

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080511.D
 Acq On : 16 Jul 2015 15:26
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Quant Time: Jul 16 17:15:58 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	17969	20.00	ng	0.00
21) Naphthalene-d8	8.36	136	78827	20.00	ng	0.00
38) Acenaphthene-d10	10.12	164	34534	20.00	ng	0.00
63) Phenanthrene-d10	11.61	188	64611	20.00	ng	0.00
75) Chrysene-d12	14.43	240	53199	20.00	ng	0.00
86) Perylene-d12	16.16	264	49712	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	92268	87.54	ng	0.00
7) Phenol-d6	6.72	99	122402	85.51	ng	0.00
23) Nitrobenzene-d5	7.64	82	110879	82.57	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	24465	91.05	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	217559	85.73	ng	0.00
78) Terphenyl-d14	13.23	244	222019	86.53	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	21827	41.93	ng	# 81
3) Pyridine	3.71	79	45789	38.71	ng	87
4) n-Nitrosodimethylamine	3.55	42	29802	45.23	ng	81
6) Aniline	6.75	93	77494	41.99	ng	# 90
8) 2-Chlorophenol	6.86	128	50783	42.95	ng	83
9) Benzaldehyde	6.62	77	42666	43.91	ng	# 68
10) Phenol	6.73	94	66274	43.04	ng	# 63
11) bis(2-Chloroethyl)ether	6.81	93	45768	40.83	ng	89
12) 1,3-Dichlorobenzene	7.01	146	61086	41.30	ng	# 92
13) 1,4-Dichlorobenzene	7.25	146	54083	35.36	ng	96
14) 1,2-Dichlorobenzene	7.25	146	54083	40.31	ng	97
15) Benzyl Alcohol	7.22	79	41926	41.96	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	7.34	45	84983	42.27	ng	63
17) 2-Methylphenol	7.33	107	40150	42.42	ng	# 78
18) Hexachloroethane	7.60	117	18495	40.43	ng	# 64
19) n-Nitroso-di-n-propylamine	7.48	70	35410	40.76	ng	# 81
20) 3+4-Methylphenols	7.49	107	54618	42.71	ng	# 79
22) Acetophenone	7.48	105	73213	41.97	ng	# 78
24) Nitrobenzene	7.66	77	53927	39.78	ng	# 75
25) Isophorone	7.89	82	96222	40.57	ng	# 91
26) 2-Nitrophenol	7.98	139	23251	39.52	ng	# 81
27) 2,4-Dimethylphenol	8.02	122	45505	40.04	ng	# 80
28) bis(2-Chloroethoxy)methane	8.10	93	58798	42.21	ng	# 92
29) 2,4-Dichlorophenol	8.22	162	43284	41.79	ng	97
30) 1,2,4-Trichlorobenzene	8.30	180	44858	37.72	ng	97
31) Naphthalene	8.38	128	154278	39.85	ng	100
32) Benzoic acid	8.10	122	22076	37.74	ng	# 59
33) 4-Chloroaniline	8.44	127	59789	39.73	ng	# 89
34) Hexachlorobutadiene	8.50	225	28450	41.32	ng	98
35) Caprolactam	8.78	113	10004	40.87	ng	94
36) 4-Chloro-3-methylphenol	8.92	107	43977	40.20	ng	# 80
37) 2-Methylnaphthalene	9.07	142	95504	41.28	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	46318	41.82	ng	98
40) Hexachlorocyclopentadiene	9.23	237	22376	41.17	ng	96

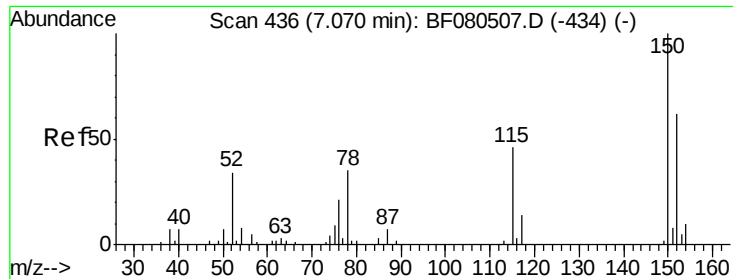
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	30838	46.52	ng	99
43) 2,4,5-Trichlorophenol	9.40	196	30503	43.23	ng	96
45) 1,1'-Biphenyl	9.54	154	115069	40.77	ng	95
46) 2-Chloronaphthalene	9.56	162	90752	42.93	ng	# 92
47) 2-Nitroaniline	9.66	65	24588	45.13	ng	# 56
48) Acenaphthylene	9.98	152	149442	42.20	ng	98
49) Dimethylphthalate	9.84	163	98703	41.67	ng	# 96
50) 2,6-Dinitrotoluene	9.89	165	19119	41.25	ng	# 23
51) Acenaphthene	10.16	154	87944	42.03	ng	88
52) 3-Nitroaniline	10.08	138	22603	44.15	ng	# 42
53) 2,4-Dinitrophenol	10.18	184	8527	39.04	ng	# 60
54) Dibenzofuran	10.33	168	121888	40.29	ng	94
55) 4-Nitrophenol	10.25	139	16038	43.49	ng	# 29
56) 2,4-Dinitrotoluene	10.30	165	28012	41.71	ng	# 93
57) Fluorene	10.67	166	98545	41.49	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.45	232	21748	42.24	ng	100
59) Diethylphthalate	10.53	149	92736	41.51	ng	97
60) 4-Chlorophenyl-phenylether	10.66	204	43151	40.60	ng	94
61) 4-Nitroaniline	10.69	138	23292	45.95	ng	# 46
62) Azobenzene	10.81	77	101808	43.38	ng	# 80
64) 4,6-Dinitro-2-methylphenol	10.72	198	11840	37.60	ng	# 69
65) n-Nitrosodiphenylamine	10.77	169	89961	40.94	ng	92
66) 4-Bromophenyl-phenylether	11.15	248	24436	38.83	ng	# 81
67) Hexachlorobenzene	11.22	284	29042	41.74	ng	# 83
68) Atrazine	11.29	200	22068	37.09	ng	83
69) Pentachlorophenol	11.41	266	12001	35.65	ng	96
70) Phenanthrene	11.63	178	150411	41.34	ng	97
71) Anthracene	11.69	178	140356	40.68	ng	99
72) Carbazole	11.85	167	118255	39.08	ng	97
73) Di-n-butylphthalate	12.16	149	146961	41.44	ng	# 98
74) Fluoranthene	12.84	202	136435	40.04	ng	95
76) Benzidine	12.98	184	71709	40.93	ng	# 97
77) Pyrene	13.09	202	144030	41.52	ng	97
79) Butylbenzylphthalate	13.75	149	48191	38.80	ng	# 66
80) Benzo(a)anthracene	14.42	228	123435	41.35	ng	98
81) 3,3'-Dichlorobenzidine	14.39	252	38782	39.73	ng	# 93
82) Chrysene	14.47	228	122942	42.34	ng	96
83) Bis(2-ethylhexyl)phthalate	14.39	149	75797	41.74	ng	# 87
84) Di-n-octyl phthalate	15.14	149	112290	38.40	ng	99
85) Indeno(1,2,3-cd)pyrene	17.75	276	162989	45.83	ng	# 93
87) Benzo(b)fluoranthene	15.68	252	129433	44.99	ng	# 90
88) Benzo(k)fluoranthene	15.68	252	129433	44.26	ng	# 91
89) Benzo(a)pyrene	16.08	252	112905	41.97	ng	# 93
90) Dibenzo(a,h)anthracene	17.76	278	131481	44.40	ng	# 85
91) Benzo(g,h,i)perylene	18.23	276	137446	44.69	ng	# 79

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

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ICVBF071615

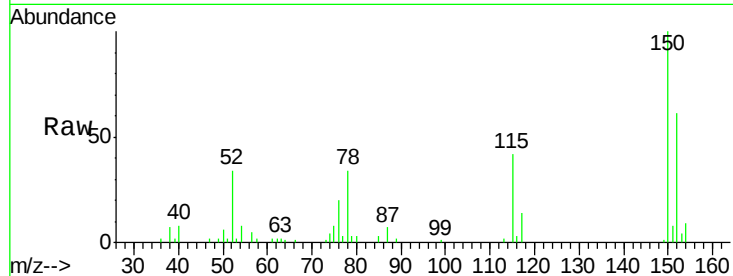
Tgt Ion:152 Resp: 17969

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

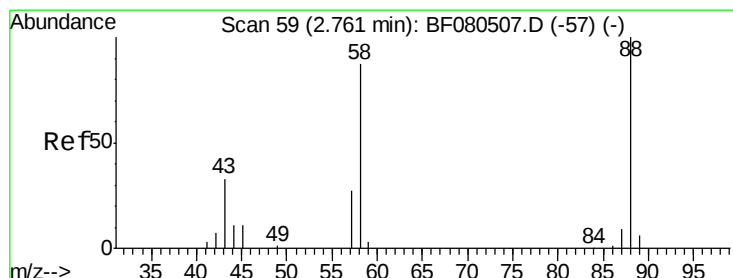
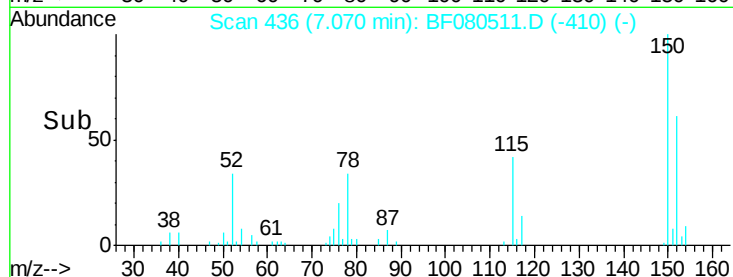
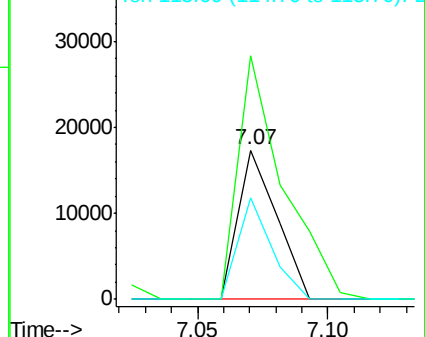
115 68.0 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 41.93 ng

RT: 2.76 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

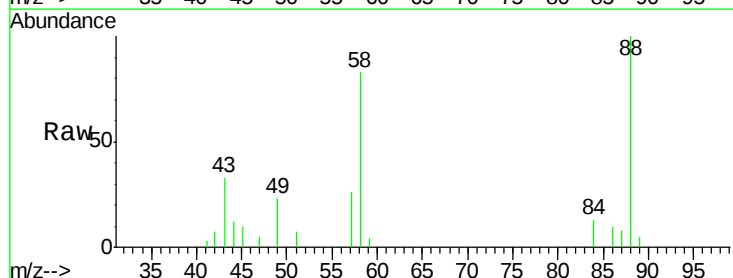
Tgt Ion: 88 Resp: 21827

Ion Ratio Lower Upper

88 100

58 74.9 77.7 116.5#

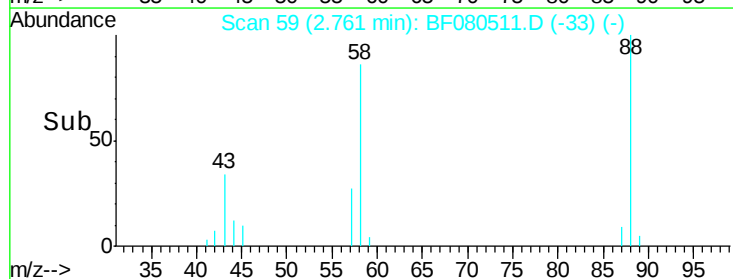
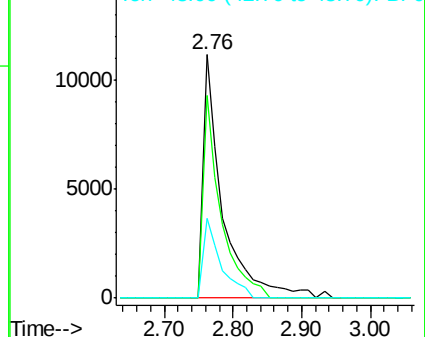
43 29.4 26.6 40.0

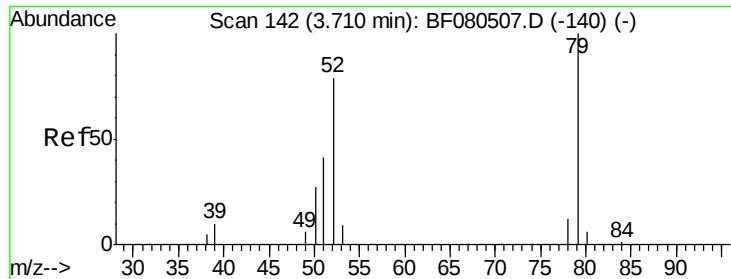


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.71 ng

RT: 3.71 min Scan# 142

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

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ClientSampleId :

ICVBF071615

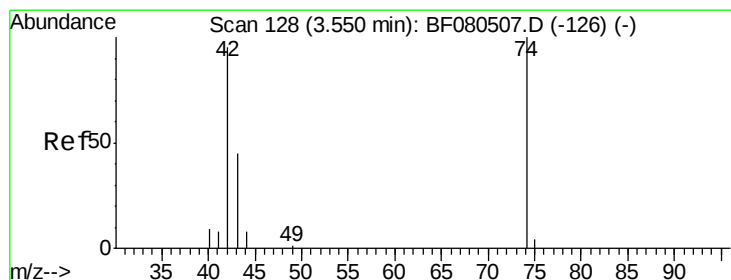
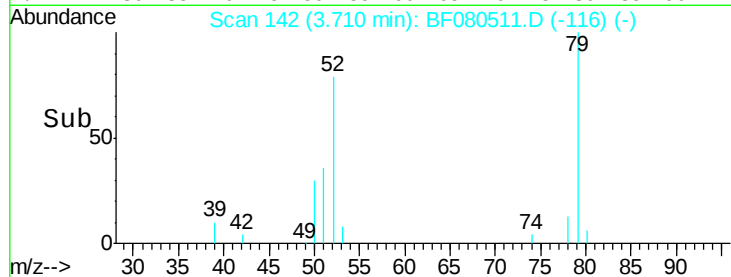
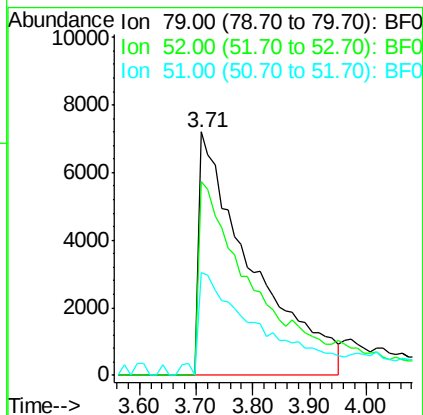
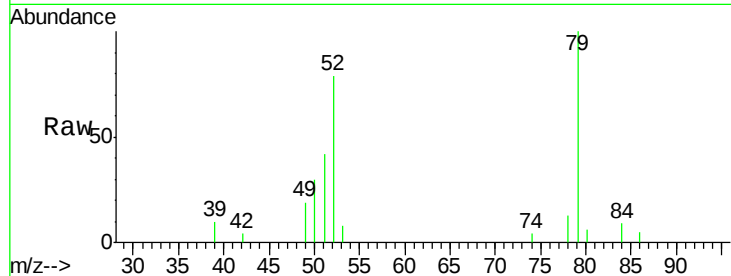
Tgt Ion: 79 Resp: 45789

Ion Ratio Lower Upper

79 100

52 79.4 76.8 115.2

51 42.2 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 45.23 ng

RT: 3.55 min Scan# 128

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

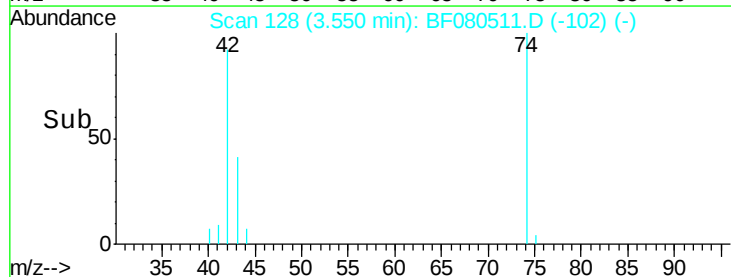
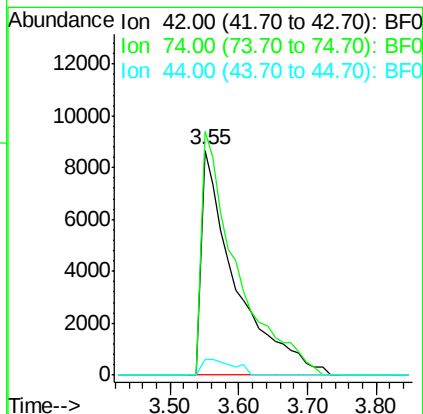
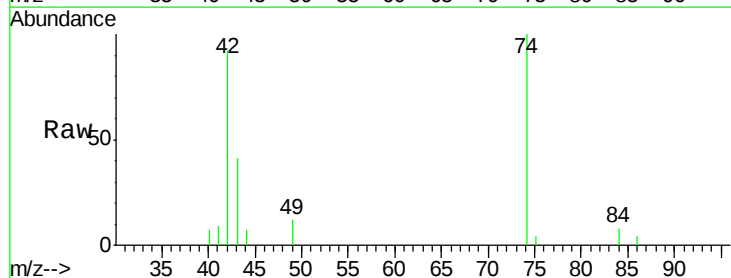
Tgt Ion: 42 Resp: 29802

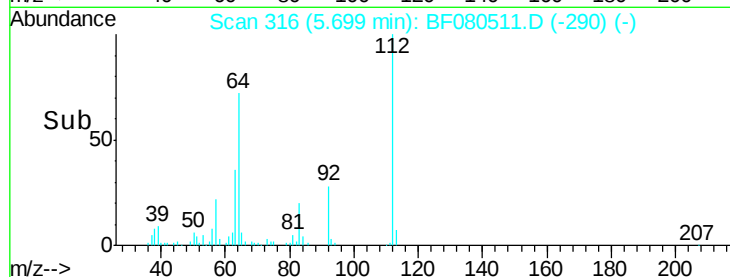
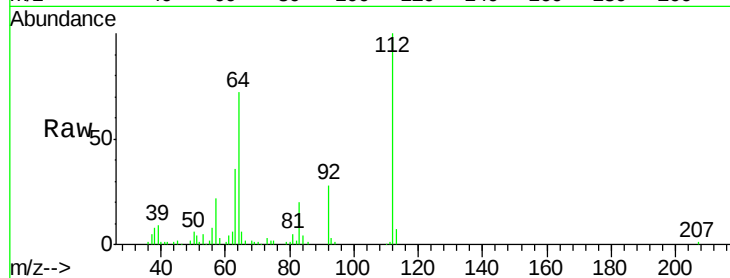
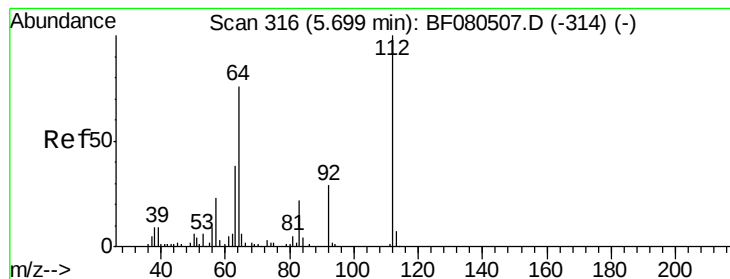
Ion Ratio Lower Upper

42 100

74 108.4 105.0 157.6

44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 87.54 ng

RT: 5.70 min Scan# 316

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

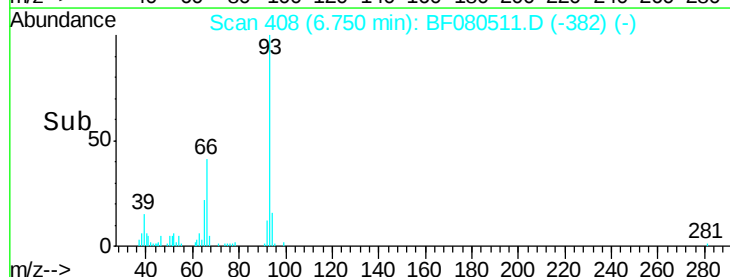
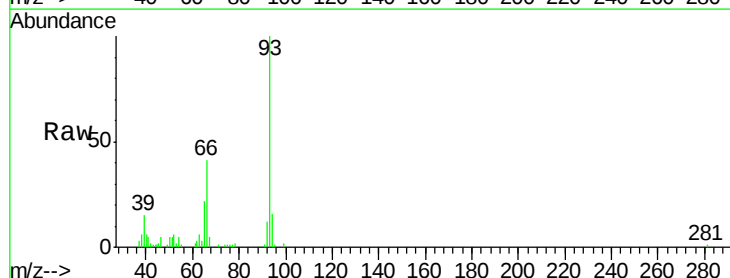
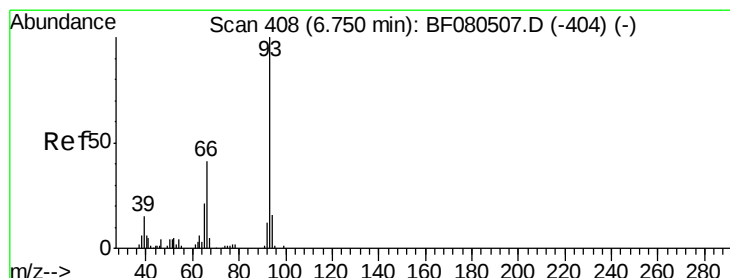
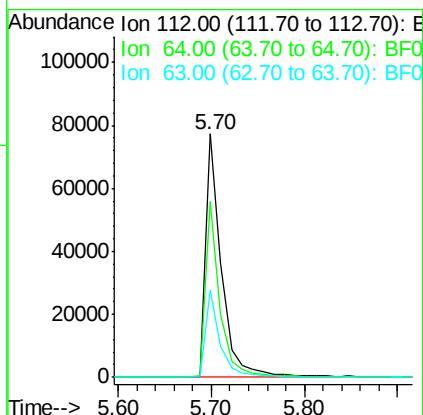
Tgt Ion: 112 Resp: 92268

Ion Ratio Lower Upper

112 100

64 72.3 39.7 59.5#

63 35.8 17.4 26.0#



#6

Aniline

Concen: 41.99 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

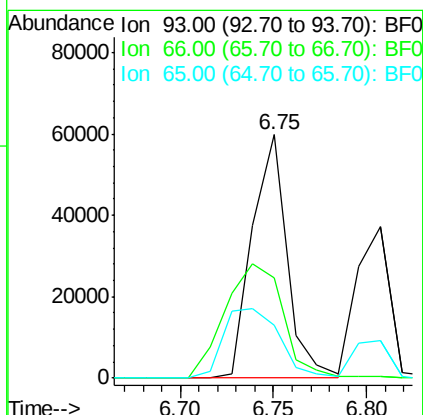
Tgt Ion: 93 Resp: 77494

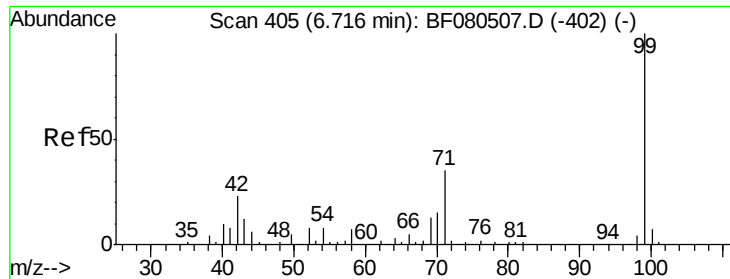
Ion Ratio Lower Upper

93 100

66 41.0 27.2 40.8#

65 21.5 14.7 22.1





#7

Phenol-d6

Concen: 85.51 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

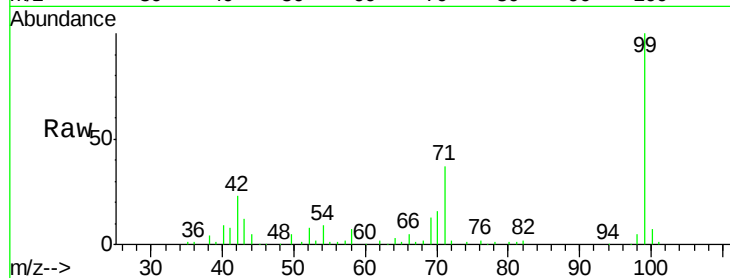
Tgt Ion: 99 Resp: 122402

Ion Ratio Lower Upper

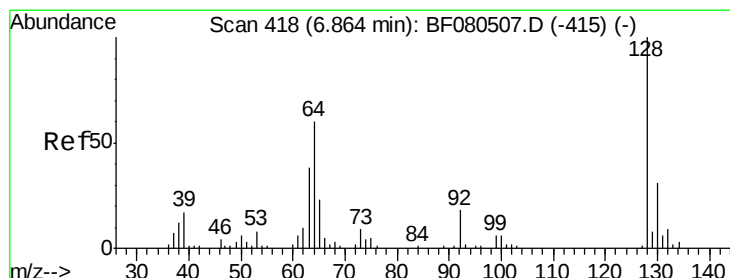
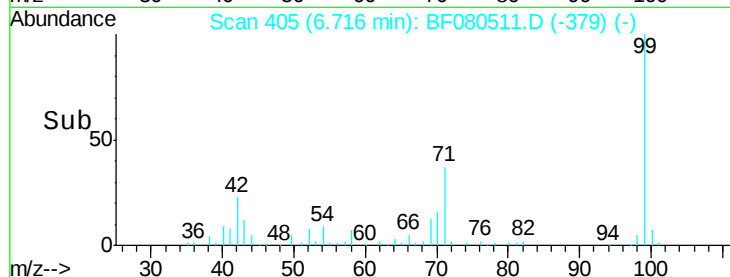
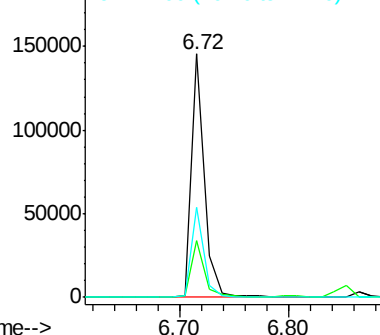
99 100

42 23.1 13.7 20.5#

71 36.9 14.2 21.2#



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



#8

2-Chlorophenol

Concen: 42.95 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

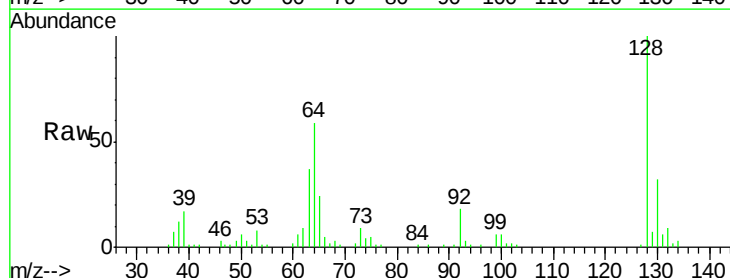
Tgt Ion: 128 Resp: 50783

Ion Ratio Lower Upper

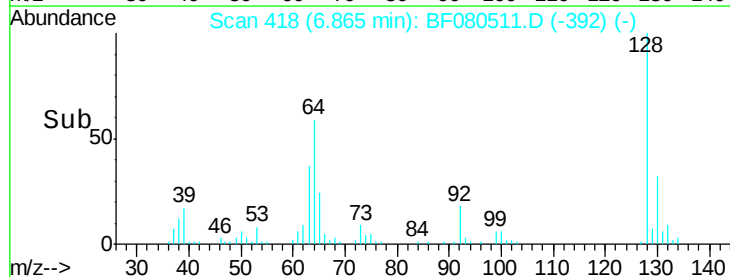
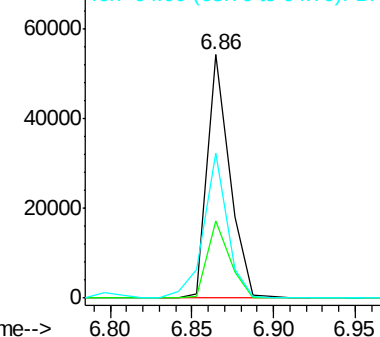
128 100

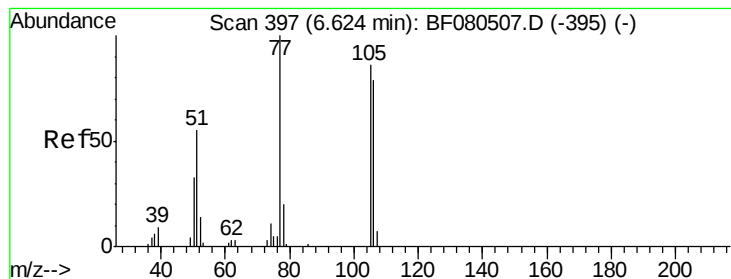
130 31.9 12.2 52.2

64 59.3 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.91 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

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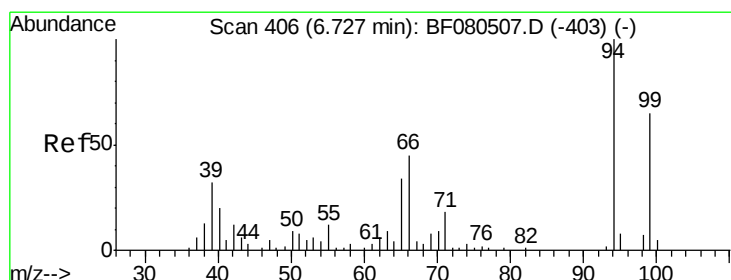
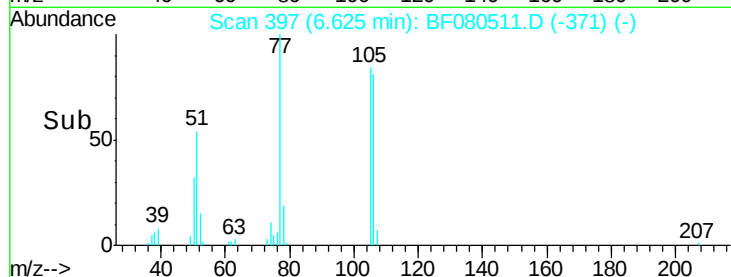
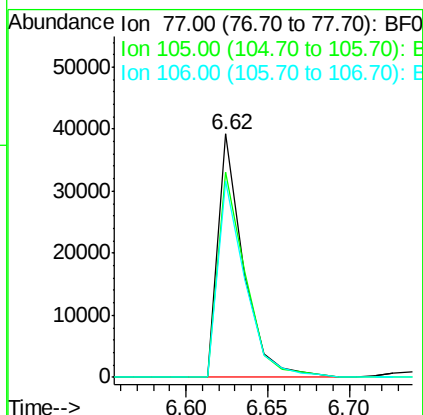
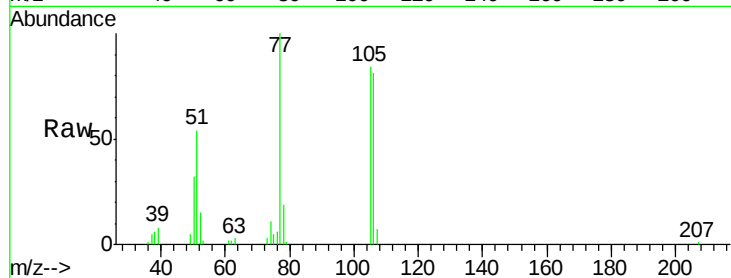
Tgt Ion: 77 Resp: 42666

Ion Ratio Lower Upper

77 100

105 84.4 91.6 131.6#

106 80.9 102.6 142.6#



#10

Phenol

Concen: 43.04 ng

RT: 6.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

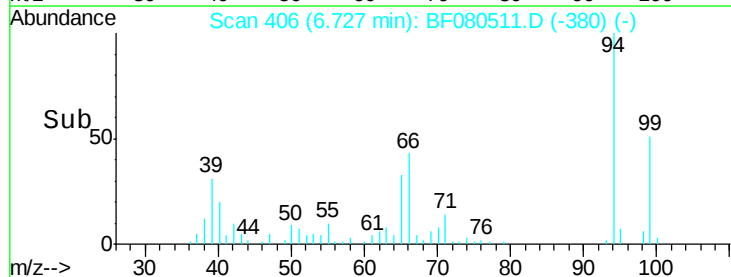
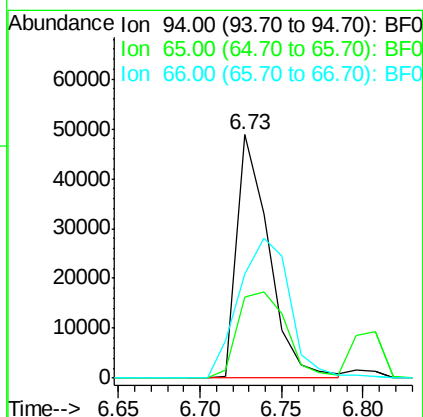
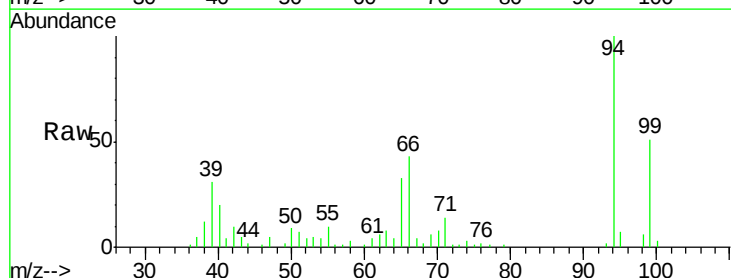
Tgt Ion: 94 Resp: 66274

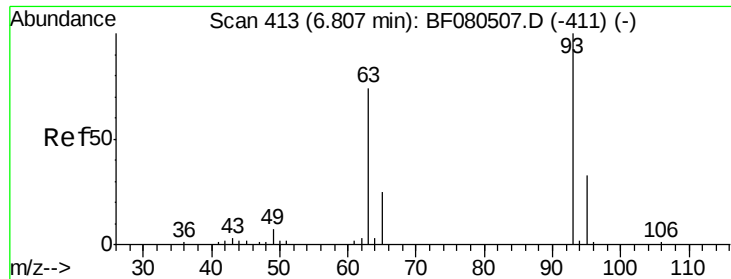
Ion Ratio Lower Upper

94 100

65 33.4 0.7 40.7

66 42.8 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 40.83 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

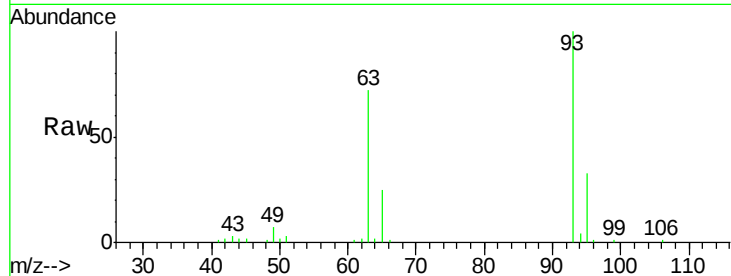
Tgt Ion: 93 Resp: 45768

Ion Ratio Lower Upper

93 100

63 71.7 65.6 105.6

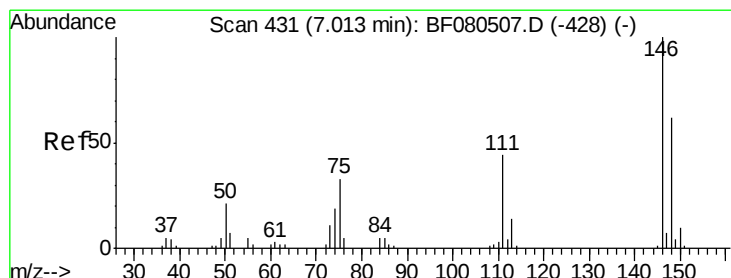
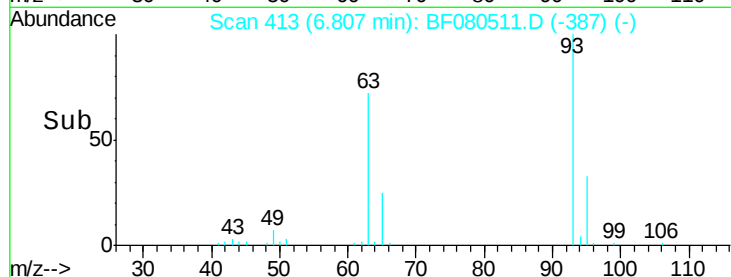
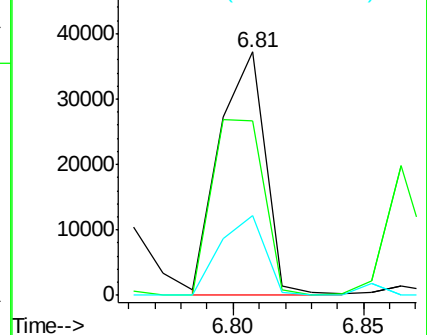
95 32.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.30 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

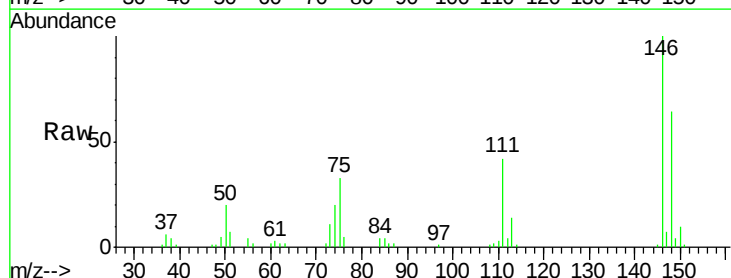
Tgt Ion: 146 Resp: 61086

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

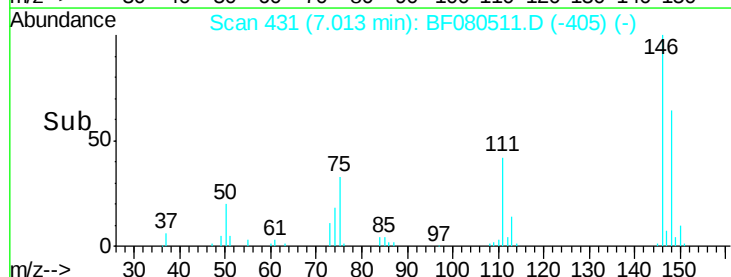
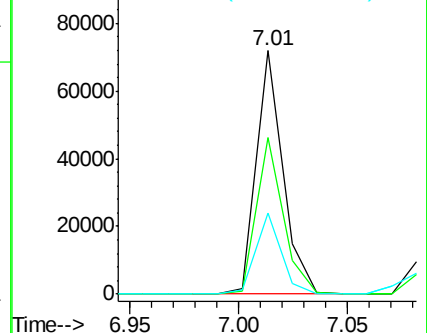
75 33.2 15.0 22.6#

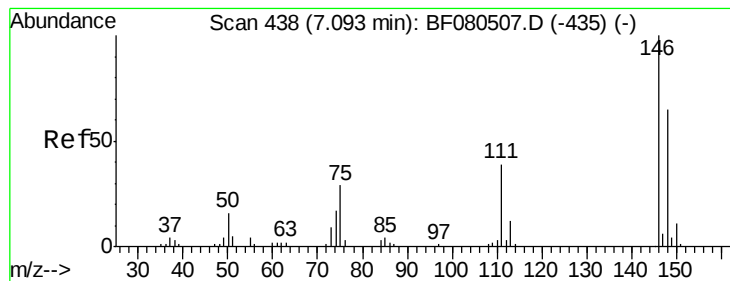


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.36 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.16 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

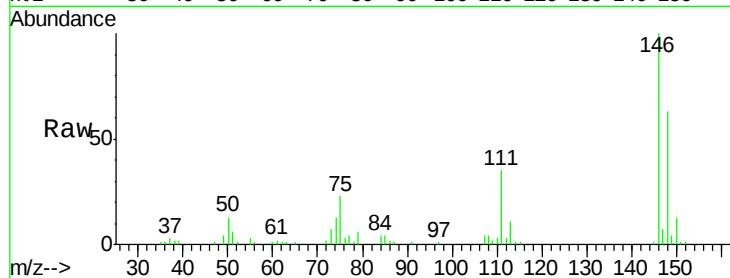
Tgt Ion:146 Resp: 54083

Ion Ratio Lower Upper

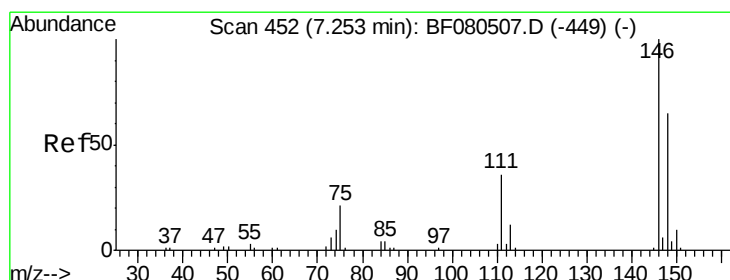
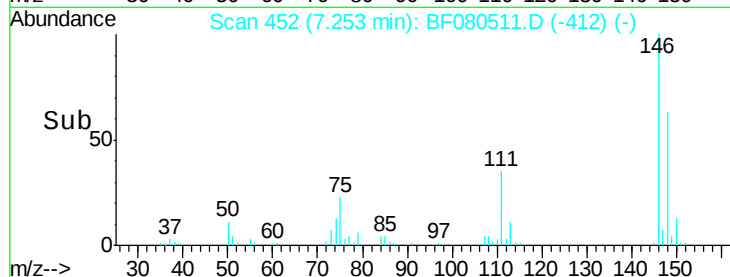
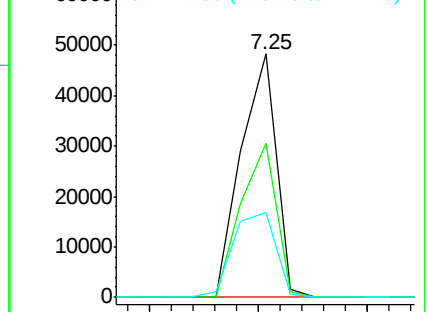
146 100

148 63.3 51.8 77.6

111 35.0 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: 40.31 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

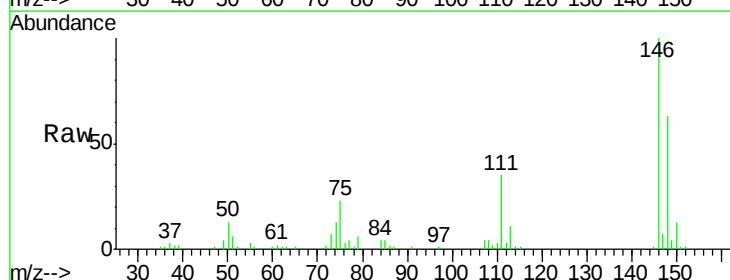
Tgt Ion:146 Resp: 54083

Ion Ratio Lower Upper

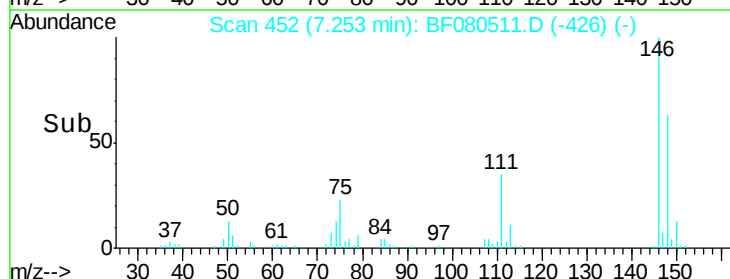
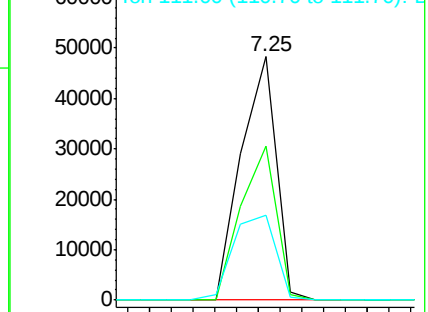
146 100

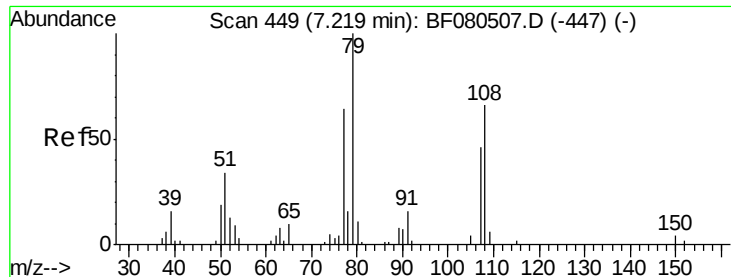
148 63.3 52.7 79.1

111 35.0 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: 41.96 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

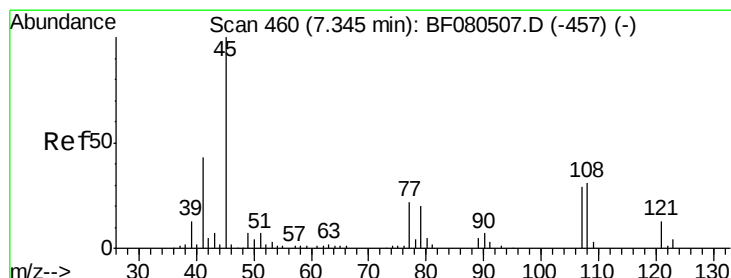
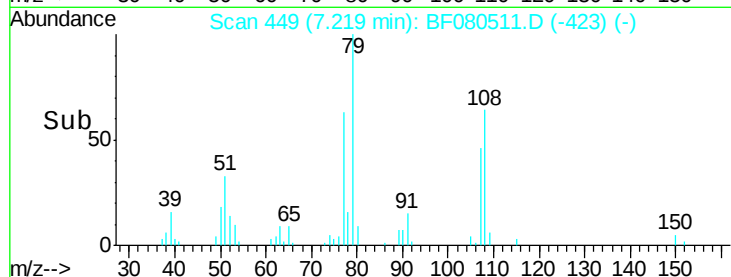
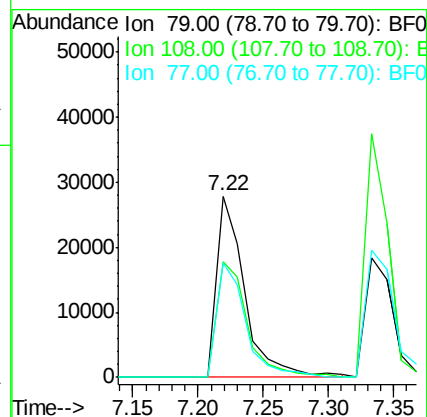
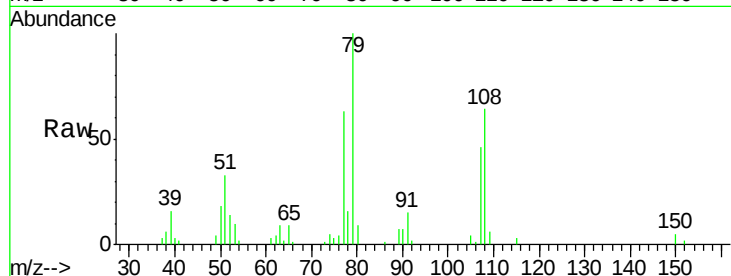
Tgt Ion: 79 Resp: 41926

Ion Ratio Lower Upper

79 100

108 64.0 88.6 132.8#

77 63.0 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.27 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

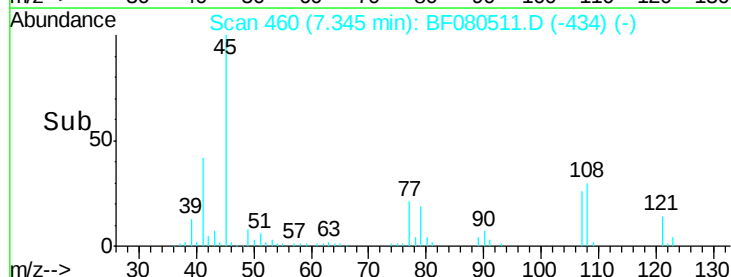
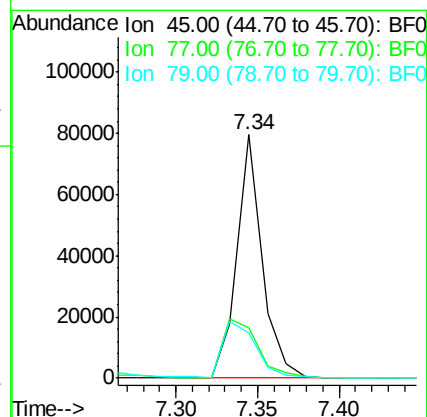
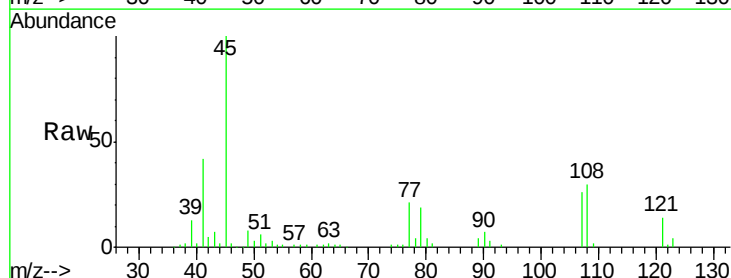
Tgt Ion: 45 Resp: 84983

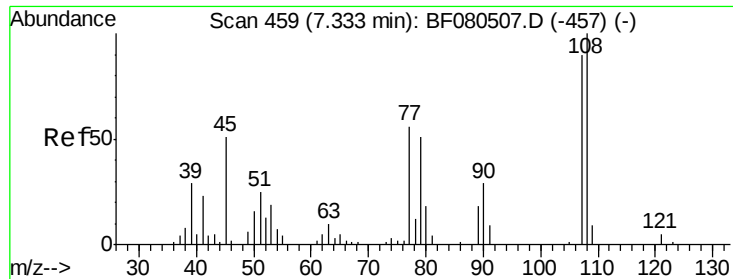
Ion Ratio Lower Upper

45 100

77 20.9 0.0 28.1

79 18.8 0.0 26.0

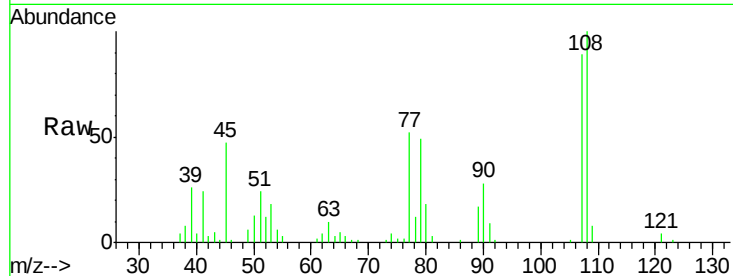




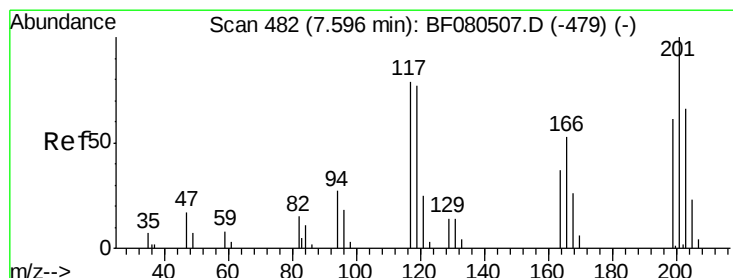
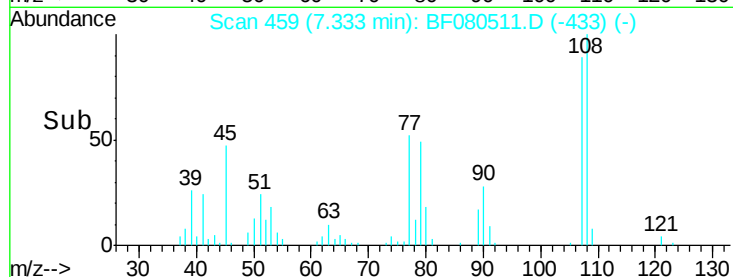
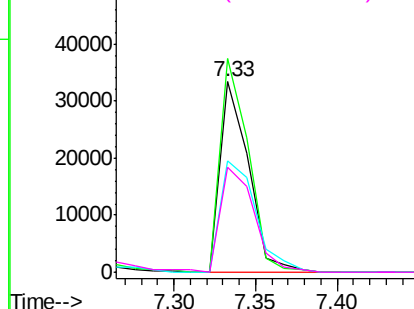
#17
2-Methylphenol
Concen: 42.42 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071615

Tgt Ion:107 Resp: 40150
Ion Ratio Lower Upper
107 100
108 112.3 96.6 145.0
77 58.6 23.3 34.9#
79 55.2 22.0 33.0#

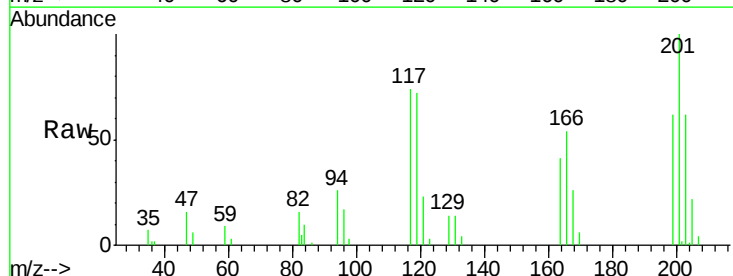


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

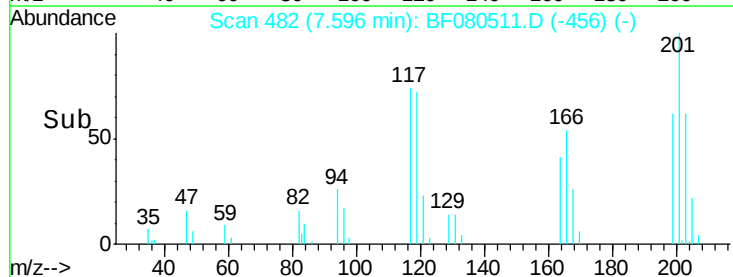
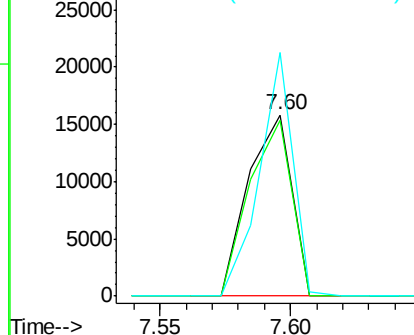


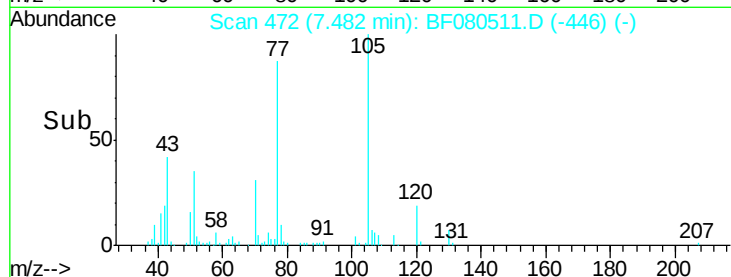
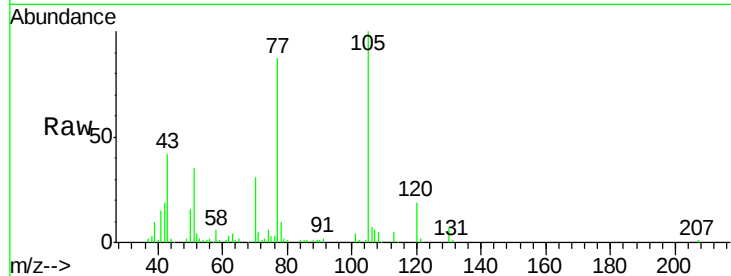
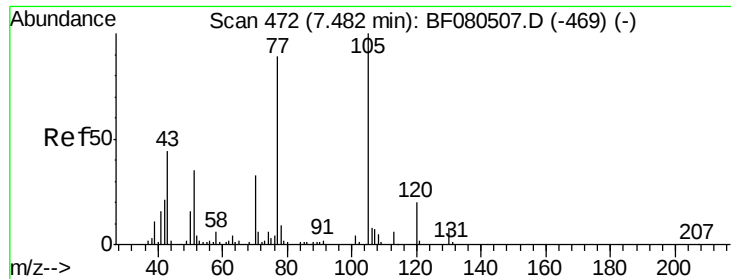
#18
Hexachloroethane
Concen: 40.43 ng
RT: 7.60 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:117 Resp: 18495
Ion Ratio Lower Upper
117 100
119 97.1 83.8 125.6
201 134.5 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

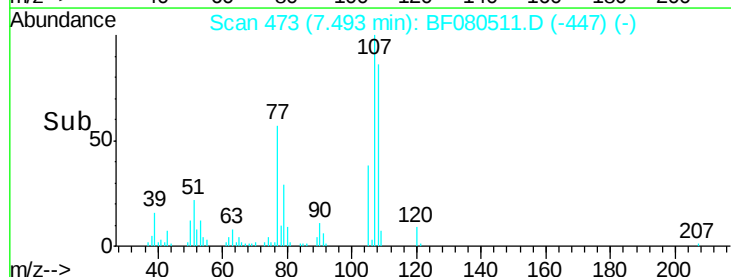
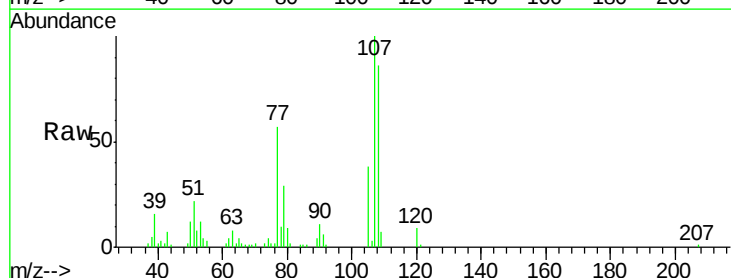
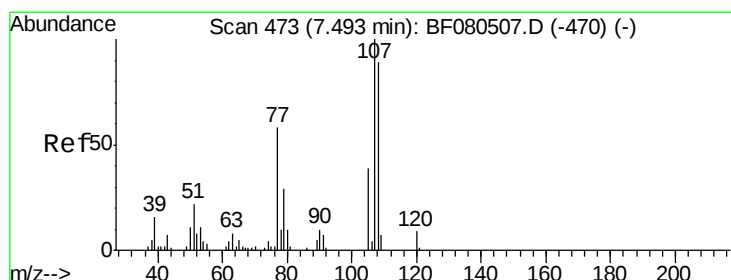
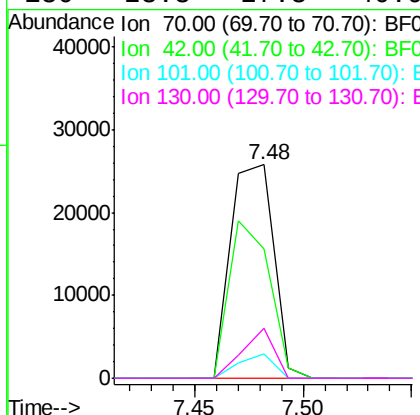




#19
n-Nitroso-di-n-propylamine
Concen: 40.76 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

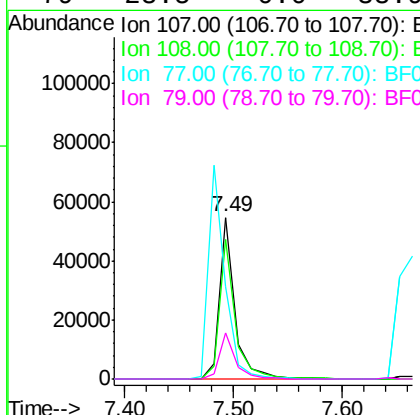
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

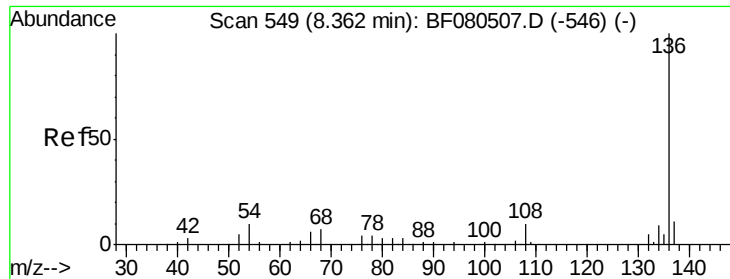
Tgt Ion: 70 Resp: 35410
Ion Ratio Lower Upper
70 100
42 60.4 63.8 95.6#
101 11.4 9.2 13.8
130 23.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.71 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion: 107 Resp: 54618
Ion Ratio Lower Upper
107 100
108 86.5 74.6 114.6
77 56.6 0.7 40.7#
79 28.5 0.0 38.9

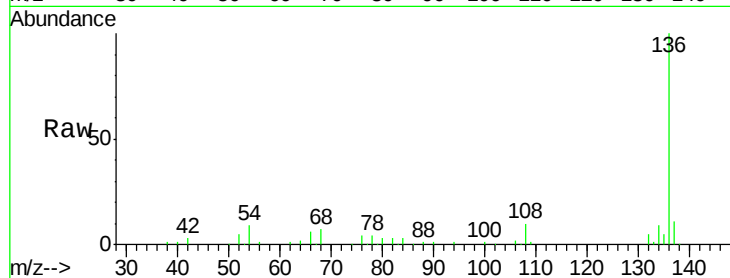




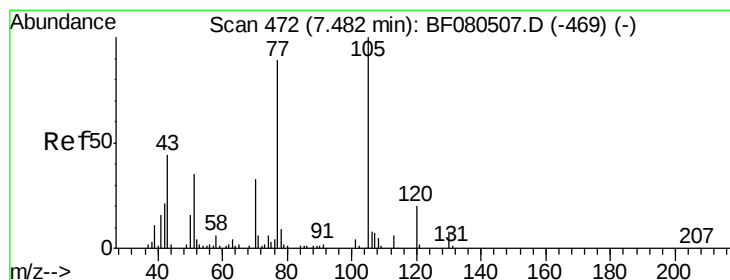
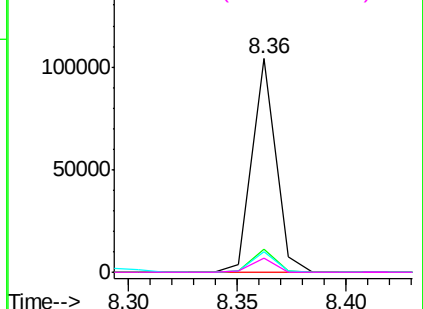
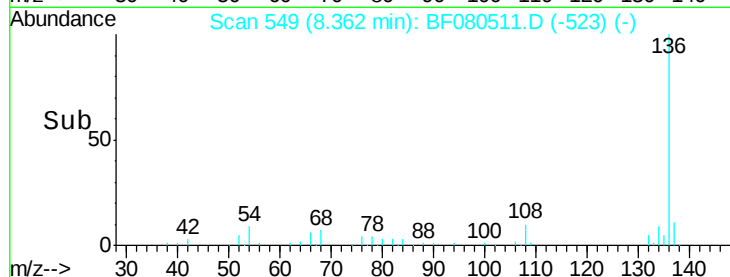
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071615

Tgt Ion:	136	Resp:	78827
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	9.5	8.2	12.2
68	6.6	5.8	8.6

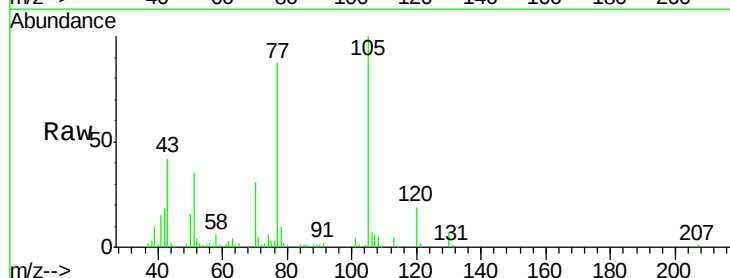


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

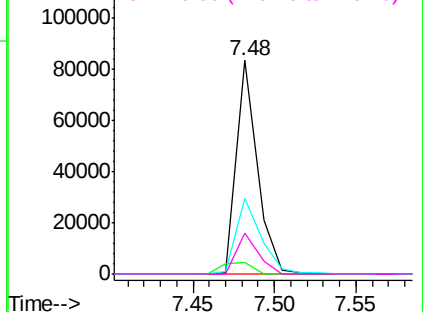
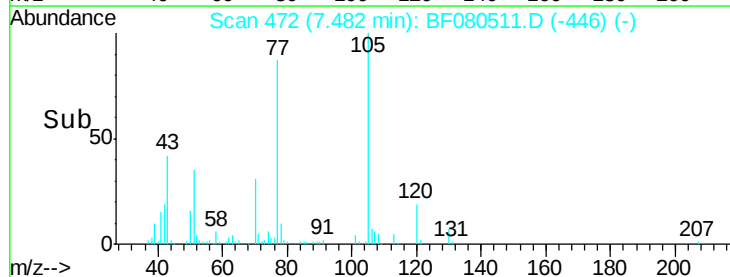


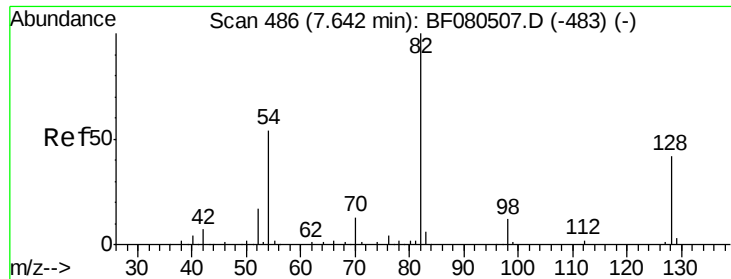
#22
Acetophenone
Concen: 41.97 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:	105	Resp:	73213
Ion	Ratio	Lower	Upper
105	100		
71	5.2	4.7	7.1
51	35.3	22.0	33.0#
120	19.5	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

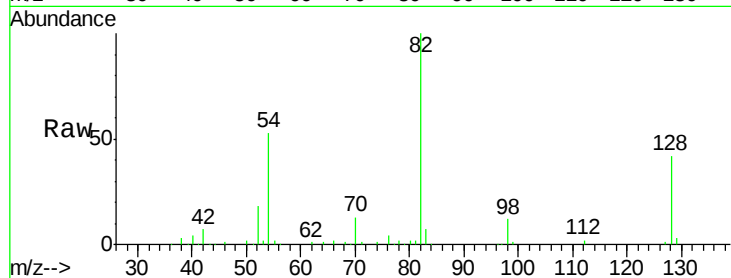




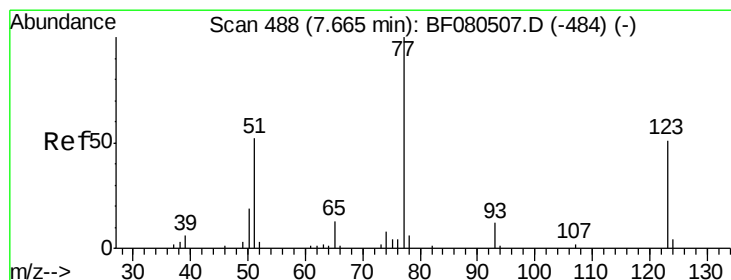
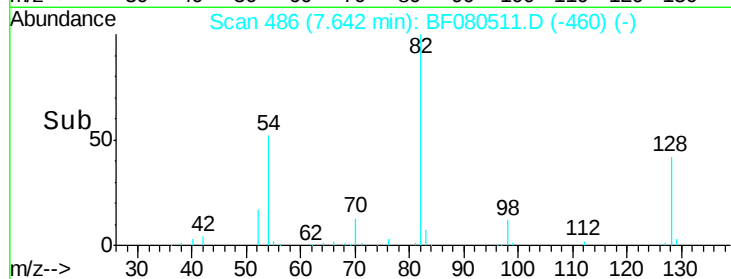
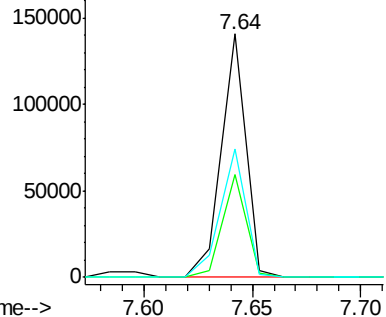
#23
 Nitrobenzene-d5
 Concen: 82.57 ng
 RT: 7.64 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion: 82 Resp: 110879
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 52.6 47.5 71.3

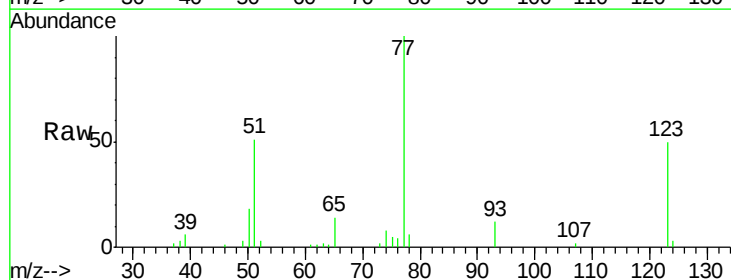


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

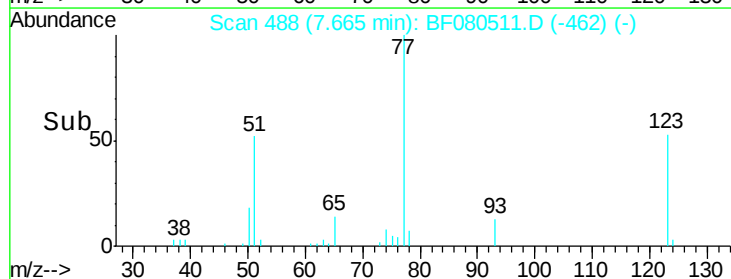
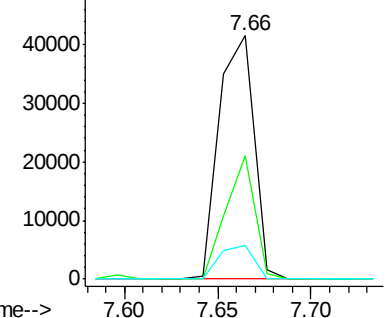


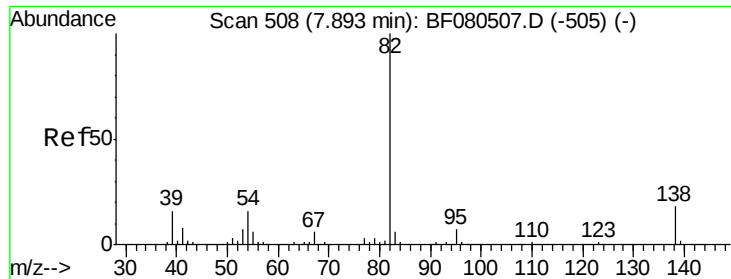
#24
 Nitrobenzene
 Concen: 39.78 ng
 RT: 7.66 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion: 77 Resp: 53927
 Ion Ratio Lower Upper
 77 100
 123 50.5 59.8 89.8#
 65 13.7 10.2 15.4



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





#25

Isophorone

Concen: 40.57 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

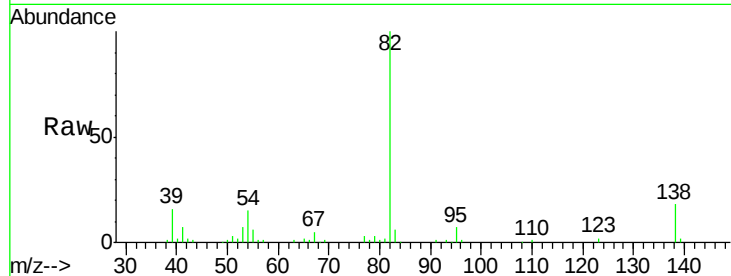
Tgt Ion: 82 Resp: 96222

Ion Ratio Lower Upper

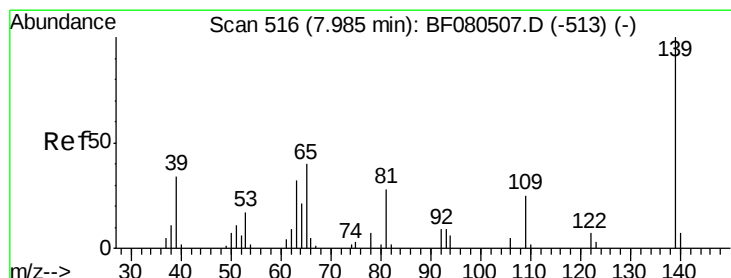
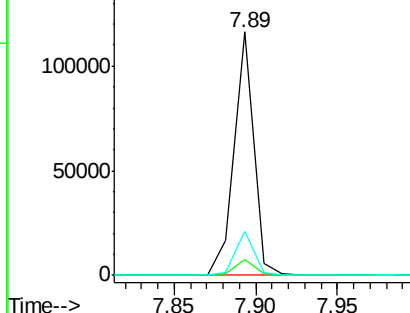
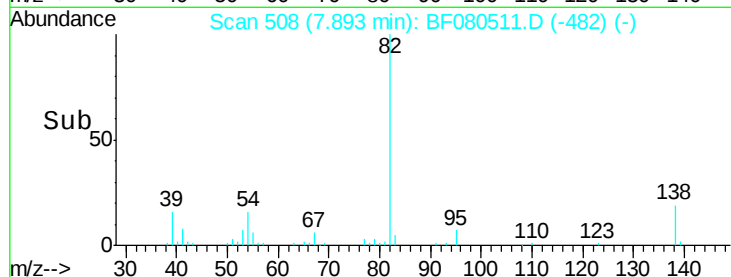
82 100

95 6.6 4.0 6.0#

138 18.2 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.52 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

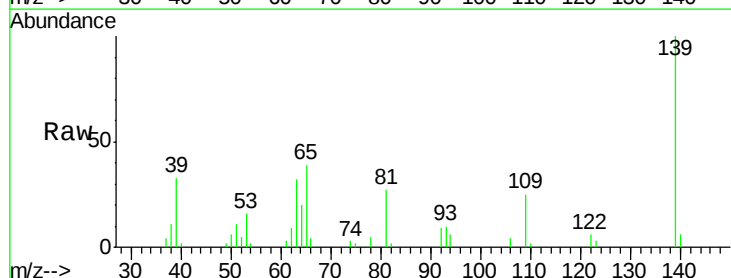
Tgt Ion: 139 Resp: 23251

Ion Ratio Lower Upper

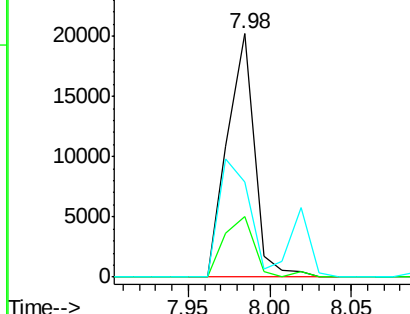
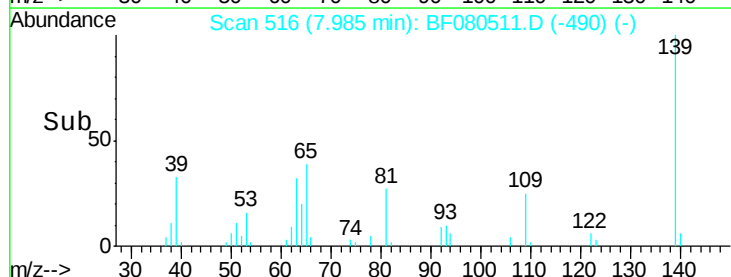
139 100

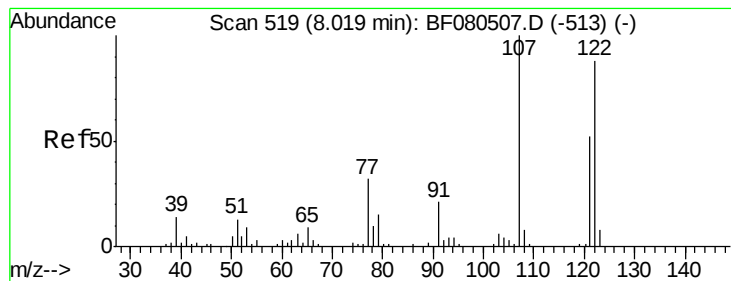
109 24.7 11.0 16.4#

65 39.2 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 40.04 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

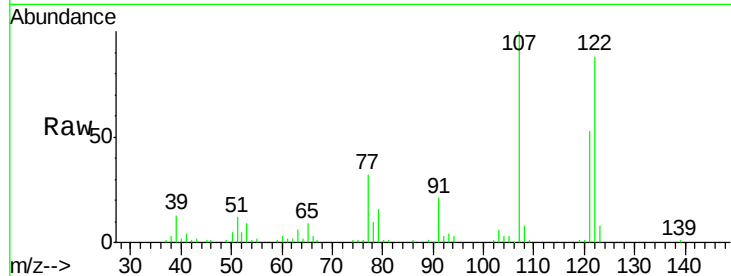
Tgt Ion:122 Resp: 45505

Ion Ratio Lower Upper

122 100

107 114.3 71.8 107.6#

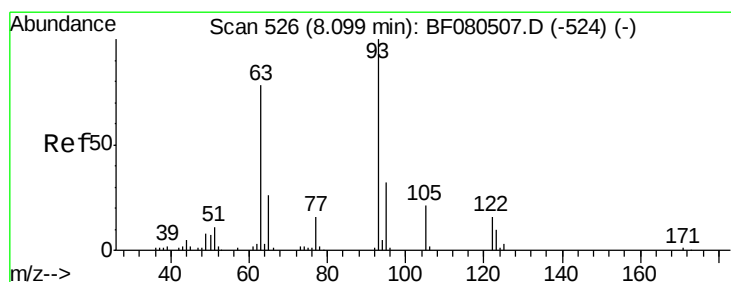
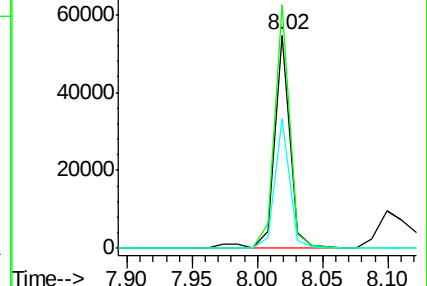
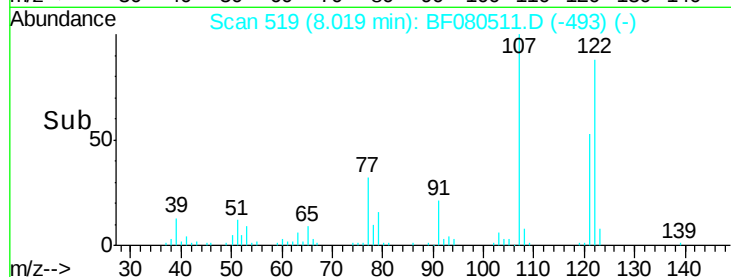
121 60.6 42.3 63.5



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: 42.21 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

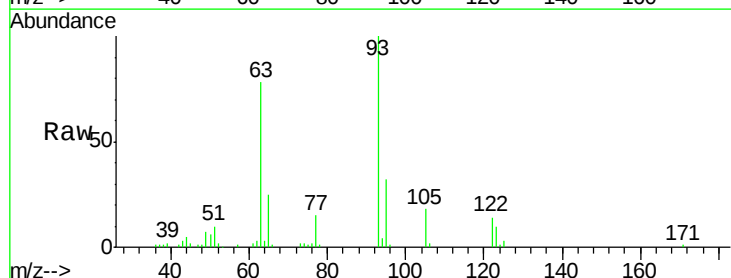
Tgt Ion: 93 Resp: 58798

Ion Ratio Lower Upper

93 100

95 31.8 27.5 41.3

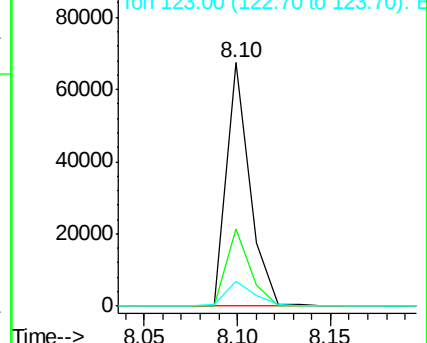
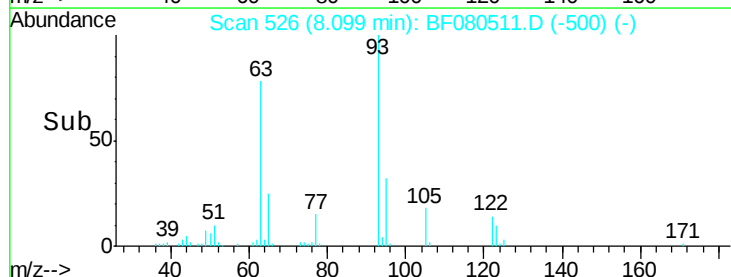
123 10.3 13.7 20.5#

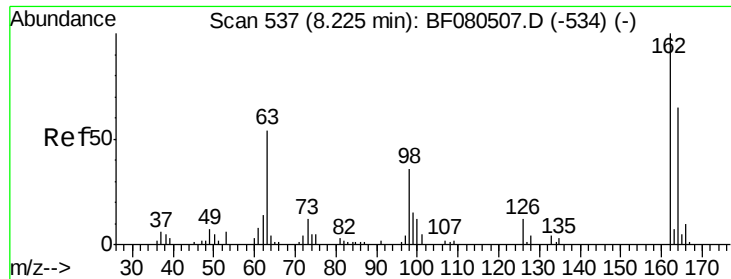


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

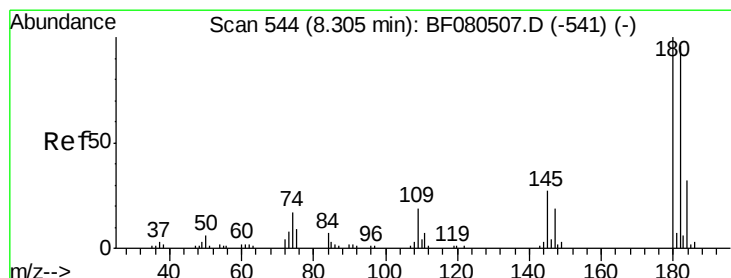
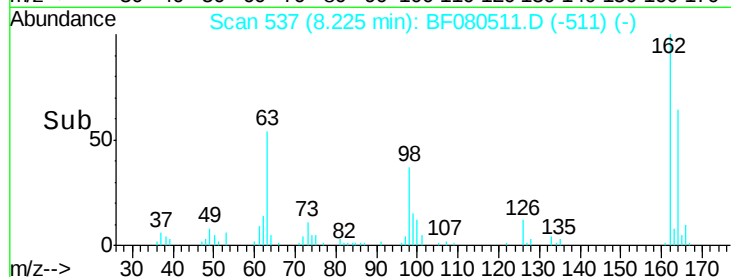
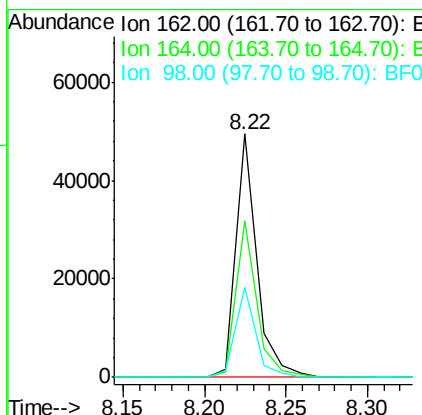
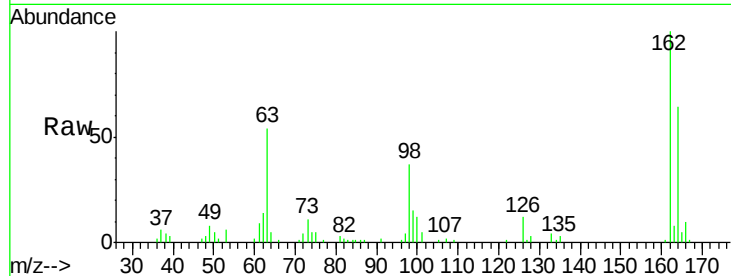




#29
 2,4-Dichlorophenol
 Concen: 41.79 ng
 RT: 8.22 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

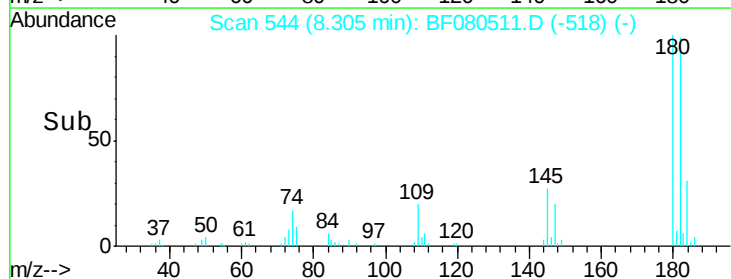
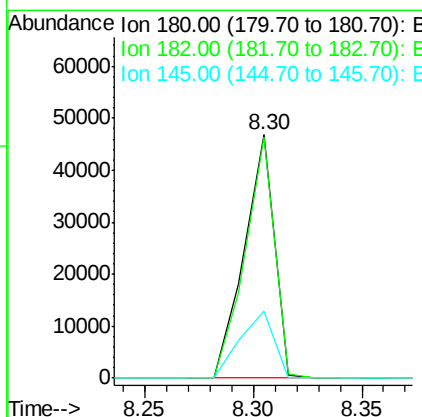
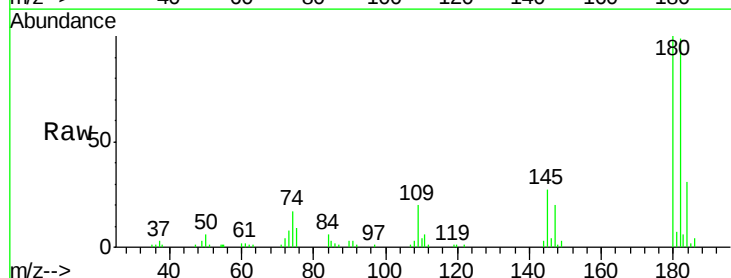
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

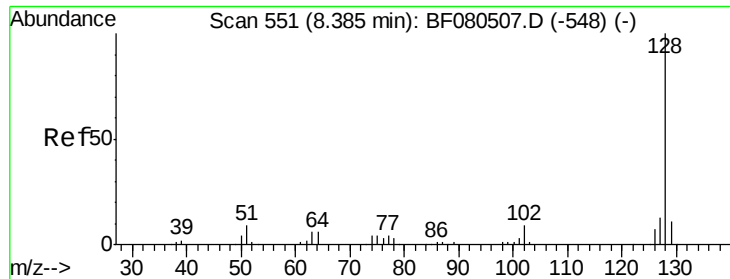
Tgt Ion:162 Resp: 43284
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.9 84.9
 98 37.0 13.0 53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.72 ng
 RT: 8.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:180 Resp: 44858
 Ion Ratio Lower Upper
 180 100
 182 99.0 77.1 115.7
 145 27.4 23.3 34.9

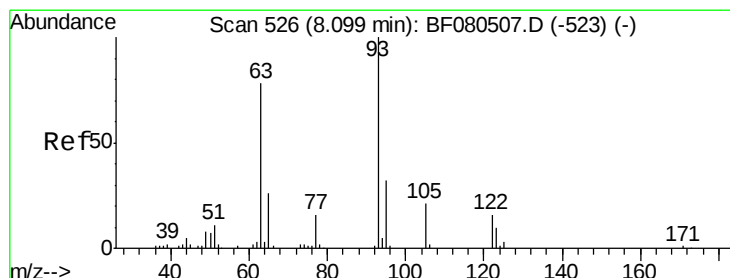
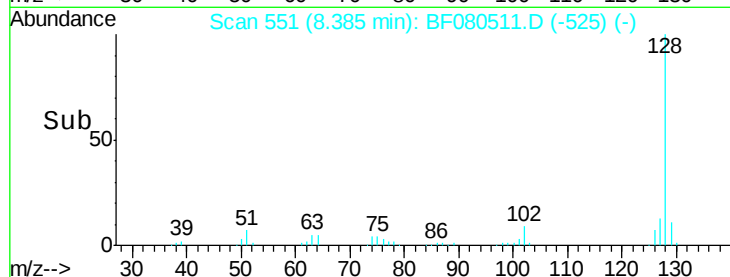
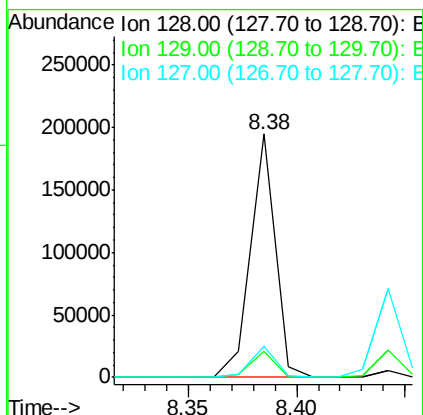
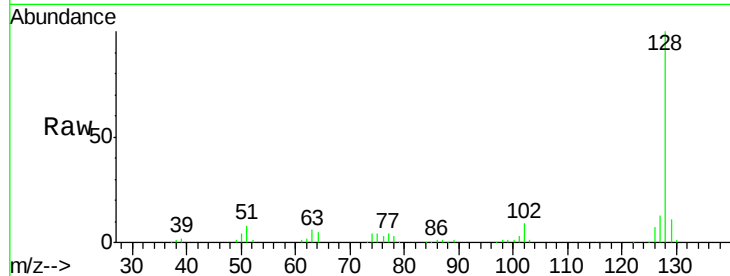




#31
Naphthalene
Concen: 39.85 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

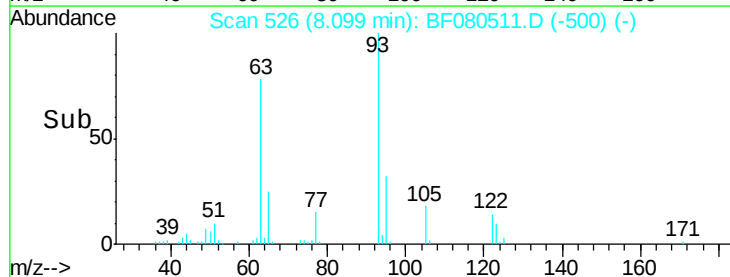
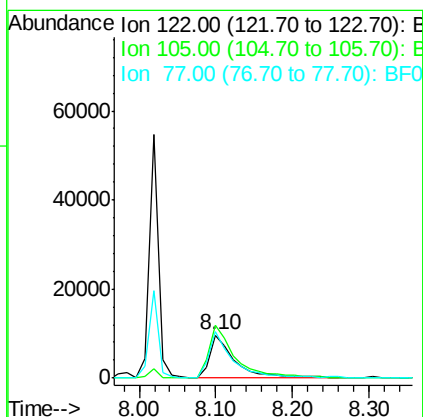
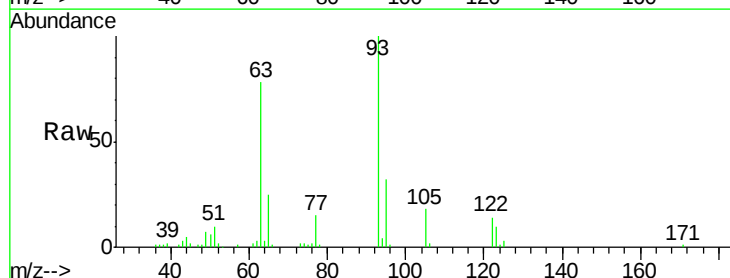
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

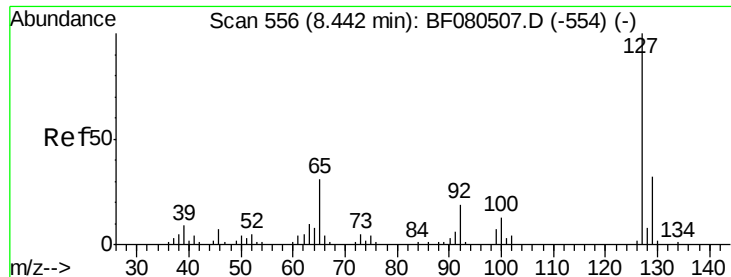
Tgt Ion:128 Resp: 154278
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.6 9.9 14.9



#32
Benzoic acid
Concen: 37.74 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:122 Resp: 22076
Ion Ratio Lower Upper
122 100
105 124.1 76.1 116.1#
77 107.3 40.5 80.5#

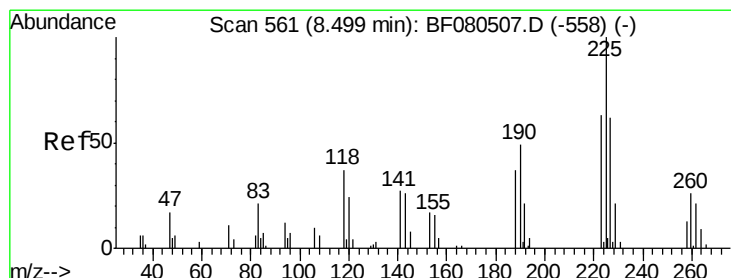
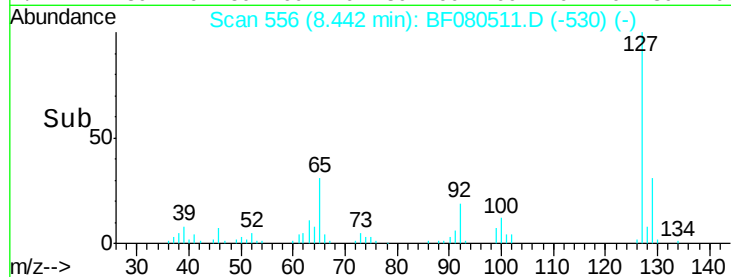
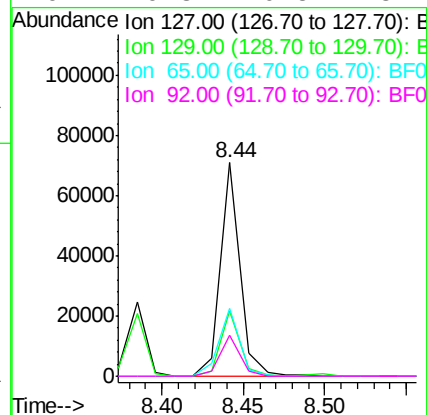
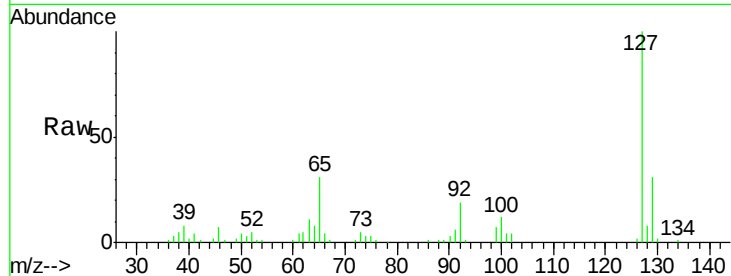




#33
4-Chloroaniline
Concen: 39.73 ng
RT: 8.44 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

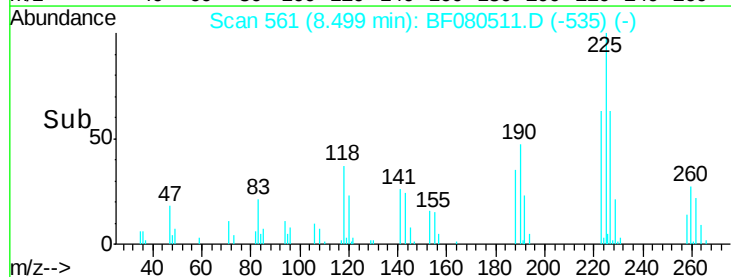
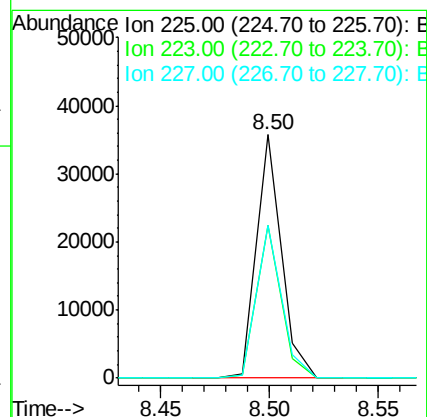
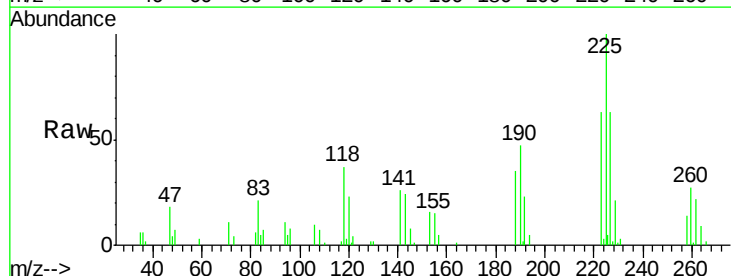
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

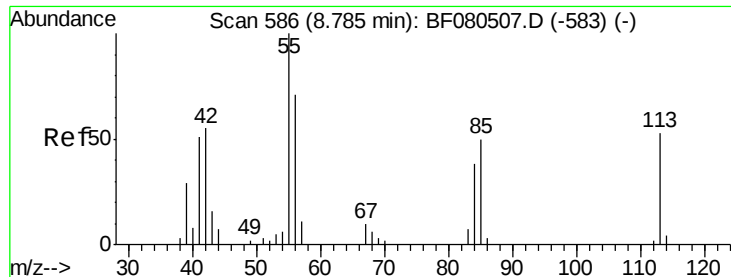
Tgt Ion:	127	Resp:	59789
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.6
65	31.5	17.9	26.9#
92	19.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 41.32 ng
RT: 8.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:	225	Resp:	28450
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.2	75.2
227	62.9	52.2	78.2

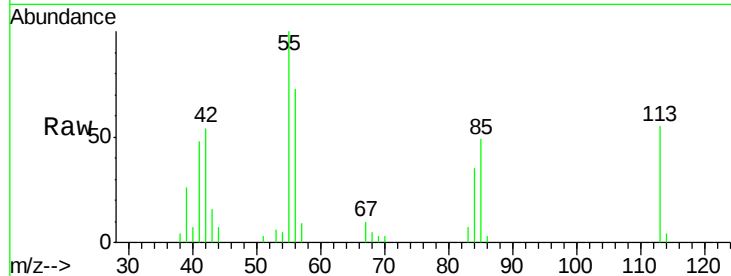




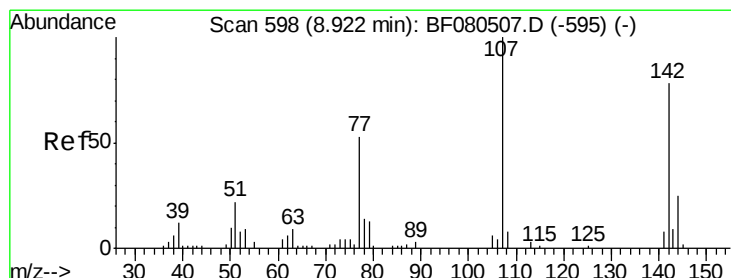
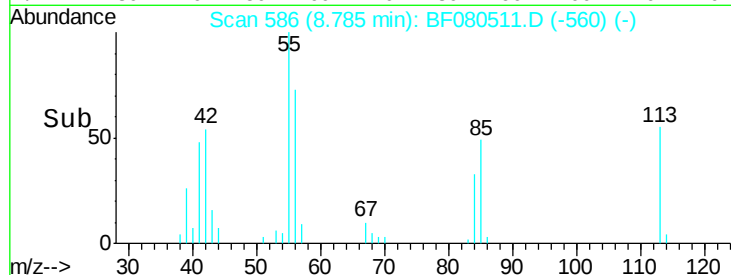
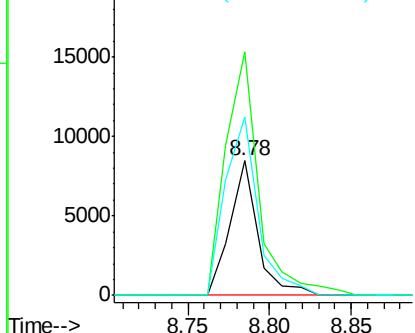
#35
 Caprolactam
 Concen: 40.87 ng
 RT: 8.78 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:113 Resp: 10004
 Ion Ratio Lower Upper
 113 100
 55 180.7 152.4 192.4
 56 132.6 104.6 144.6

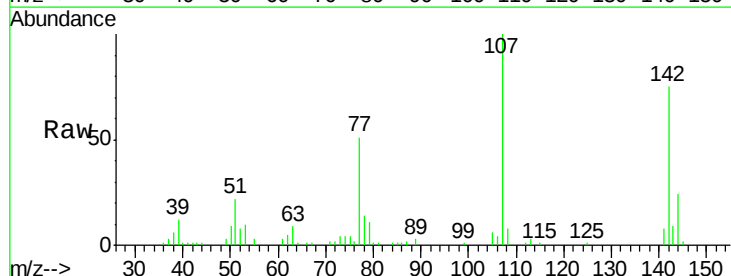


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

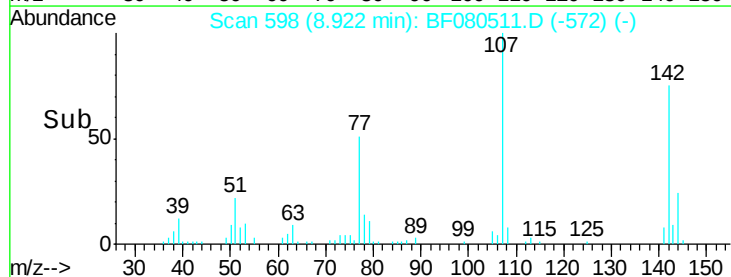
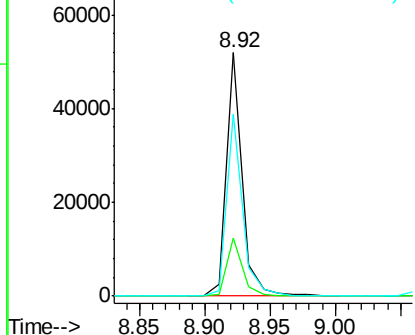


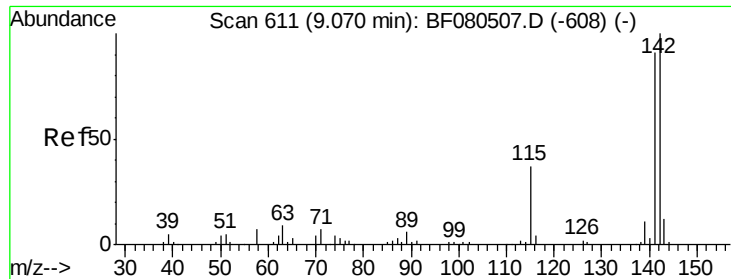
#36
 4-Chloro-3-methylphenol
 Concen: 40.20 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:107 Resp: 43977
 Ion Ratio Lower Upper
 107 100
 144 23.8 25.4 38.0#
 142 75.0 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

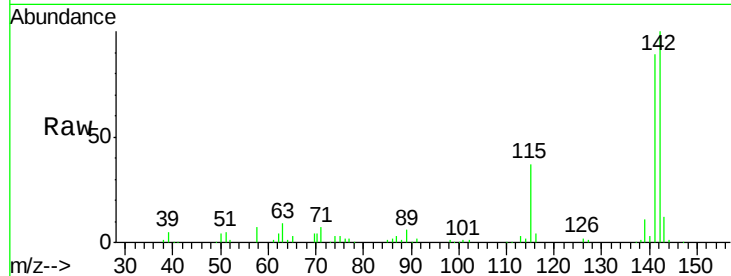




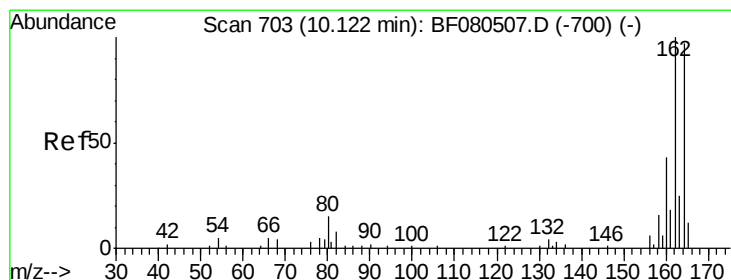
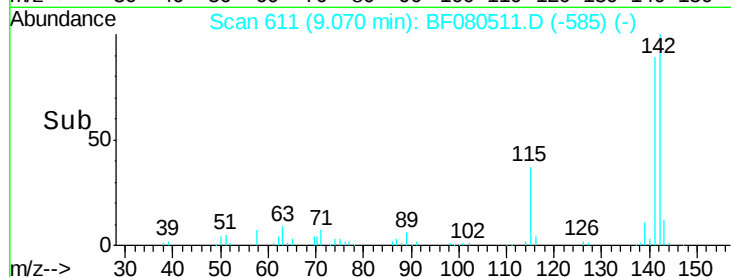
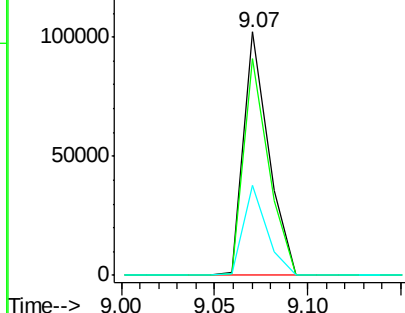
#37
 2-Methylnaphthalene
 Concen: 41.28 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:142 Resp: 95504
 Ion Ratio Lower Upper
 142 100
 141 89.2 67.5 101.3
 115 36.9 18.2 27.2#

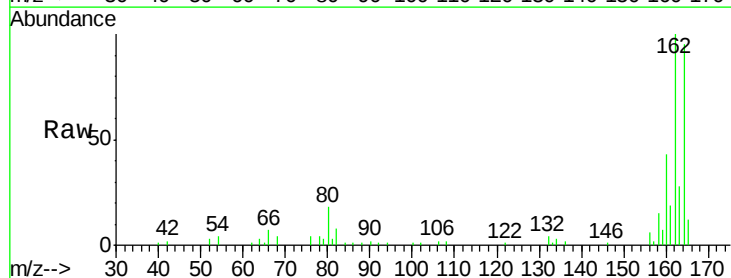


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

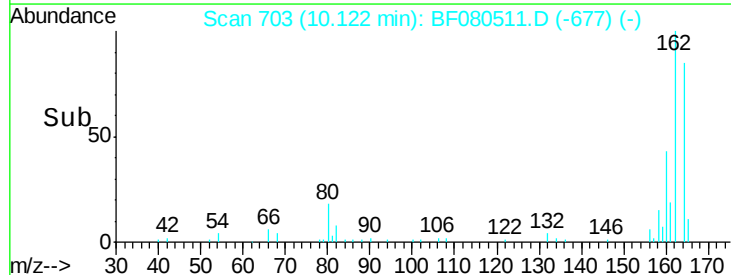
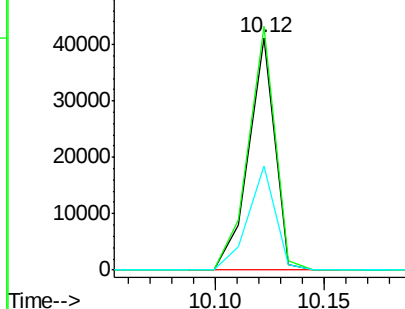


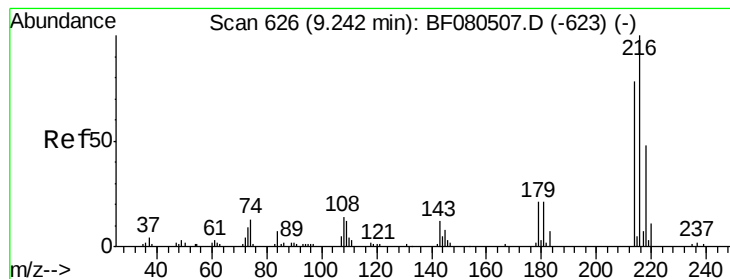
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:164 Resp: 34534
 Ion Ratio Lower Upper
 164 100
 162 104.9 75.2 112.8
 160 44.6 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.82 ng

RT: 9.24 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

Tgt Ion:216 Resp: 46318

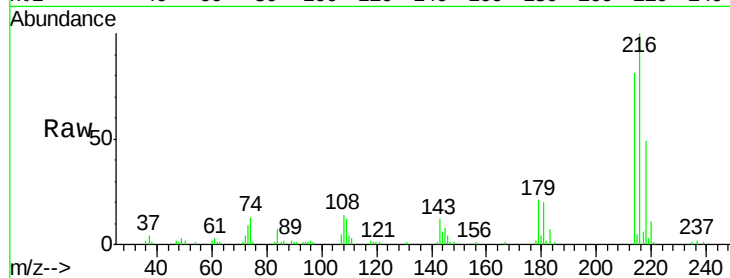
Ion Ratio Lower Upper

216 100

214 80.8 63.5 95.3

179 21.6 16.6 24.8

108 17.3 16.3 24.5

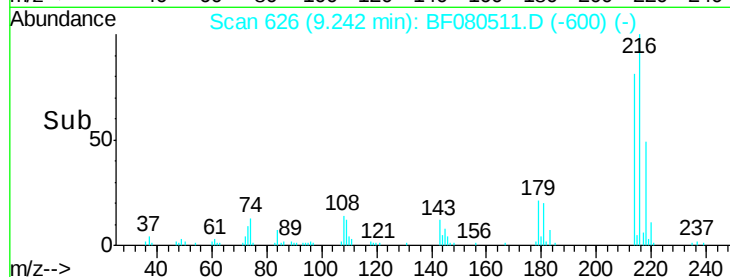


Abundance Ion 216.00 (215.70 to 216.70): E

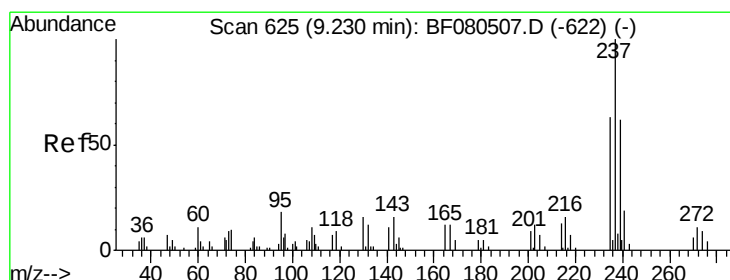
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.17 ng

RT: 9.23 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

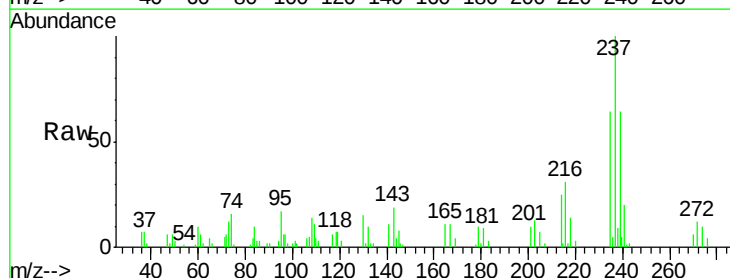
Tgt Ion:237 Resp: 22376

Ion Ratio Lower Upper

237 100

235 64.1 42.0 82.0

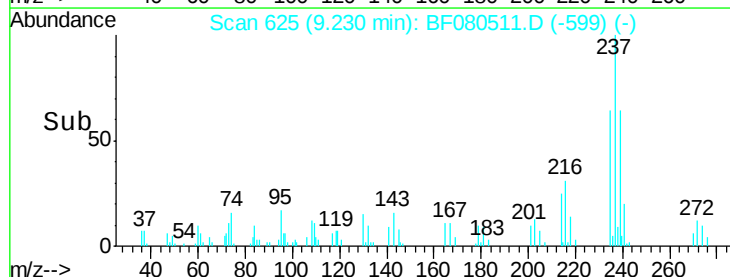
272 12.3 0.0 36.1



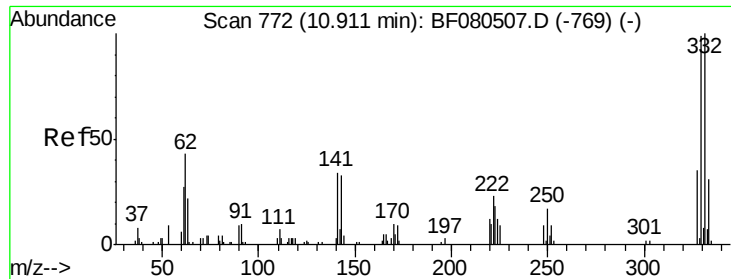
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



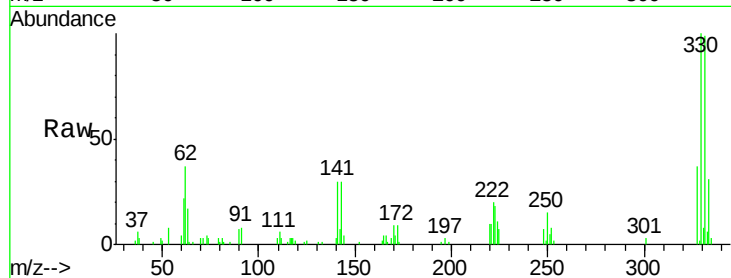
Time-->



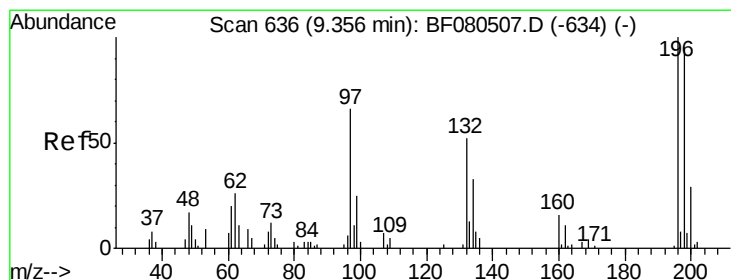
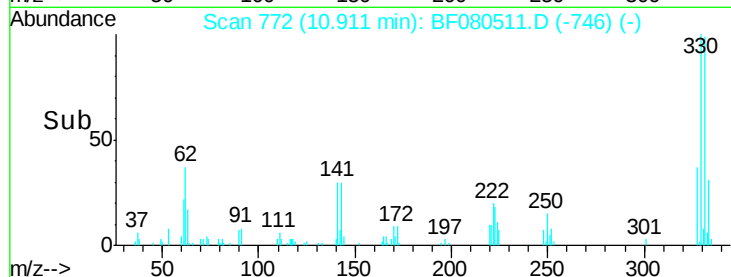
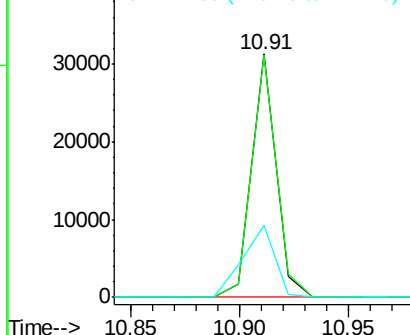
#41
 2,4,6-Tribromophenol
 Concen: 91.05 ng
 RT: 10.91 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:330 Resp: 24465
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.6 114.8
 141 38.6 29.7 44.5

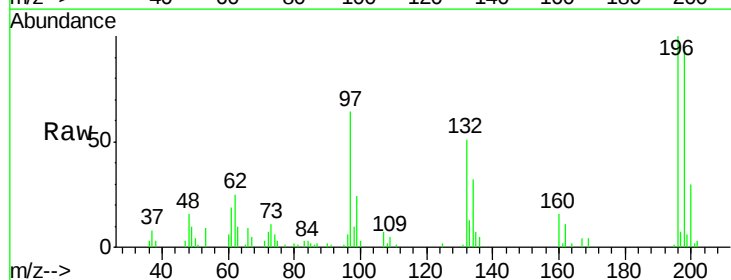


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

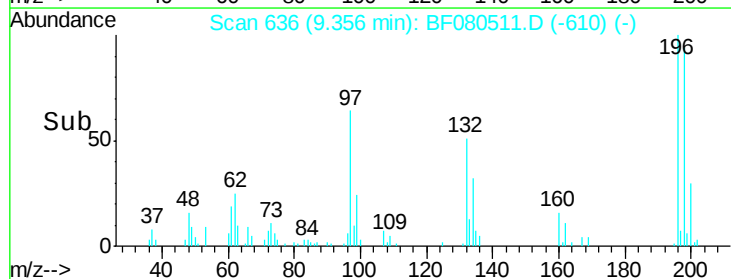
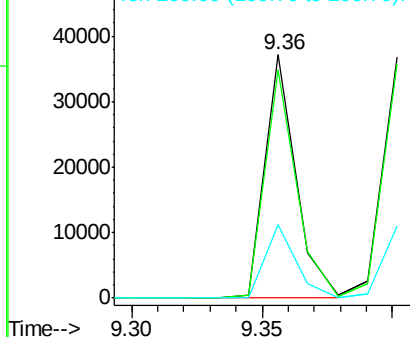


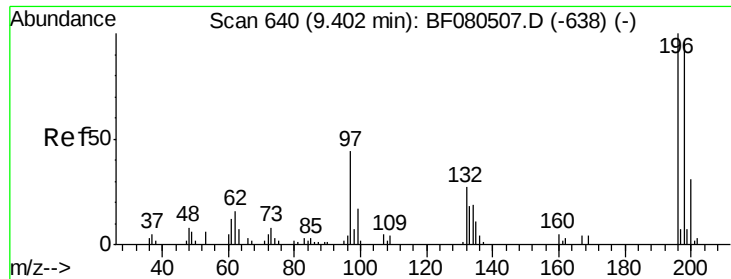
#42
 2,4,6-Trichlorophenol
 Concen: 46.52 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:196 Resp: 30838
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.3 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

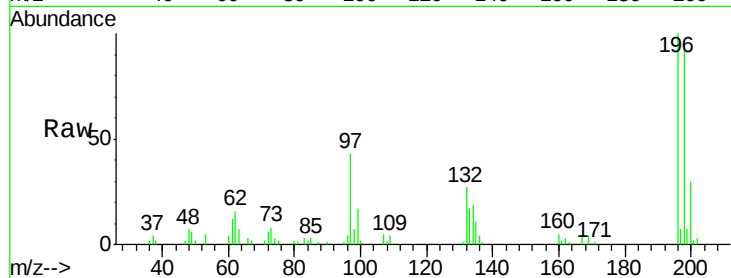




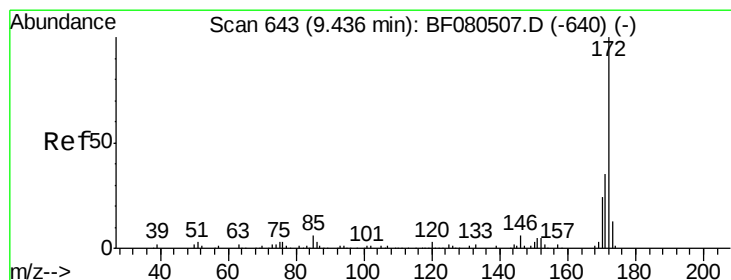
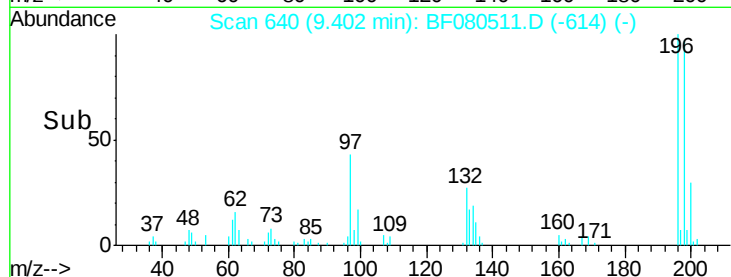
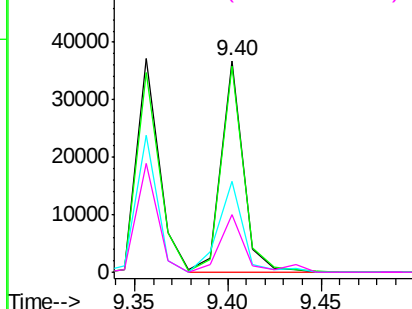
#43
 2,4,5-Trichlorophenol
 Concen: 43.23 ng
 RT: 9.40 min Scan# 640
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:	196	Resp:	30503
Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.4	113.0
97	43.2	33.3	49.9
132	27.5	24.6	37.0

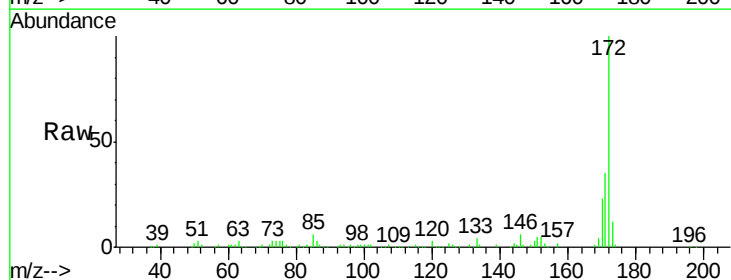


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

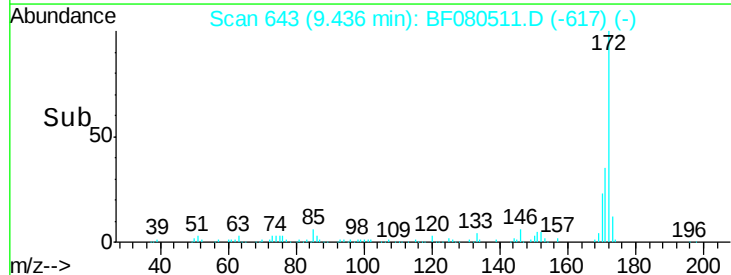
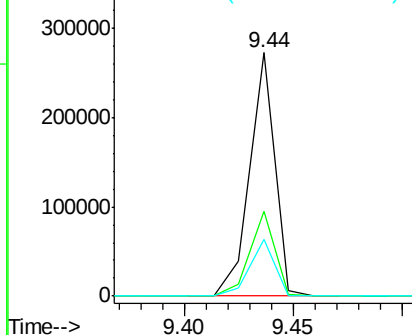


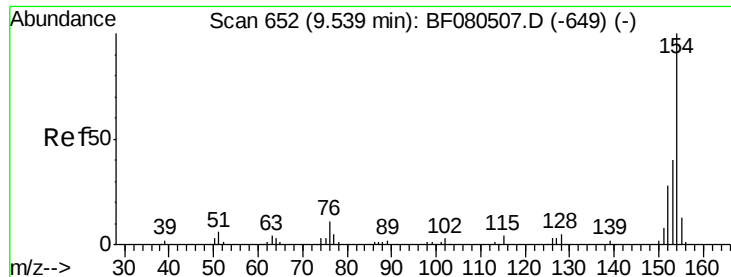
#44
 2-Fluorobiphenyl
 Concen: 85.73 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:	172	Resp:	217559
Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.2	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

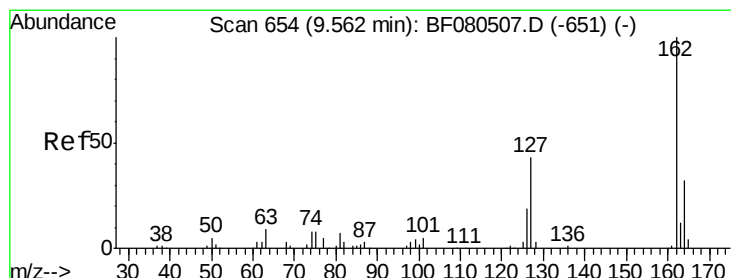
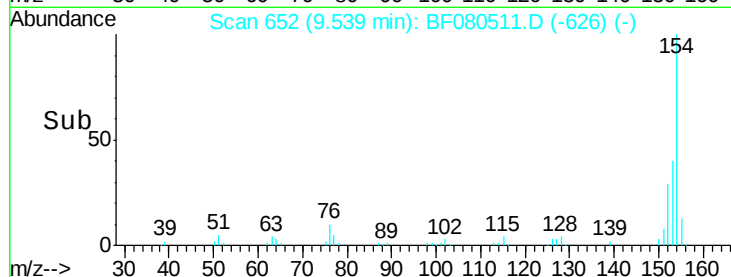
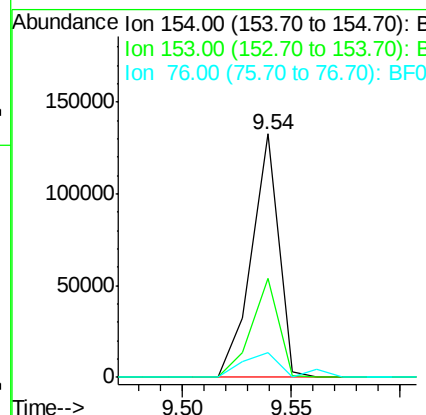
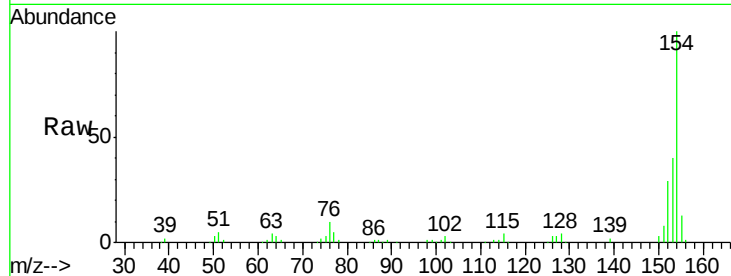




#45
 1,1'-Biphenyl
 Concen: 40.77 ng
 RT: 9.54 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

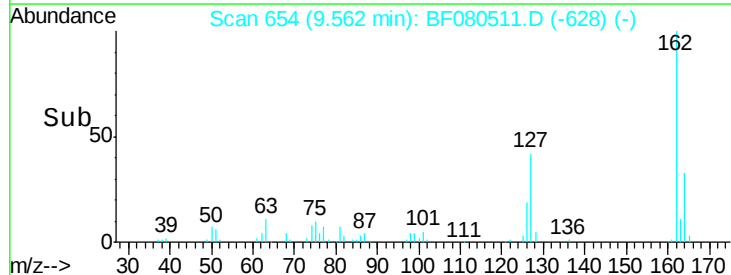
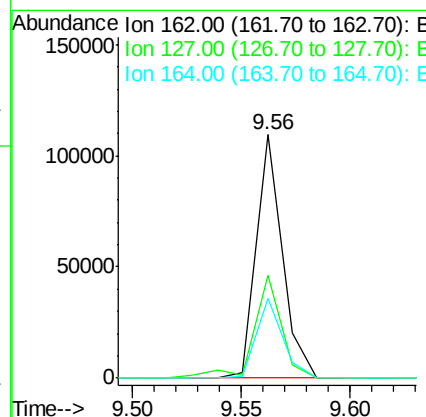
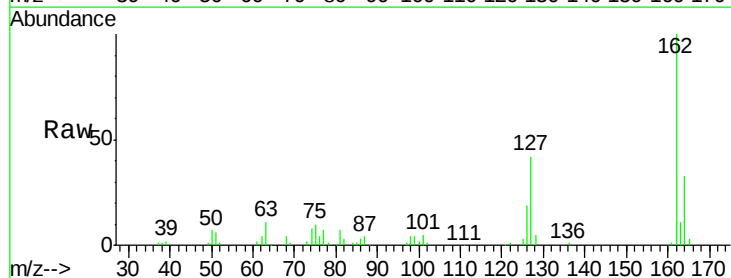
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

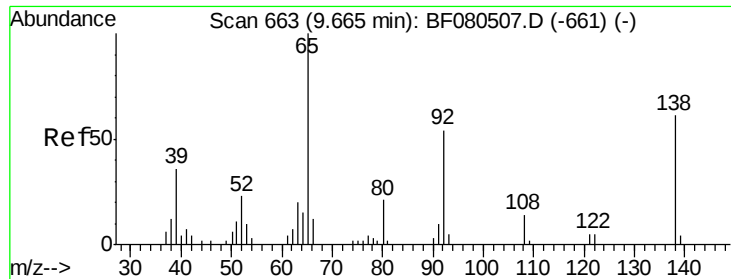
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	17.1	57.1
76	10.2	0.0	31.6



#46
 2-Chloronaphthalene
 Concen: 42.93 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	27.6	41.4#
164	32.6	25.4	38.2





#47

2-Nitroaniline

Concen: 45.13 ng

RT: 9.66 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

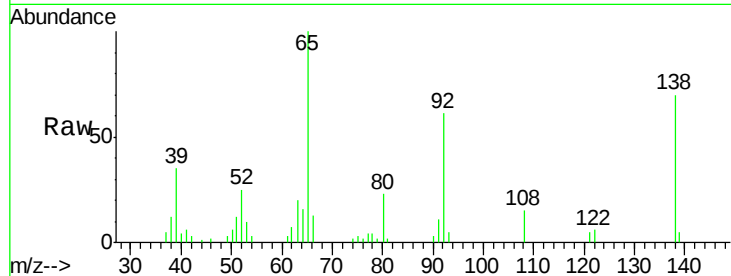
Tgt Ion: 65 Resp: 24588

Ion Ratio Lower Upper

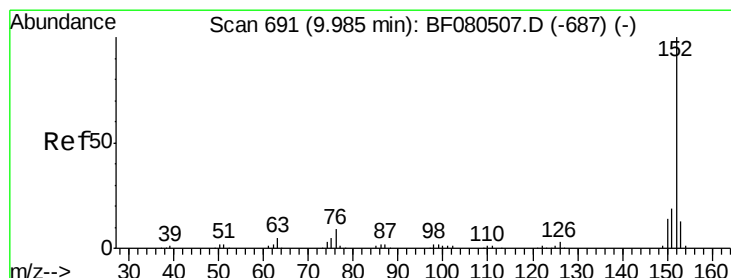
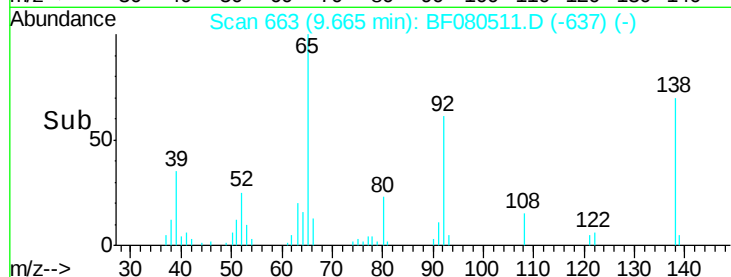
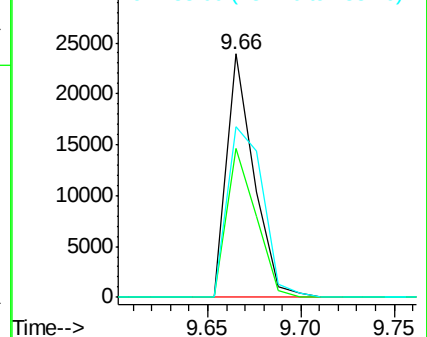
65 100

92 61.2 55.4 83.0

138 69.9 115.5 173.3#



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: 42.20 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

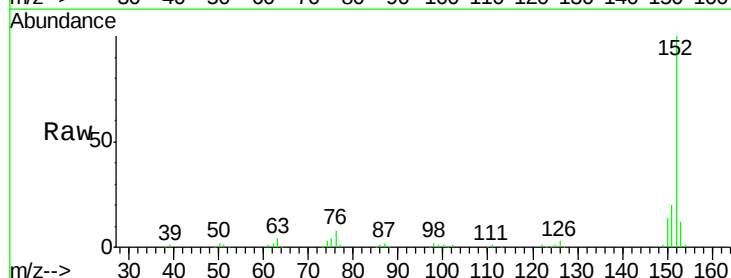
Tgt Ion: 152 Resp: 149442

Ion Ratio Lower Upper

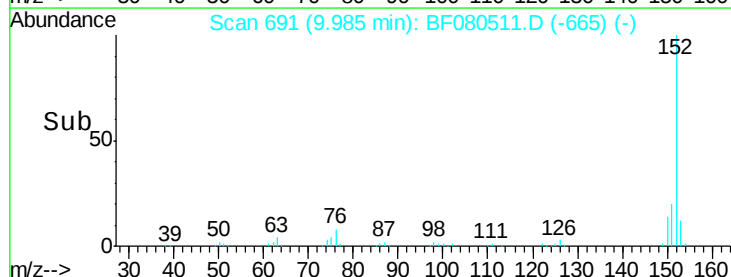
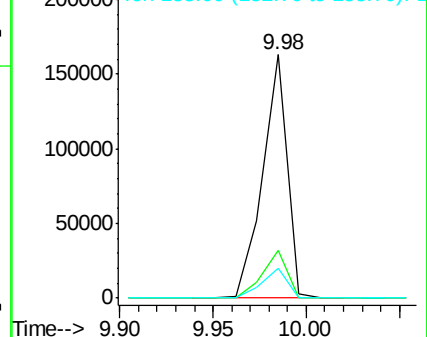
152 100

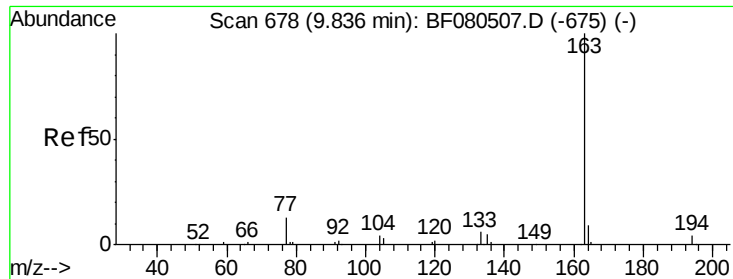
151 19.7 14.6 22.0

153 12.4 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

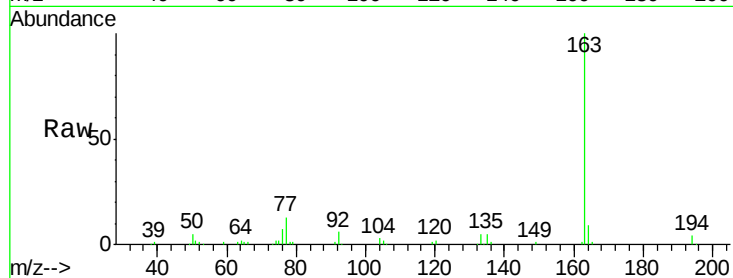




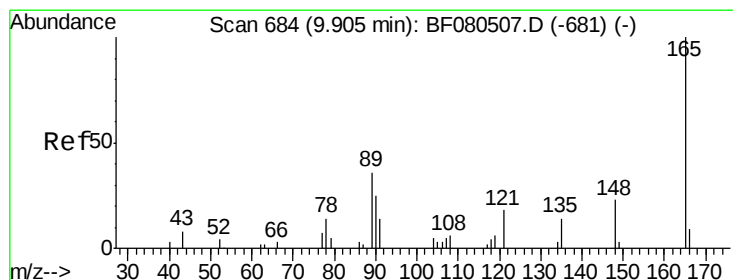
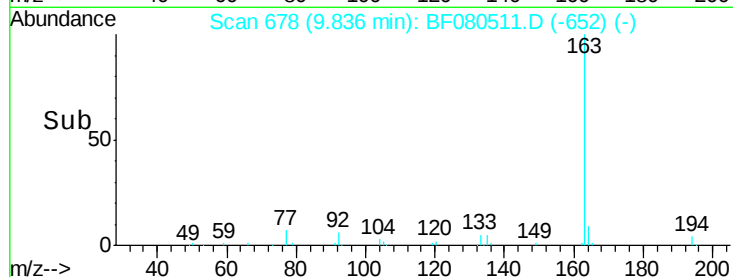
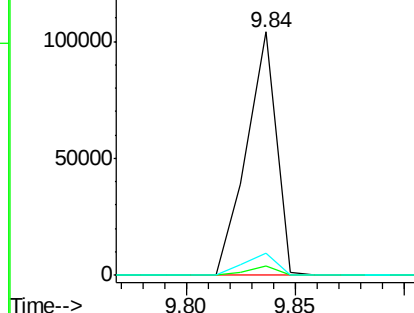
#49
Dimethylphthalate
Concen: 41.67 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071615

Tgt Ion:163 Resp: 98703
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.2 8.3 12.5

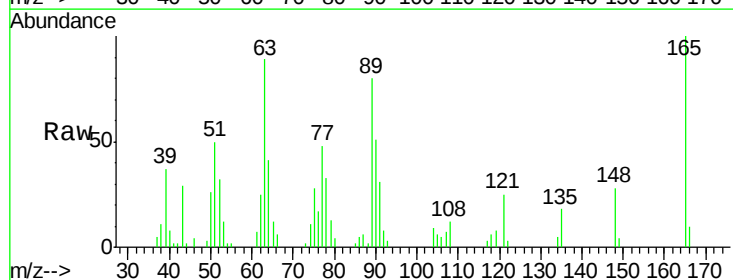


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

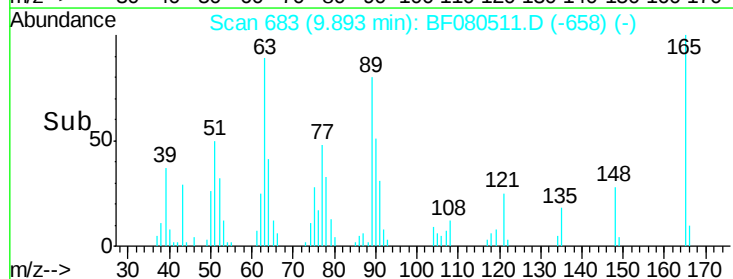
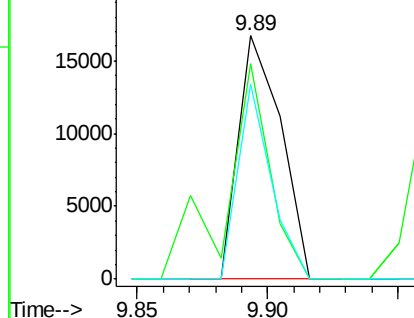


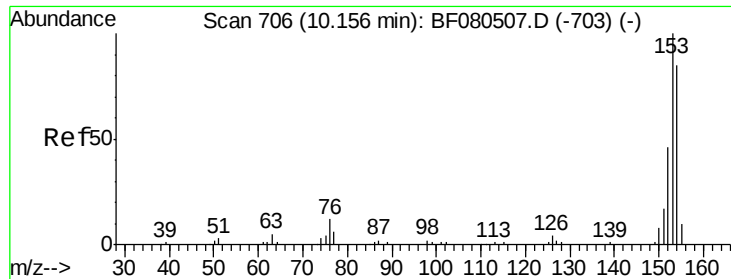
#50
2,6-Dinitrotoluene
Concen: 41.25 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:165 Resp: 19119
Ion Ratio Lower Upper
165 100
63 88.7 32.3 48.5#
89 80.1 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

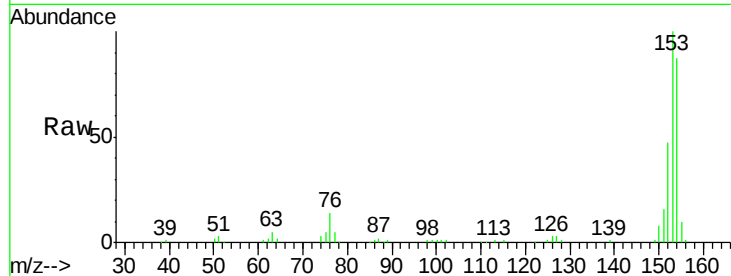




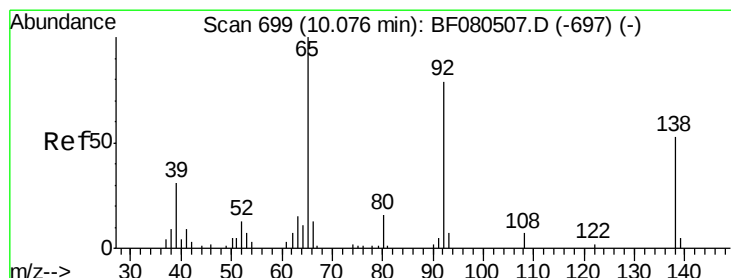
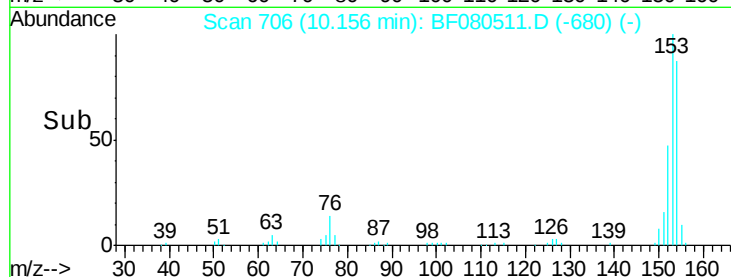
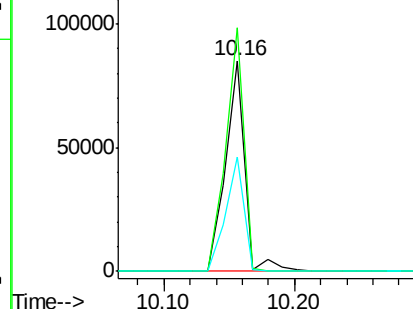
#51
Acenaphthene
Concen: 42.03 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071615

Tgt Ion:154 Resp: 87944
Ion Ratio Lower Upper
154 100
153 115.6 82.1 123.1
152 54.4 37.9 56.9

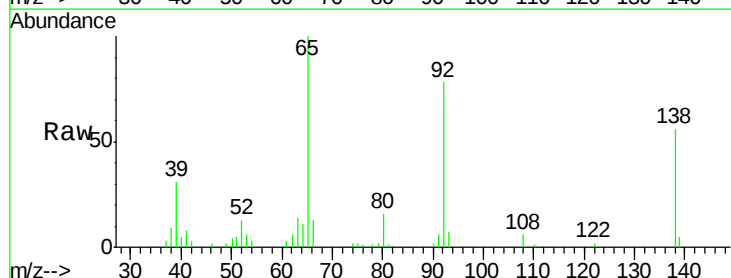


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

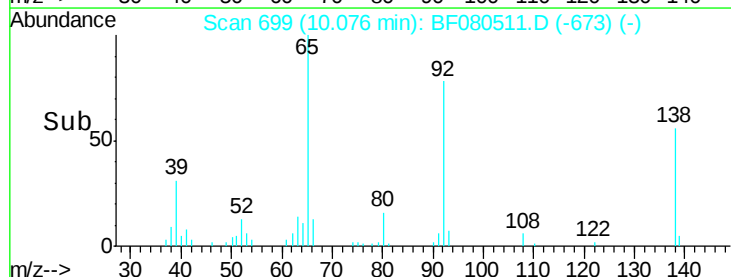
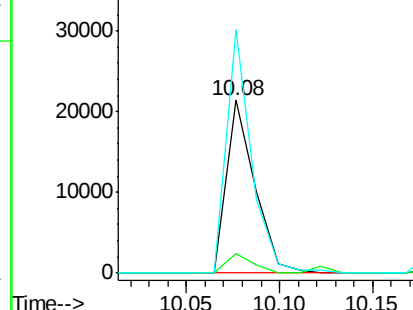


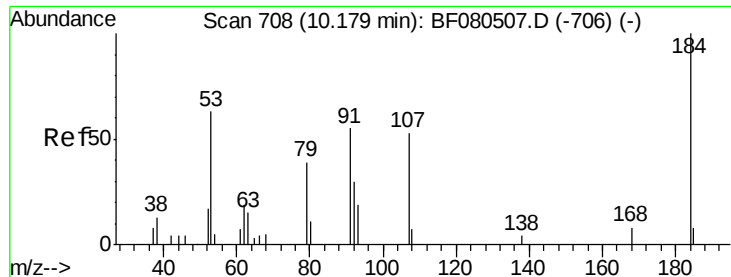
#52
3-Nitroaniline
Concen: 44.15 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:138 Resp: 22603
Ion Ratio Lower Upper
138 100
108 11.2 5.7 8.5#
92 140.8 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

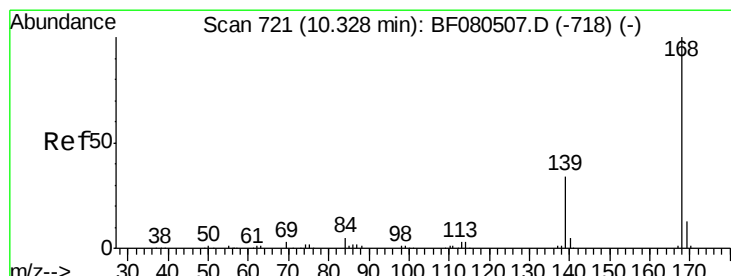
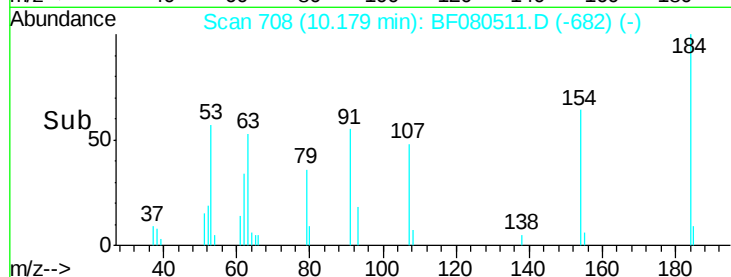
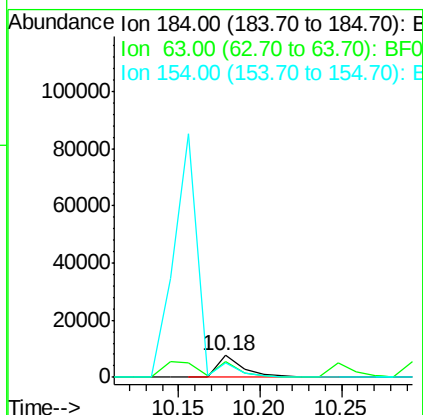
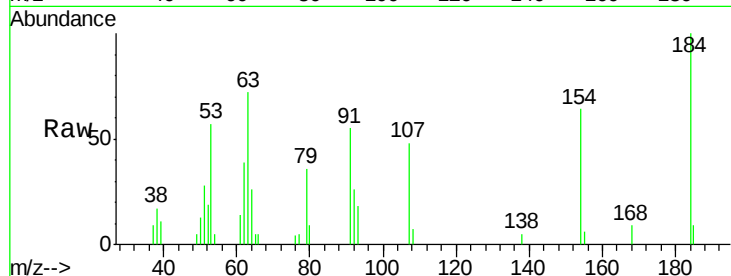




#53
2,4-Dinitrophenol
Concen: 39.04 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

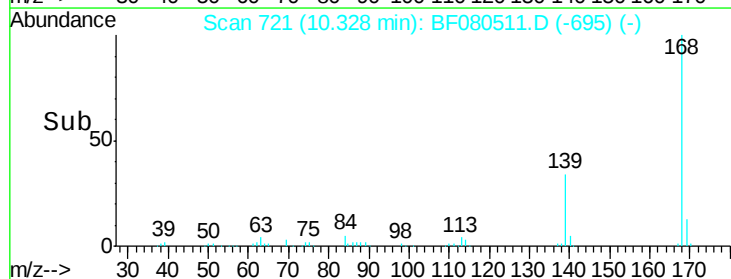
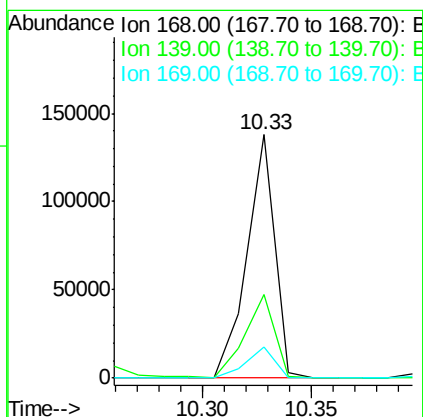
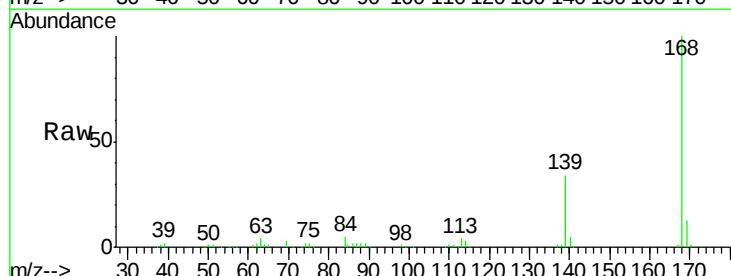
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

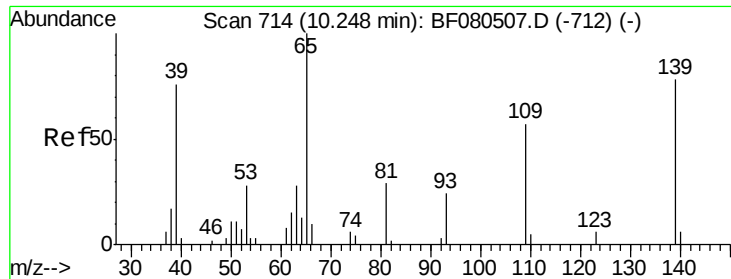
Tgt Ion:184 Resp: 8527
Ion Ratio Lower Upper
184 100
63 71.9 35.4 53.2#
154 63.5 32.2 48.4#



#54
Dibenzofuran
Concen: 40.29 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:168 Resp: 121888
Ion Ratio Lower Upper
168 100
139 34.4 24.2 36.2
169 12.7 10.6 15.8

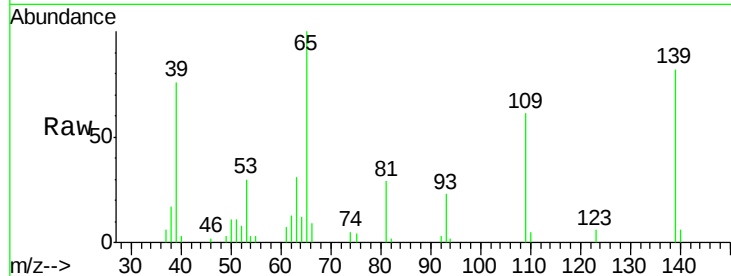




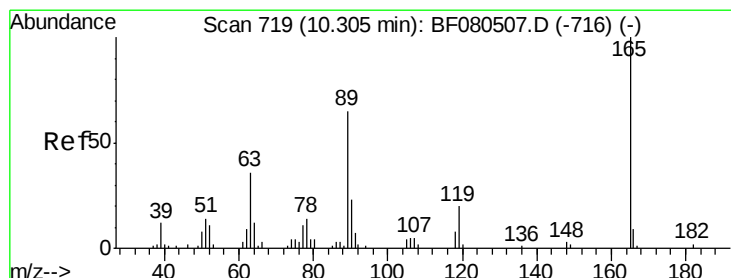
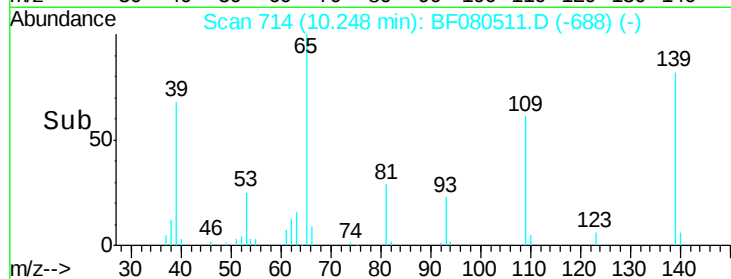
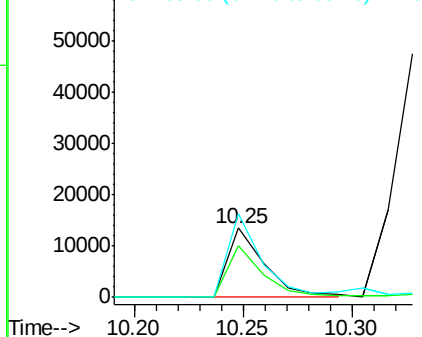
#55
4-Nitrophenol
Concen: 43.49 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Instrument :
BNA_F
ClientSampleId :
ICVBF071615

Tgt Ion:139 Resp: 16038
Ion Ratio Lower Upper
139 100
109 73.8 12.7 52.7#
65 121.4 45.9 85.9#

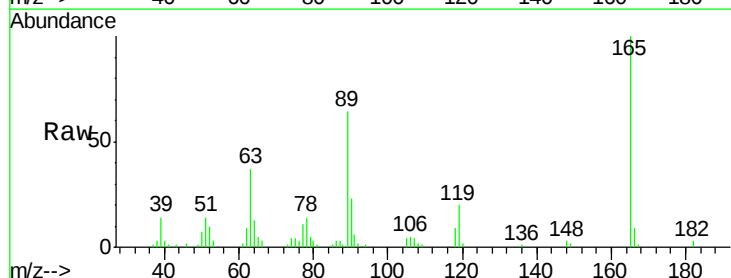


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

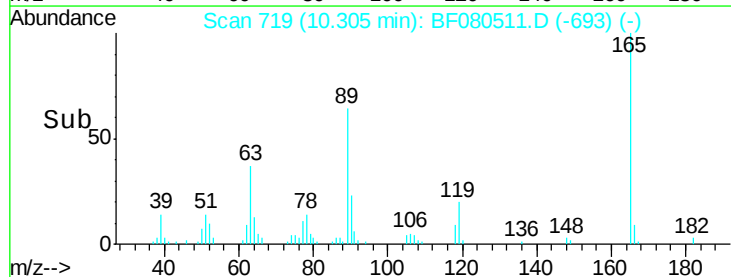
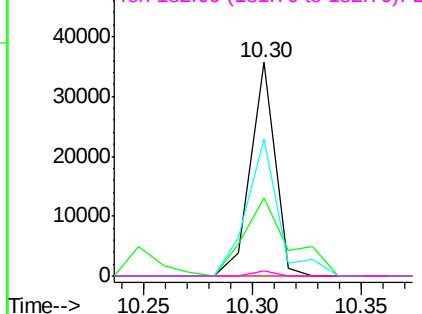


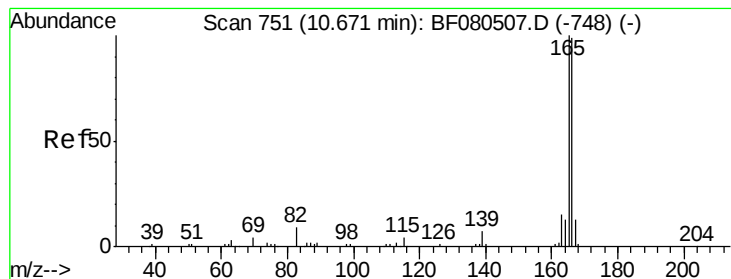
#56
2,4-Dinitrotoluene
Concen: 41.71 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:165 Resp: 28012
Ion Ratio Lower Upper
165 100
63 36.6 29.8 44.6
89 64.4 44.5 66.7
182 2.5 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.49 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

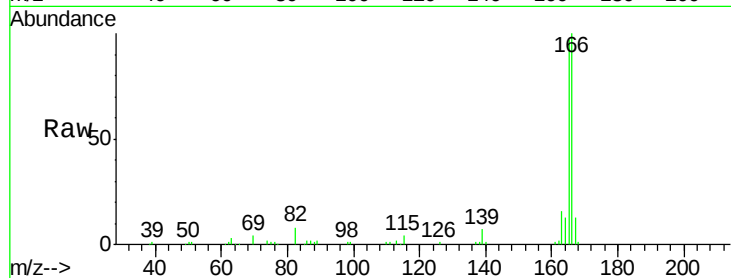
Tgt Ion:166 Resp: 98545

Ion Ratio Lower Upper

166 100

165 97.3 72.6 109.0

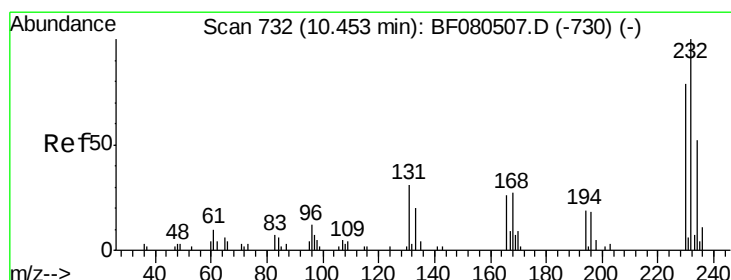
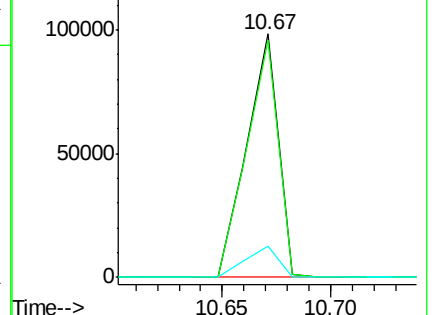
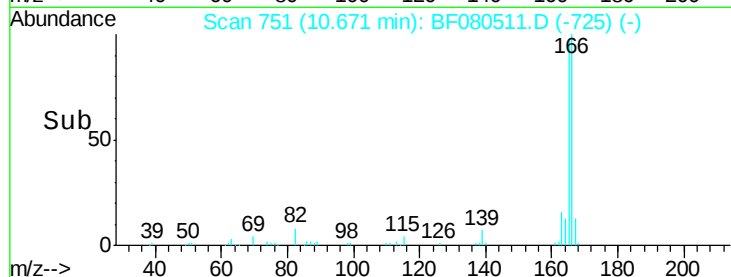
167 12.8 10.6 16.0



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: 42.24 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Tgt Ion:232 Resp: 21748

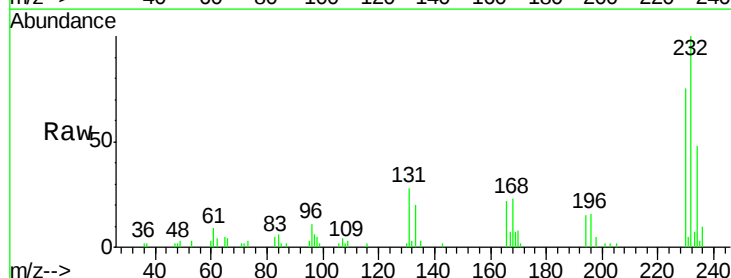
Ion Ratio Lower Upper

232 100

131 48.1 38.5 57.7

130 2.1 1.8 2.6

166 30.9 25.0 37.6

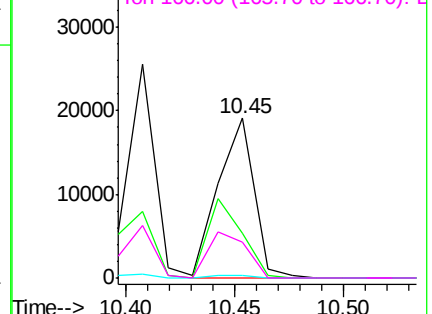
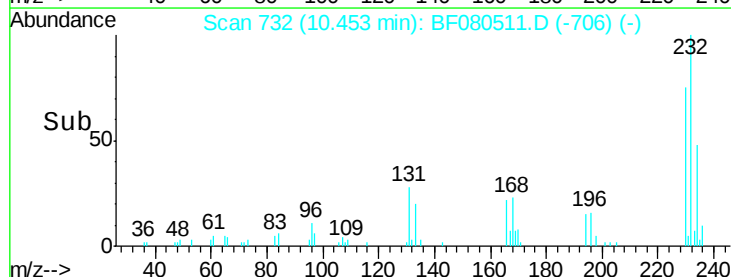


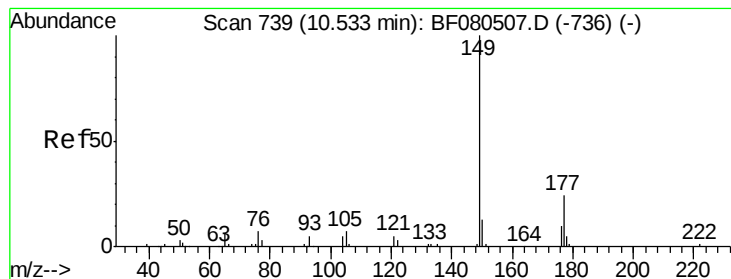
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.51 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

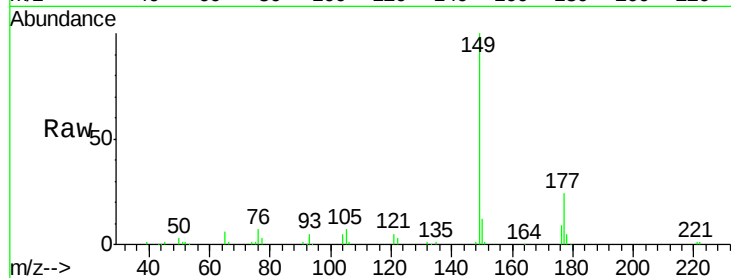
Tgt Ion:149 Resp: 92736

Ion Ratio Lower Upper

149 100

177 23.9 17.5 26.3

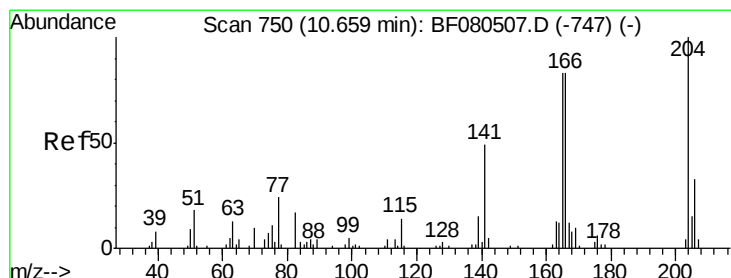
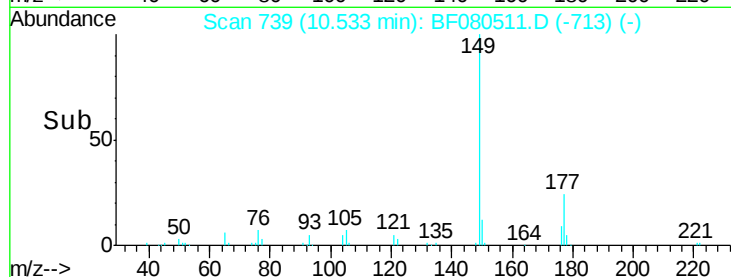
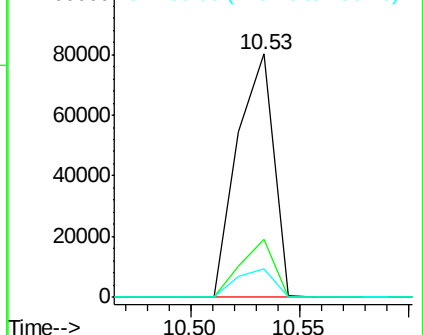
150 11.8 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.60 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

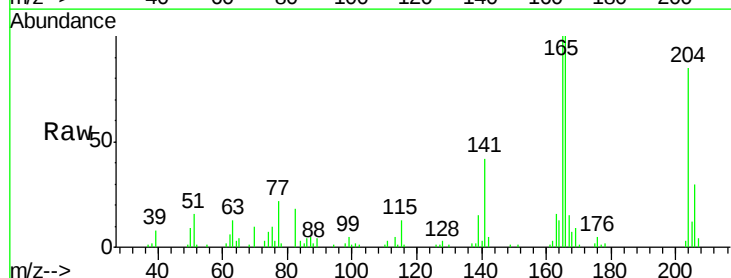
Tgt Ion:204 Resp: 43151

Ion Ratio Lower Upper

204 100

206 35.3 24.8 37.2

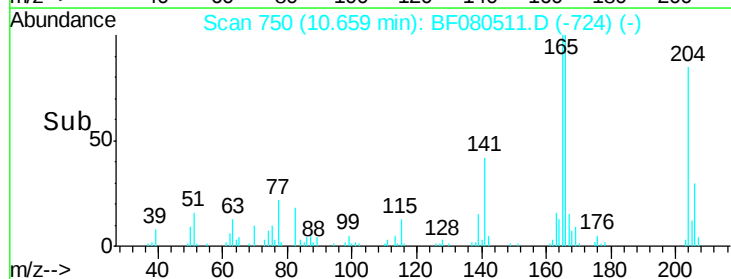
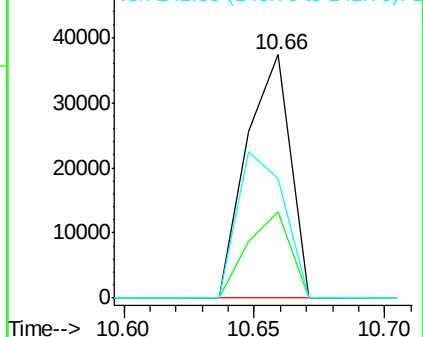
141 48.8 42.2 63.4

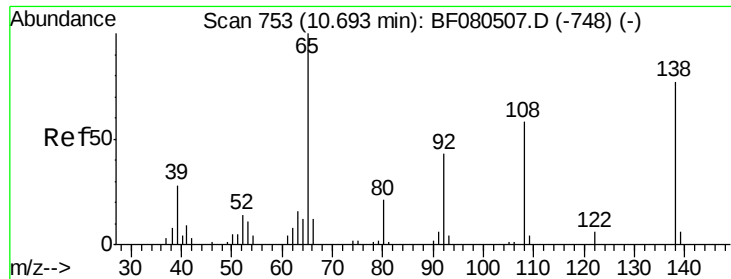


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

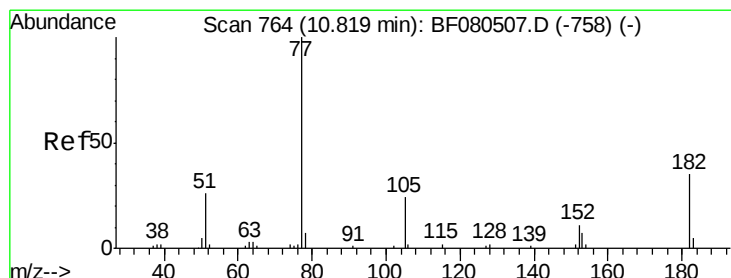
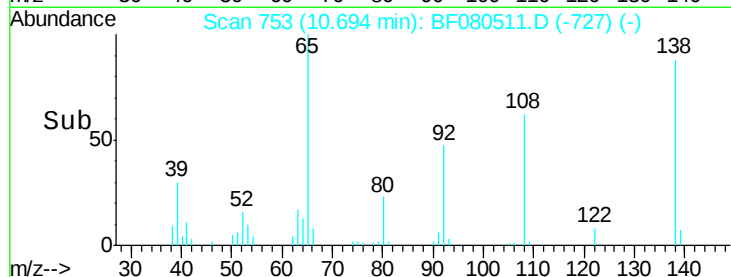
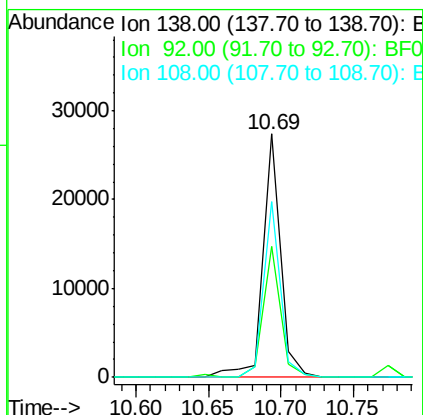
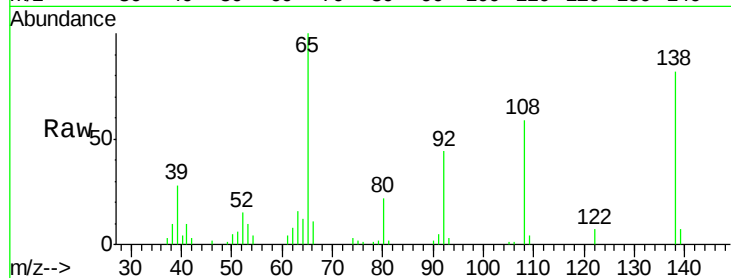




#61
4-Nitroaniline
Concen: 45.95 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

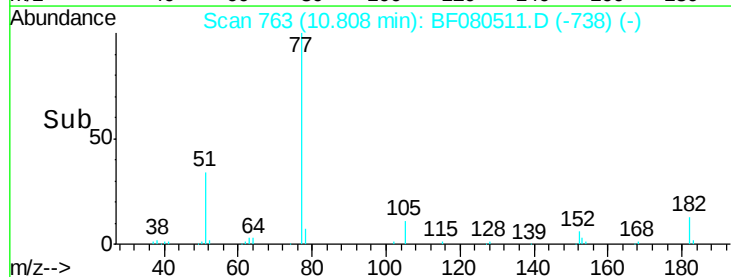
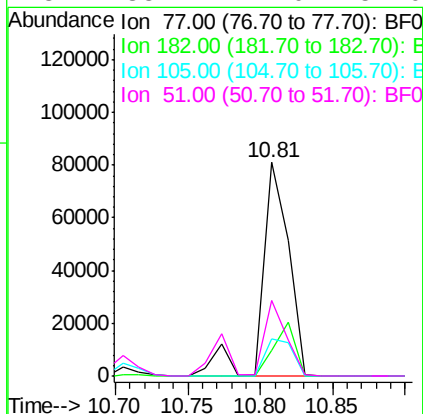
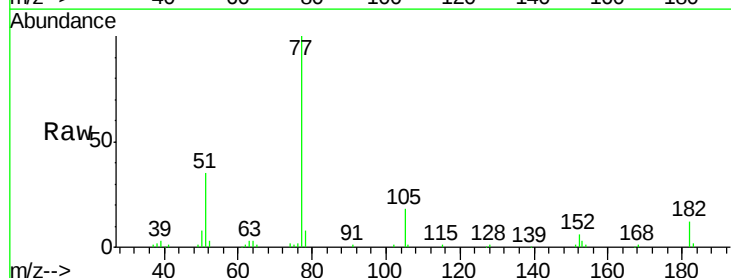
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

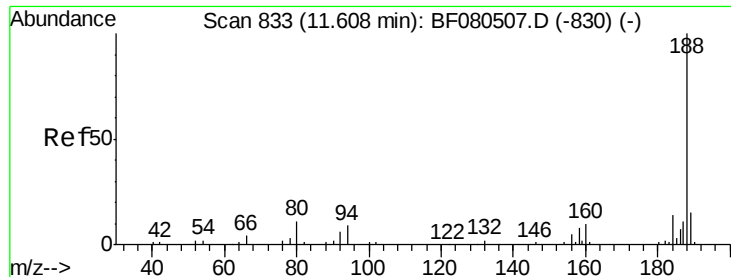
Tgt Ion: 138 Resp: 23292
Ion Ratio Lower Upper
138 100
92 53.9 12.6 52.6#
108 72.3 12.4 52.4#



#62
Azobenzene
Concen: 43.38 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion: 77 Resp: 101808
Ion Ratio Lower Upper
77 100
182 12.2 15.1 55.1#
105 17.7 3.4 43.4
51 35.2 12.0 52.0

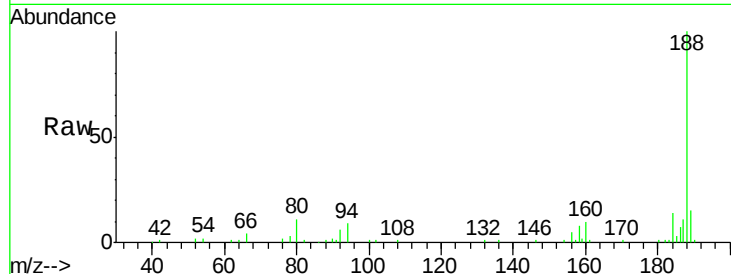




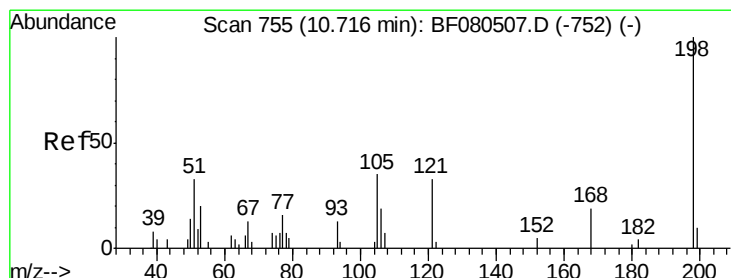
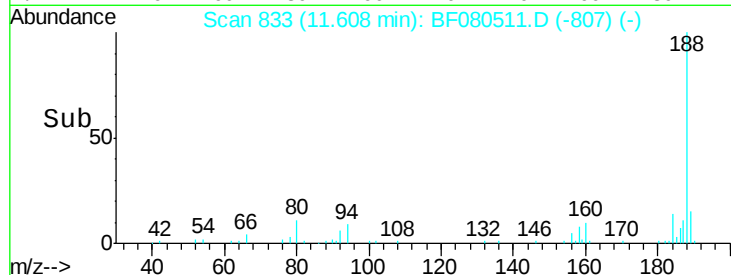
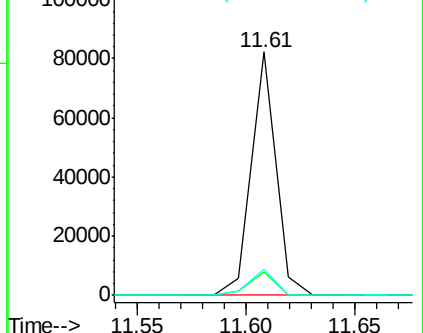
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.61 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:188 Resp: 64611
 Ion Ratio Lower Upper
 188 100
 94 9.5 11.1 16.7#
 80 10.9 11.0 16.4#

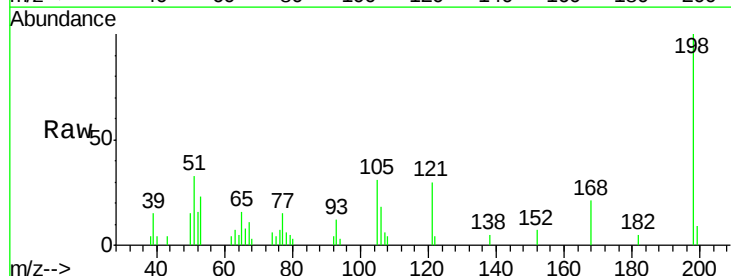


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

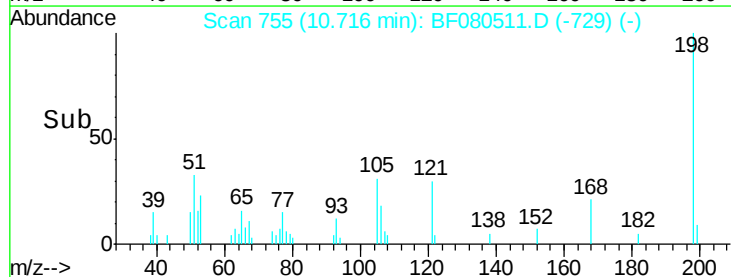
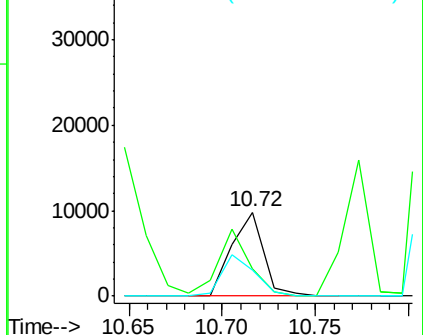


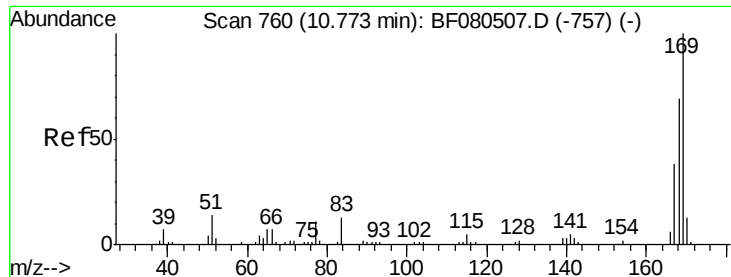
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.60 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:198 Resp: 11840
 Ion Ratio Lower Upper
 198 100
 51 32.9 39.6 79.6#
 105 30.9 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

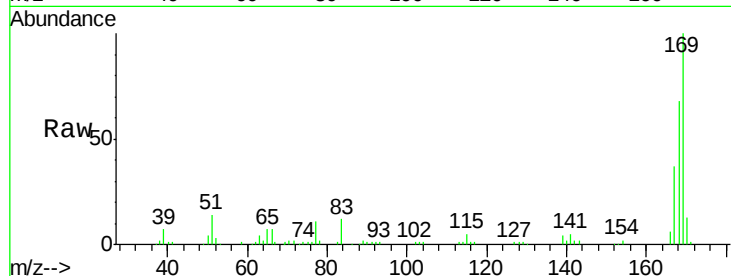




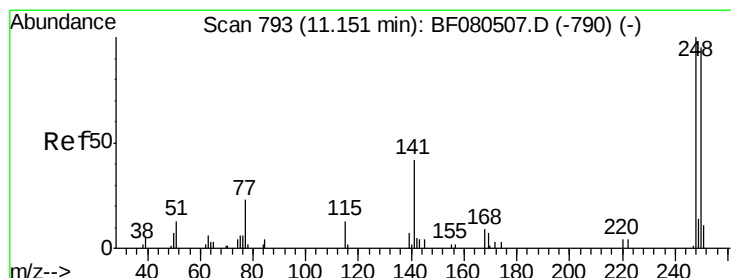
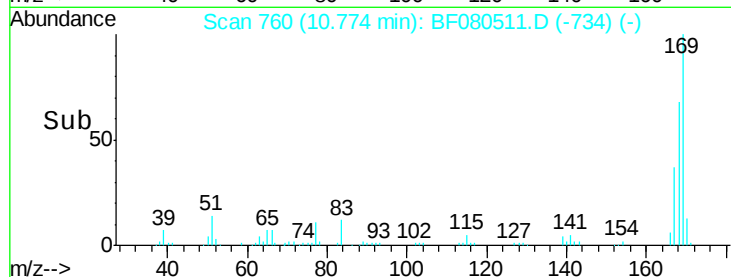
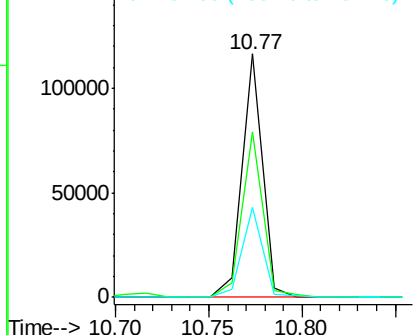
#65
 n-Nitrosodiphenylamine
 Concen: 40.94 ng
 RT: 10.77 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:169 Resp: 89961
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 36.9 26.2 39.4

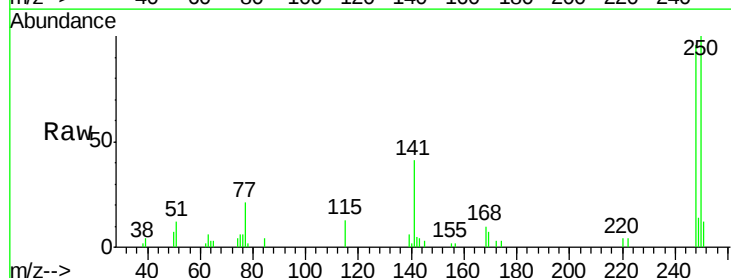


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

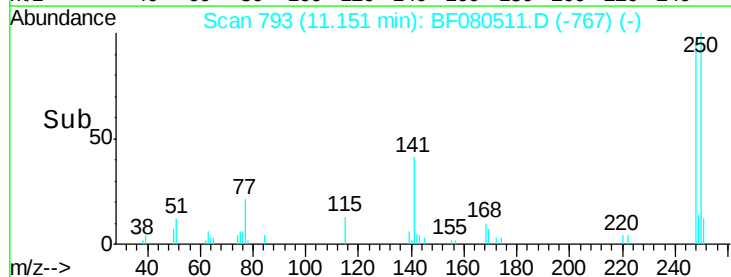
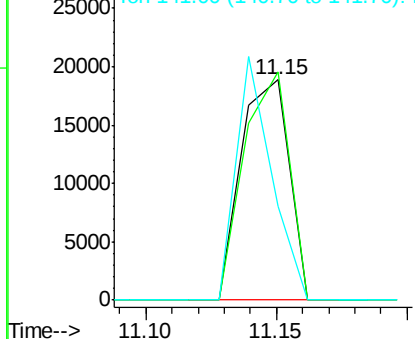


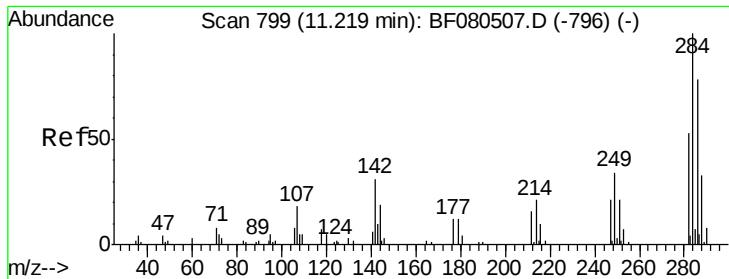
#66
 4-Bromophenyl-phenylether
 Concen: 38.83 ng
 RT: 11.15 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:248 Resp: 24436
 Ion Ratio Lower Upper
 248 100
 250 103.8 78.5 117.7
 141 42.6 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

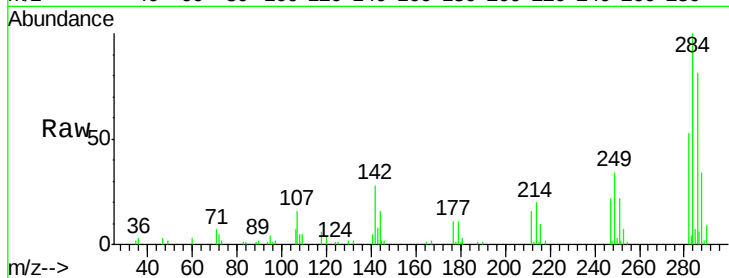




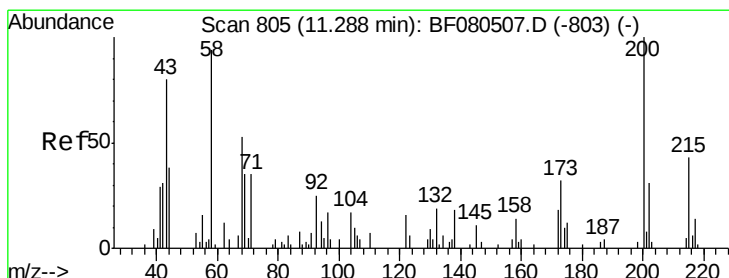
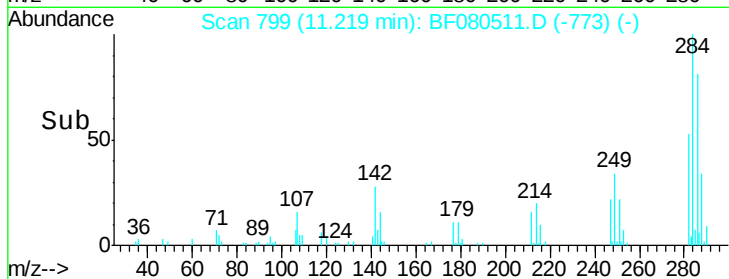
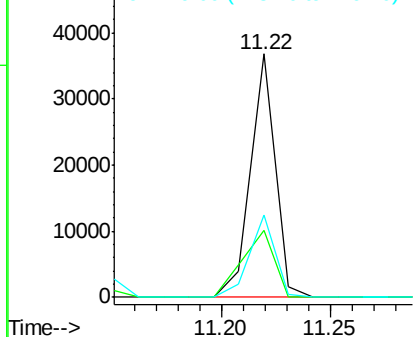
#67
 Hexachlorobenzene
 Concen: 41.74 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:284 Resp: 29042
 Ion Ratio Lower Upper
 284 100
 142 27.5 29.5 44.3#
 249 33.9 19.5 29.3#

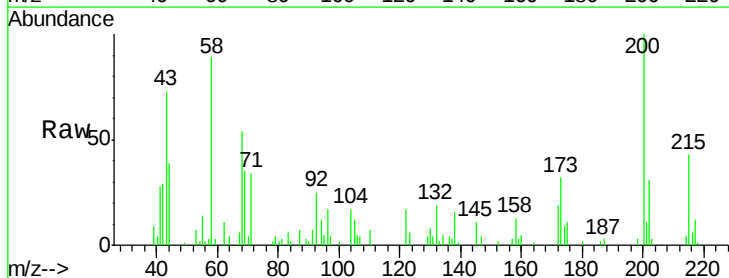


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

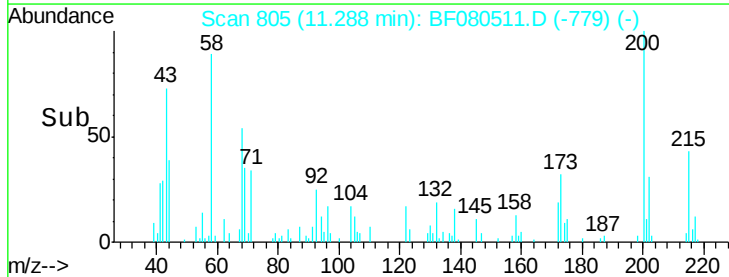
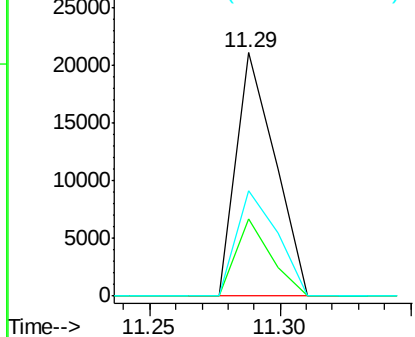


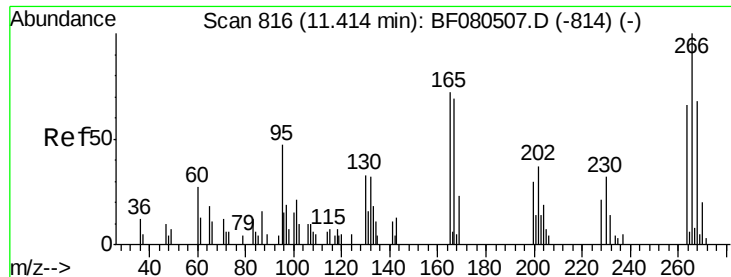
#68
 Atrazine
 Concen: 37.09 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:200 Resp: 22068
 Ion Ratio Lower Upper
 200 100
 173 31.7 13.2 53.2
 215 43.3 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

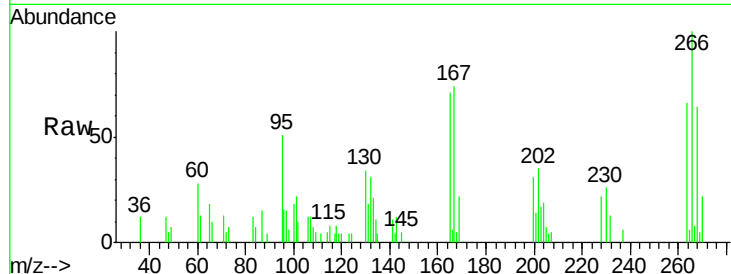




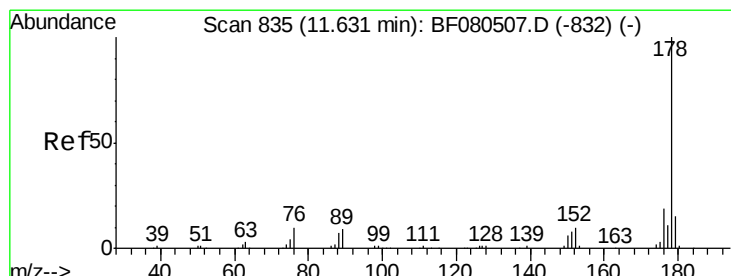
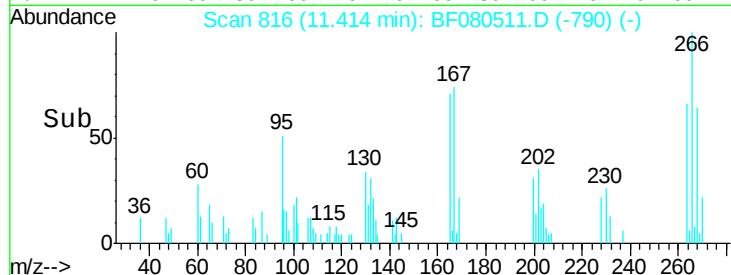
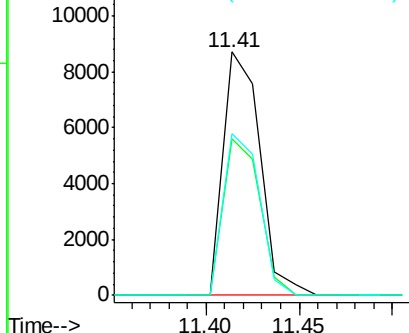
#69
 Pentachlorophenol
 Concen: 35.65 ng
 RT: 11.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:266 Resp: 12001
 Ion Ratio Lower Upper
 266 100
 268 64.3 49.8 74.6
 264 66.2 50.2 75.2

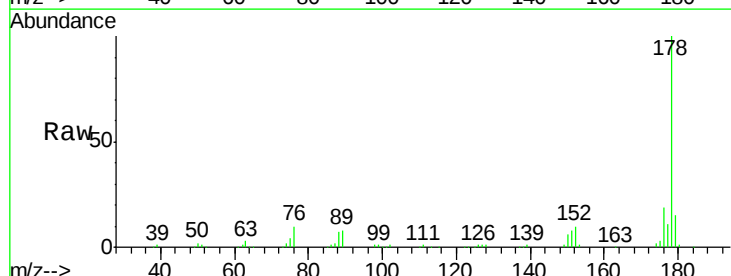


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

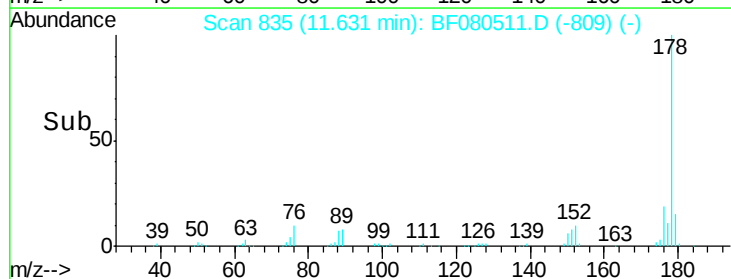
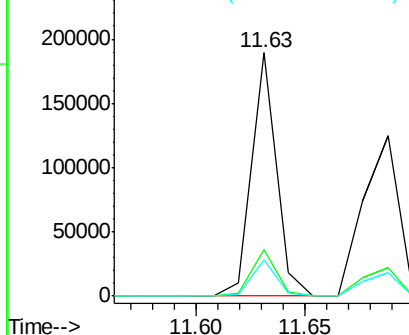


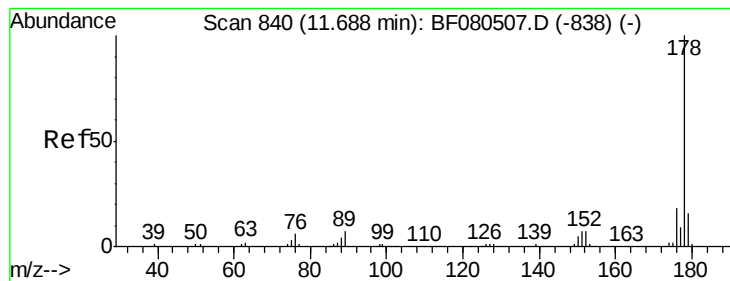
#70
 Phenanthrene
 Concen: 41.34 ng
 RT: 11.63 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:178 Resp: 150411
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 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





#71

Anthracene

Concen: 40.68 ng

RT: 11.69 min Scan# 840

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

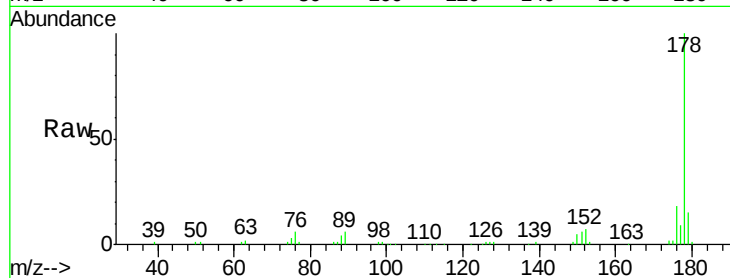
Tgt Ion:178 Resp: 140356

Ion Ratio Lower Upper

178 100

176 17.9 14.1 21.1

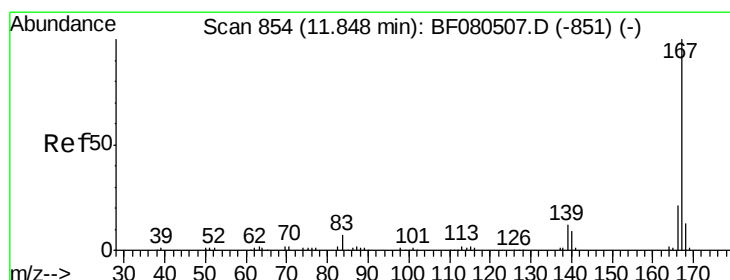
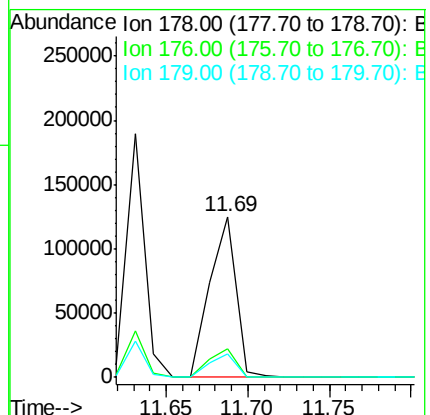
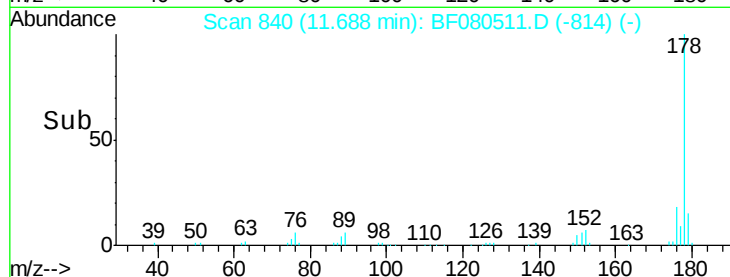
179 14.9 12.2 18.2



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: 39.08 ng

RT: 11.85 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

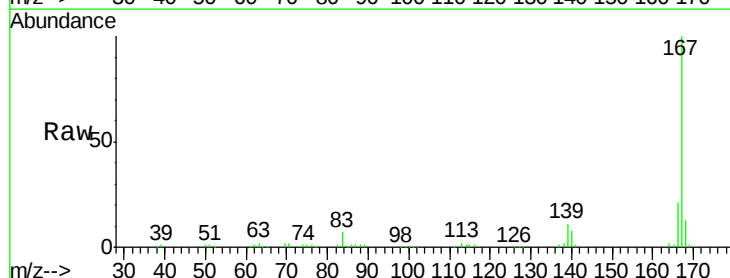
Tgt Ion:167 Resp: 118255

Ion Ratio Lower Upper

167 100

166 21.2 15.7 23.5

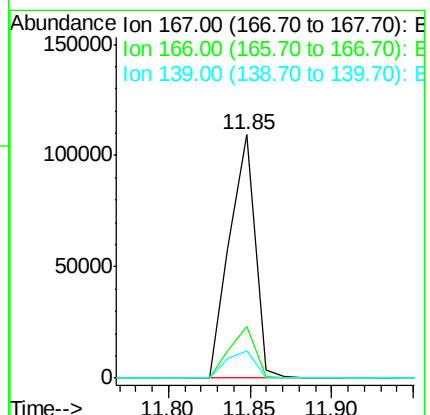
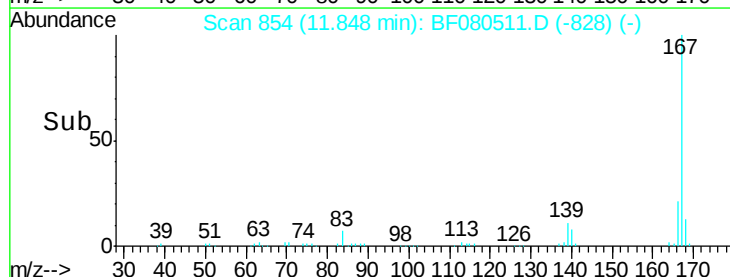
139 11.2 9.5 14.3

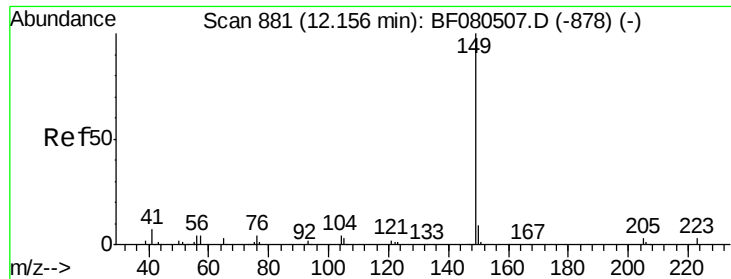


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.44 ng

RT: 12.16 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

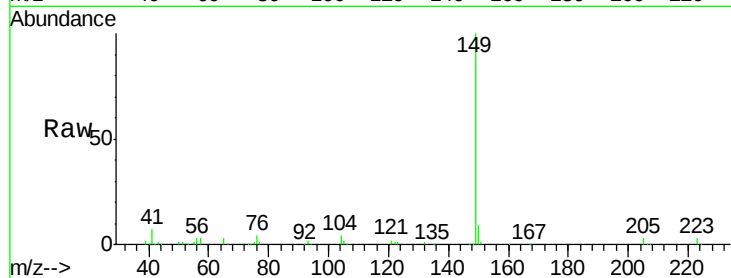
Tgt Ion:149 Resp: 146961

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

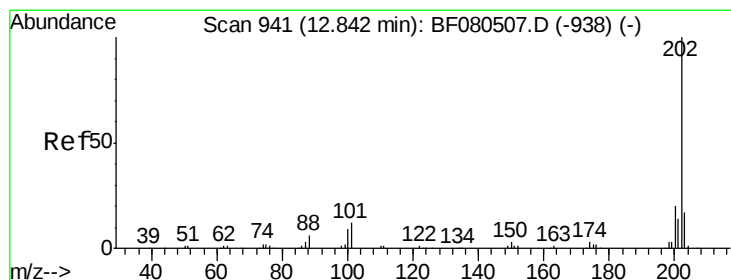
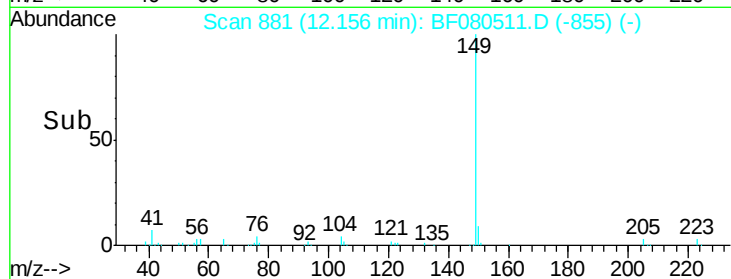
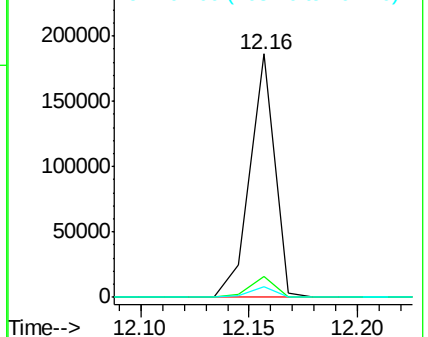
104 4.3 2.4 3.6#



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: 40.04 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

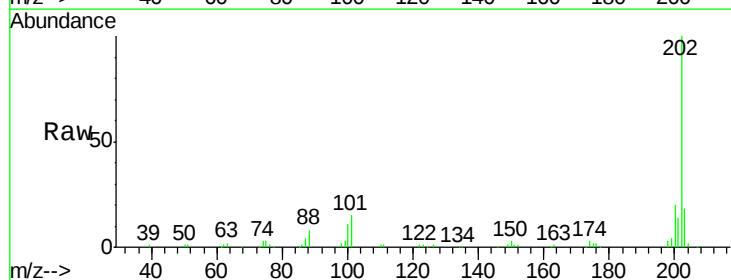
Tgt Ion:202 Resp: 136435

Ion Ratio Lower Upper

202 100

101 14.6 0.0 38.3

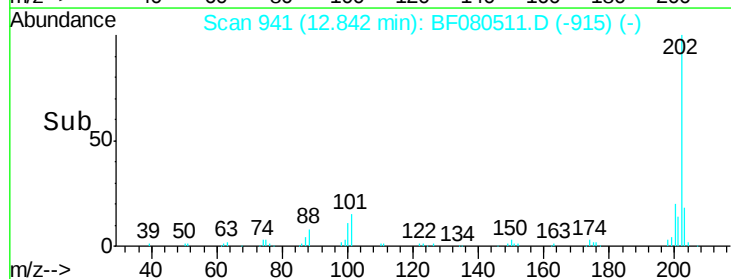
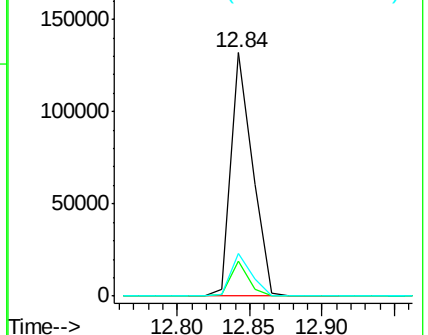
203 17.8 0.0 37.3

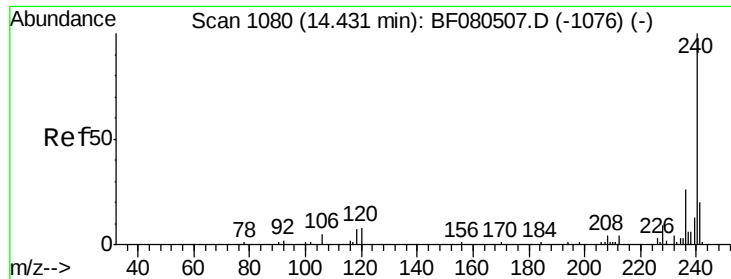


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

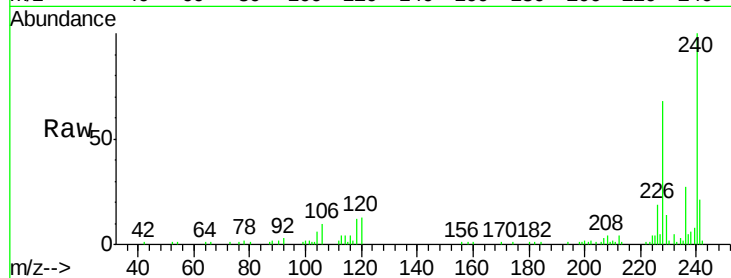
Tgt Ion:240 Resp: 53199

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

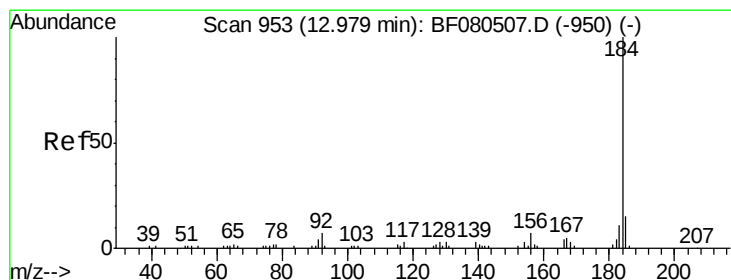
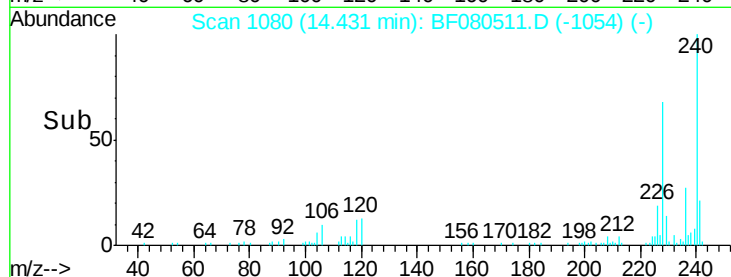
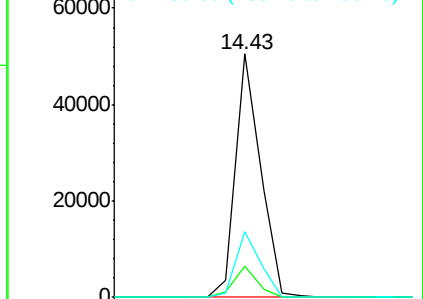
236 27.0 18.4 27.6



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: 40.93 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

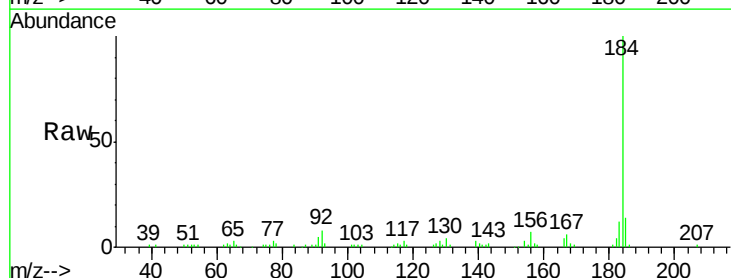
Tgt Ion:184 Resp: 71709

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

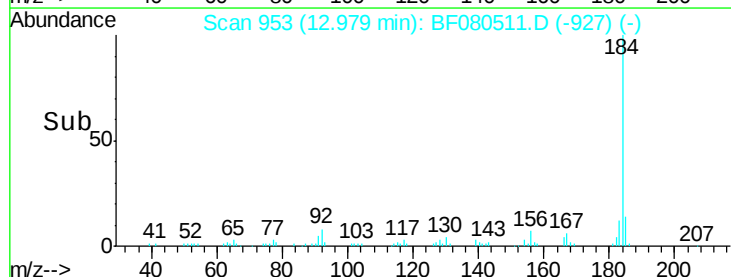
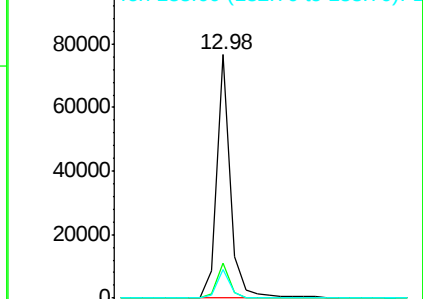
183 11.7 7.6 11.4#

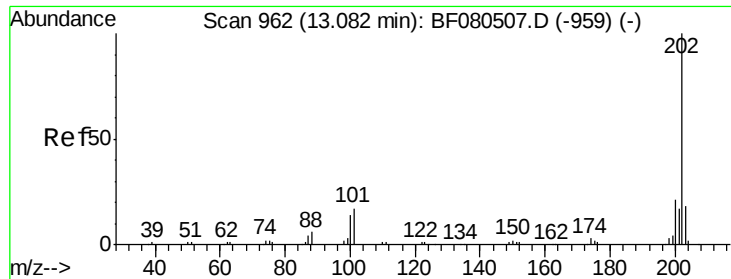


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

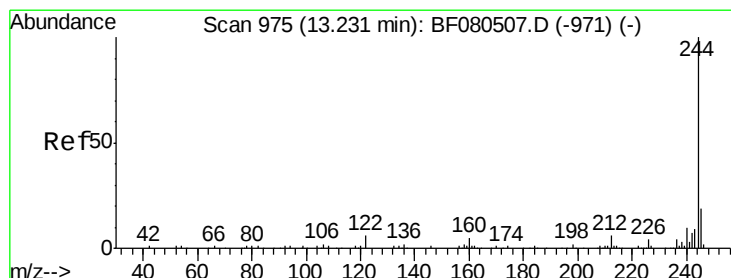
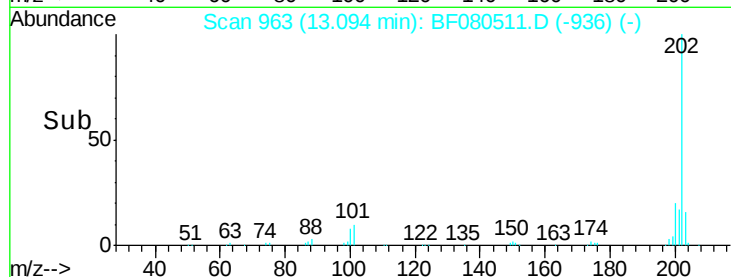
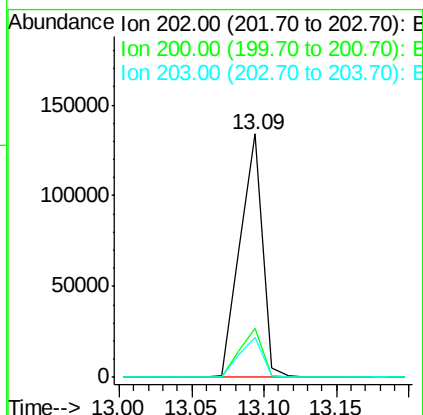
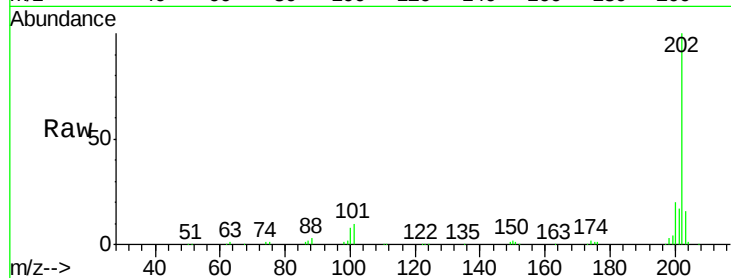




#77
 Pyrene
 Concen: 41.52 ng
 RT: 13.09 min Scan# 963
 Delta R.T. 0.01 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

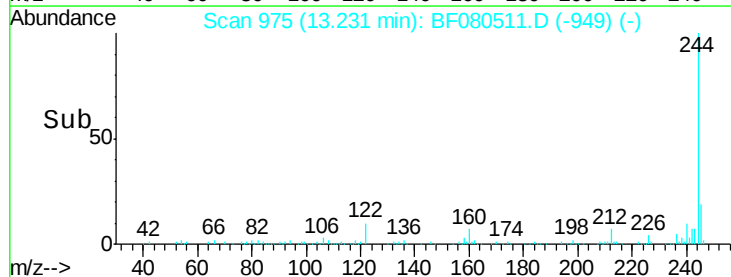
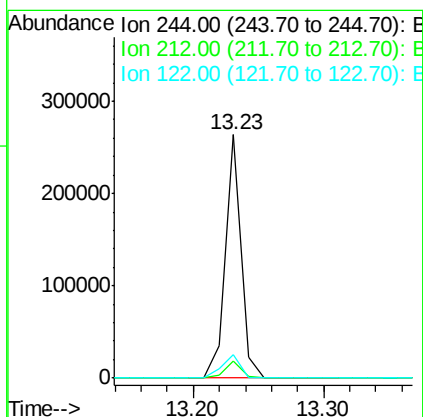
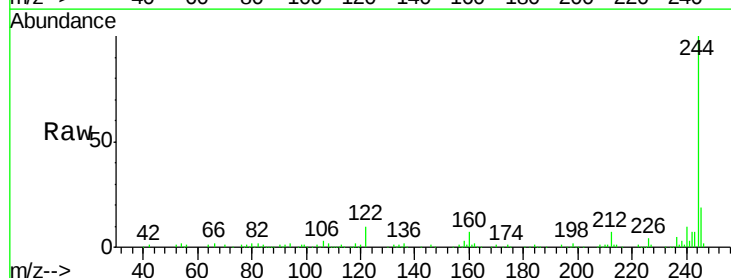
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

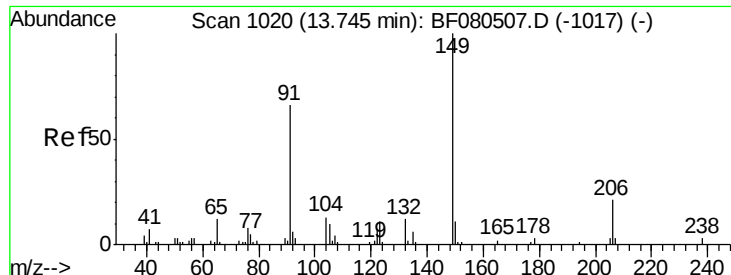
Tgt Ion: 202 Resp: 144030
 Ion Ratio Lower Upper
 202 100
 200 20.0 15.0 22.4
 203 16.5 14.1 21.1



#78
 Terphenyl-d14
 Concen: 86.53 ng
 RT: 13.23 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion: 244 Resp: 222019
 Ion Ratio Lower Upper
 244 100
 212 6.8 4.3 6.5#
 122 9.6 17.4 26.2#

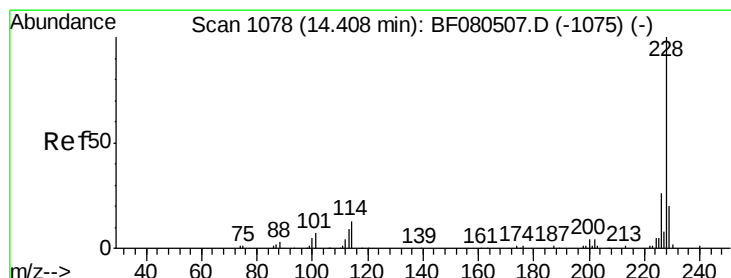
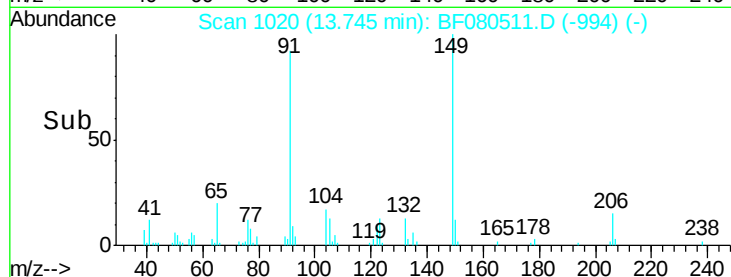
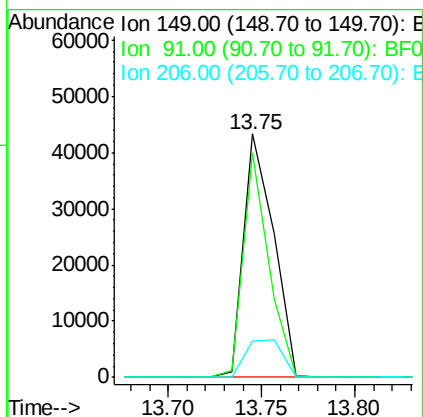
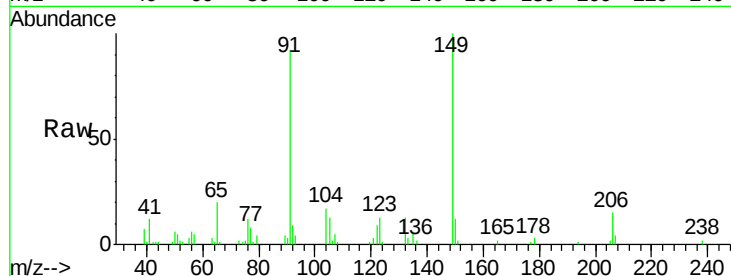




#79
Butylbenzylphthalate
Concen: 38.80 ng
RT: 13.75 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

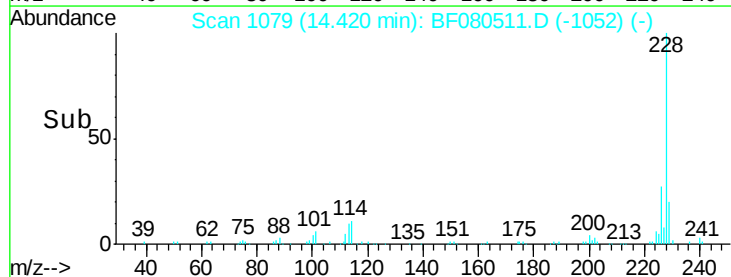
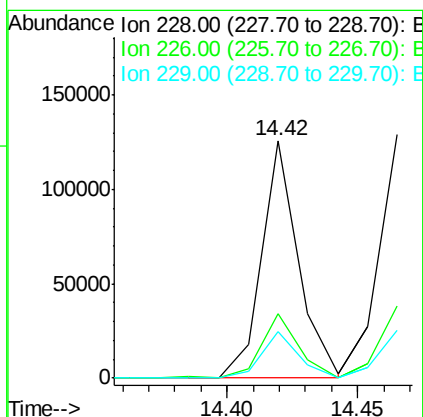
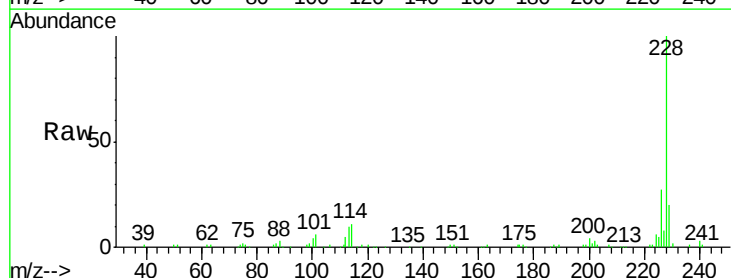
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

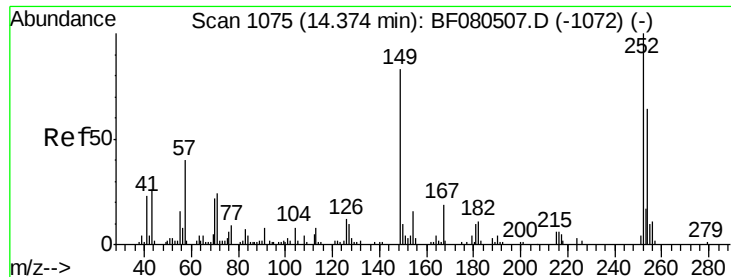
Tgt Ion:149 Resp: 48191
Ion Ratio Lower Upper
149 100
91 92.3 48.6 72.8#
206 14.9 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 41.35 ng
RT: 14.42 min Scan# 1079
Delta R.T. 0.01 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:228 Resp: 123435
Ion Ratio Lower Upper
228 100
226 27.0 20.0 30.0
229 19.6 15.4 23.2

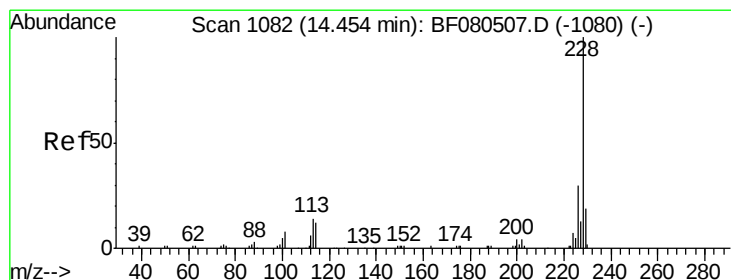
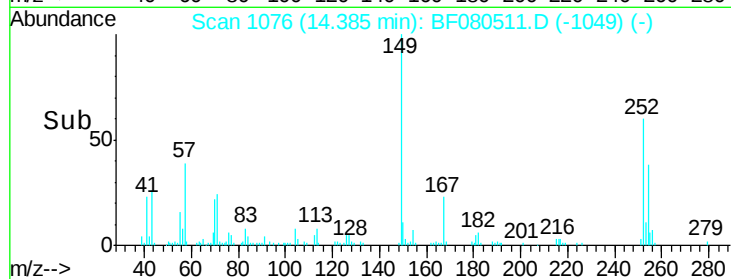
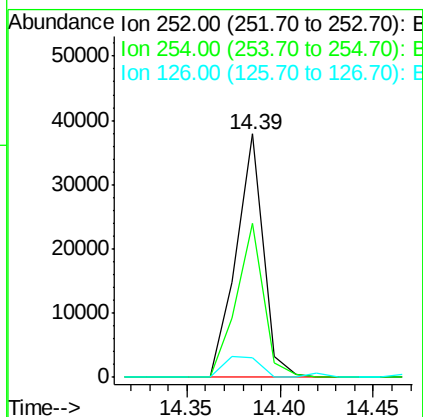
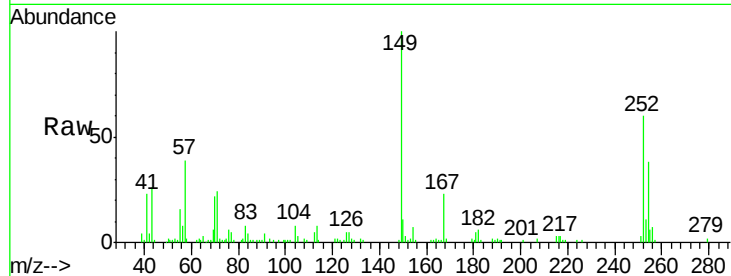




#81
 3,3'-Dichlorobenzidine
 Concen: 39.73 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

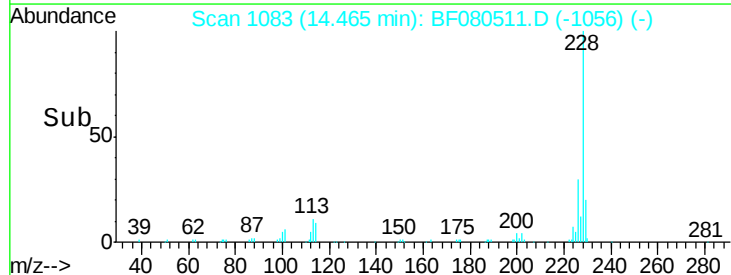
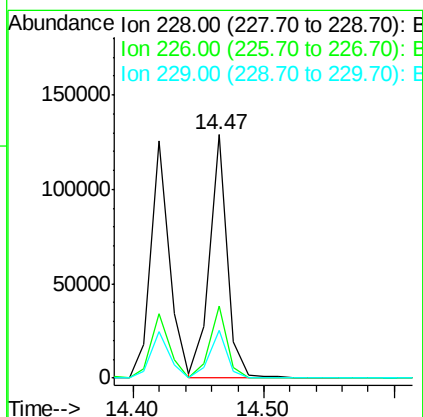
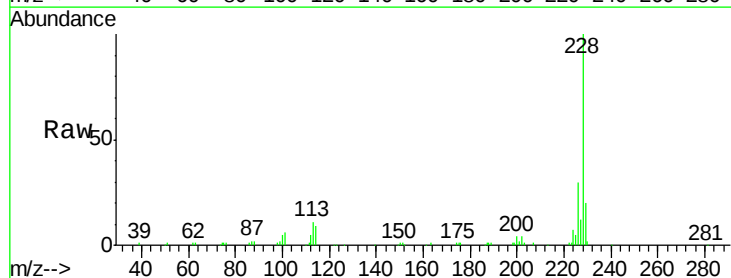
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

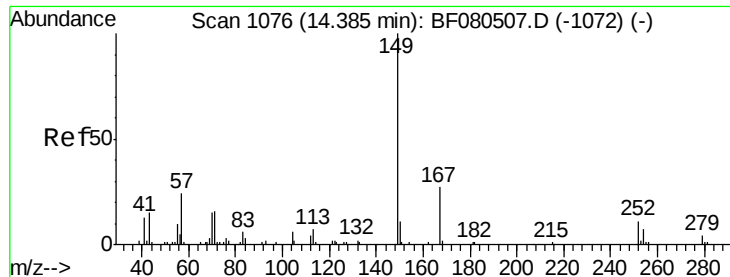
Tgt Ion:252 Resp: 38782
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.4 77.2
 126 8.0 16.4 24.6#



#82
 Chrysene
 Concen: 42.34 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:228 Resp: 122942
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.0 31.4
 229 19.6 15.6 23.4

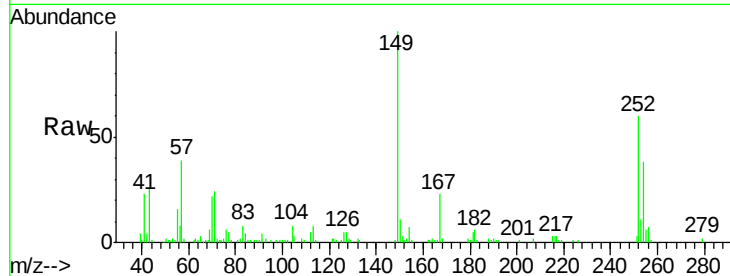




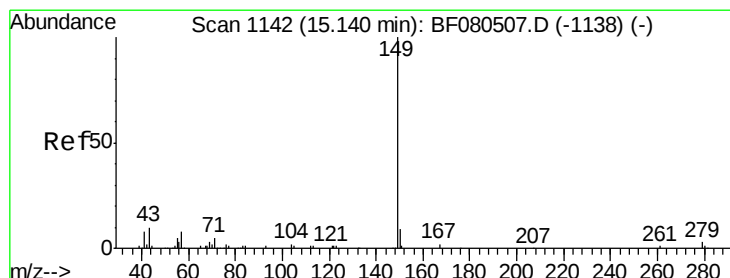
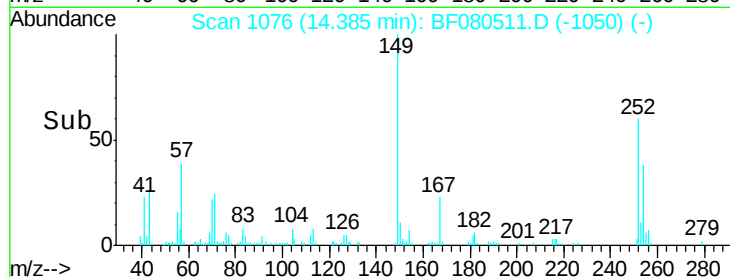
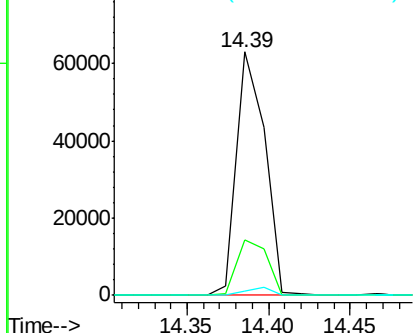
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.74 ng
 RT: 14.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion:149 Resp: 75797
 Ion Ratio Lower Upper
 149 100
 167 22.7 24.2 36.2#
 279 1.7 3.8 5.6#

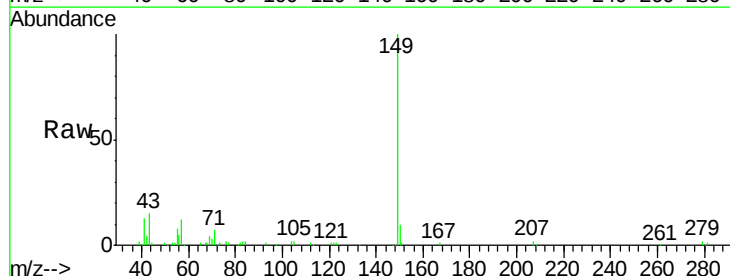


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

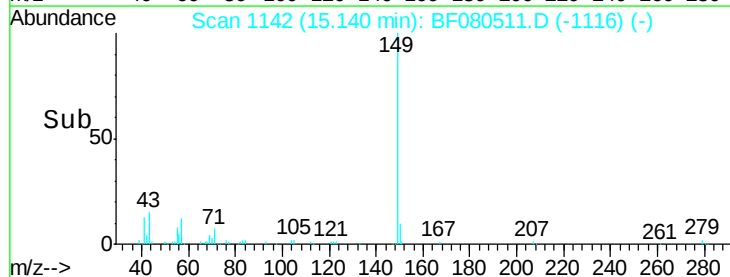
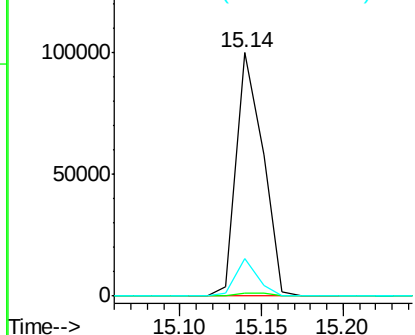


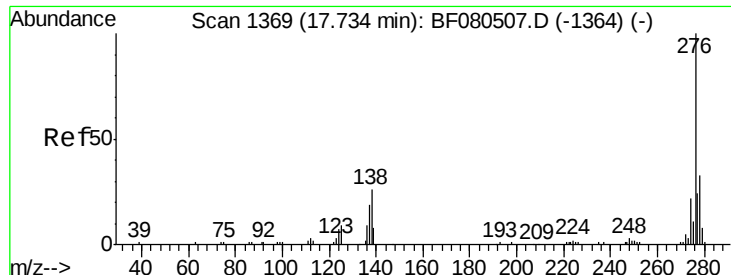
#84
 Di-n-octyl phthalate
 Concen: 38.40 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion:149 Resp: 112290
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 13.0 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

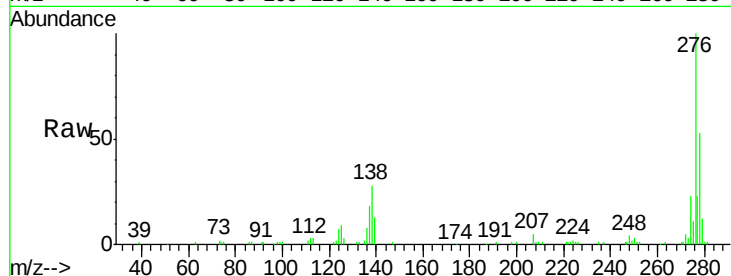




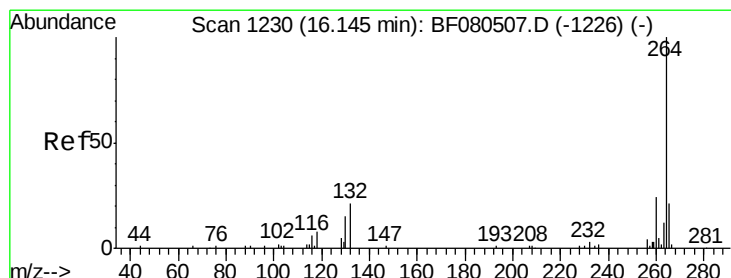
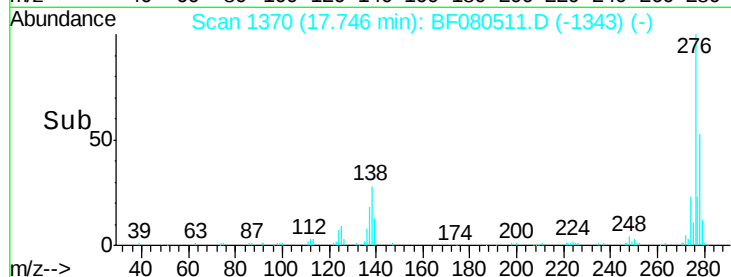
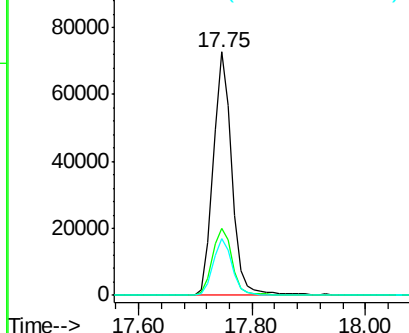
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.83 ng
 RT: 17.75 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF071615

Tgt Ion: 276 Resp: 162989
 Ion Ratio Lower Upper
 276 100
 138 29.1 25.7 38.5
 277 23.8 15.6 23.4#

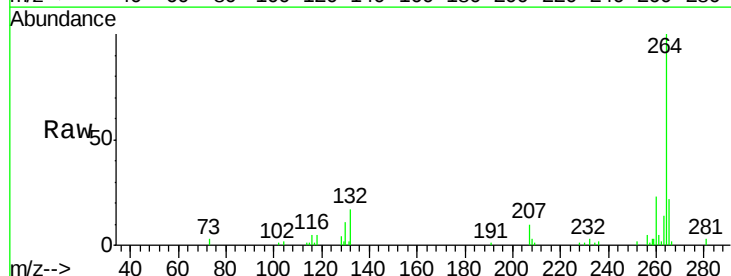


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

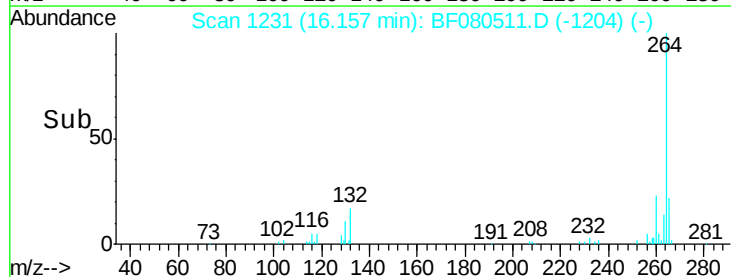
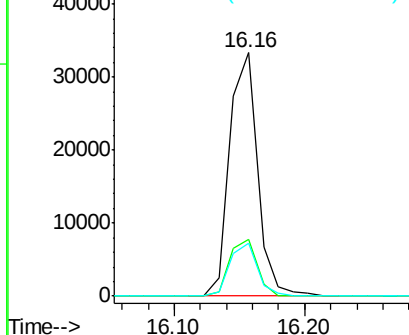


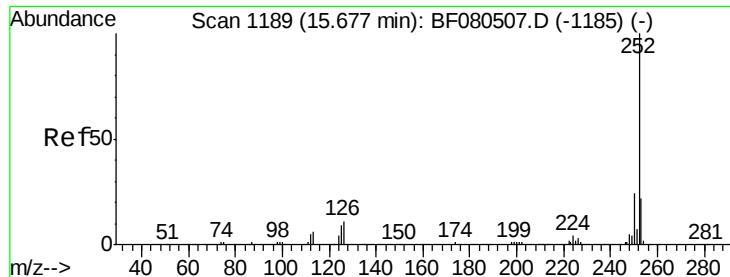
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.16 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF080511.D
 Acq: 16 Jul 2015 15:26

Tgt Ion: 264 Resp: 49712
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.6 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

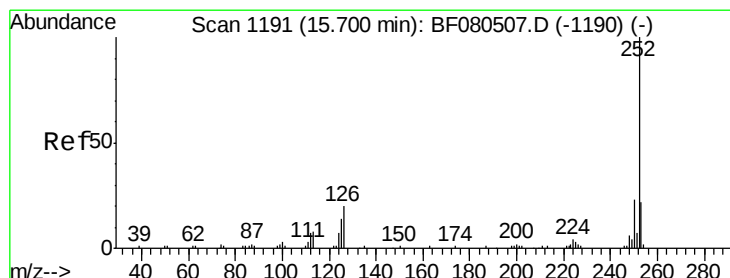
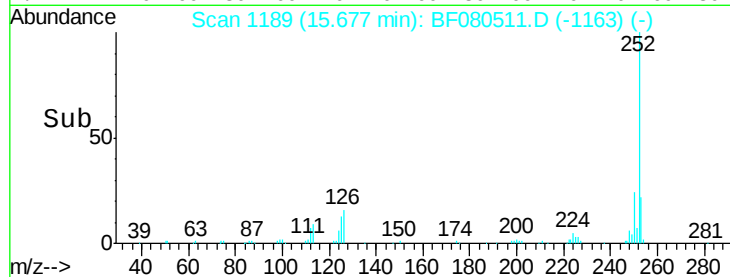
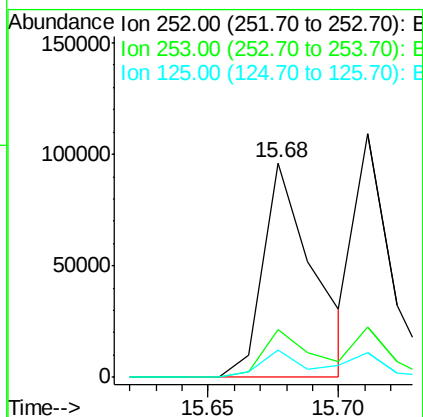
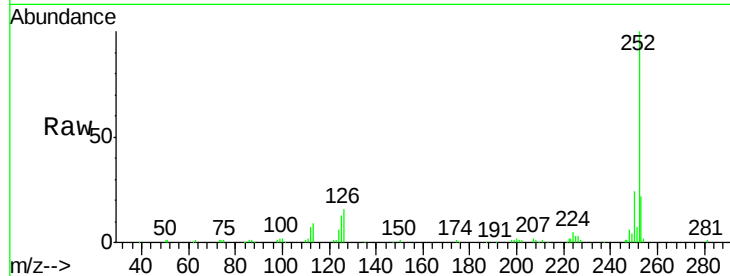




#87
Benzo(b)fluoranthene
Concen: 44.99 ng
RT: 15.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

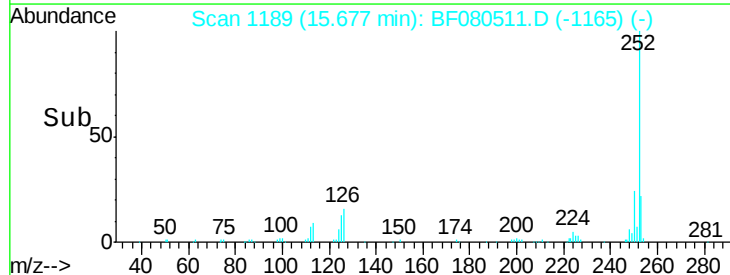
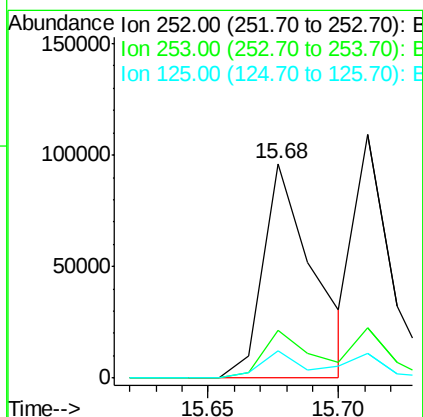
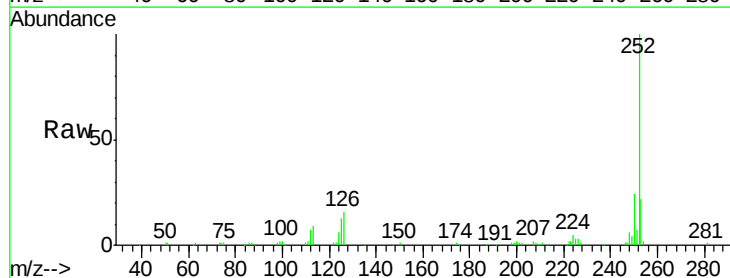
Instrument :
BNA_F
ClientSampleId :
ICVBF071615

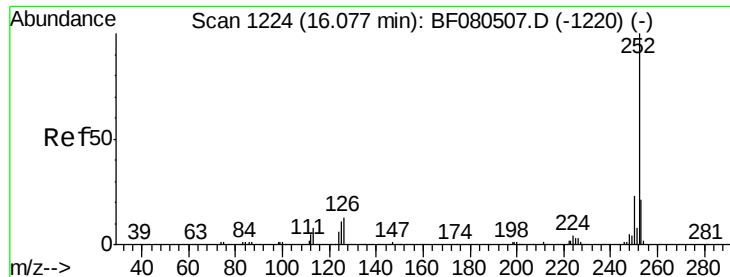
Tgt Ion:252 Resp: 129433
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 44.26 ng
RT: 15.68 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF080511.D
Acq: 16 Jul 2015 15:26

Tgt Ion:252 Resp: 129433
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 12.5 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 41.97 ng

RT: 16.08 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

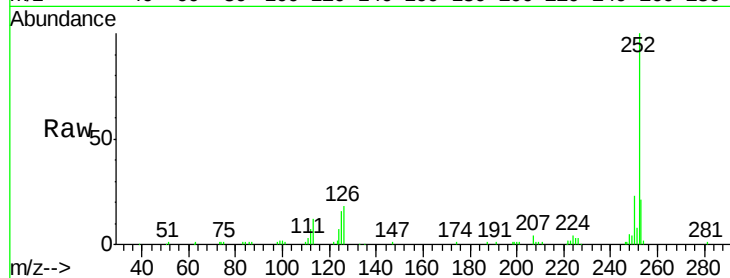
Tgt Ion:252 Resp: 112905

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

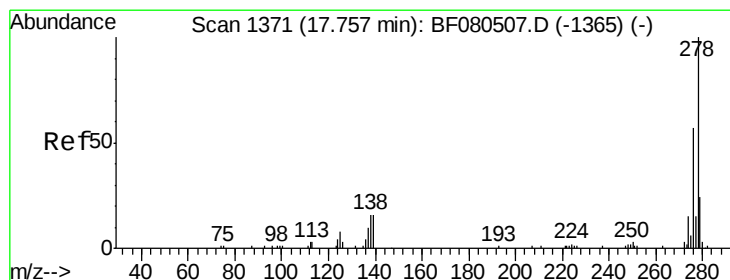
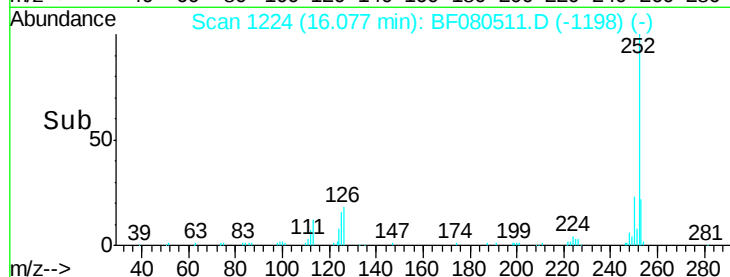
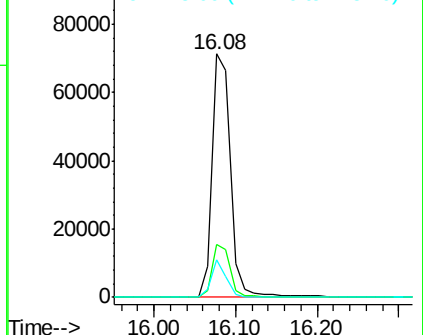
125 15.5 18.0 27.0#



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: 44.40 ng

RT: 17.76 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

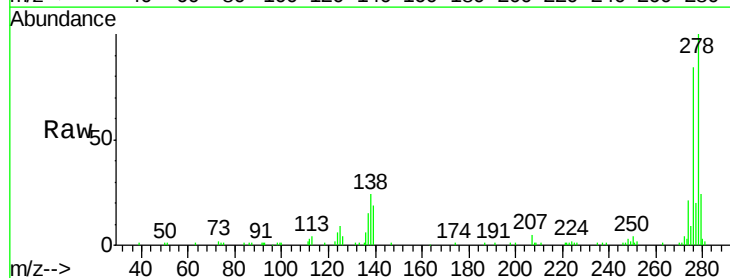
Tgt Ion:278 Resp: 131481

Ion Ratio Lower Upper

278 100

139 19.1 26.3 39.5#

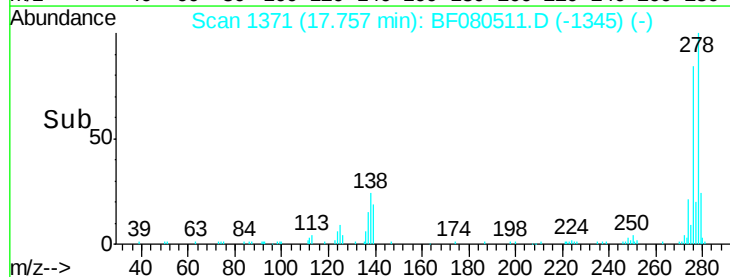
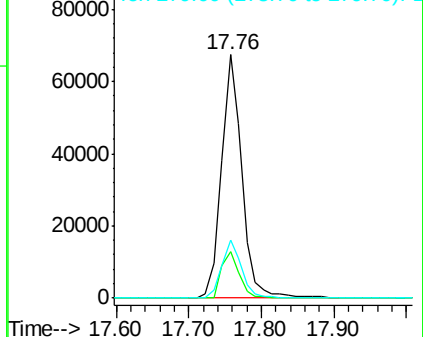
279 23.9 18.2 27.4

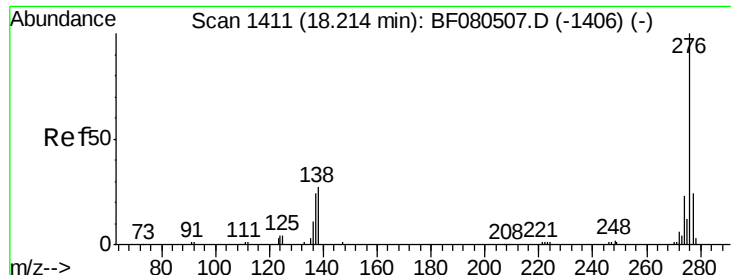


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.69 ng

RT: 18.23 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF080511.D

Acq: 16 Jul 2015 15:26

Instrument :

BNA_F

ClientSampleId :

ICVBF071615

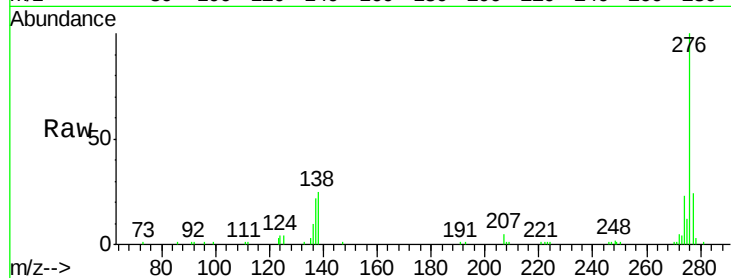
Tgt Ion: 276 Resp: 137446

Ion Ratio Lower Upper

276 100

277 24.2 17.8 26.6

138 24.6 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

