

Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080517.D
 Acq On : 16 Jul 2015 18:48
 Operator : TP/UM
 Sample : PB84482BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Quant Time: Jul 17 05:43:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 17:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	22029	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	92042	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	45273	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	82334	20.00	ng	0.00
75) Chrysene-d12	14.48	240	77816	20.00	ng	0.05
86) Perylene-d12	16.21	264	82571	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	142991	110.65	ng	0.00
7) Phenol-d6	6.72	99	187996	107.13	ng	0.00
23) Nitrobenzene-d5	7.64	82	114303	72.89	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	42900	121.79	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	241514	72.59	ng	0.00
78) Terphenyl-d14	13.25	244	253681	67.59	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	19634	30.77	ng	# 87
3) Pyridine	3.74	79	38506	28.95	ng	88
4) n-Nitrosodimethylamine	3.58	42	27806	34.42	ng	84
6) Aniline	6.75	93	54394	24.04	ng	# 85
8) 2-Chlorophenol	6.86	128	53418	36.86	ng	82
9) Benzaldehyde	6.62	77	20002	16.79	ng	# 63
10) Phenol	6.73	94	67922	35.98	ng	# 60
11) bis(2-Chloroethyl)ether	6.81	93	48070	34.98	ng	87
12) 1,3-Dichlorobenzene	7.01	146	62535	34.49	ng	# 92
13) 1,4-Dichlorobenzene	7.09	146	61370	32.73	ng	96
14) 1,2-Dichlorobenzene	7.25	146	55272	33.60	ng	98
15) Benzyl Alcohol	7.22	79	43837	35.79	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	7.34	45	90146	36.57	ng	61
17) 2-Methylphenol	7.33	107	42642	36.75	ng	# 75
18) Hexachloroethane	7.60	117	18384	32.78	ng	# 64
19) n-Nitroso-di-n-propylamine	7.47	70	36378	34.16	ng	# 87
20) 3+4-Methylphenols	7.49	107	57831	36.89	ng	# 79
22) Acetophenone	7.48	105	78101	38.34	ng	# 79
24) Nitrobenzene	7.66	77	56030	35.39	ng	# 74
25) Isophorone	7.89	82	100054	36.13	ng	# 92
26) 2-Nitrophenol	7.98	139	23845	34.71	ng	# 78
27) 2,4-Dimethylphenol	8.02	122	49481	37.29	ng	# 78
28) bis(2-Chloroethoxy)methane	8.10	93	64209	39.48	ng	# 92
29) 2,4-Dichlorophenol	8.22	162	48429	40.04	ng	97
30) 1,2,4-Trichlorobenzene	8.30	180	48582	34.99	ng	98
31) Naphthalene	8.38	128	164257	36.34	ng	99
32) Benzoic acid	8.11	122	24835	36.62	ng	# 65
33) 4-Chloroaniline	8.44	127	47671	27.13	ng	# 91
34) Hexachlorobutadiene	8.50	225	30198	37.56	ng	98
35) Caprolactam	8.78	113	10739	38.09	ng	87
36) 4-Chloro-3-methylphenol	8.92	107	50310	39.39	ng	# 80
37) 2-Methylnaphthalene	9.07	142	103750	38.40	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	50739	34.95	ng	97
40) Hexachlorocyclopentadiene	9.23	237	58336	81.87	ng	96

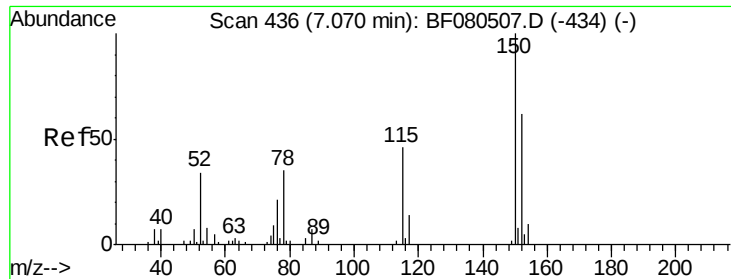
Data Path : Z:\HPCHEM1\BNA F\Data\BF071615\
 Data File : BF080517.D
 Acq On : 16 Jul 2015 18:48
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	34137	39.29	nq	98
43) 2,4,5-Trichlorophenol	9.40	196	34526	37.33	nq	97
45) 1,1'-Biphenyl	9.54	154	131250	35.47	nq	95
46) 2-Chloronaphthalene	9.56	162	97428	35.15	nq #	91
47) 2-Nitroaniline	9.66	65	27681	38.76	nq #	54
48) Acenaphthylene	9.98	152	164573	35.45	nq	97
49) Dimethylphthalate	9.84	163	120485	38.80	nq #	97
50) 2,6-Dinitrotoluene	9.90	165	22146	36.45	nq #	91
51) Acenaphthene	10.16	154	110522	40.29	nq	89
52) 3-Nitroaniline	10.08	138	20391	30.38	nq #	35
53) 2,4-Dinitrophenol	10.18	184	24150	75.04	nq #	61
54) Dibenzofuran	10.33	168	147960	37.31	nq	92
55) 4-Nitrophenol	10.25	139	39983	82.71	nq #	29
56) 2,4-Dinitrotoluene	10.30	165	35102	39.86	nq #	83
57) Fluorene	10.67	166	118142	37.95	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.45	232	25359	37.57	nq	98
59) Diethylphthalate	10.53	149	110952	37.89	nq	97
60) 4-Chlorophenyl-phenylether	10.66	204	51380	36.87	nq	94
61) 4-Nitroaniline	10.69	138	25569	38.48	nq #	39
62) Azobenzene	10.82	77	121892	39.62	nq	97
64) 4,6-Dinitro-2-methylphenol	10.72	198	13985	34.85	nq #	70
65) n-Nitrosodiphenylamine	10.77	169	104751	37.41	nq	91
66) 4-Bromophenyl-phenylether	11.15	248	28595	35.66	nq #	84
67) Hexachlorobenzene	11.22	284	34031	38.38	nq #	91
68) Atrazine	11.30	200	28169	37.15	nq	84
69) Pentachlorophenol	11.41	266	30743	65.80	nq	97
70) Phenanthrene	11.63	178	166033	35.81	nq	97
71) Anthracene	11.69	178	177916	40.47	nq	98
72) Carbazole	11.85	167	158108	41.00	nq	97
73) Di-n-butylphthalate	12.16	149	164903	36.49	nq #	98
74) Fluoranthene	12.86	202	164812	37.96	nq	87
76) Benzidine	12.99	184	85590	33.40	nq	98
77) Pyrene	13.10	202	177993	35.08	nq	96
79) Butylbenzylphthalate	13.78	149	68848	37.89	nq	90
80) Benzo(a)anthracene	14.47	228	167206	38.29	nq	98
81) 3,3'-Dichlorobenzidine	14.42	252	41805	29.28	nq #	95
82) Chrysene	14.50	228	156172	36.77	nq	95
83) Bis(2-ethylhexyl)phthalate	14.43	149	101989	38.39	nq #	89
84) Di-n-octyl phthalate	15.20	149	157905	37.14	nq	99
85) Indeno(1,2,3-cd)pyrene	17.81	276	217071	42.80	nq #	93
87) Benzo(b)fluoranthene	15.75	252	172647	36.13	nq #	85
88) Benzo(k)fluoranthene	15.75	252	172647	35.54	nq #	87
89) Benzo(a)pyrene	16.15	252	172180	38.53	nq #	87
90) Dibenzo(a,h)anthracene	17.83	278	177630	36.11	nq #	86
91) Benzo(g,h,i)perylene	18.29	276	182391	35.71	nq #	84

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

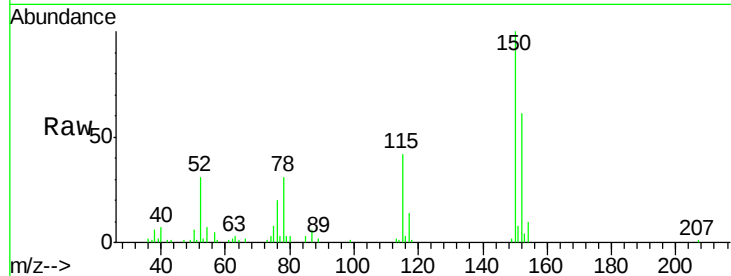


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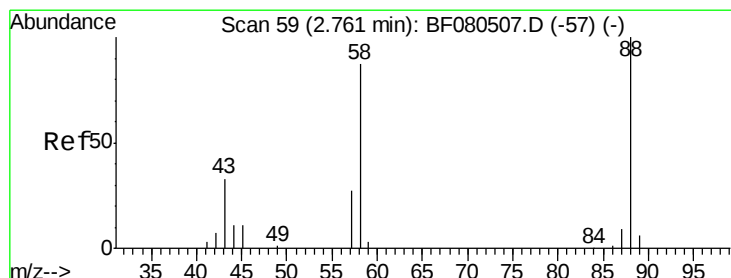
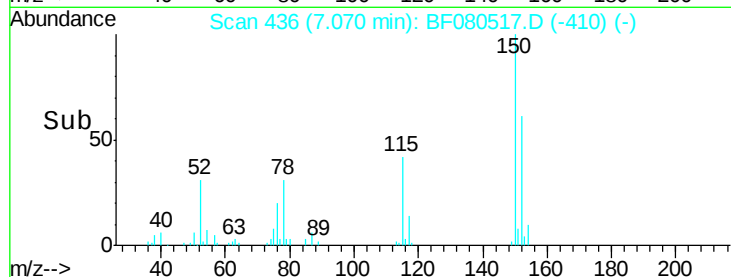
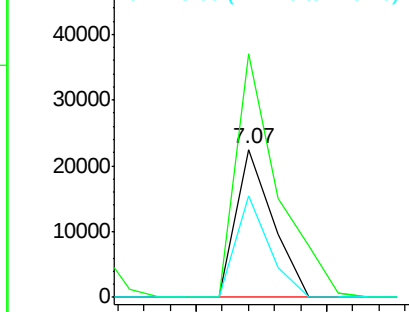
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Concen: 20.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:152 Resp: 22029
Ion Ratio Lower Upper
152 100
150 164.9 124.7 187.1
115 69.1 39.0 58.4#



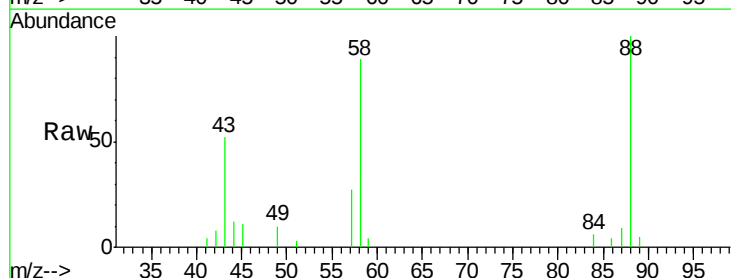
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



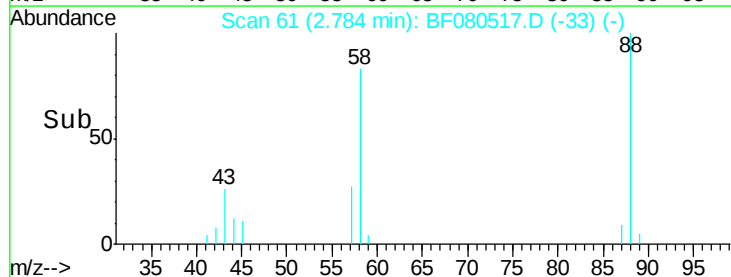
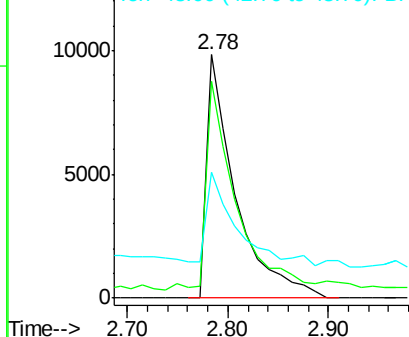
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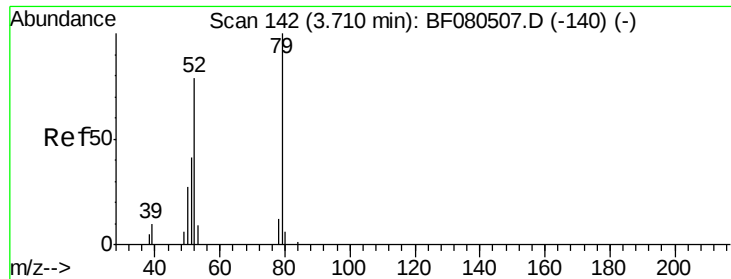
1,4-Dioxane
Concen: 30.77 ng
RT: 2.78 min Scan# 61
Delta R.T. 0.02 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion: 88 Resp: 19634
Ion Ratio Lower Upper
88 100
58 86.2 77.7 116.5
43 44.2 26.6 40.0#



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

Pvrindine

Concen: 28.95 ng

RT: 3.74 min Scan# 145

Delta R.T. 0.04 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

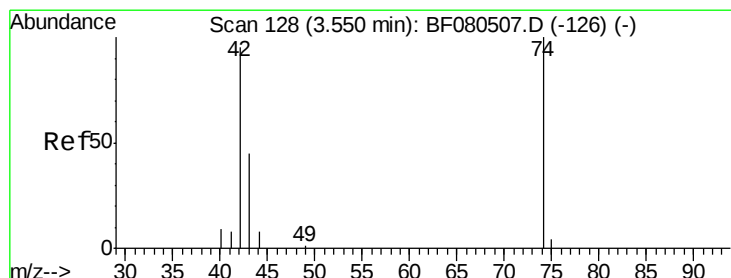
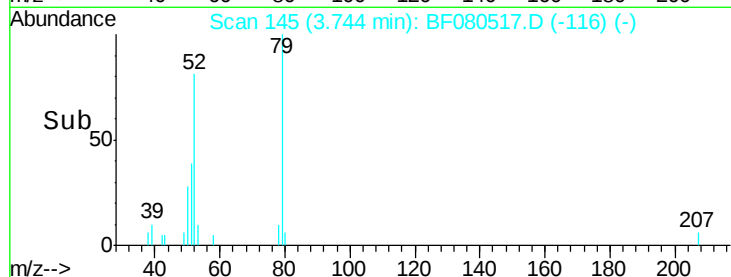
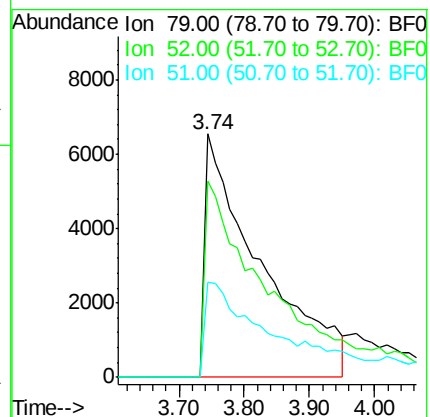
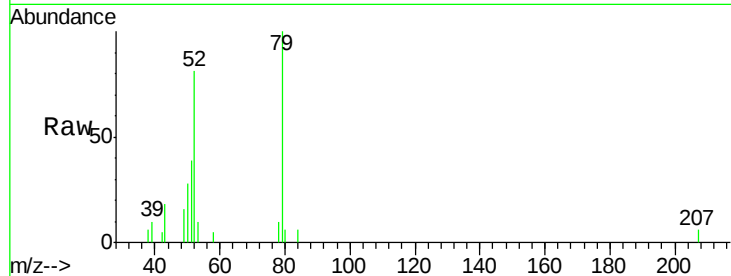
Tot Ion: 79 Resp: 38506

Ion Ratio Lower Upper

79 100

52 80.5 76.8 115.2

51 39.1 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.42 ng

RT: 3.58 min Scan# 131

Delta R.T. 0.03 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

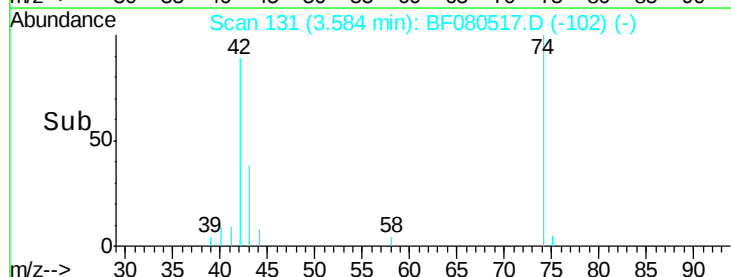
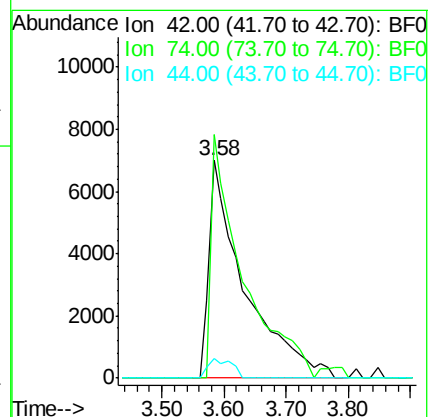
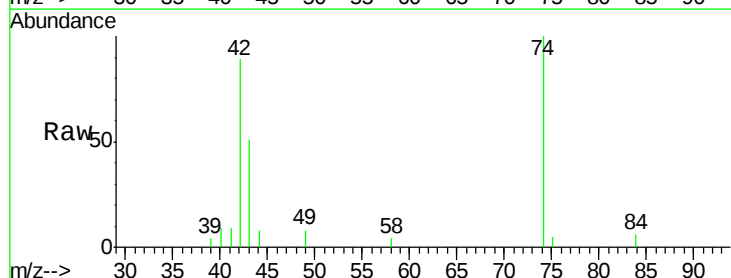
Tgt Ion: 42 Resp: 27806

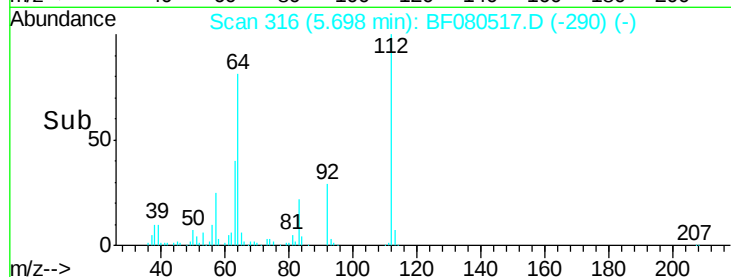
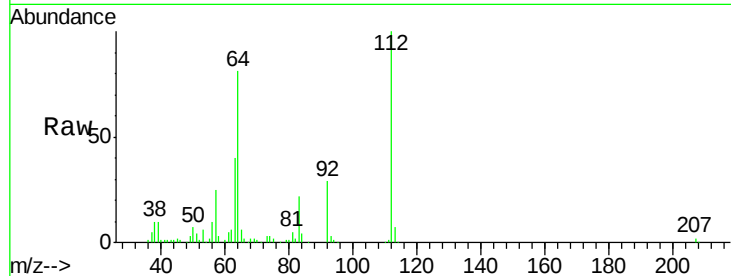
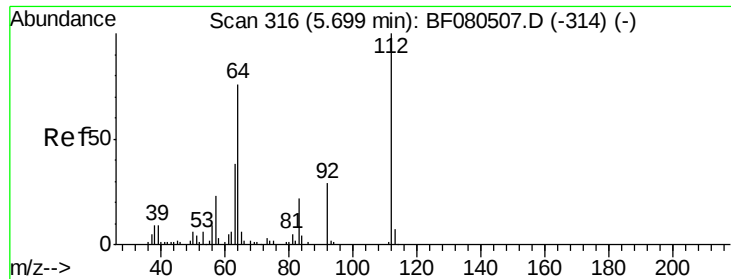
Ion Ratio Lower Upper

42 100

74 111.7 105.0 157.6

44 9.2 6.6 10.0

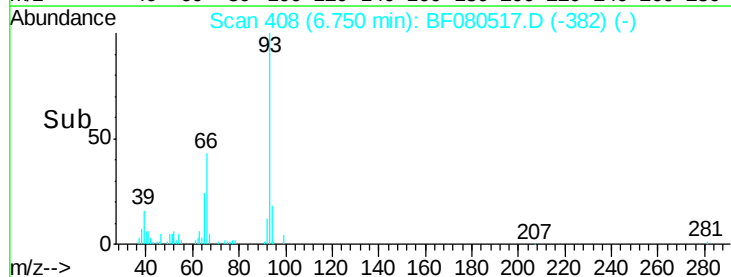
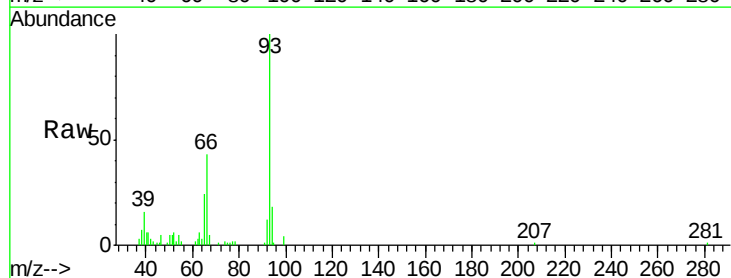
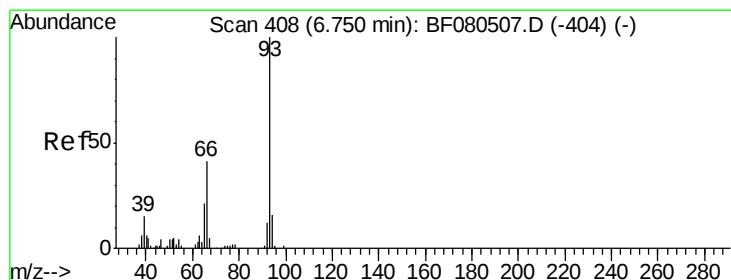
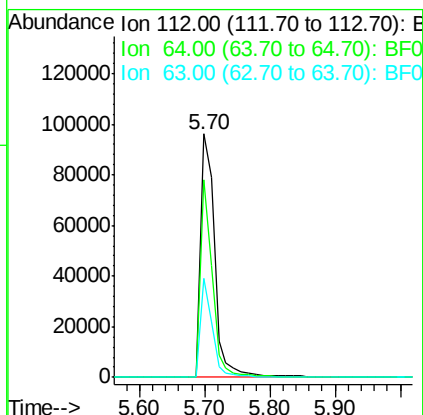




#5
2-Fluorophenol
Concen: 110.65 ng
RT: 5.70 min Scan# 316
Delta R.T. 0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

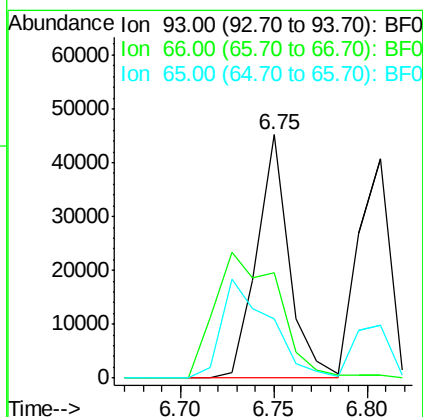
Instrument :
BNA_F
ClientSampleId :
PB84482BS

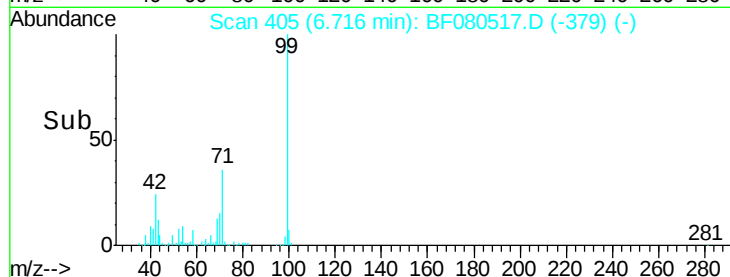
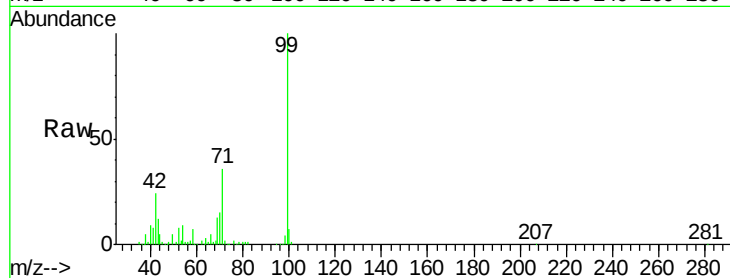
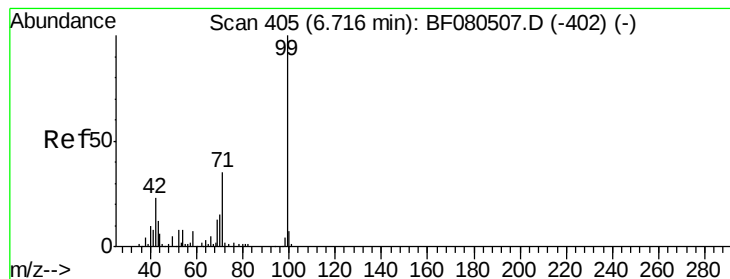
Tot Ion:112 Resp: 142991
Ion Ratio Lower Upper
112 100
64 81.2 39.7 59.5#
63 40.4 17.4 26.0#



#6
Aniline
Concen: 24.04 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion: 93 Resp: 54394
Ion Ratio Lower Upper
93 100
66 43.1 27.2 40.8#
65 24.3 14.7 22.1#





#7

Phenol-d6

Concen: 107.13 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

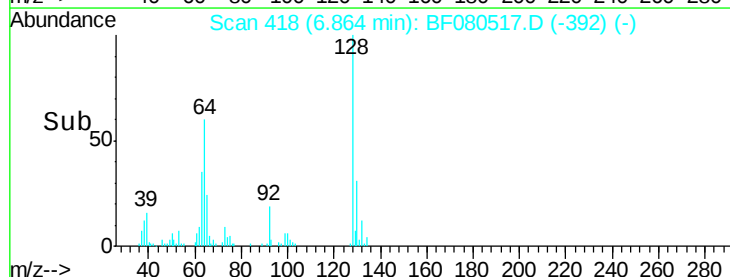
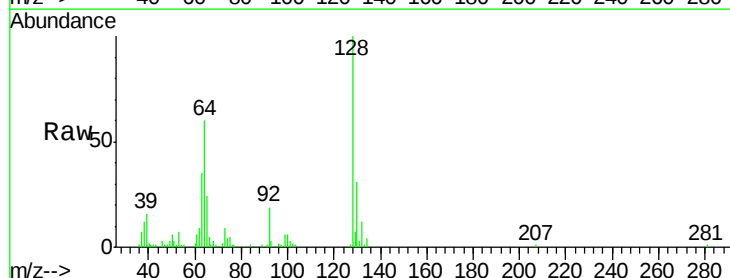
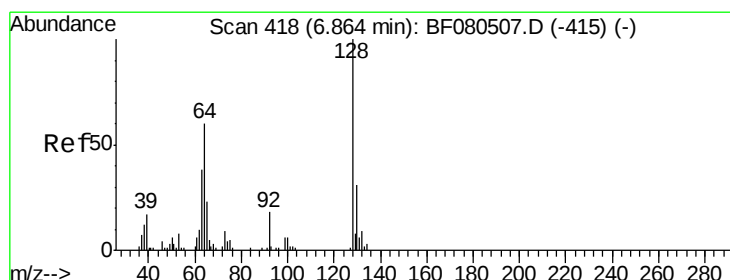
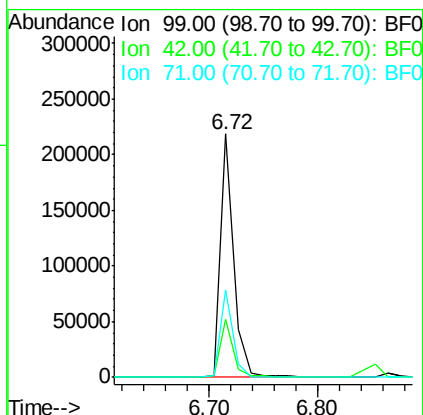
Tot Ion: 99 Resp: 187996

Ion Ratio Lower Upper

99 100

42 23.8 13.7 20.5#

71 36.0 14.2 21.2#



#8

2-Chlorophenol

Concen: 36.86 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

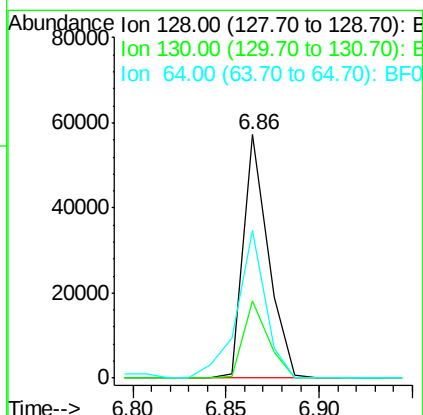
Tgt Ion:128 Resp: 53418

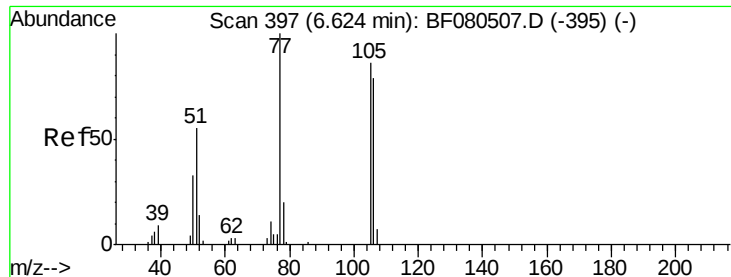
Ion Ratio Lower Upper

128 100

130 31.5 12.2 52.2

64 60.5 20.5 60.5





#9

Benzaldehyde

Concen: 16.79 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

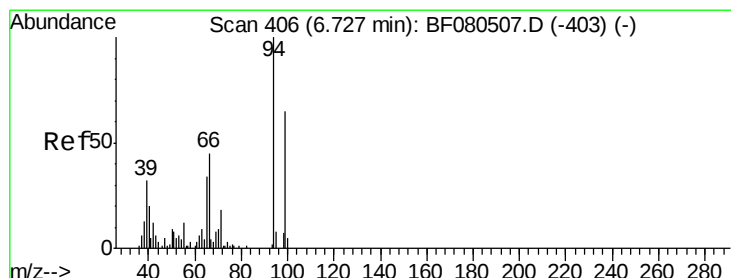
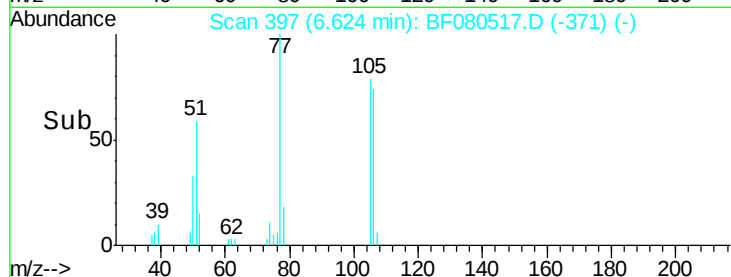
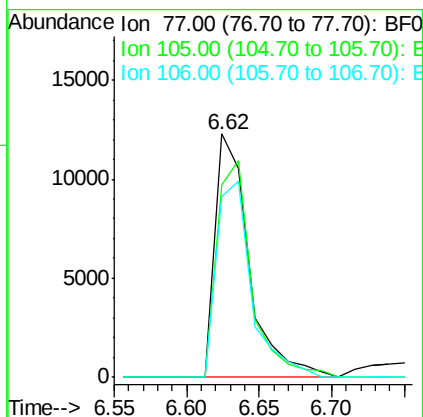
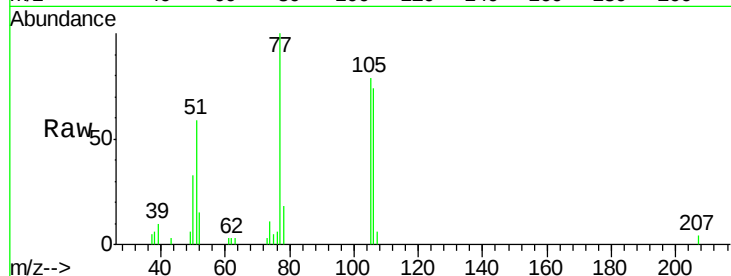
Tot Ion: 77 Resp: 20002

Ion Ratio Lower Upper

77 100

105 79.0 91.6 131.6#

106 74.1 102.6 142.6#



#10

Phenol

Concen: 35.98 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

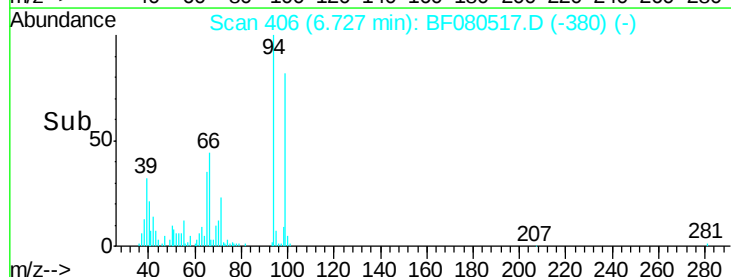
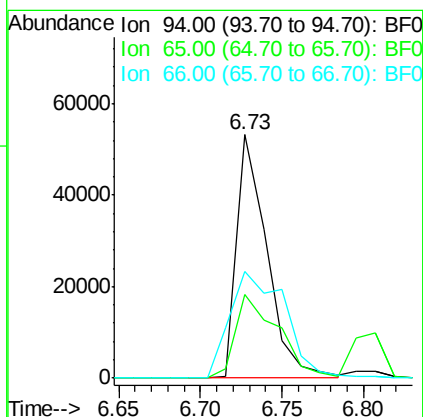
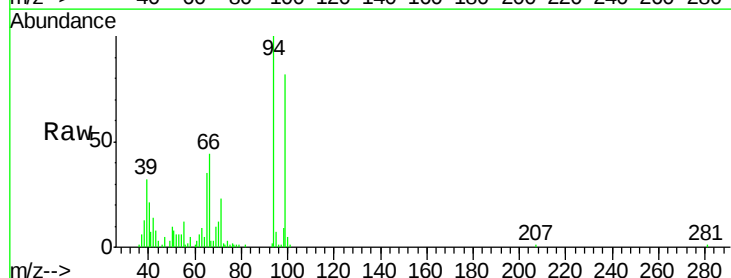
Tgt Ion: 94 Resp: 67922

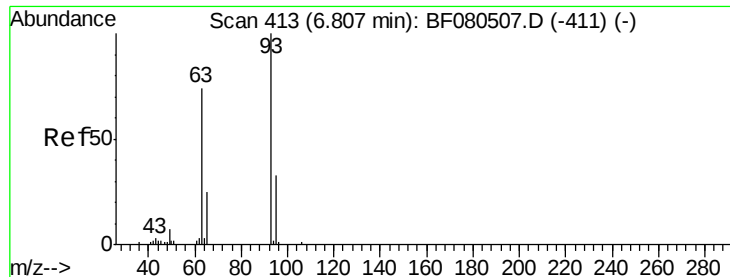
Ion Ratio Lower Upper

94 100

65 34.6 0.7 40.7

66 44.0 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 34.98 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

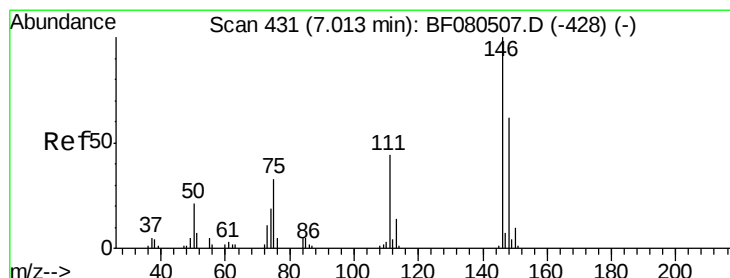
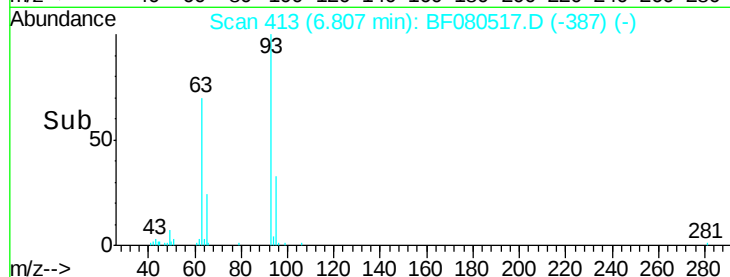
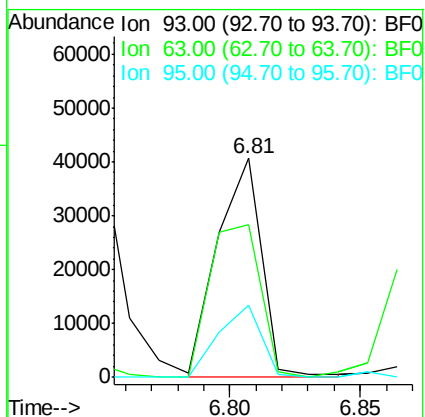
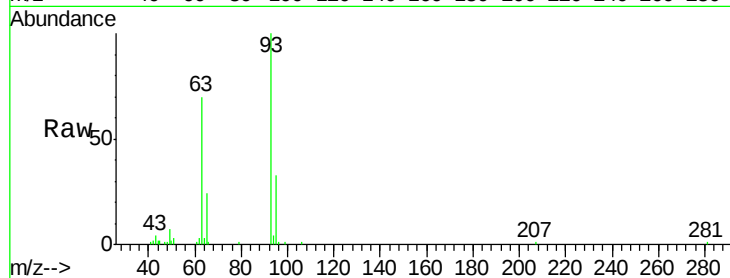
Tot Ion: 93 Resp: 48070

Ion Ratio Lower Upper

93 100

63 69.8 65.6 105.6

95 33.2 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 34.49 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

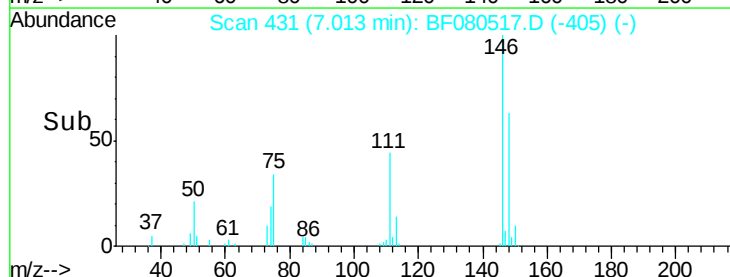
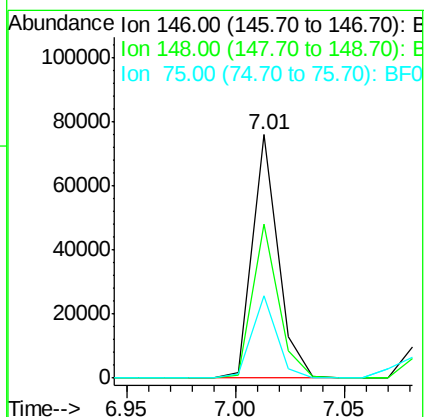
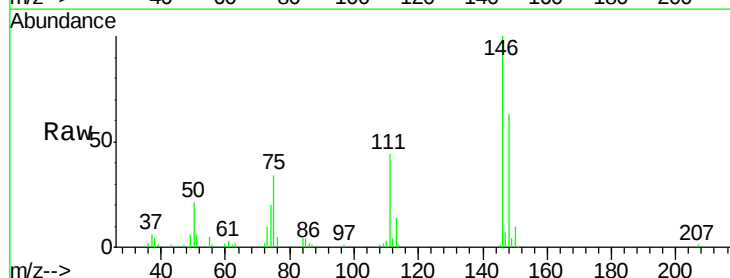
Tgt Ion: 146 Resp: 62535

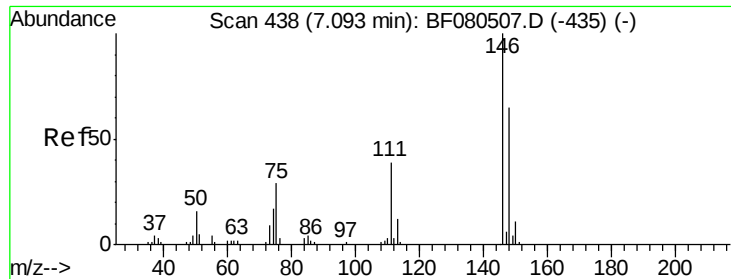
Ion Ratio Lower Upper

146 100

148 63.5 51.0 76.4

75 33.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 32.73 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

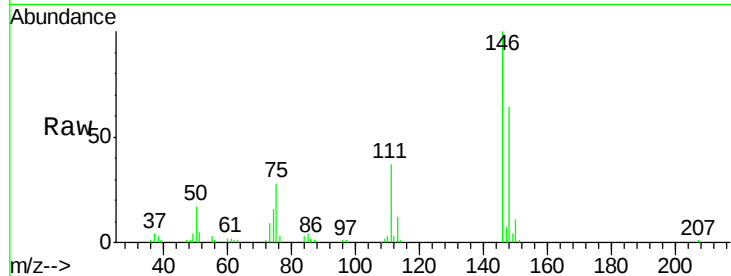
Tot Ion:146 Resp: 61370

Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

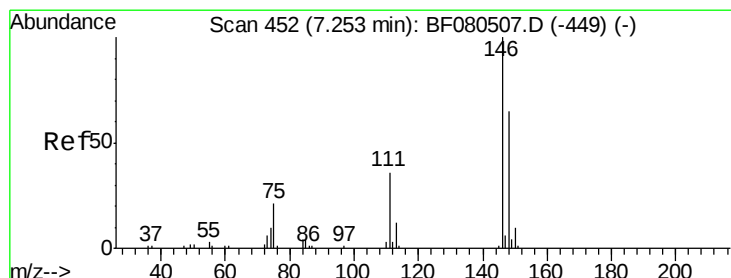
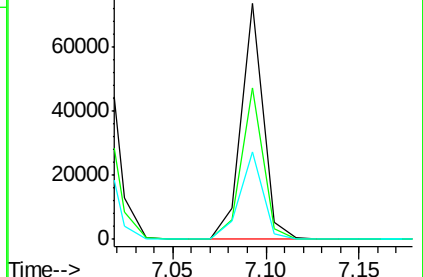
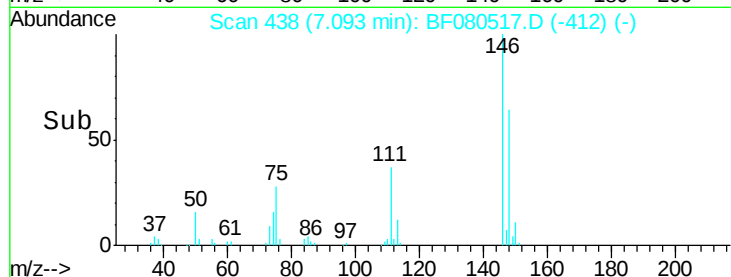
111 37.0 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.60 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

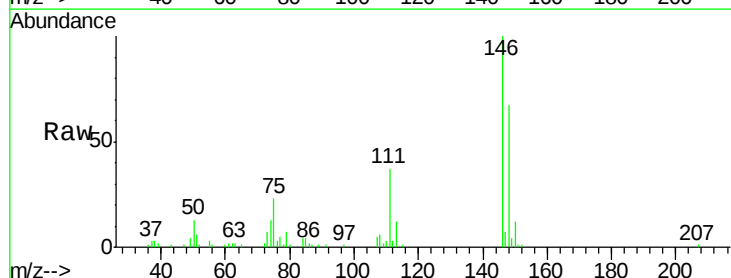
Tgt Ion:146 Resp: 55272

Ion Ratio Lower Upper

146 100

148 67.2 52.7 79.1

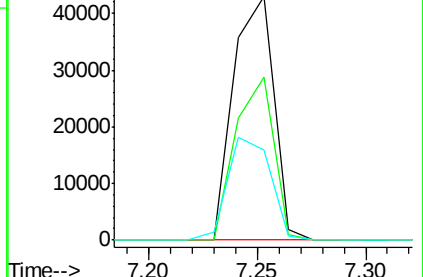
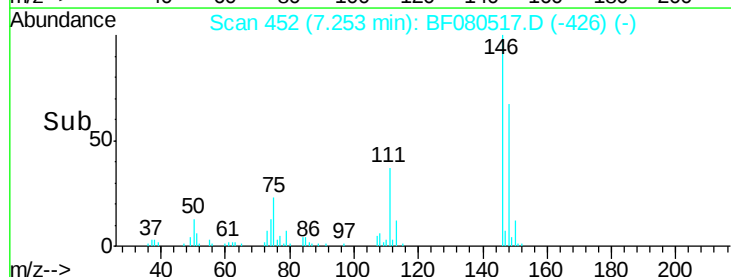
111 37.2 28.8 43.2

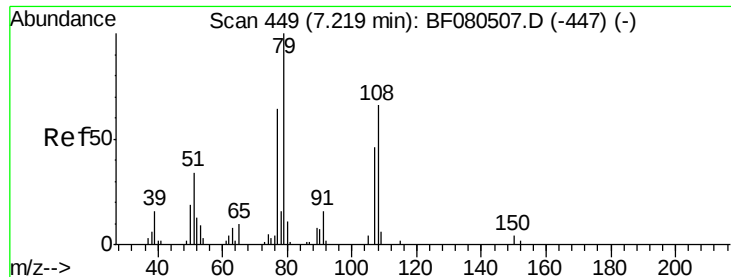


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.79 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

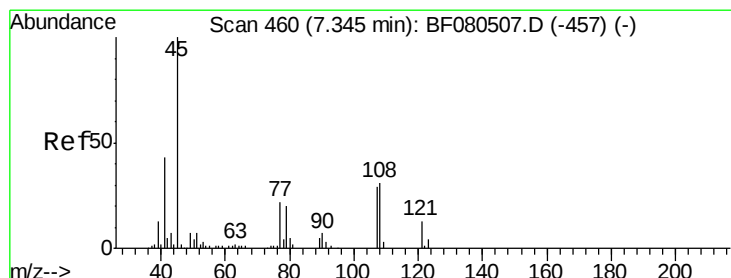
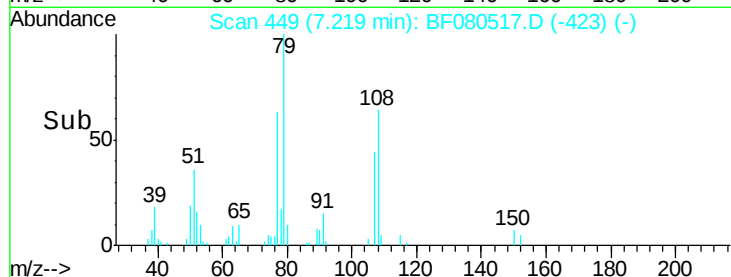
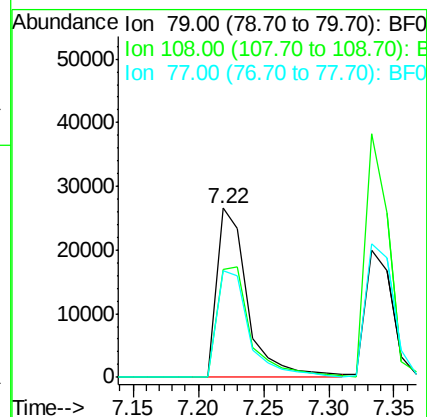
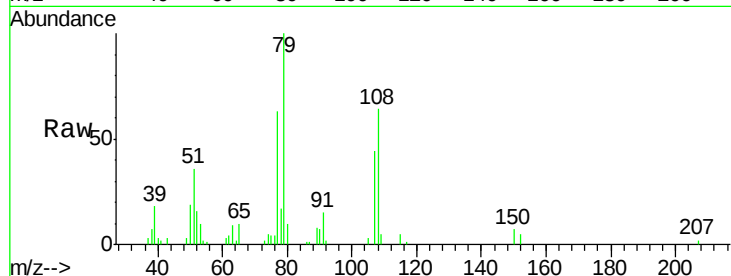
Tot Ion: 79 Resp: 43837

Ion Ratio Lower Upper

79 100

108 63.9 88.6 132.8#

77 62.8 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.57 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

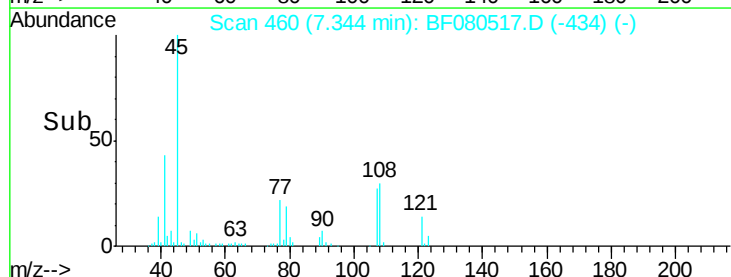
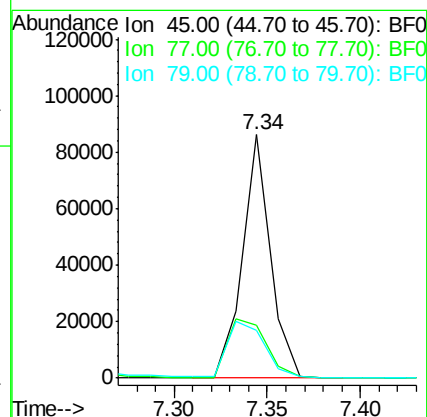
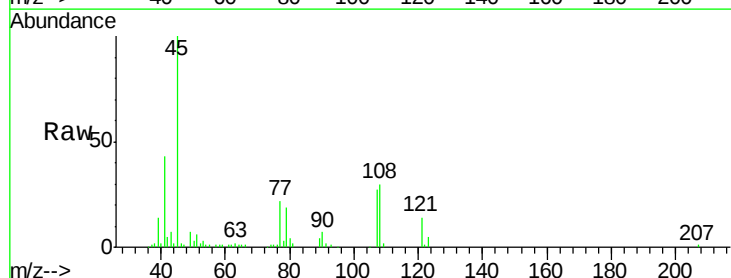
Tgt Ion: 45 Resp: 90146

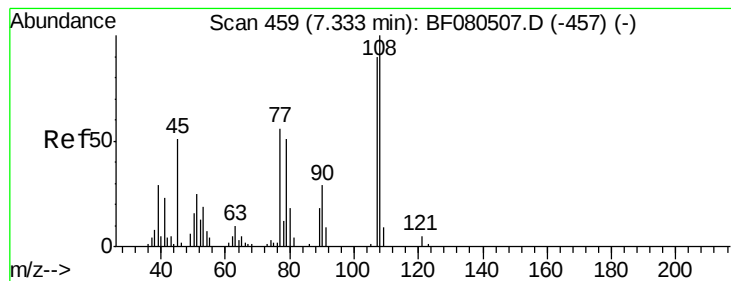
Ion Ratio Lower Upper

45 100

77 21.7 0.0 28.1

79 19.4 0.0 26.0

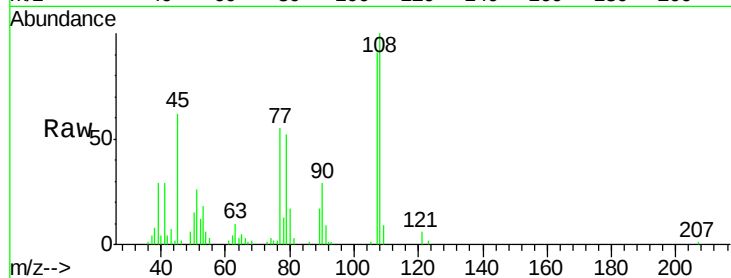




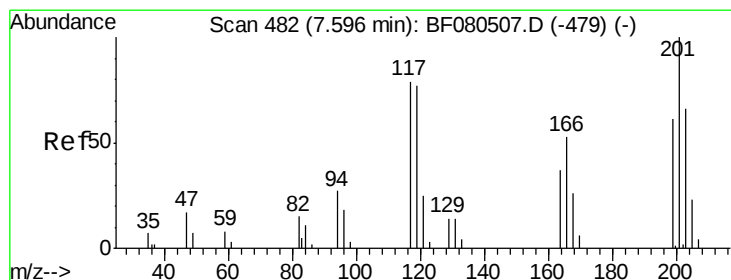
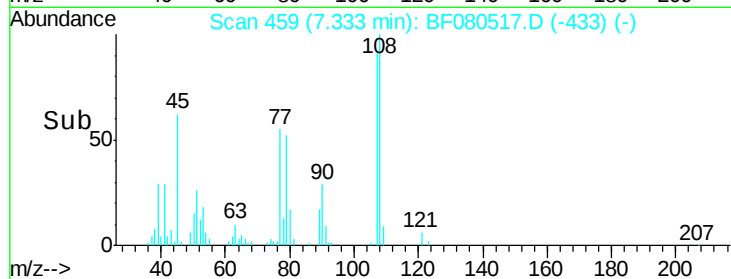
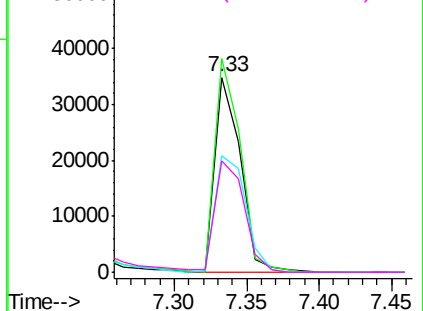
#17
2-Methylphenol
Concen: 36.75 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:107 Resp: 42642
Ion Ratio Lower Upper
107 100
108 109.8 96.6 145.0
77 59.9 23.3 34.9#
79 57.3 22.0 33.0#

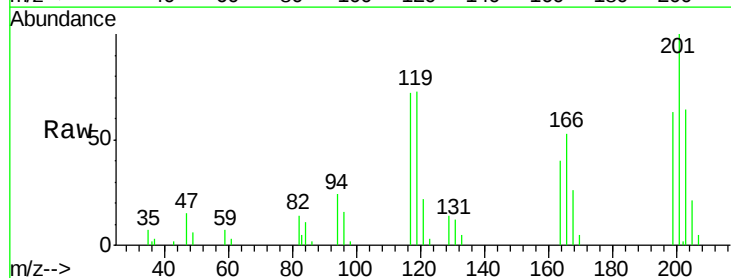


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

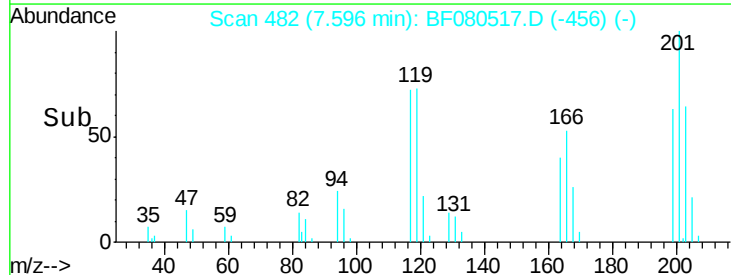
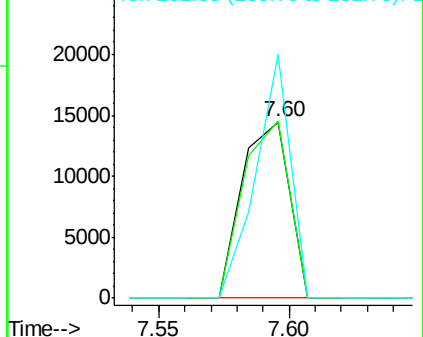


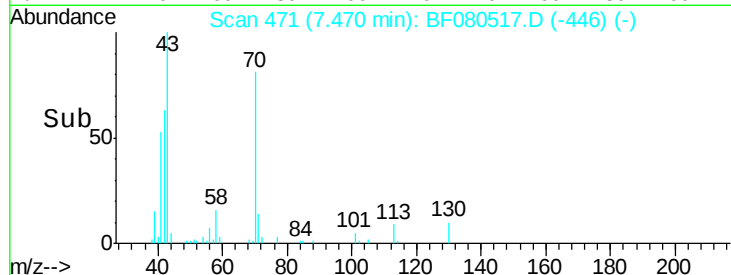
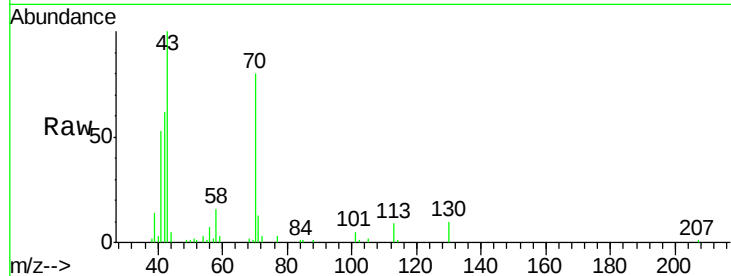
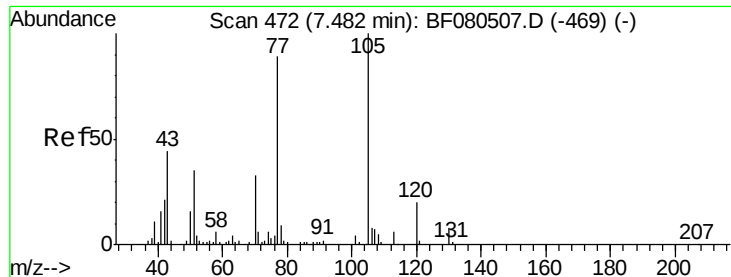
#18
Hexachloroethane
Concen: 32.78 ng
RT: 7.60 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:117 Resp: 18384
Ion Ratio Lower Upper
117 100
119 100.4 83.8 125.6
201 138.5 55.1 82.7#



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

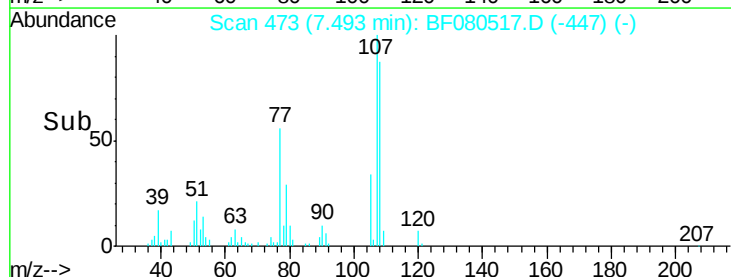
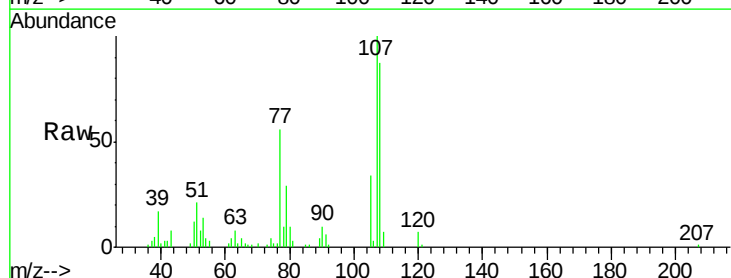
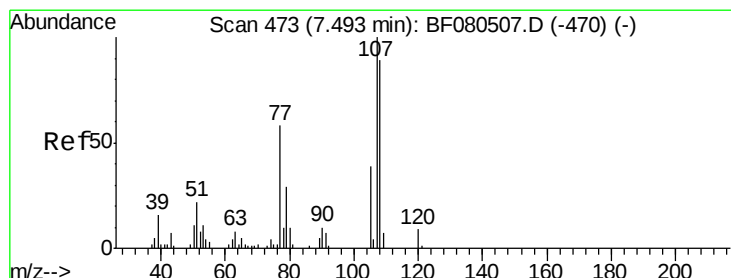
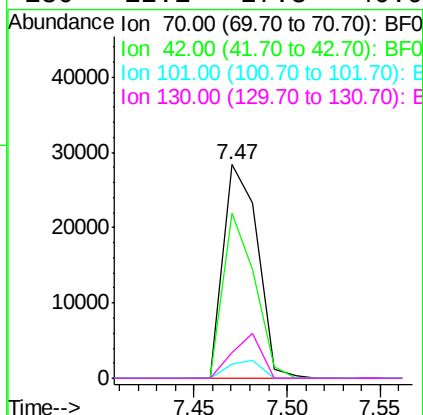




#19
n-Nitroso-di-n-propylamine
Concen: 34.16 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

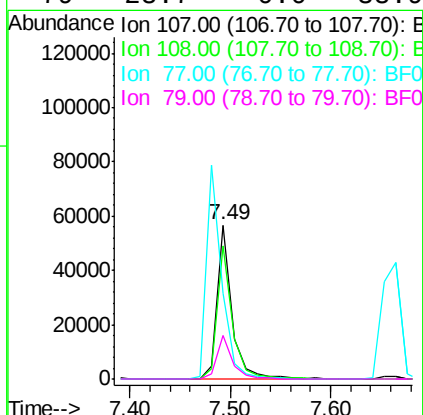
Instrument :
BNA_F
ClientSampleId :
PB84482BS

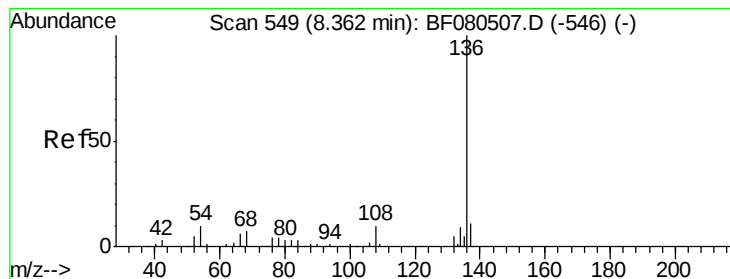
Tot Ion: 70 Resp: 36378
Ion Ratio Lower Upper
70 100
42 77.3 63.8 95.6
101 6.8 9.2 13.8#
130 12.1 27.3 40.9#



#20
3+4-Methylphenols
Concen: 36.89 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion: 107 Resp: 57831
Ion Ratio Lower Upper
107 100
108 86.6 74.6 114.6
77 56.0 0.7 40.7#
79 28.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.36 min Scan# 549

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

Tot Ion:136 Resp: 92042

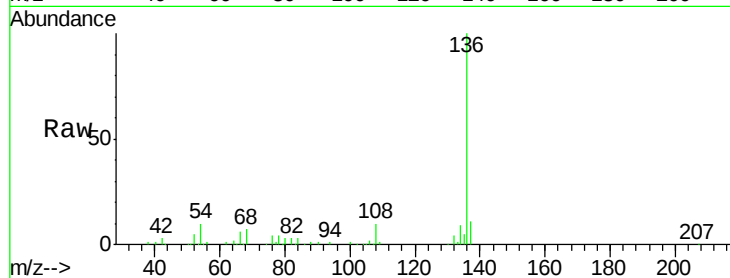
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 9.7 8.2 12.2

68 6.9 5.8 8.6

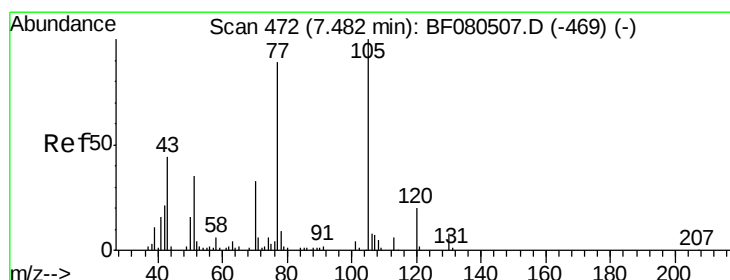
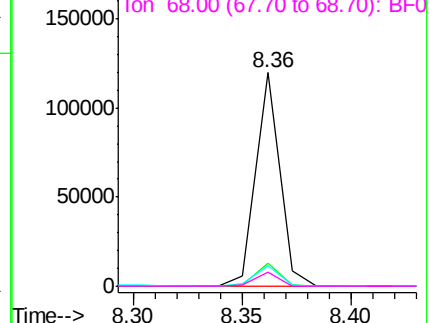
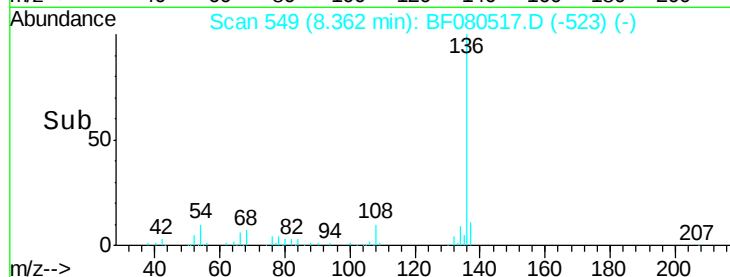


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.34 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Tgt Ion:105 Resp: 78101

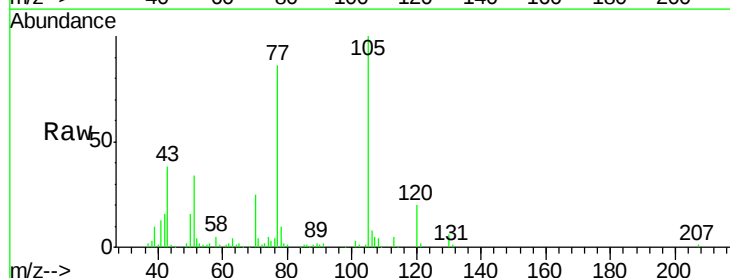
Ion Ratio Lower Upper

105 100

71 4.3 4.7 7.1#

51 34.2 22.0 33.0#

120 19.9 30.1 45.1#

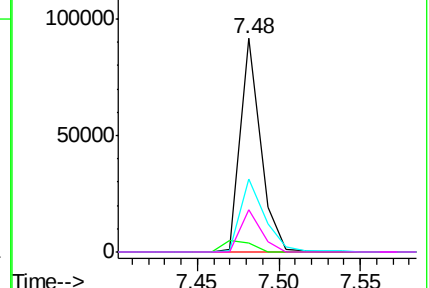
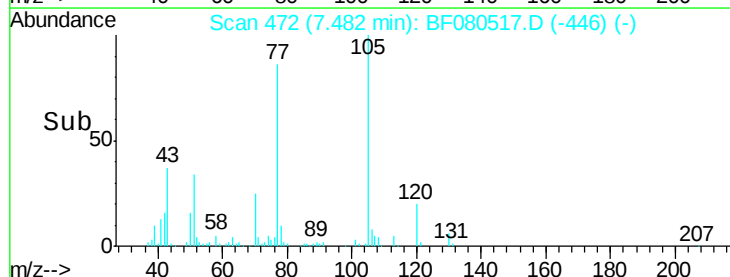


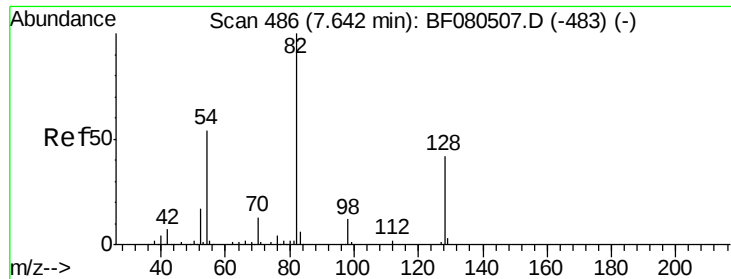
Abundance Ion 105.00 (104.70 to 105.70): E

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

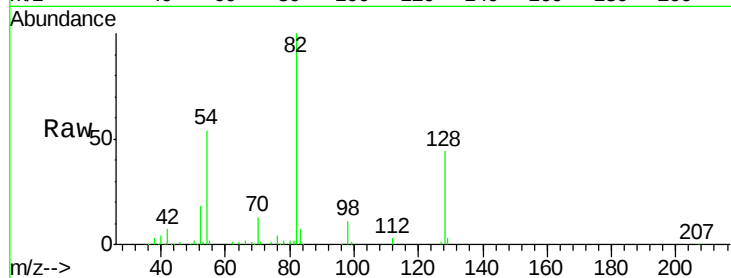




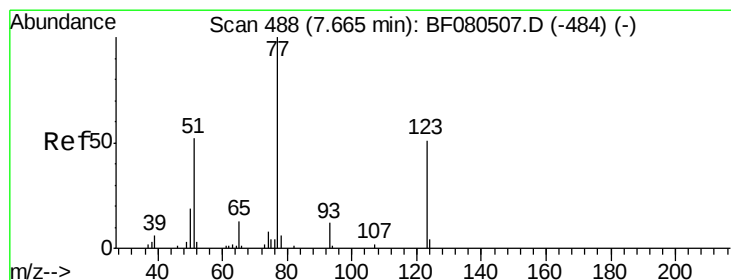
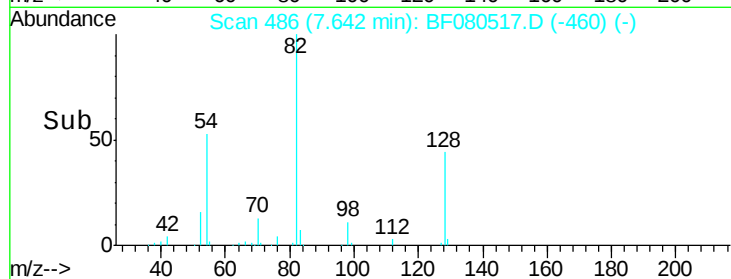
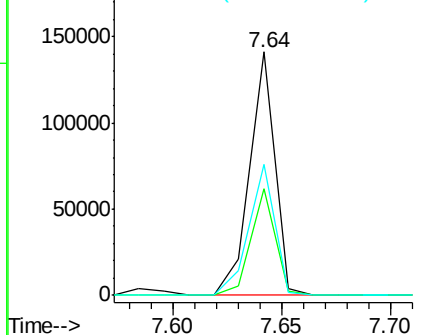
#23
 Nitrobenzene-d5
 Concen: 72.89 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleID :
 PB84482BS

Tot Ion	82	Resp	114303
Ion Ratio	Lower	Upper	
82	100		
128	43.6	51.0	76.6#
54	53.6	47.5	71.3

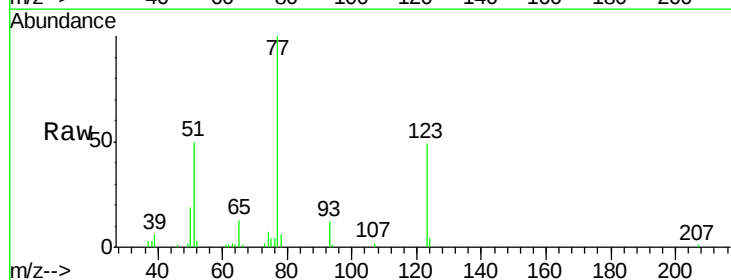


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

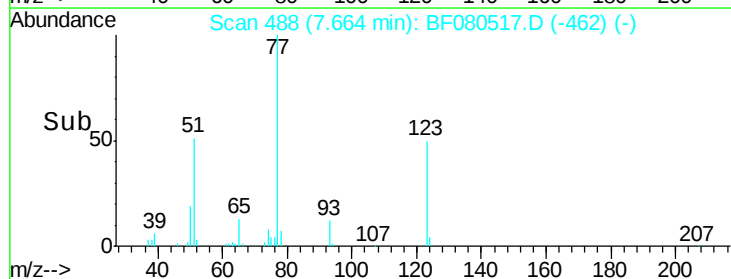
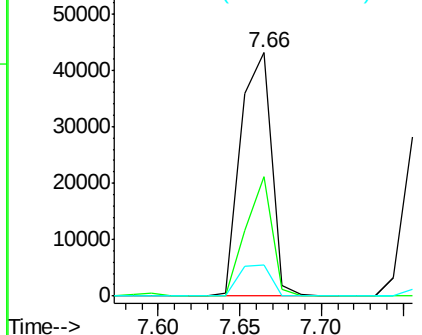


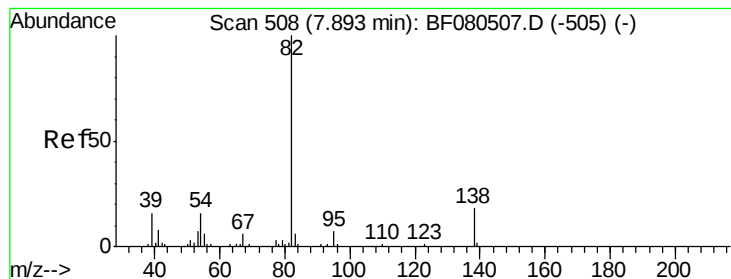
#24
 Nitrobenzene
 Concen: 35.39 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion	77	Resp	56030
Ion Ratio	Lower	Upper	
77	100		
123	49.1	59.8	89.8#
65	12.6	10.2	15.4



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





#25

Isophorone

Concen: 36.13 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

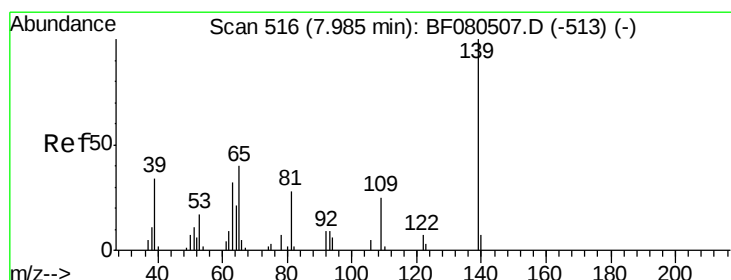
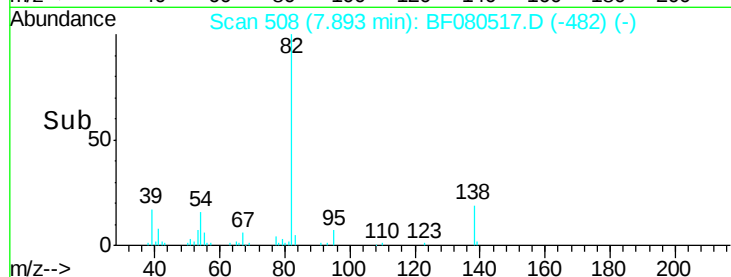
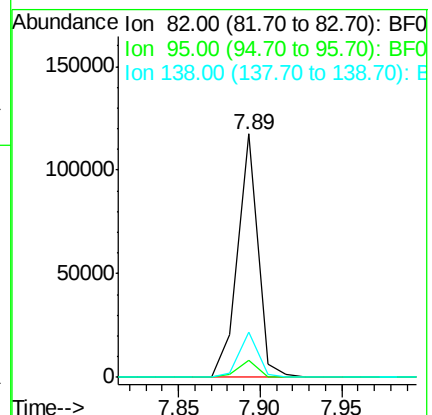
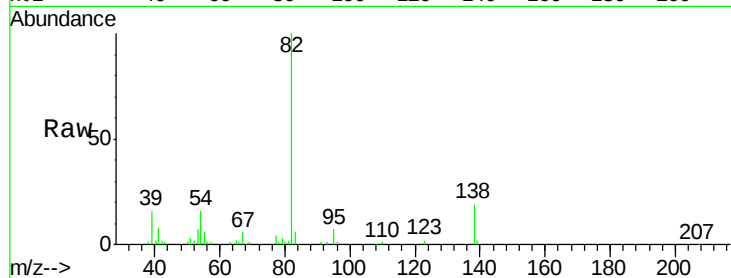
Tot Ion: 82 Resp: 100054

Ion Ratio Lower Upper

82 100

95 7.0 4.0 6.0#

138 18.6 18.3 27.5



#26

2-Nitrophenol

Concen: 34.71 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

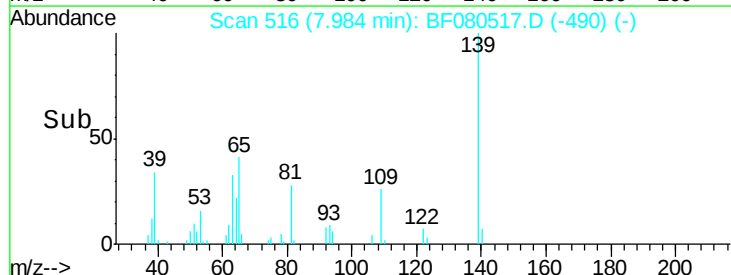
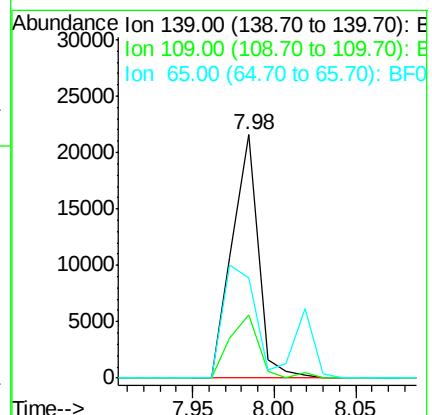
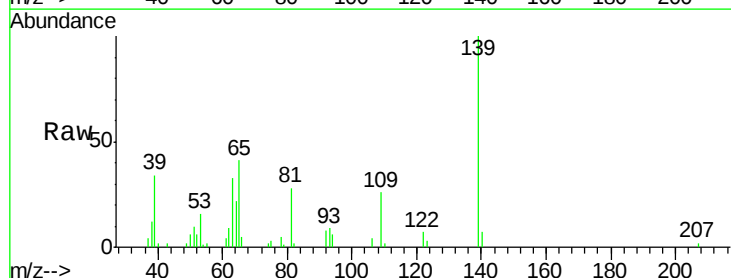
Tgt Ion: 139 Resp: 23845

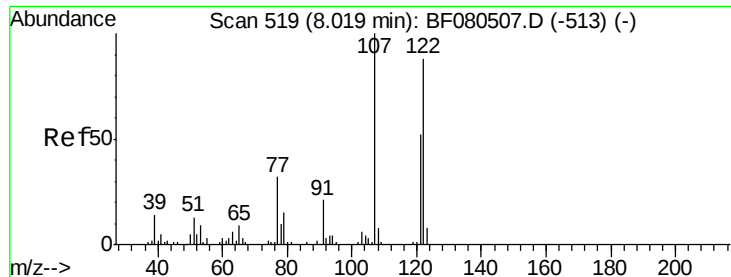
Ion Ratio Lower Upper

139 100

109 25.8 11.0 16.4#

65 41.3 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 37.29 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

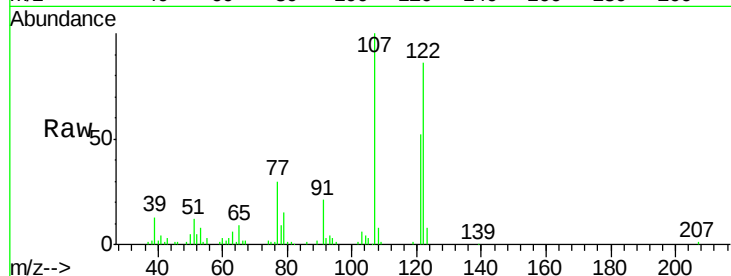
Tot Ion:122 Resp: 49481

Ion Ratio Lower Upper

122 100

107 116.1 71.8 107.6#

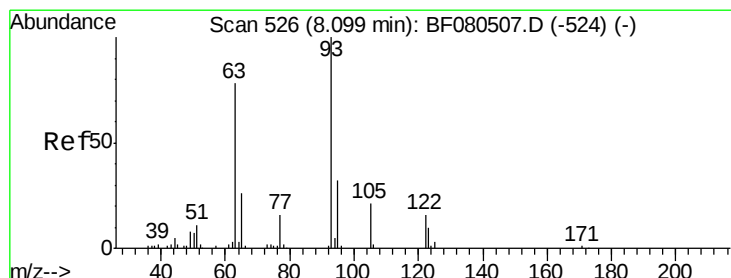
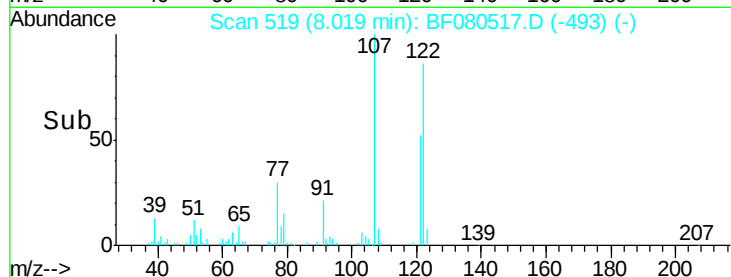
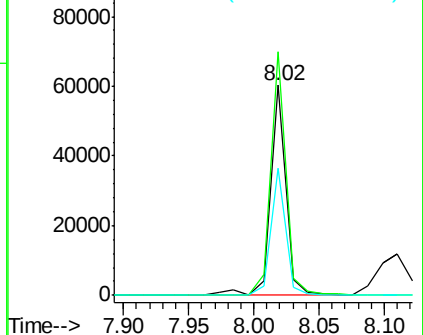
121 60.8 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.48 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

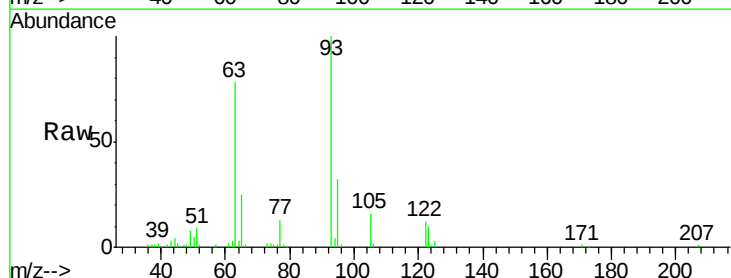
Tgt Ion: 93 Resp: 64209

Ion Ratio Lower Upper

93 100

95 32.0 27.5 41.3

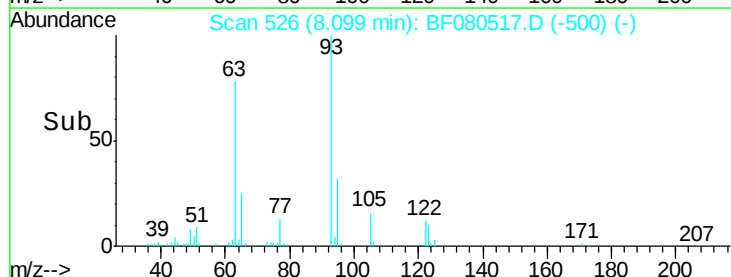
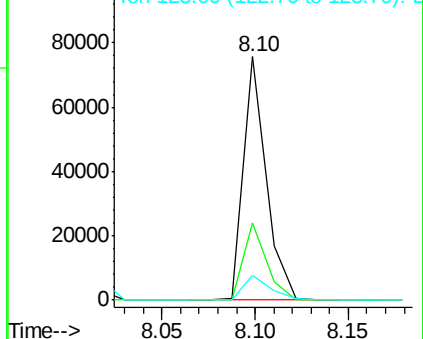
123 10.4 13.7 20.5#

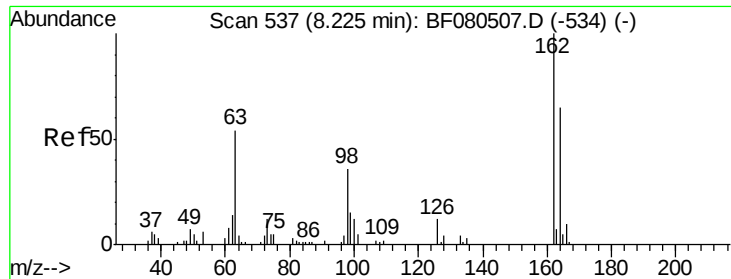


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

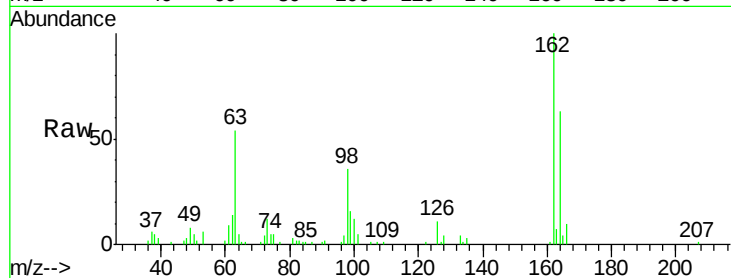




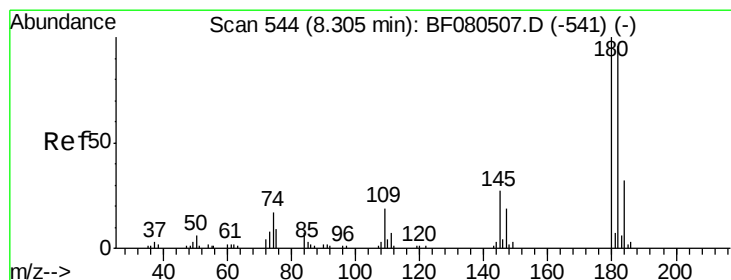
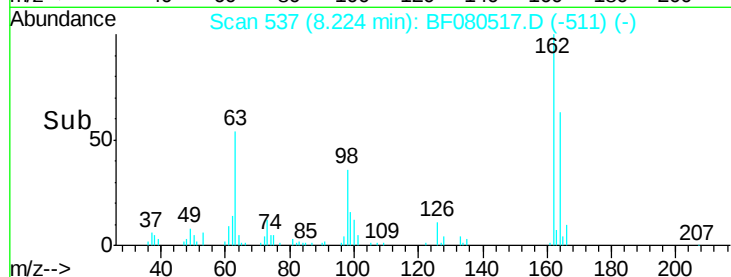
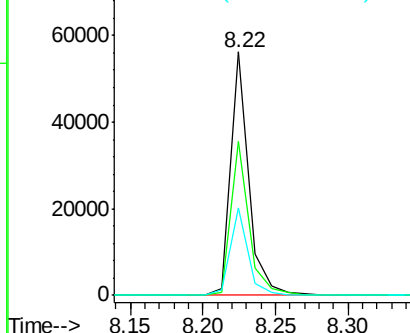
#29
2,4-Dichlorophenol
Concen: 40.04 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:162 Resp: 48429
Ion Ratio Lower Upper
162 100
164 63.4 44.9 84.9
98 36.0 13.0 53.0

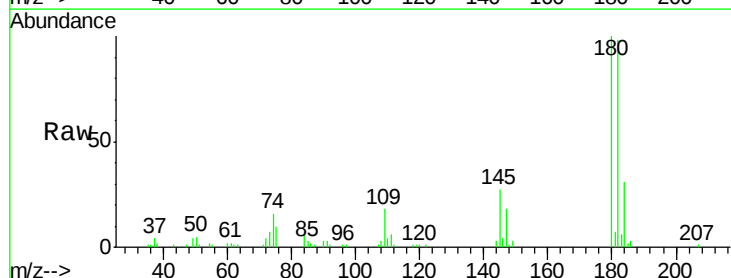


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

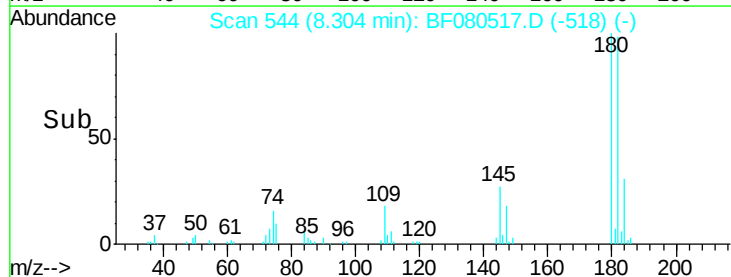
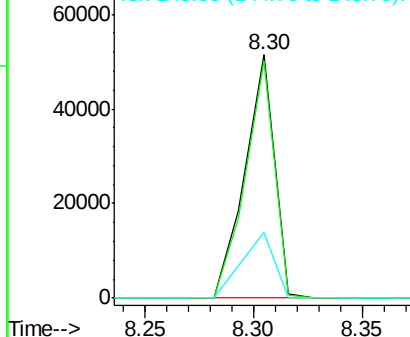


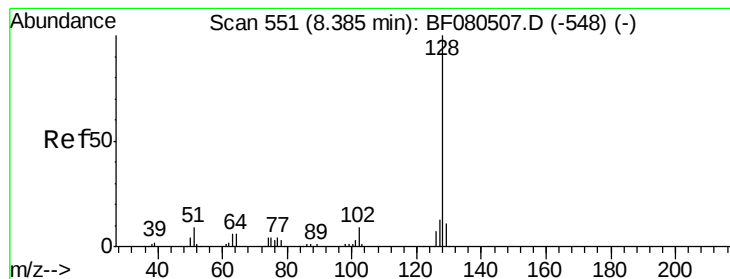
#30
1,2,4-Trichlorobenzene
Concen: 34.99 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:180 Resp: 48582
Ion Ratio Lower Upper
180 100
182 97.6 77.1 115.7
145 26.9 23.3 34.9



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





#31

Naphthalene

Concen: 36.34 ng

RT: 8.38 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampled :

PB84482BS

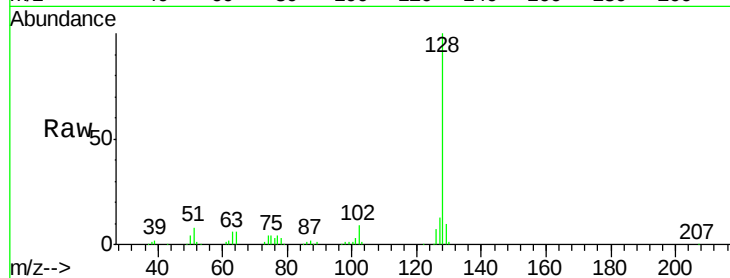
Tot Ion:128 Resp: 164257

Ion Ratio Lower Upper

128 100

129 10.3 8.4 12.6

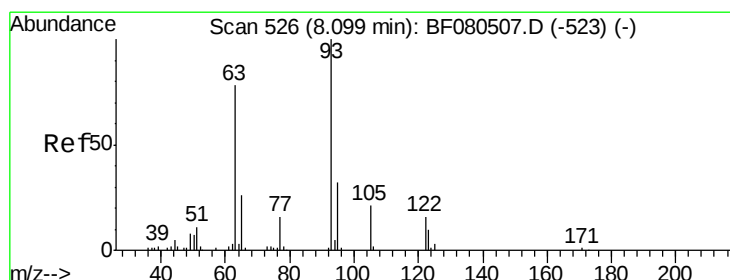
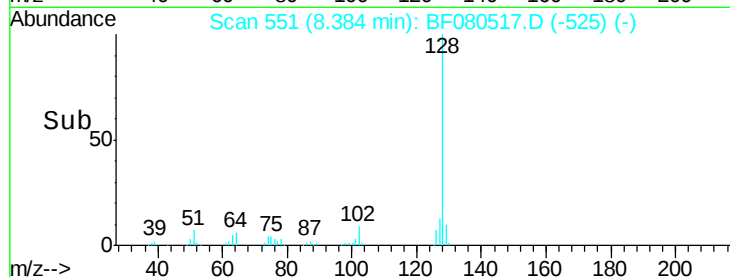
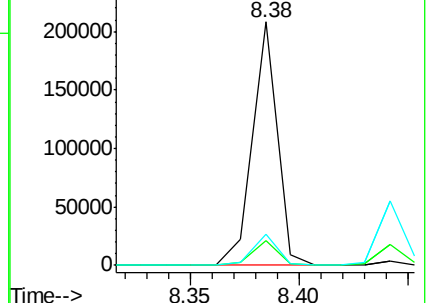
127 12.9 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.62 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

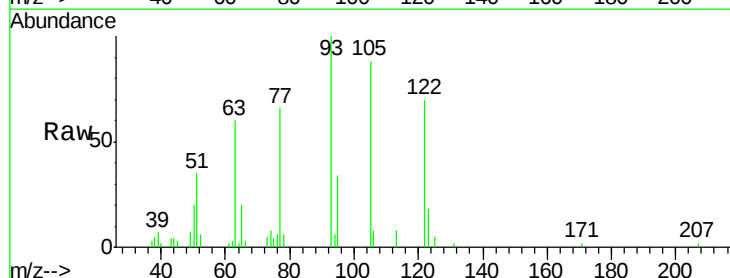
Tgt Ion:122 Resp: 24835

Ion Ratio Lower Upper

122 100

105 124.5 76.1 116.1#

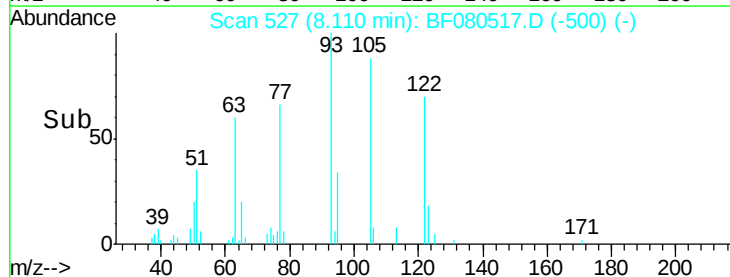
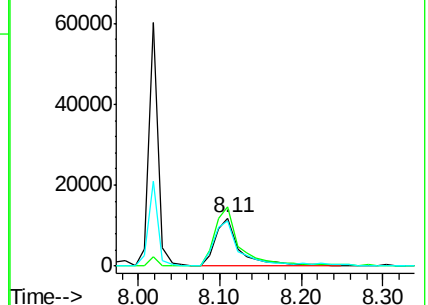
77 94.2 40.5 80.5#

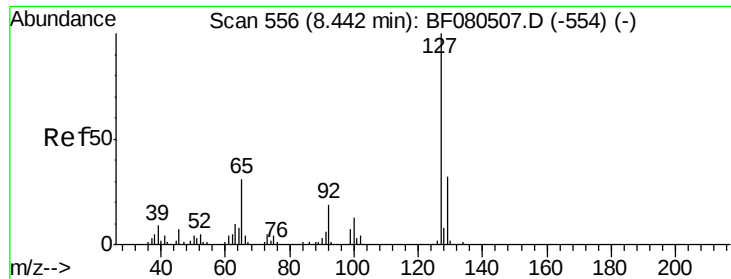


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

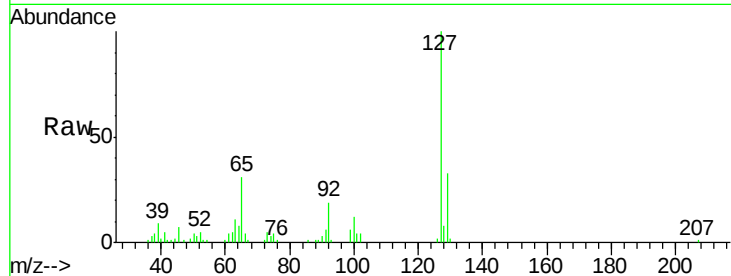




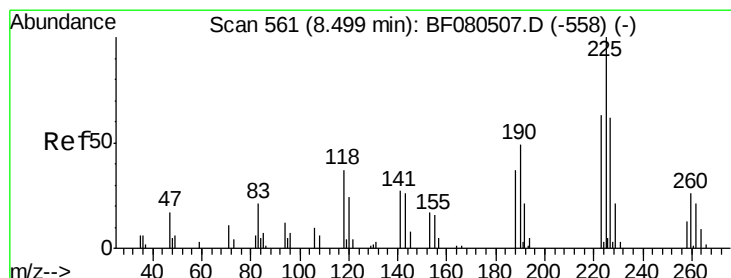
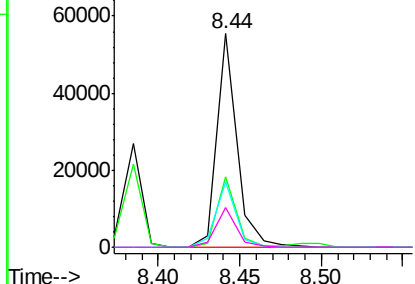
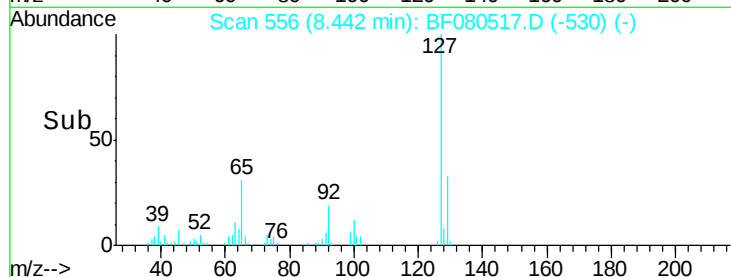
#33
 4-Chloroaniline
 Concen: 27.13 ng
 RT: 8.44 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Tot Ion:	127	Resp:	47671
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	30.7	17.9	26.9#
92	18.6	10.5	15.7#

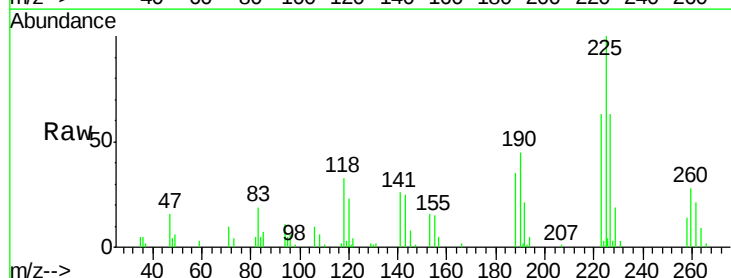


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

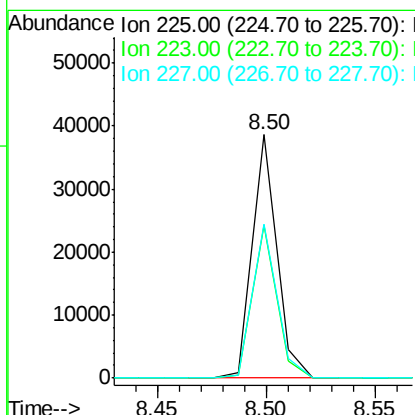
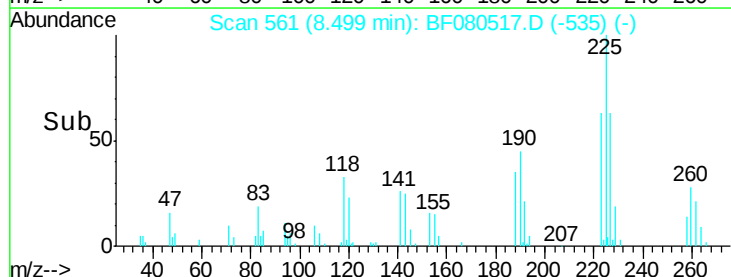


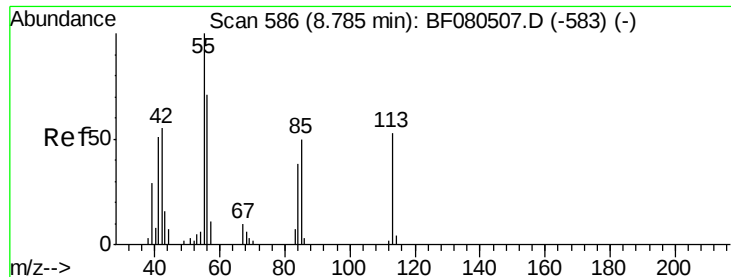
#34
 Hexachlorobutadiene
 Concen: 37.56 ng
 RT: 8.50 min Scan# 561
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:	225	Resp:	30198
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.0	52.2	78.2



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

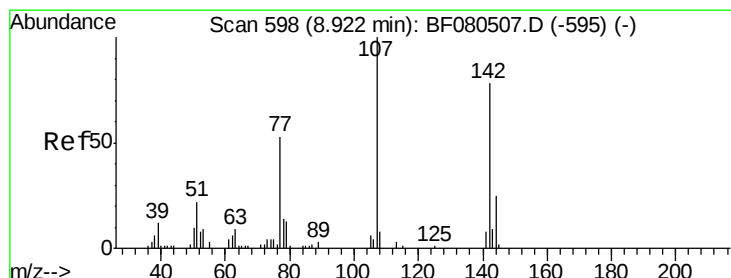
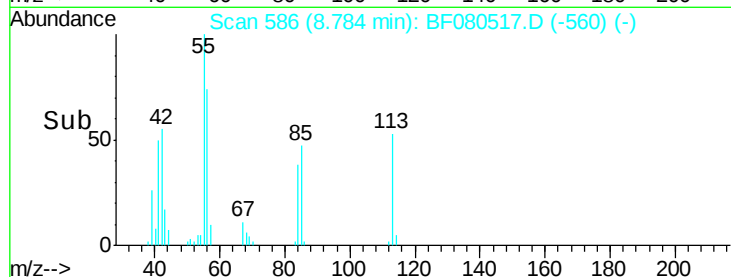
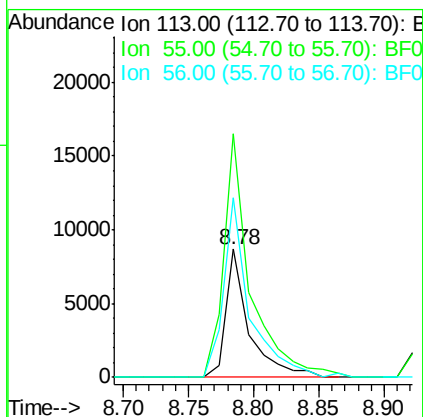
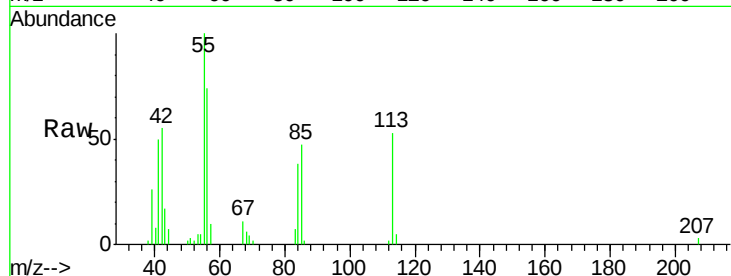




#35
 Caprolactam
 Concen: 38.09 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

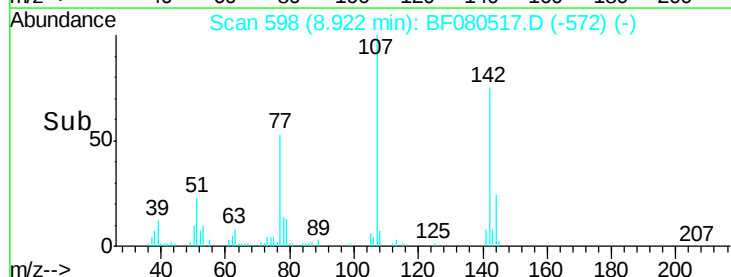
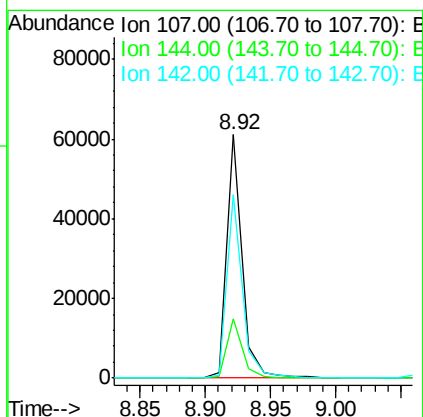
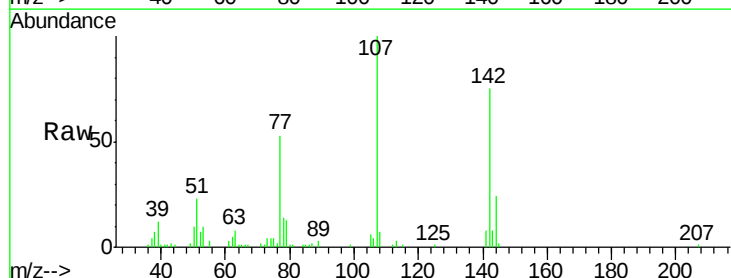
Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

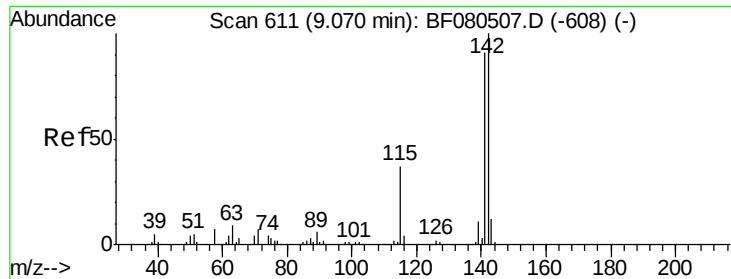
Tot Ion:113 Resp: 10739
 Ion Ratio Lower Upper
 113 100
 55 190.3 152.4 192.4
 56 140.7 104.6 144.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.39 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:107 Resp: 50310
 Ion Ratio Lower Upper
 107 100
 144 24.1 25.4 38.0#
 142 75.3 77.3 115.9#

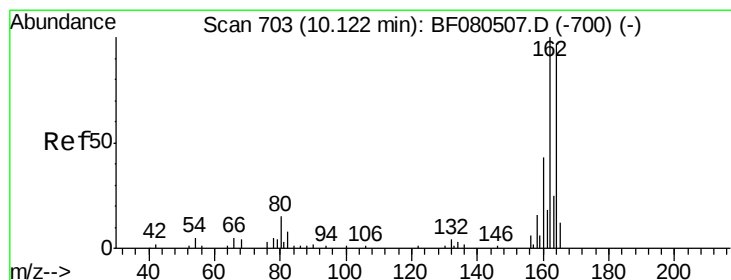
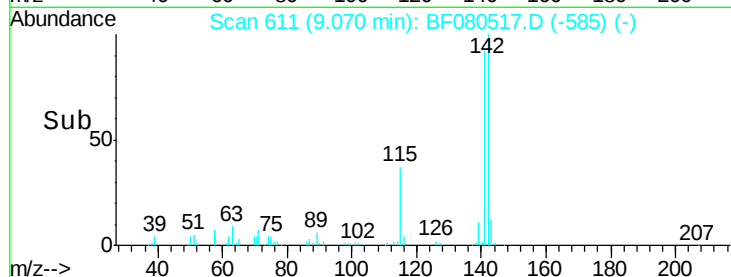
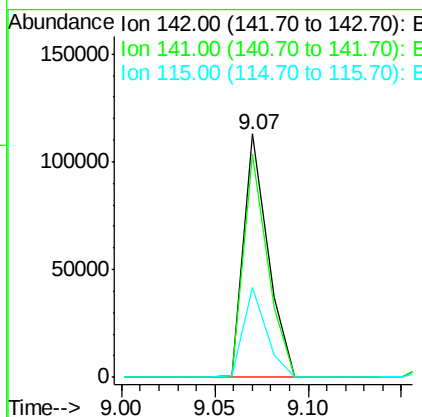
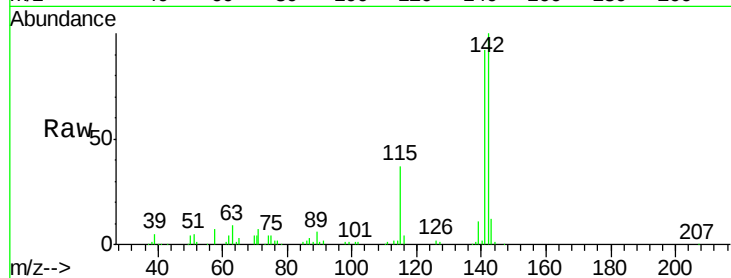




#37
 2-Methylnaphthalene
 Concen: 38.40 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

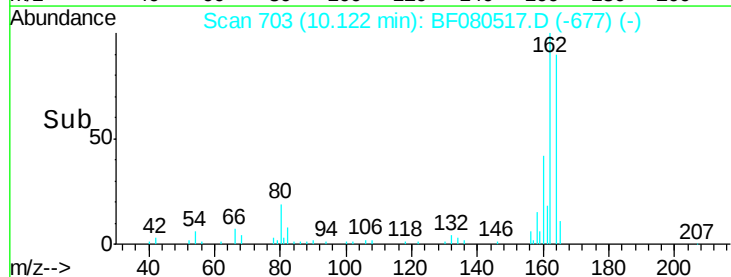
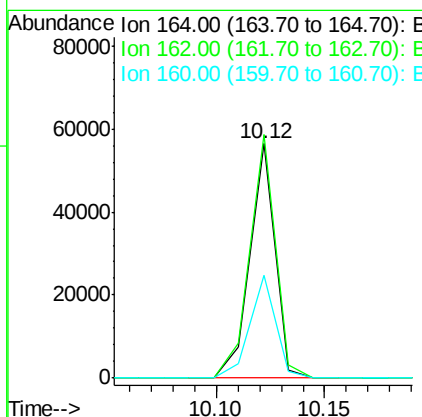
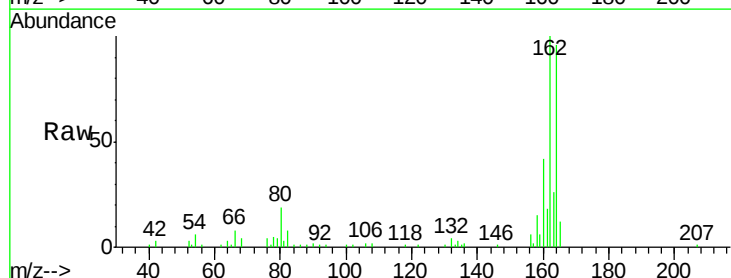
Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

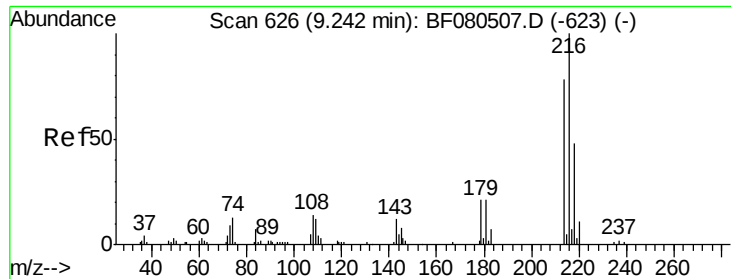
Tot Ion:142 Resp: 103750
 Ion Ratio Lower Upper
 142 100
 141 91.7 67.5 101.3
 115 37.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:164 Resp: 45273
 Ion Ratio Lower Upper
 164 100
 162 104.0 75.2 112.8
 160 44.0 31.5 47.3

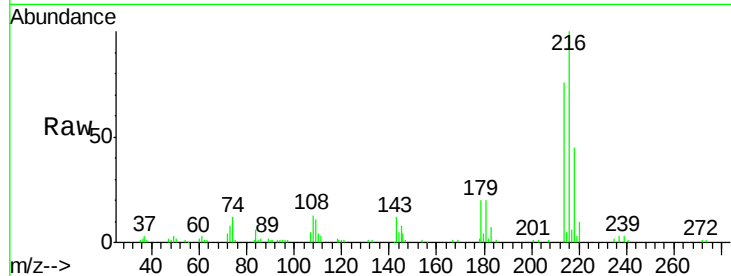




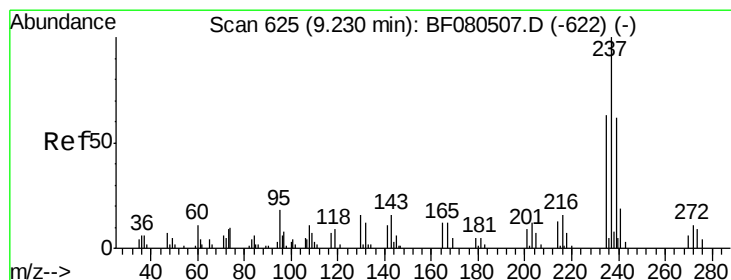
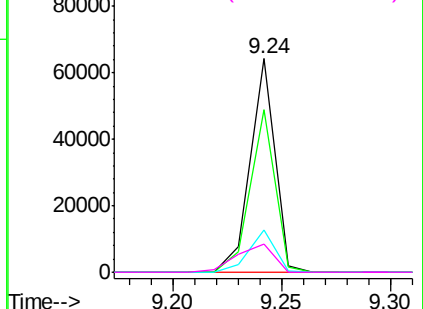
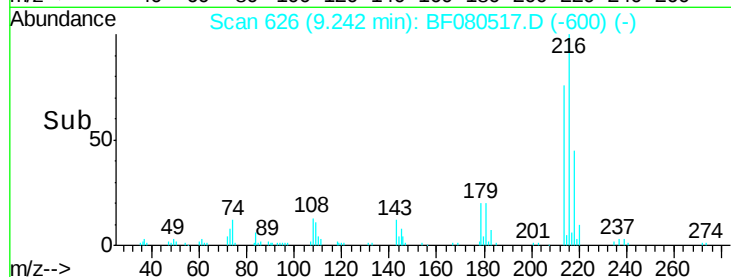
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.95 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Tot Ion:216	Resp:	50739
Ion Ratio	Lower	Upper
216	100	
214	76.2	63.5 95.3
179	20.5	16.6 24.8
108	19.5	16.3 24.5

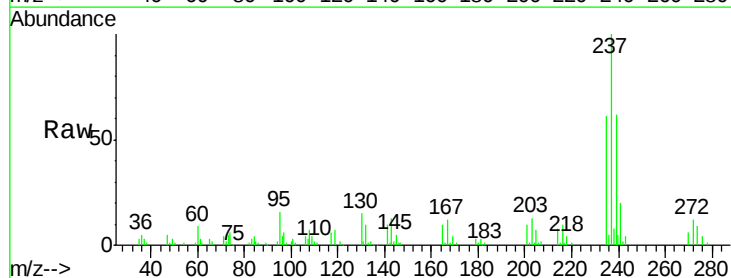


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

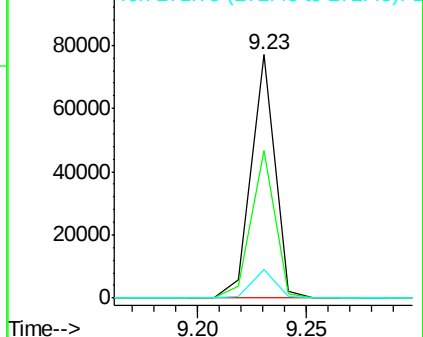
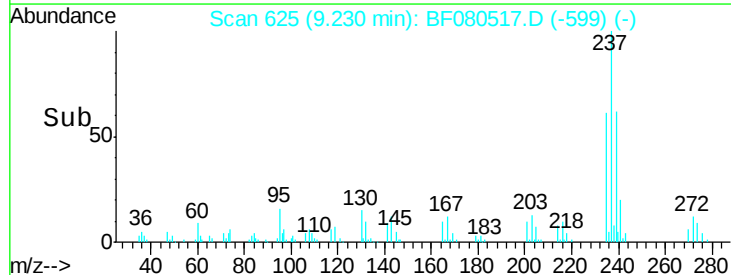


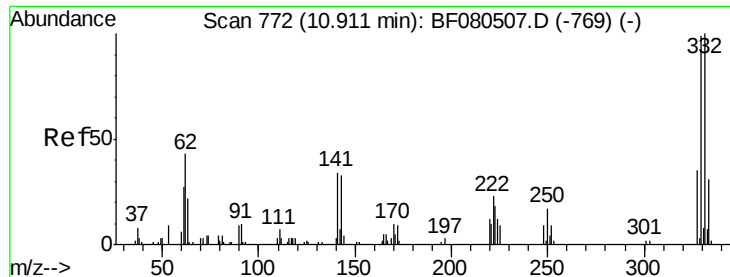
#40
 Hexachlorocyclopentadiene
 Concen: 81.87 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:237	Resp:	58336
Ion Ratio	Lower	Upper
237	100	
235	60.5	42.0 82.0
272	11.7	0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 121.79 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

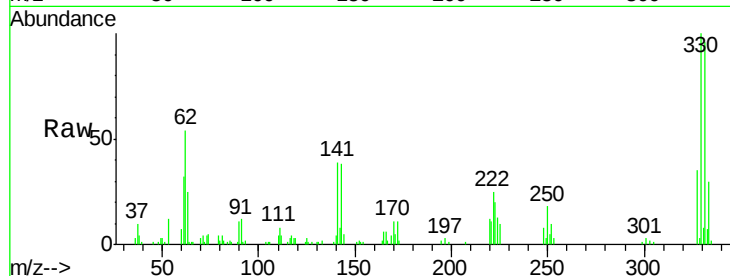
Tot Ion:330 Resp: 42900

Ion Ratio Lower Upper

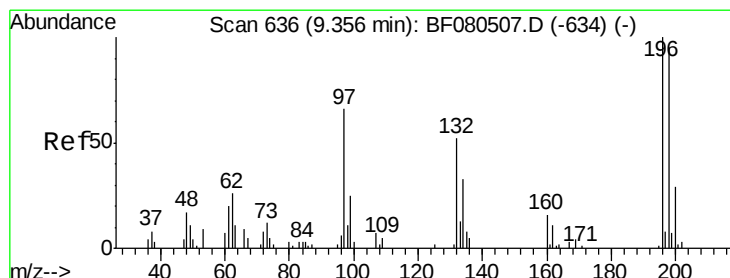
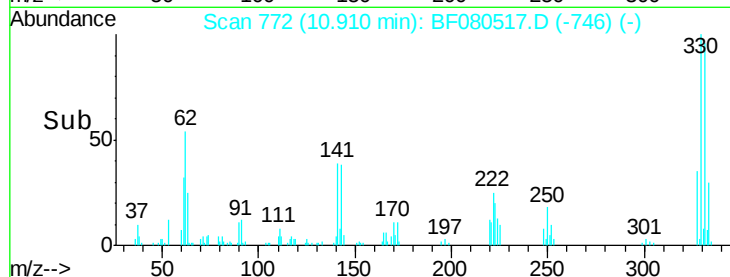
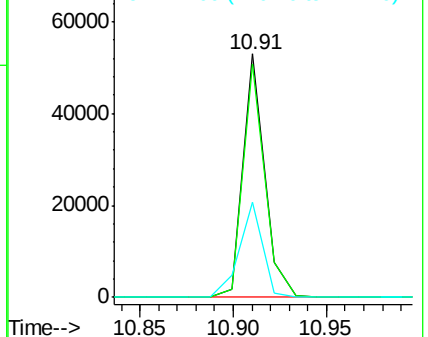
330 100

332 96.8 76.6 114.8

141 42.1 29.7 44.5



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



#42

2,4,6-Trichlorophenol

Concen: 39.29 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

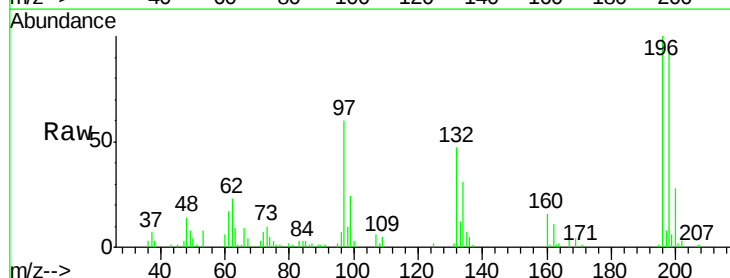
Tgt Ion:196 Resp: 34137

Ion Ratio Lower Upper

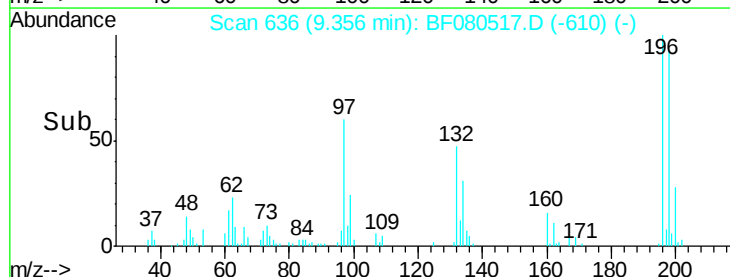
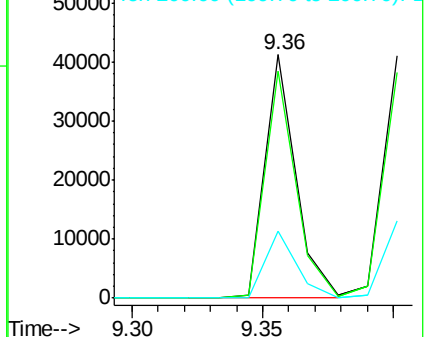
196 100

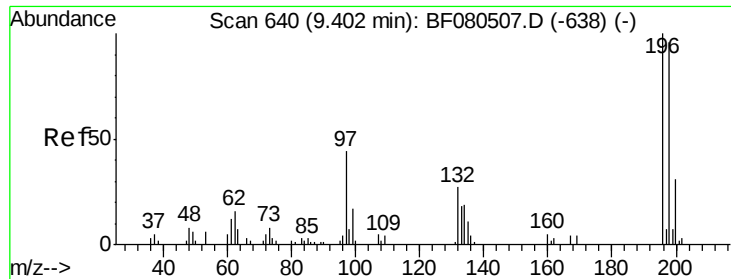
198 93.1 75.7 113.5

200 27.8 23.9 35.9



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

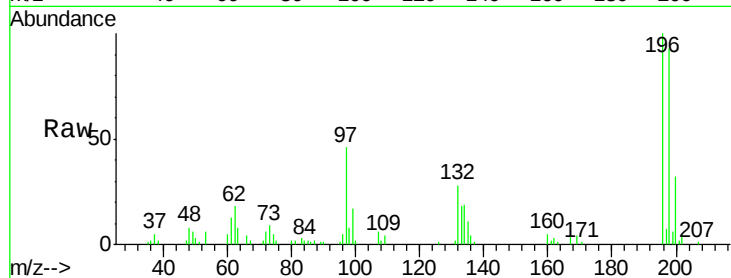




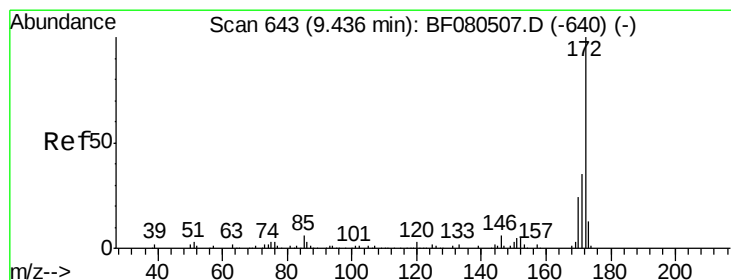
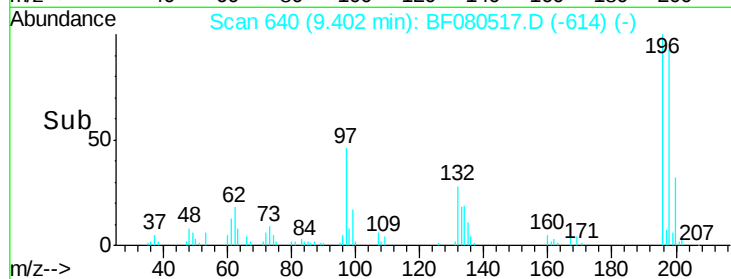
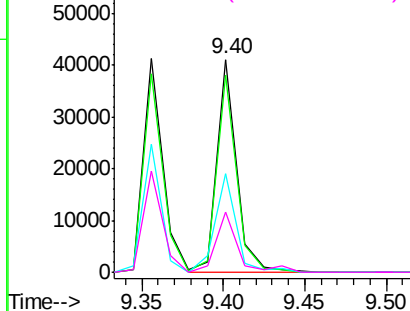
#43
 2,4,5-Trichlorophenol
 Concen: 37.33 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Tot Ion:	196	Resp:	34526
Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.4	113.0
97	46.1	33.3	49.9
132	28.2	24.6	37.0

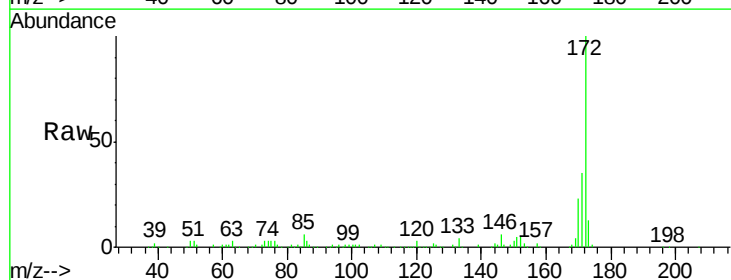


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

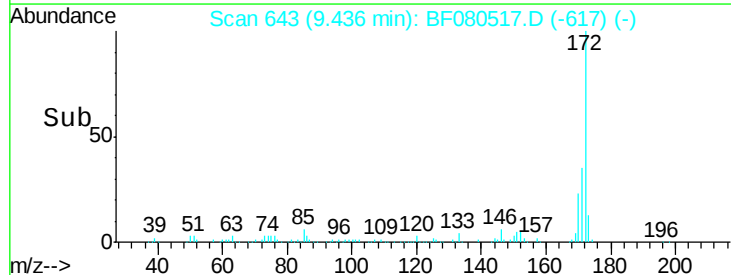
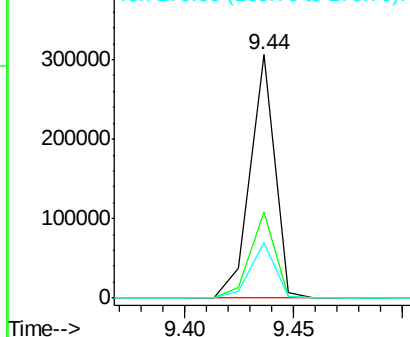


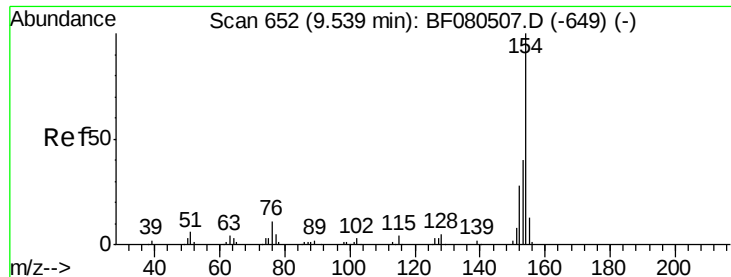
#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:	172	Resp:	241514
Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.0	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 35.47 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

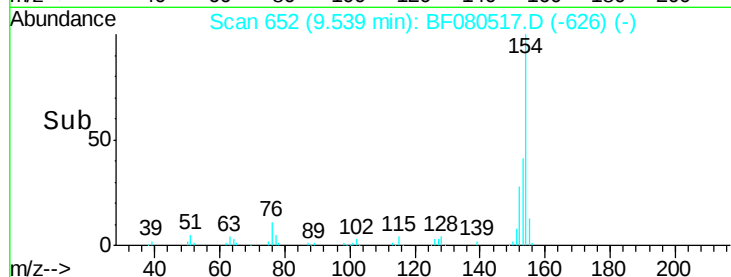
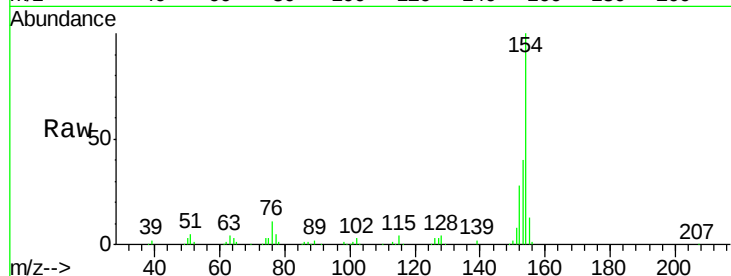
Tot Ion:154 Resp: 131250

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

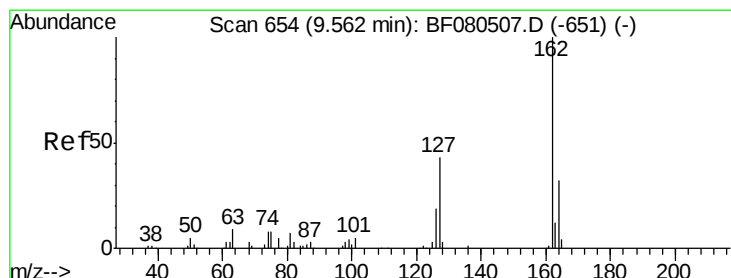
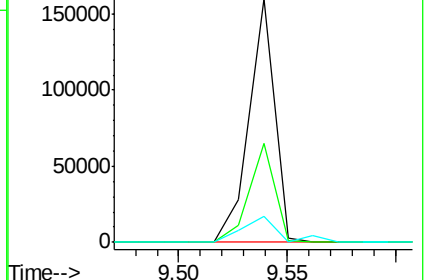
76 10.5 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.15 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

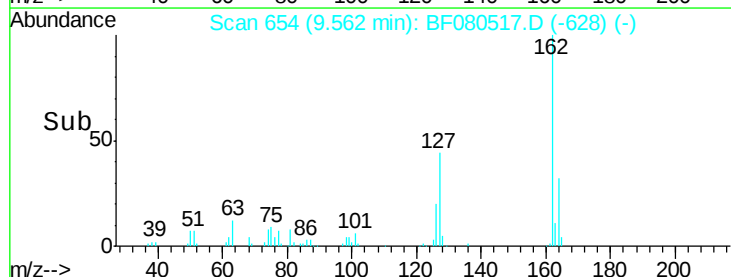
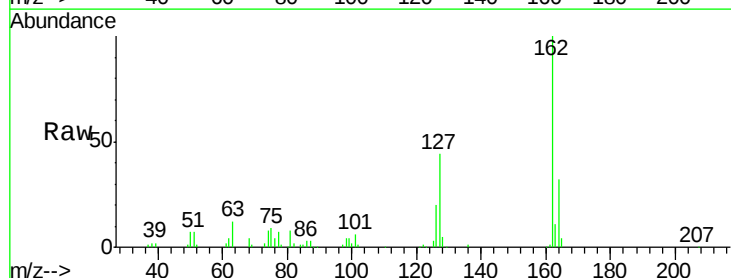
Tgt Ion:162 Resp: 97428

Ion Ratio Lower Upper

162 100

127 43.7 27.6 41.4#

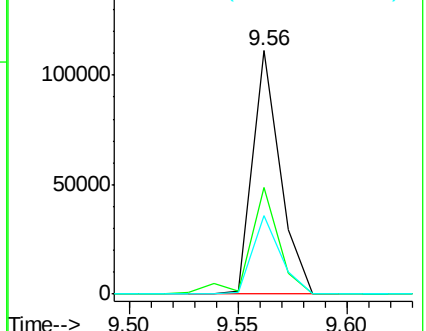
164 32.4 25.4 38.2

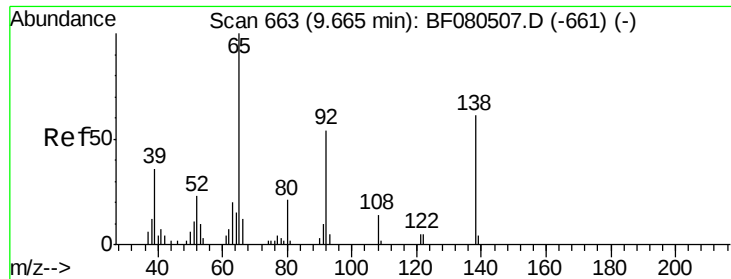


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.76 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

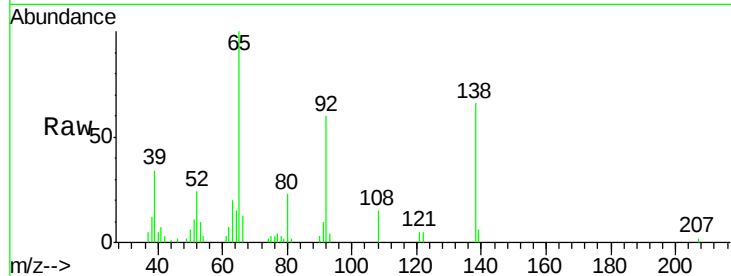
Tot Ion: 65 Resp: 27681

Ion Ratio Lower Upper

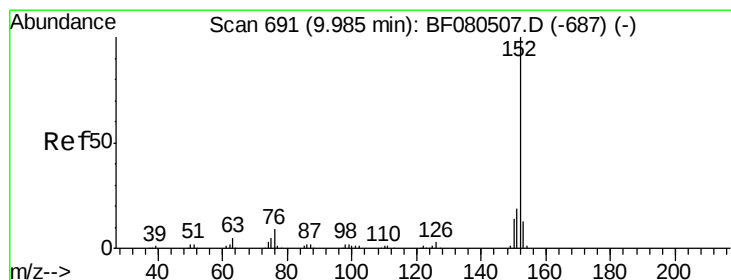
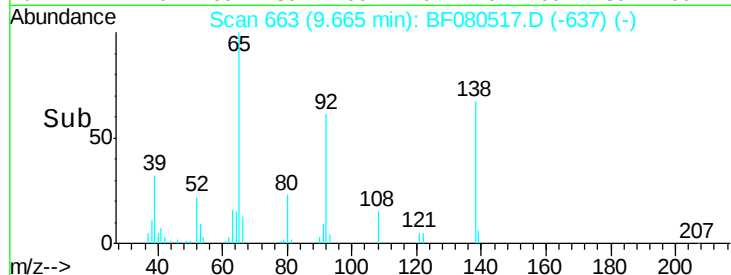
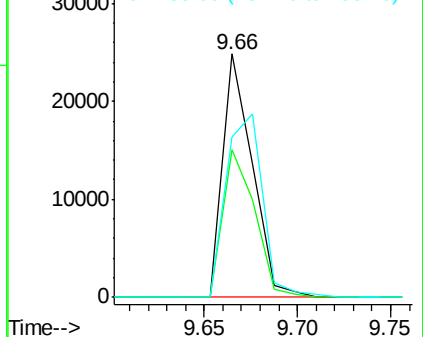
65 100

92 60.4 55.4 83.0

138 65.9 115.5 173.3#



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: 35.45 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

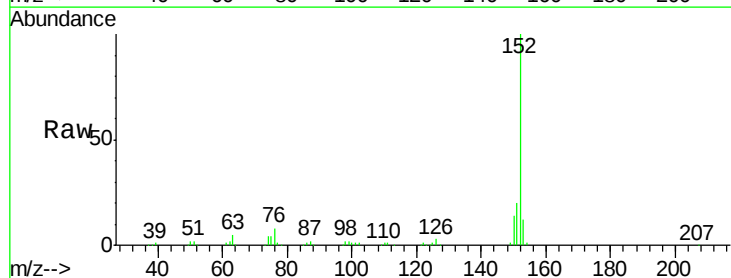
Tgt Ion: 152 Resp: 164573

Ion Ratio Lower Upper

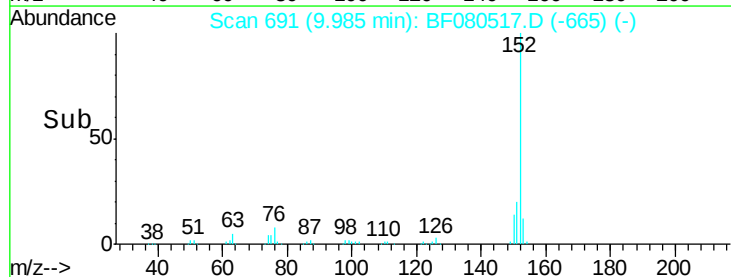
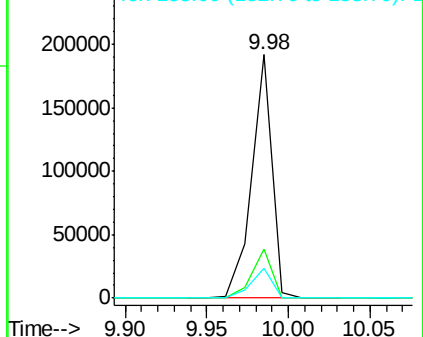
152 100

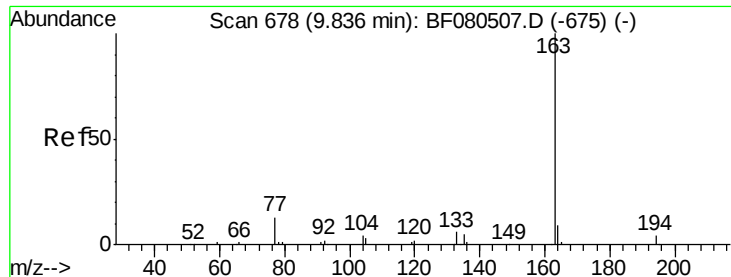
151 20.0 14.6 22.0

153 12.1 10.3 15.5



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

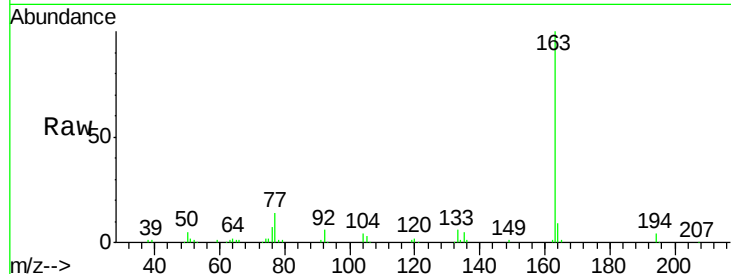




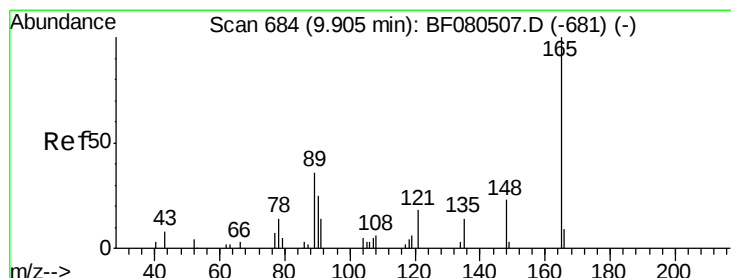
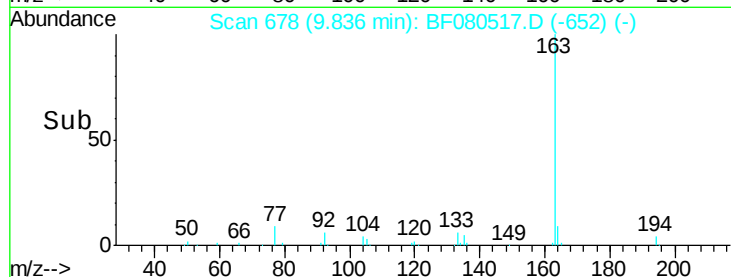
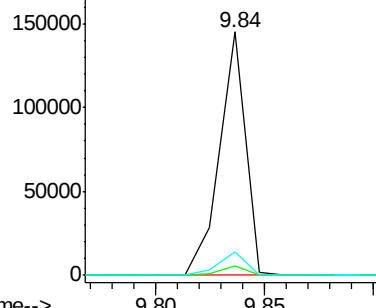
#49
Dimethylphthalate
Concen: 38.80 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	4.4	6.6#
164	9.5	8.3	12.5

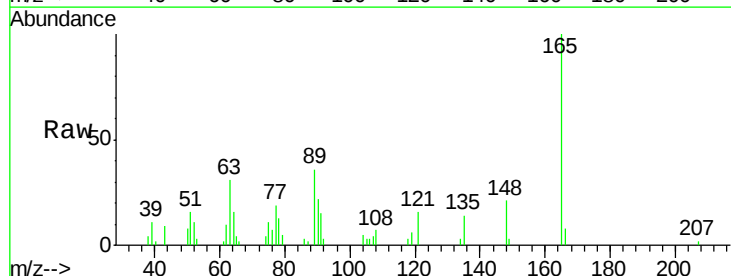


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

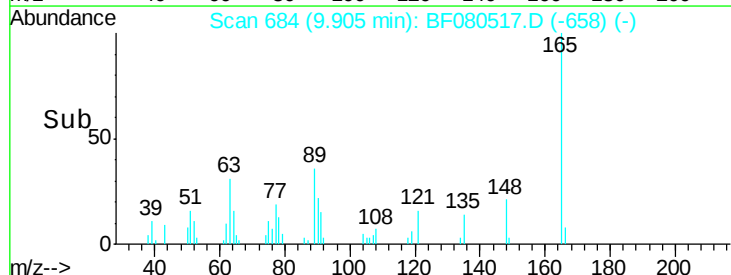
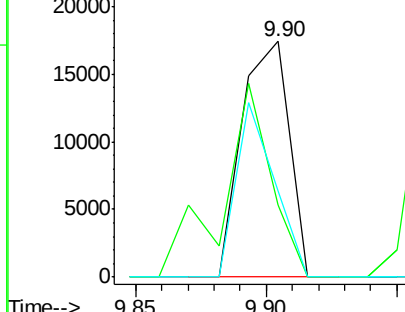


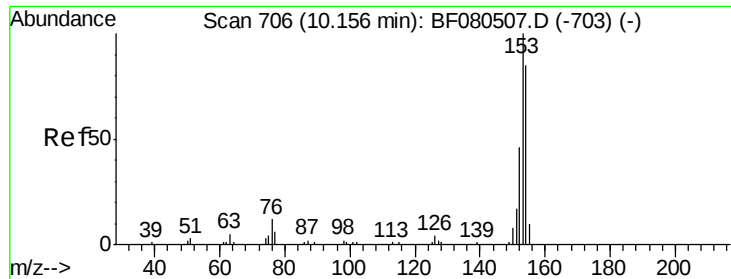
#50
2,6-Dinitrotoluene
Concen: 36.45 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	30.9	32.3	48.5#
89	36.5	28.6	43.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.29 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

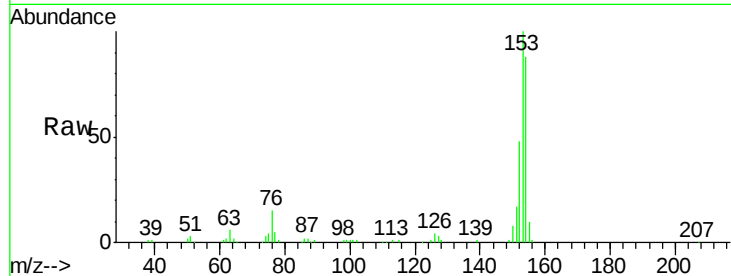
Tot Ion:154 Resp: 110522

Ion Ratio Lower Upper

154 100

153 113.7 82.1 123.1

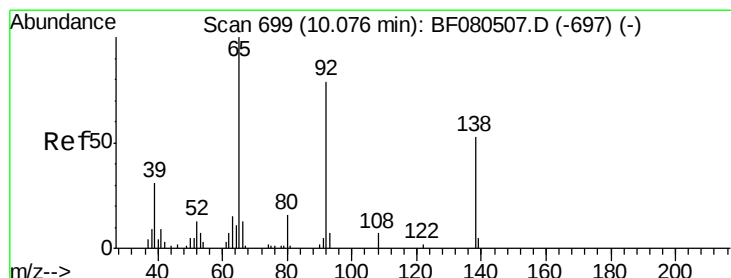
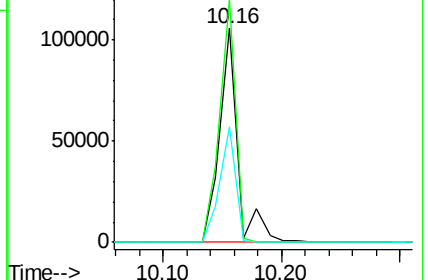
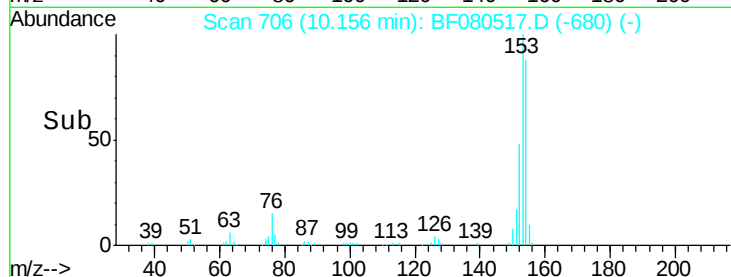
152 54.2 37.9 56.9



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: 30.38 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

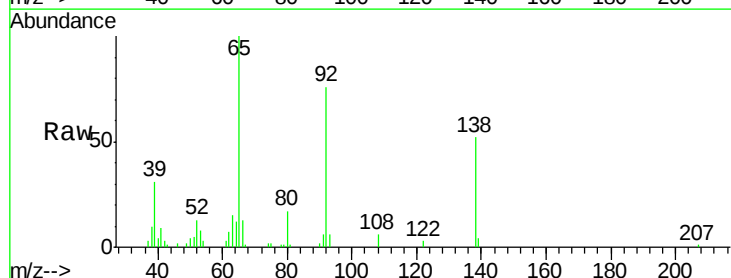
Tgt Ion:138 Resp: 20391

Ion Ratio Lower Upper

138 100

108 12.5 5.7 8.5#

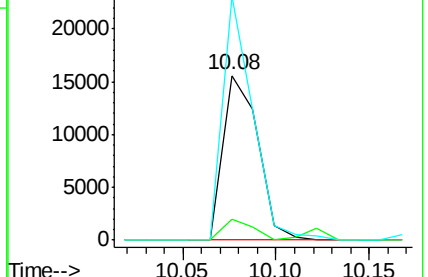
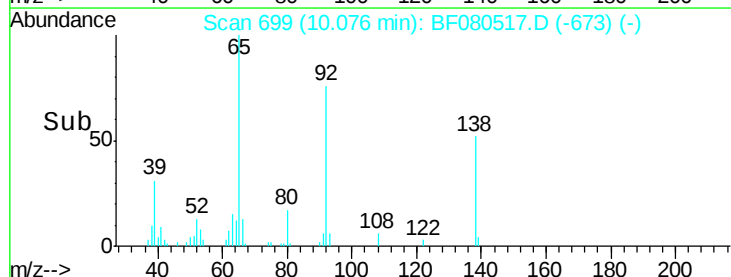
92 147.7 67.7 101.5#

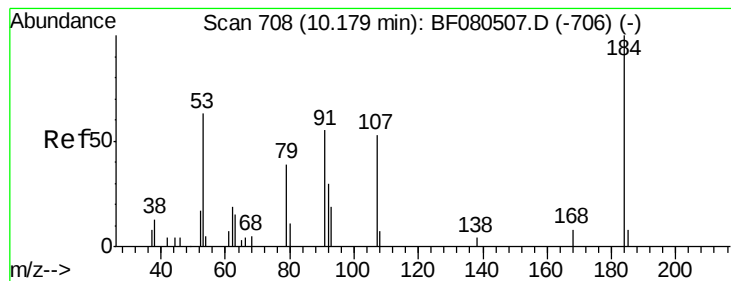


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 75.04 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

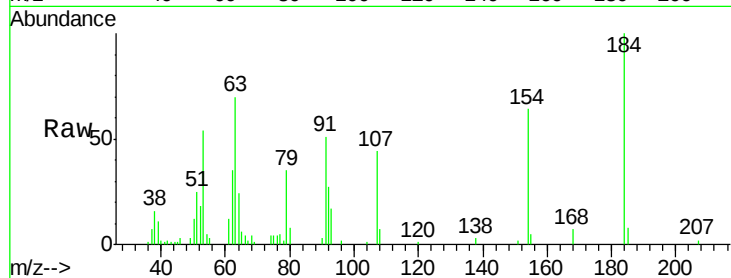
Tot Ion:184 Resp: 24150

Ion Ratio Lower Upper

184 100

63 69.6 35.4 53.2#

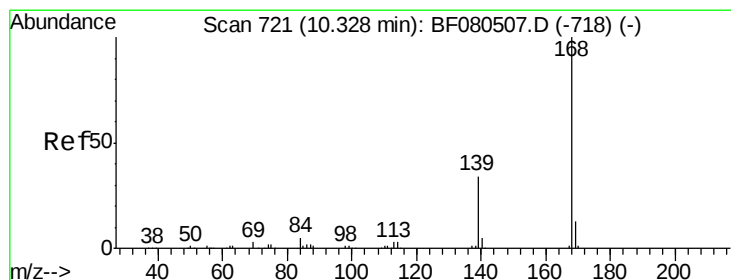
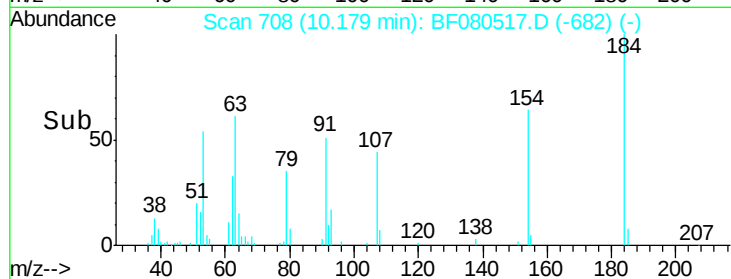
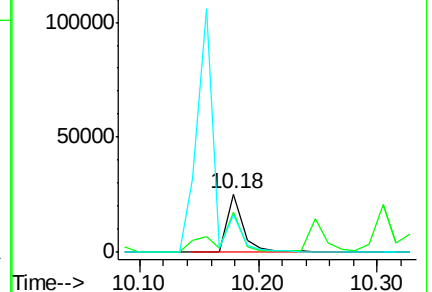
154 64.5 32.2 48.4#



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: 37.31 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

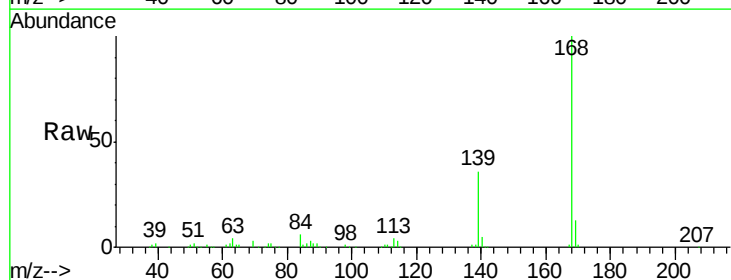
Tgt Ion:168 Resp: 147960

Ion Ratio Lower Upper

168 100

139 36.1 24.2 36.2

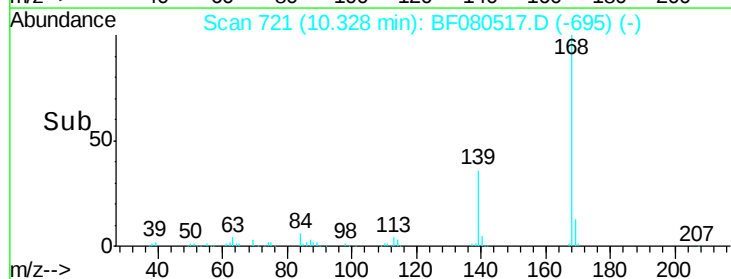
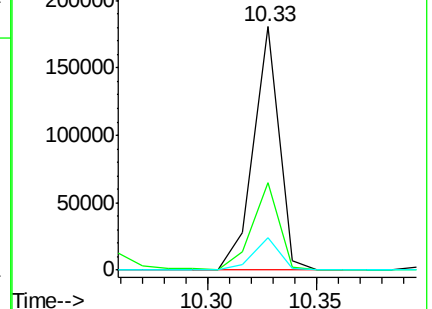
169 13.3 10.6 15.8

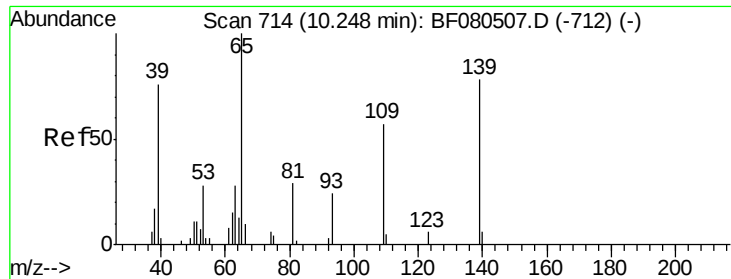


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

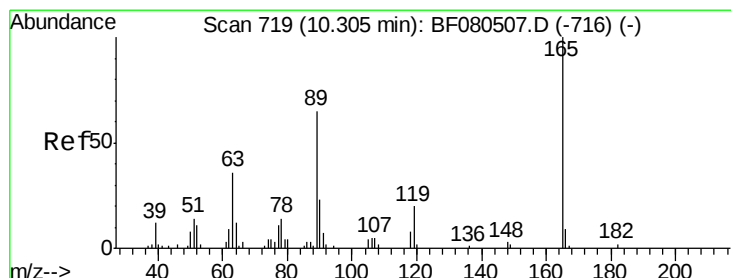
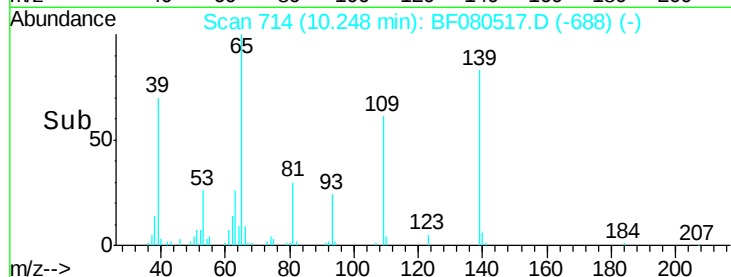
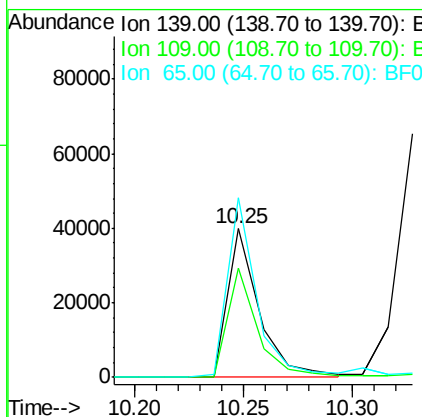
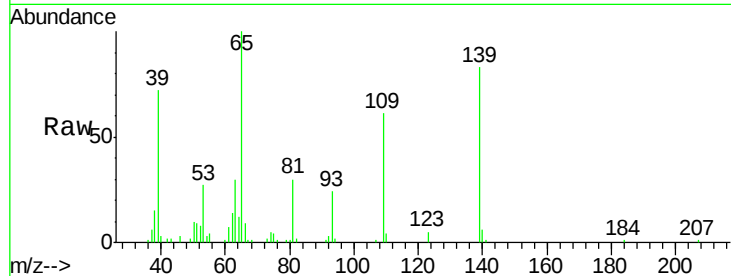




#55
4-Nitrophenol
Concen: 82.71 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

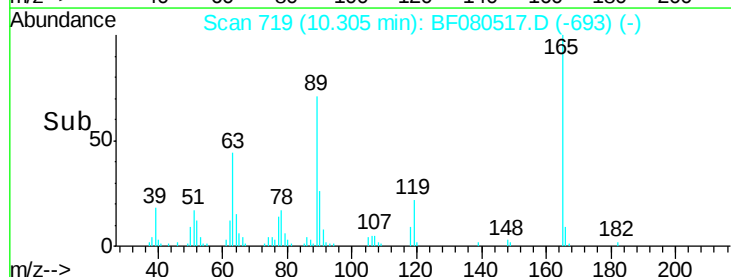
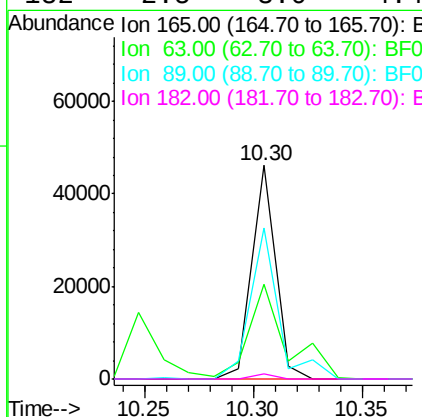
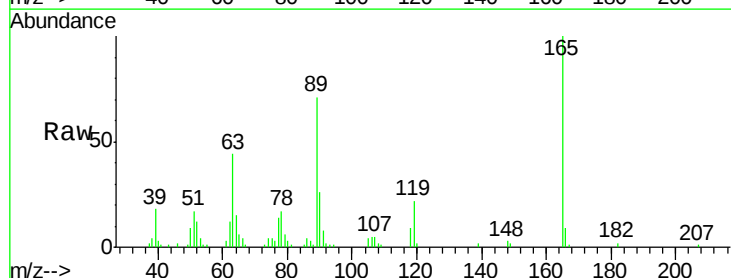
Instrument :
BNA_F
ClientSampleId :
PB84482BS

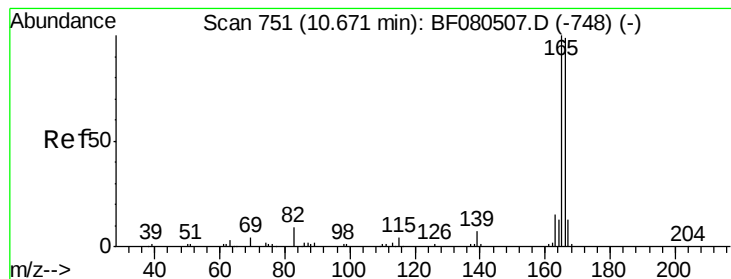
Tot Ion:139 Resp: 39983
Ion Ratio Lower Upper
139 100
109 74.0 12.7 52.7#
65 121.0 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 39.86 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:165 Resp: 35102
Ion Ratio Lower Upper
165 100
63 44.4 29.8 44.6
89 71.0 44.5 66.7#
182 2.5 3.0 4.4#





#57

Fluorene

Concen: 37.95 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

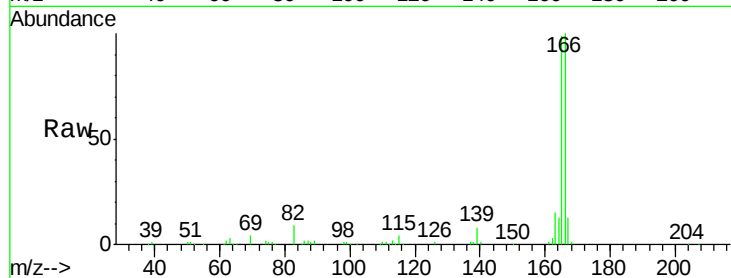
Tot Ion:166 Resp: 118142

Ion Ratio Lower Upper

166 100

165 99.1 72.6 109.0

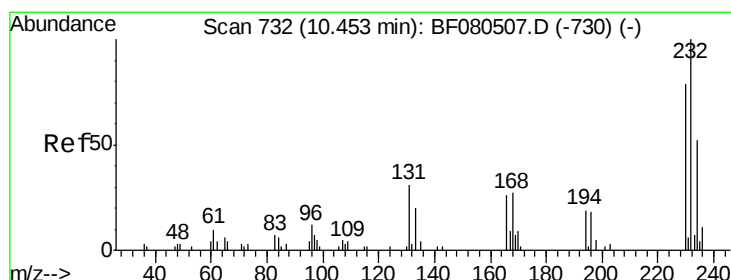
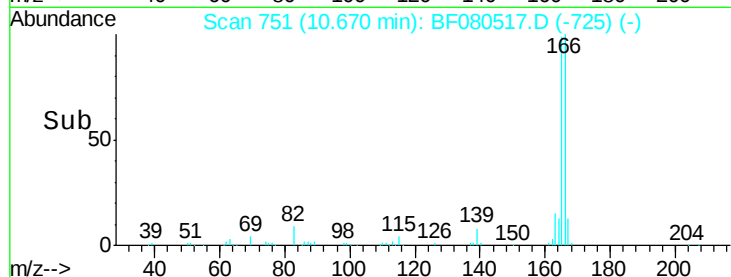
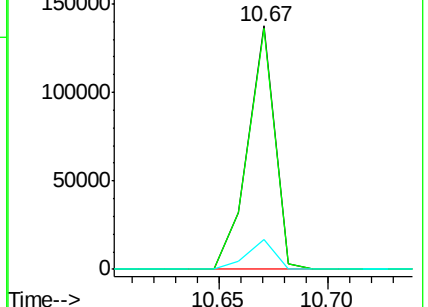
167 12.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.57 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Tgt Ion:232 Resp: 25359

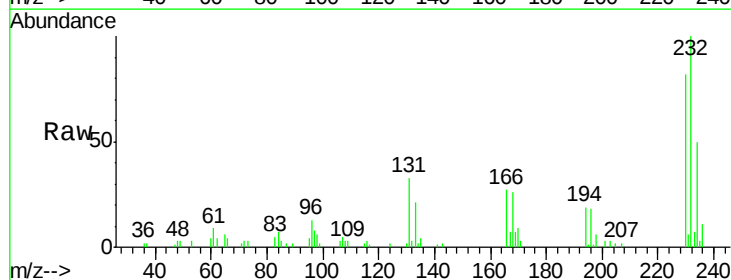
Ion Ratio Lower Upper

232 100

131 49.6 38.5 57.7

130 2.4 1.8 2.6

166 32.9 25.0 37.6

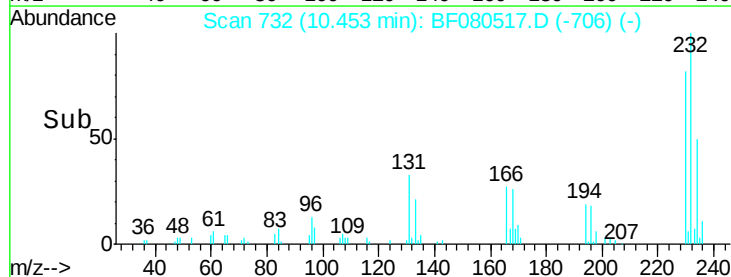
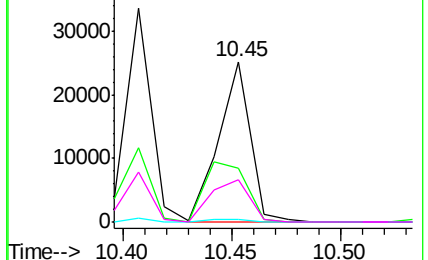


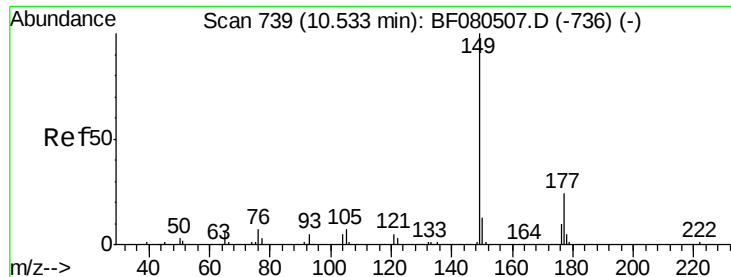
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

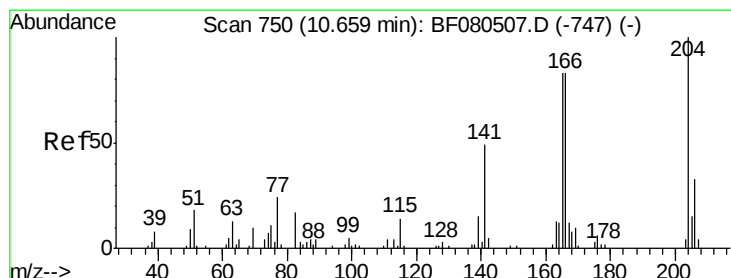
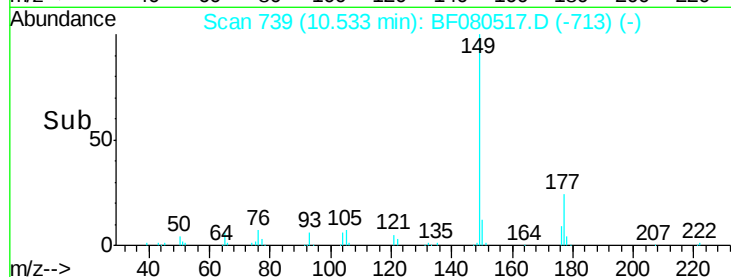
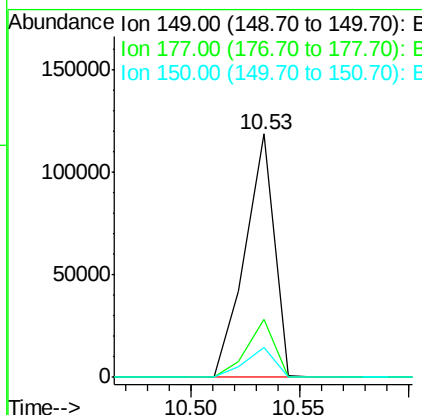
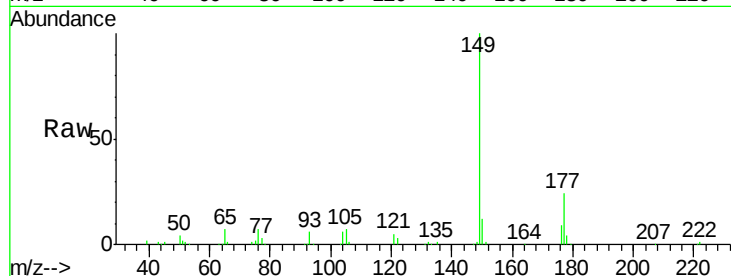




#59
Diethylphthalate
Concen: 37.89 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

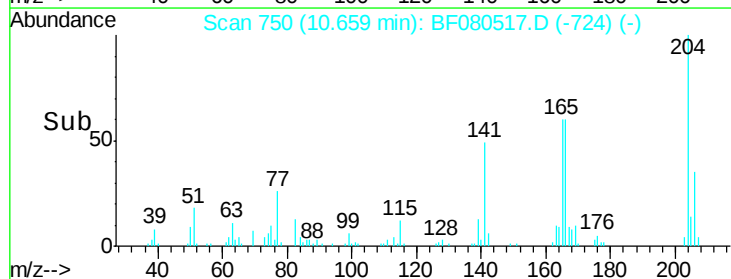
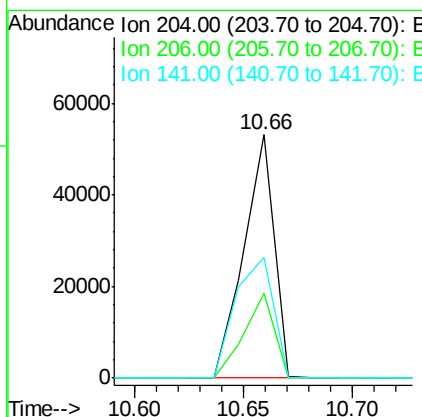
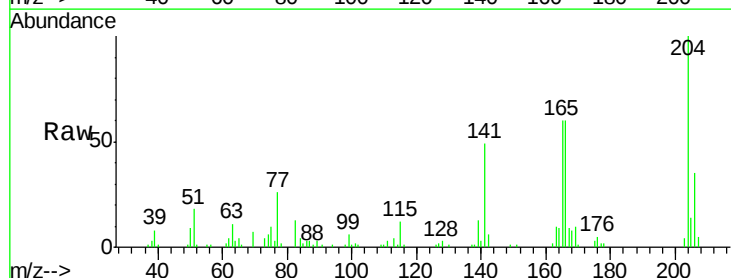
Instrument :
BNA_F
ClientSampleId :
PB84482BS

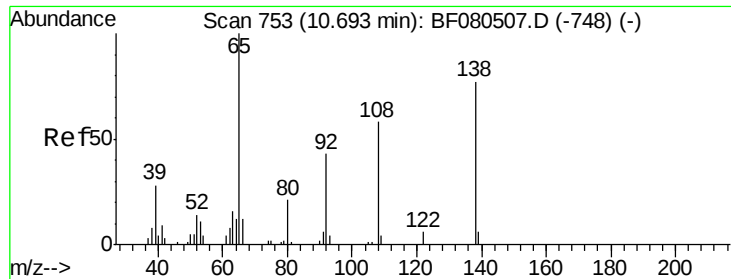
Tot Ion:149 Resp: 110952
Ion Ratio Lower Upper
149 100
177 23.6 17.5 26.3
150 12.2 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.87 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:204 Resp: 51380
Ion Ratio Lower Upper
204 100
206 34.9 24.8 37.2
141 49.3 42.2 63.4





#61

4-Nitroaniline

Concen: 38.48 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

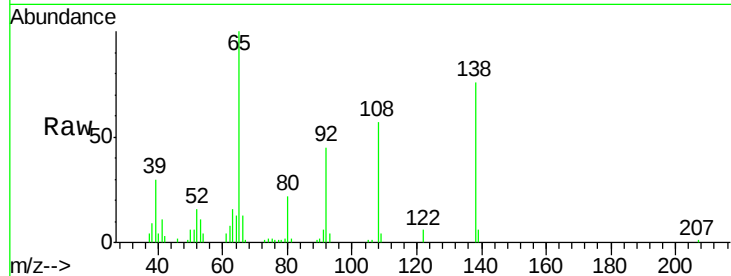
Tot Ion:138 Resp: 25569

Ion Ratio Lower Upper

138 100

92 58.8 12.6 52.6#

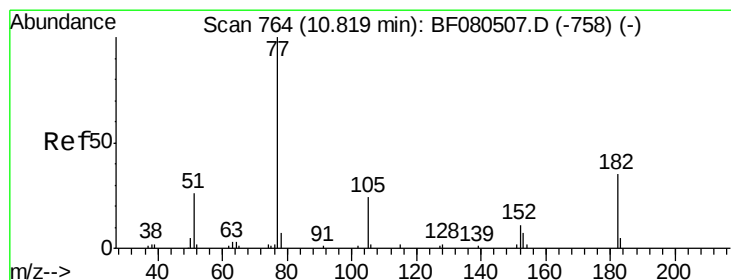
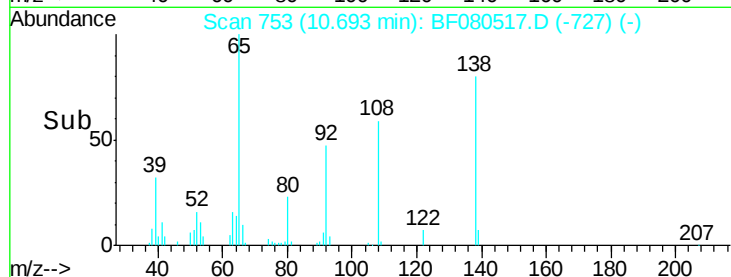
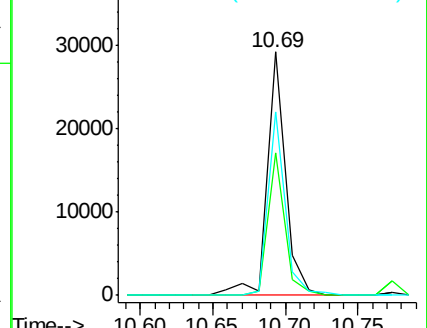
108 75.2 12.4 52.4#



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: 39.62 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Tgt Ion: 77 Resp: 121892

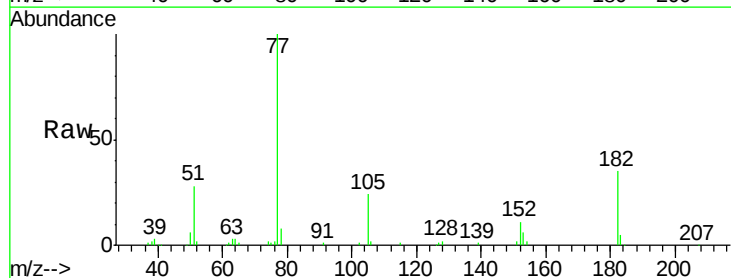
Ion Ratio Lower Upper

77 100

182 34.7 15.1 55.1

105 23.7 3.4 43.4

51 28.1 12.0 52.0

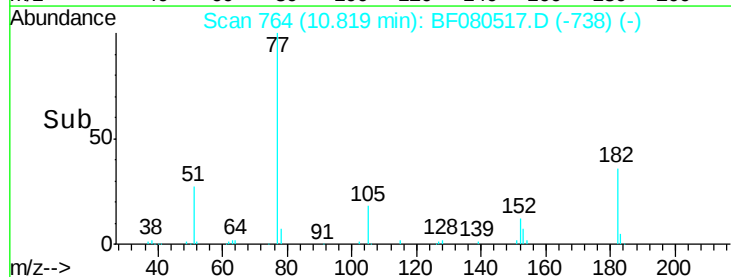
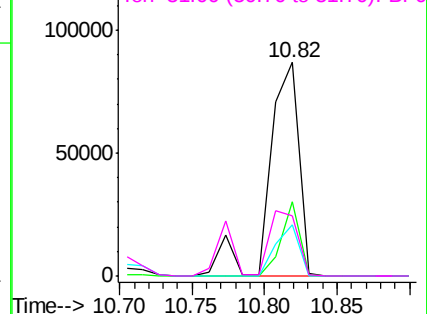


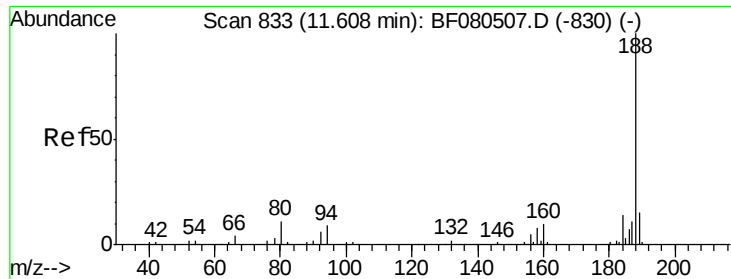
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

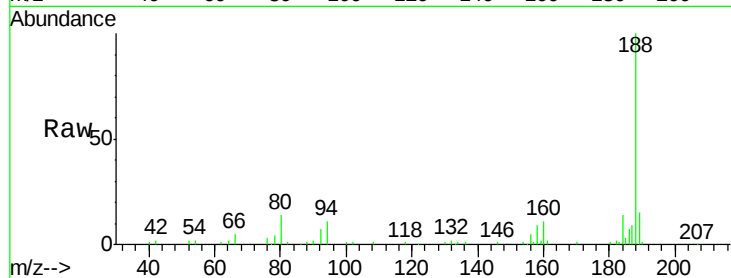




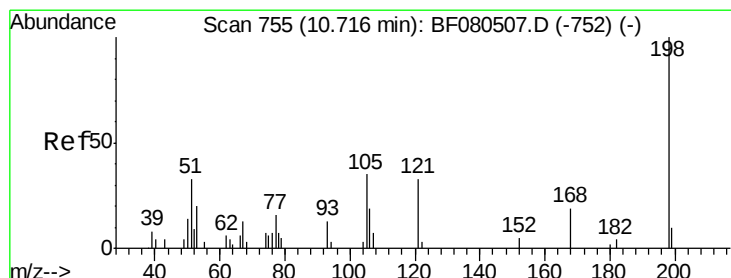
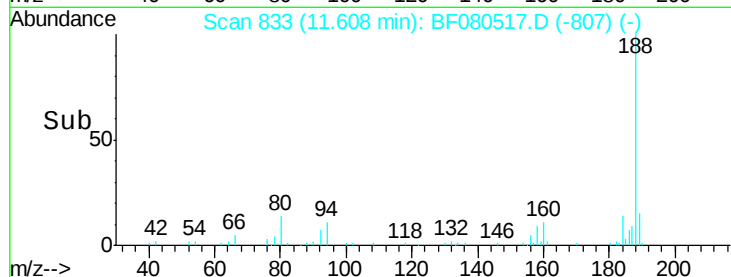
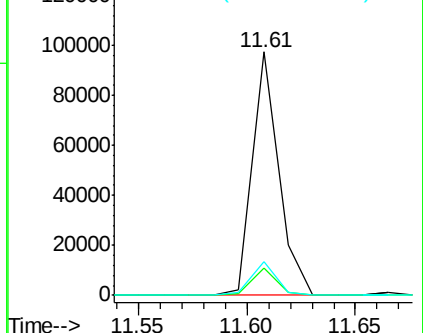
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:188 Resp: 82334
Ion Ratio Lower Upper
188 100
94 11.4 11.1 16.7
80 13.6 11.0 16.4

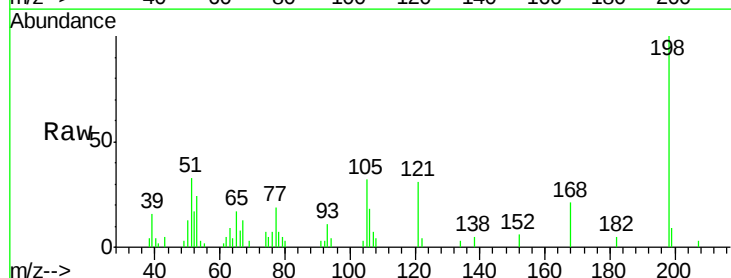


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

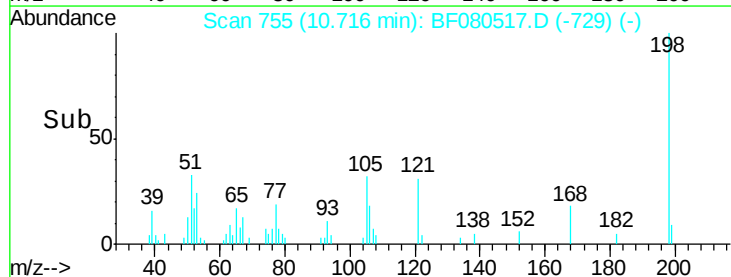
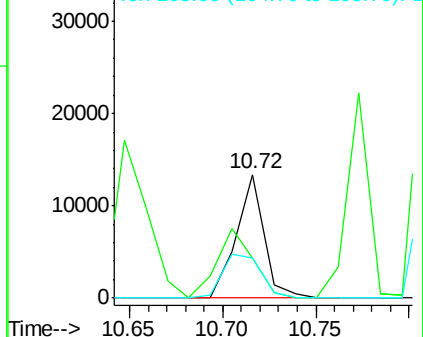


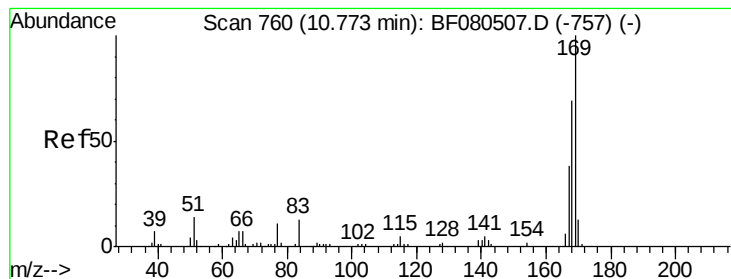
#64
4,6-Dinitro-2-methylphenol
Concen: 34.85 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:198 Resp: 13985
Ion Ratio Lower Upper
198 100
51 32.6 39.6 79.6#
105 32.5 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.41 ng

RT: 10.77 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

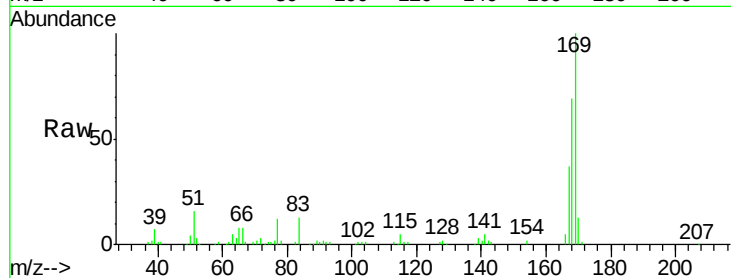
Tot Ion:169 Resp: 104751

Ion Ratio Lower Upper

169 100

168 68.5 48.9 73.3

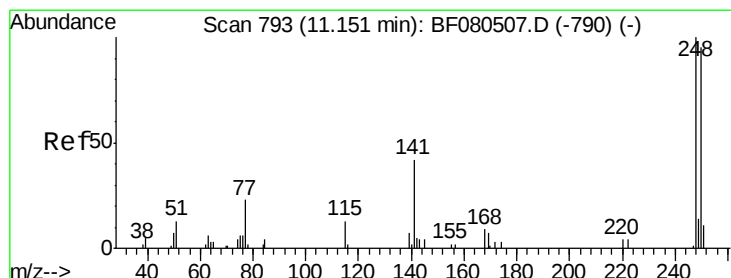
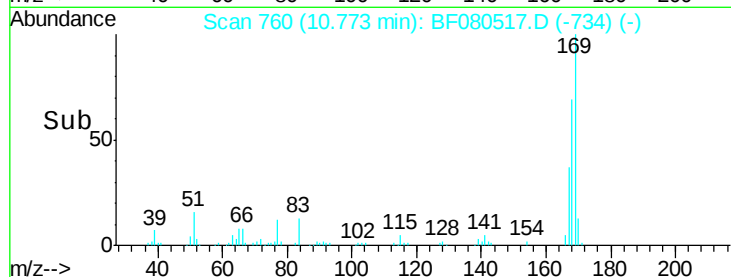
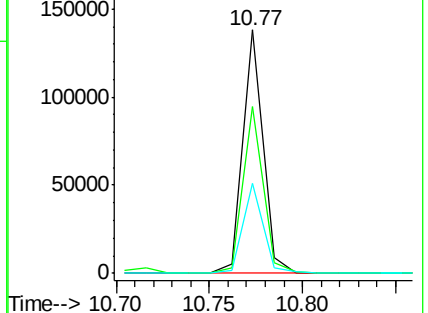
167 37.1 26.2 39.4



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: 35.66 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

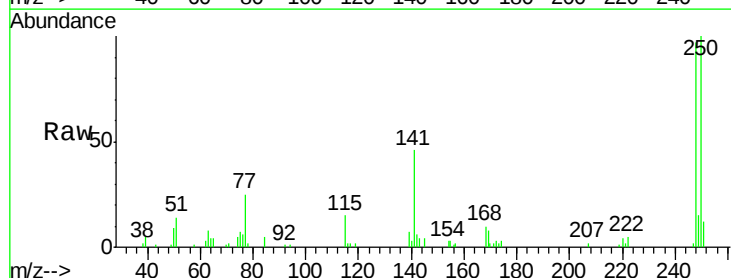
Tgt Ion:248 Resp: 28595

Ion Ratio Lower Upper

248 100

250 103.0 78.5 117.7

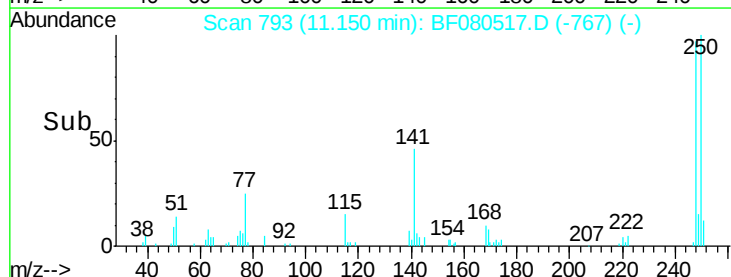
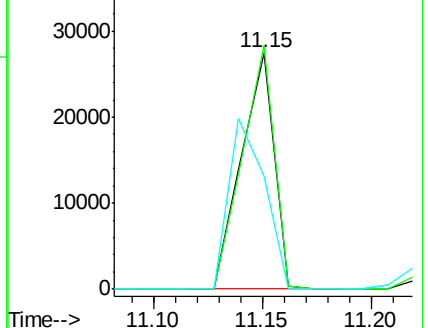
141 47.6 59.0 88.6#

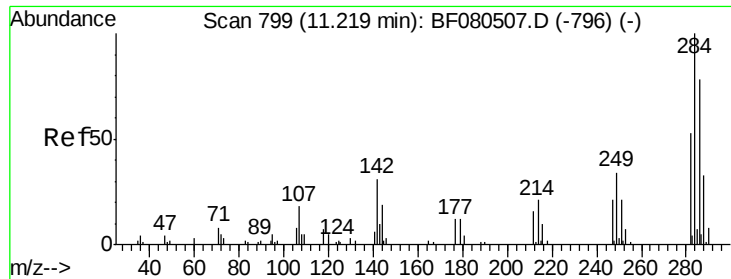


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

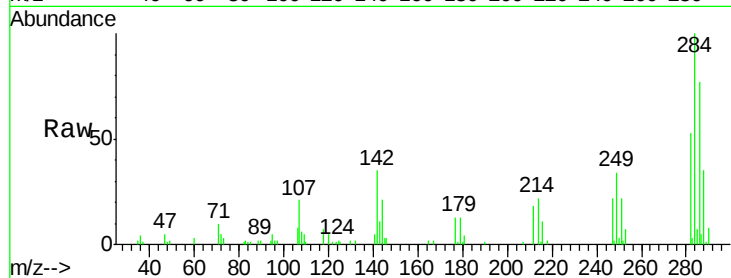




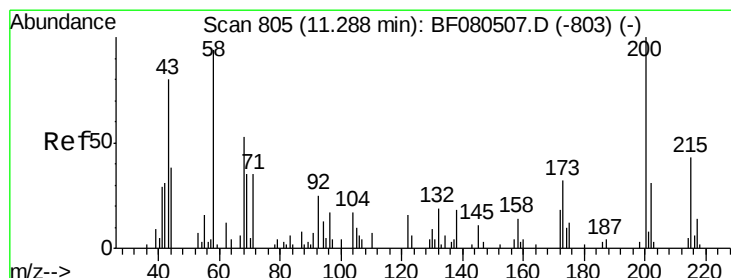
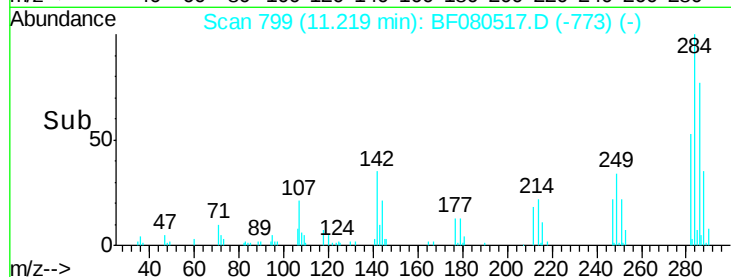
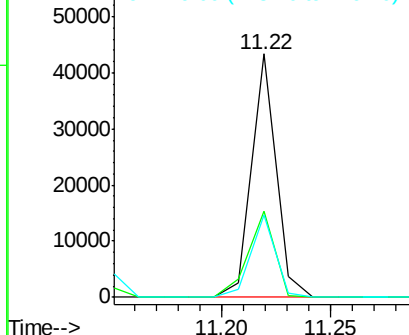
#67
Hexachlorobenzene
Concen: 38.38 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:284 Resp: 34031
Ion Ratio Lower Upper
284 100
142 35.3 29.5 44.3
249 33.9 19.5 29.3#

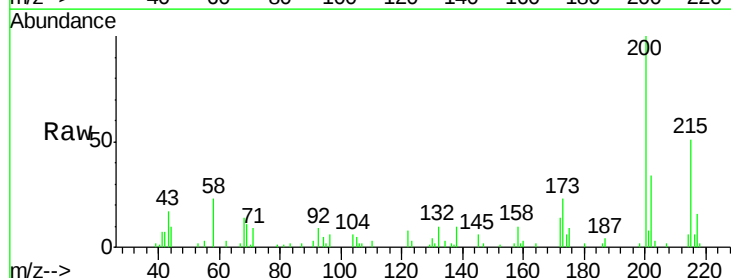


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

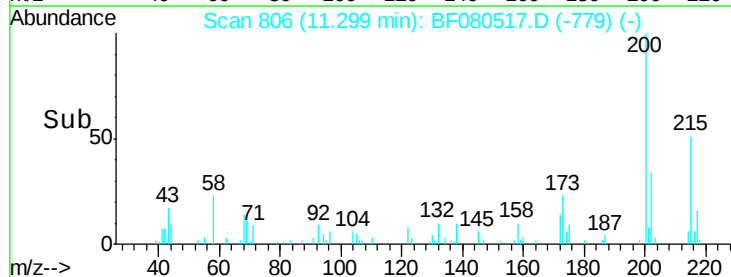
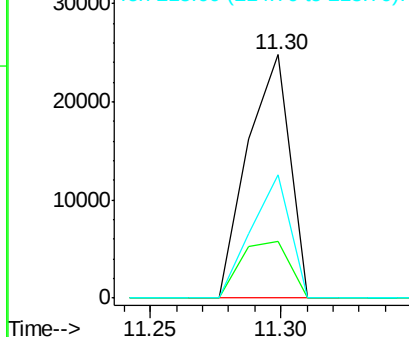


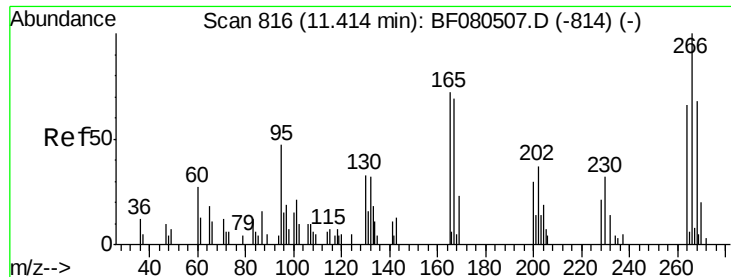
#68
Atrazine
Concen: 37.15 ng
RT: 11.30 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:200 Resp: 28169
Ion Ratio Lower Upper
200 100
173 23.1 13.2 53.2
215 50.8 41.8 81.8



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

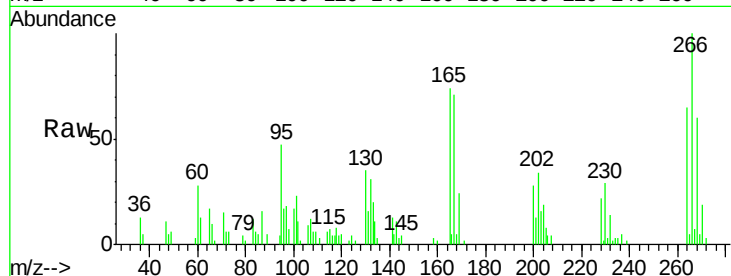




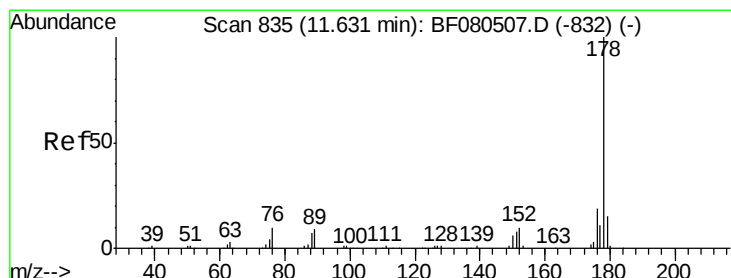
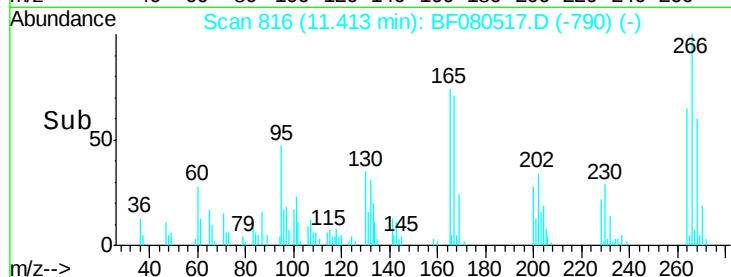
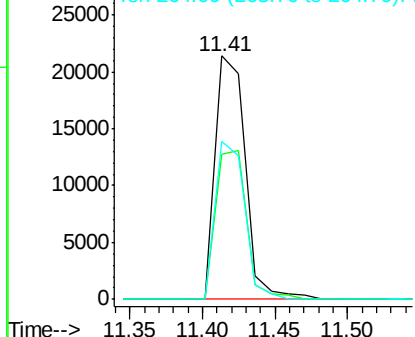
#69
 Pentachlorophenol
 Concen: 65.80 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Tot Ion:266 Resp: 30743
 Ion Ratio Lower Upper
 266 100
 268 59.5 49.8 74.6
 264 64.8 50.2 75.2

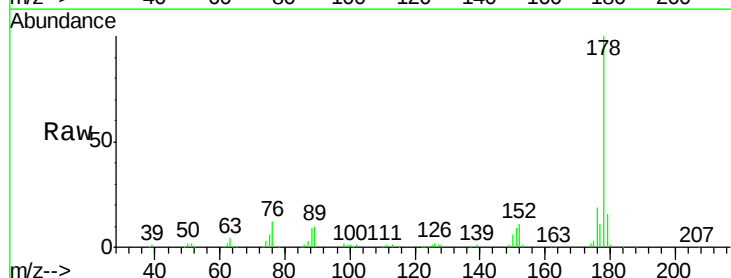


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

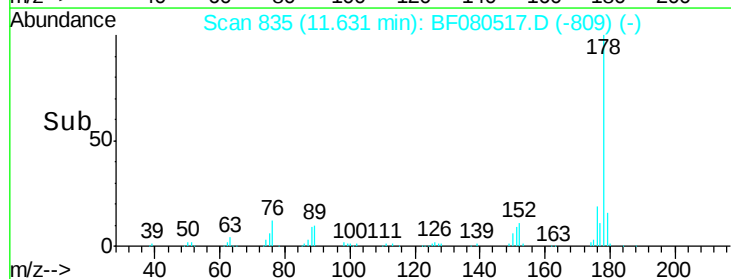
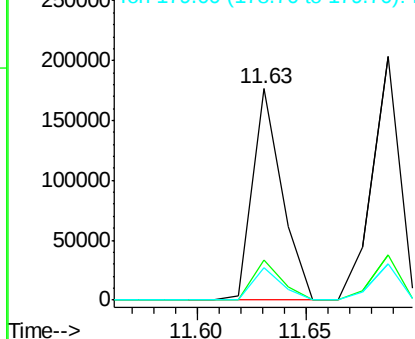


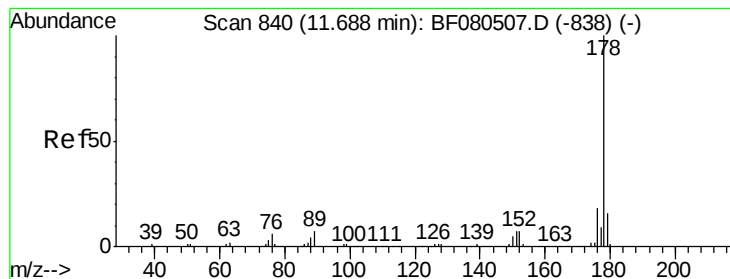
#70
 Phenanthrene
 Concen: 35.81 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:178 Resp: 166033
 Ion Ratio Lower Upper
 178 100
 176 19.1 13.8 20.8
 179 15.5 12.2 18.2



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





#71

Anthracene

Concen: 40.47 ng

RT: 11.69 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

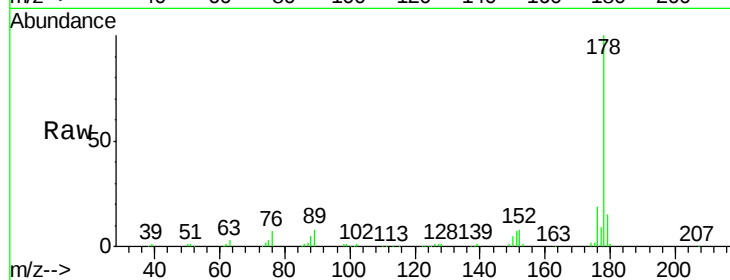
Tot Ion:178 Resp: 177916

Ion Ratio Lower Upper

178 100

176 18.8 14.1 21.1

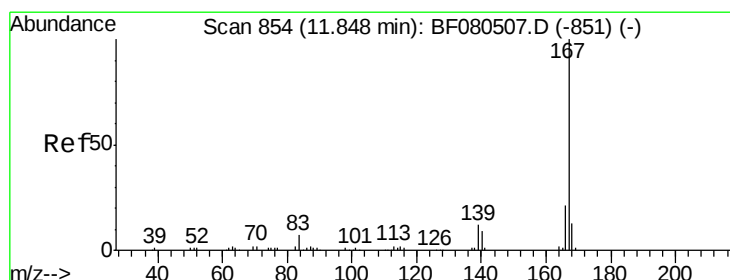
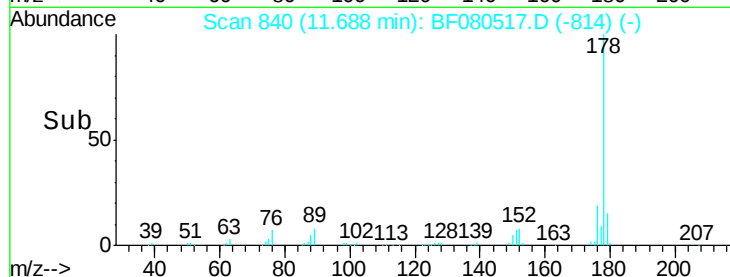
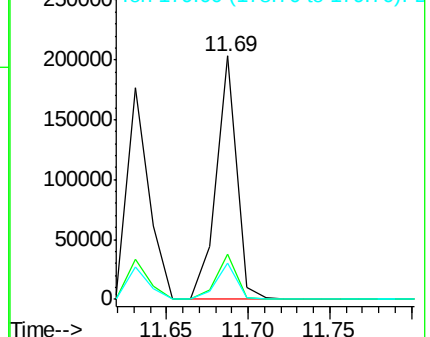
179 15.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.00 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

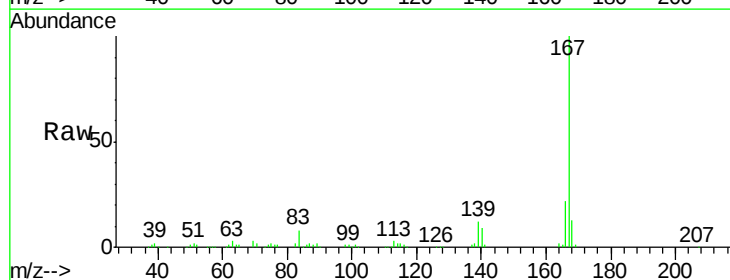
Tgt Ion:167 Resp: 158108

Ion Ratio Lower Upper

167 100

166 21.7 15.7 23.5

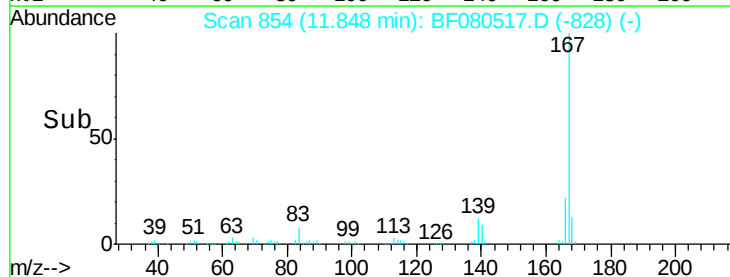
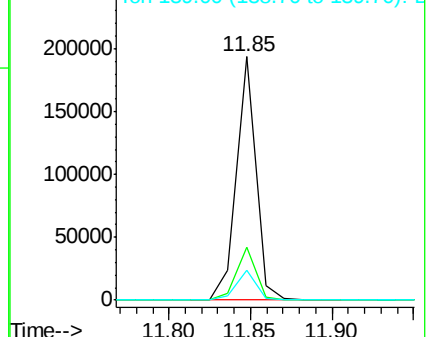
139 12.1 9.5 14.3

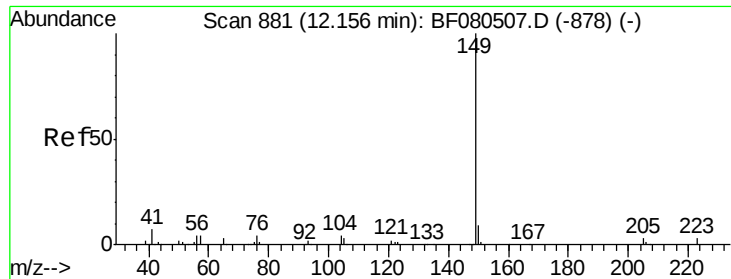


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.49 ng

RT: 12.16 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

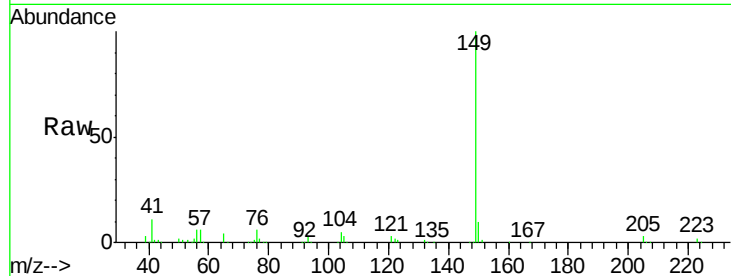
Tot Ion:149 Resp: 164903

Ion Ratio Lower Upper

149 100

150 9.6 7.4 11.2

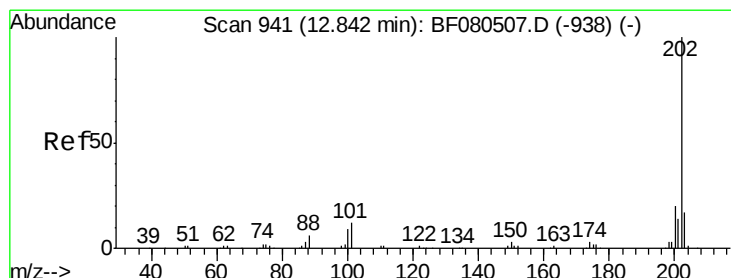
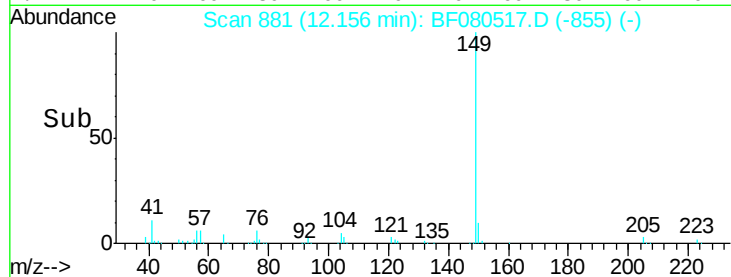
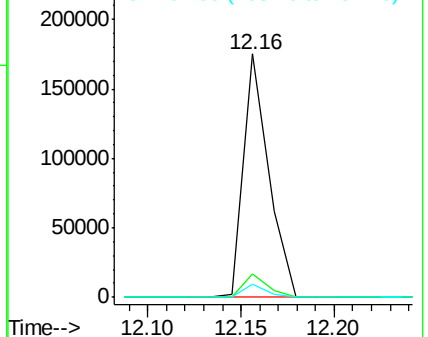
104 5.3 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.96 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

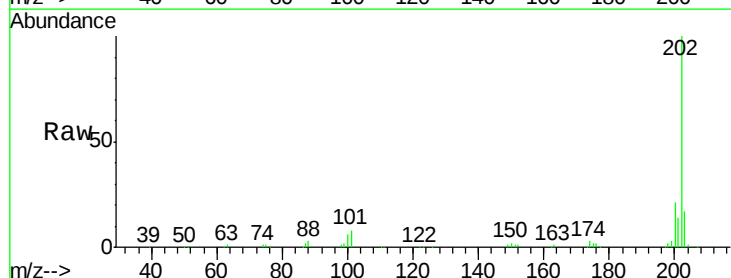
Tgt Ion:202 Resp: 164812

Ion Ratio Lower Upper

202 100

101 7.7 0.0 38.3

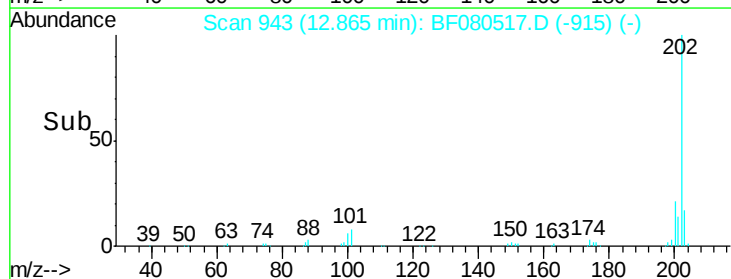
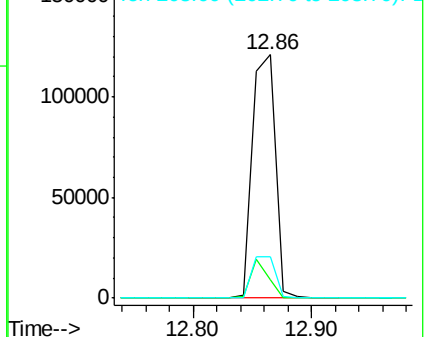
203 17.1 0.0 37.3

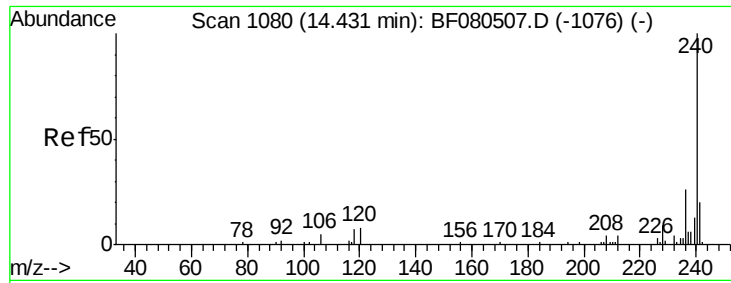


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 1084

Delta R.T. 0.05 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

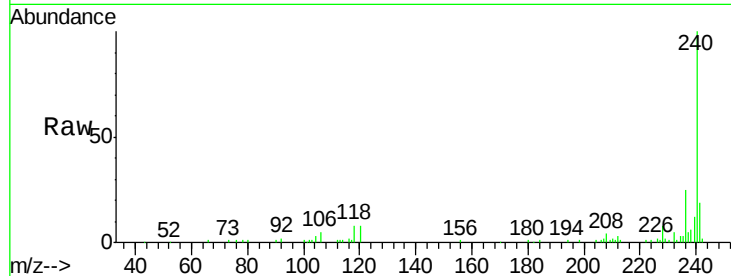
Tot Ion:240 Resp: 77816

Ion Ratio Lower Upper

240 100

120 7.9 16.2 24.2#

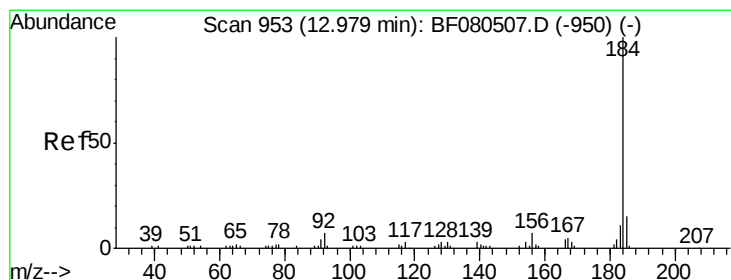
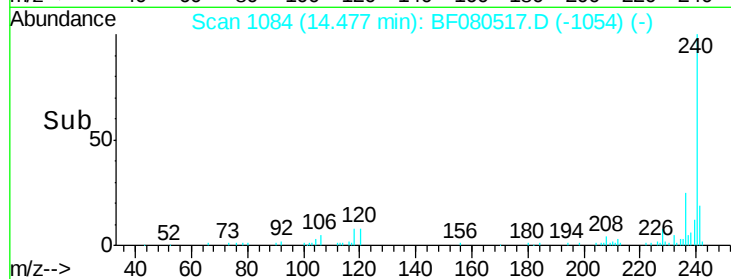
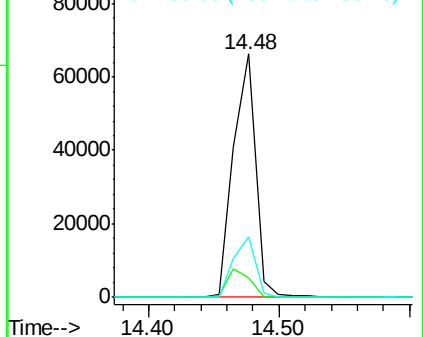
236 24.9 18.4 27.6



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: 33.40 ng

RT: 12.99 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

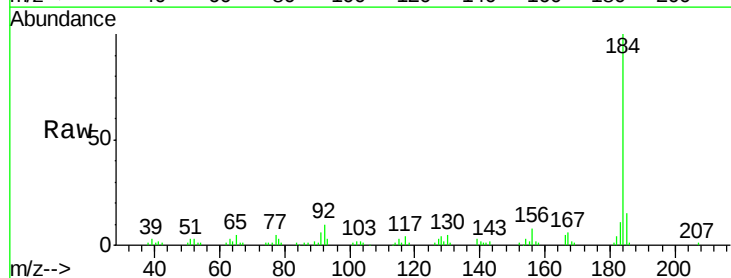
Tgt Ion:184 Resp: 85590

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.6

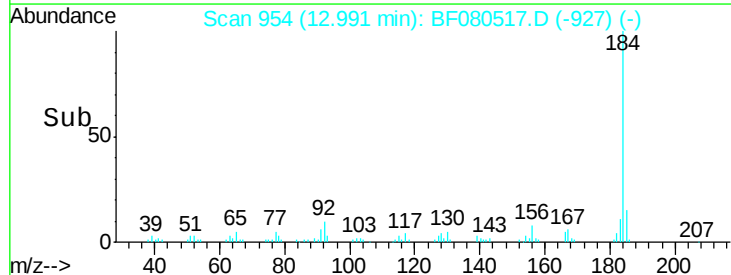
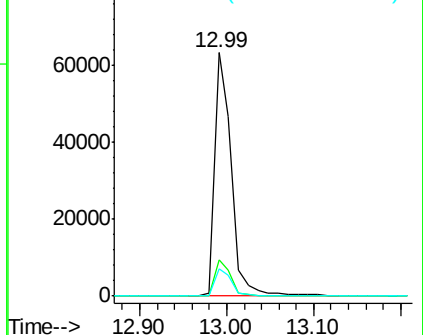
183 11.2 7.6 11.4

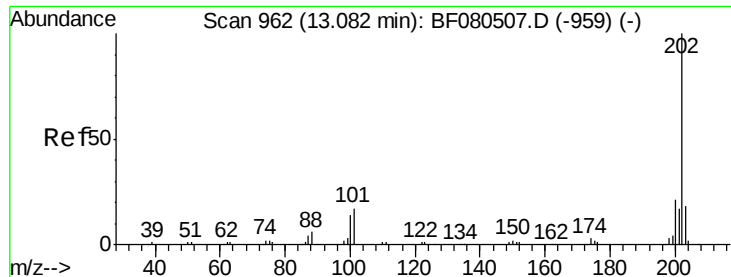


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.08 ng

RT: 13.10 min Scan# 964

Delta R.T. 0.02 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

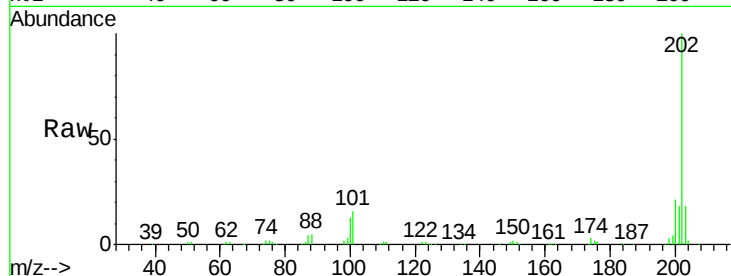
Tot Ion:202 Resp: 177993

Ion Ratio Lower Upper

202 100

200 21.5 15.0 22.4

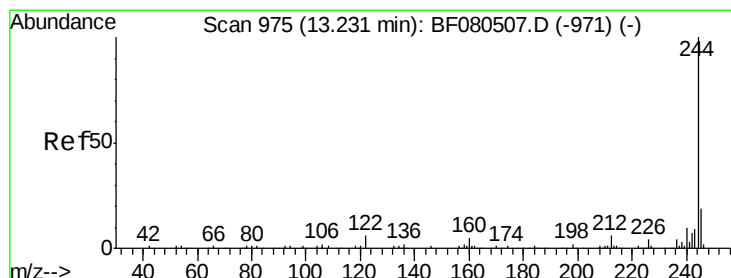
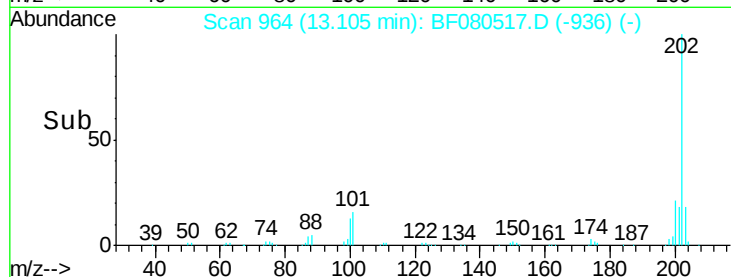
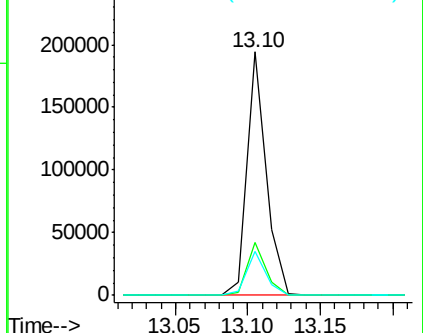
203 18.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.59 ng

RT: 13.25 min Scan# 977

Delta R.T. 0.02 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

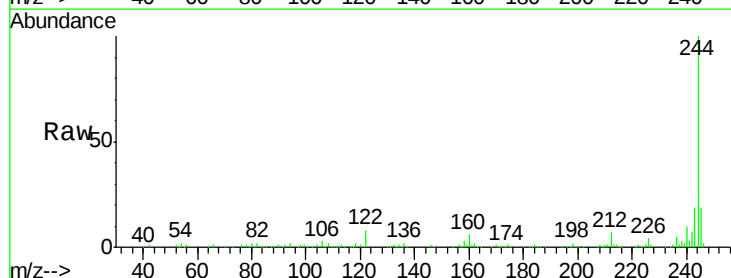
Tgt Ion:244 Resp: 253681

Ion Ratio Lower Upper

244 100

212 7.0 4.3 6.5#

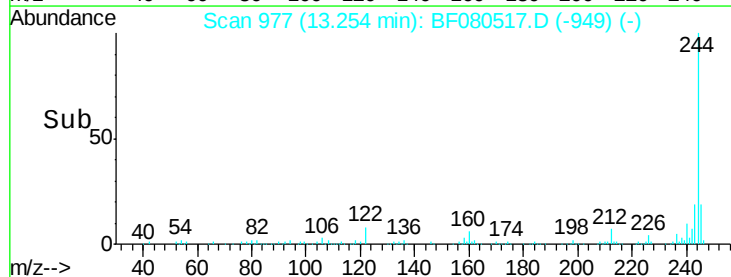
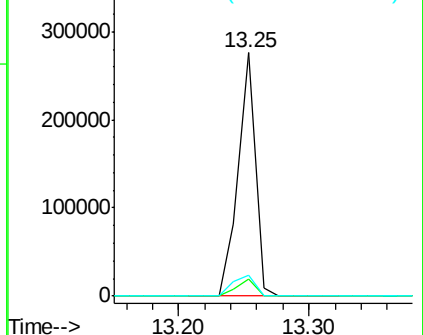
122 8.4 17.4 26.2#

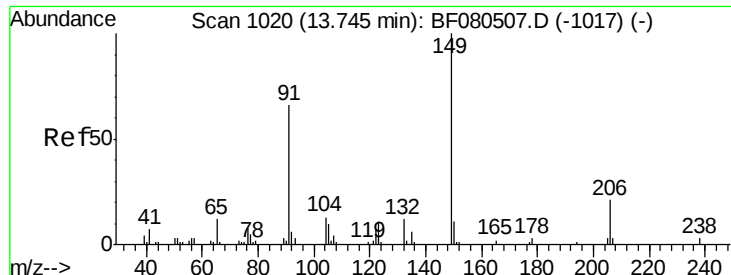


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

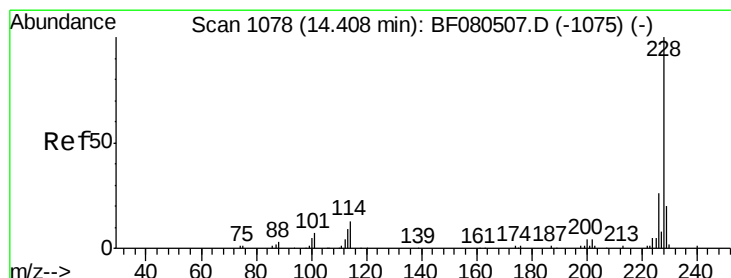
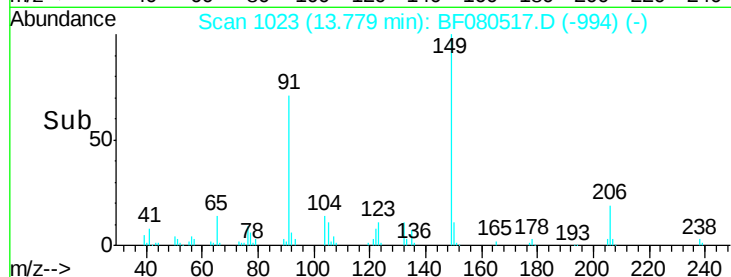
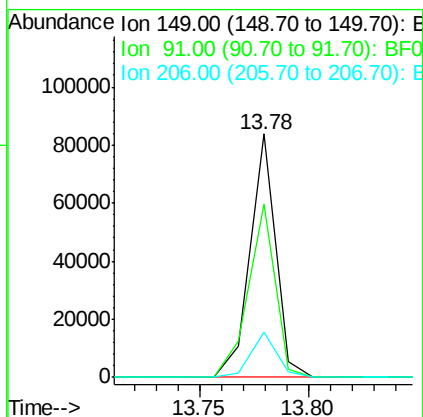
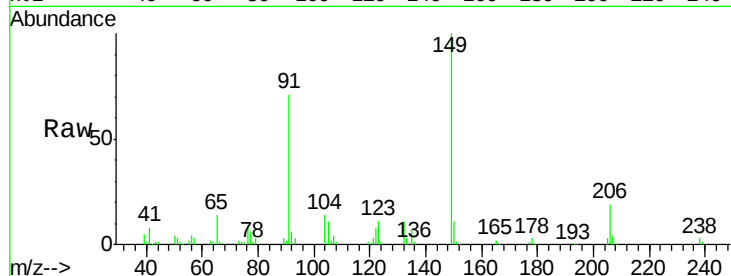




#79
Butylbenzylphthalate
Concen: 37.89 ng
RT: 13.78 min Scan# 1023
Delta R.T. 0.03 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

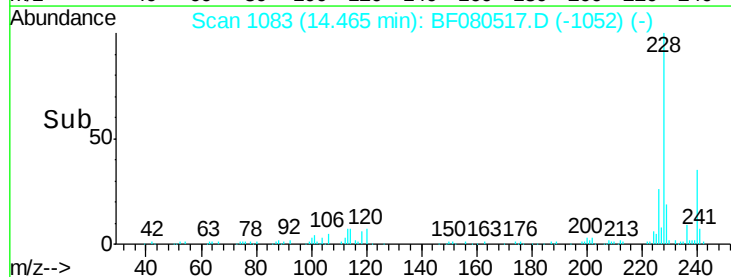
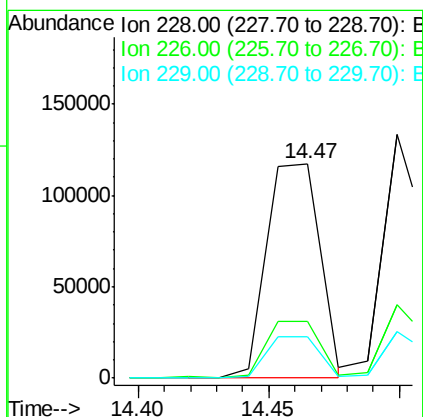
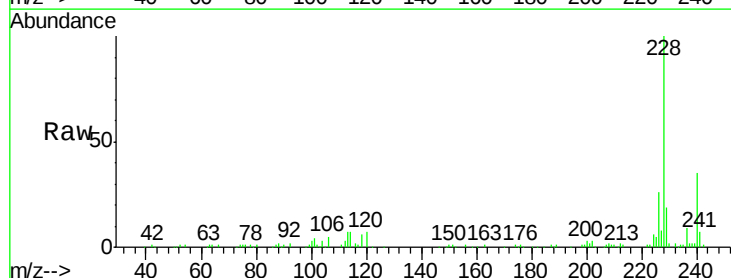
Instrument :
BNA_F
ClientSampleId :
PB84482BS

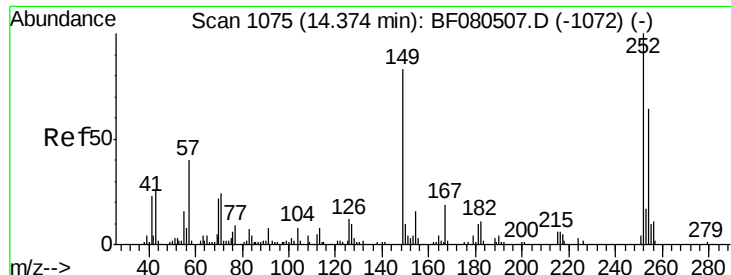
Tot Ion:149 Resp: 68848
Ion Ratio Lower Upper
149 100
91 70.9 48.6 72.8
206 18.6 14.9 22.3



#80
Benzo(a)anthracene
Concen: 38.29 ng
RT: 14.47 min Scan# 1083
Delta R.T. 0.06 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:228 Resp: 167206
Ion Ratio Lower Upper
228 100
226 26.4 20.0 30.0
229 19.1 15.4 23.2

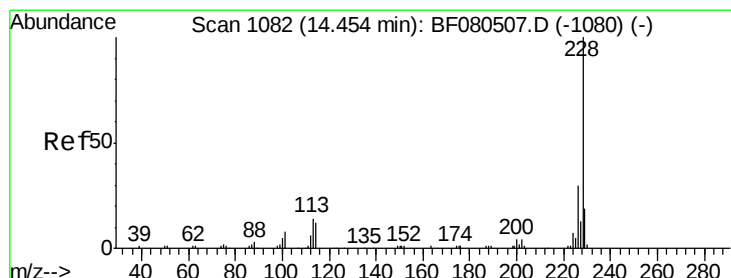
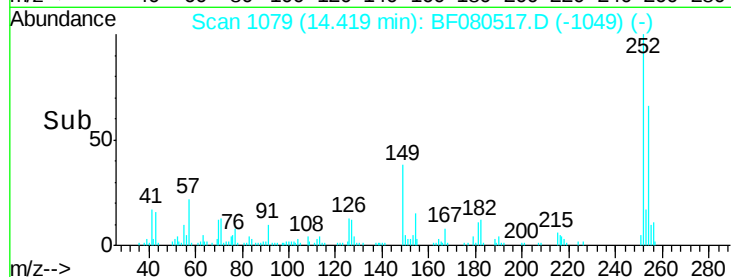
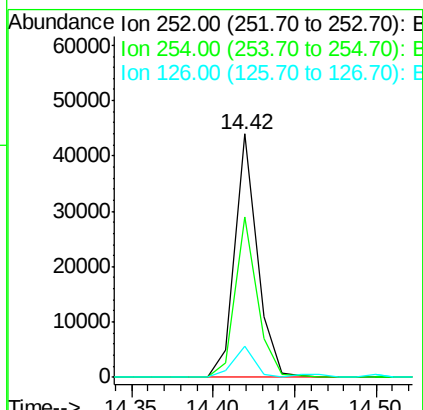
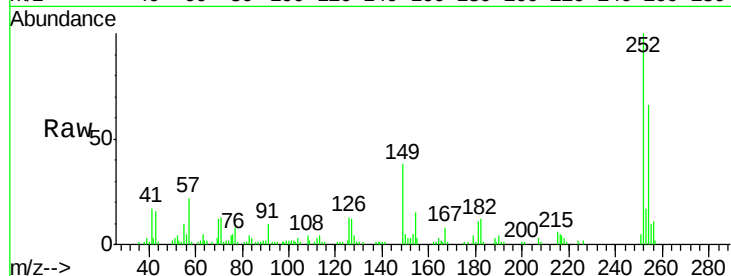




#81
 3,3'-Dichlorobenzidine
 Concen: 29.28 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. 0.05 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

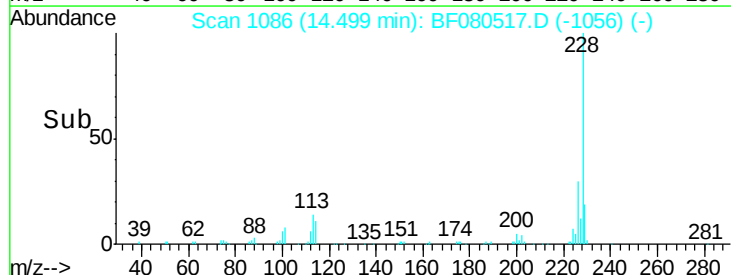
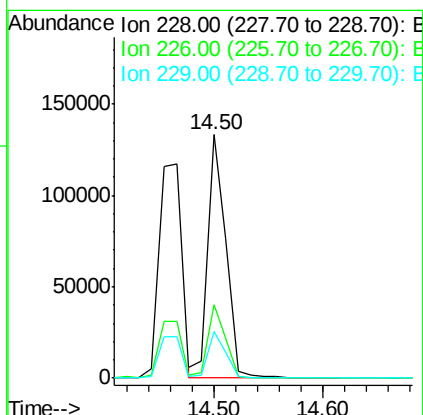
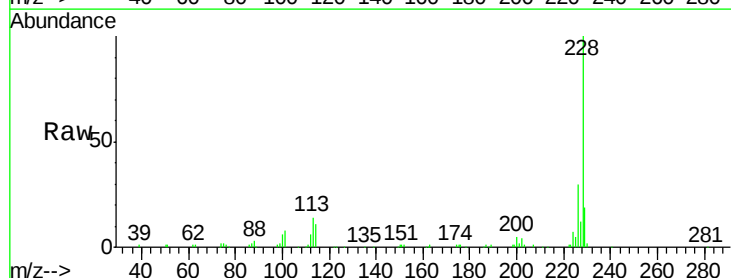
Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

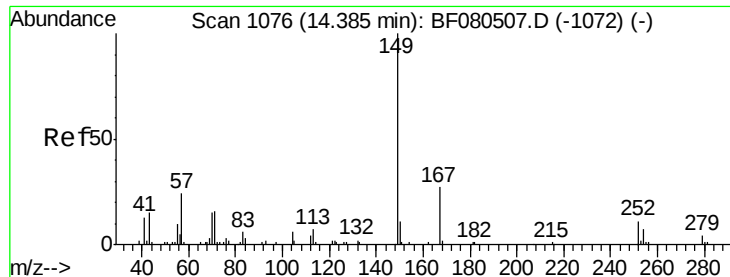
Tot Ion:252 Resp: 41805
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.4 77.2
 126 12.7 16.4 24.6#



#82
 Chrysene
 Concen: 36.77 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. 0.05 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:228 Resp: 156172
 Ion Ratio Lower Upper
 228 100
 226 30.4 21.0 31.4
 229 19.1 15.6 23.4

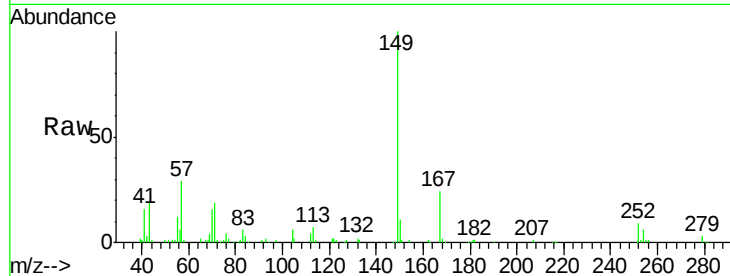




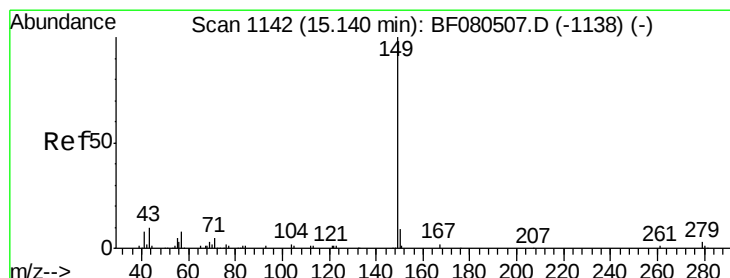
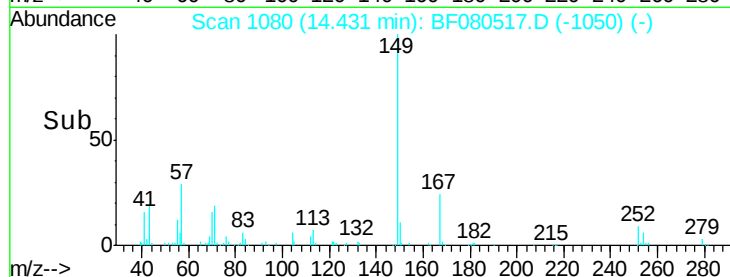
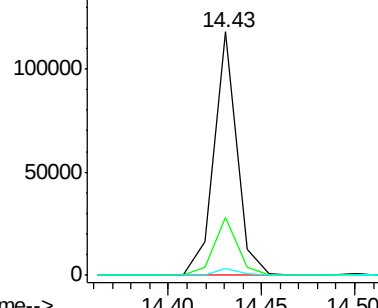
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.39 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. 0.05 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB84482BS

Tot Ion:149 Resp: 101989
 Ion Ratio Lower Upper
 149 100
 167 24.1 24.2 36.2#
 279 2.7 3.8 5.6#

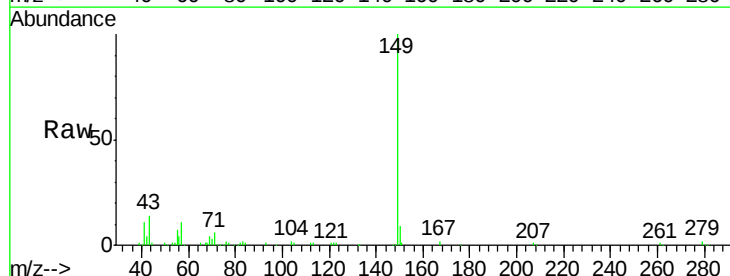


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

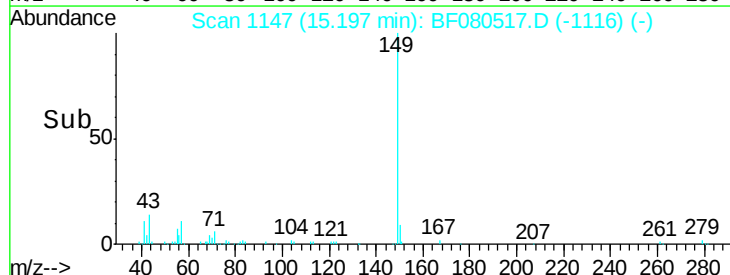
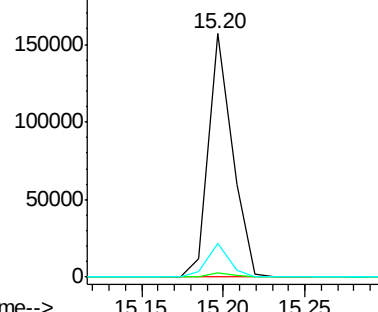


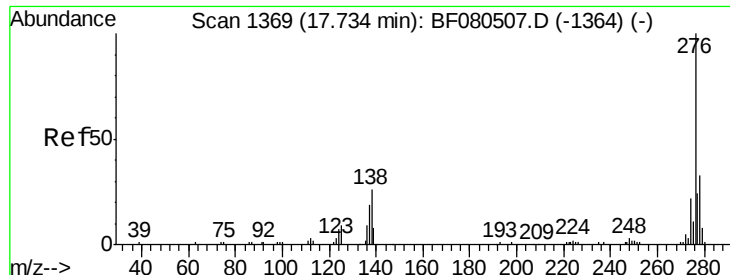
#84
 Di-n-octyl phthalate
 Concen: 37.14 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. 0.06 min
 Lab File: BF080517.D
 Acq: 16 Jul 2015 18:48

Tgt Ion:149 Resp: 157905
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

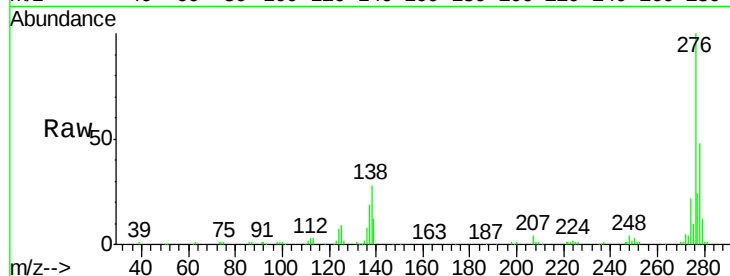




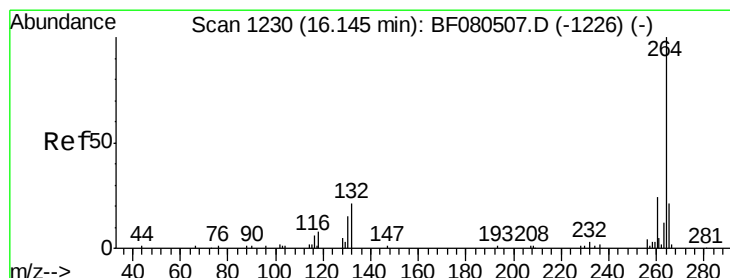
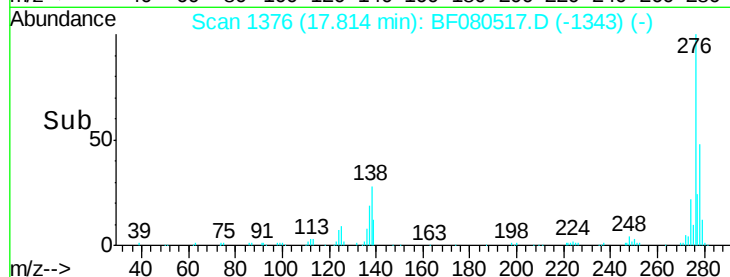
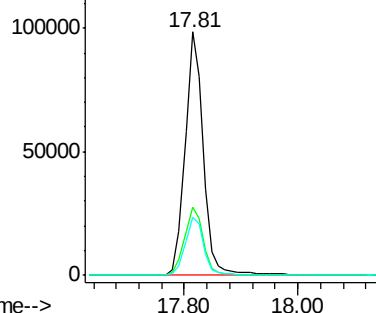
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.80 ng
RT: 17.81 min Scan# 1376
Delta R.T. 0.08 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Instrument :
BNA_F
ClientSampleId :
PB84482BS

Tot Ion:276 Resp: 217071
Ion Ratio Lower Upper
276 100
138 29.3 25.7 38.5
277 24.2 15.6 23.4#

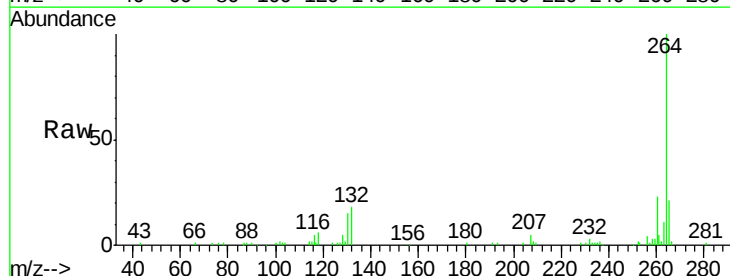


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

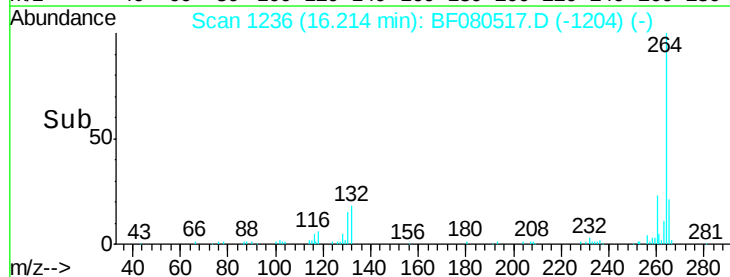
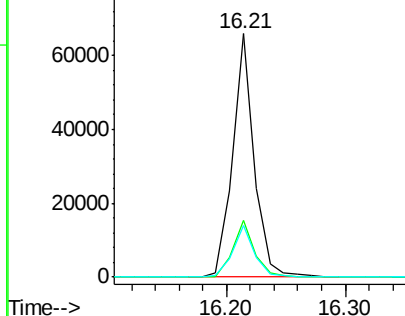


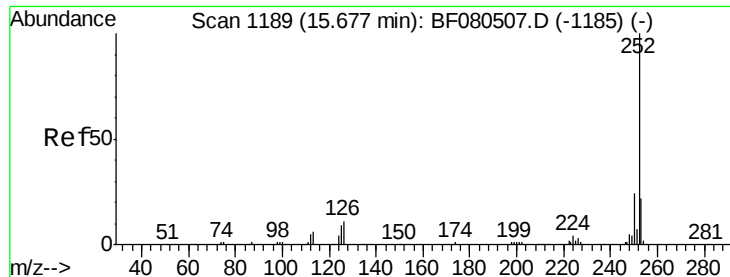
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.21 min Scan# 1236
Delta R.T. 0.07 min
Lab File: BF080517.D
Acq: 16 Jul 2015 18:48

Tgt Ion:264 Resp: 82571
Ion Ratio Lower Upper
264 100
260 23.4 16.7 25.1
265 21.4 17.2 25.8



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: 36.13 ng

RT: 15.75 min Scan# 1195

Delta R.T. 0.07 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

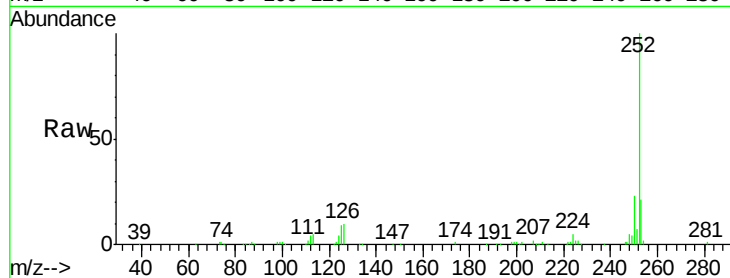
Tot Ion:252 Resp: 172647

Ion Ratio Lower Upper

252 100

253 20.7 17.5 26.3

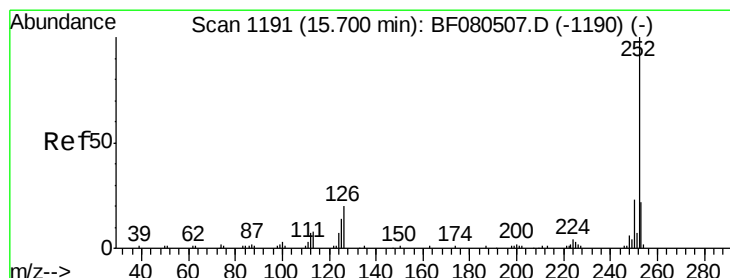
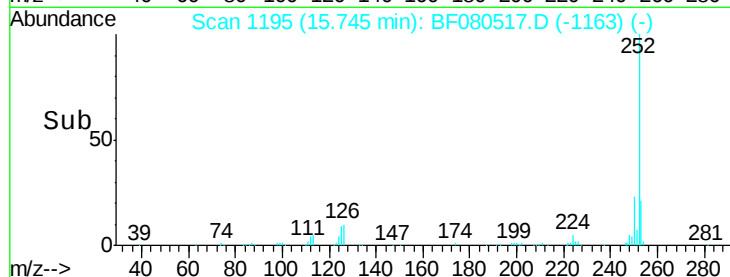
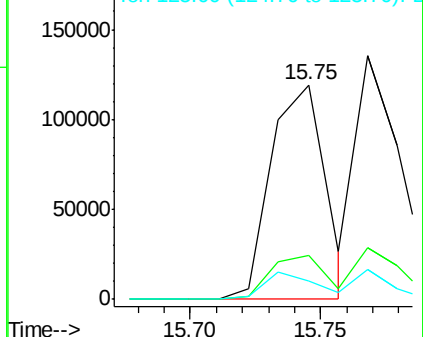
125 8.6 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 35.54 ng

RT: 15.75 min Scan# 1195

Delta R.T. 0.05 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

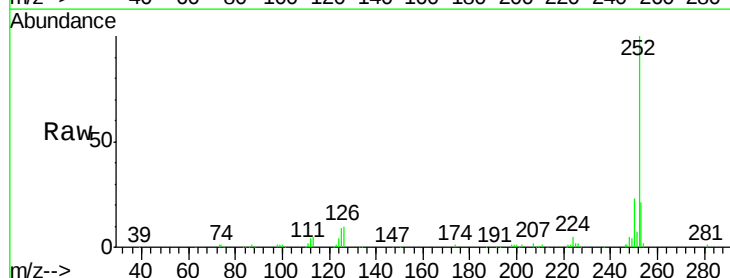
Tgt Ion:252 Resp: 172647

Ion Ratio Lower Upper

252 100

253 20.7 17.0 25.4

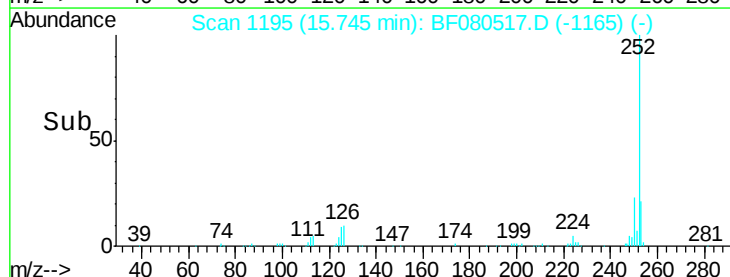
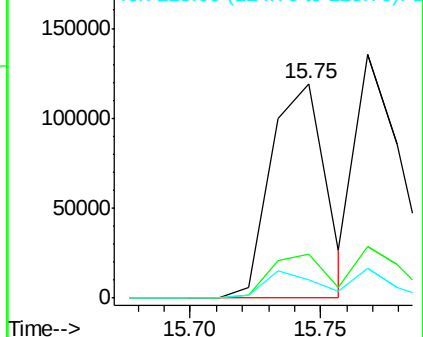
125 8.6 16.0 24.0#

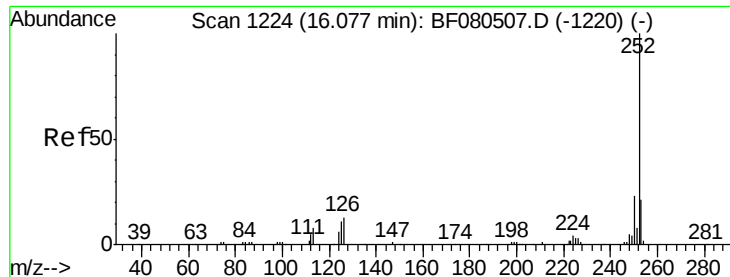


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.53 ng

RT: 16.15 min Scan# 1230

Delta R.T. 0.07 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

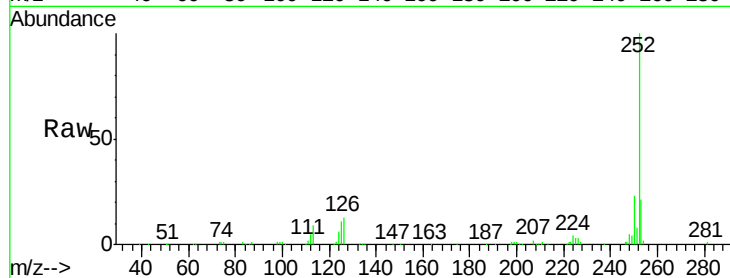
Tot Ion:252 Resp: 172180

Ion Ratio Lower Upper

252 100

253 20.7 17.2 25.8

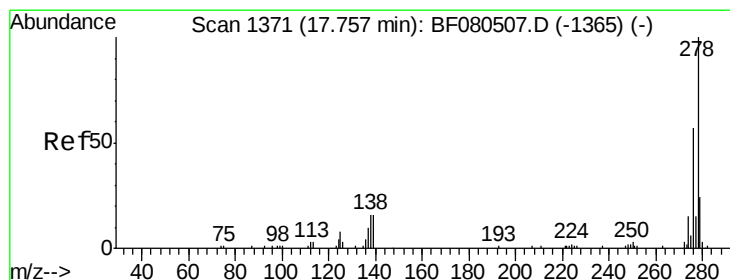
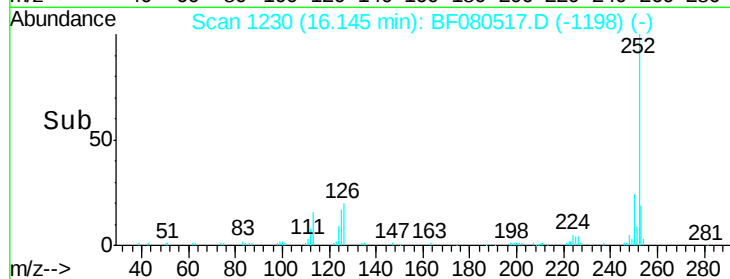
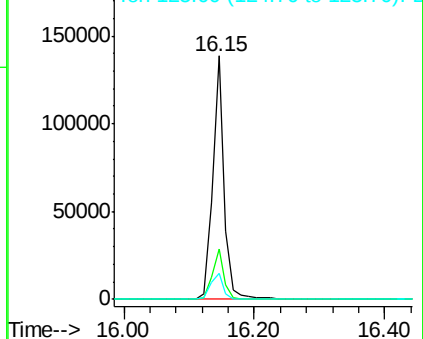
125 10.8 18.0 27.0#



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: 36.11 ng

RT: 17.83 min Scan# 1377

Delta R.T. 0.07 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

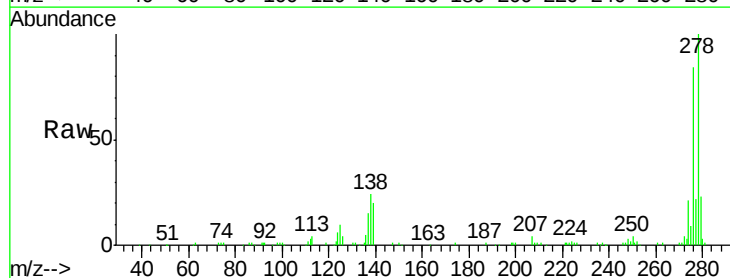
Tgt Ion:278 Resp: 177630

Ion Ratio Lower Upper

278 100

139 19.6 26.3 39.5#

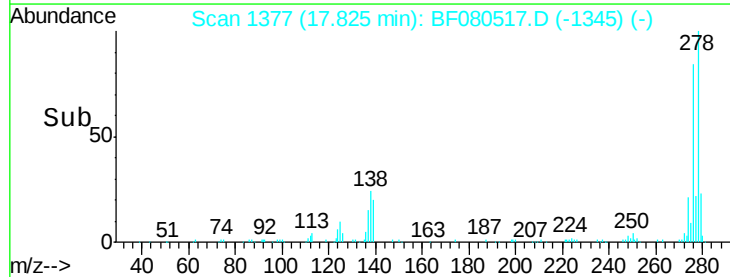
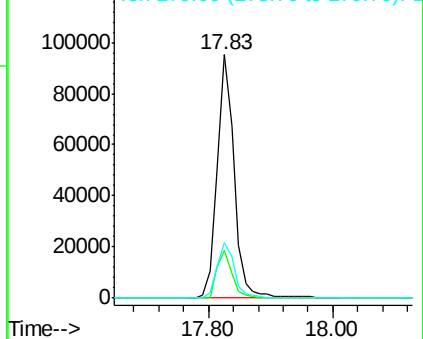
279 22.7 18.2 27.4

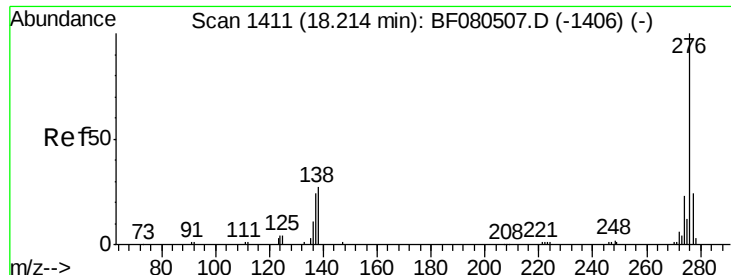


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.71 ng

RT: 18.29 min Scan# 1418

Delta R.T. 0.08 min

Lab File: BF080517.D

Acq: 16 Jul 2015 18:48

Instrument :

BNA_F

ClientSampleId :

PB84482BS

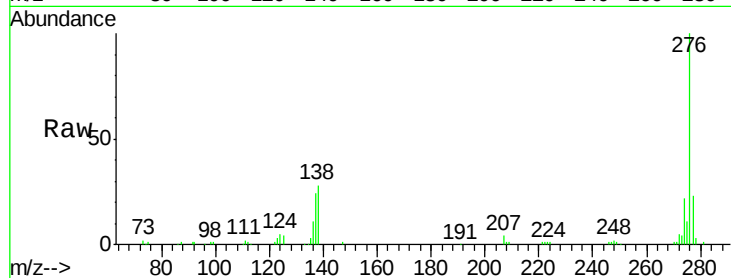
Tot Ion: 276 Resp: 182391

Ion Ratio Lower Upper

276 100

277 22.8 17.8 26.6

138 28.1 34.6 51.8#



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

