79.9 61.6 92.4

51 45.2 34.5 51.7



#4

n-Nitrosodimethylamine

Concen: 36.10 ng

RT: 3.71 min Scan# 142

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

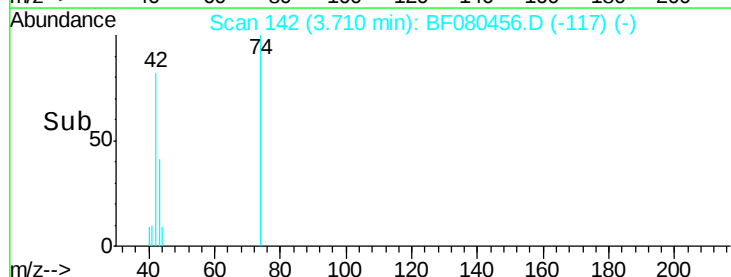
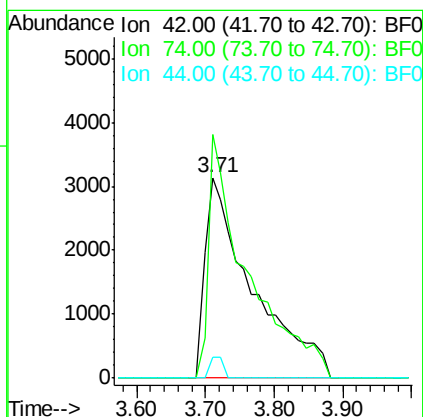
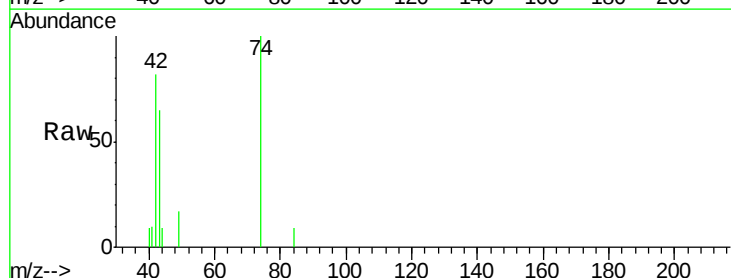
Tgt Ion: 42 Resp: 15022

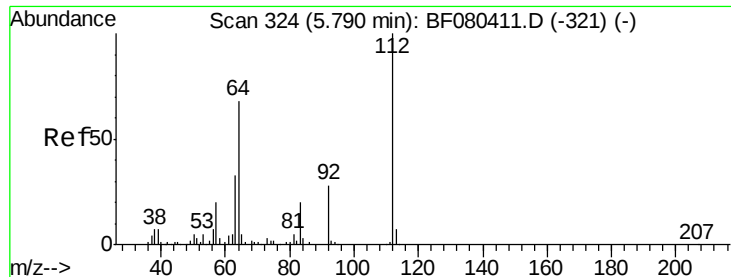
Ion Ratio Lower Upper

42 100

74 121.5 97.0 145.4

44 10.4 6.3 9.5#





#5

2-Fluorophenol

Concen: 118.50 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

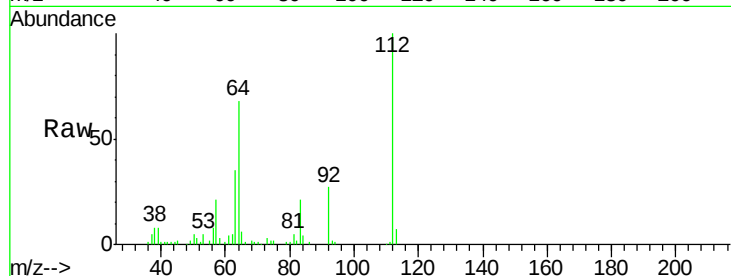
Tgt Ion: 112 Resp: 84097

Ion Ratio Lower Upper

112 100

64 68.3 54.3 81.5

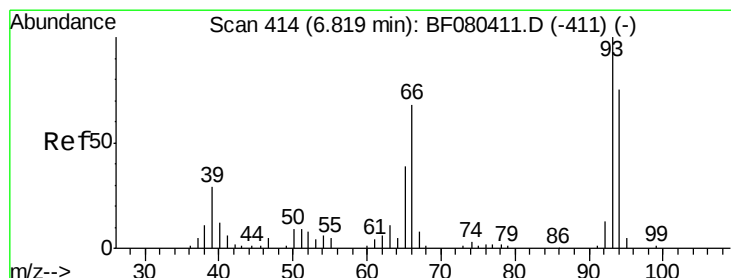
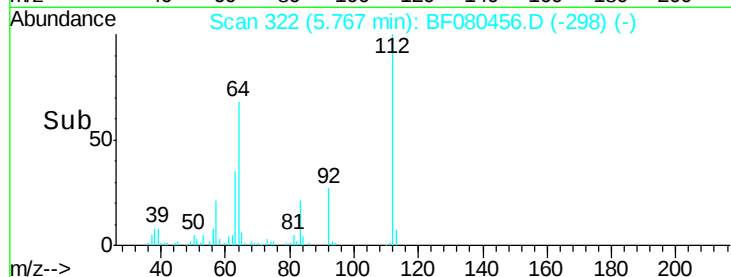
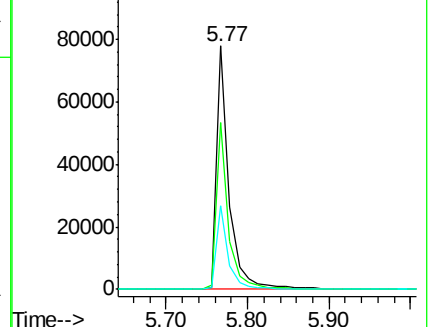
63 34.6 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.10 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

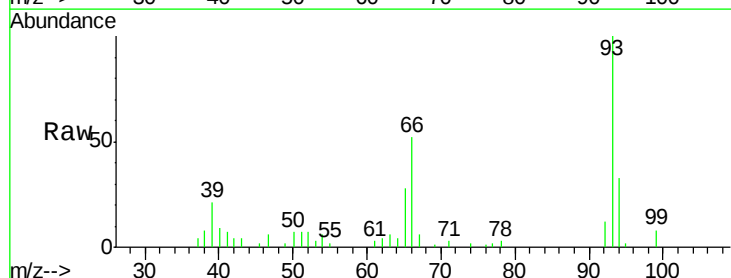
Tgt Ion: 93 Resp: 26060

Ion Ratio Lower Upper

93 100

66 52.5 54.8 82.2#

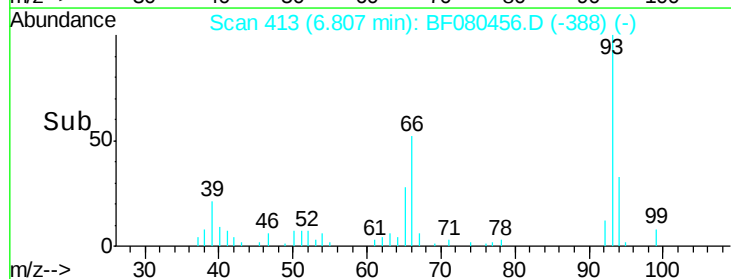
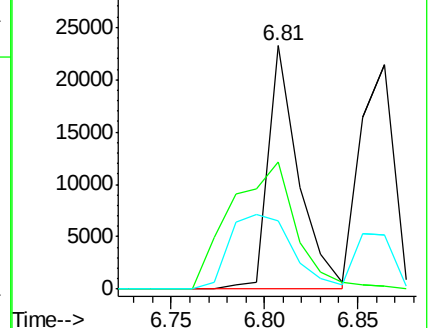
65 28.0 31.4 47.2#

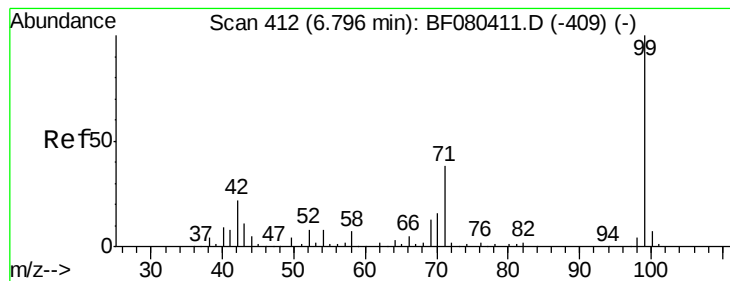


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.10 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

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ClientSampleId :

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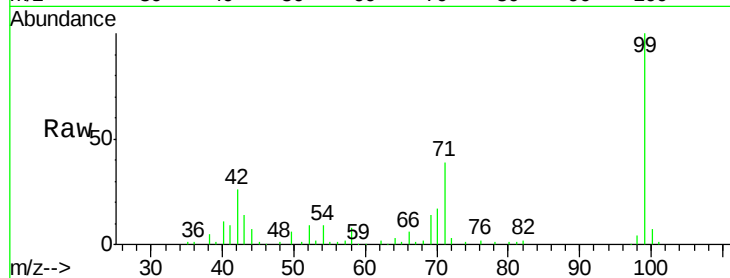
Tgt Ion: 99 Resp: 103153

Ion Ratio Lower Upper

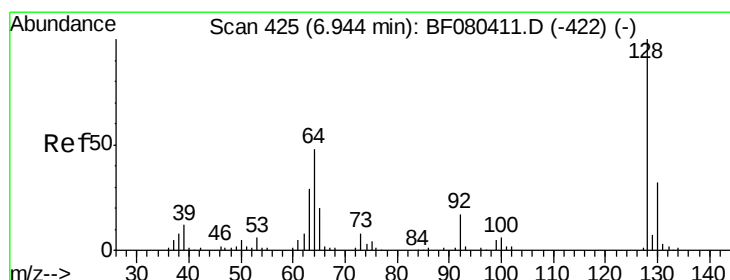
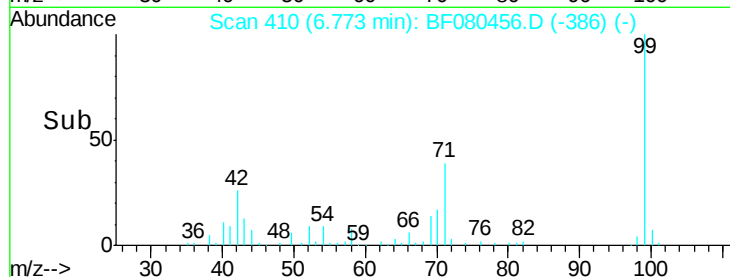
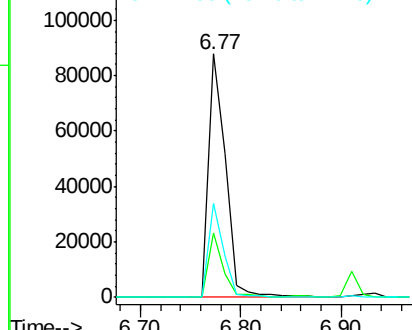
99 100

42 26.4 17.9 26.9

71 38.7 30.1 45.1



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: 32.67 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

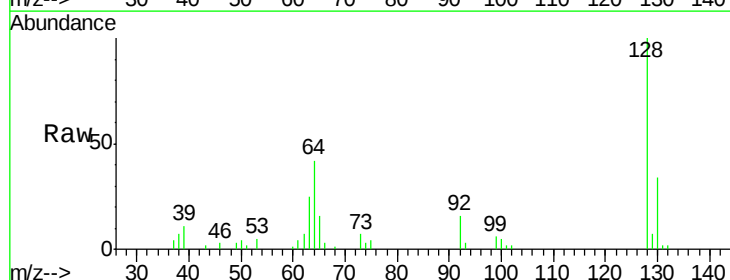
Tgt Ion: 128 Resp: 27931

Ion Ratio Lower Upper

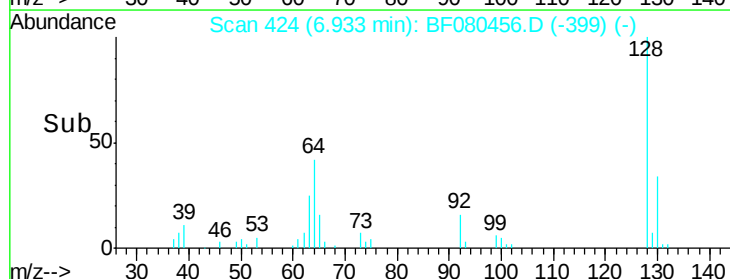
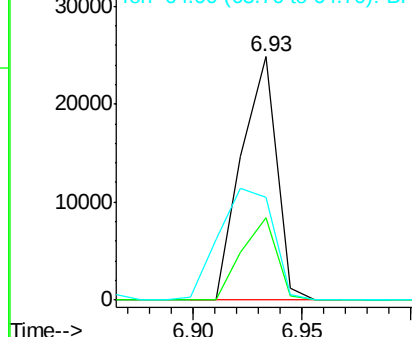
128 100

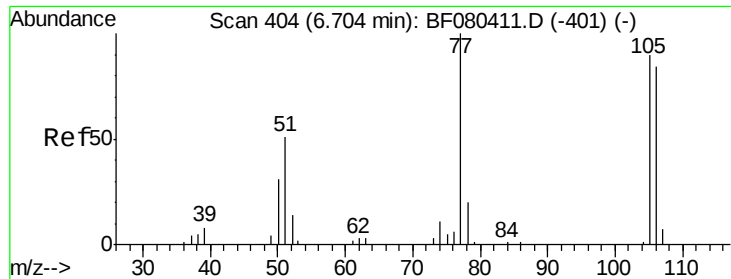
130 34.0 11.7 51.7

64 42.4 28.0 68.0



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

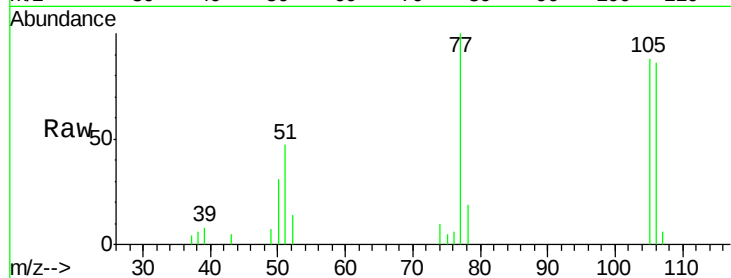




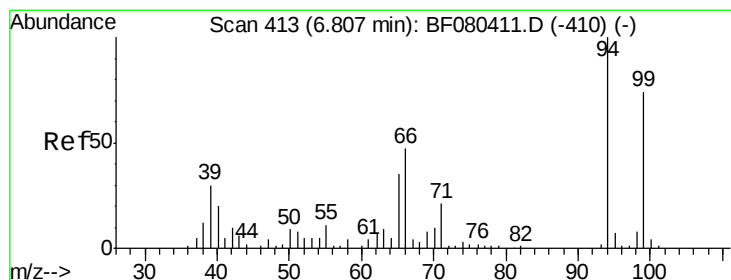
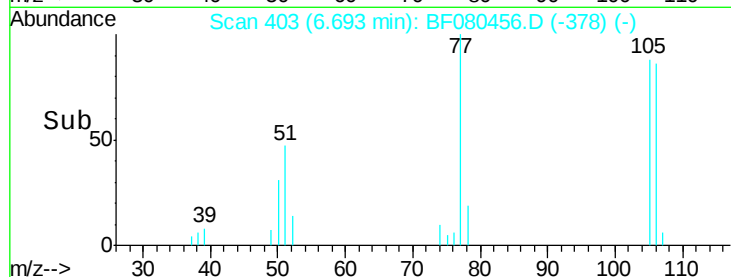
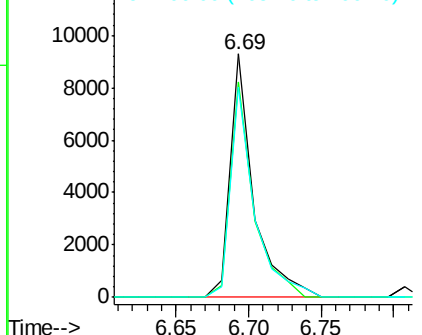
#9
Benzaldehyde
Concen: 19.89 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion: 77 Resp: 10401
Ion Ratio Lower Upper
77 100
105 88.5 69.6 109.6
106 86.4 63.6 103.6

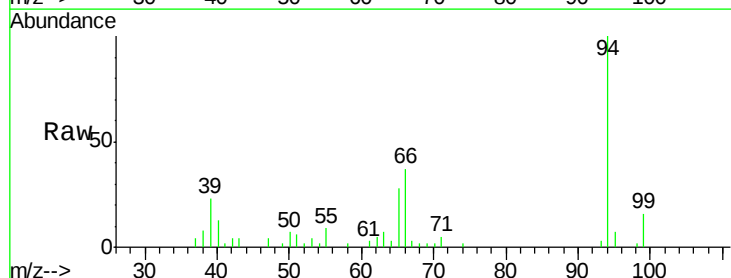


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

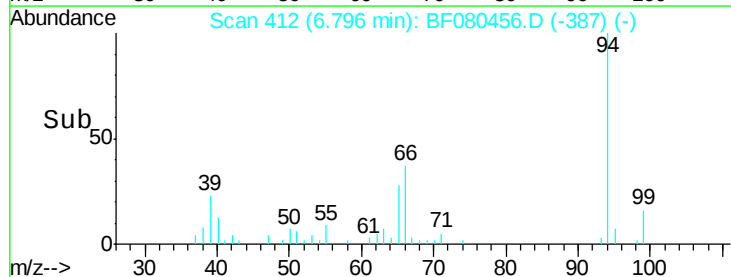
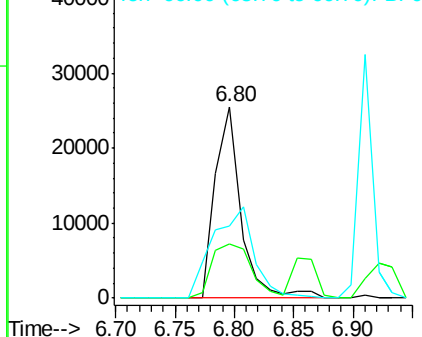


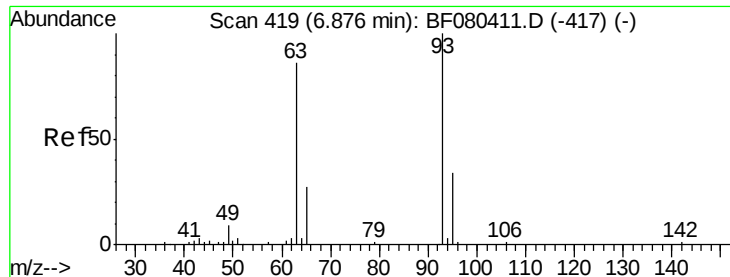
#10
Phenol
Concen: 36.70 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 94 Resp: 38347
Ion Ratio Lower Upper
94 100
65 28.1 15.0 55.0
66 37.4 27.1 67.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

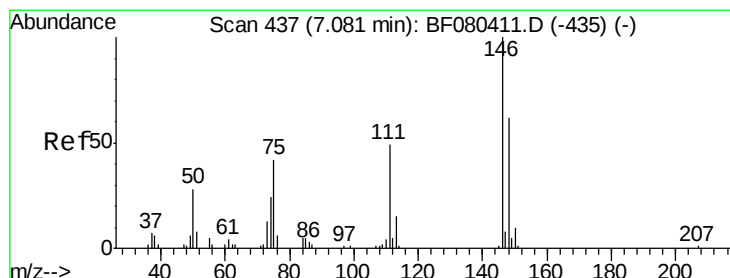
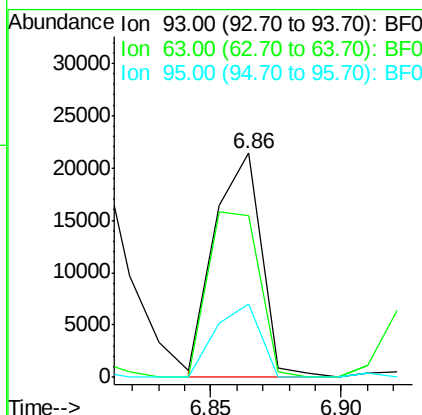
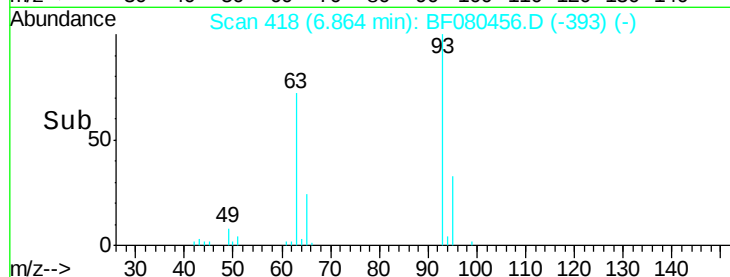
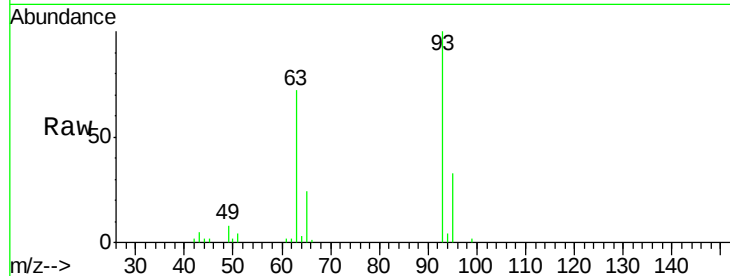




#11
bis(2-Chloroethyl)ether
Concen: 31.12 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

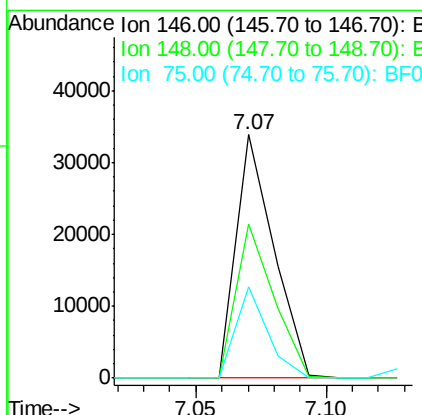
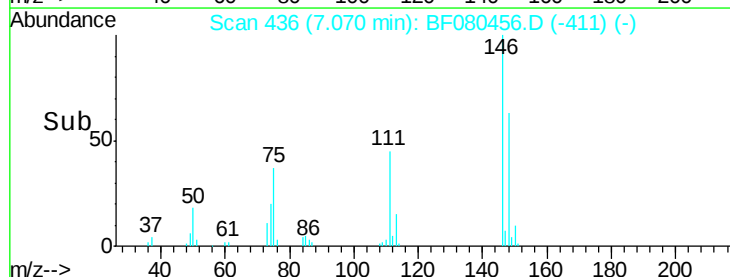
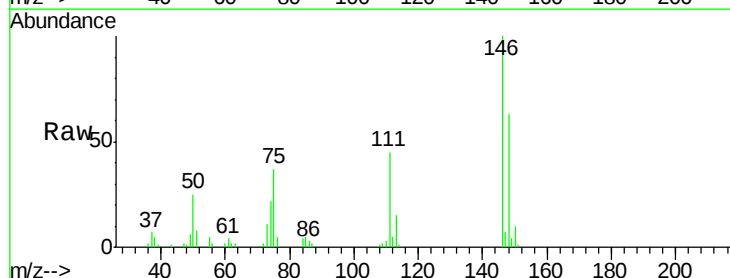
Instrument :
BNA_F
ClientSampleId :
PB84467BS

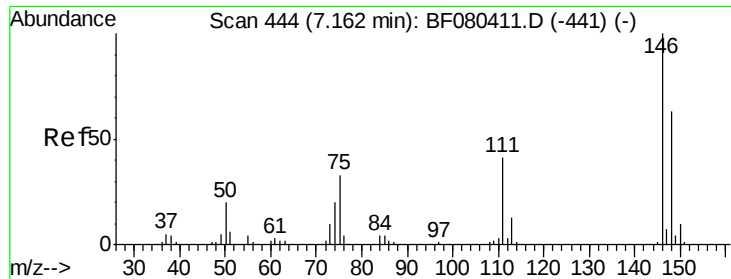
Tgt Ion: 93 Resp: 26772
Ion Ratio Lower Upper
93 100
63 72.1 62.9 102.9
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 35.42 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 146 Resp: 34243
Ion Ratio Lower Upper
146 100
148 63.1 49.5 74.3
75 37.5 33.4 50.2

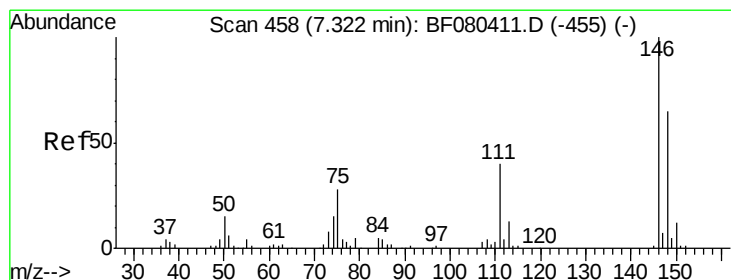
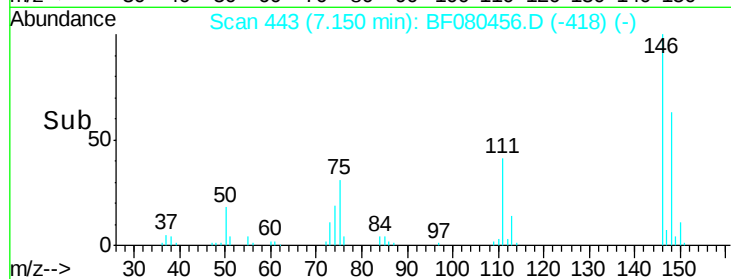
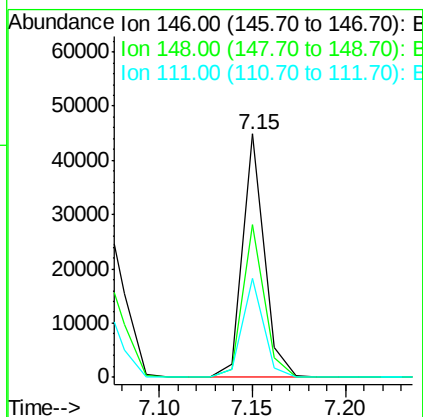
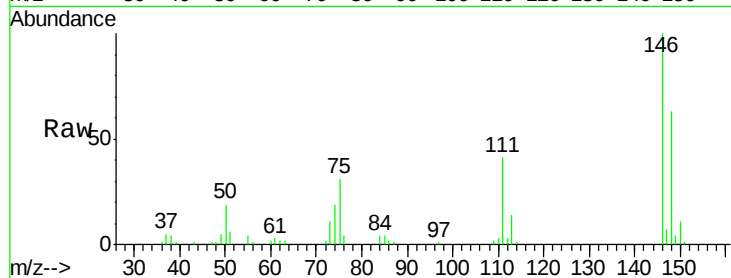




#13
 1,4-Dichlorobenzene
 Concen: 33.46 ng
 RT: 7.15 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

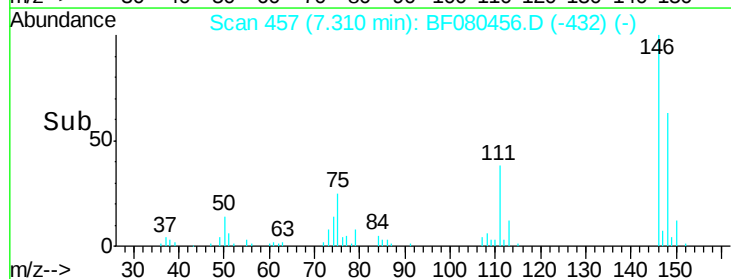
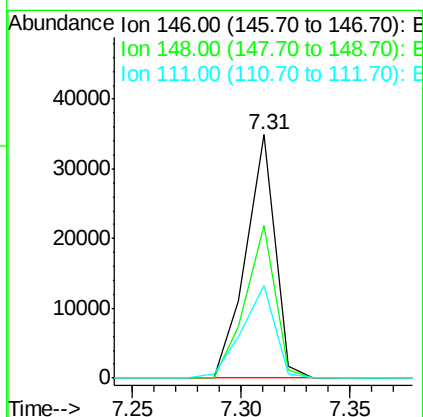
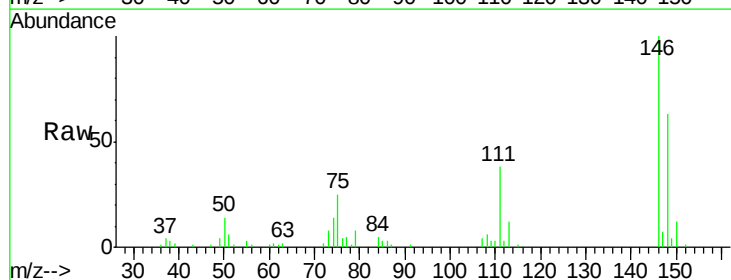
Instrument :
 BNA_F
 ClientSampleID :
 PB84467BS

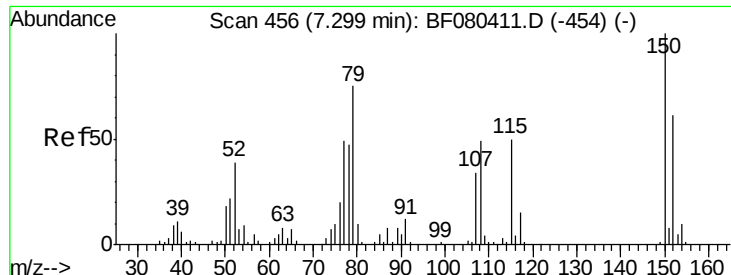
Tgt Ion:146 Resp: 36479
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.3 75.5
 111 40.6 33.1 49.7



#14
 1,2-Dichlorobenzene
 Concen: 31.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:146 Resp: 32763
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.2 78.4
 111 38.2 32.2 48.2

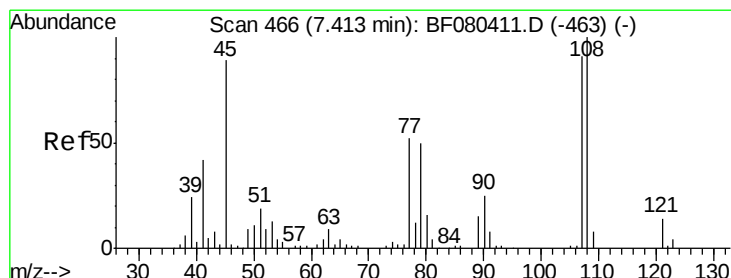
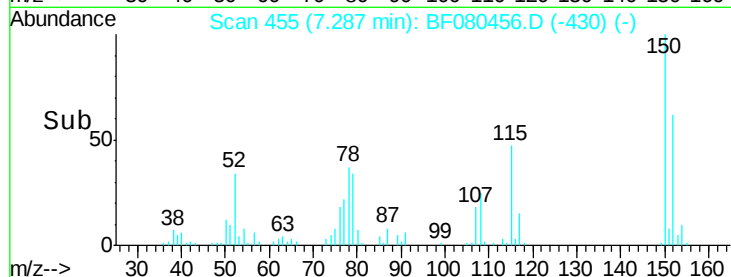
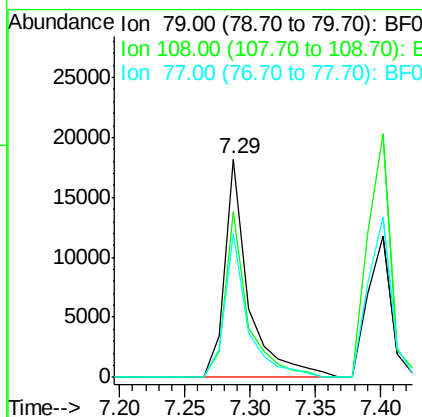
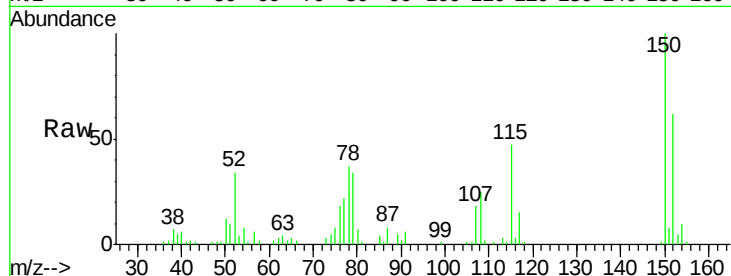




#15
Benzyl Alcohol
Concen: 29.83 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

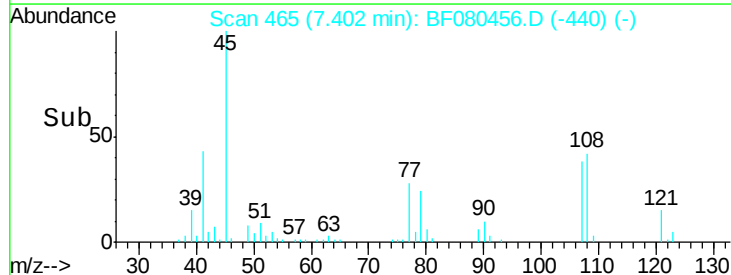
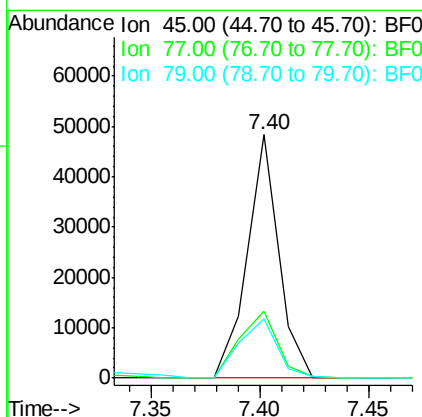
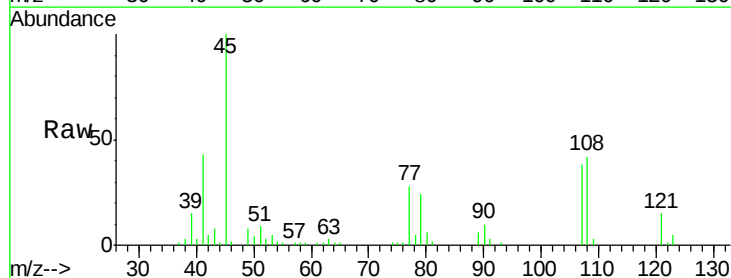
Instrument :
BNA_F
ClientSampleId :
PB84467BS

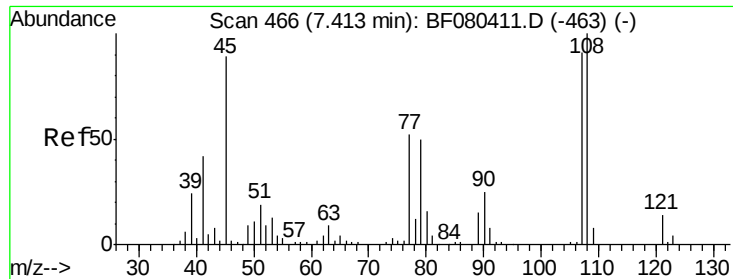
Tgt Ion: 79 Resp: 23213
Ion Ratio Lower Upper
79 100
108 75.6 51.6 77.4
77 66.0 52.2 78.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.16 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 45 Resp: 48580
Ion Ratio Lower Upper
45 100
77 27.8 39.1 79.1#
79 24.4 37.2 77.2#

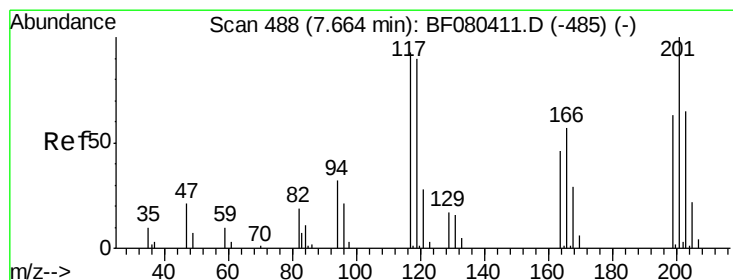
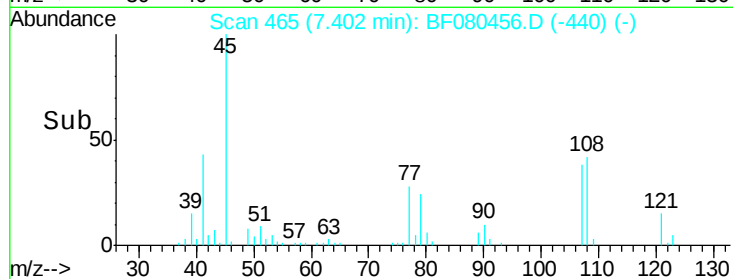
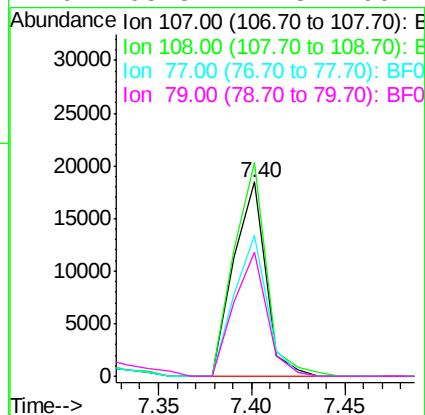
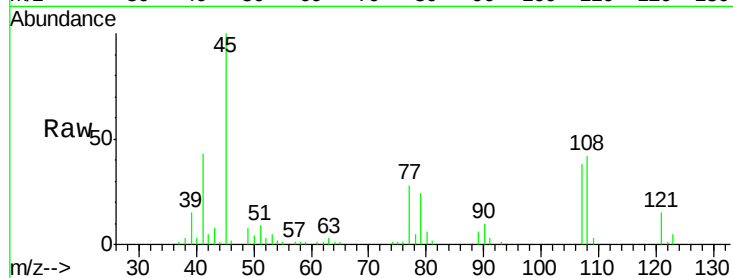




#17
2-Methylphenol
Concen: 29.80 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

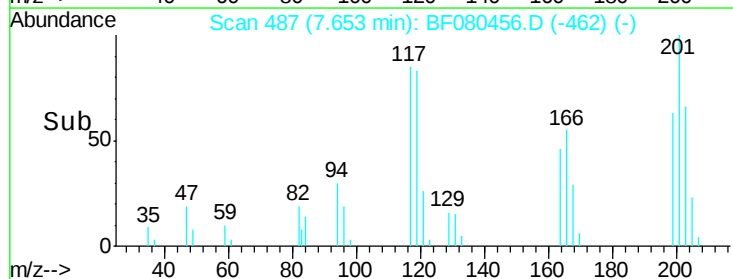
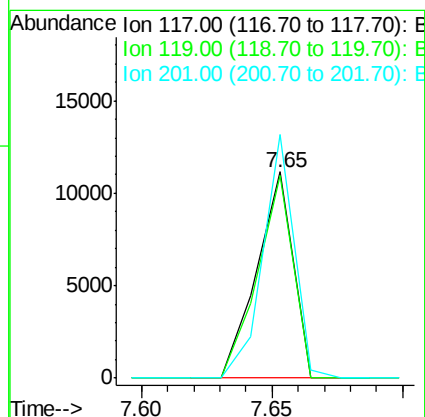
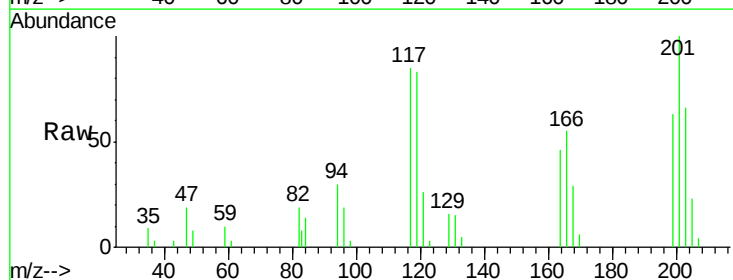
Instrument :
BNA_F
ClientSampleId :
PB84467BS

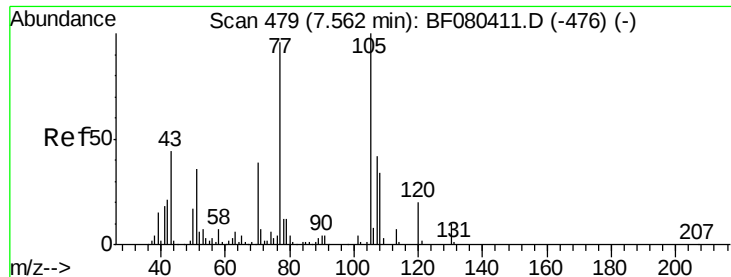
Tgt Ion:107 Resp: 22147
Ion Ratio Lower Upper
107 100
108 109.9 88.0 132.0
77 72.7 45.9 68.9#
79 63.8 44.5 66.7



#18
Hexachloroethane
Concen: 31.84 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:117 Resp: 10712
Ion Ratio Lower Upper
117 100
119 98.3 78.1 117.1
201 118.1 86.5 129.7

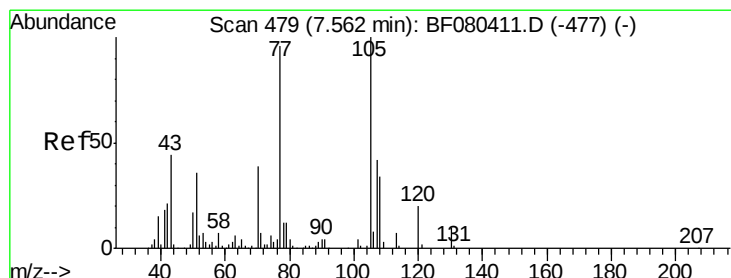
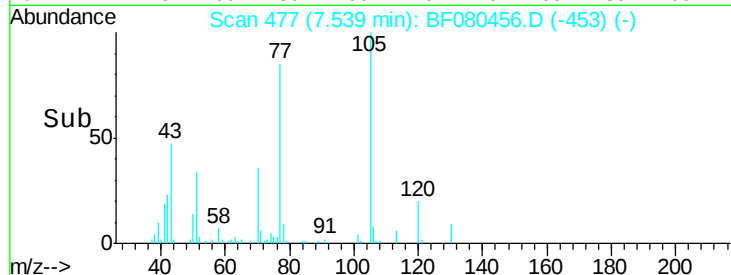
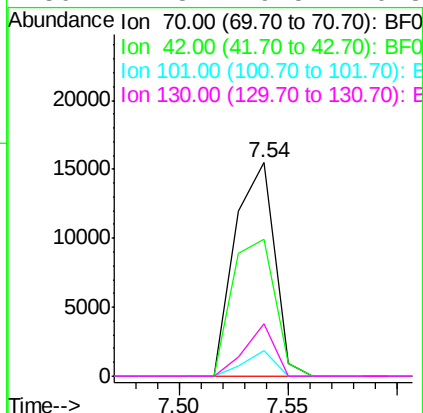
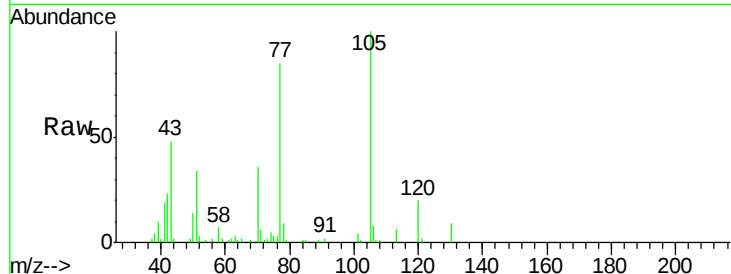




#19
n-Nitroso-di-n-propylamine
Concen: 30.07 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

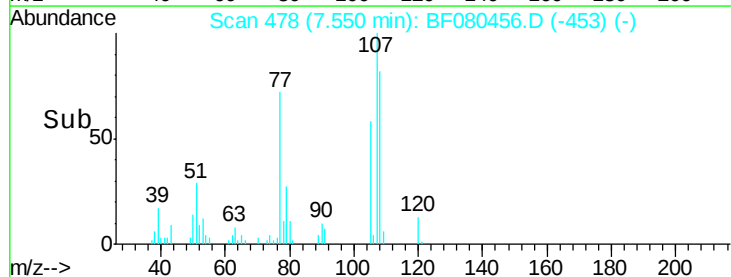
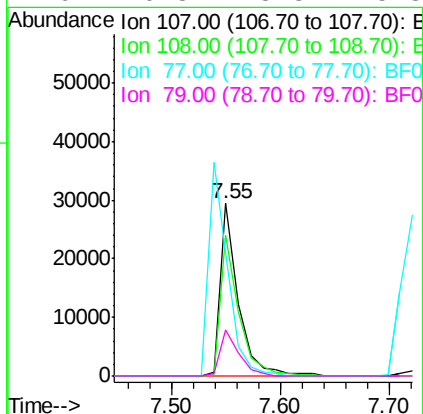
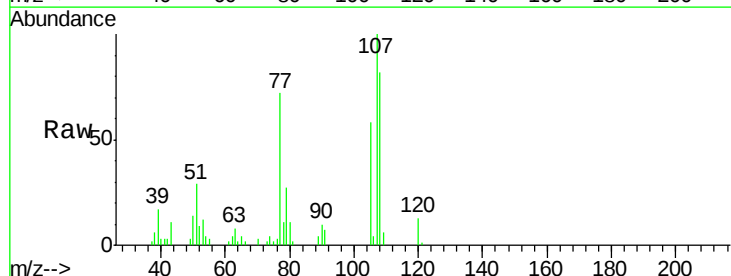
Instrument :
BNA_F
ClientSampleId :
PB84467BS

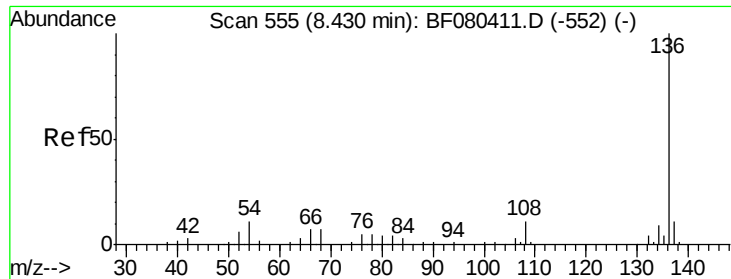
Tgt Ion:	70	Resp:	19457
Ion	Ratio	Lower	Upper
70	100		
42	64.1	43.4	65.0
101	11.9	9.0	13.6
130	24.8	19.5	29.3



#20
3+4-Methylphenols
Concen: 36.35 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:	107	Resp:	33941
Ion	Ratio	Lower	Upper
107	100		
108	81.9	60.8	100.8
77	71.5	207.5	247.5#
79	26.8	8.3	48.3

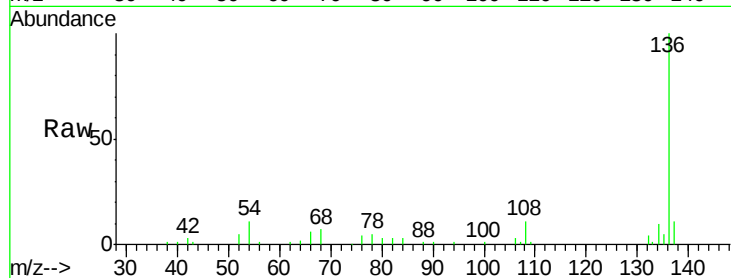




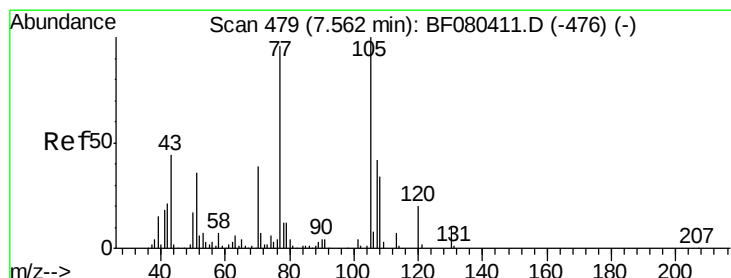
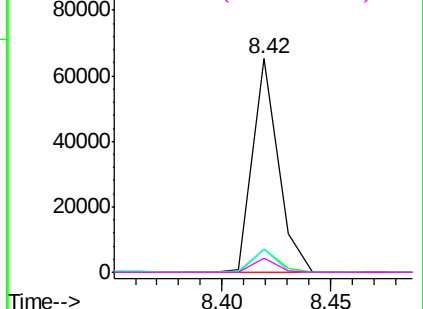
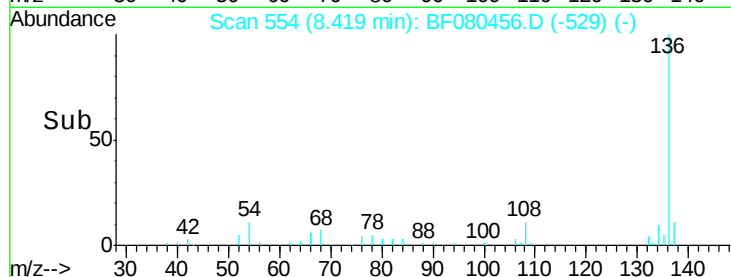
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion:	136	Resp:	53330
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	10.6	9.1	13.7
68	6.7	5.9	8.9

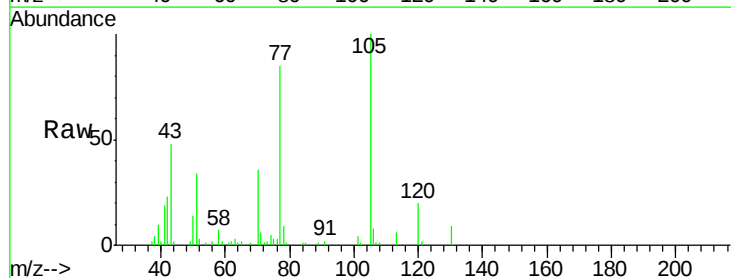


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

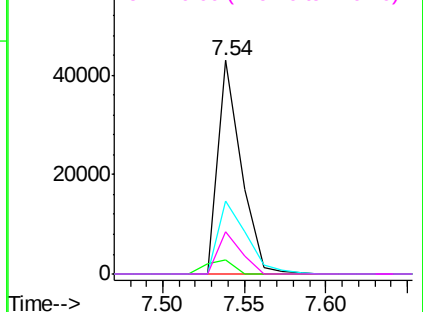
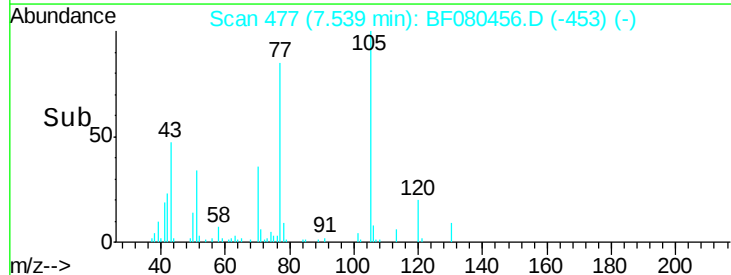


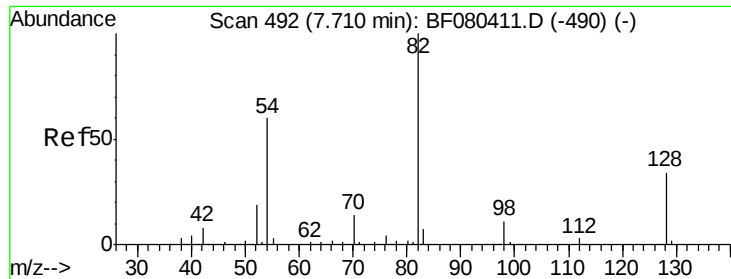
#22
Acetophenone
Concen: 33.27 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:	105	Resp:	42518
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.2	7.8
51	34.3	28.7	43.1
120	19.9	16.4	24.6



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

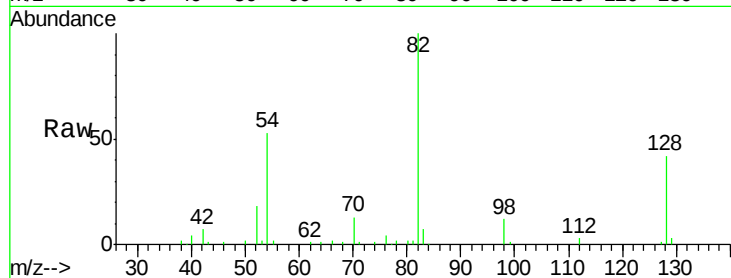




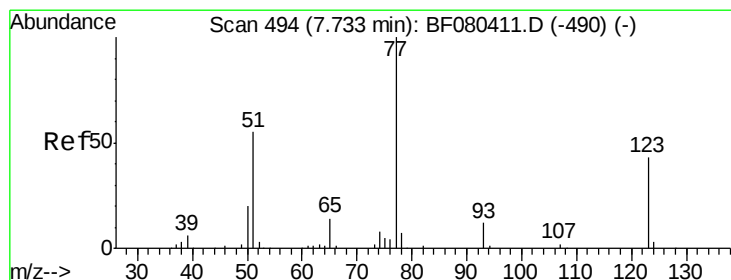
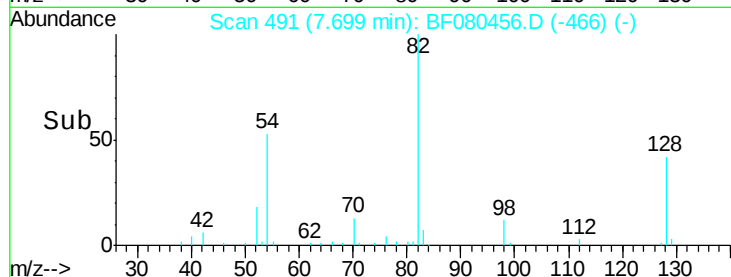
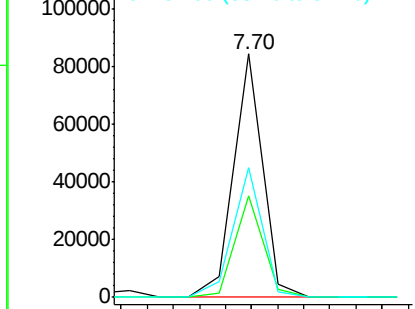
#23
 Nitrobenzene-d5
 Concen: 70.50 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	26.9	40.3#
54	53.4	47.7	71.5

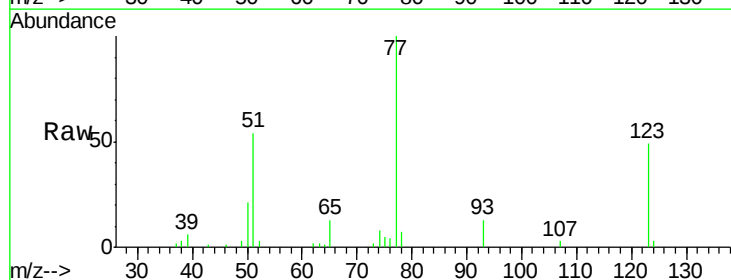


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

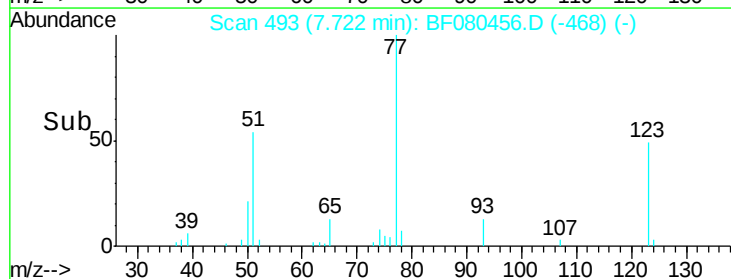
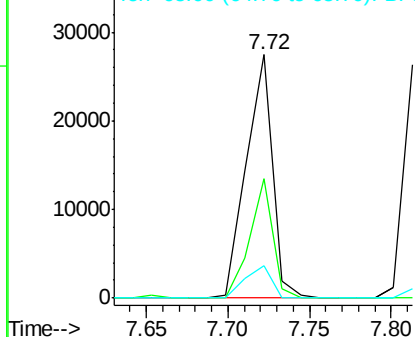


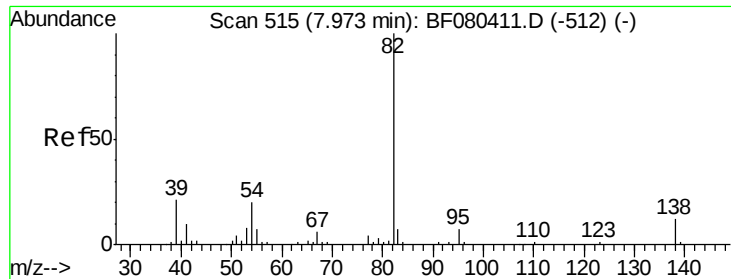
#24
 Nitrobenzene
 Concen: 29.44 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	34.0	51.0
65	13.5	11.2	16.8



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: 36.14 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

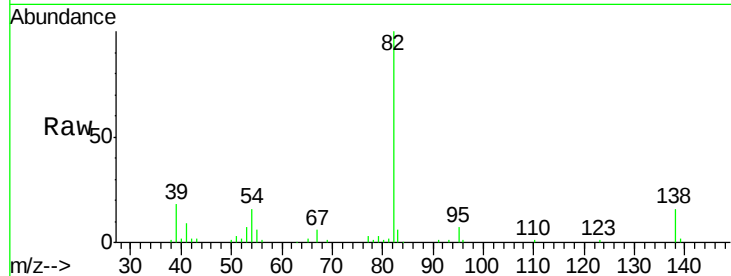
Tgt Ion: 82 Resp: 60565

Ion Ratio Lower Upper

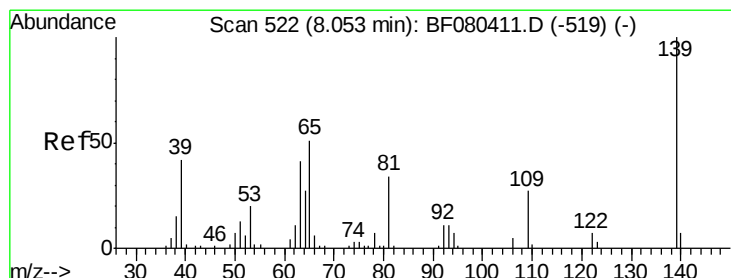
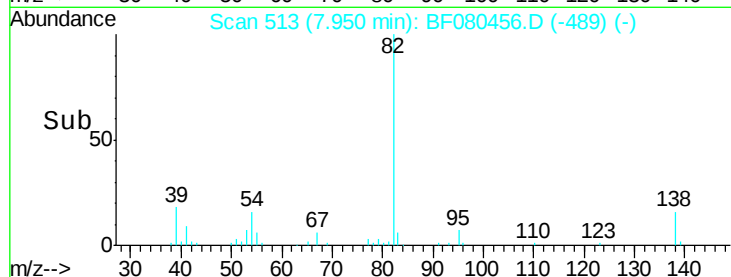
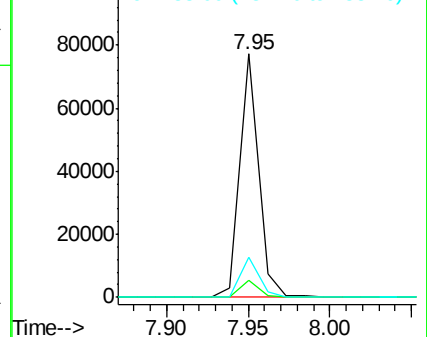
82 100

95 6.9 5.4 8.2

138 16.4 9.5 14.3#



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: 27.27 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

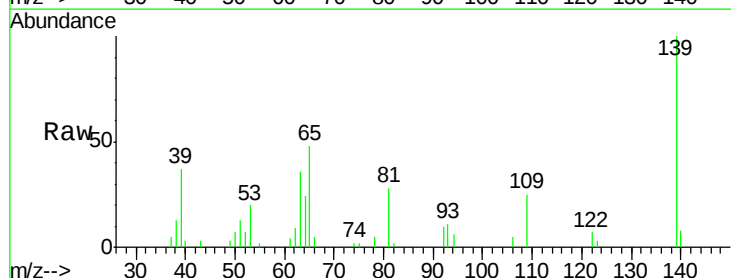
Tgt Ion: 139 Resp: 13544

Ion Ratio Lower Upper

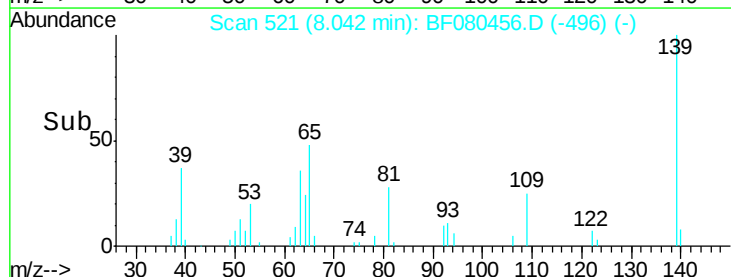
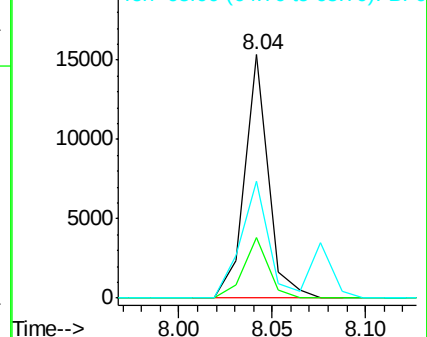
139 100

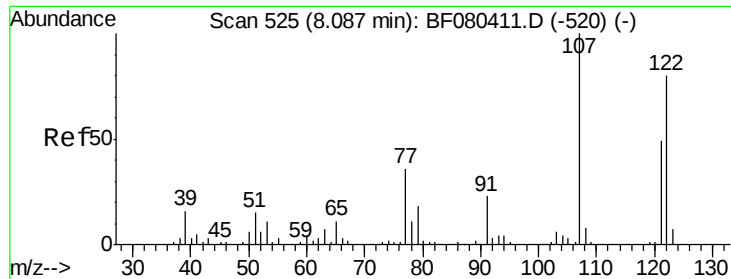
109 25.1 21.7 32.5

65 48.2 40.5 60.7



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

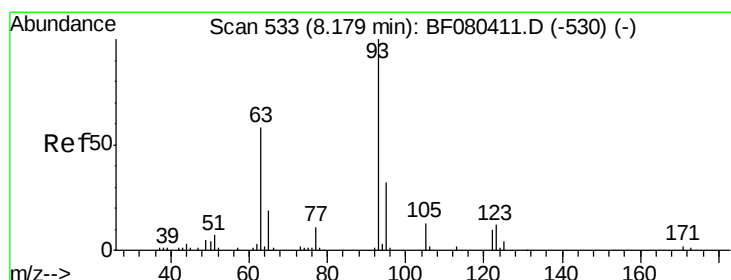
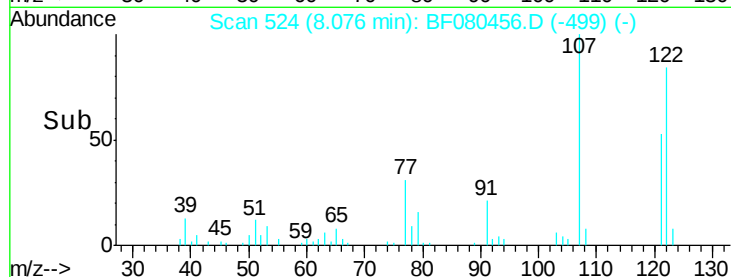
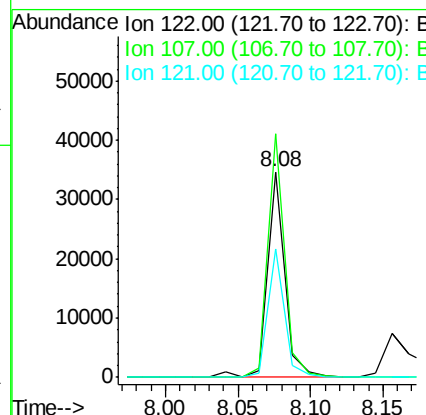
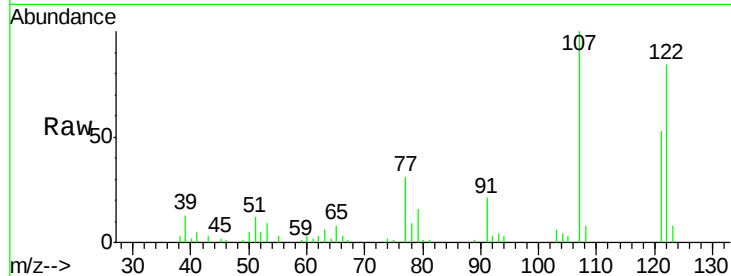




#27
 2,4-Dimethylphenol
 Concen: 36.69 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

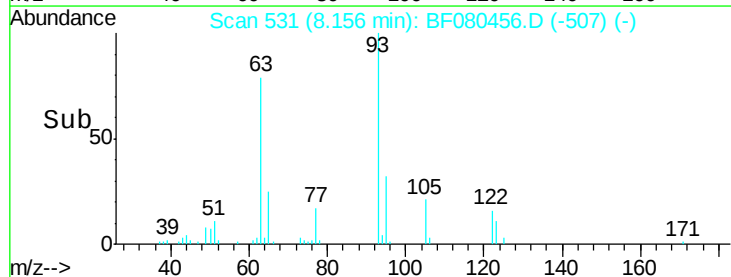
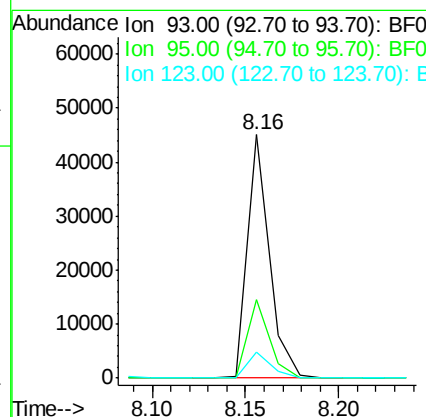
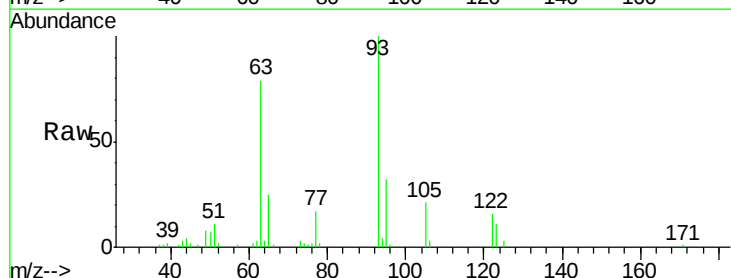
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

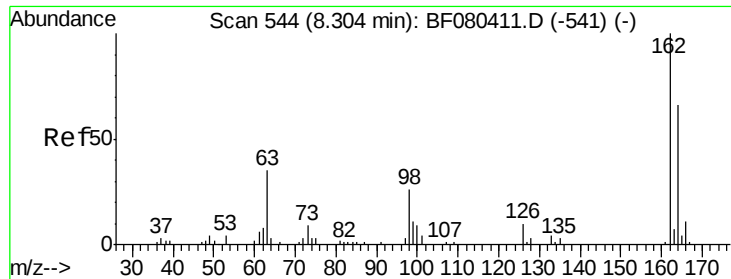
Tgt Ion:122 Resp: 28681
 Ion Ratio Lower Upper
 122 100
 107 118.6 99.5 149.3
 121 62.3 48.4 72.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.42 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion: 93 Resp: 36933
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 10.8 9.7 14.5

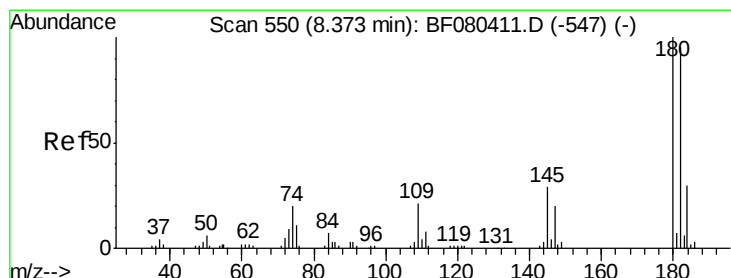
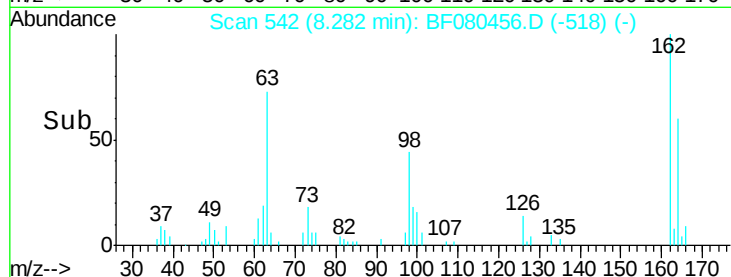
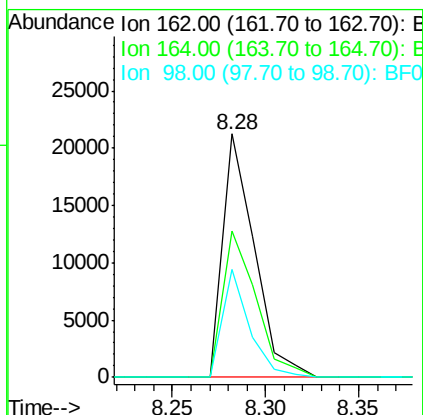
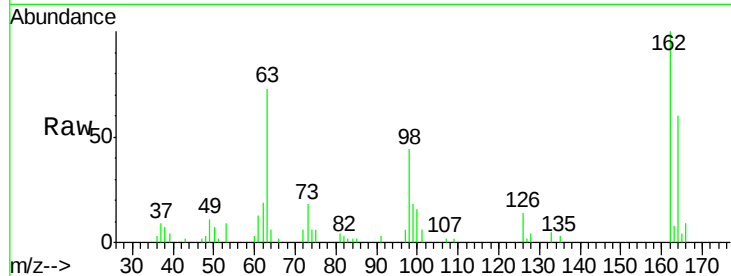




#29
 2,4-Dichlorophenol
 Concen: 35.02 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

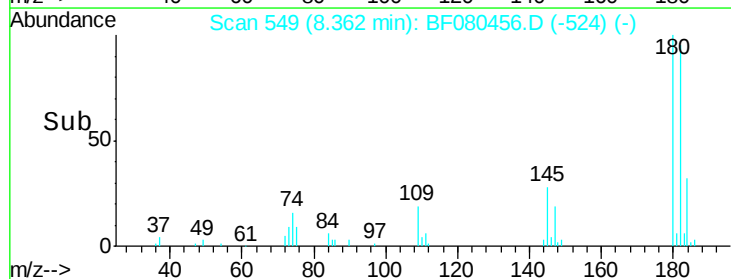
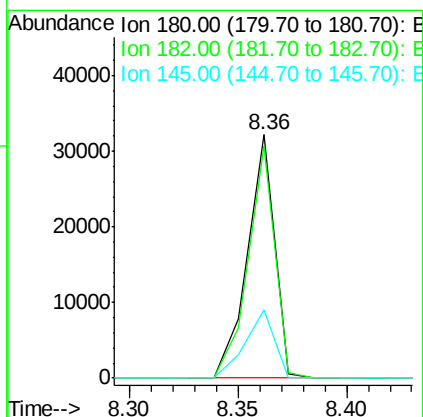
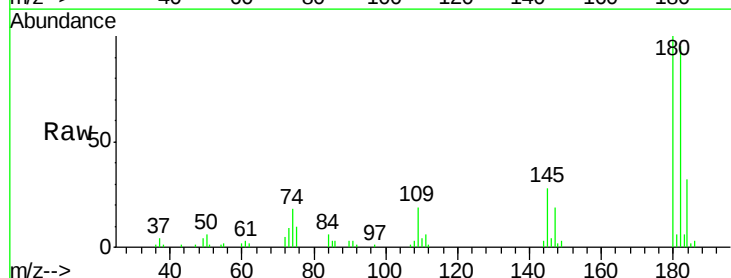
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

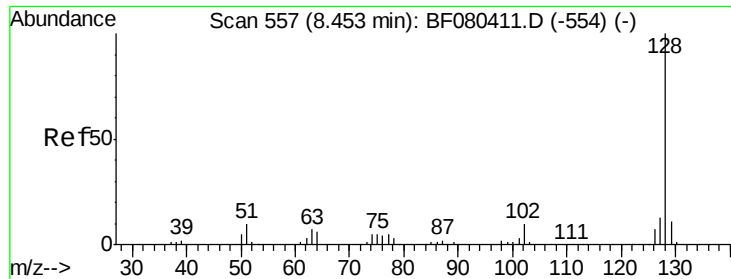
Tgt Ion:162 Resp: 25269
 Ion Ratio Lower Upper
 162 100
 164 60.3 45.5 85.5
 98 44.3 6.3 46.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.20 ng
 RT: 8.36 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:180 Resp: 27872
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 145 28.1 23.3 34.9

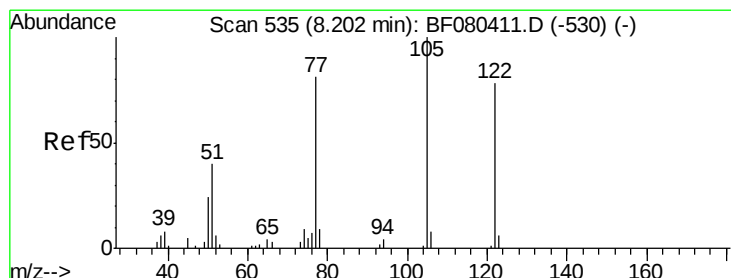
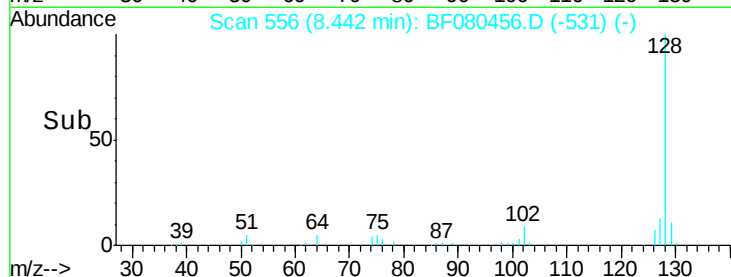
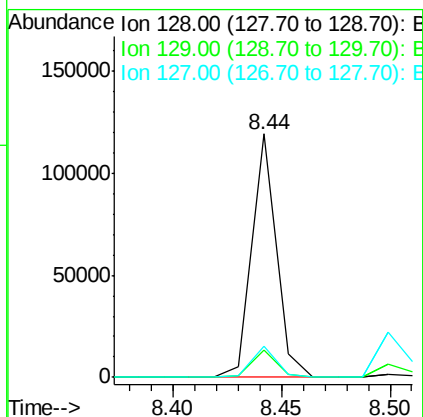
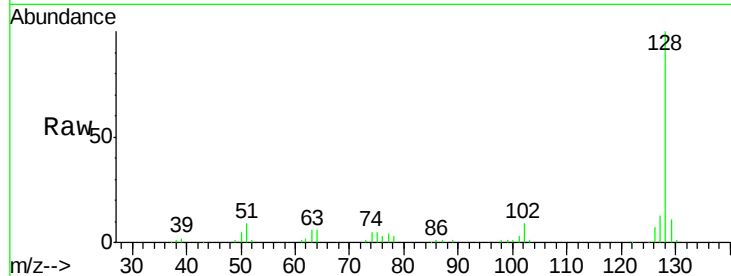




#31
Naphthalene
Concen: 32.18 ng
RT: 8.44 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

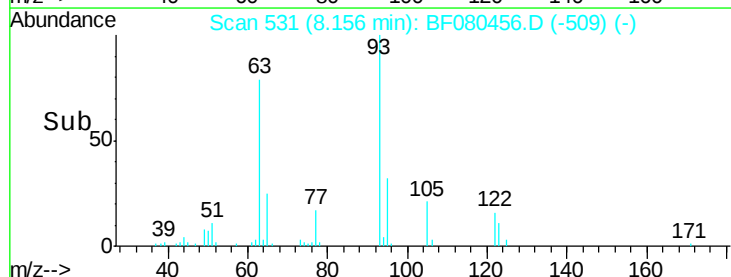
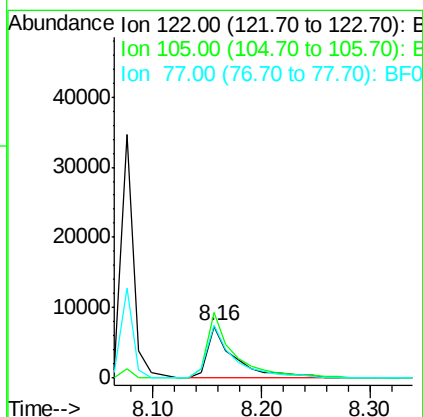
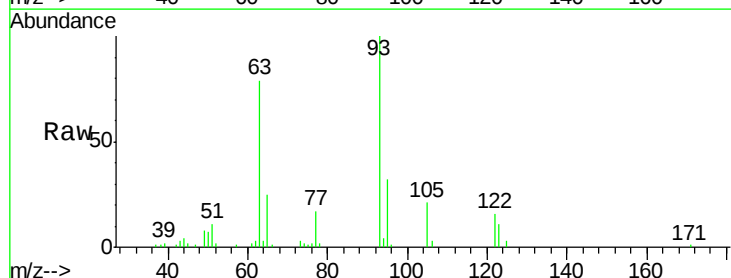
Instrument :
BNA_F
ClientSampleId :
PB84467BS

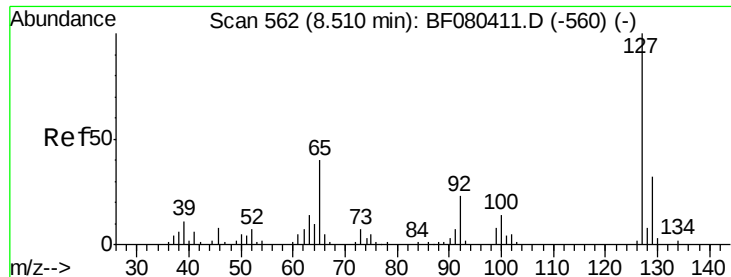
Tgt Ion:128 Resp: 93859
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.0 10.7 16.1



#32
Benzoic acid
Concen: 23.78 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:122 Resp: 13066
Ion Ratio Lower Upper
122 100
105 128.2 108.8 148.8
77 102.7 84.2 124.2

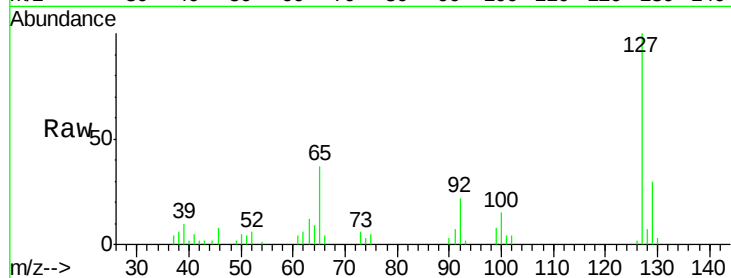




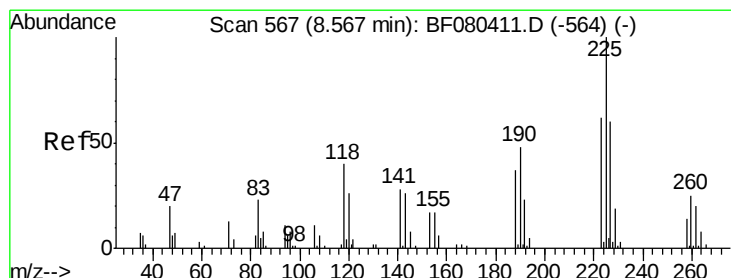
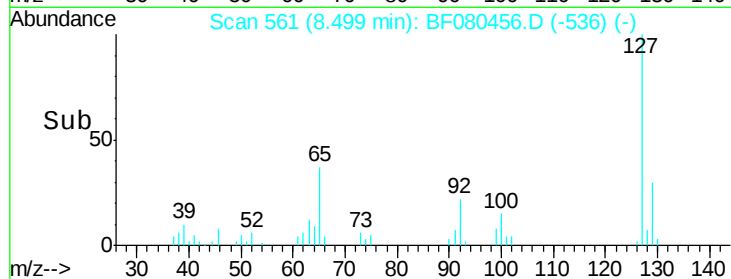
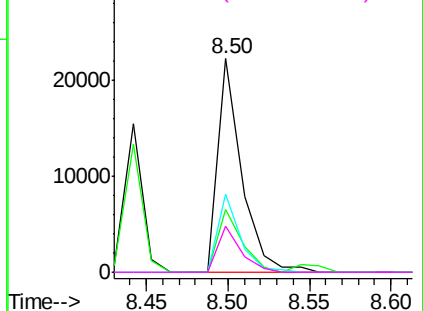
#33
4-Chloroaniline
Concen: 22.94 ng
RT: 8.50 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion:127 Resp: 22679
Ion Ratio Lower Upper
127 100
129 29.5 25.5 38.3
65 36.8 31.8 47.8
92 21.6 18.4 27.6

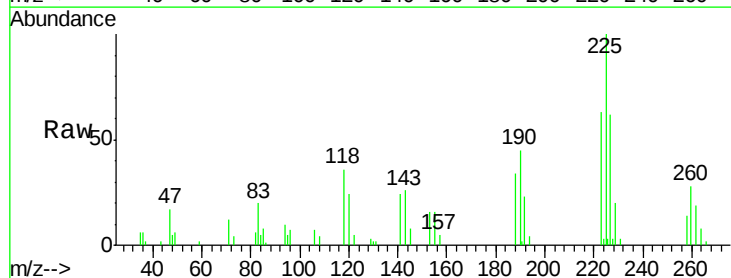


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

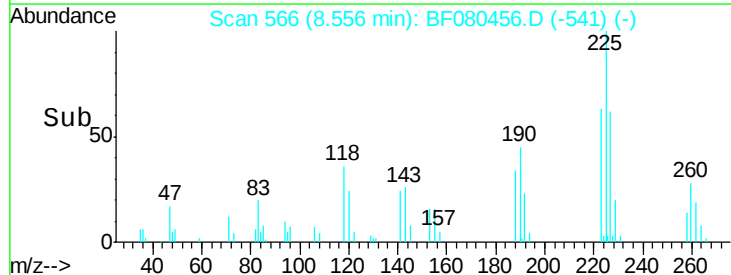
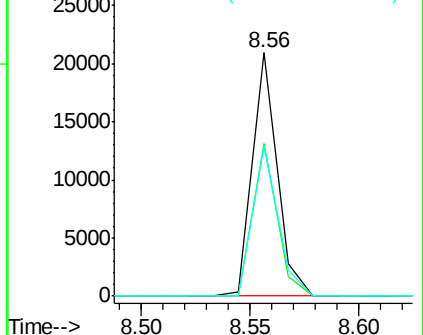


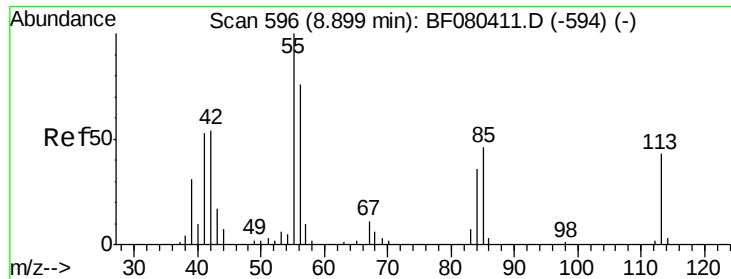
#34
Hexachlorobutadiene
Concen: 29.81 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:225 Resp: 16519
Ion Ratio Lower Upper
225 100
223 62.8 49.5 74.3
227 61.8 48.0 72.0



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

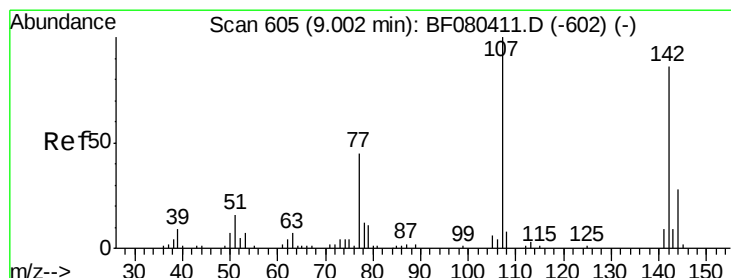
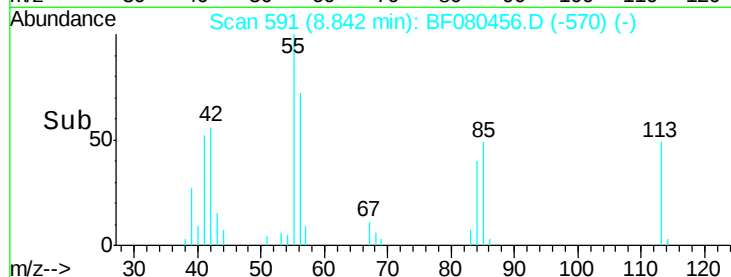
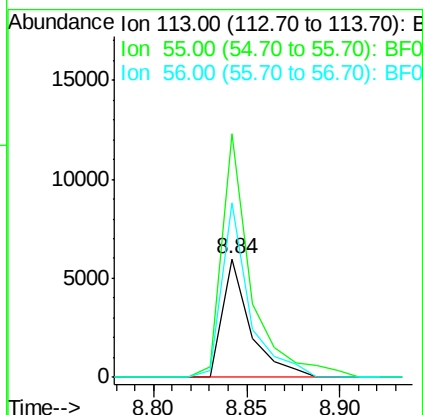
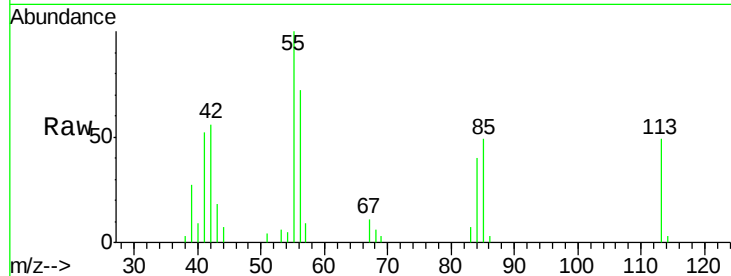




#35
 Caprolactam
 Concen: 30.20 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.06 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

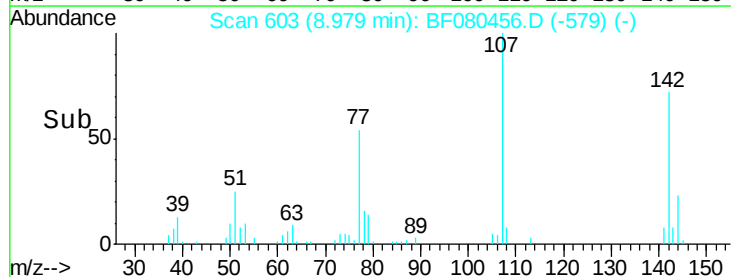
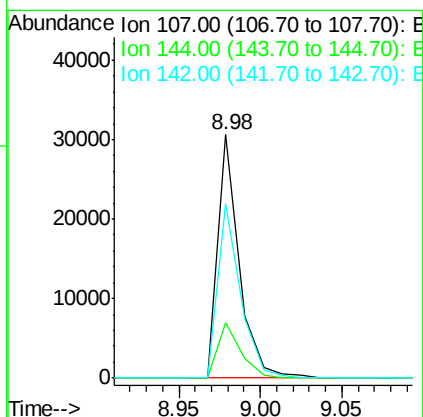
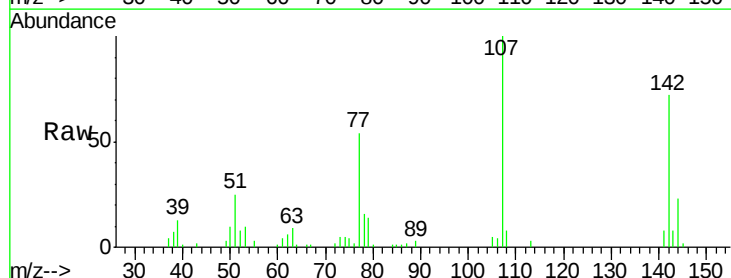
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

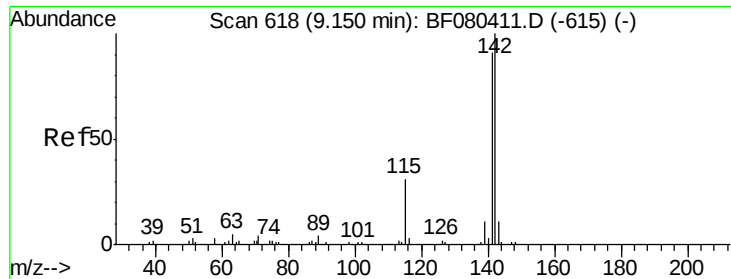
Tgt Ion:113 Resp: 6233
 Ion Ratio Lower Upper
 113 100
 55 205.1 214.2 254.2#
 56 147.6 156.9 196.9#



#36
 4-Chloro-3-methylphenol
 Concen: 36.34 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:107 Resp: 27769
 Ion Ratio Lower Upper
 107 100
 144 22.8 22.6 34.0
 142 71.6 68.7 103.1

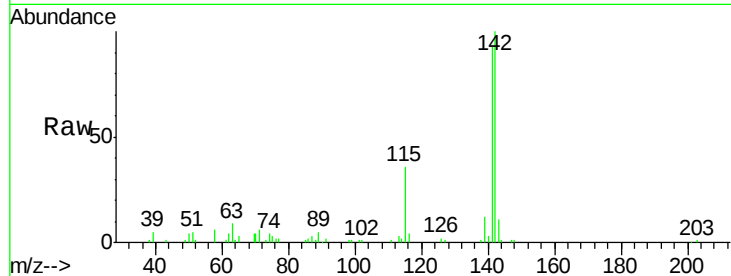




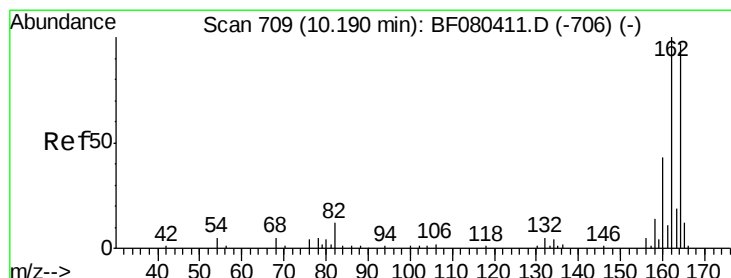
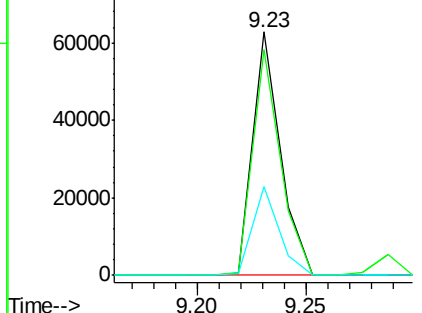
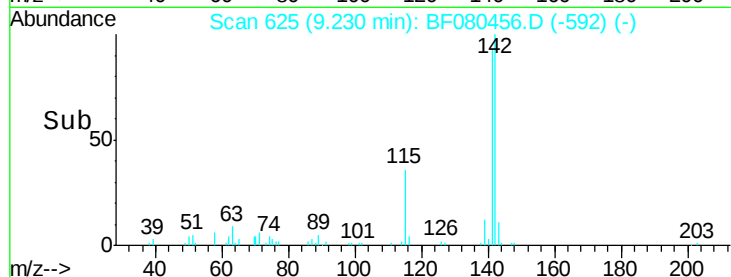
#37
 2-Methylnaphthalene
 Concen: 28.83 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.08 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion:142 Resp: 55490
 Ion Ratio Lower Upper
 142 100
 141 92.9 73.0 109.4
 115 36.4 25.0 37.4

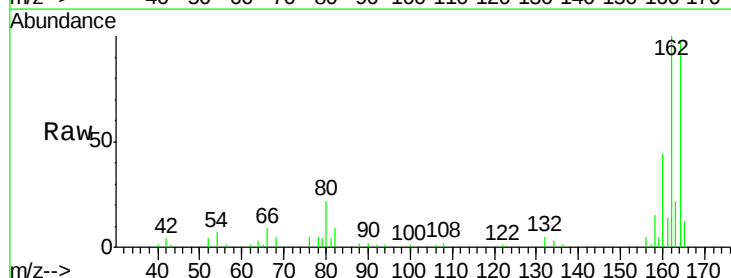


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

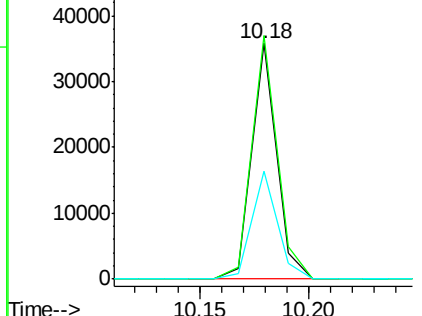
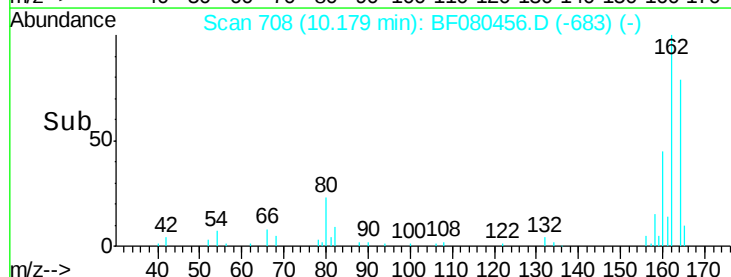


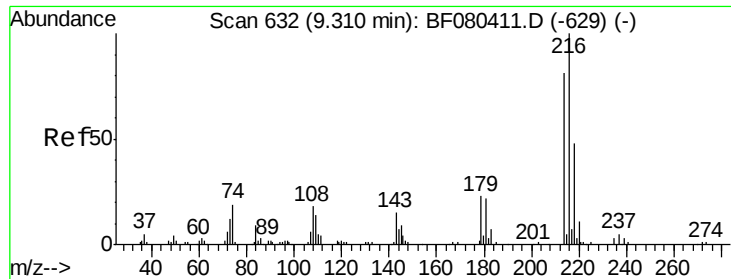
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:164 Resp: 28372
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.7 124.1
 160 45.8 35.5 53.3



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

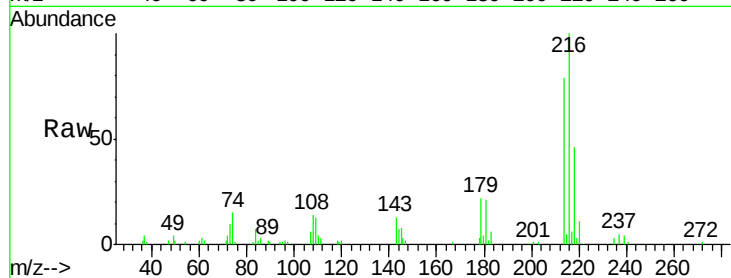




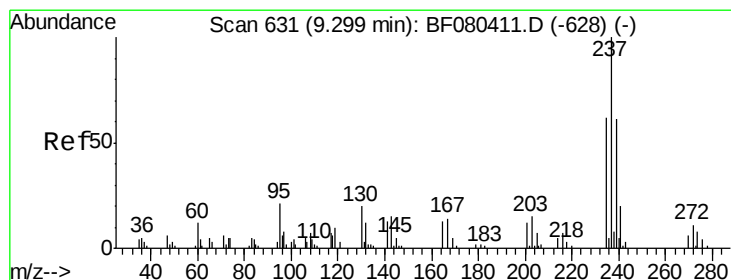
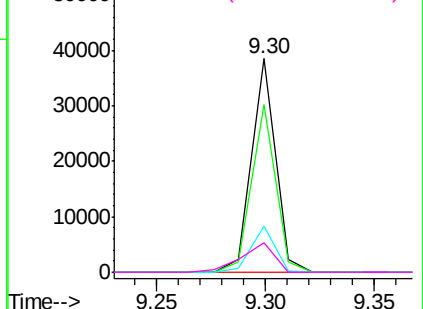
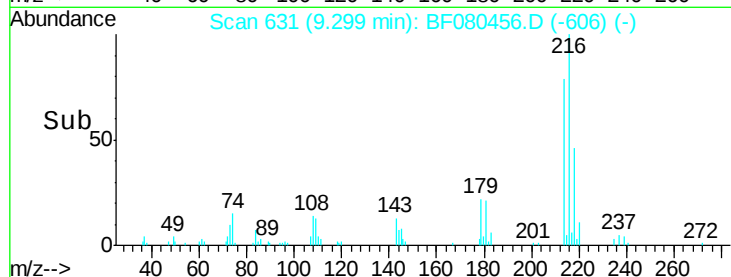
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.18 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion:	216	Resp:	29598
Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.6	97.0
179	21.9	17.9	26.9
108	19.0	15.8	23.6

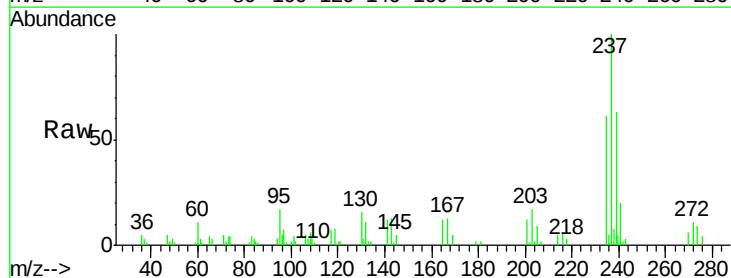


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

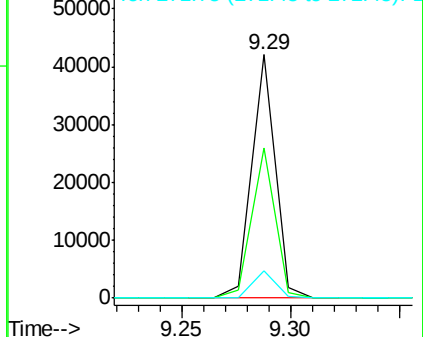
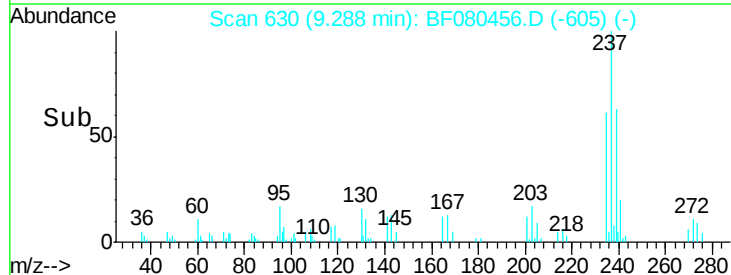


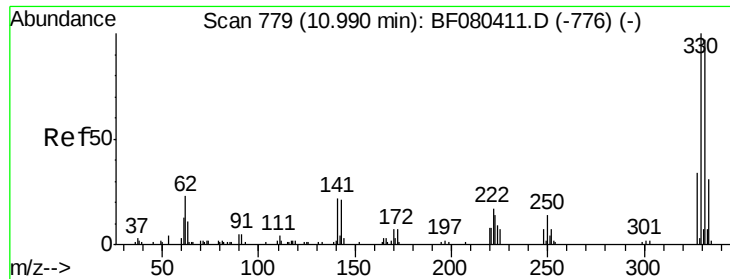
#40
 Hexachlorocyclopentadiene
 Concen: 63.75 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:	237	Resp:	31571
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.4	82.4
272	11.1	0.0	31.4



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

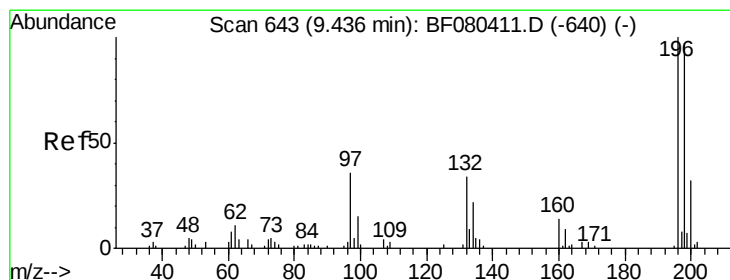
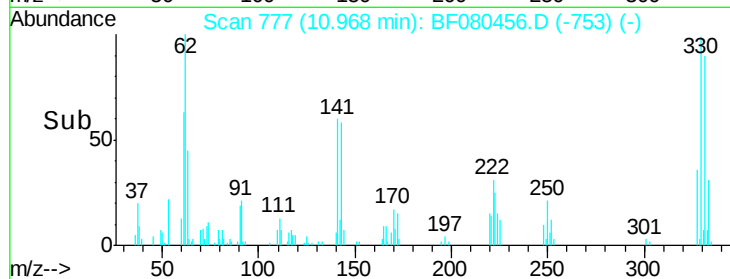
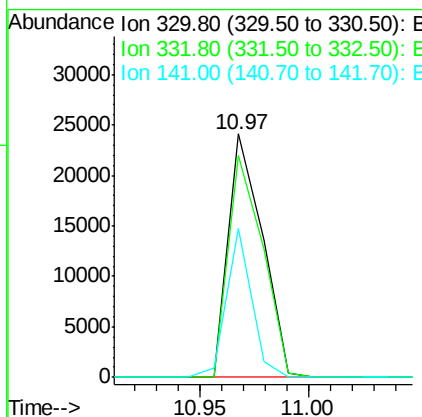
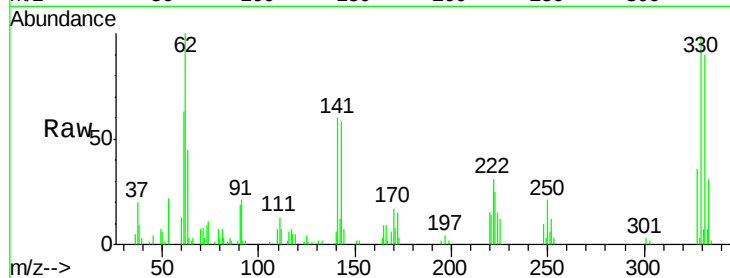




#41
 2,4,6-Tribromophenol
 Concen: 94.53 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

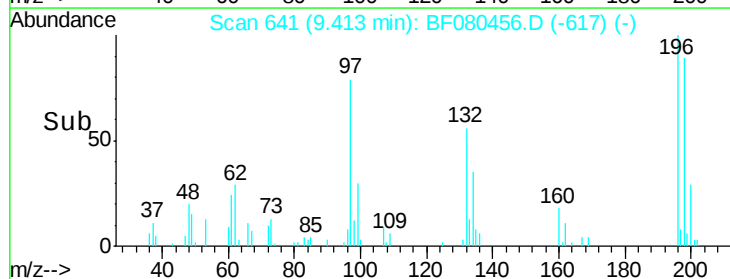
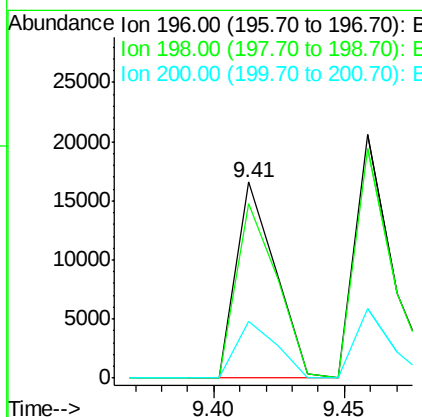
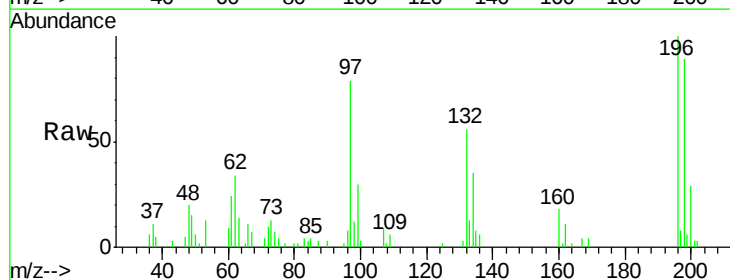
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

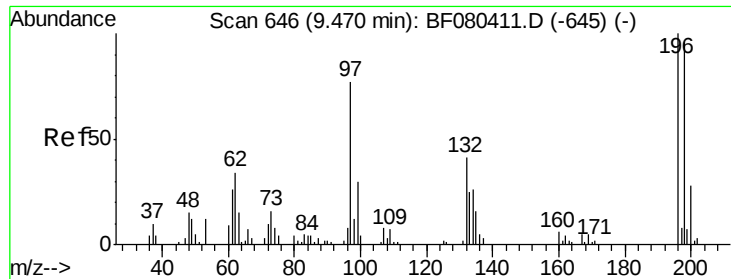
Tgt Ion:330 Resp: 26177
 Ion Ratio Lower Upper
 330 100
 332 91.7 78.0 117.0
 141 45.0 28.6 43.0#



#42
 2,4,6-Trichlorophenol
 Concen: 32.09 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:196 Resp: 17546
 Ion Ratio Lower Upper
 196 100
 198 89.2 77.4 116.2
 200 28.7 25.8 38.6

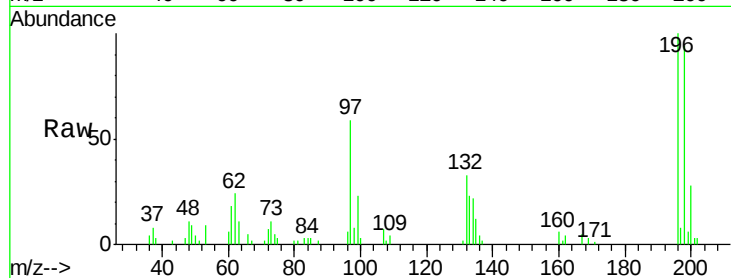




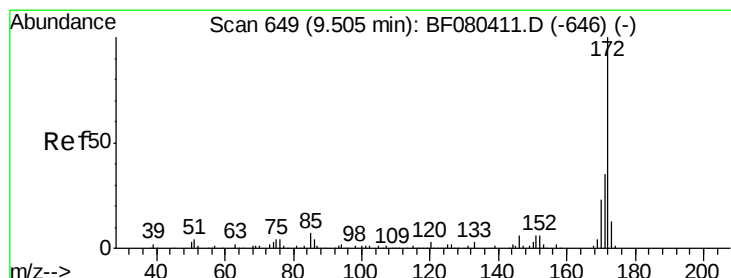
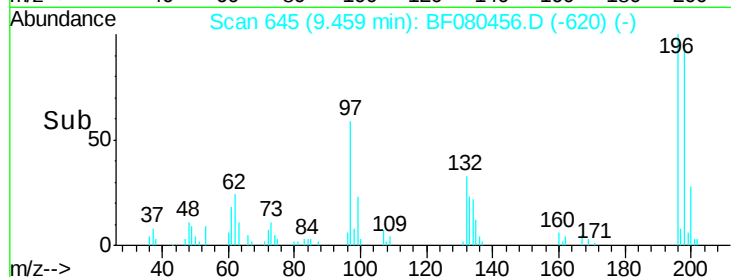
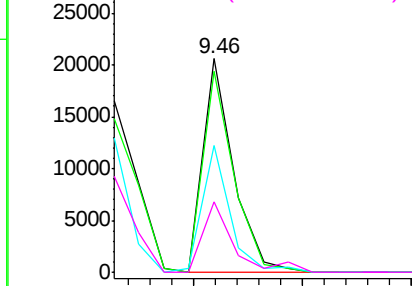
#43
 2,4,5-Trichlorophenol
 Concen: 34.09 ng
 RT: 9.46 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion:196 Resp: 20002
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.1 114.1
 97 59.4 62.2 93.2#
 132 32.7 32.5 48.7

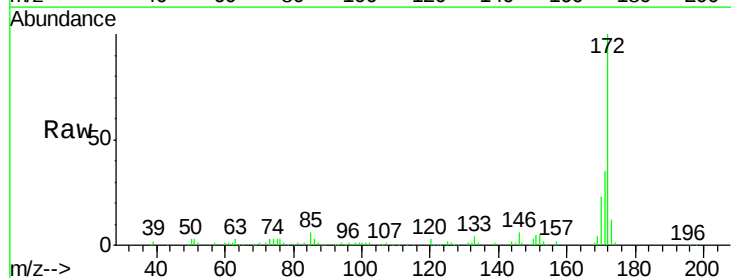


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

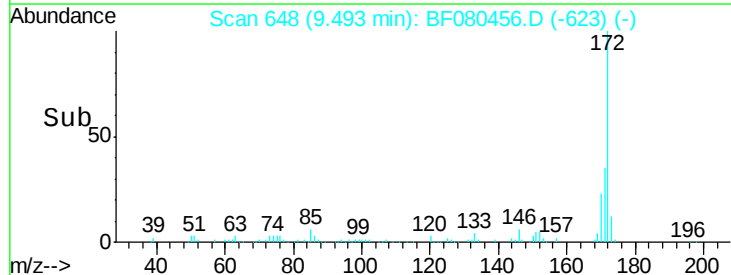
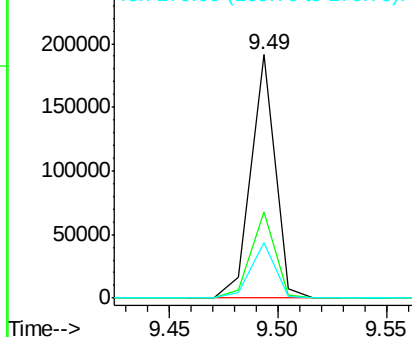


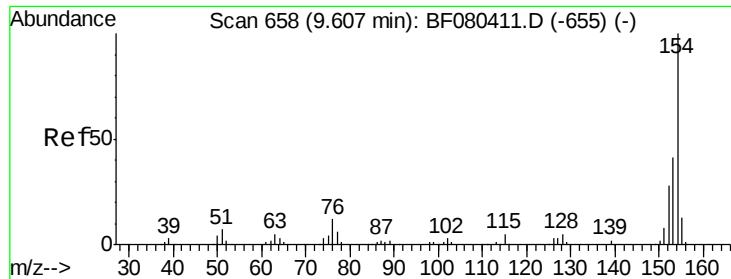
#44
 2-Fluorobiphenyl
 Concen: 69.85 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:172 Resp: 147150
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.4 42.6
 170 22.7 18.6 28.0



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

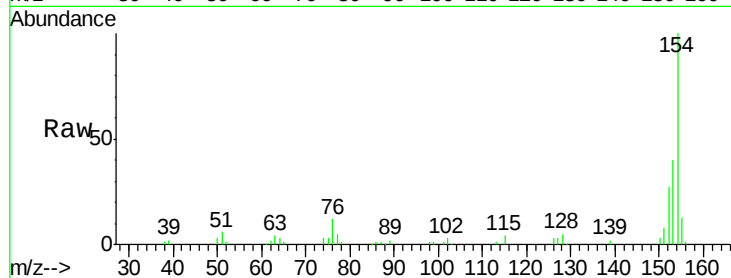




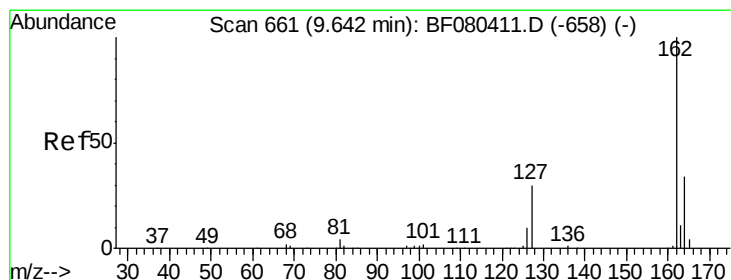
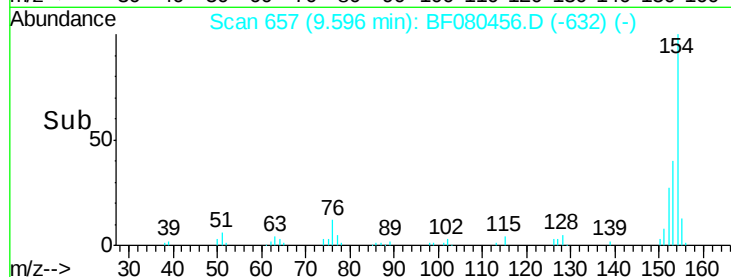
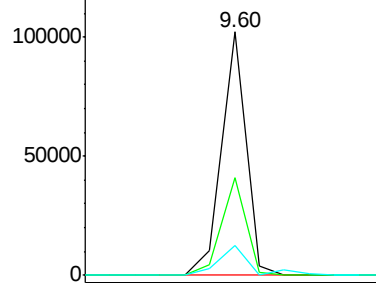
#45
 1,1'-Biphenyl
 Concen: 32.25 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion:	154	Resp:	79767
Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	12.3	0.0	32.4

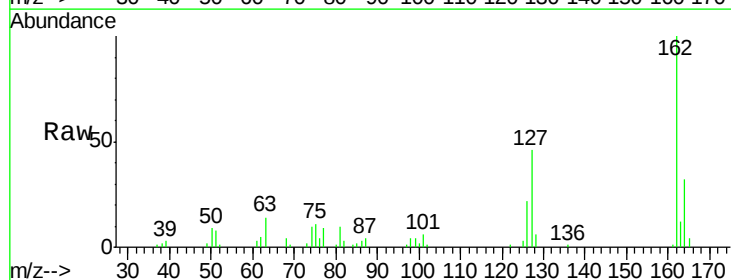


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

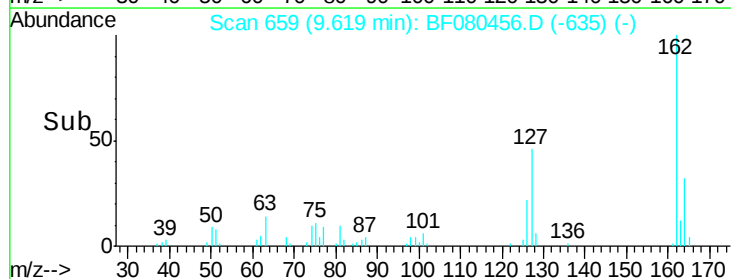
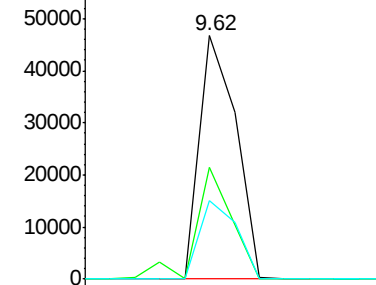


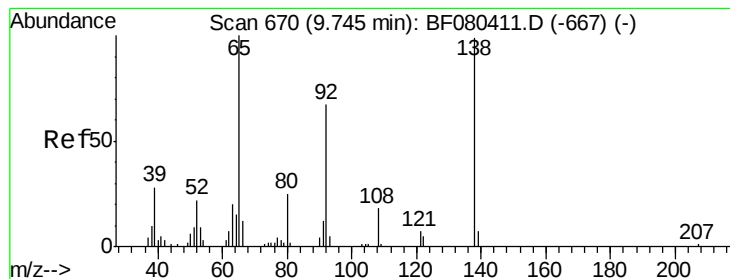
#46
 2-Chloronaphthalene
 Concen: 29.71 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:	162	Resp:	54232
Ion	Ratio	Lower	Upper
162	100		
127	45.8	28.6	42.8#
164	32.0	27.2	40.8



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: 28.26 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

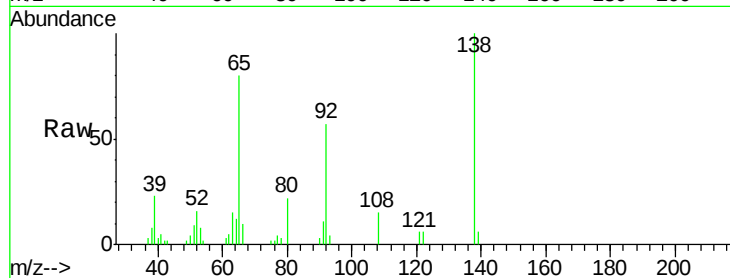
Tgt Ion: 65 Resp: 15148

Ion Ratio Lower Upper

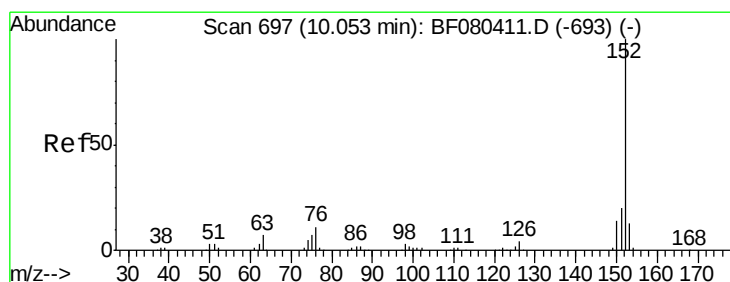
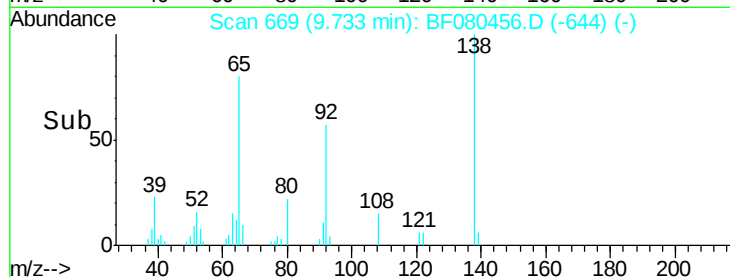
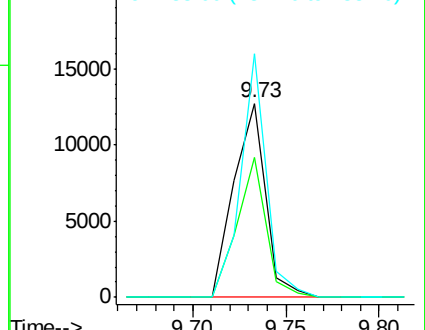
65 100

92 72.1 53.2 79.8

138 125.5 78.9 118.3#



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: 32.63 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

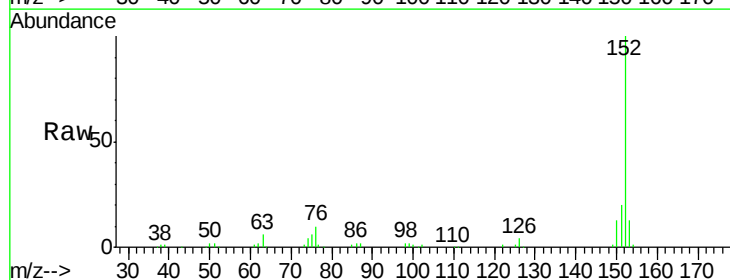
Tgt Ion: 152 Resp: 101894

Ion Ratio Lower Upper

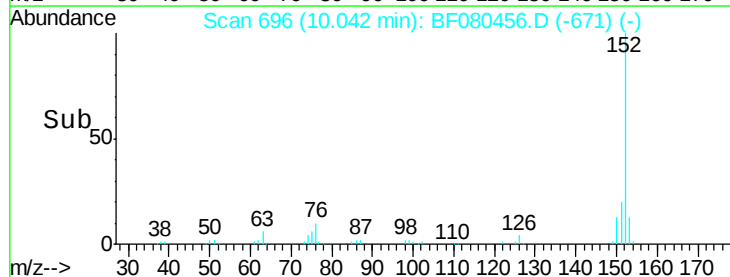
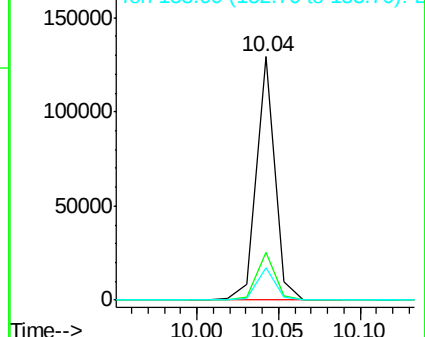
152 100

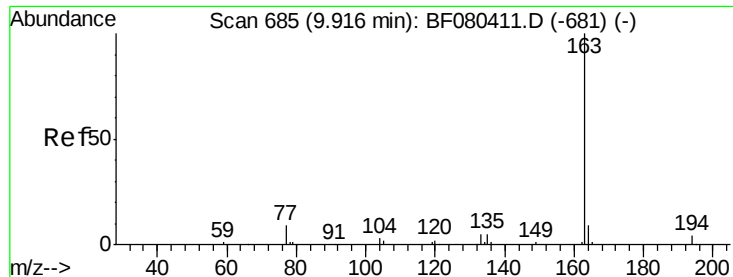
151 19.7 15.8 23.8

153 13.4 10.2 15.4



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: 32.35 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

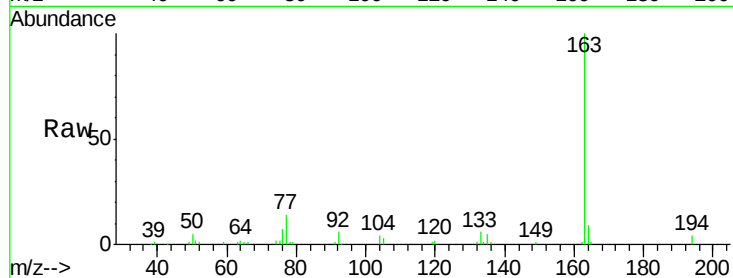
Tgt Ion:163 Resp: 69384

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

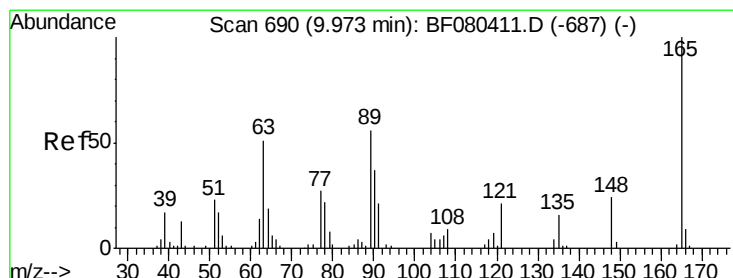
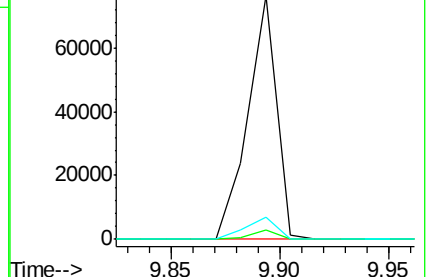
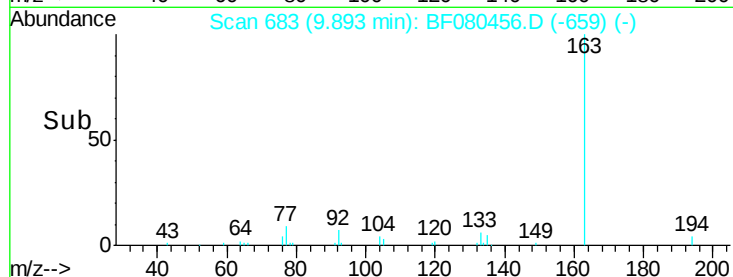
164 9.1 7.4 11.0



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: 26.53 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

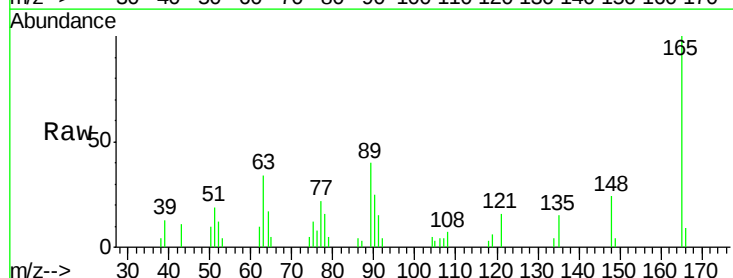
Tgt Ion:165 Resp: 12769

Ion Ratio Lower Upper

165 100

63 34.0 44.5 66.7#

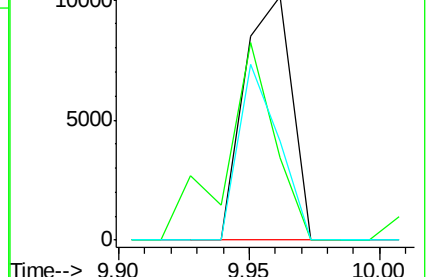
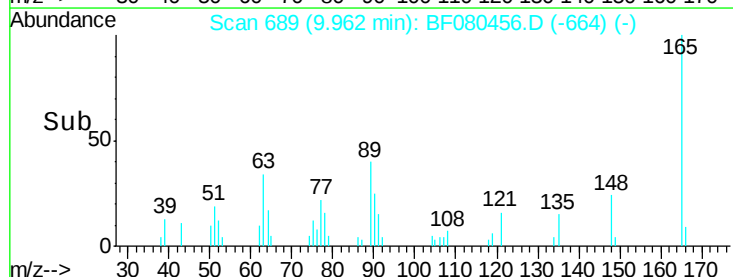
89 40.5 44.5 66.7#

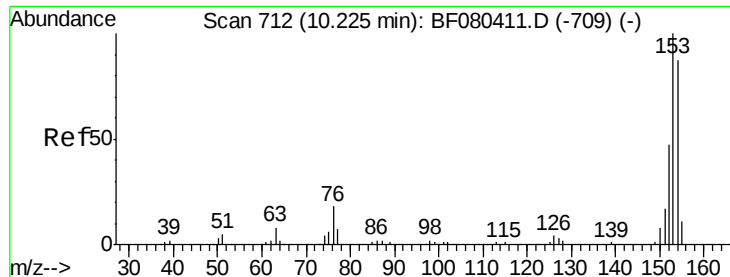


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.04 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

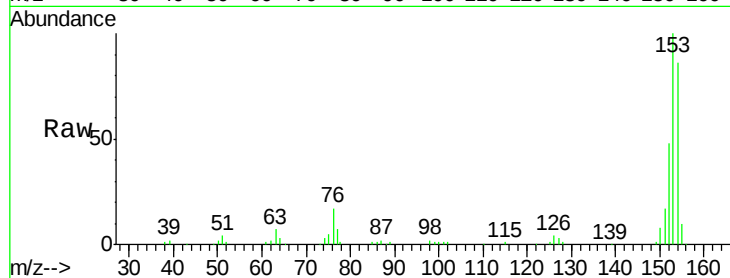
Tgt Ion:154 Resp: 65583

Ion Ratio Lower Upper

154 100

153 116.7 91.7 137.5

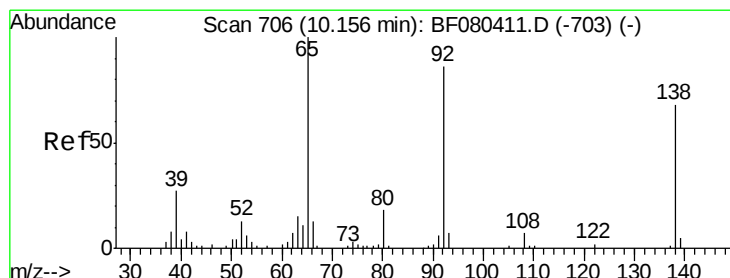
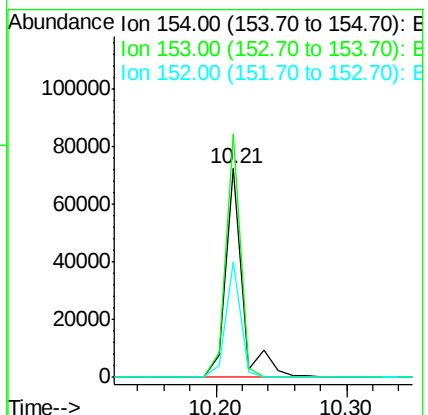
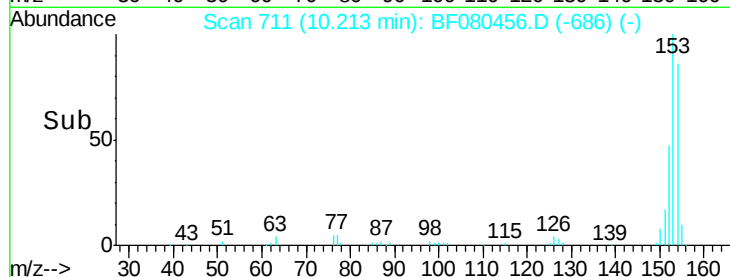
152 55.6 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.41 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

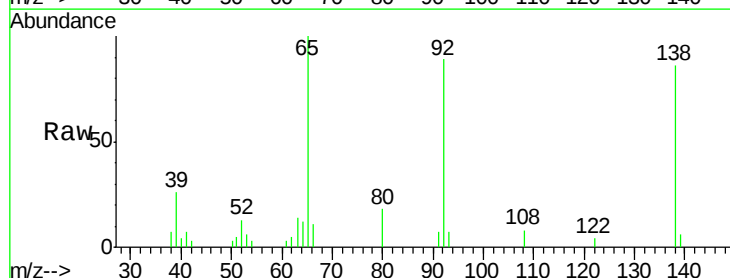
Tgt Ion:138 Resp: 11471

Ion Ratio Lower Upper

138 100

108 9.7 8.4 12.6

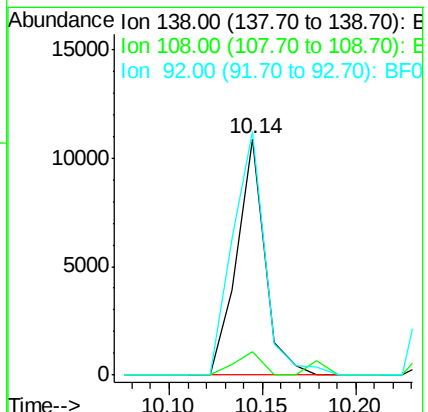
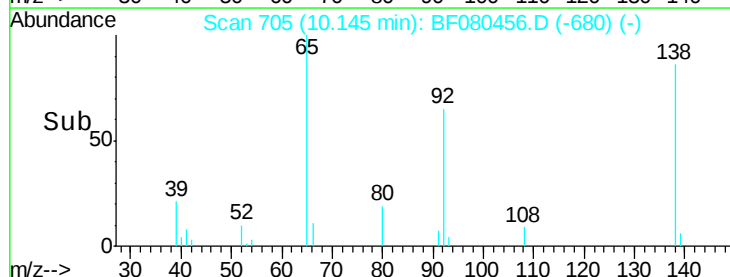
92 103.2 101.0 151.4

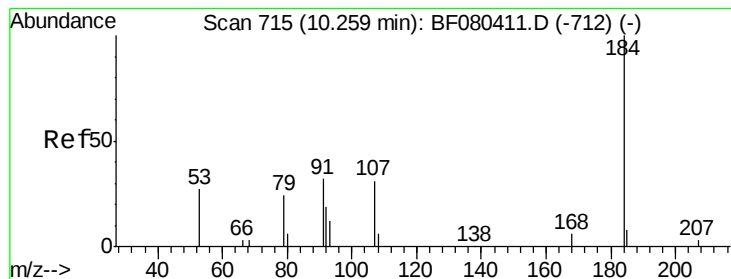


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 66.89 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

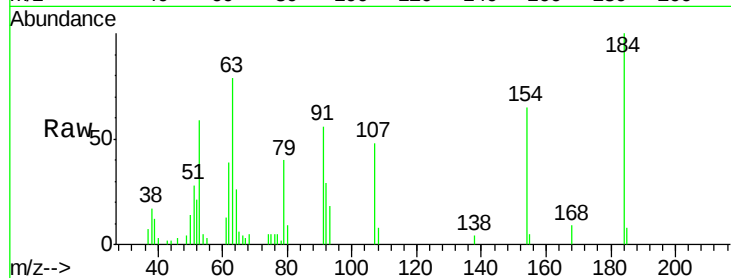
Tgt Ion:184 Resp: 14683

Ion Ratio Lower Upper

184 100

63 79.0 30.8 46.2#

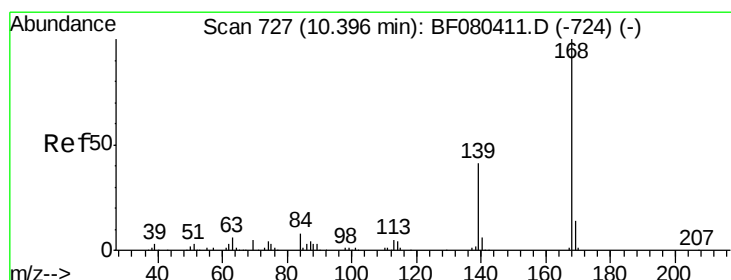
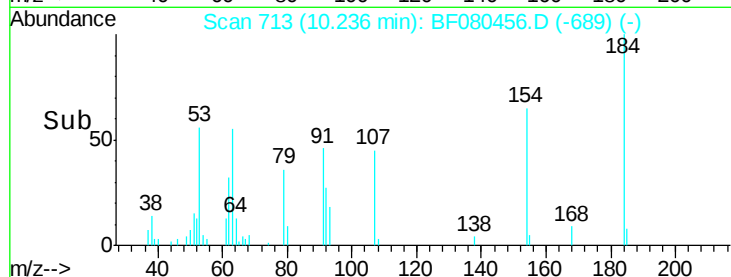
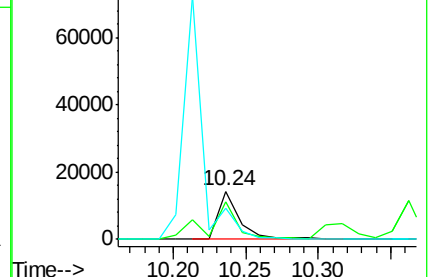
154 64.8 46.8 70.2



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: 35.55 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

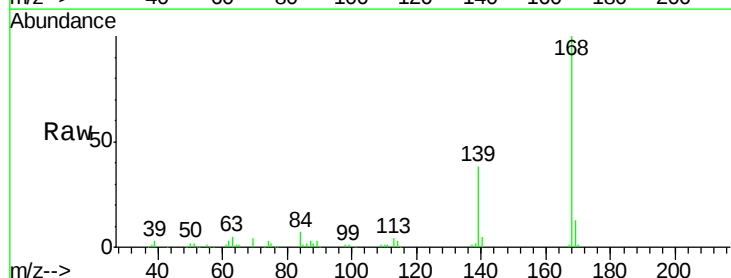
Tgt Ion:168 Resp: 93432

Ion Ratio Lower Upper

168 100

139 37.7 33.4 50.2

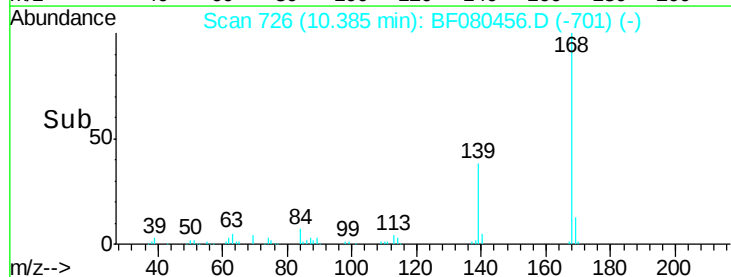
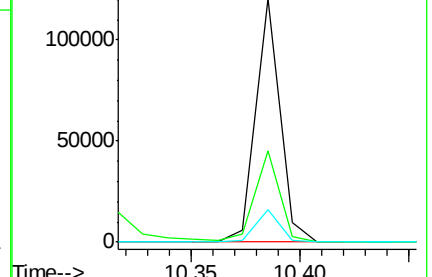
169 13.1 11.1 16.7

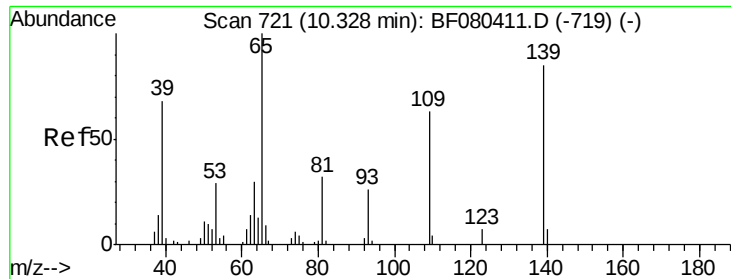


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

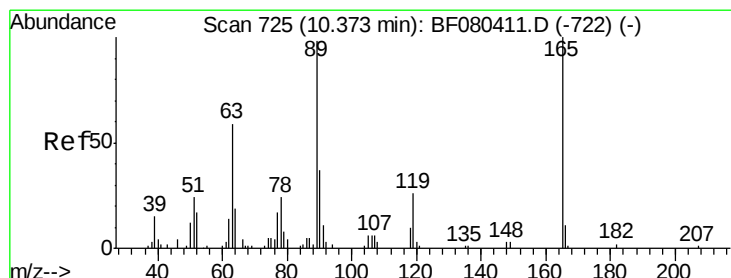
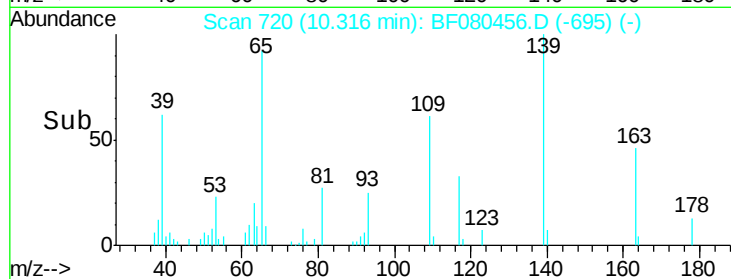
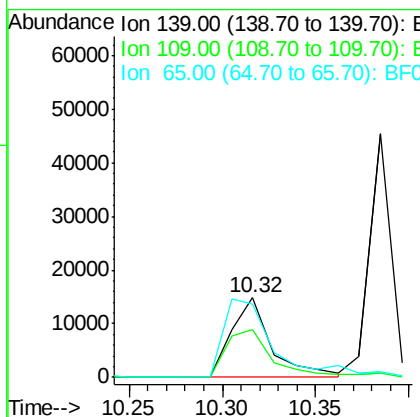
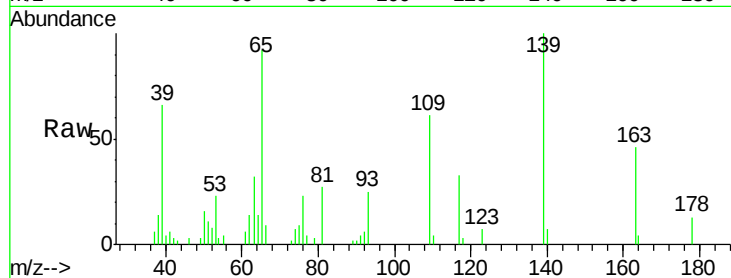




#55
4-Nitrophenol
Concen: 59.68 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

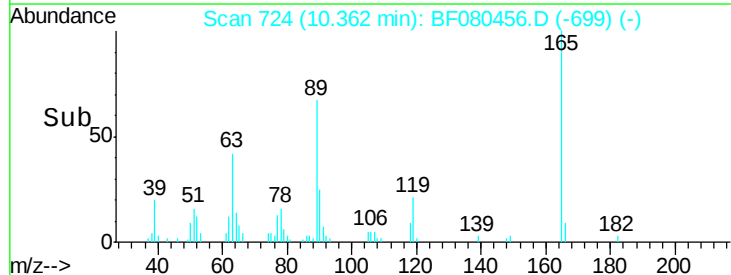
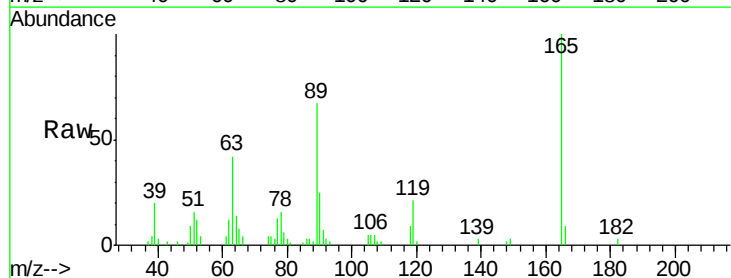
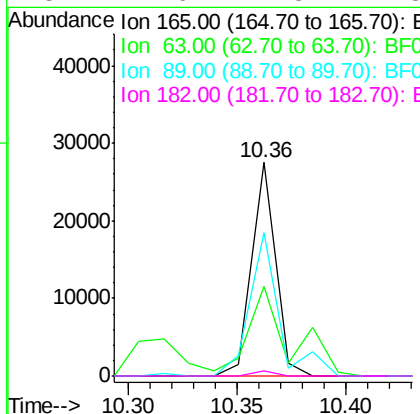
Instrument :
BNA_F
ClientSampleId :
PB84467BS

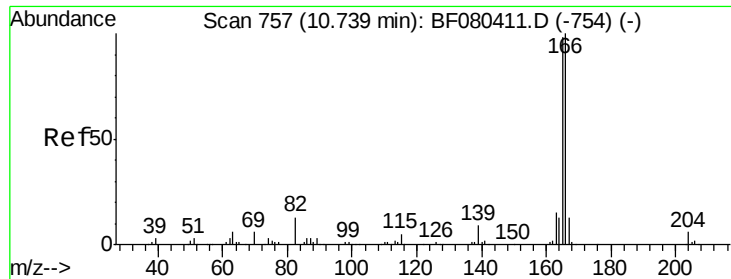
Tgt Ion:139 Resp: 22200
Ion Ratio Lower Upper
139 100
109 60.5 54.6 94.6
65 91.6 97.8 137.8#



#56
2,4-Dinitrotoluene
Concen: 37.49 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:165 Resp: 21102
Ion Ratio Lower Upper
165 100
63 42.2 51.7 77.5#
89 66.9 78.6 117.8#
182 2.6 1.8 2.8

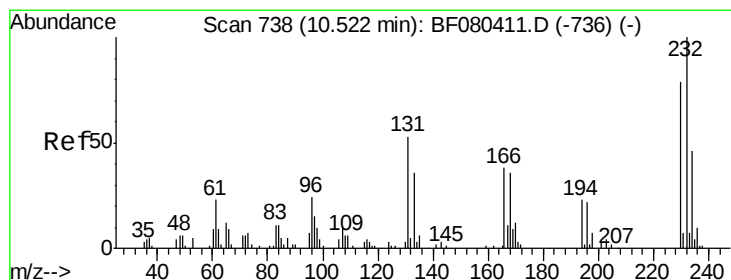
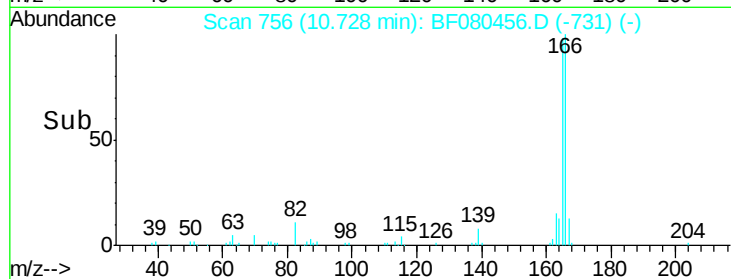
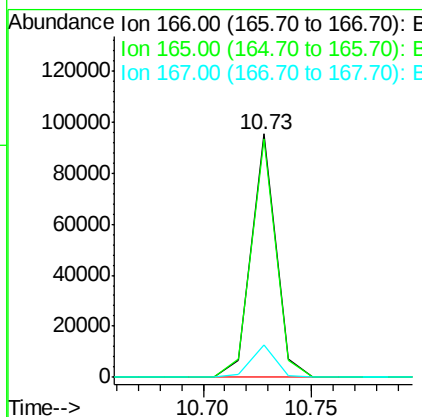
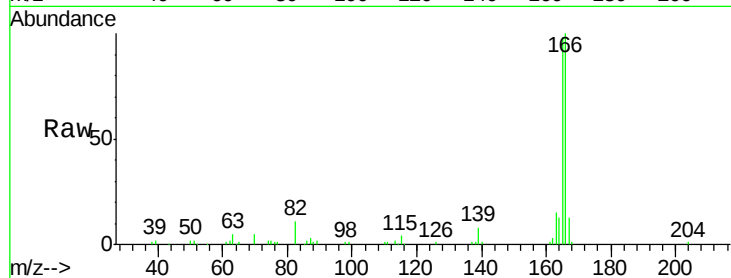




#57
 Fluorene
 Concen: 33.86 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

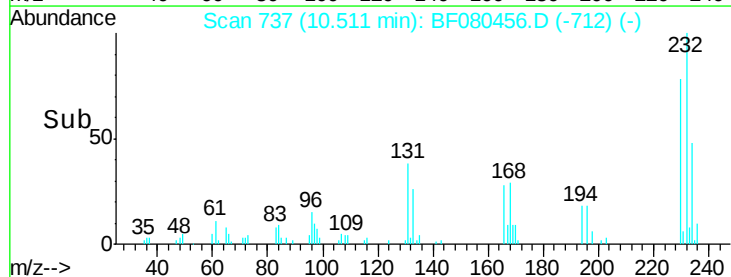
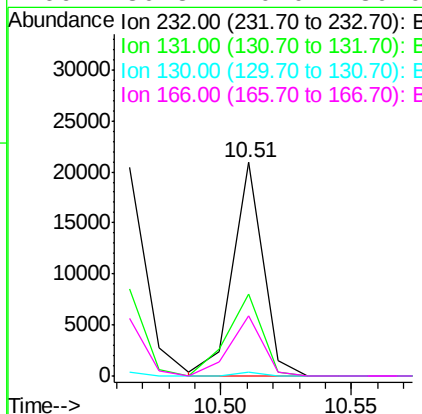
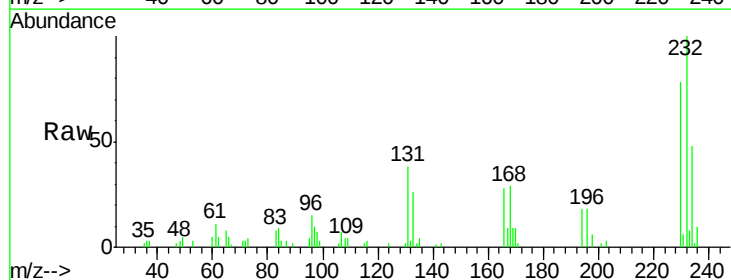
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

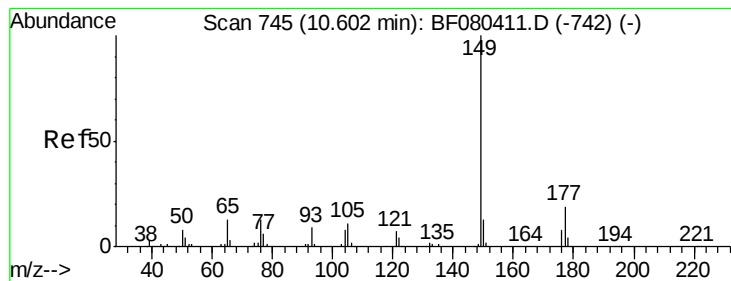
Tgt Ion:166 Resp: 74977
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.3 117.5
 167 13.1 10.6 15.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.05 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:232 Resp: 17014
 Ion Ratio Lower Upper
 232 100
 131 44.4 33.0 49.4
 130 1.6 1.8 2.8#
 166 30.8 20.0 30.0#





#59

Diethylphthalate

Concen: 30.79 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

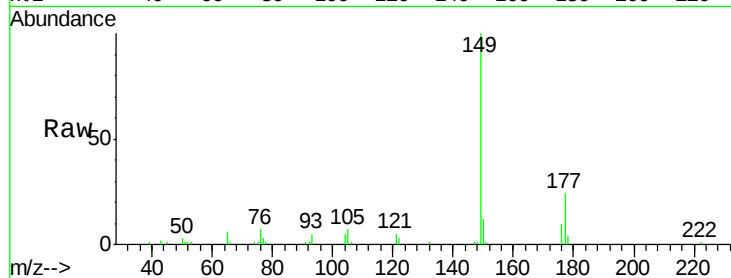
Tgt Ion:149 Resp: 64645

Ion Ratio Lower Upper

149 100

177 23.9 15.4 23.2#

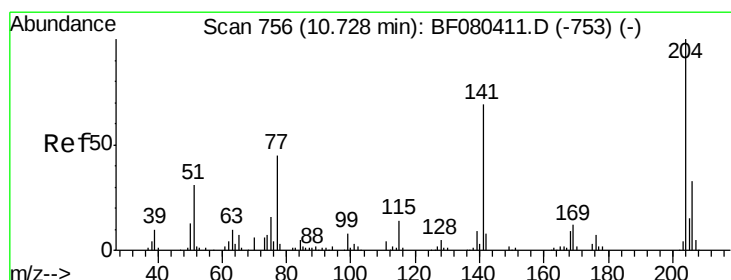
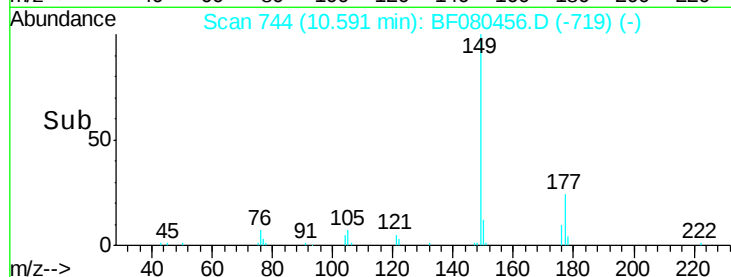
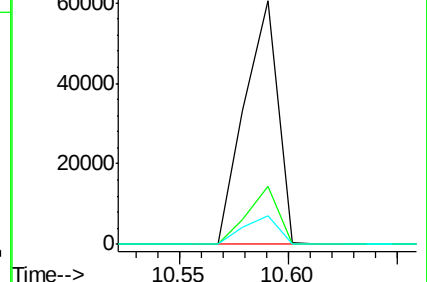
150 11.7 10.3 15.5



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: 30.17 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

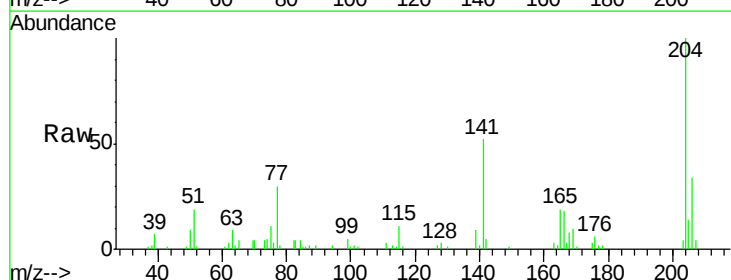
Tgt Ion:204 Resp: 32184

Ion Ratio Lower Upper

204 100

206 34.4 26.8 40.2

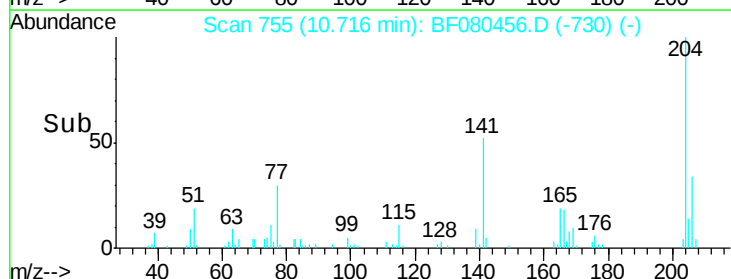
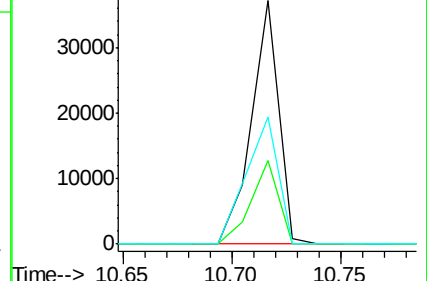
141 52.4 55.1 82.7#

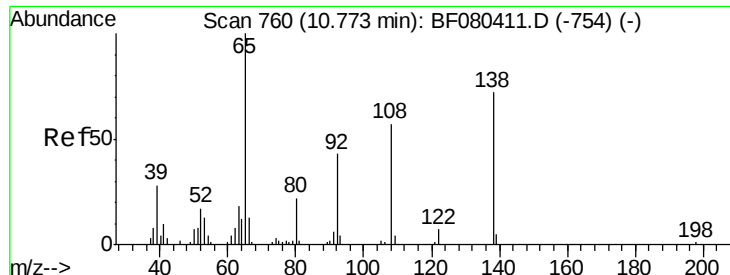


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

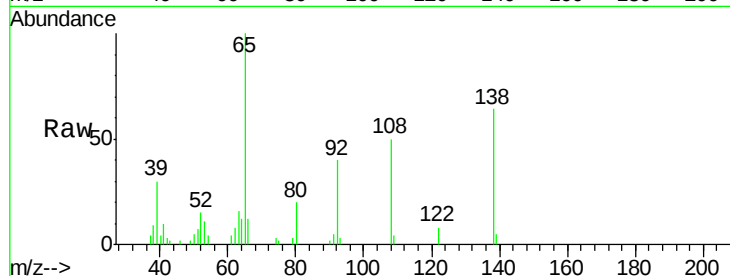




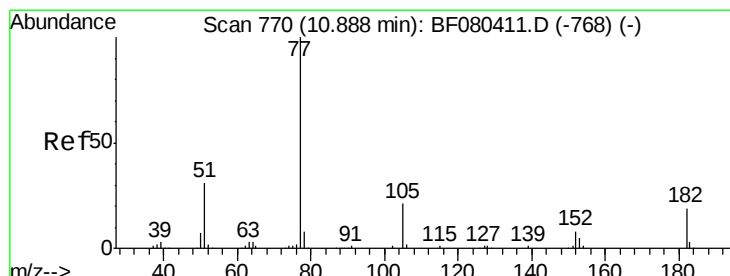
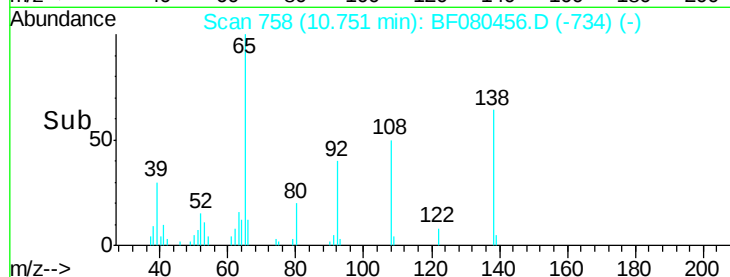
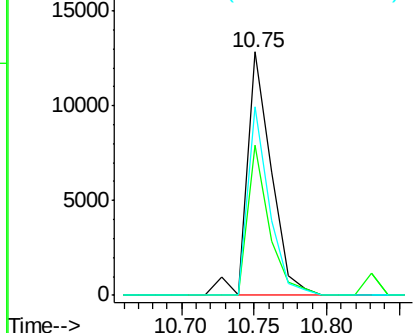
#61
4-Nitroaniline
Concen: 32.08 ng
RT: 10.75 min Scan# 758
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion:138 Resp: 14879
Ion Ratio Lower Upper
138 100
92 61.8 39.0 79.0
108 77.5 59.4 99.4

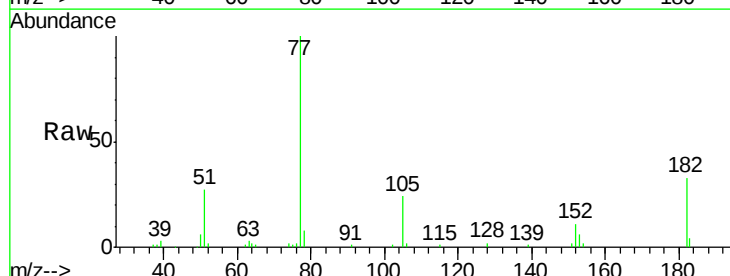


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

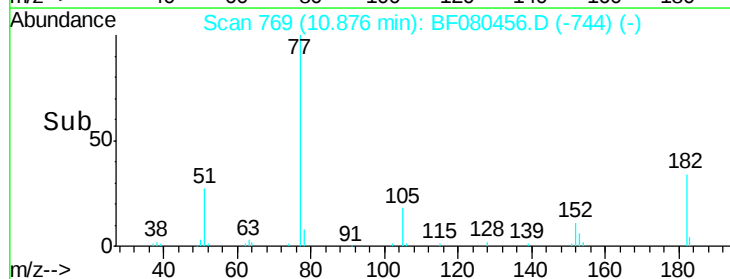
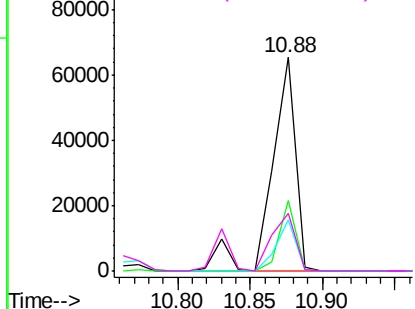


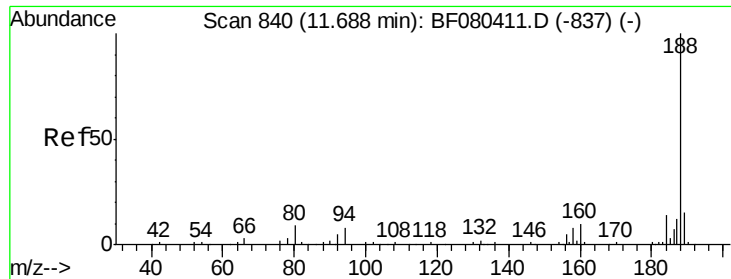
#62
Azobenzene
Concen: 32.71 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 77 Resp: 74133
Ion Ratio Lower Upper
77 100
182 32.9 0.0 39.4
105 24.0 0.6 40.6
51 27.2 11.5 51.5



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

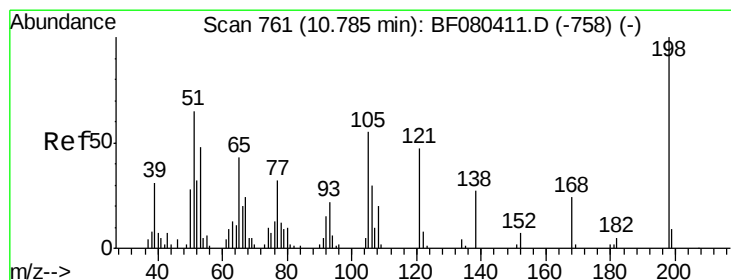
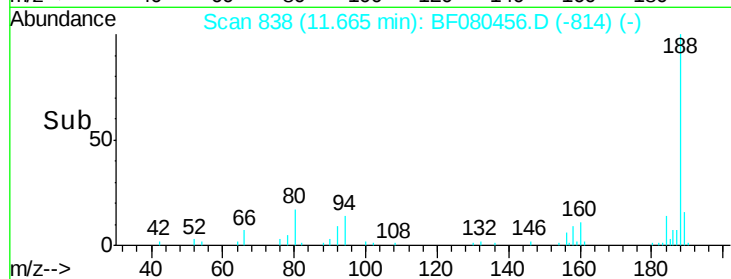
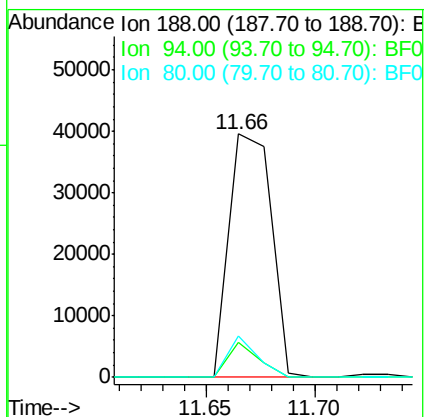
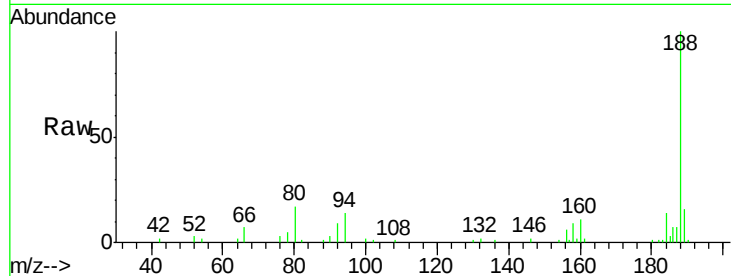




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

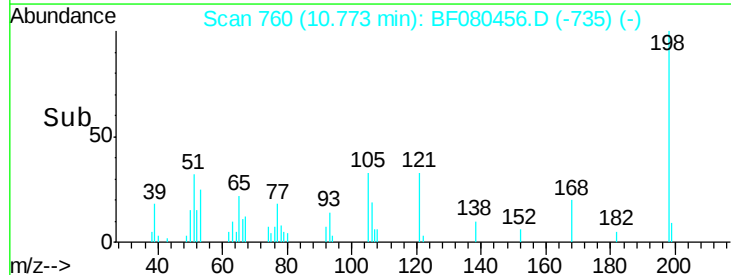
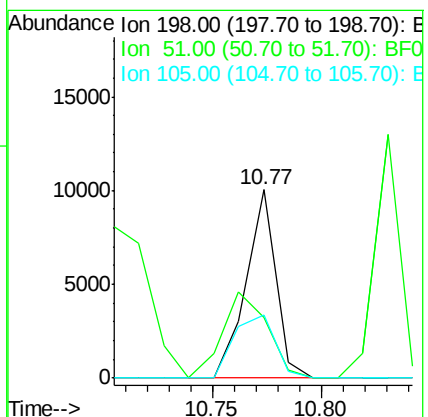
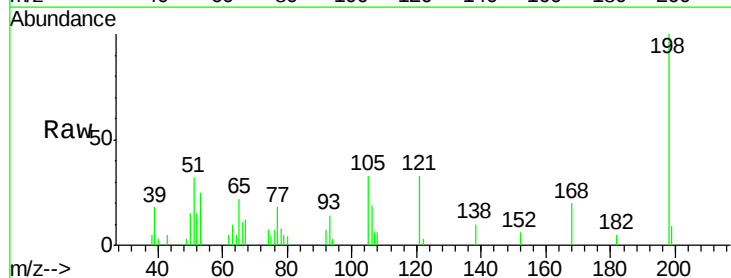
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

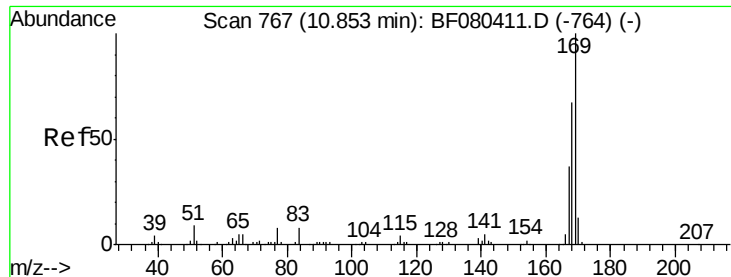
Tgt Ion:188 Resp: 53314
 Ion Ratio Lower Upper
 188 100
 94 14.1 6.7 10.1#
 80 16.9 7.5 11.3#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.31 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:198 Resp: 9534
 Ion Ratio Lower Upper
 198 100
 51 32.3 47.2 87.2#
 105 33.2 34.7 74.7#





#65

n-Nitrosodiphenylamine

Concen: 38.16 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

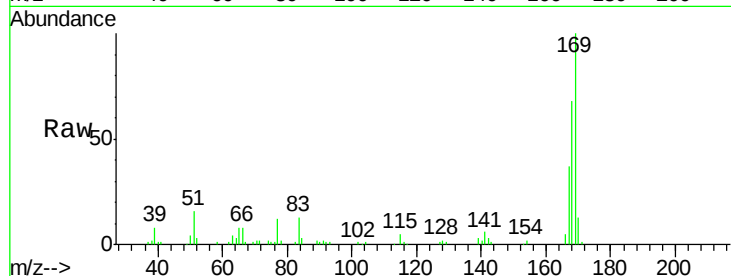
Tgt Ion:169 Resp: 63415

Ion Ratio Lower Upper

169 100

168 67.7 53.5 80.3

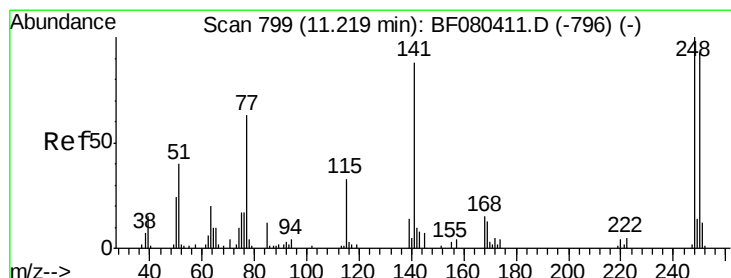
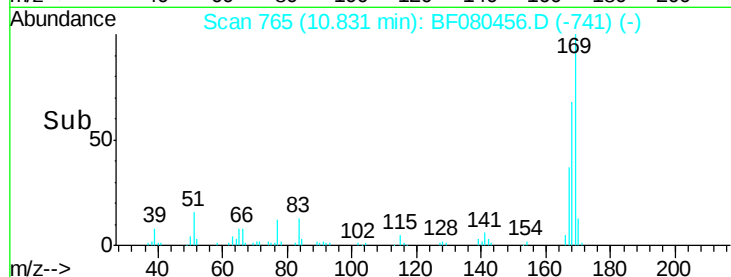
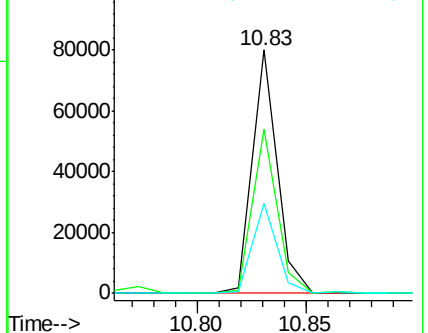
167 36.8 29.4 44.2



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: 36.00 ng

RT: 11.21 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

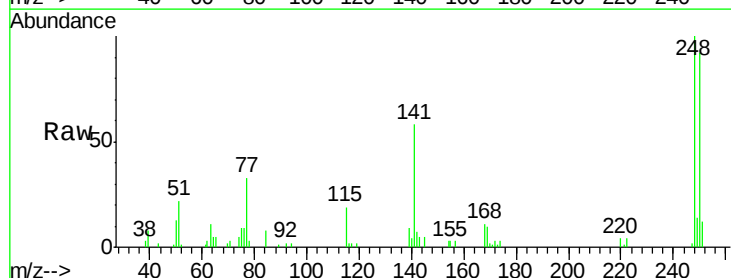
Tgt Ion:248 Resp: 20455

Ion Ratio Lower Upper

248 100

250 91.8 74.2 111.4

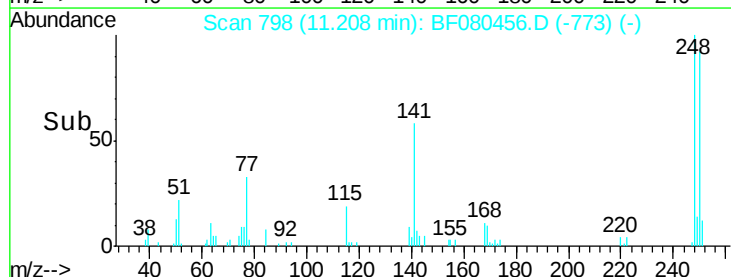
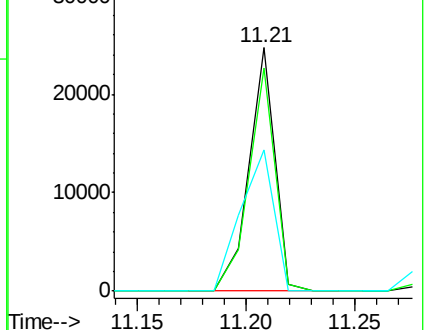
141 58.2 70.7 106.1#

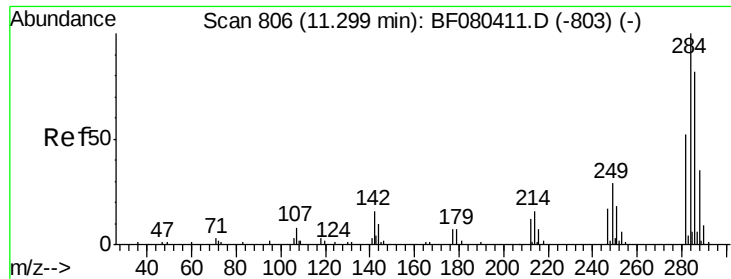


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

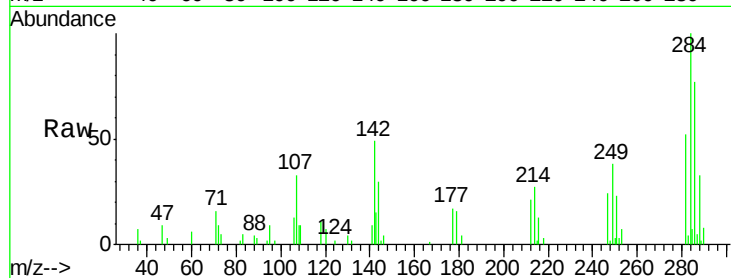




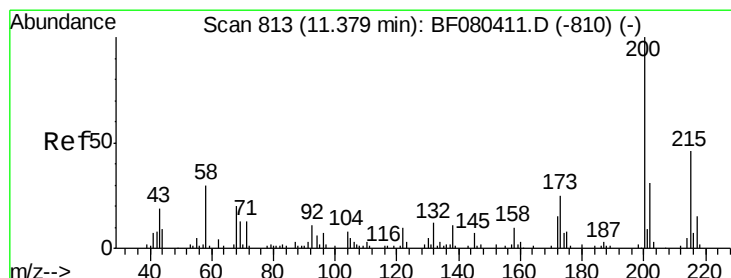
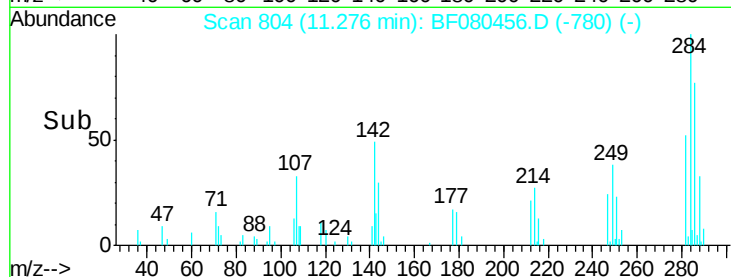
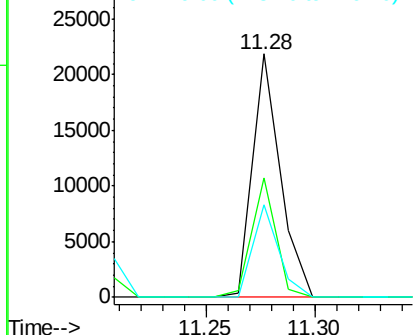
#67
Hexachlorobenzene
Concen: 33.93 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Instrument :
BNA_F
ClientSampleId :
PB84467BS

Tgt Ion: 284 Resp: 19359
Ion Ratio Lower Upper
284 100
142 49.1 12.9 19.3#
249 38.3 23.5 35.3#

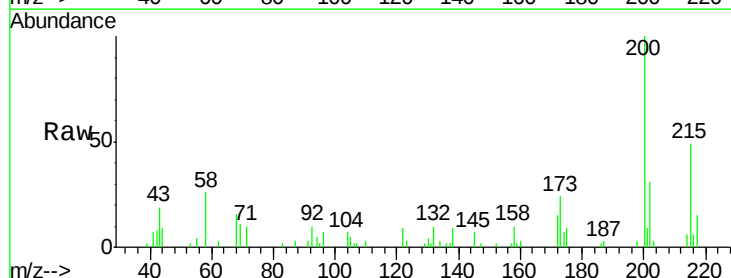


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

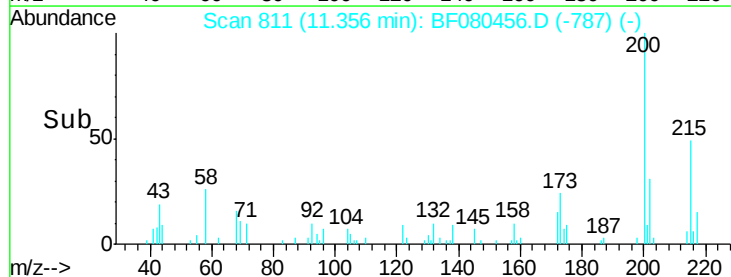
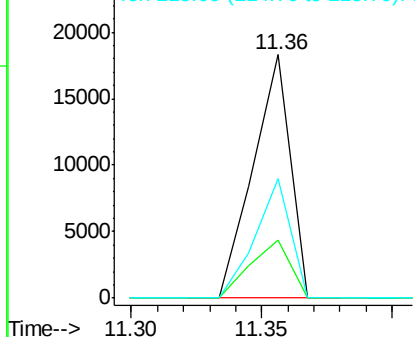


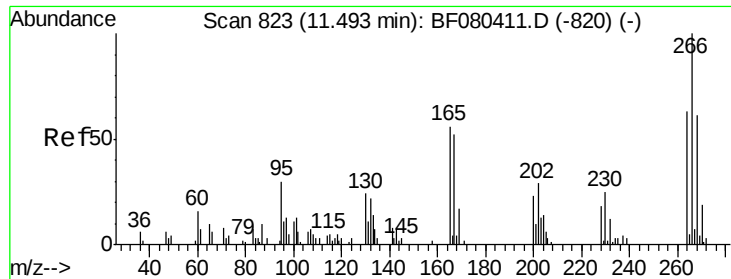
#68
Atrazine
Concen: 35.52 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 200 Resp: 18354
Ion Ratio Lower Upper
200 100
173 23.9 5.5 45.5
215 48.9 25.8 65.8



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

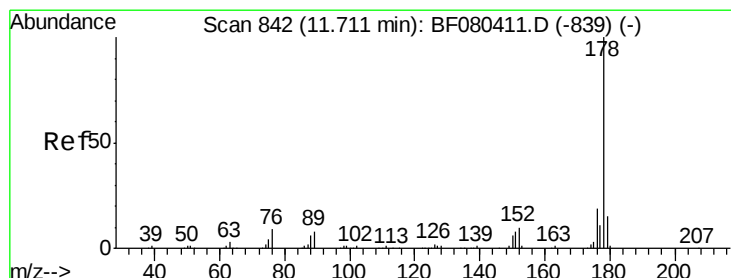
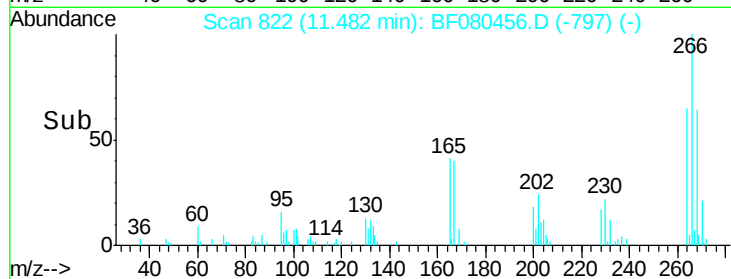
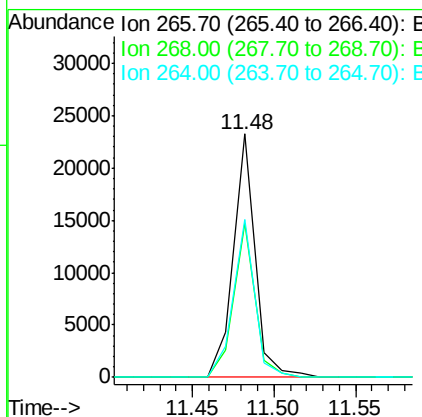
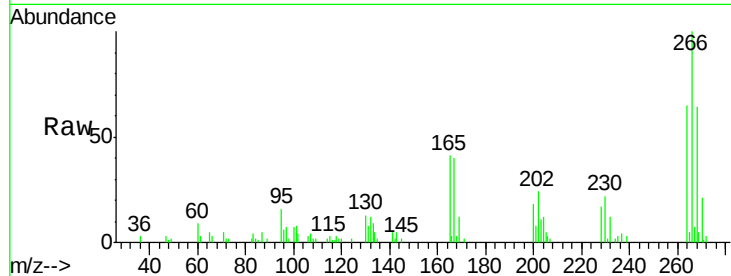




#69
 Pentachlorophenol
 Concen: 65.40 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

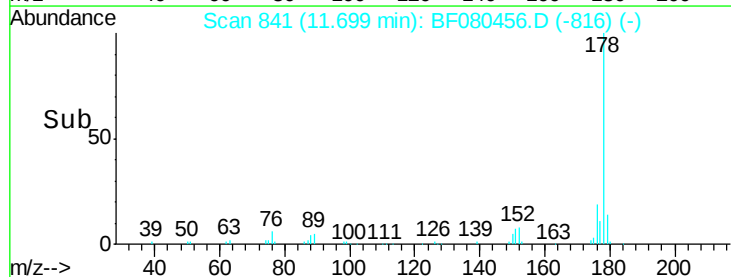
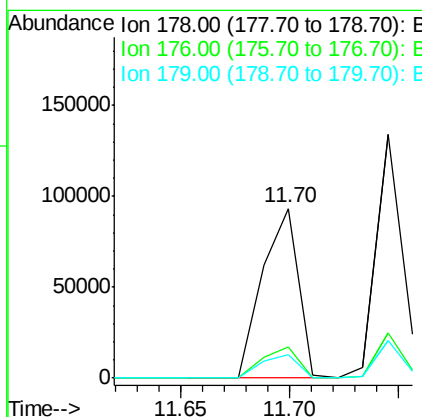
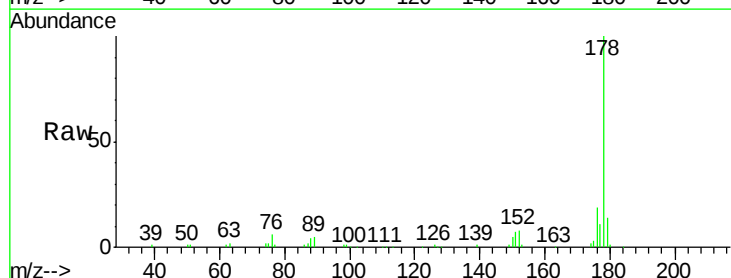
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

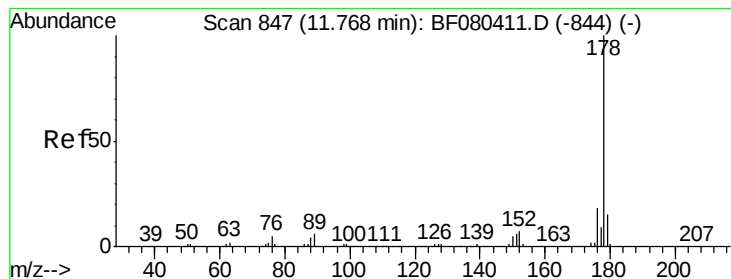
Tgt Ion:266 Resp: 21309
 Ion Ratio Lower Upper
 266 100
 268 63.5 48.5 72.7
 264 64.9 50.2 75.2



#70
 Phenanthrene
 Concen: 33.69 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:178 Resp: 107926
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 14.2 12.4 18.6





#71

Anthracene

Concen: 38.41 ng

RT: 11.74 min Scan# 845

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

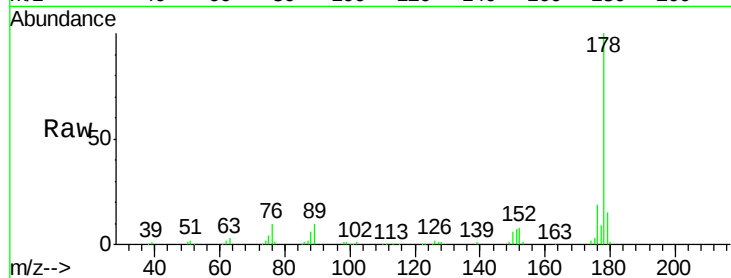
Tgt Ion:178 Resp: 113927

Ion Ratio Lower Upper

178 100

176 18.7 14.2 21.4

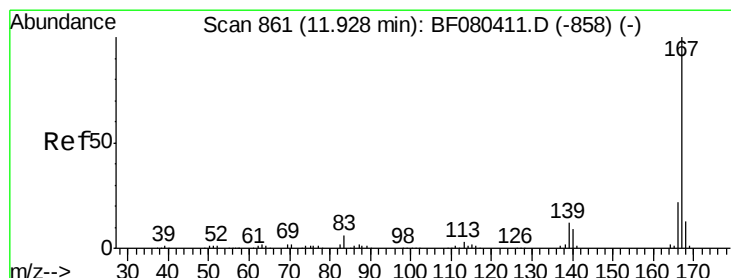
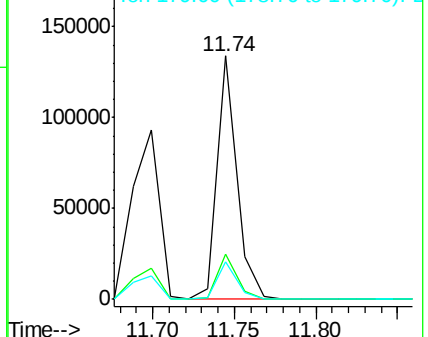
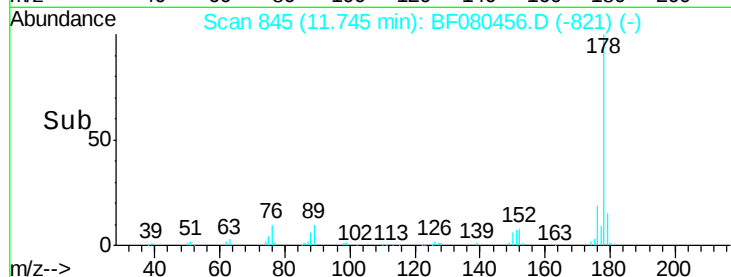
179 15.4 11.6 17.4



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



#72

Carbazole

Concen: 39.94 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

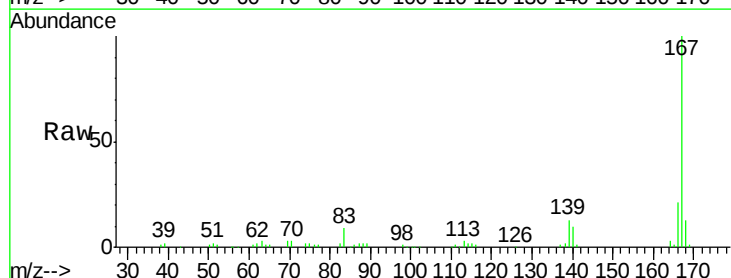
Tgt Ion:167 Resp: 109329

Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.2

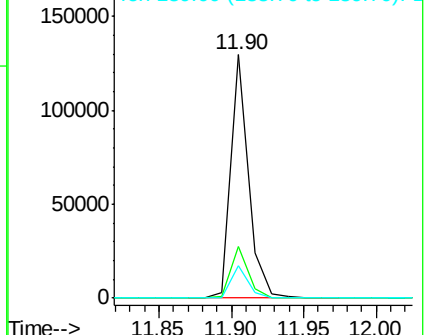
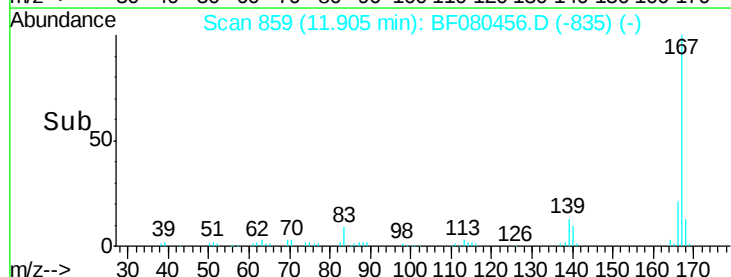
139 13.3 9.5 14.3

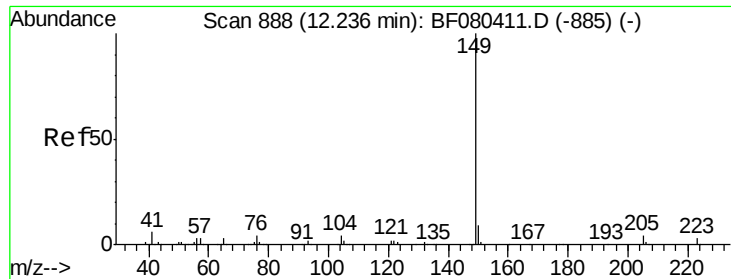


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

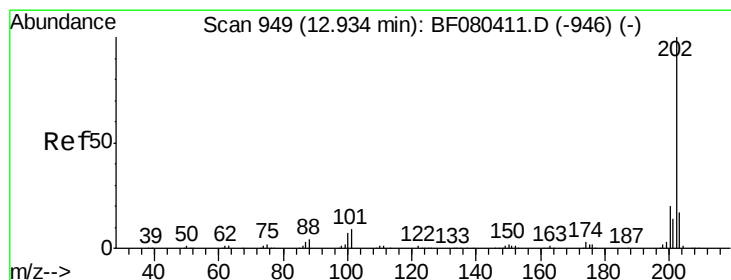
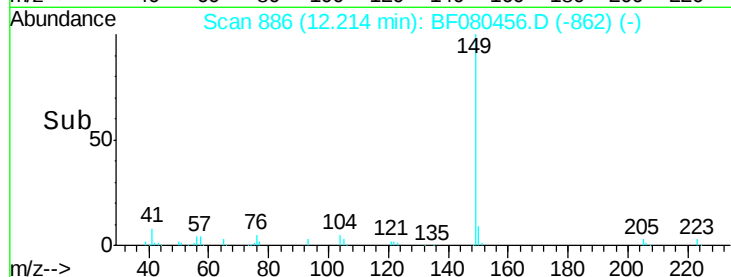
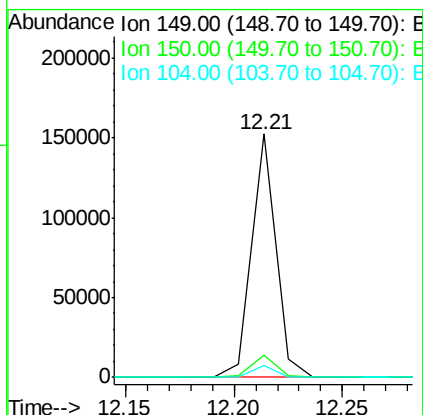
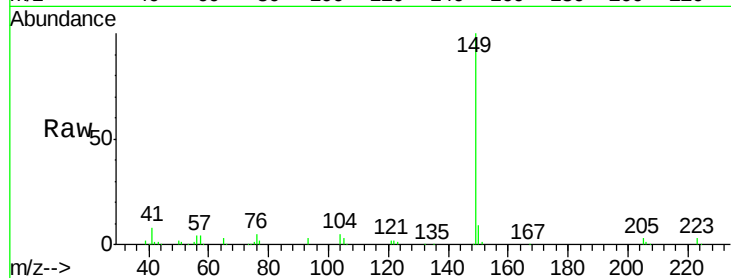




#73
Di-n-butylphthalate
Concen: 40.78 ng
RT: 12.21 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

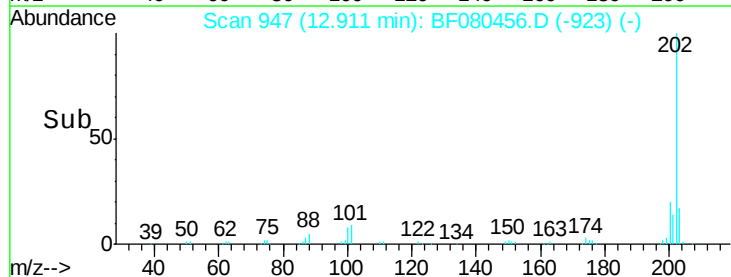
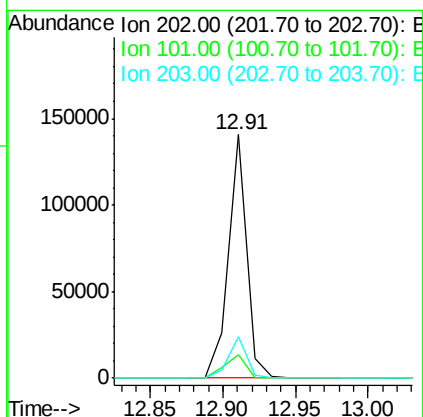
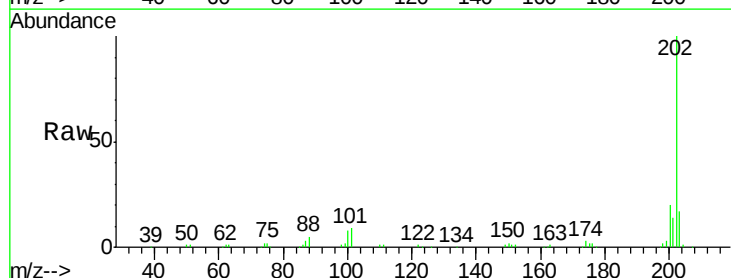
Instrument :
BNA_F
ClientSampleId :
PB84467BS

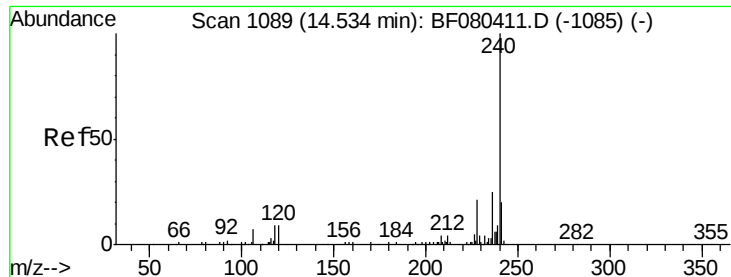
Tgt Ion:149 Resp: 118024
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.7 3.5 5.3



#74
Fluoranthene
Concen: 37.16 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.02 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:202 Resp: 123447
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.8
203 16.9 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.49 min Scan# 1085

Delta R.T. -0.05 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

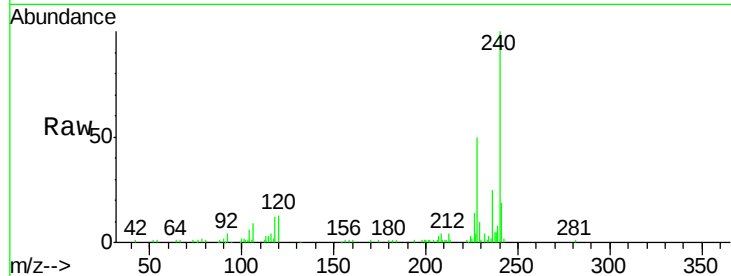
Tgt Ion:240 Resp: 71098

Ion Ratio Lower Upper

240 100

120 13.0 7.4 11.2#

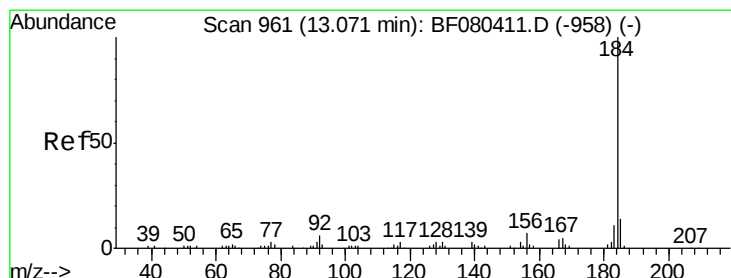
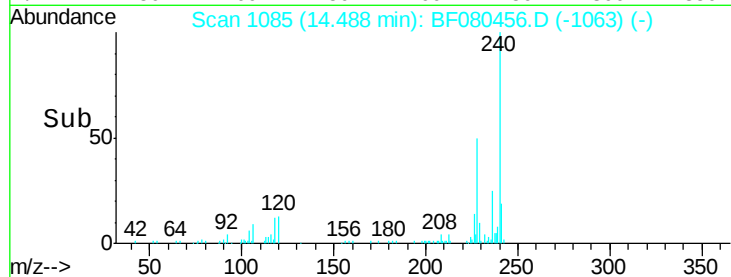
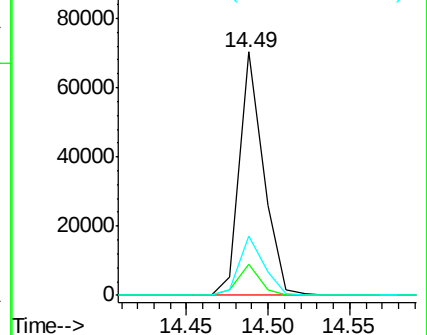
236 24.5 19.7 29.5



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: 48.33 ng

RT: 13.04 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

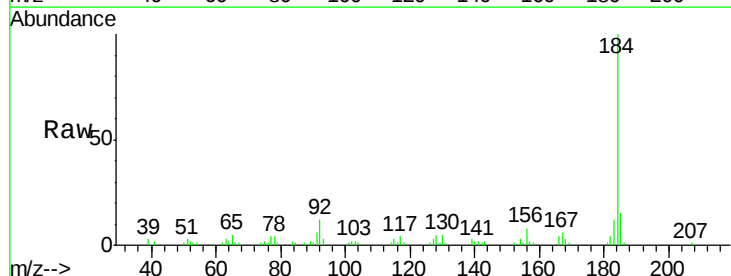
Tgt Ion:184 Resp: 67142

Ion Ratio Lower Upper

184 100

185 14.7 11.0 16.4

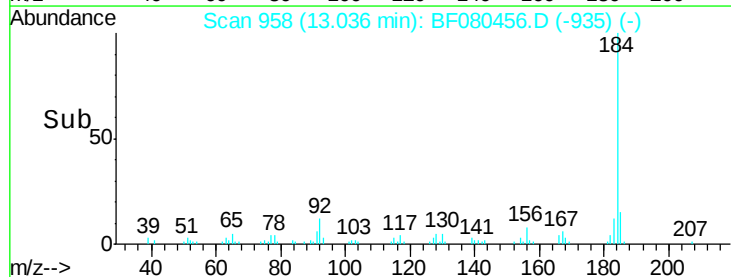
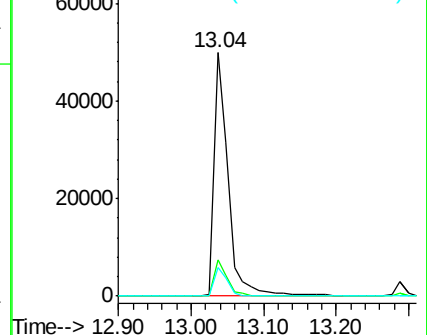
183 11.6 9.0 13.6

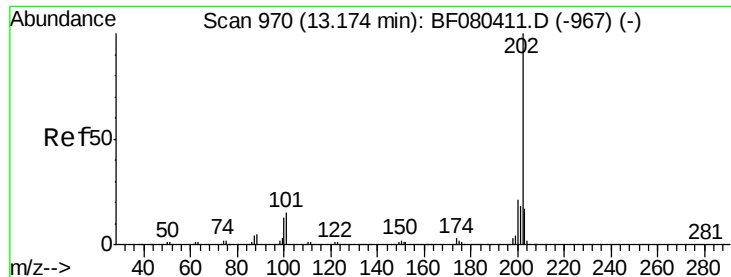


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

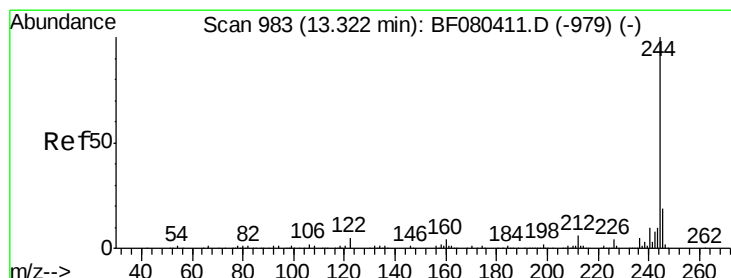
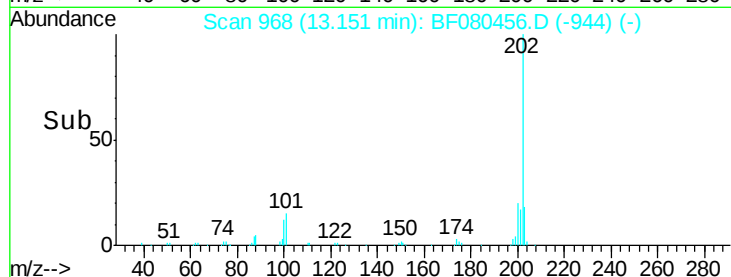
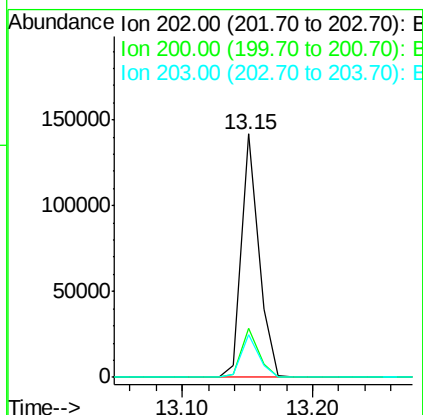
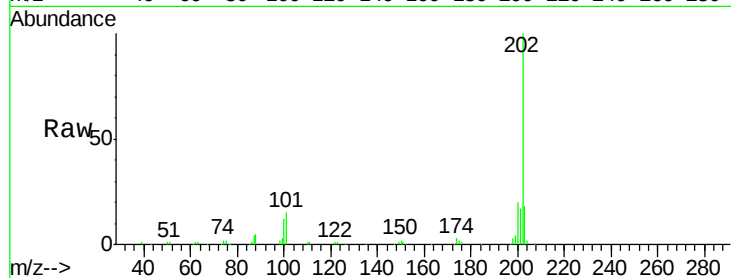




#77
 Pyrene
 Concen: 28.82 ng
 RT: 13.15 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

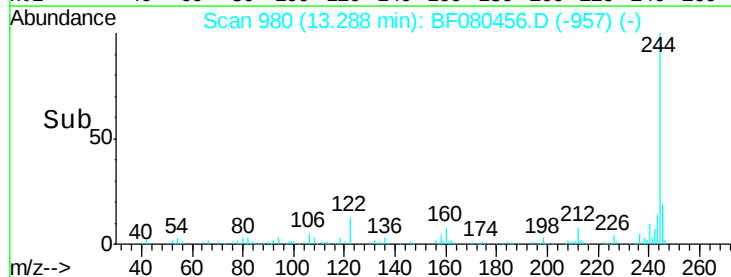
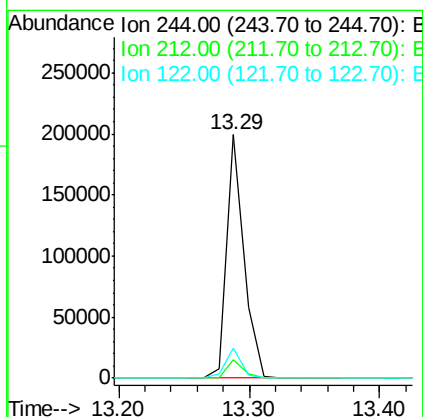
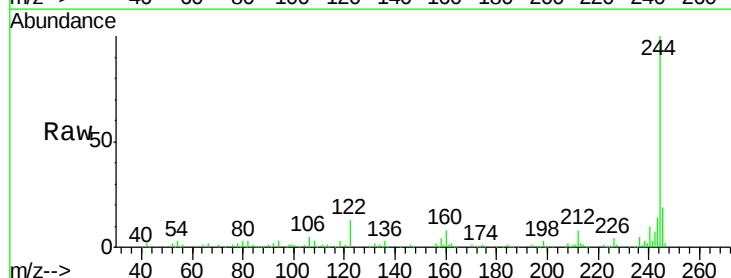
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

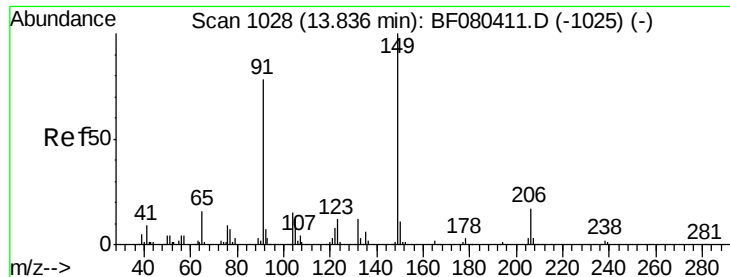
Tgt Ion: 202 Resp: 131285
 Ion Ratio Lower Upper
 202 100
 200 20.3 17.0 25.6
 203 17.6 13.8 20.8



#78
 Terphenyl-d14
 Concen: 56.12 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion: 244 Resp: 183722
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.9 7.3#
 122 12.5 4.1 6.1#

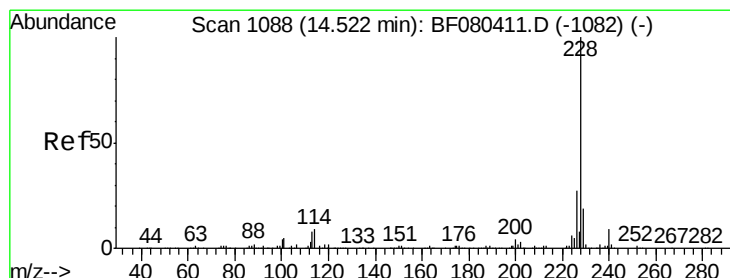
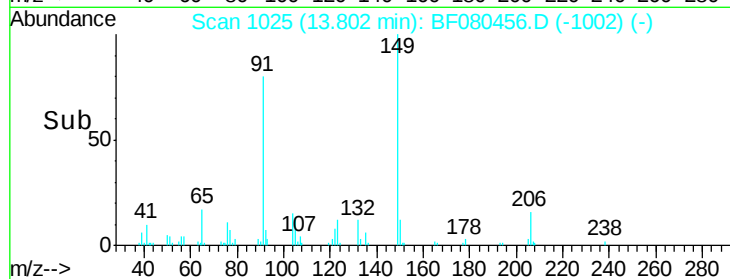
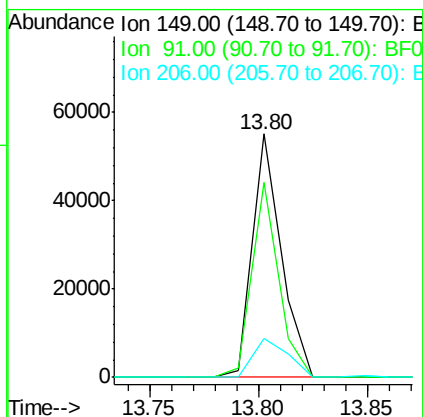
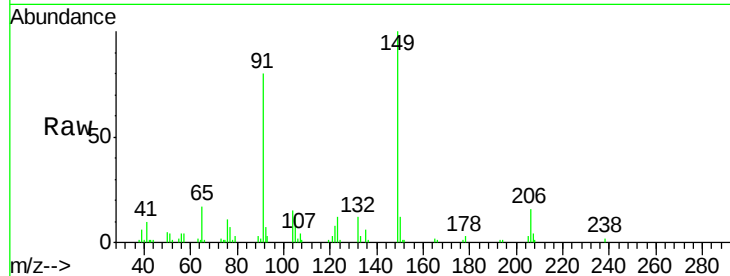




#79
Butylbenzylphthalate
Concen: 29.42 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

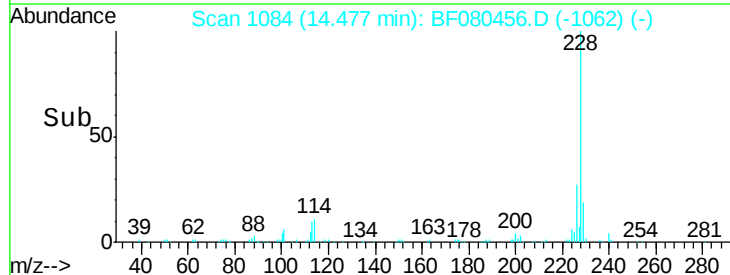
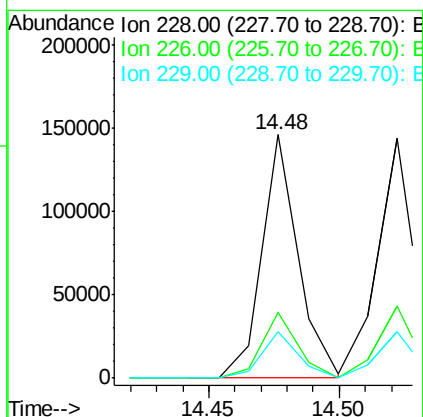
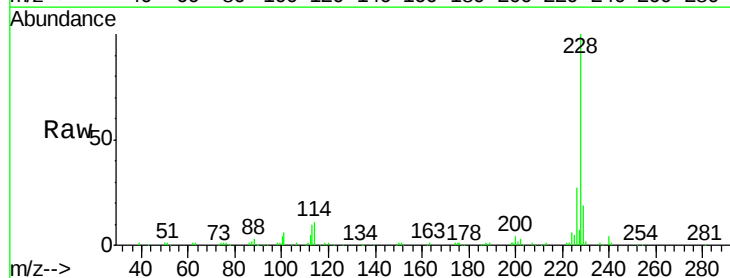
Instrument :
BNA_F
ClientSampleId :
PB84467BS

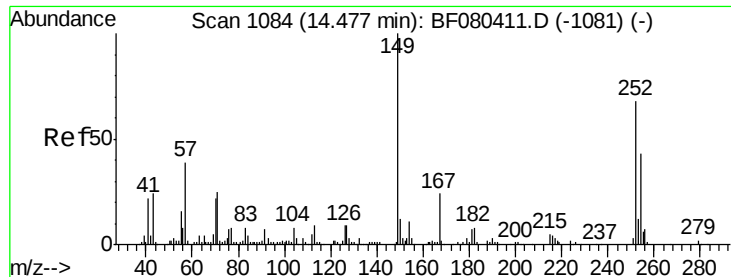
Tgt Ion:149 Resp: 50800
Ion Ratio Lower Upper
149 100
91 80.0 62.5 93.7
206 16.0 14.0 21.0



#80
Benzo(a)anthracene
Concen: 31.10 ng
RT: 14.48 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion:228 Resp: 139343
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.0 15.5 23.3

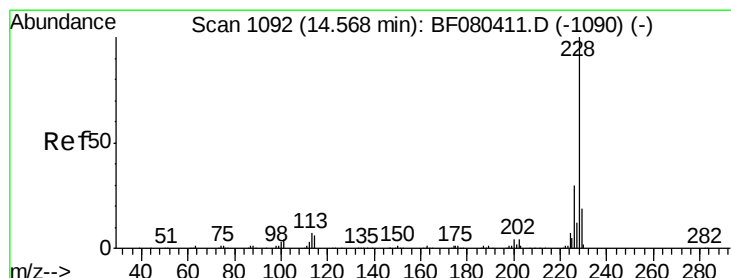
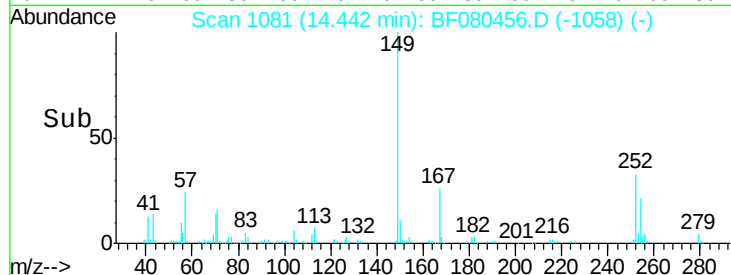
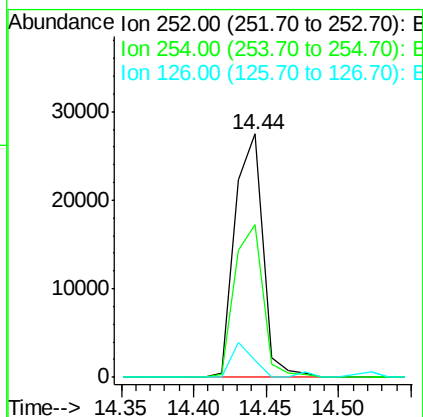
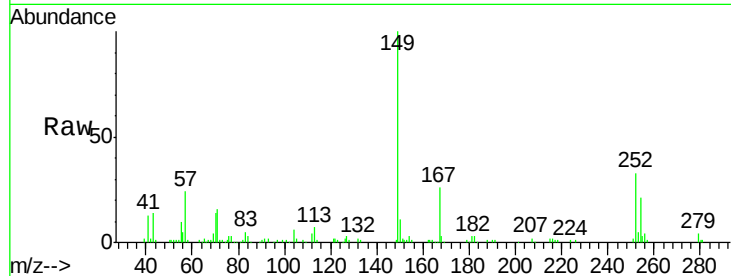




#81
 3,3'-Dichlorobenzidine
 Concen: 27.45 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

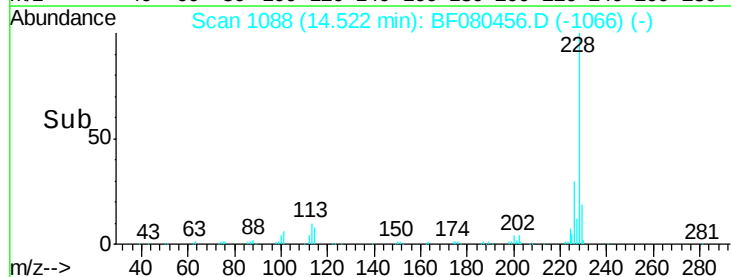
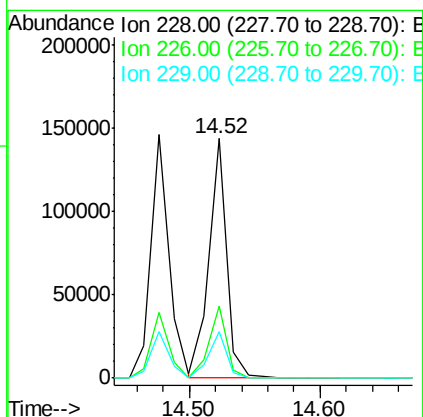
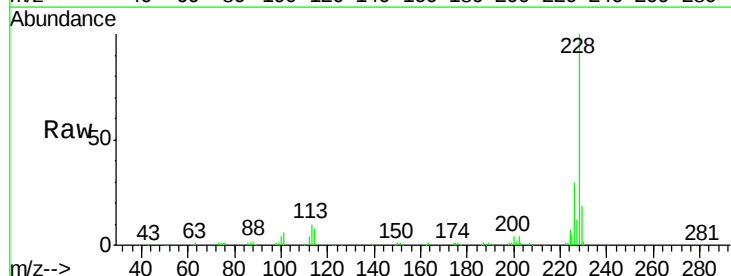
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

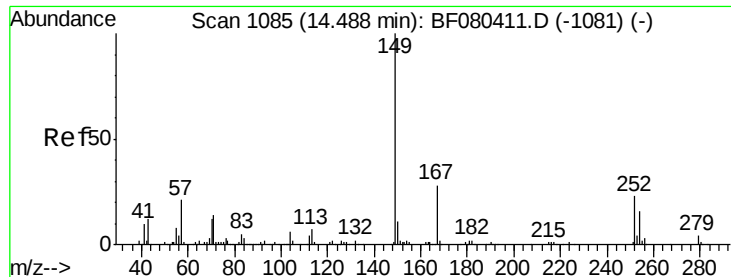
Tgt Ion: 252 Resp: 36774
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.6 76.0
 126 7.0 10.6 15.8#



#82
 Chrysene
 Concen: 33.33 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.05 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion: 228 Resp: 137514
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.3 36.5
 229 19.5 15.5 23.3

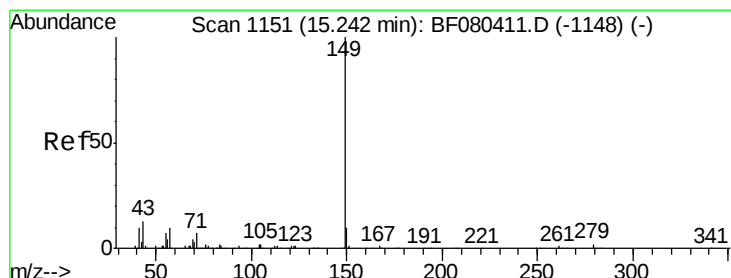
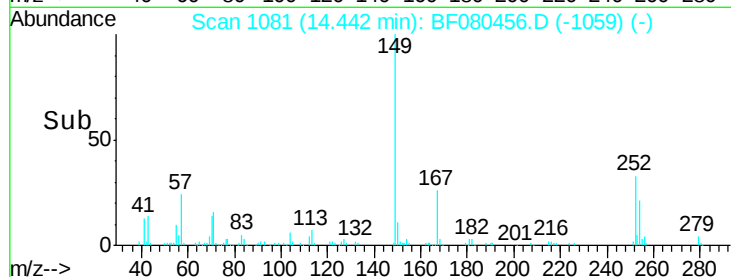
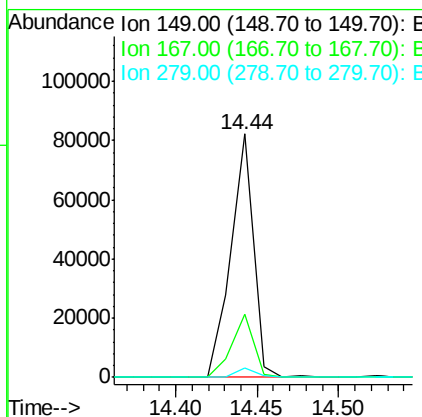
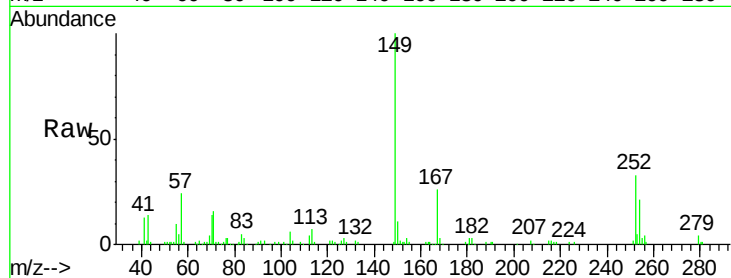




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.95 ng
 RT: 14.44 min Scan# 1081
 Delta R.T. -0.05 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

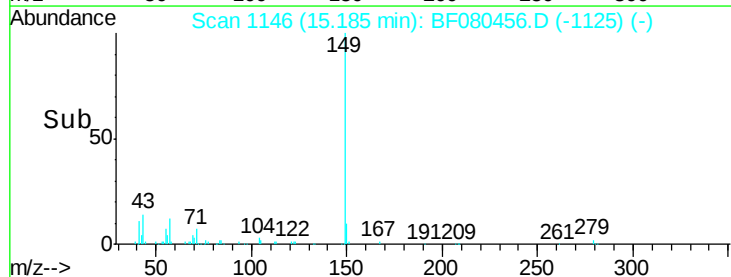
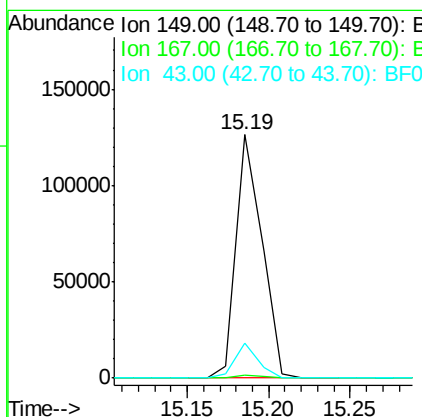
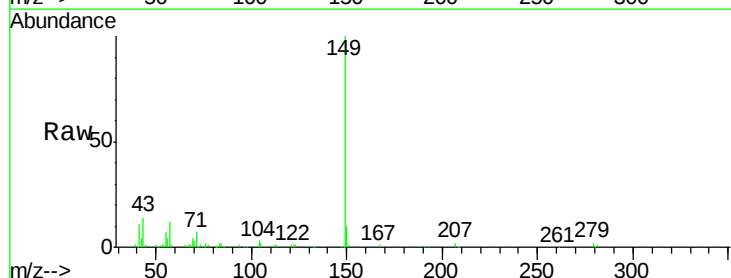
Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

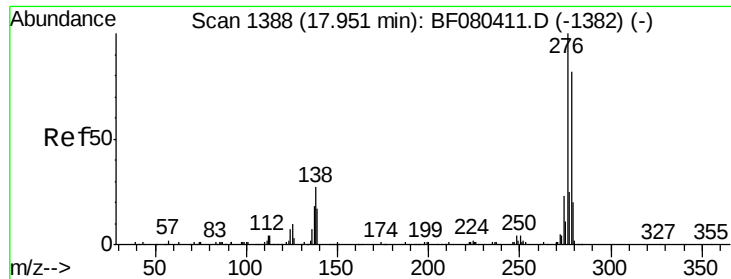
Tgt Ion:149 Resp: 78457
 Ion Ratio Lower Upper
 149 100
 167 25.8 22.5 33.7
 279 3.6 3.5 5.3



#84
 Di-n-octyl phthalate
 Concen: 28.99 ng
 RT: 15.19 min Scan# 1146
 Delta R.T. -0.06 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion:149 Resp: 138369
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 14.0 9.0 13.6#

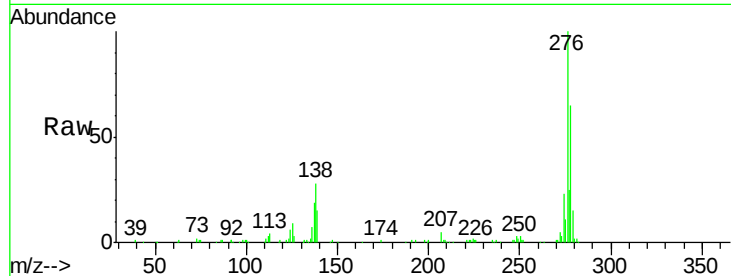




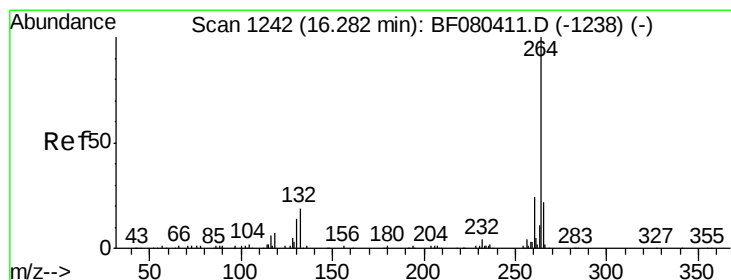
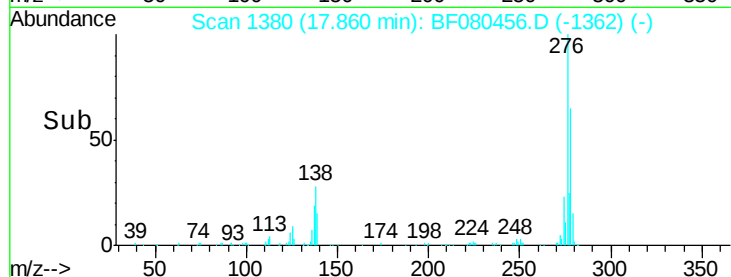
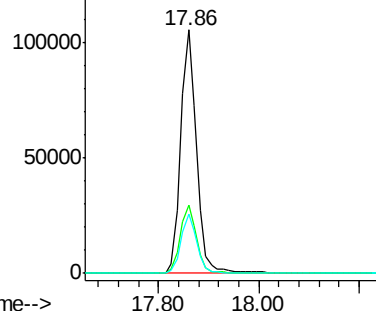
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.01 ng
 RT: 17.86 min Scan# 1380
 Delta R.T. -0.09 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.4	32.0
277	24.2	19.5	29.3

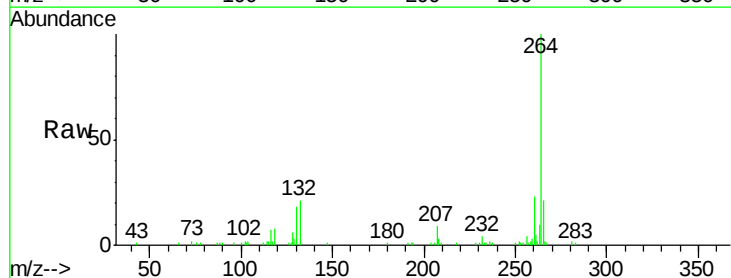


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

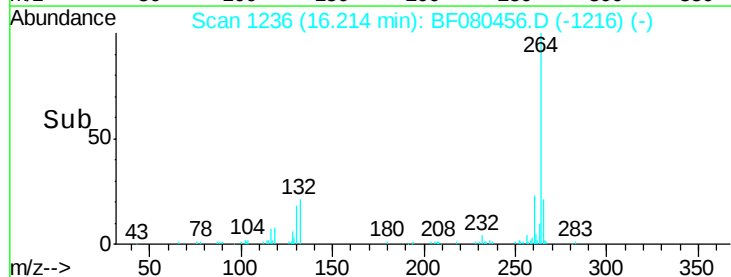
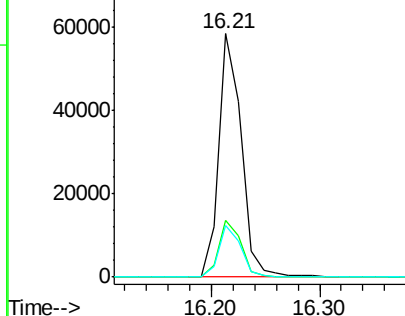


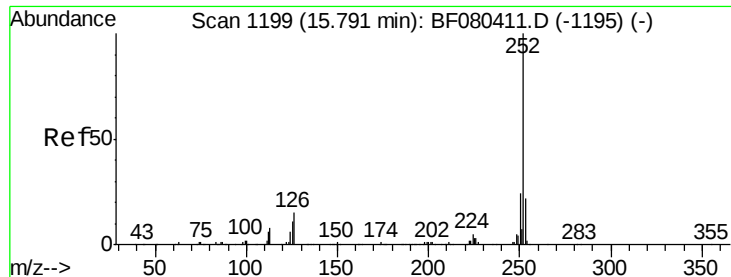
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.21 min Scan# 1236
 Delta R.T. -0.07 min
 Lab File: BF080456.D
 Acq: 14 Jul 2015 9:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.1	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

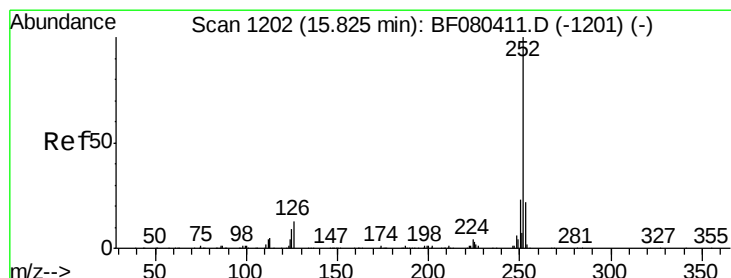
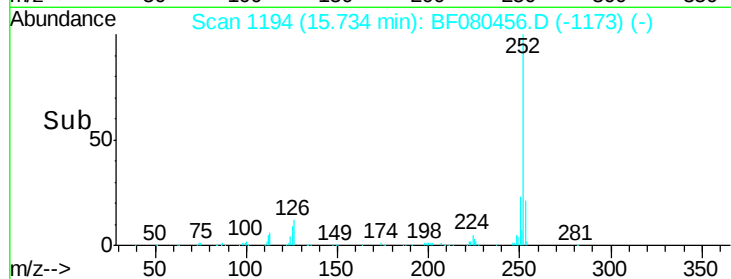
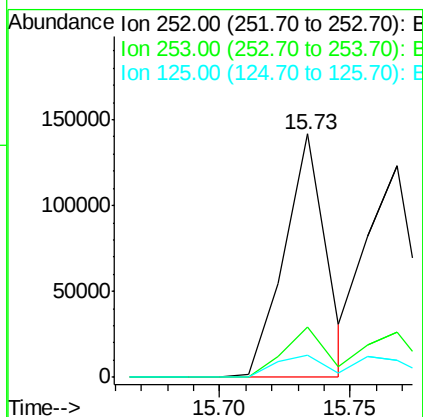
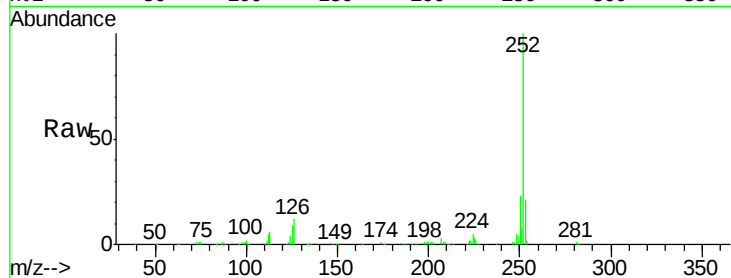




#87
Benzo(b)fluoranthene
Concen: 26.87 ng
RT: 15.73 min Scan# 1194
Delta R.T. -0.06 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

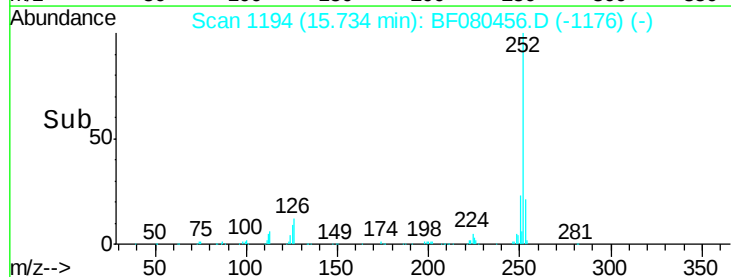
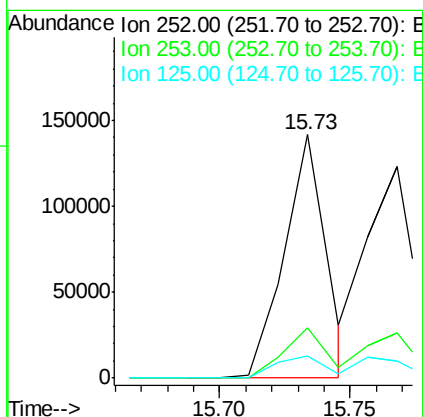
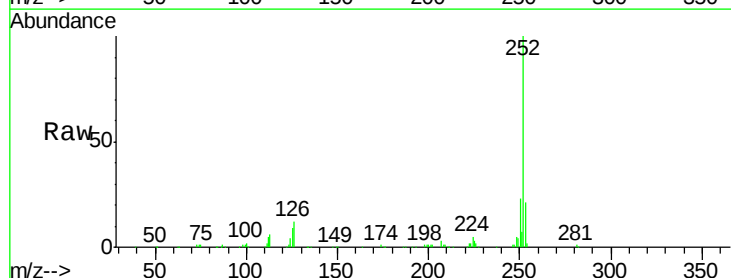
Instrument :
BNA_F
ClientSampleId :
PB84467BS

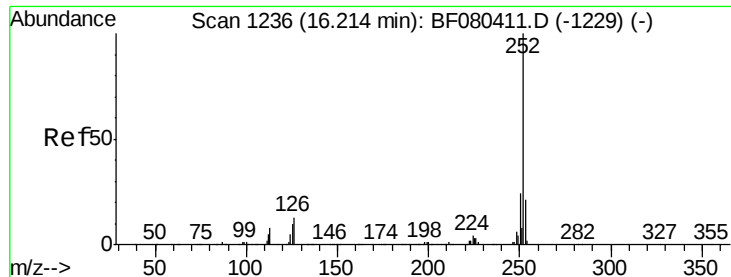
Tgt Ion: 252 Resp: 156571
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.8
125 8.9 8.6 12.8



#88
Benzo(k)fluoranthene
Concen: 32.86 ng
RT: 15.73 min Scan# 1194
Delta R.T. -0.09 min
Lab File: BF080456.D
Acq: 14 Jul 2015 9:02

Tgt Ion: 252 Resp: 156571
Ion Ratio Lower Upper
252 100
253 20.5 17.7 26.5
125 8.9 8.4 12.6





#89

Benzo(a)pyrene

Concen: 32.58 ng

RT: 16.15 min Scan# 1230

Delta R.T. -0.07 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

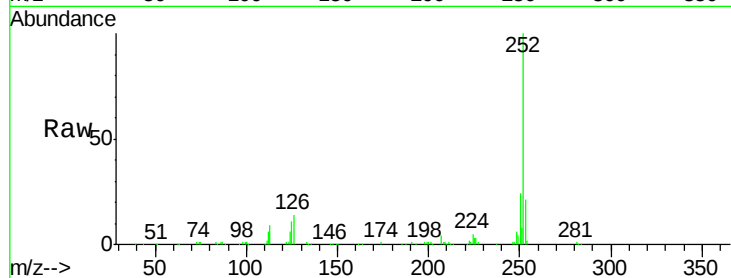
Tgt Ion: 252 Resp: 166361

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

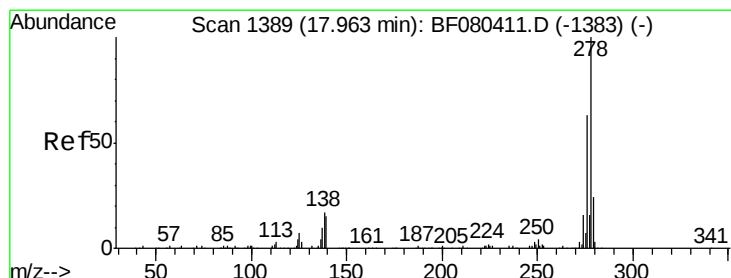
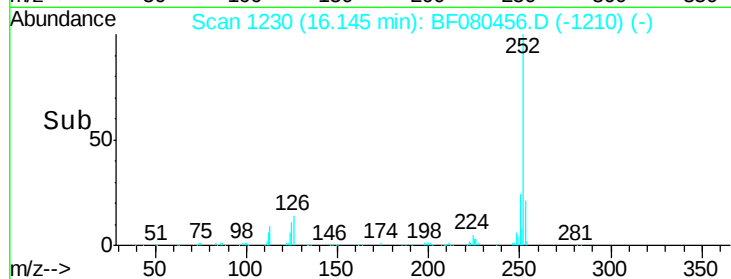
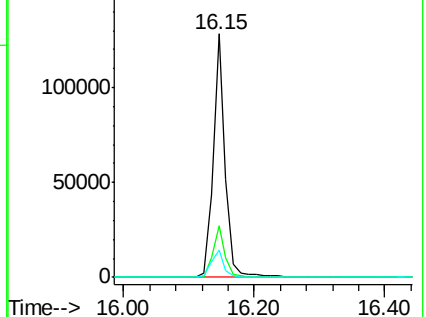
125 11.3 8.1 12.1



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: 37.38 ng

RT: 17.87 min Scan# 1381

Delta R.T. -0.09 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

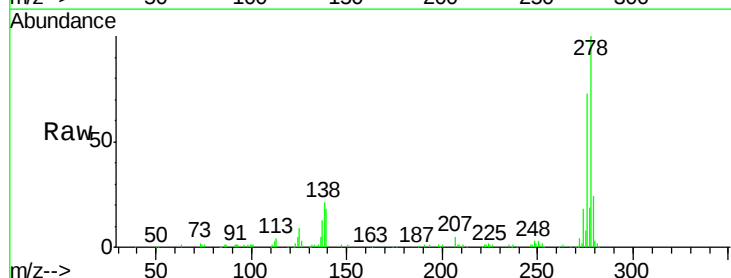
Tgt Ion: 278 Resp: 189017

Ion Ratio Lower Upper

278 100

139 18.0 11.8 17.8#

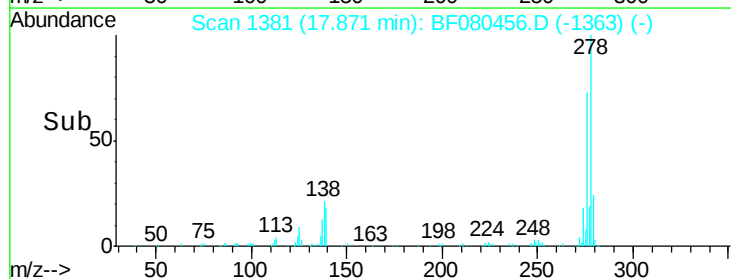
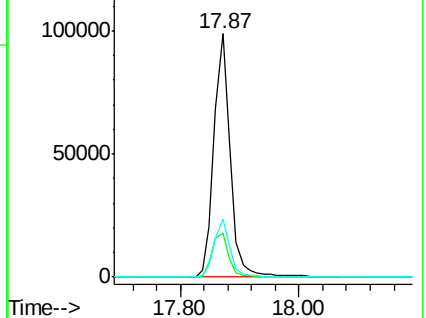
279 23.9 18.8 28.2

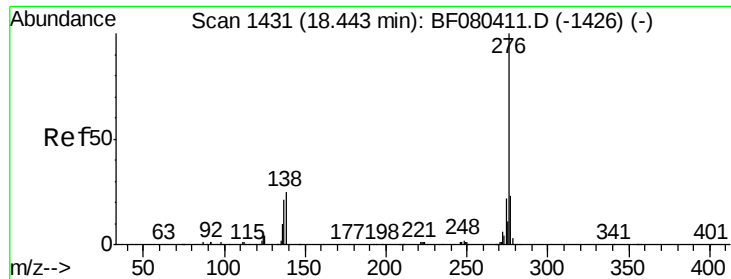


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.67 ng

RT: 18.36 min Scan# 1424

Delta R.T. -0.08 min

Lab File: BF080456.D

Acq: 14 Jul 2015 9:02

Instrument :

BNA_F

ClientSampleId :

PB84467BS

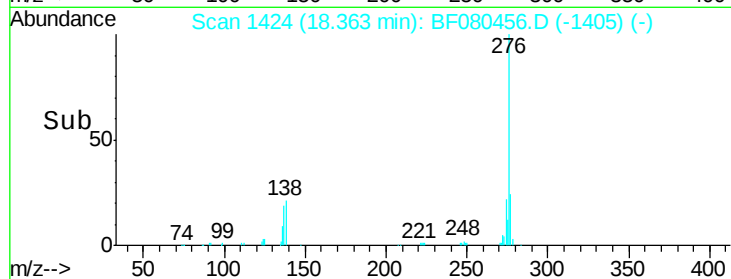
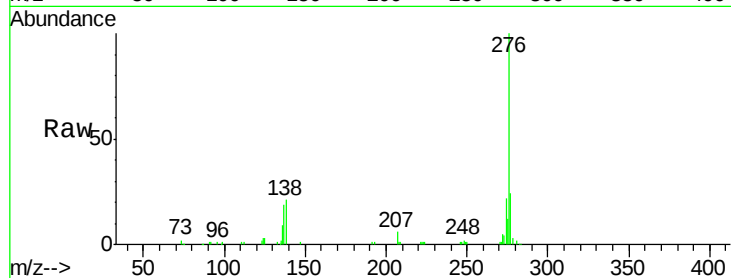
Tgt Ion: 276 Resp: 199296

Ion Ratio Lower Upper

276 100

277 23.6 18.2 27.4

138 21.5 20.3 30.5



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

