

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072715\
 Data File : BF080681.D
 Acq On : 27 Jul 2015 19:39
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Quant Time: Jul 28 05:57:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 05:06:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	29762	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	92313	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	36351	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	52924	20.00	ng	0.00
75) Chrysene-d12	14.25	240	31468	20.00	ng	0.00
86) Perylene-d12	15.89	264	15953	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	148846	79.65	ng	0.00
7) Phenol-d6	6.53	99	159240	79.20	ng	0.00
23) Nitrobenzene-d5	7.48	82	153219	85.28	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	24565	77.21	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	232674	80.65	ng	0.00
78) Terphenyl-d14	13.07	244	141422	76.99	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.50	88	35547	45.08	ng	97
3) Pyridine	3.28	79	83771	42.06	ng	97
4) n-Nitrosodimethylamine	3.17	42	51877	40.99	ng	89
6) Aniline	6.58	93	118847	41.73	ng	96
8) 2-Chlorophenol	6.70	128	73231	39.50	ng	99
9) Benzaldehyde	6.46	77	54793	40.26	ng	99
10) Phenol	6.54	94	92310	40.56	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	66654	40.67	ng	96
12) 1,3-Dichlorobenzene	6.86	146	91391	40.58	ng	99
13) 1,4-Dichlorobenzene	6.94	146	85622	38.83	ng	99
14) 1,2-Dichlorobenzene	7.09	146	83461	39.89	ng	99
15) Benzyl Alcohol	7.06	79	62675	38.11	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	120697	39.30	ng	99
17) 2-Methylphenol	7.16	107	49097	37.81	ng	99
18) Hexachloroethane	7.44	117	28543	38.79	ng	93
19) n-Nitroso-di-n-propylamine	7.32	70	44198	37.36	ng	97
20) 3+4-Methylphenols	7.32	107	72147	40.63	ng	98
22) Acetophenone	7.33	105	89423	37.61	ng	99
24) Nitrobenzene	7.50	77	70595	39.84	ng	97
25) Isophorone	7.74	82	108635	38.84	ng	99
26) 2-Nitrophenol	7.82	139	28212	39.47	ng	98
27) 2,4-Dimethylphenol	7.86	122	56000	40.62	ng	92
28) bis(2-Chloroethoxy)methane	7.95	93	66588	40.54	ng	99
29) 2,4-Dichlorophenol	8.05	162	44517	38.28	ng	94
30) 1,2,4-Trichlorobenzene	8.14	180	57914	39.13	ng	# 92
31) Naphthalene	8.24	128	175394	38.63	ng	99
32) Benzoic acid	7.90	122	23046	33.85	ng	97
33) 4-Chloroaniline	8.27	127	66266	40.54	ng	# 78
34) Hexachlorobutadiene	8.35	225	36683	39.71	ng	91
35) Caprolactam	8.60	113	9674	40.94	ng	90
36) 4-Chloro-3-methylphenol	8.75	107	44850	38.01	ng	94
37) 2-Methylnaphthalene	8.92	142	114770	39.59	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	49581	37.05	ng	98
40) Hexachlorocyclopentadiene	9.08	237	32719	38.31	ng	99

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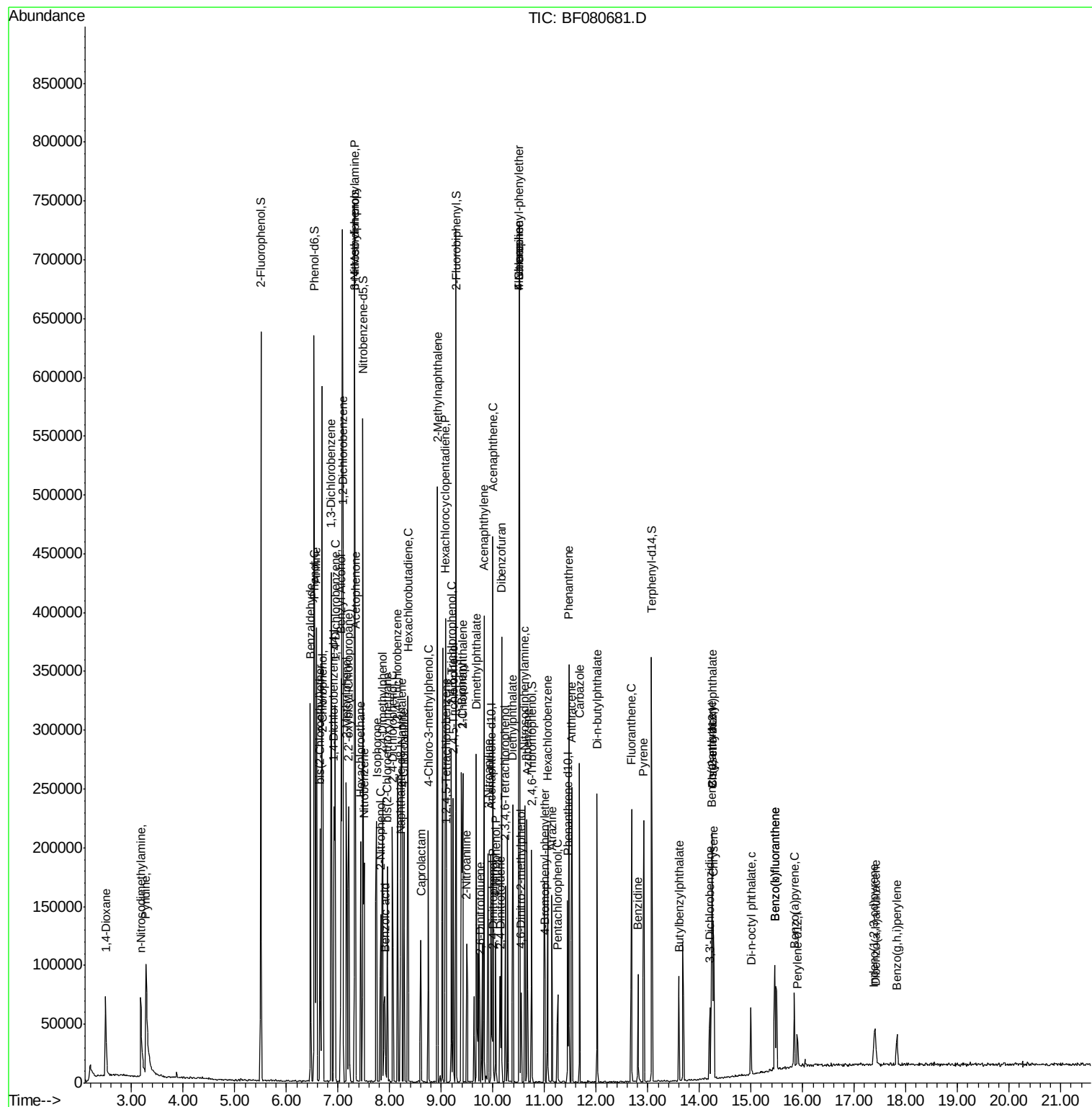
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	36206	41.00	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	31683	38.81	ng	95
45) 1,1'-Biphenyl	9.39	154	113999	37.34	ng	99
46) 2-Chloronaphthalene	9.41	162	97831	38.30	ng	98
47) 2-Nitroaniline	9.49	65	24232	40.32	ng	97
48) Acenaphthylene	9.82	152	155315	38.64	ng	99
49) Dimethylphthalate	9.68	163	97691	41.34	ng	99
50) 2,6-Dinitrotoluene	9.74	165	17650	37.73	ng	98
51) Acenaphthene	10.00	154	88419	37.40	ng	99
52) 3-Nitroaniline	9.90	138	22046	41.49	ng	98
53) 2,4-Dinitrophenol	10.01	184	4735	39.56	ng	# 47
54) Dibenzofuran	10.17	168	129667	39.96	ng	99
55) 4-Nitrophenol	10.05	139	15021	42.22	ng	97
56) 2,4-Dinitrotoluene	10.14	165	20336	38.13	ng	93
57) Fluorene	10.51	166	98931	40.13	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	20245	37.09	ng	94
59) Diethylphthalate	10.38	149	91432	40.73	ng	100
60) 4-Chlorophenyl-phenylether	10.51	204	40726	37.52	ng	97
61) 4-Nitroaniline	10.51	138	18721	41.32	ng	97
62) Azobenzene	10.66	77	85491	38.93	ng	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	8155	41.19	ng	90
65) n-Nitrosodiphenylamine	10.61	169	74662	41.31	ng	94
66) 4-Bromophenyl-phenylether	11.00	248	23123	40.91	ng	96
67) Hexachlorobenzene	11.06	284	26346	39.62	ng	93
68) Atrazine	11.14	200	17085	48.74	ng	98
69) Pentachlorophenol	11.25	266	10960	41.87	ng	99
70) Phenanthrene	11.47	178	125371	41.50	ng	99
71) Anthracene	11.53	178	119179	40.58	ng	98
72) Carbazole	11.68	167	97473	39.73	ng	98
73) Di-n-butylphthalate	12.02	149	114669	45.87	ng	99
74) Fluoranthene	12.68	202	101175	42.70	ng	97
76) Benzidine	12.81	184	35134	40.52	ng	99
77) Pyrene	12.92	202	101793	38.64	ng	99
79) Butylbenzylphthalate	13.61	149	29461	38.59	ng	# 76
80) Benzo(a)anthracene	14.24	228	71249	39.09	ng	99
81) 3,3'-Dichlorobenzidine	14.20	252	19101	40.05	ng	# 94
82) Chrysene	14.27	228	71241	39.18	ng	94
83) Bis(2-ethylhexyl)phthalate	14.25	149	36351	38.86	ng	# 96
84) Di-n-octyl phthalate	15.00	149	41483	36.92	ng	# 97
85) Indeno(1,2,3-cd)pyrene	17.38	276	29935	39.04	ng	98
87) Benzo(b)fluoranthene	15.46	252	42935	36.96	ng	97
88) Benzo(k)fluoranthene	15.46	252	42935	40.31	ng	97
89) Benzo(a)pyrene	15.84	252	35926	40.47	ng	# 93
90) Dibenzo(a,h)anthracene	17.41	278	24262	39.75	ng	97
91) Benzo(g,h,i)perylene	17.83	276	23151	39.13	ng	98

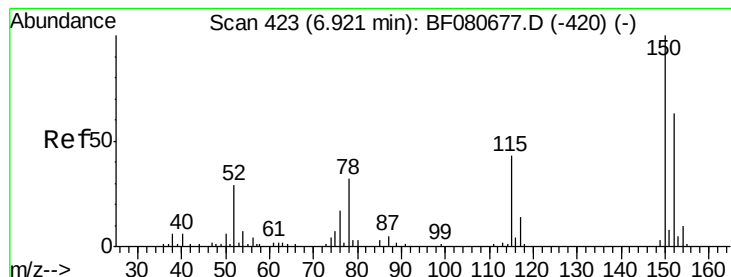
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

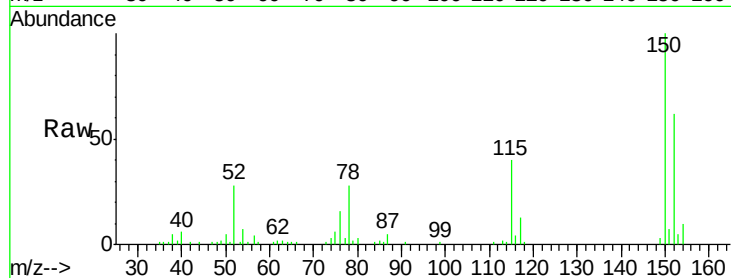
Tgt Ion:152 Resp: 29762

Ion Ratio Lower Upper

152 100

150 162.5 127.7 191.5

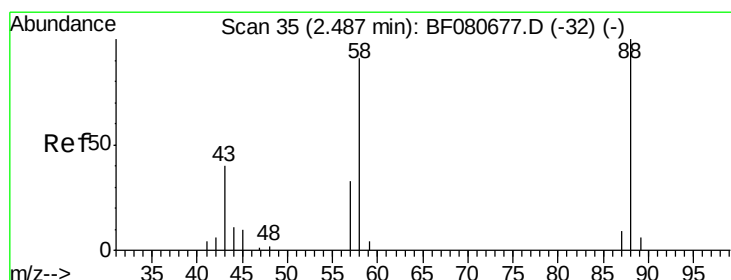
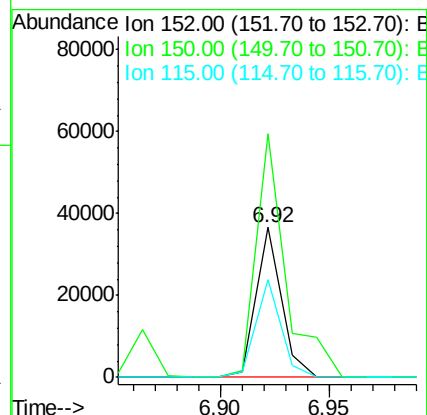
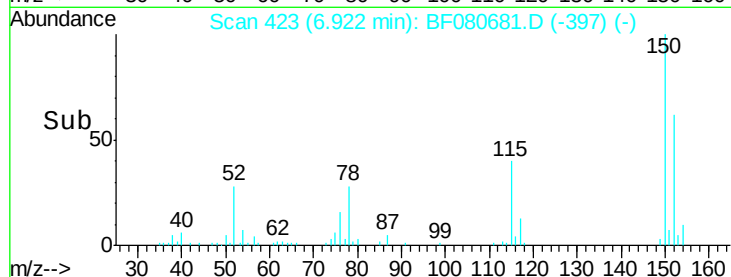
115 65.0 54.2 81.4



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: 45.08 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

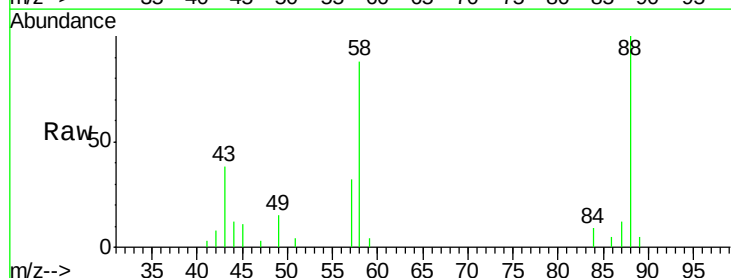
Tgt Ion: 88 Resp: 35547

Ion Ratio Lower Upper

88 100

58 86.2 71.6 107.4

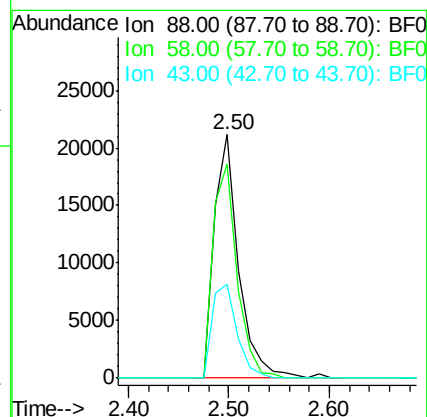
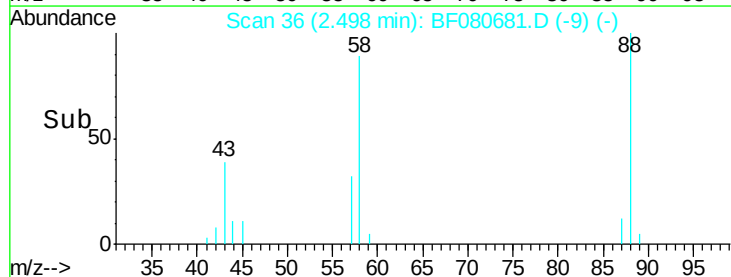
43 39.1 31.4 47.0

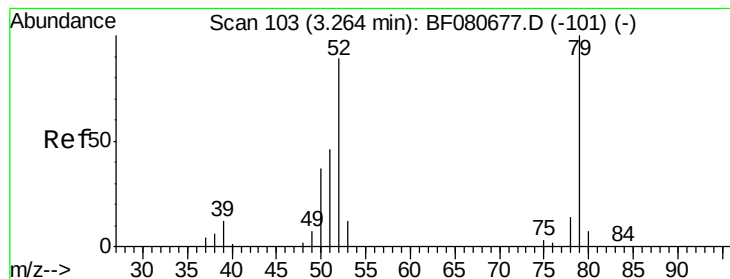


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.06 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

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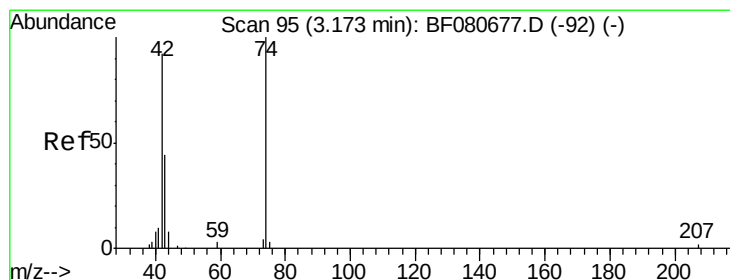
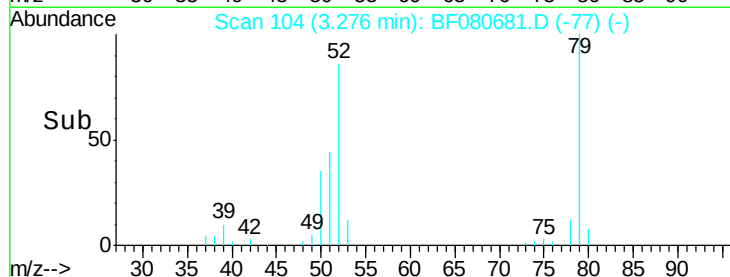
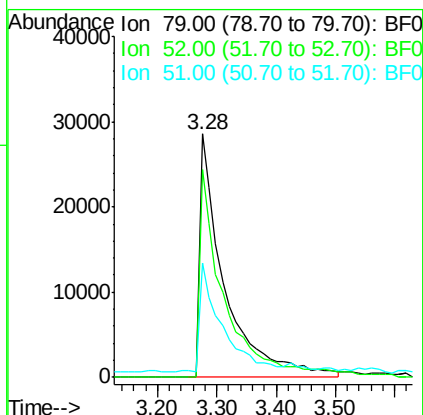
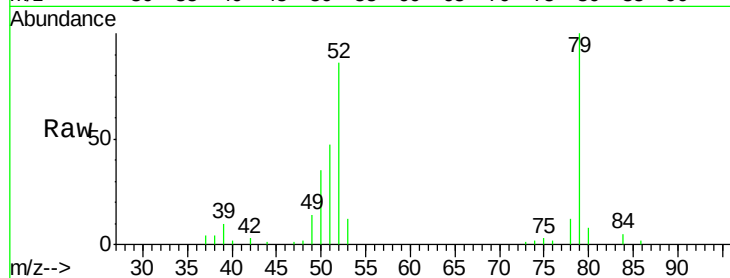
Tgt Ion: 79 Resp: 83771

Ion Ratio Lower Upper

79 100

52 85.5 71.1 106.7

51 46.8 39.0 58.4



#4

n-Nitrosodimethylamine

Concen: 40.99 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

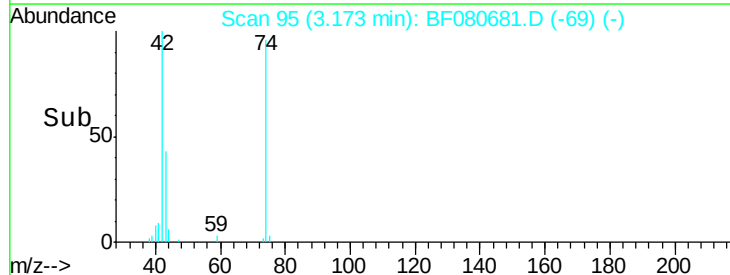
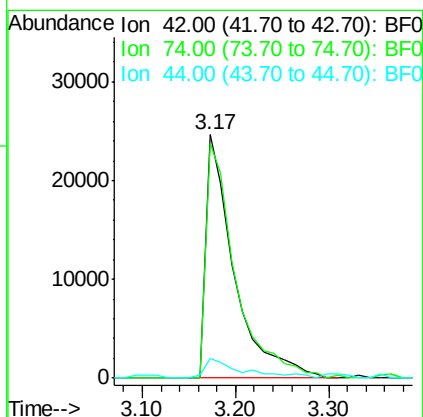
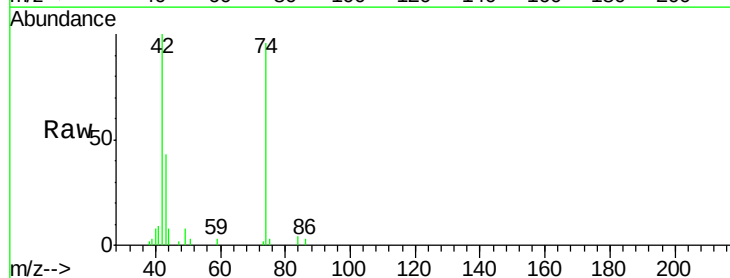
Tgt Ion: 42 Resp: 51877

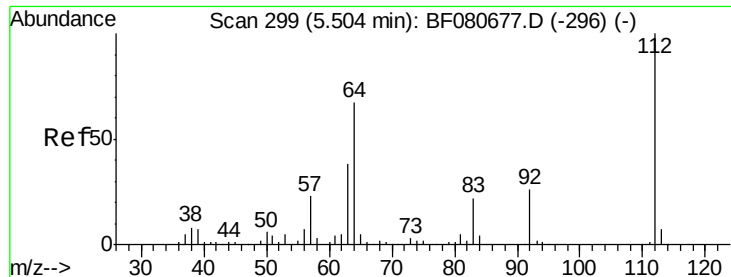
Ion Ratio Lower Upper

42 100

74 96.4 87.0 130.6

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 79.65 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF080681.D

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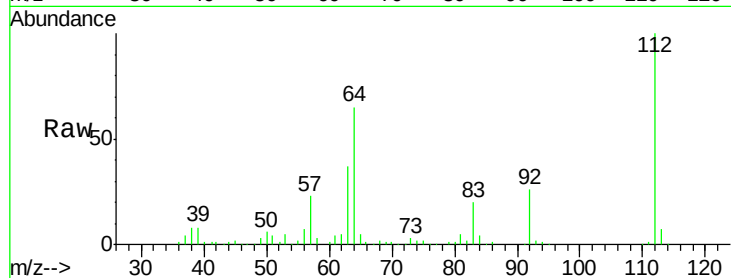
Tgt Ion: 112 Resp: 148846

Ion Ratio Lower Upper

112 100

64 65.2 53.2 79.8

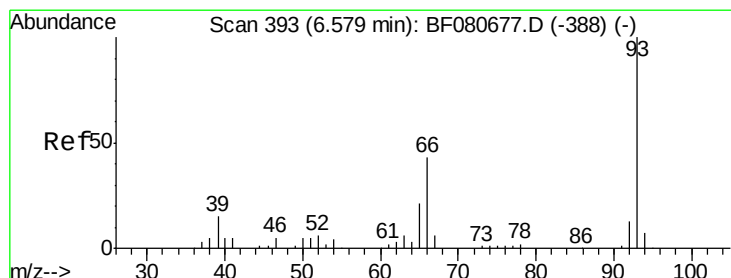
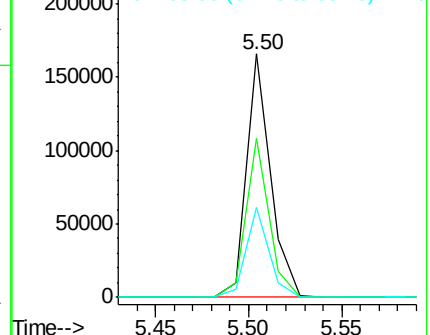
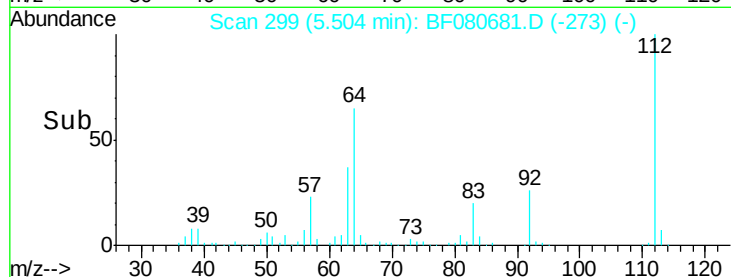
63 37.0 30.4 45.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.73 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

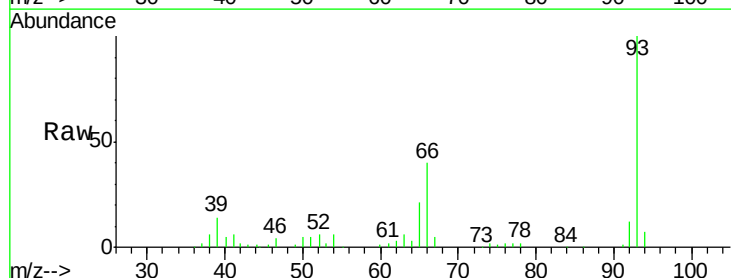
Tgt Ion: 93 Resp: 118847

Ion Ratio Lower Upper

93 100

66 39.8 34.6 52.0

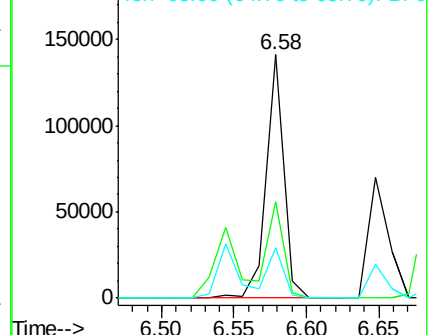
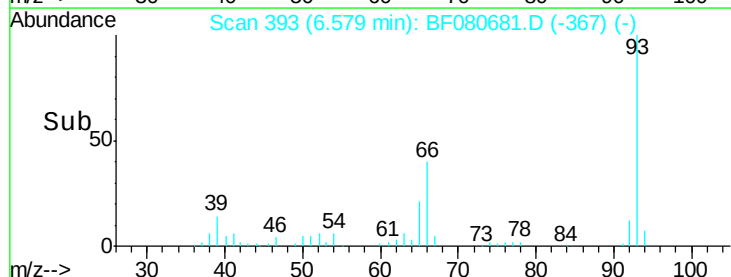
65 20.9 16.5 24.7

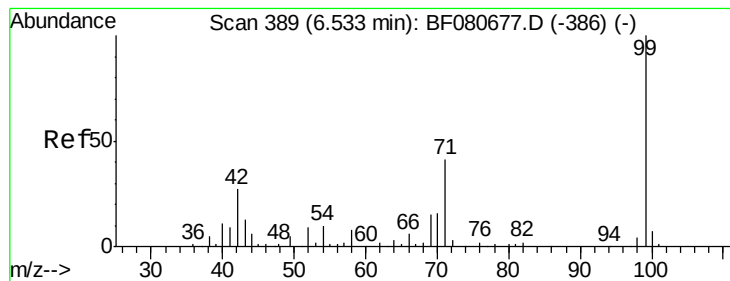


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.20 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

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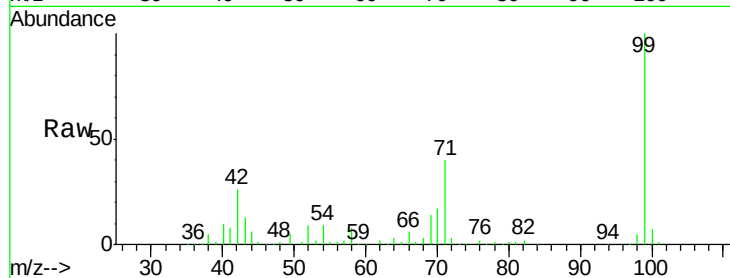
Tgt Ion: 99 Resp: 159240

Ion Ratio Lower Upper

99 100

42 25.5 21.8 32.8

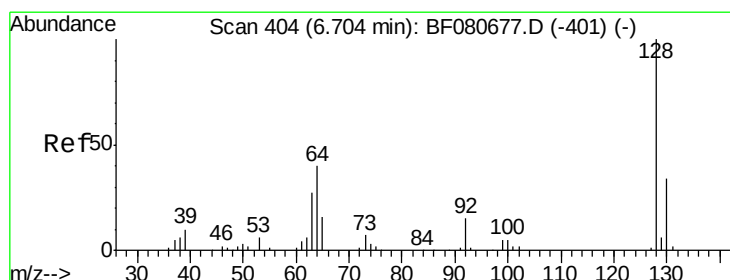
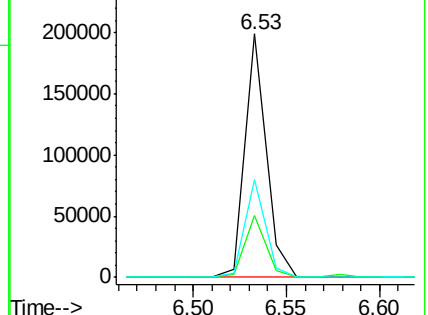
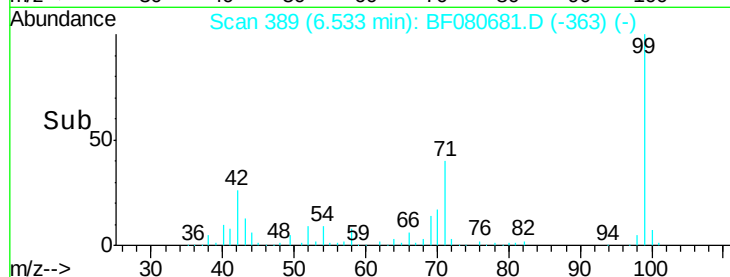
71 40.3 32.9 49.3



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: 39.50 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

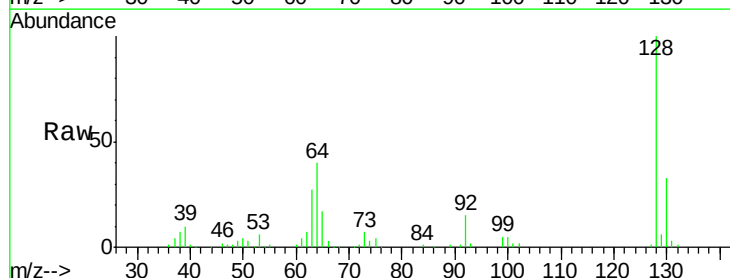
Tgt Ion: 128 Resp: 73231

Ion Ratio Lower Upper

128 100

130 33.2 14.0 54.0

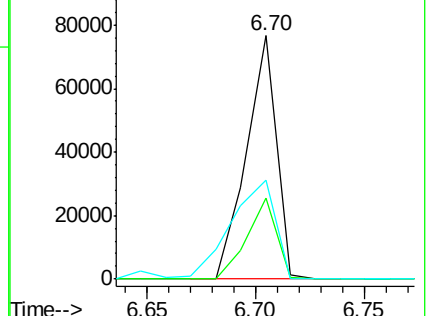
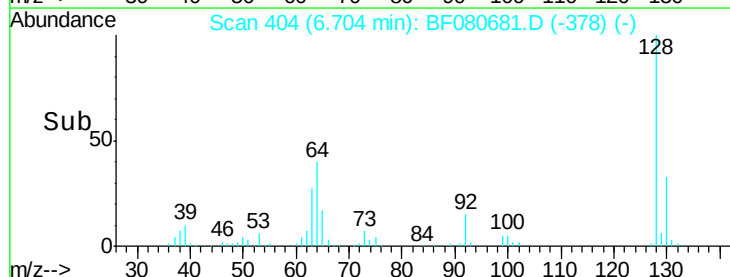
64 40.4 20.6 60.6

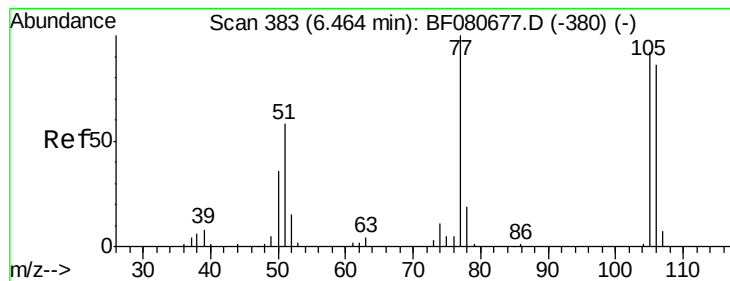


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 40.26 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

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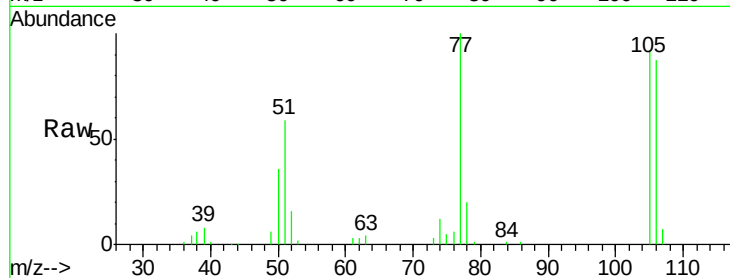
Tgt Ion: 77 Resp: 54793

Ion Ratio Lower Upper

77 100

105 92.3 72.1 112.1

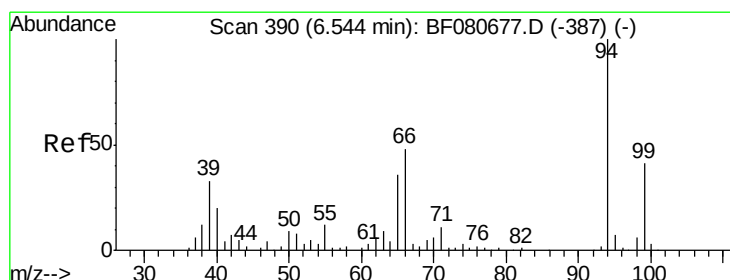
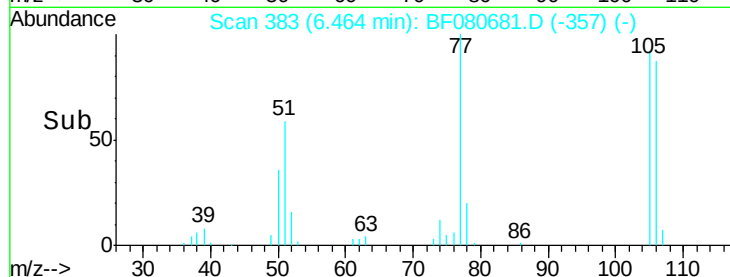
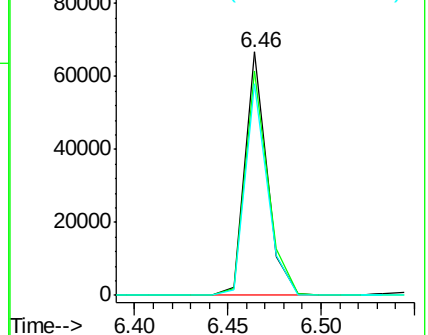
106 86.7 65.5 105.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.56 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF080681.D

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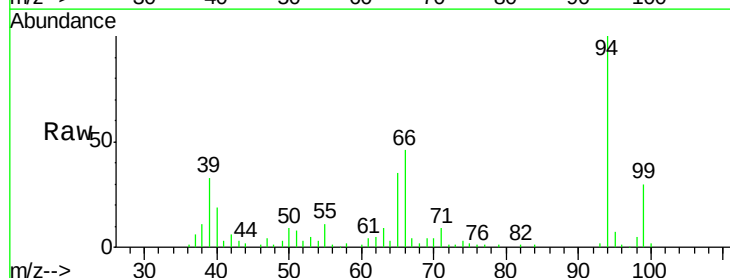
Tgt Ion: 94 Resp: 92310

Ion Ratio Lower Upper

94 100

65 35.2 16.0 56.0

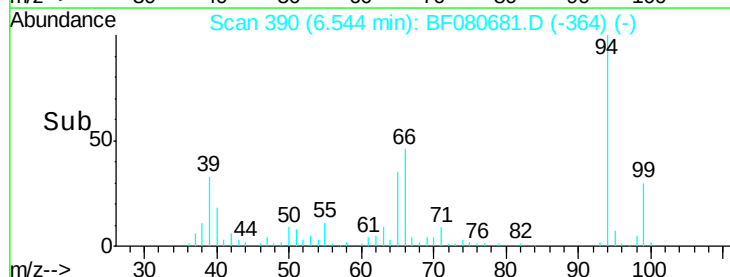
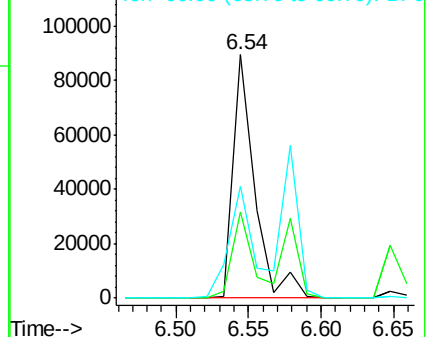
66 45.8 28.1 68.1

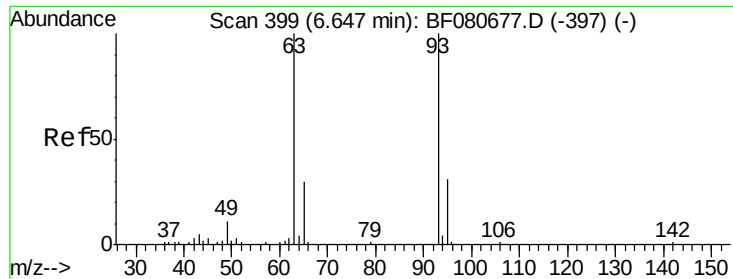


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.67 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

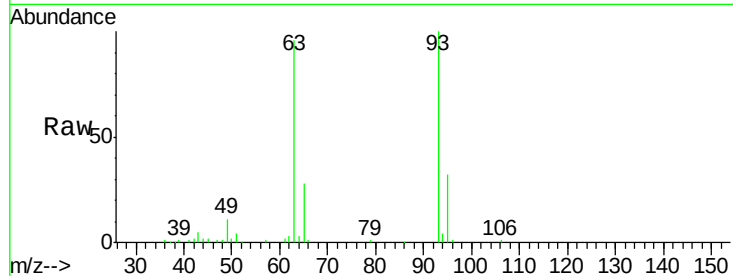
Tgt Ion: 93 Resp: 66654

Ion Ratio Lower Upper

93 100

63 95.7 79.7 119.7

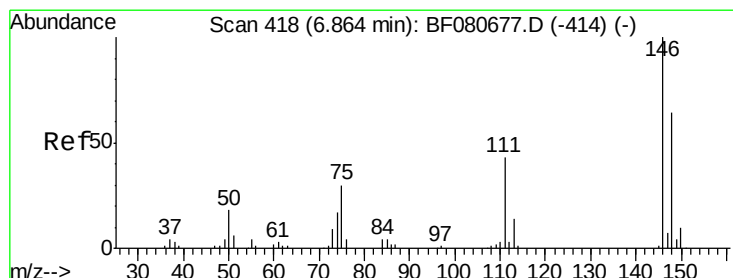
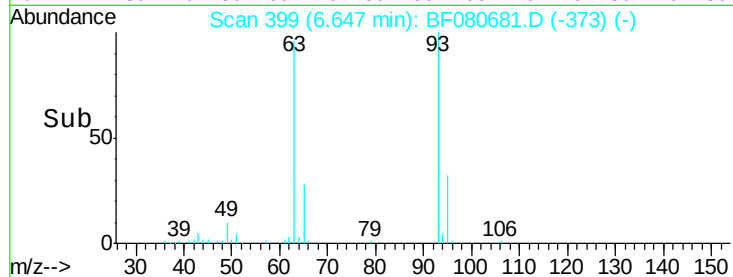
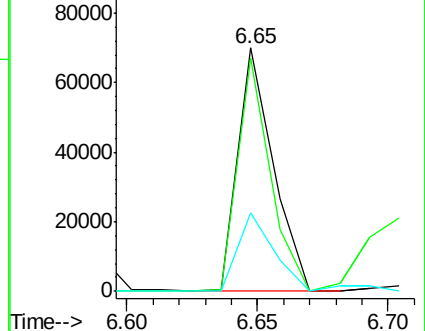
95 32.2 11.0 51.0



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: 40.58 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

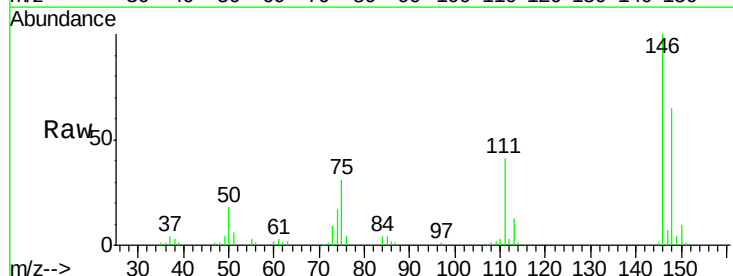
Tgt Ion: 146 Resp: 91391

Ion Ratio Lower Upper

146 100

148 64.7 51.2 76.8

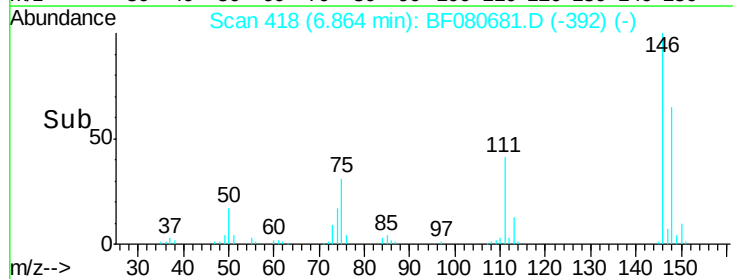
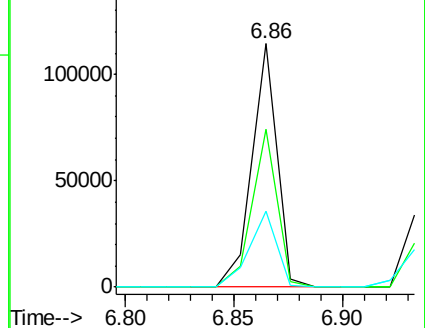
75 31.2 23.9 35.9

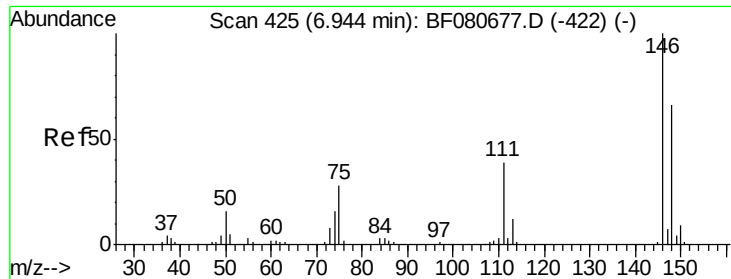


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

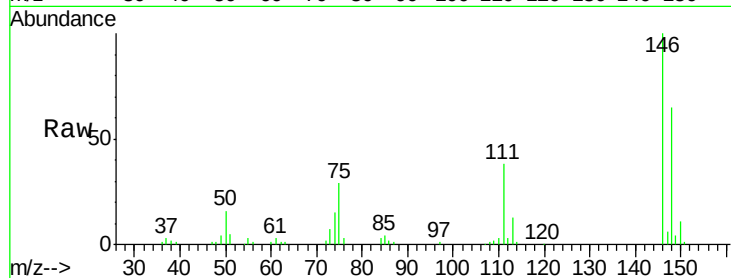




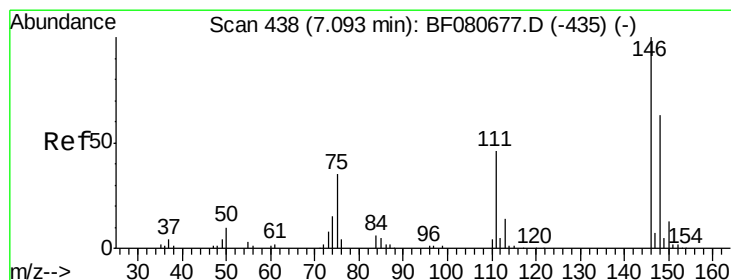
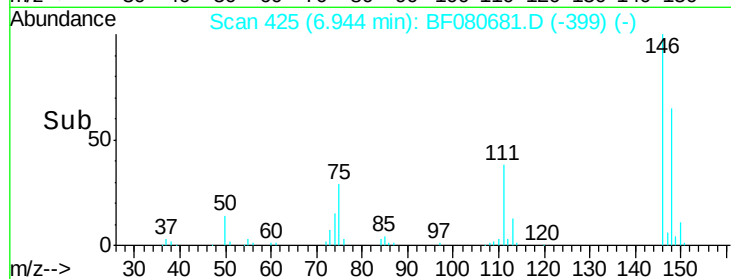
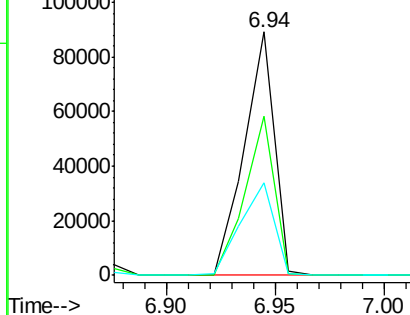
#13
 1,4-Dichlorobenzene
 Concen: 38.83 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:146 Resp: 85622
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 38.0 31.1 46.7

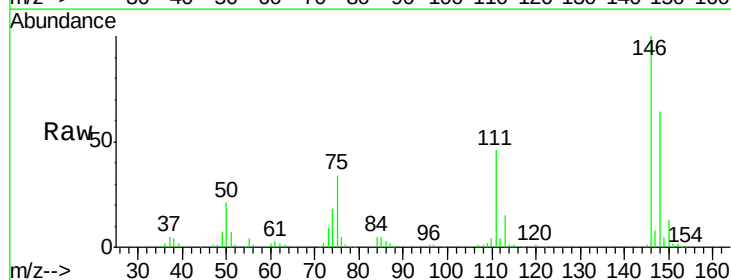


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

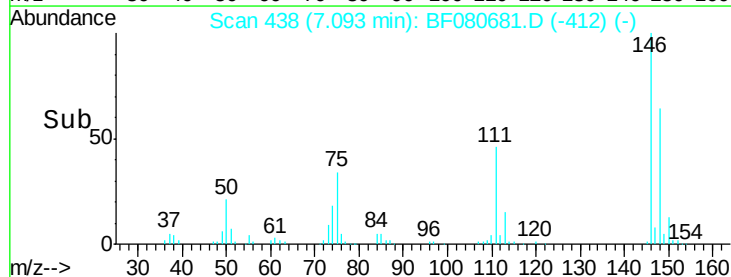
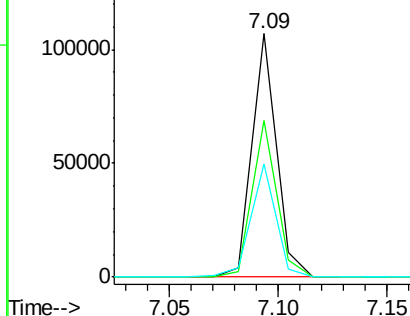


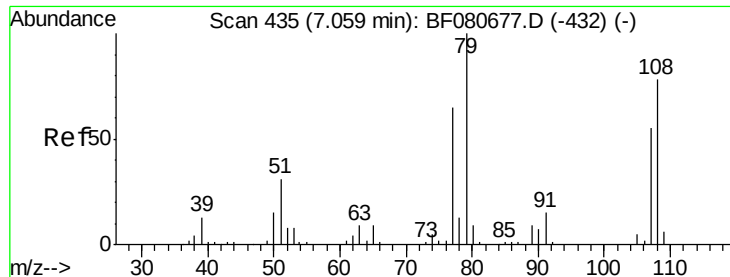
#14
 1,2-Dichlorobenzene
 Concen: 39.89 ng
 RT: 7.09 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:146 Resp: 83461
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 76.0
 111 46.2 37.2 55.8



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: 38.11 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

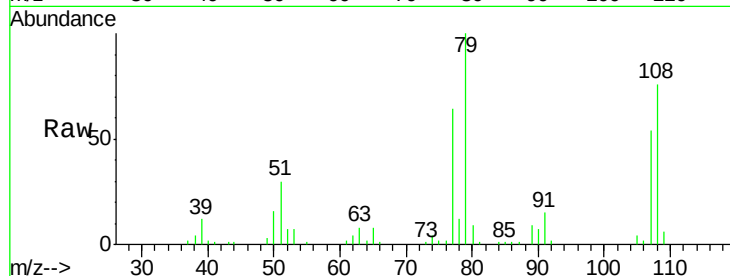
Tgt Ion: 79 Resp: 62675

Ion Ratio Lower Upper

79 100

108 76.4 62.7 94.1

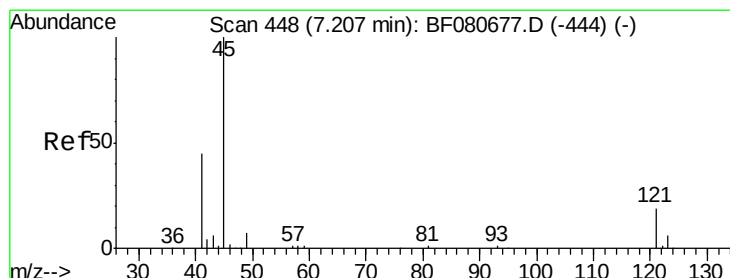
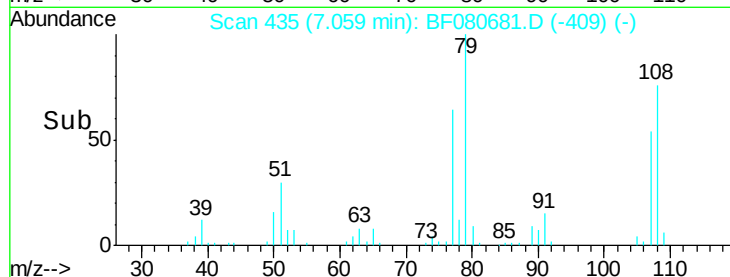
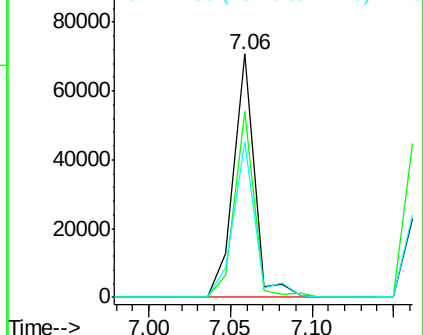
77 63.8 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.30 ng

RT: 7.21 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

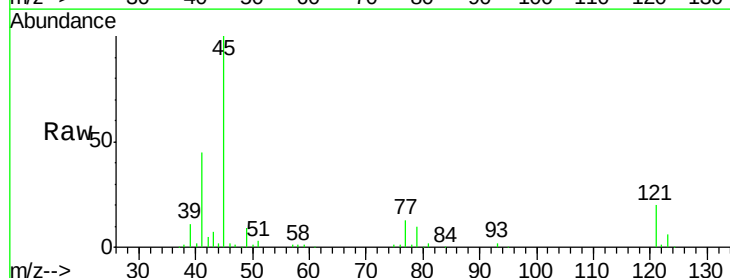
Tgt Ion: 45 Resp: 120697

Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.4

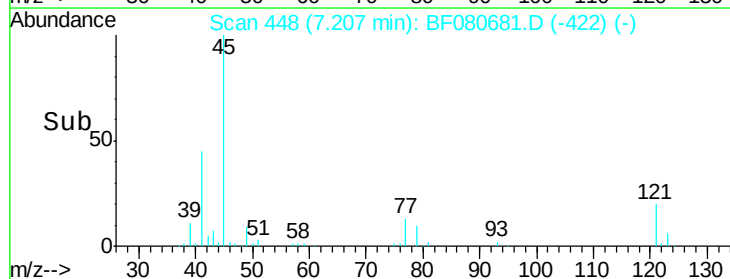
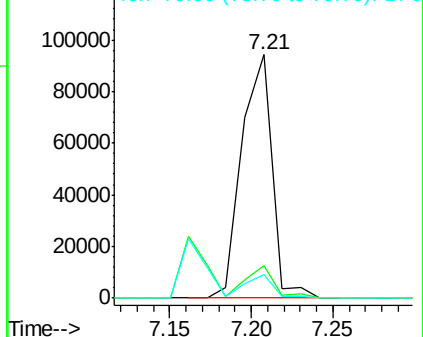
79 9.5 0.0 28.8

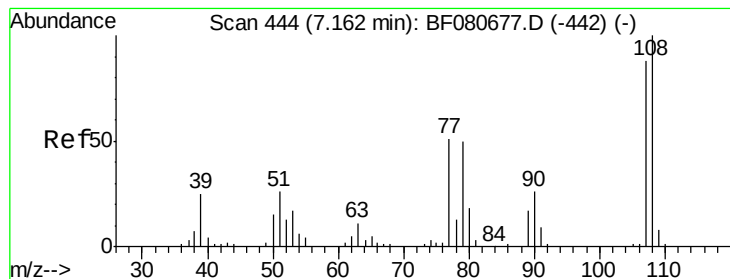


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.81 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tgt Ion:107 Resp: 49097

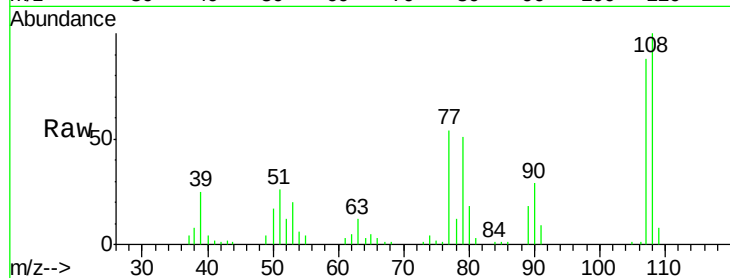
Ion Ratio Lower Upper

107 100

108 113.2 91.3 136.9

77 60.6 47.0 70.4

79 58.1 45.6 68.4

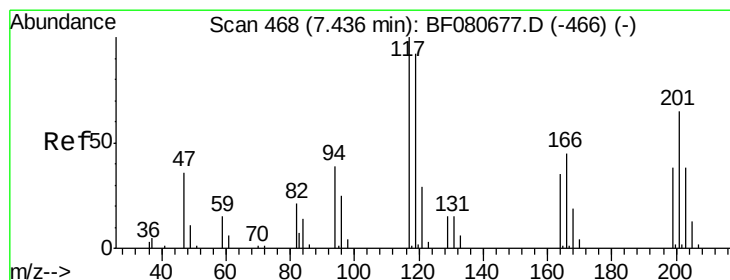
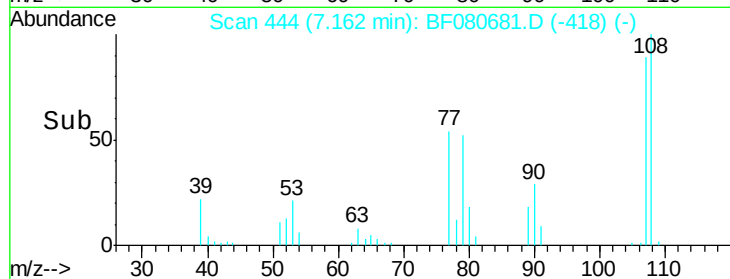
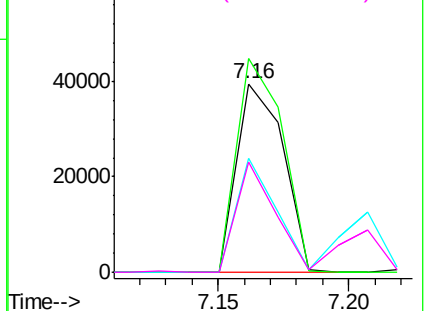


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.79 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

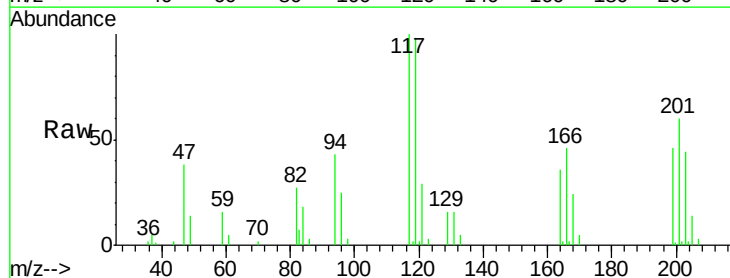
Tgt Ion:117 Resp: 28543

Ion Ratio Lower Upper

117 100

119 97.9 73.6 110.4

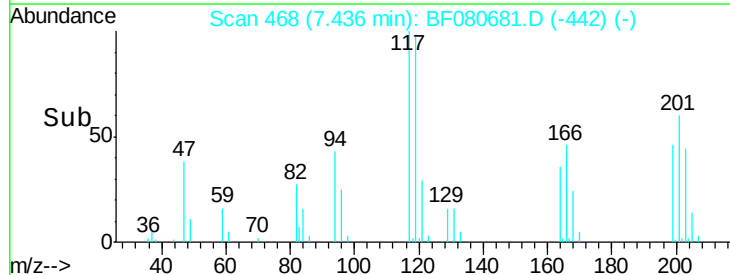
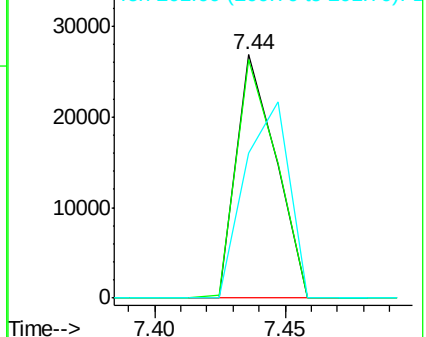
201 59.6 52.2 78.2

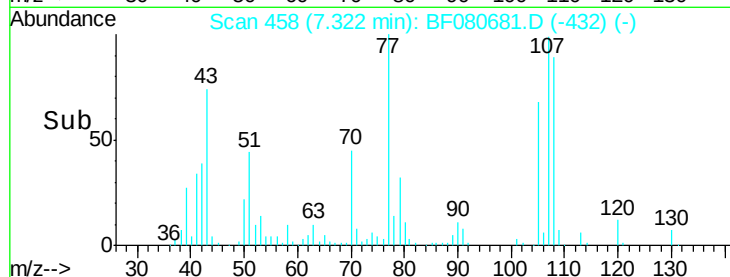
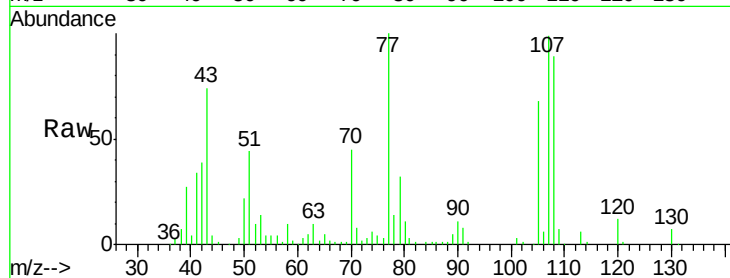
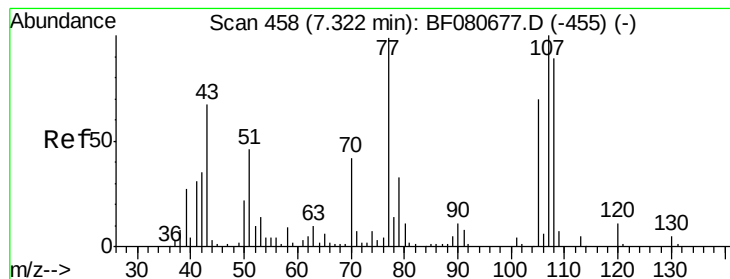


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.36 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tgt Ion: 70 Resp: 44198

Ion Ratio Lower Upper

70 100

42 86.1 67.4 101.2

101 7.7 7.3 10.9

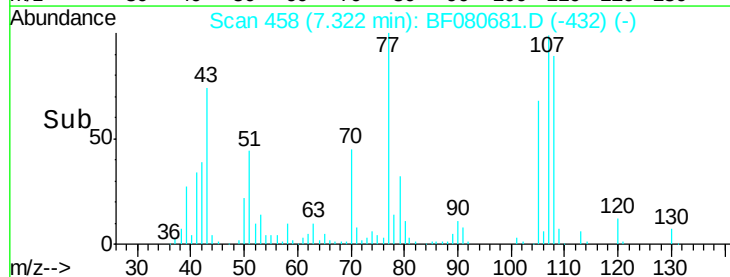
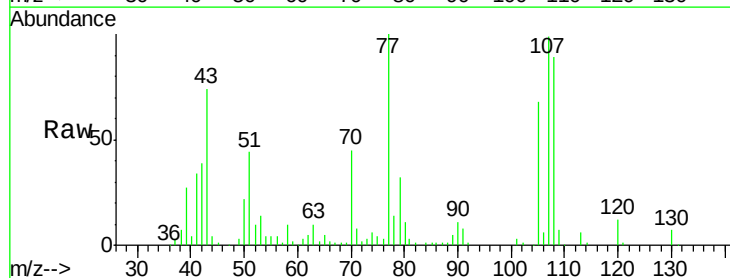
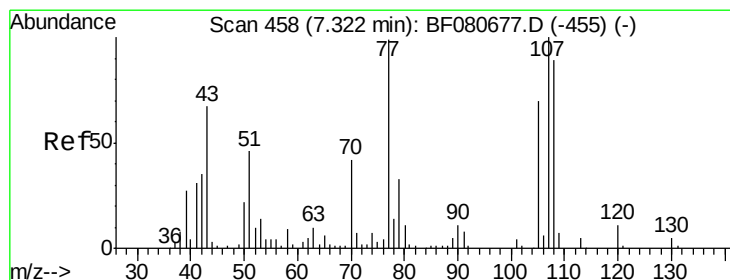
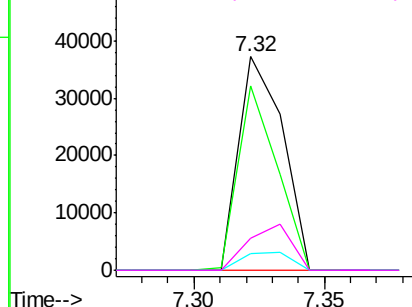
130 15.0 10.5 15.7

Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.63 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion: 107 Resp: 72147

Ion Ratio Lower Upper

107 100

108 89.7 68.7 108.7

77 100.9 78.9 118.9

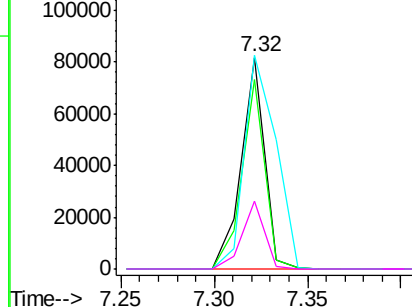
79 32.2 13.1 53.1

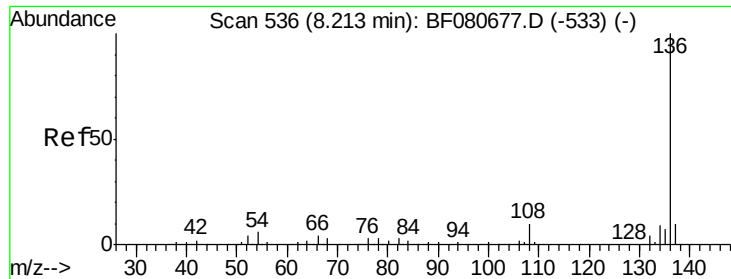
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tgt Ion:136 Resp: 92313

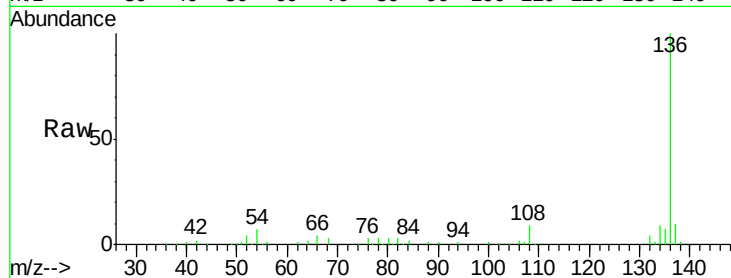
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 6.6 5.0 7.4

68 3.5 2.7 4.1

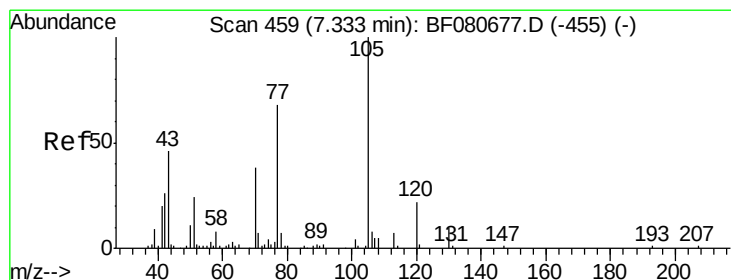
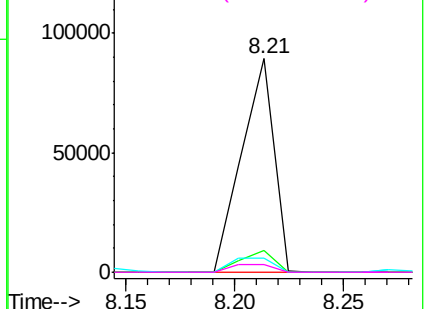
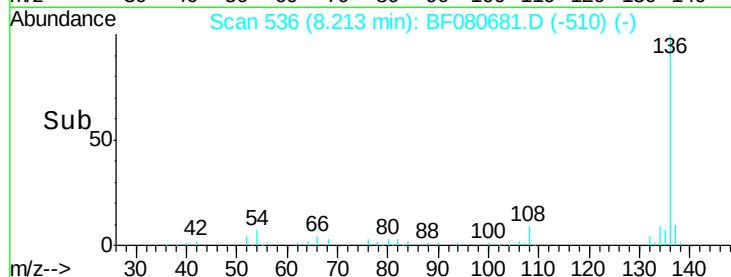


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.61 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:105 Resp: 89423

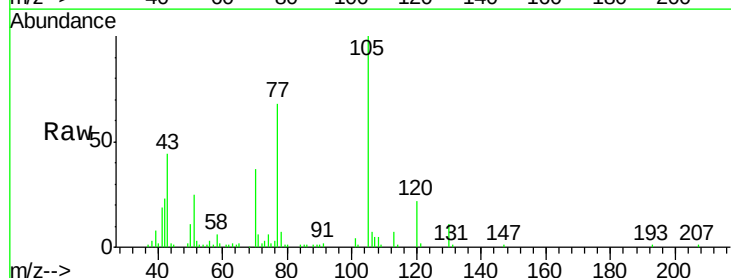
Ion Ratio Lower Upper

105 100

71 5.7 5.4 8.2

51 25.1 19.6 29.4

120 21.7 17.4 26.2

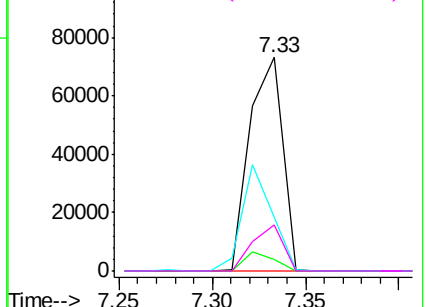
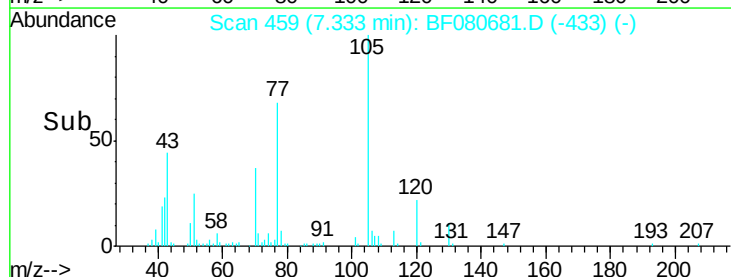


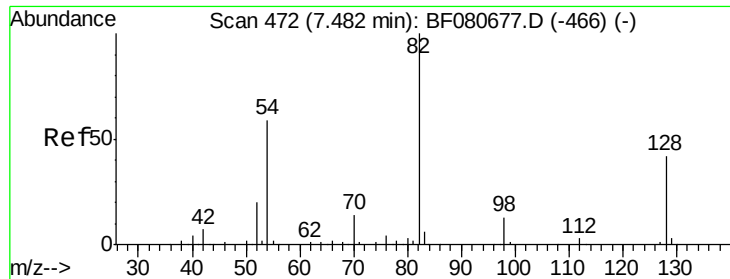
Abundance Ion 105.00 (104.70 to 105.70): E

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

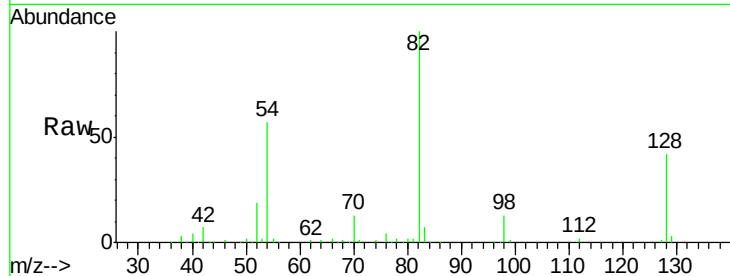




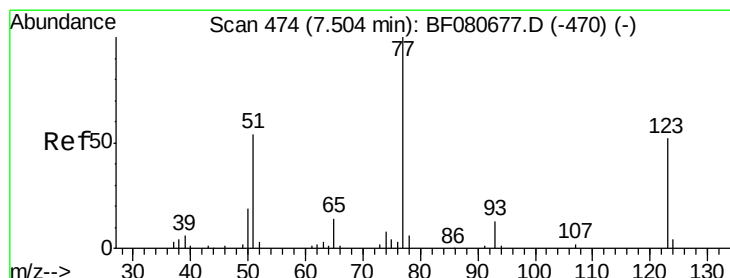
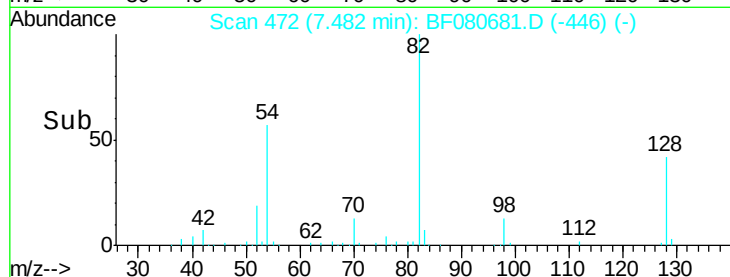
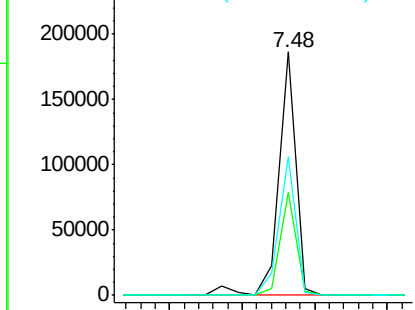
#23
 Nitrobenzene-d5
 Concen: 85.28 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion: 82 Resp: 153219
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.7 50.5
 54 57.0 47.3 70.9

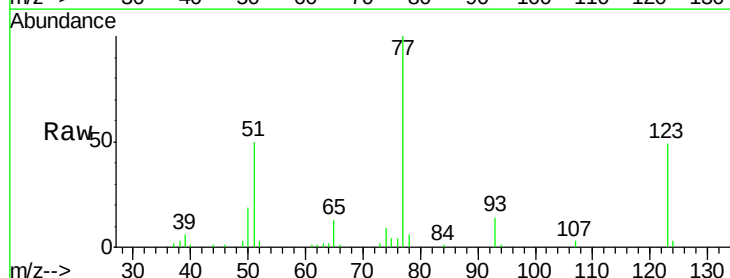


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

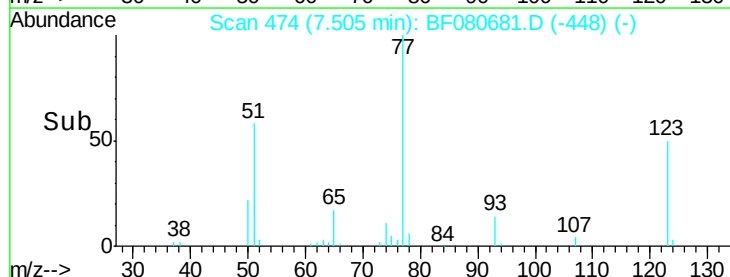
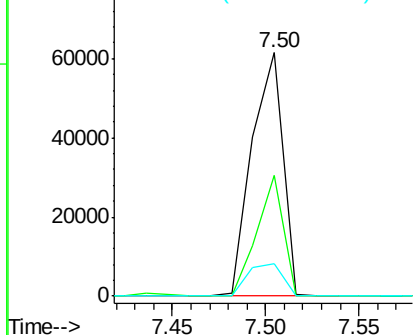


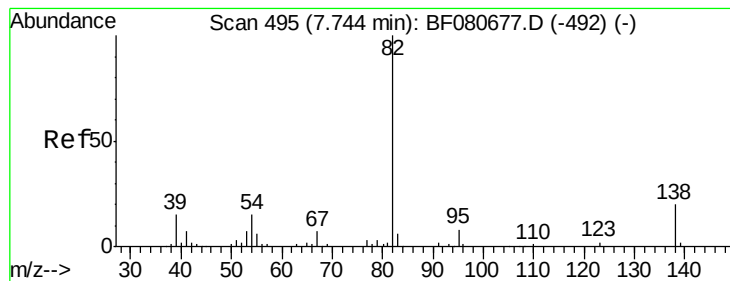
#24
 Nitrobenzene
 Concen: 39.84 ng
 RT: 7.50 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion: 77 Resp: 70595
 Ion Ratio Lower Upper
 77 100
 123 49.4 41.8 62.8
 65 13.4 10.8 16.2



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





#25

Isophorone

Concen: 38.84 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

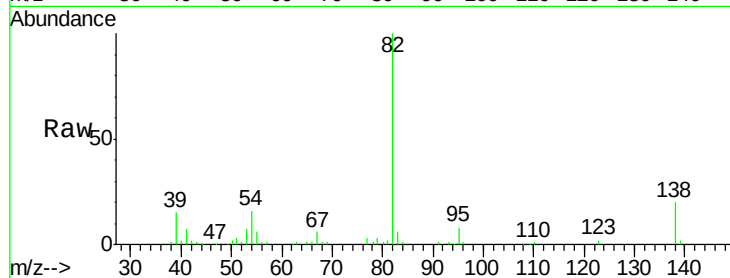
Tgt Ion: 82 Resp: 108635

Ion Ratio Lower Upper

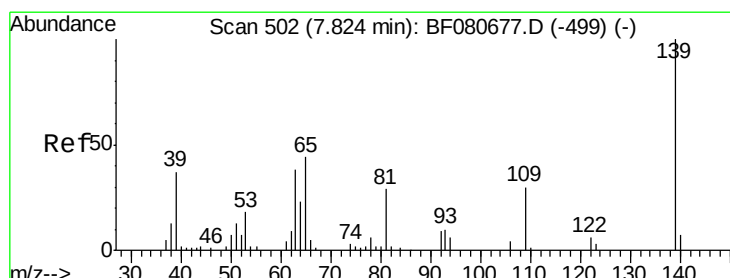
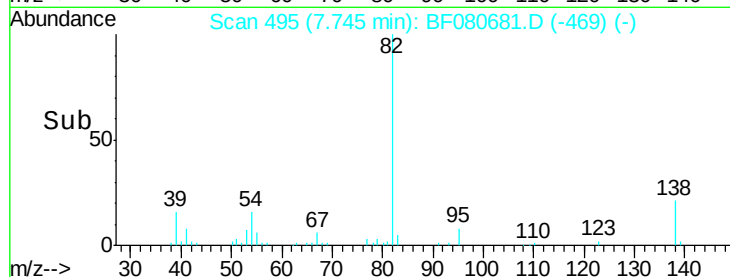
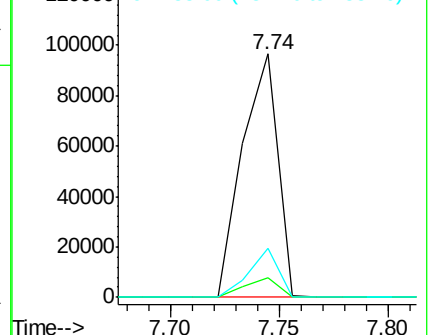
82 100

95 7.9 6.2 9.2

138 20.4 15.8 23.6



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: 39.47 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

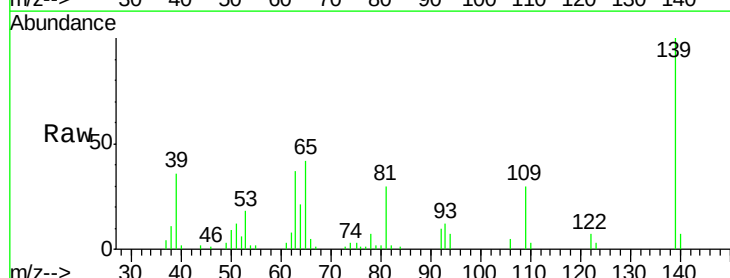
Tgt Ion: 139 Resp: 28212

Ion Ratio Lower Upper

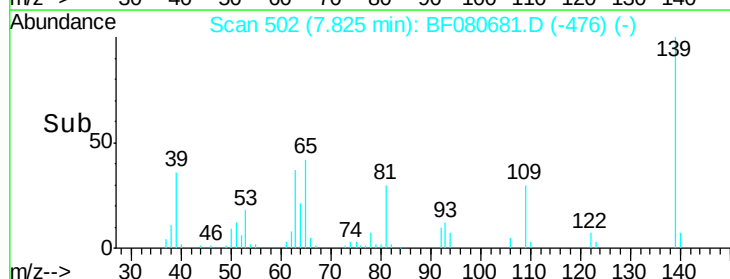
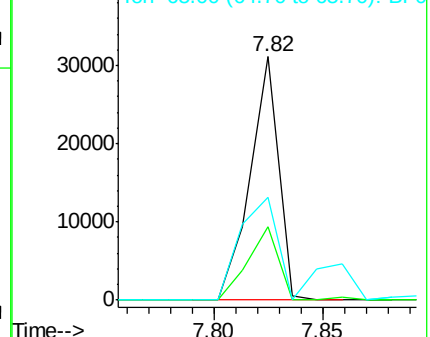
139 100

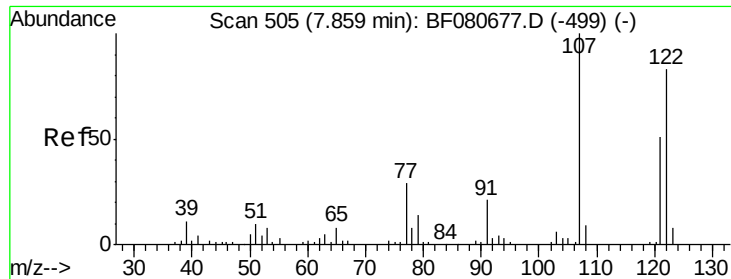
109 30.0 24.2 36.2

65 42.1 35.0 52.6



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

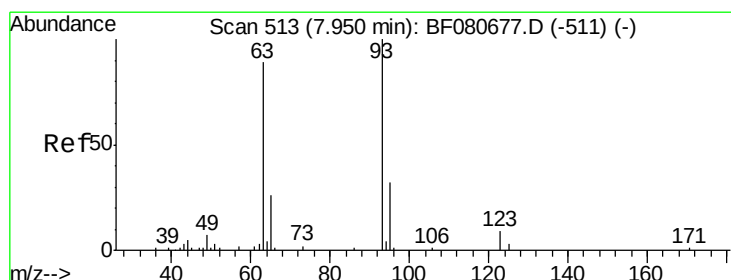
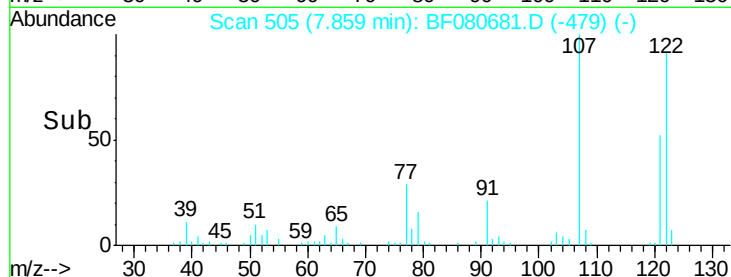
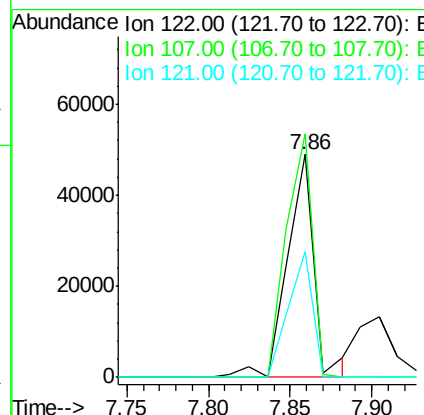
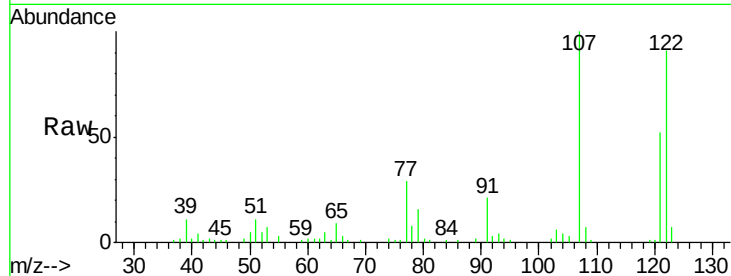




#27
 2,4-Dimethylphenol
 Concen: 40.62 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

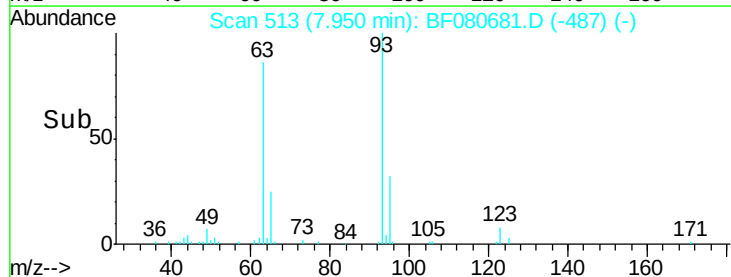
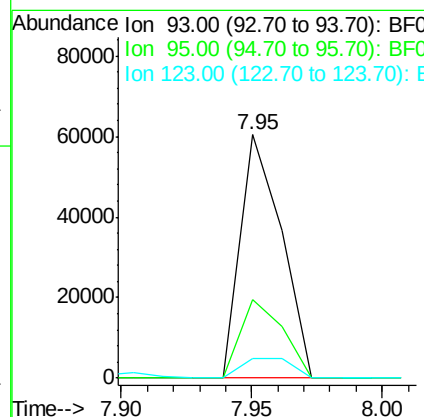
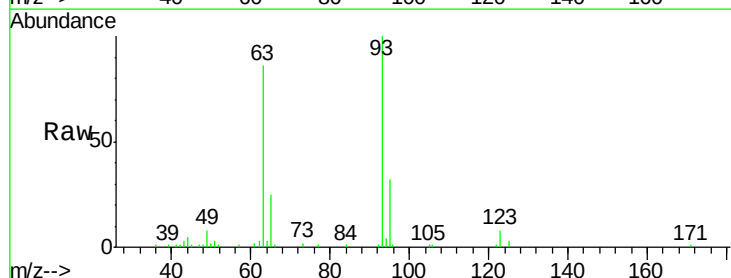
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

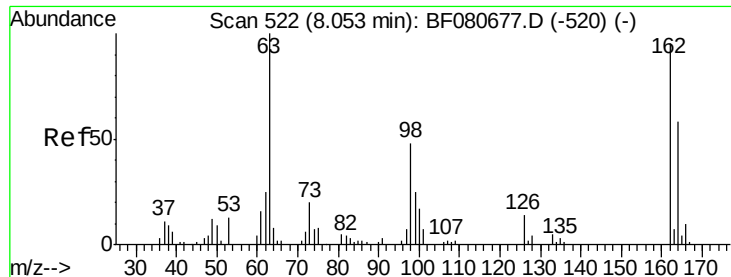
Tgt Ion: 122 Resp: 56000
 Ion Ratio Lower Upper
 122 100
 107 109.4 95.8 143.8
 121 56.6 49.0 73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.54 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion: 93 Resp: 66588
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.3 37.9
 123 8.2 7.0 10.4

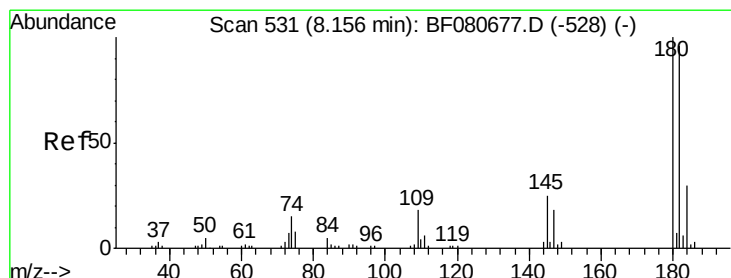
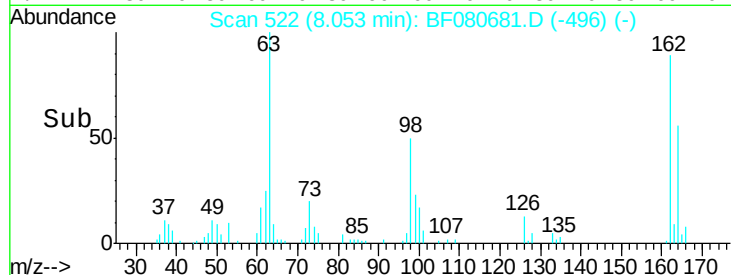
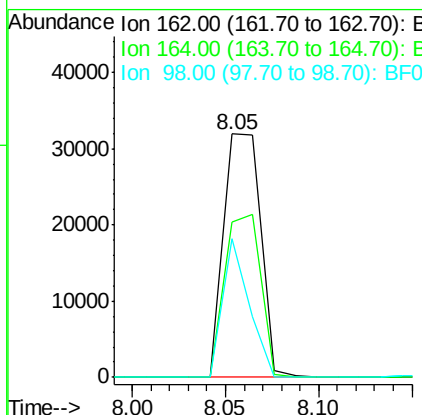
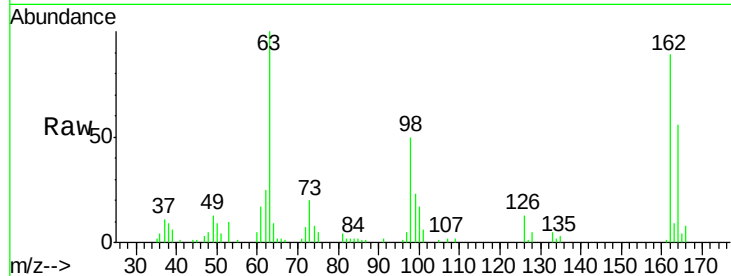




#29
 2,4-Dichlorophenol
 Concen: 38.28 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

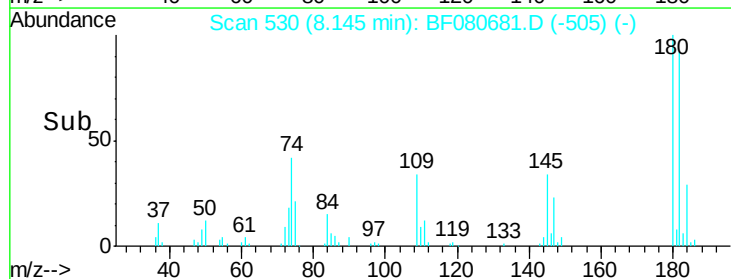
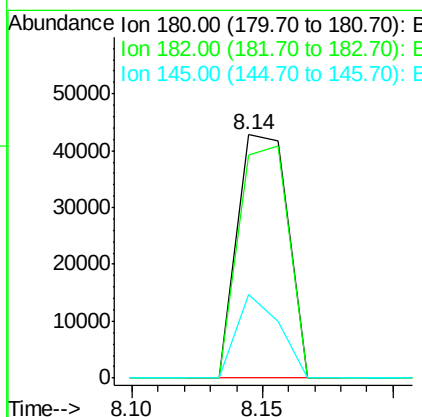
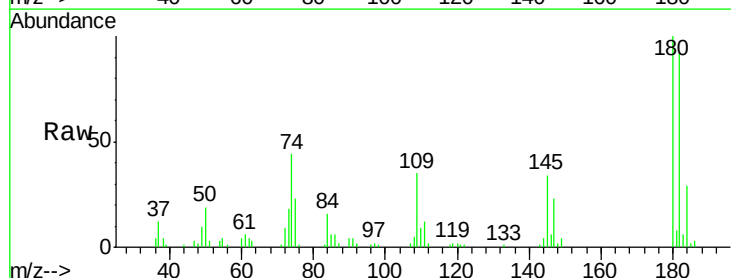
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

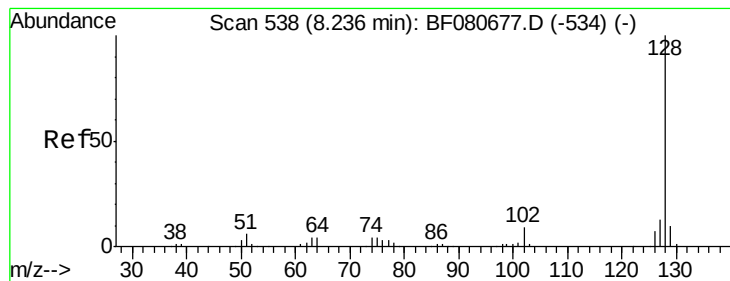
Tgt Ion:162 Resp: 44517
 Ion Ratio Lower Upper
 162 100
 164 63.6 41.2 81.2
 98 56.7 30.4 70.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.13 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:180 Resp: 57914
 Ion Ratio Lower Upper
 180 100
 182 91.5 77.1 115.7
 145 34.4 20.0 30.0#

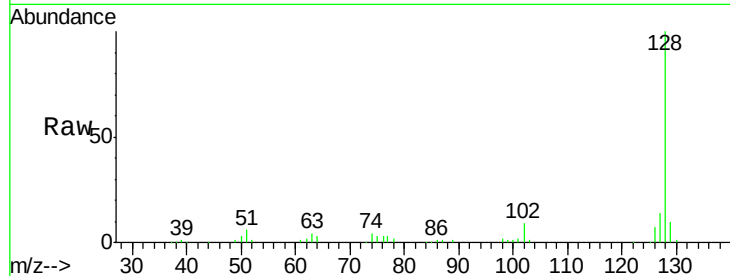




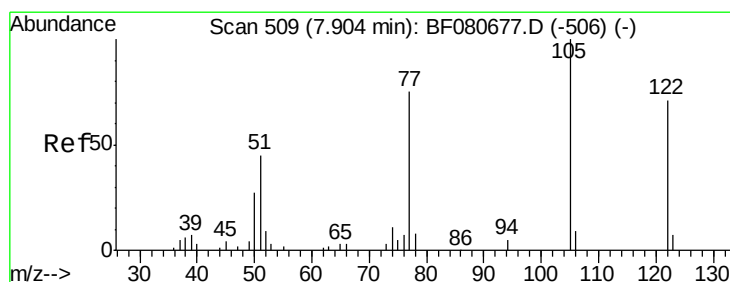
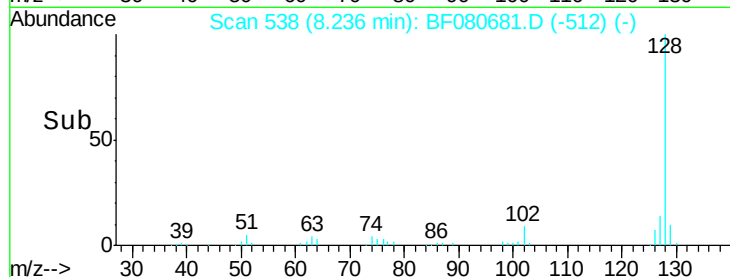
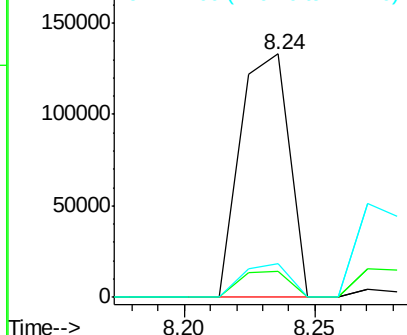
#31
Naphthalene
Concen: 38.63 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tgt Ion:128 Resp: 175394
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.7 10.5 15.7

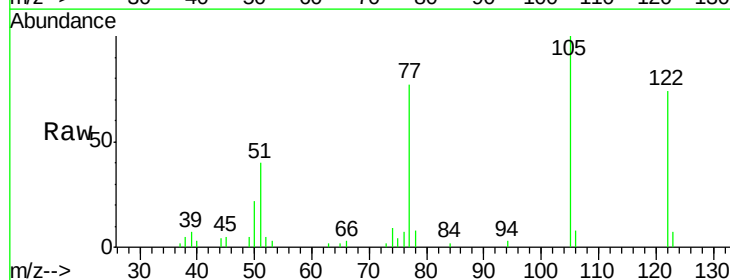


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

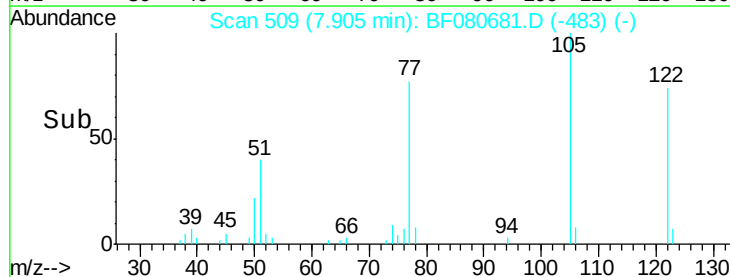
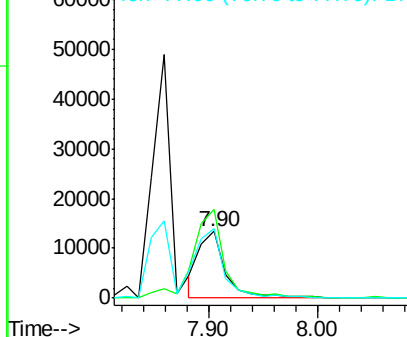


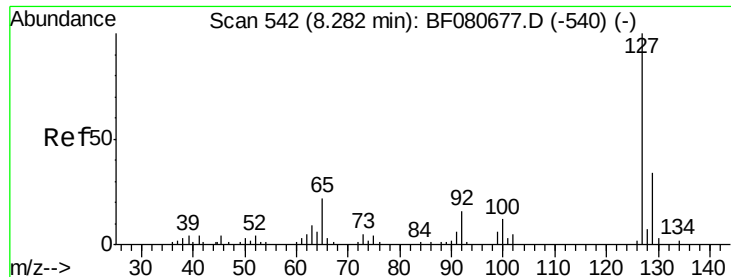
#32
Benzoic acid
Concen: 33.85 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:122 Resp: 23046
Ion Ratio Lower Upper
122 100
105 134.4 117.6 157.6
77 103.9 86.6 126.6



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

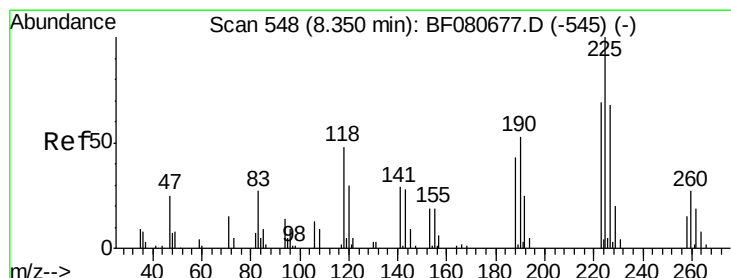
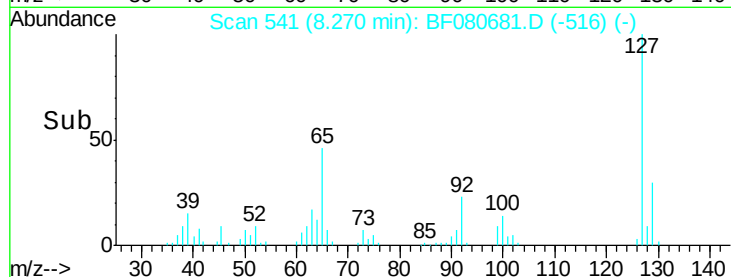
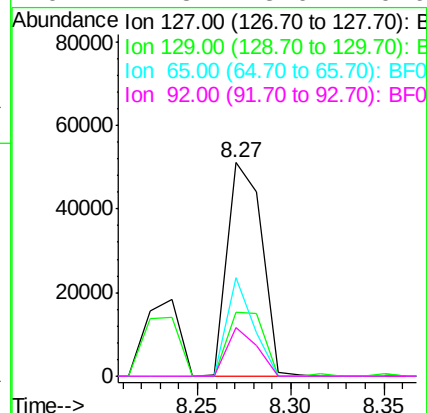
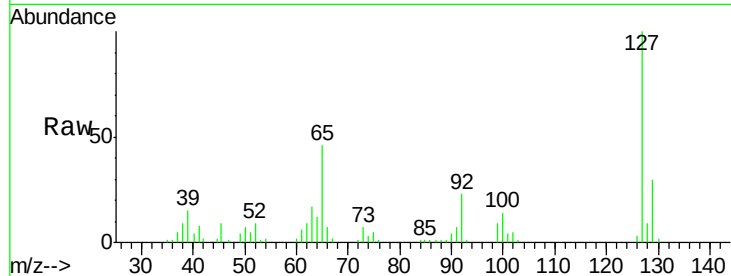




#33
4-Chloroaniline
Concen: 40.54 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

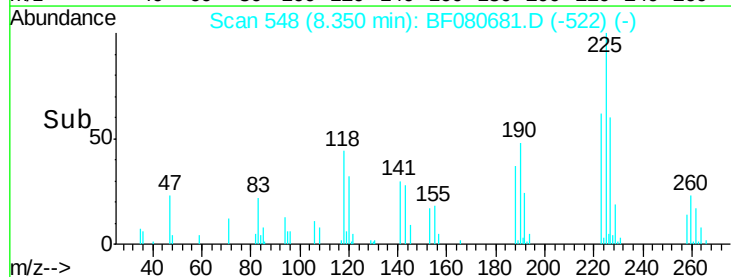
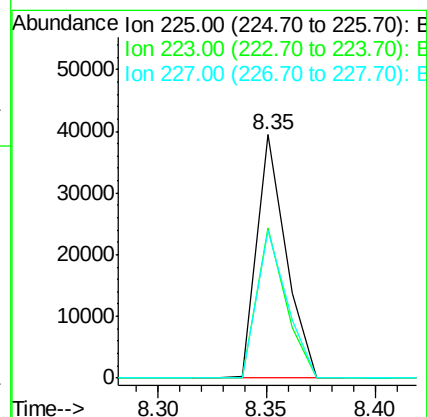
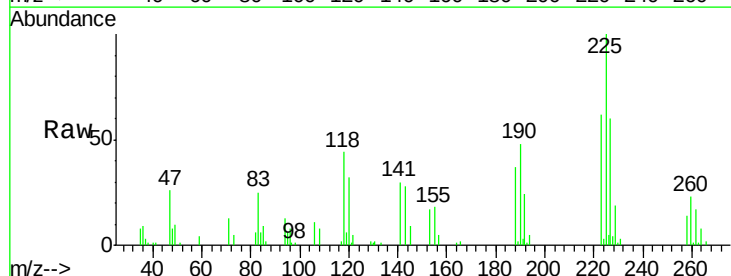
Instrument :
BNA_F
ClientSampleId :
ICVBF072715

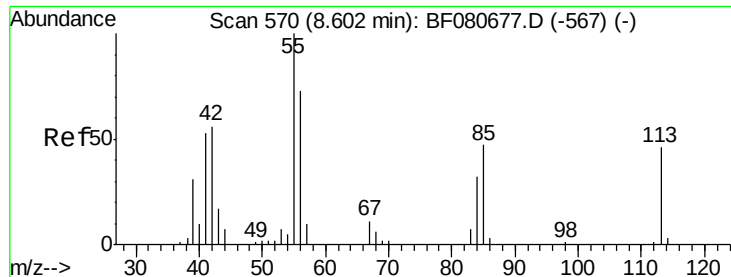
Tgt Ion:	127	Resp:	66266
Ion	Ratio	Lower	Upper
127	100		
129	30.1	26.8	40.2
65	46.1	17.6	26.4#
92	22.8	13.0	19.6#



#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 8.35 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:	225	Resp:	36683
Ion	Ratio	Lower	Upper
225	100		
223	61.7	55.0	82.6
227	60.4	54.0	81.0

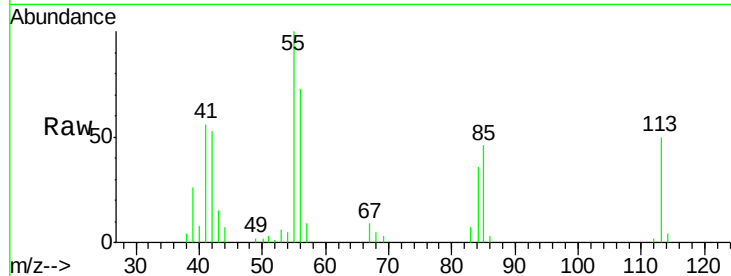




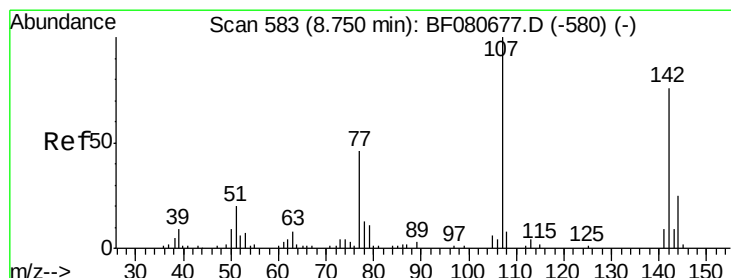
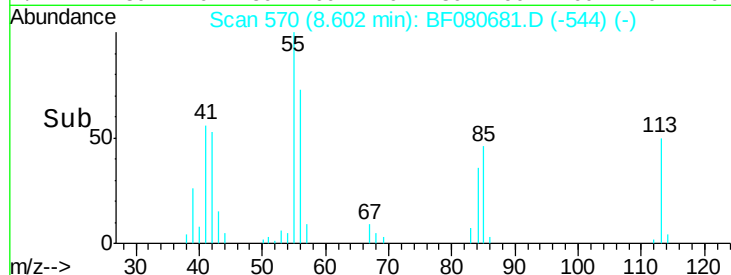
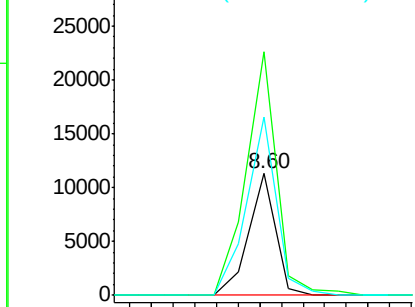
#35
 Caprolactam
 Concen: 40.94 ng
 RT: 8.60 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:113 Resp: 9674
 Ion Ratio Lower Upper
 113 100
 55 200.5 198.5 238.5
 56 147.3 139.5 179.5

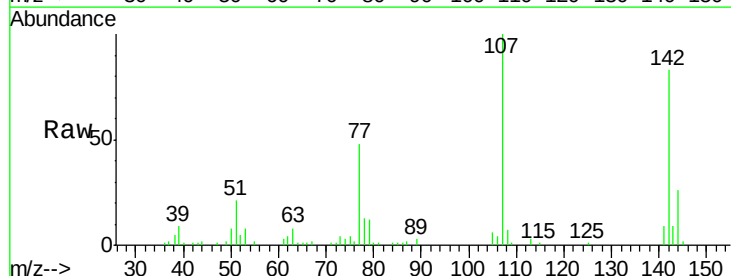


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

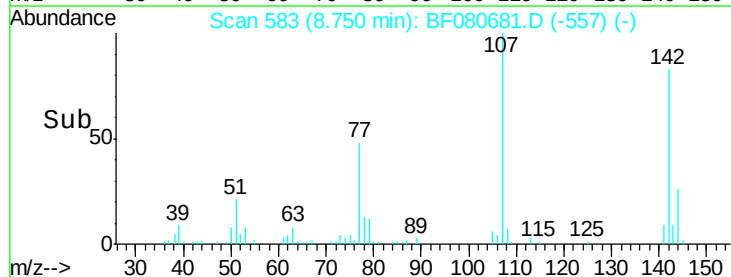
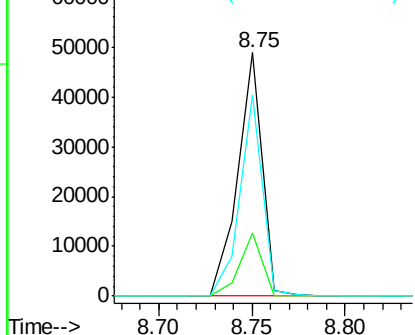


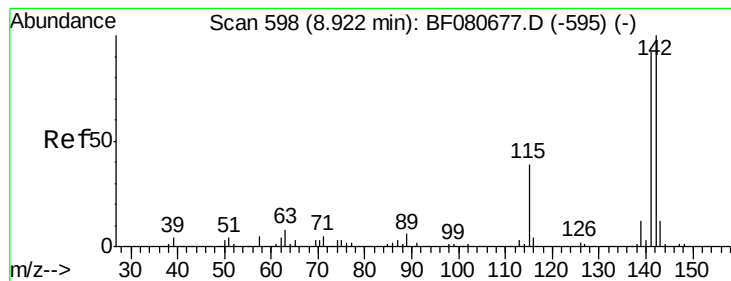
#36
 4-Chloro-3-methylphenol
 Concen: 38.01 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:107 Resp: 44850
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.0 30.0
 142 82.9 61.0 91.6



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: 39.59 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

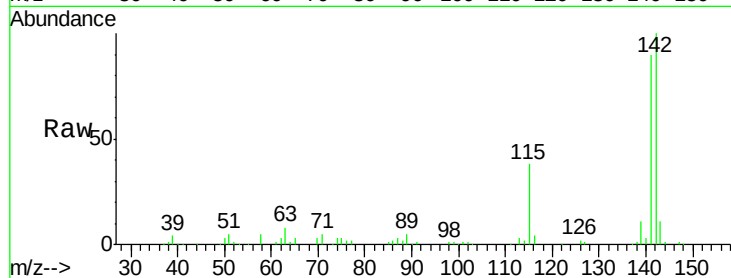
Tgt Ion:142 Resp: 114770

Ion Ratio Lower Upper

142 100

141 89.9 73.4 110.0

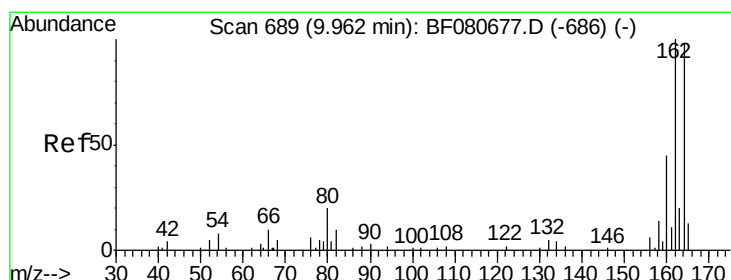
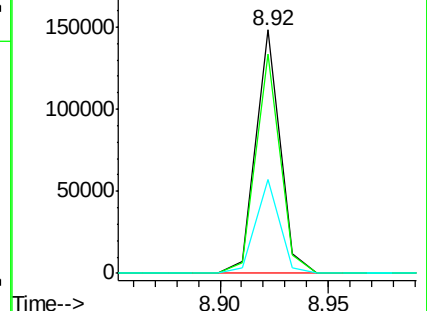
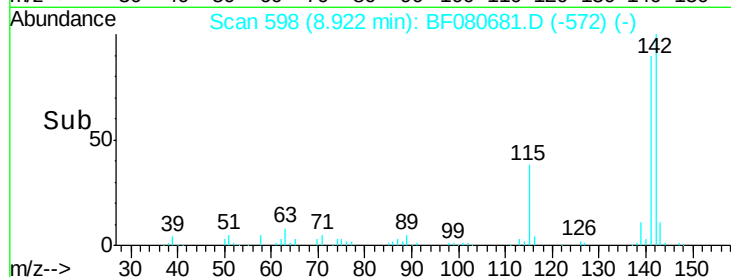
115 38.5 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

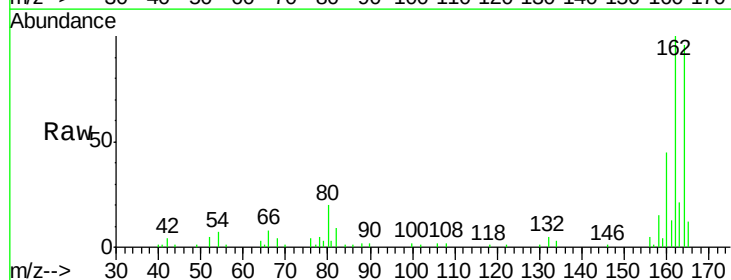
Tgt Ion:164 Resp: 36351

Ion Ratio Lower Upper

164 100

162 103.9 82.0 123.0

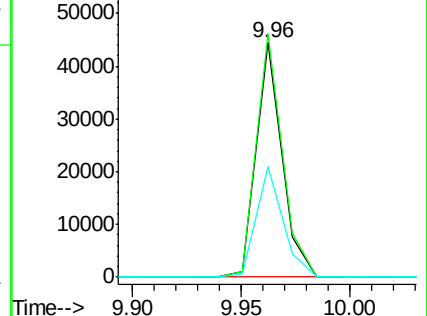
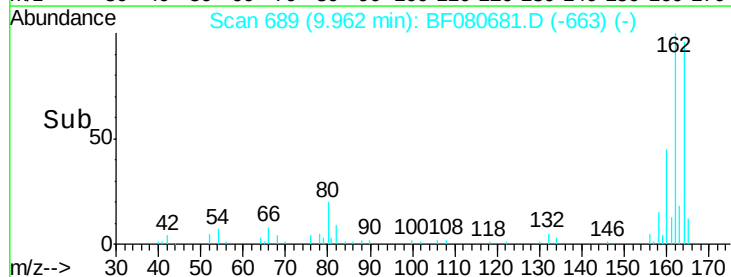
160 46.9 36.7 55.1

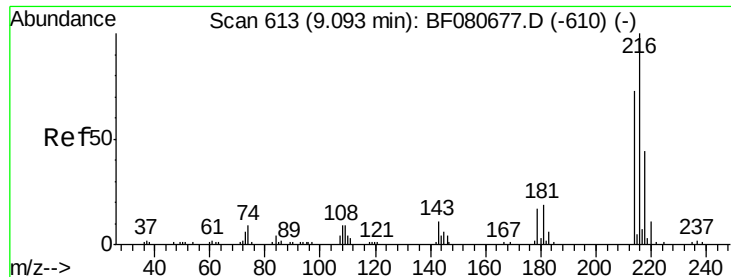


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.05 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

Tgt Ion:216 Resp: 49581

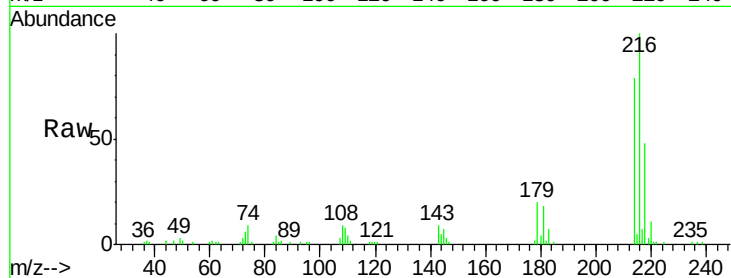
Ion Ratio Lower Upper

216 100

214 78.9 61.6 92.4

179 22.4 17.4 26.0

108 19.6 16.2 24.2

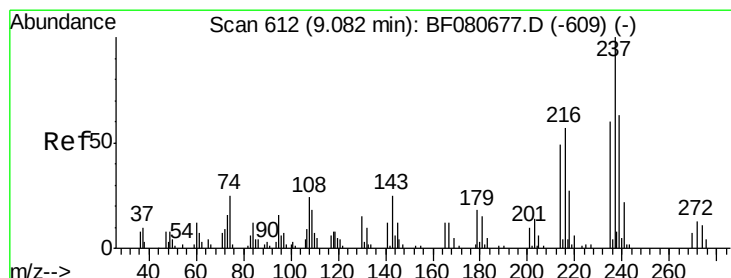
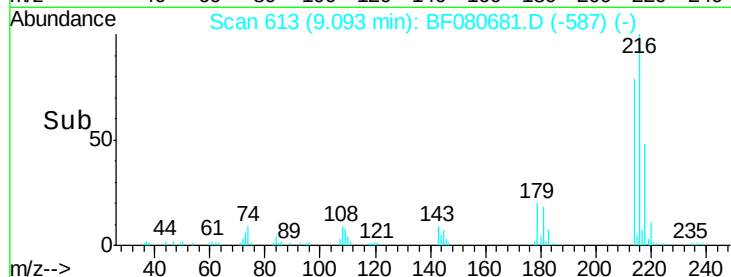
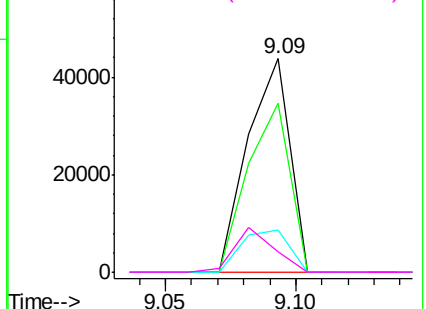


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.31 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

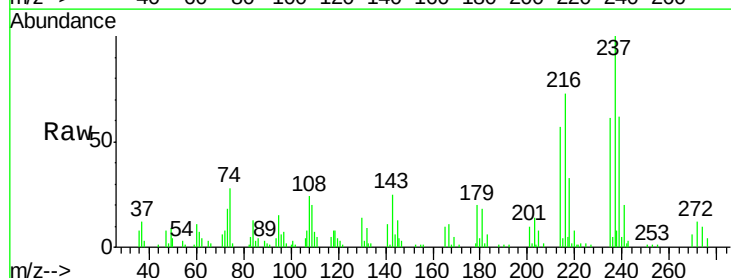
Tgt Ion:237 Resp: 32719

Ion Ratio Lower Upper

237 100

235 60.7 40.5 80.5

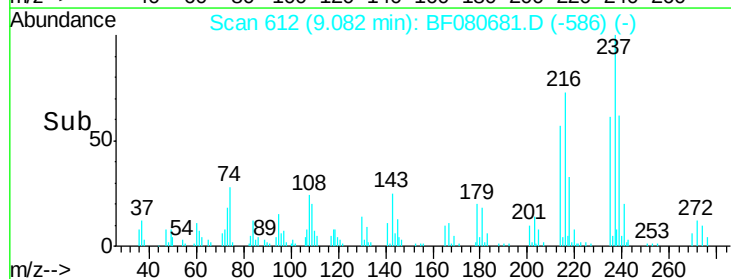
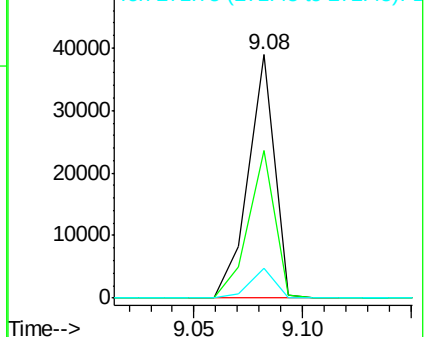
272 12.4 0.0 33.5

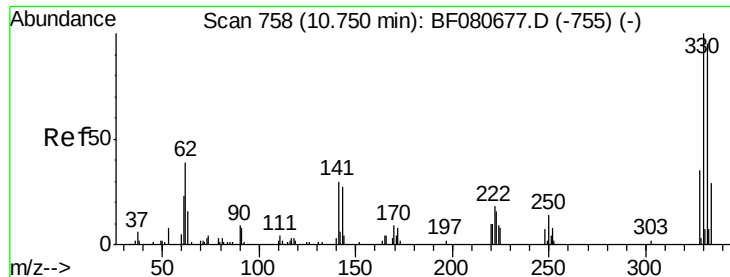


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

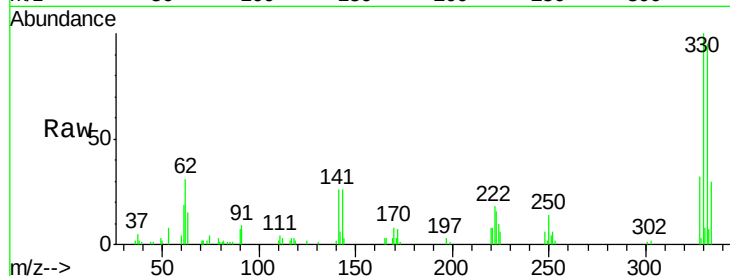




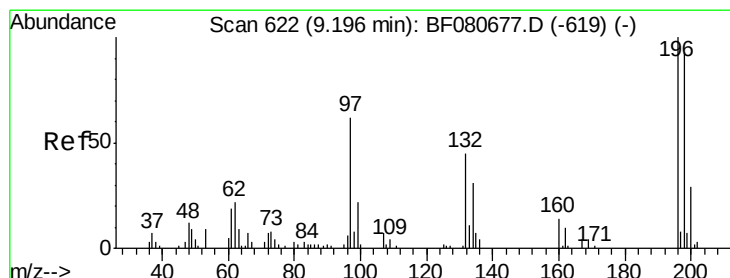
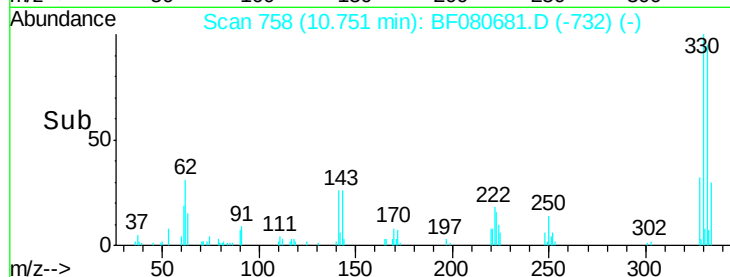
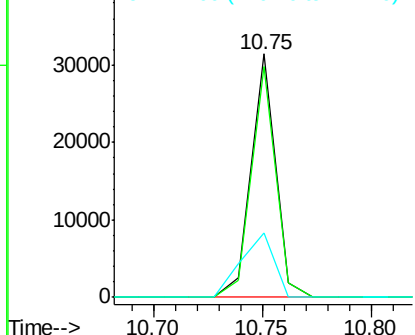
#41
 2,4,6-Tribromophenol
 Concen: 77.21 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:330 Resp: 24565
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.9 115.3
 141 35.4 30.6 45.8

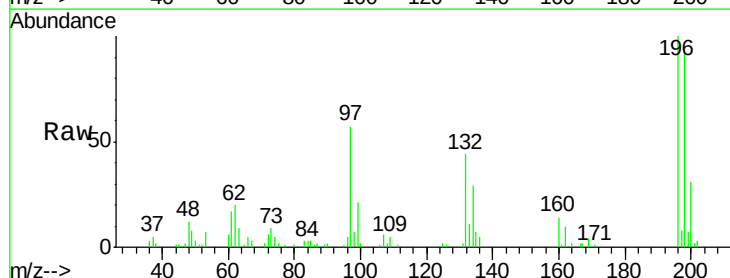


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

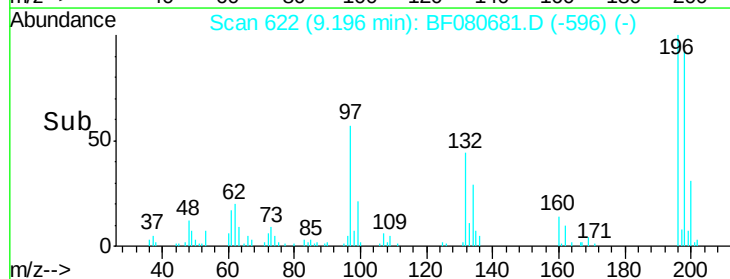
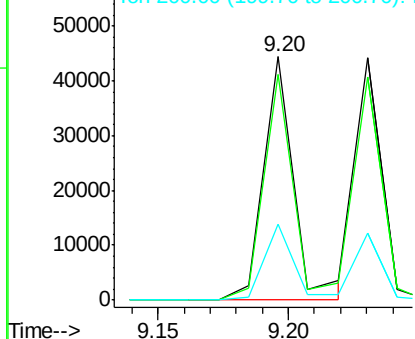


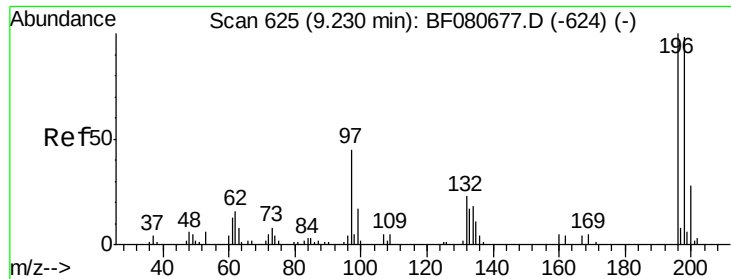
#42
 2,4,6-Trichlorophenol
 Concen: 41.00 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:196 Resp: 36206
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.4 111.6
 200 31.1 23.6 35.4



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

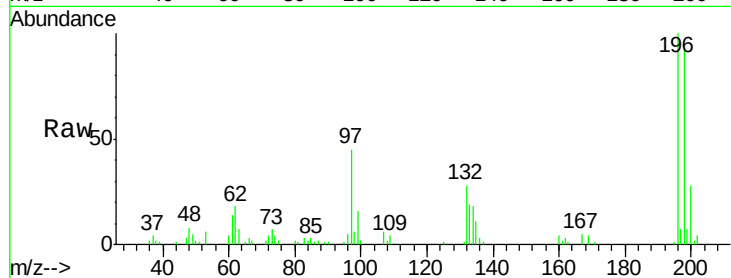




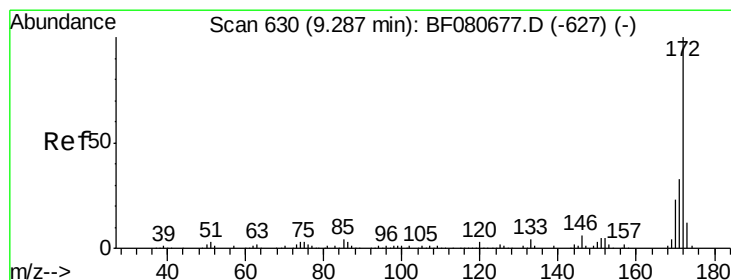
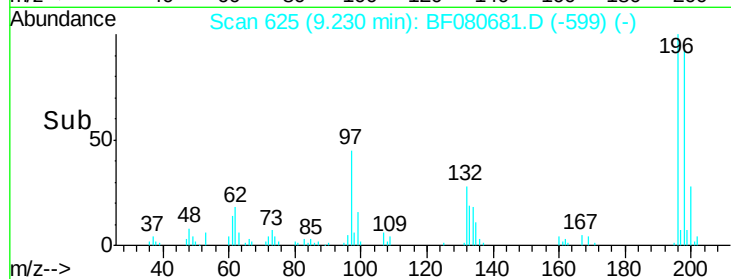
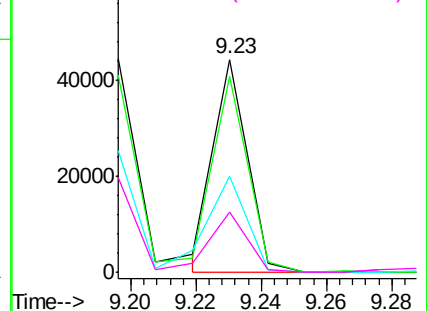
#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:196 Resp: 31683
 Ion Ratio Lower Upper
 196 100
 198 91.9 77.3 115.9
 97 44.9 39.6 59.4
 132 28.3 20.7 31.1

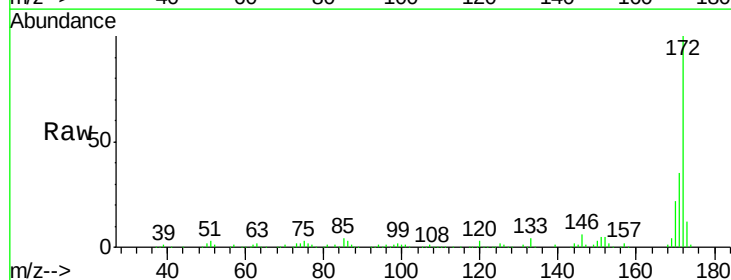


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

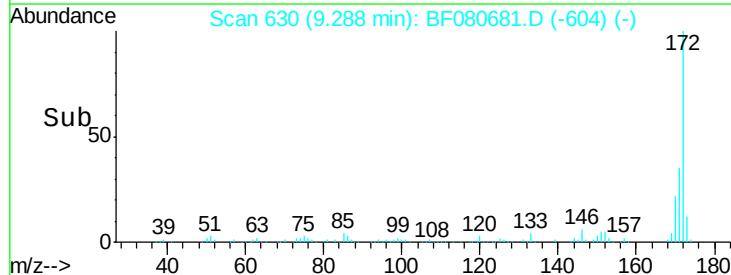
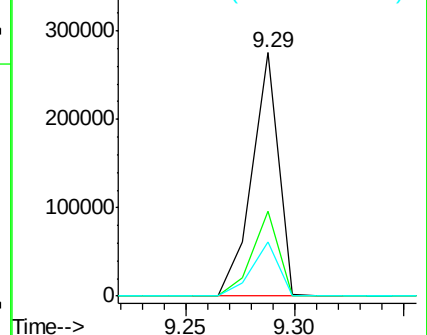


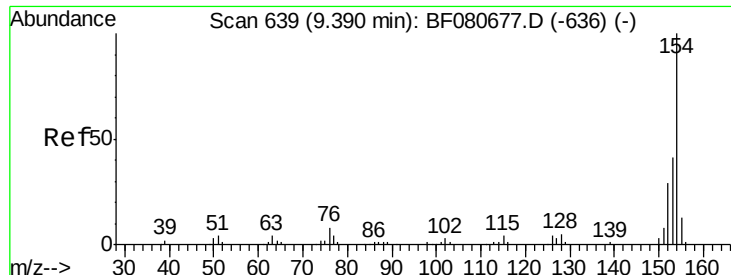
#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:172 Resp: 232674
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 39.8
 170 22.3 18.6 28.0



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

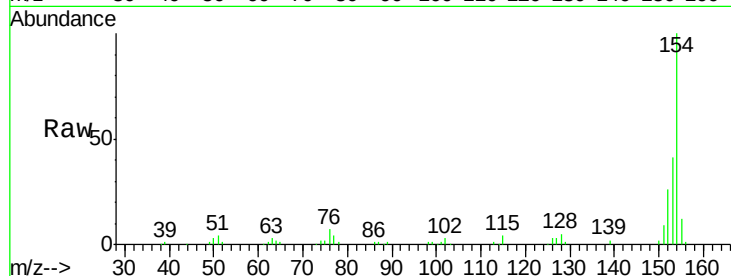




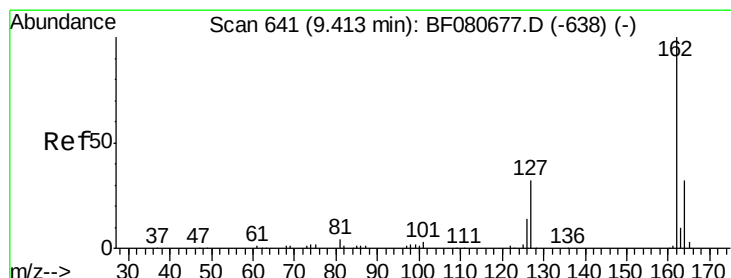
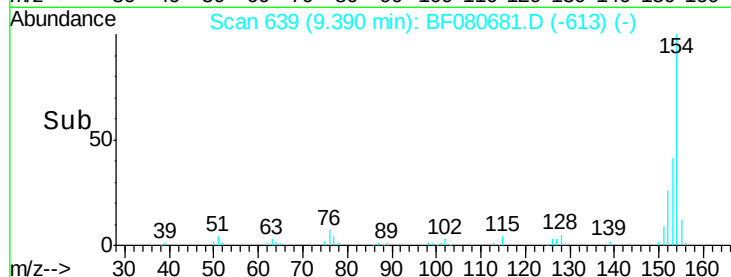
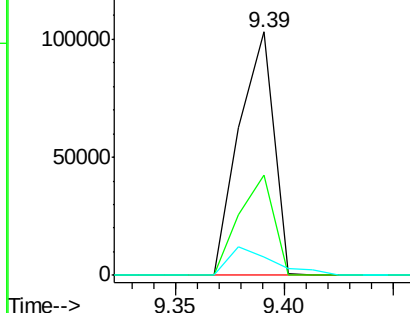
#45
 1,1'-Biphenyl
 Concen: 37.34 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:154 Resp: 113999
 Ion Ratio Lower Upper
 154 100
 153 41.4 21.1 61.1
 76 7.5 0.0 28.0

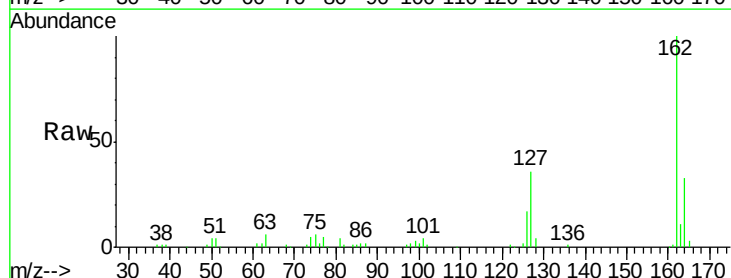


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

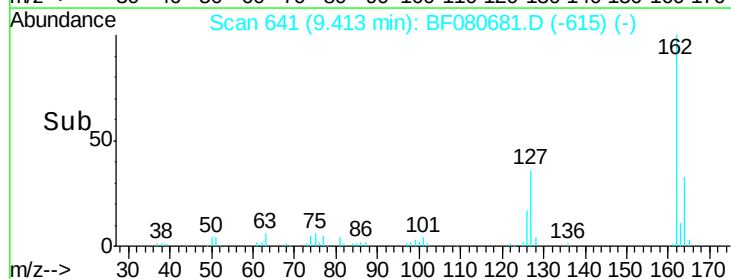
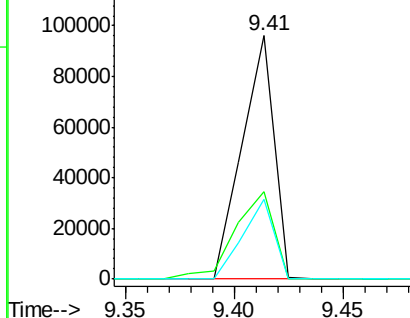


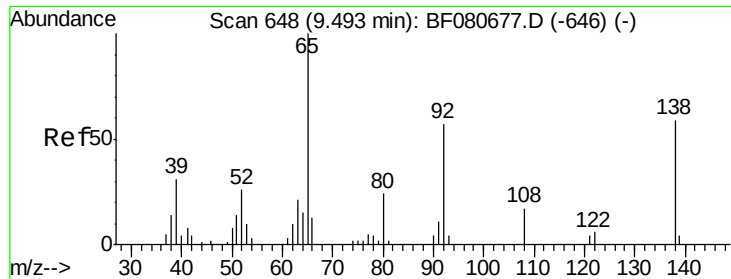
#46
 2-Chloronaphthalene
 Concen: 38.30 ng
 RT: 9.41 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:162 Resp: 97831
 Ion Ratio Lower Upper
 162 100
 127 35.9 27.2 40.8
 164 32.8 25.8 38.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.32 ng

RT: 9.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

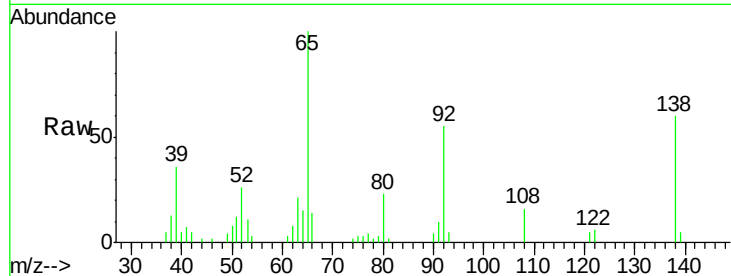
Tgt Ion: 65 Resp: 24232

Ion Ratio Lower Upper

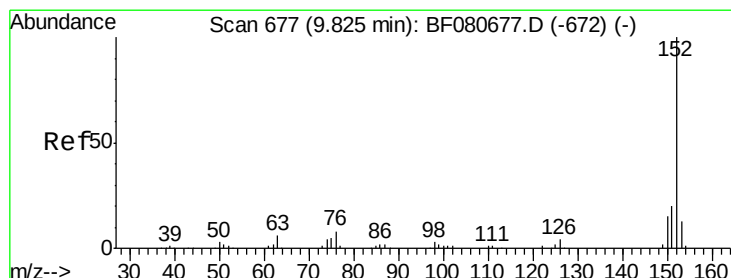
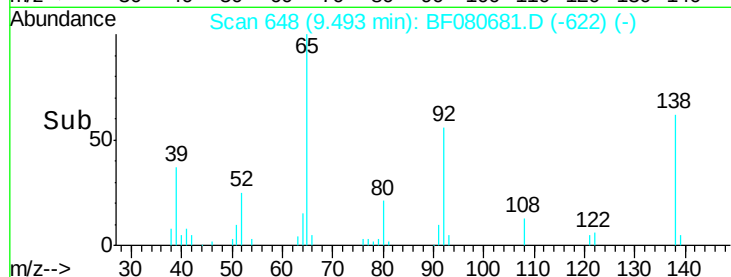
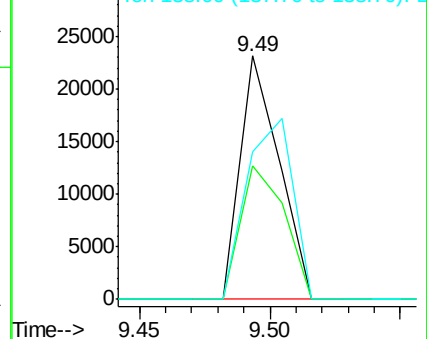
65 100

92 54.6 45.9 68.9

138 60.5 47.0 70.4



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



#48

Acenaphthylene

Concen: 38.64 ng

RT: 9.82 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

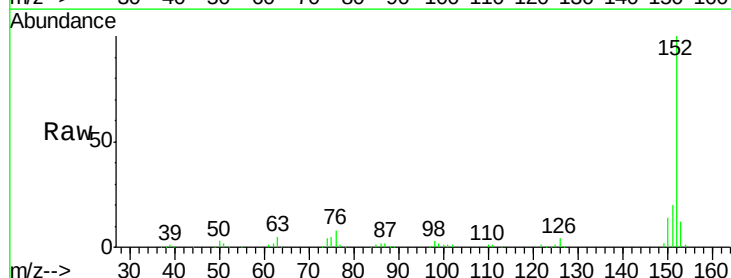
Tgt Ion: 152 Resp: 155315

Ion Ratio Lower Upper

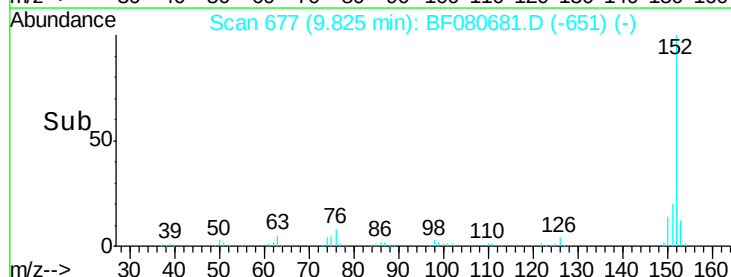
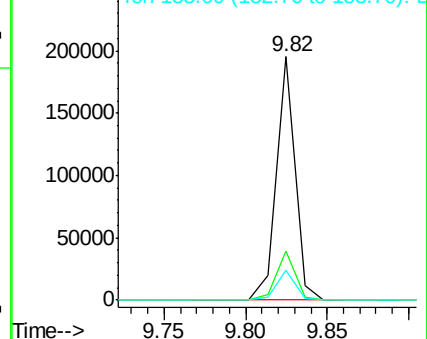
152 100

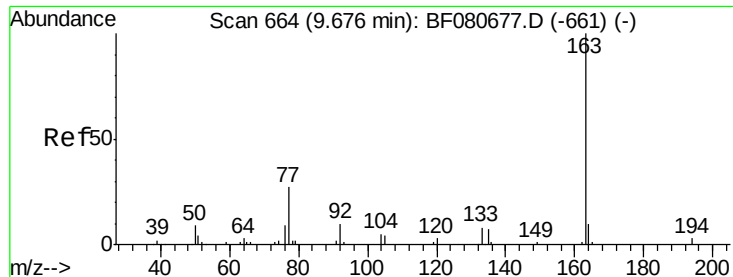
151 19.9 15.7 23.5

153 12.3 10.2 15.4



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

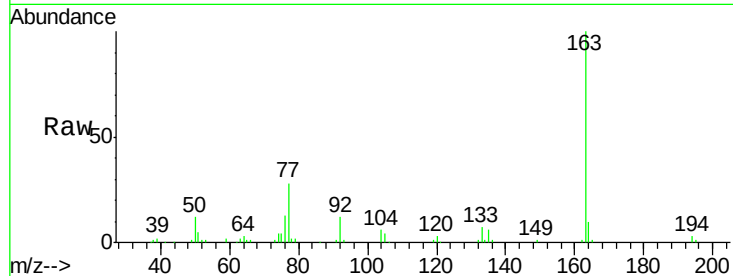




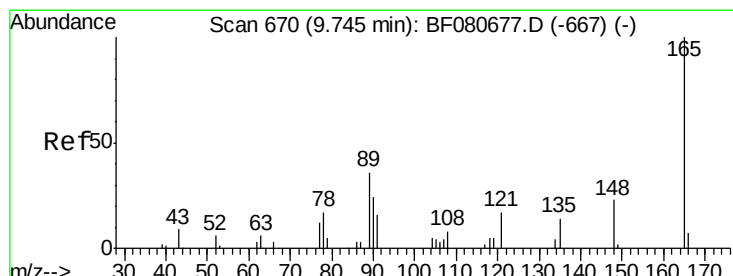
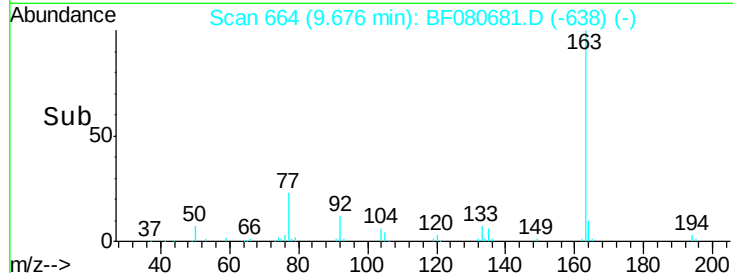
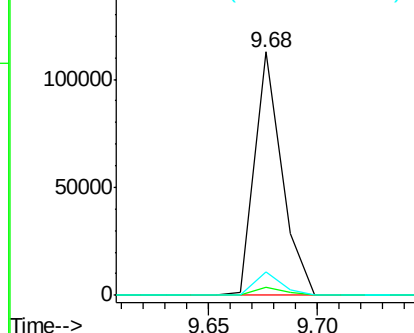
#49
Dimethylphthalate
Concen: 41.34 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tgt Ion:163 Resp: 97691
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 9.9 8.1 12.1

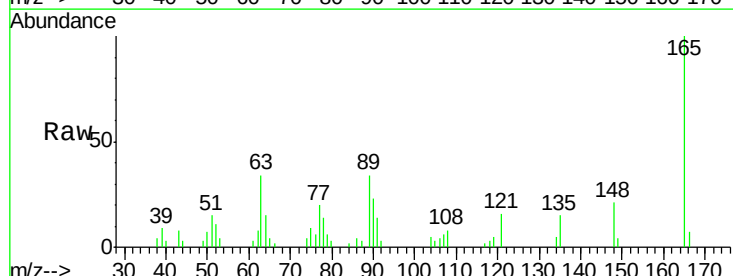


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

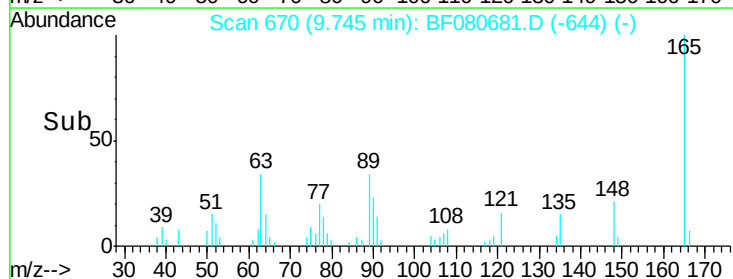
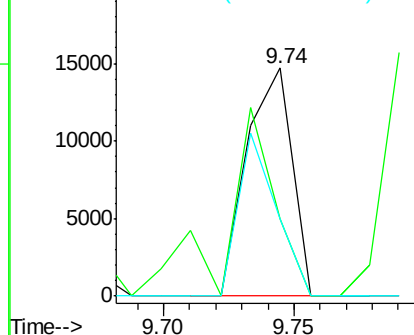


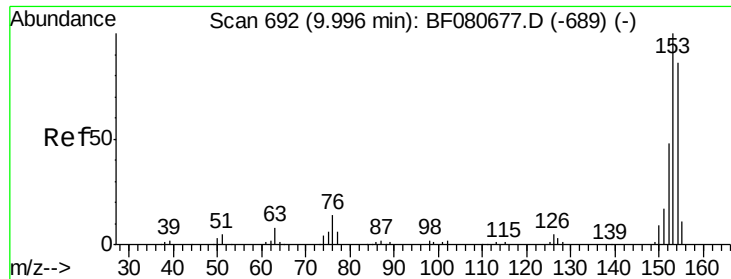
#50
2,6-Dinitrotoluene
Concen: 37.73 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:165 Resp: 17650
Ion Ratio Lower Upper
165 100
63 33.8 27.1 40.7
89 33.8 29.0 43.6



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: 37.40 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

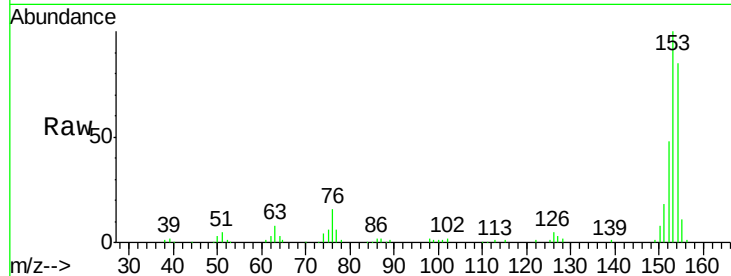
Tgt Ion:154 Resp: 88419

Ion Ratio Lower Upper

154 100

153 117.2 92.8 139.2

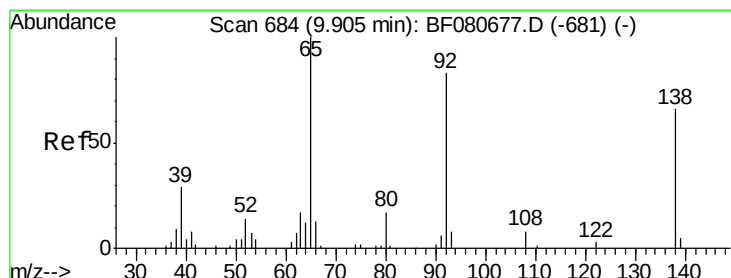
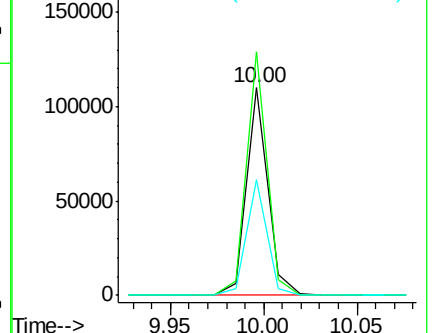
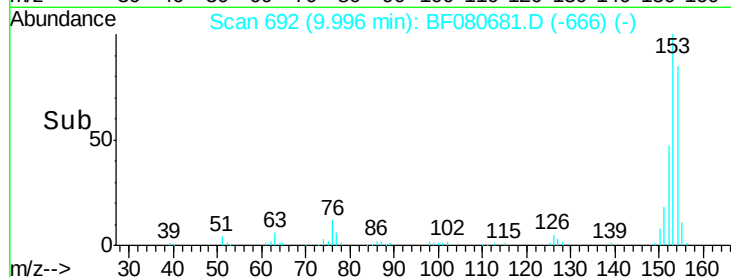
152 55.9 44.6 66.8



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: 41.49 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

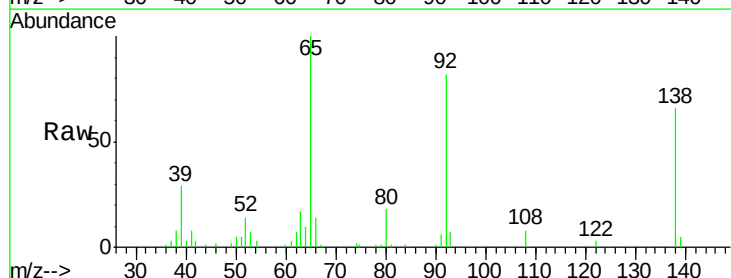
Tgt Ion:138 Resp: 22046

Ion Ratio Lower Upper

138 100

108 11.9 10.3 15.5

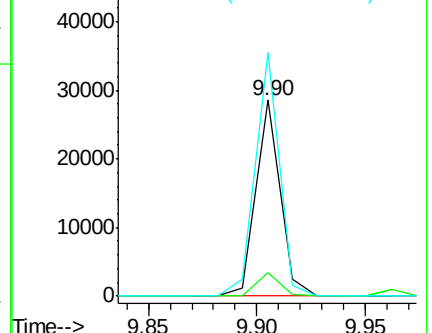
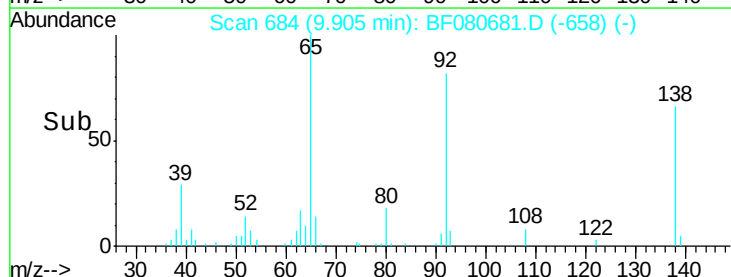
92 124.2 100.6 151.0

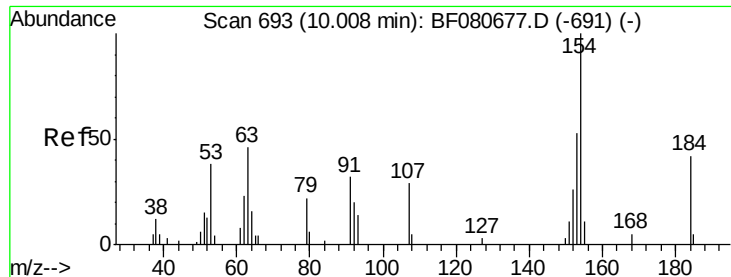


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

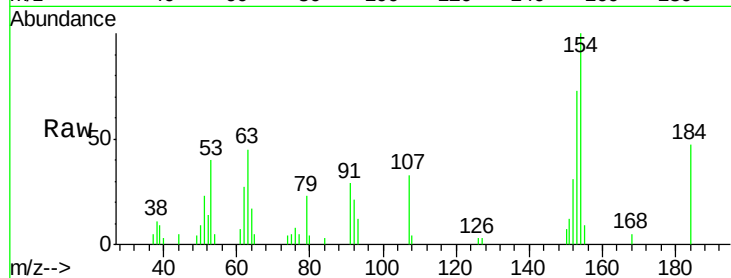




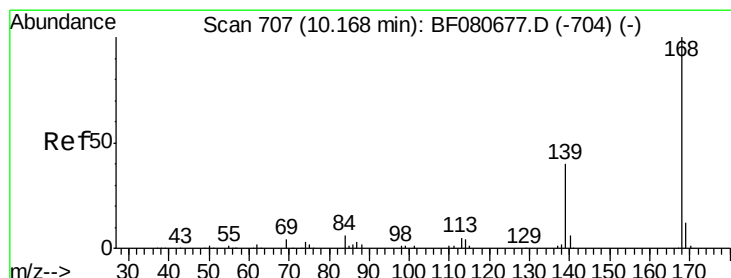
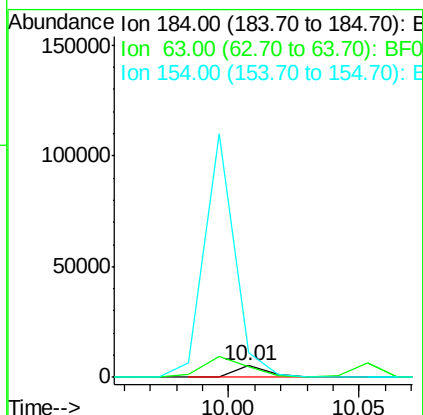
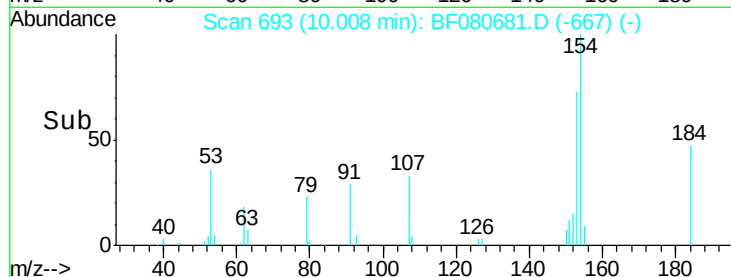
#53
2,4-Dinitrophenol
Concen: 39.56 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tgt Ion:184 Resp: 4735
Ion Ratio Lower Upper
184 100
63 95.2 104.5 156.7#
154 211.6 276.3 414.5#

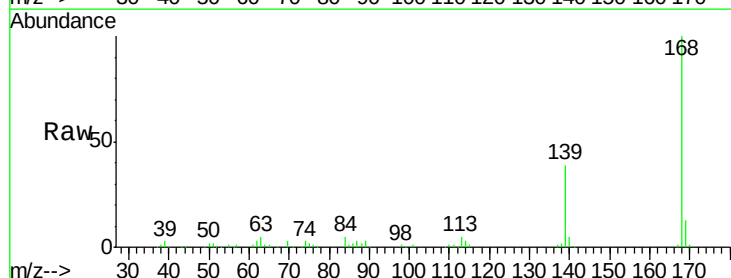


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

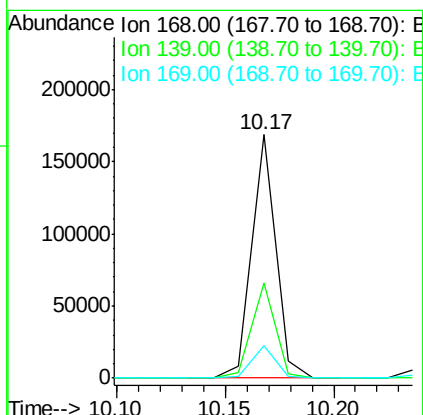
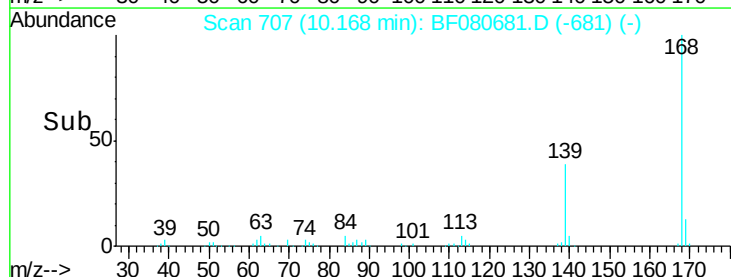


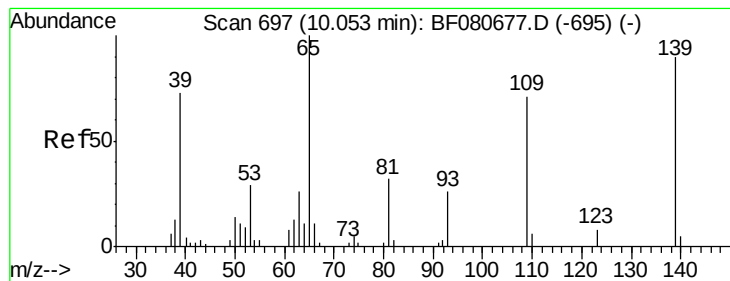
#54
Dibenzofuran
Concen: 39.96 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:168 Resp: 129667
Ion Ratio Lower Upper
168 100
139 39.2 31.8 47.8
169 13.2 9.8 14.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 42.22 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

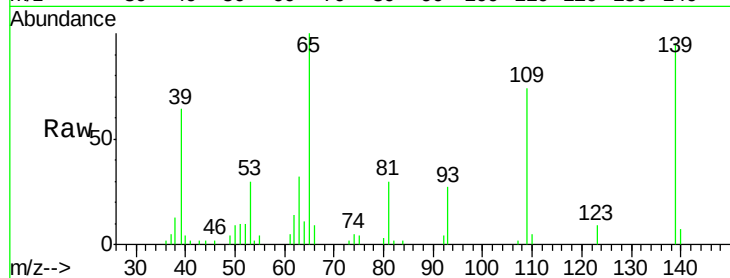
Tgt Ion:139 Resp: 15021

Ion Ratio Lower Upper

139 100

109 78.0 58.4 98.4

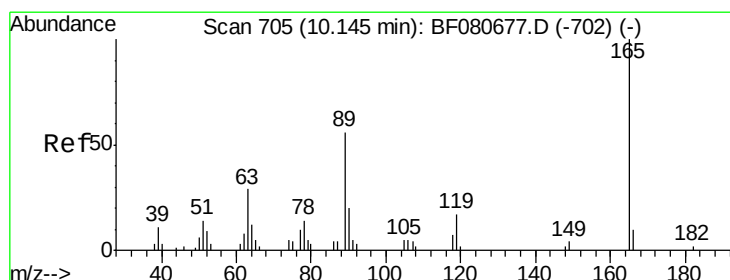
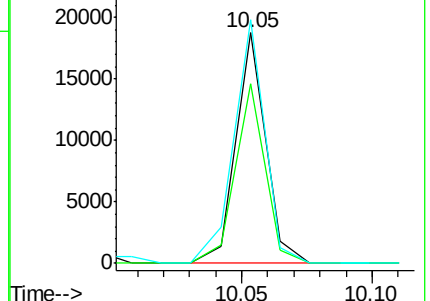
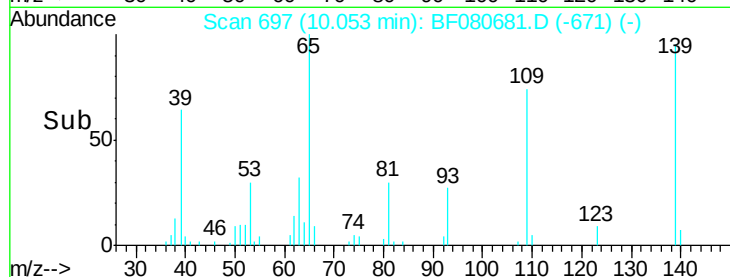
65 105.6 90.5 130.5



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: 38.13 ng

RT: 10.14 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:165 Resp: 20336

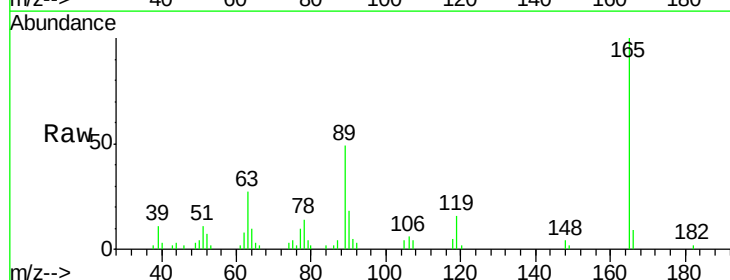
Ion Ratio Lower Upper

165 100

63 27.5 23.2 34.8

89 48.6 44.6 67.0

182 2.3 1.9 2.9

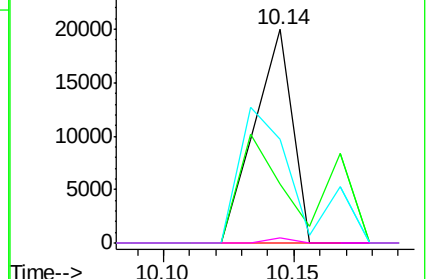
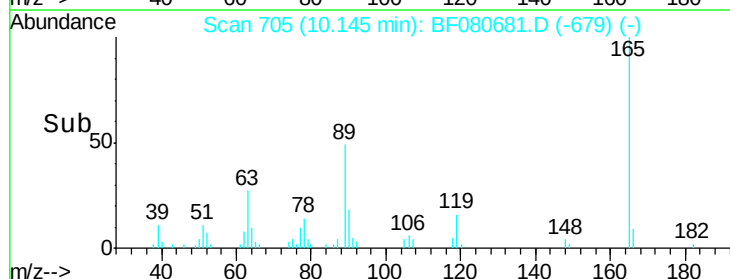


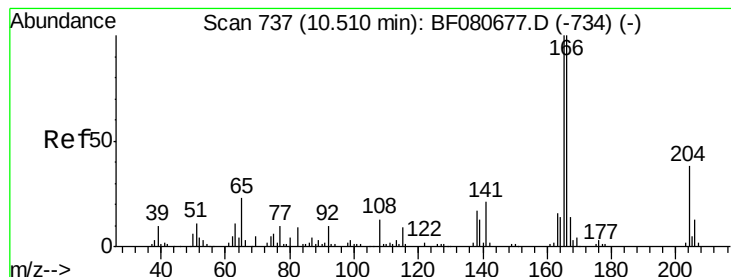
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.13 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

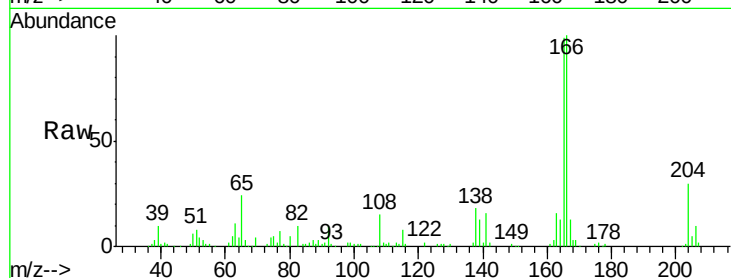
Tgt Ion:166 Resp: 98931

Ion Ratio Lower Upper

166 100

165 98.8 80.2 120.4

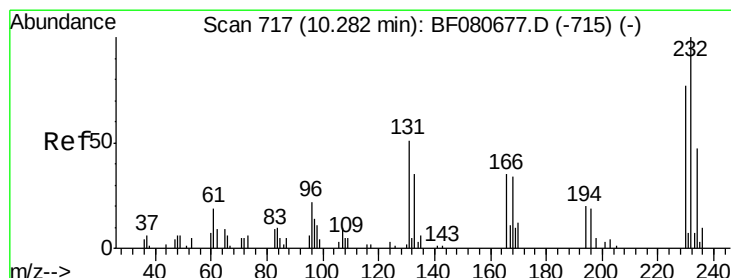
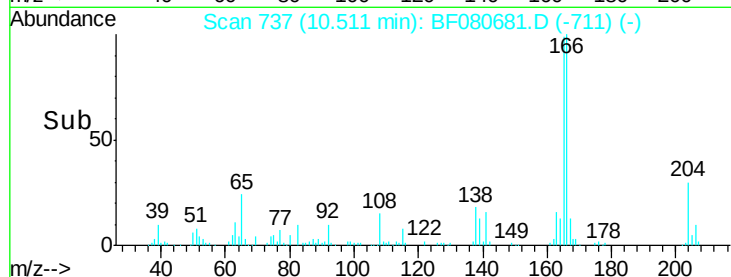
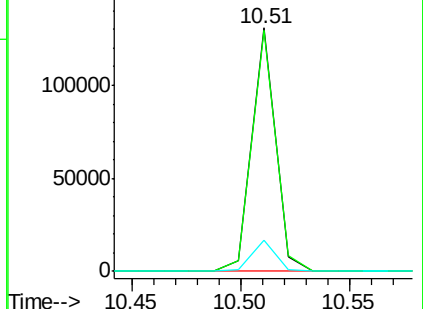
167 13.0 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.09 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion:232 Resp: 20245

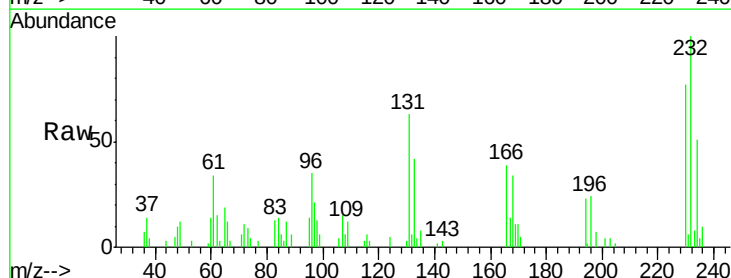
Ion Ratio Lower Upper

232 100

131 47.0 33.4 50.0

130 1.9 1.5 2.3

166 29.3 21.9 32.9

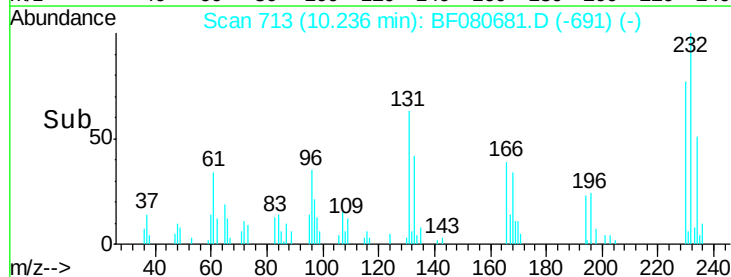
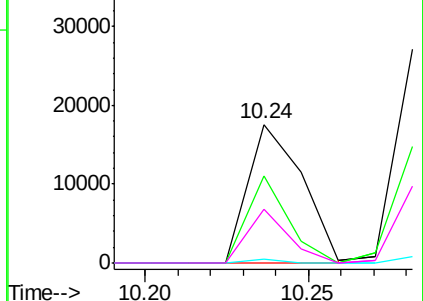


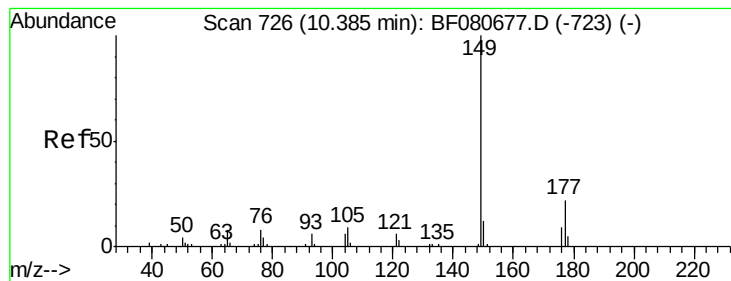
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.73 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

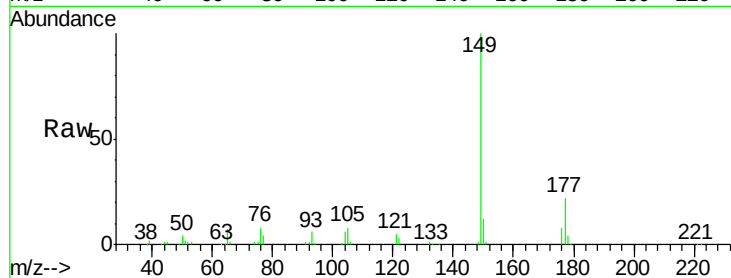
Tgt Ion:149 Resp: 91432

Ion Ratio Lower Upper

149 100

177 21.6 17.4 26.2

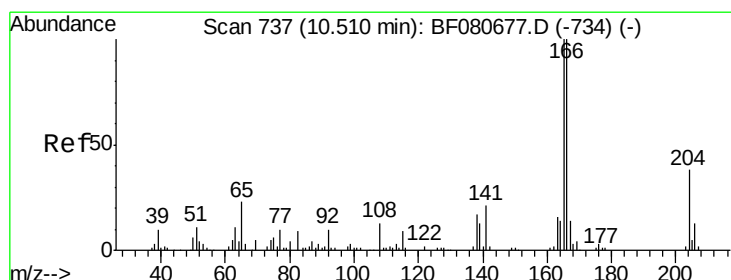
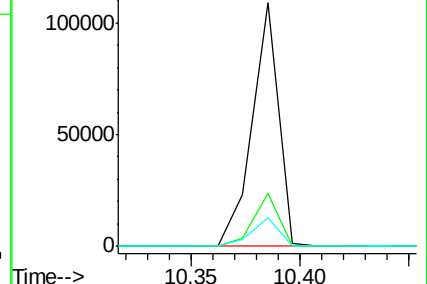
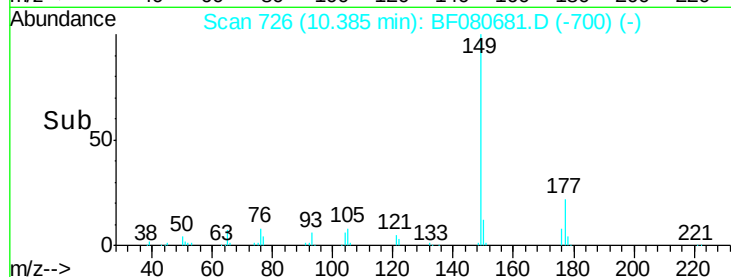
150 11.7 9.5 14.3



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: 37.52 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

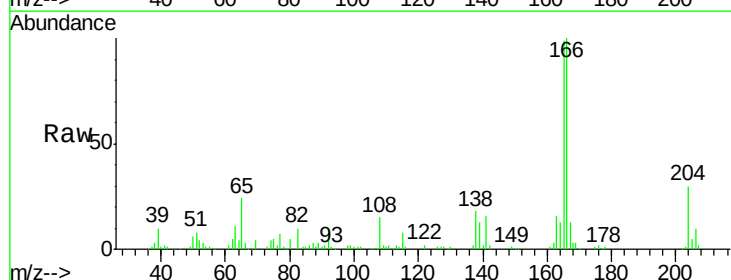
Tgt Ion:204 Resp: 40726

Ion Ratio Lower Upper

204 100

206 34.6 26.5 39.7

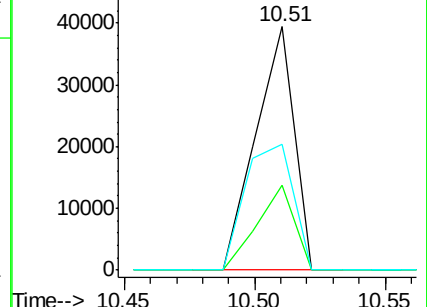
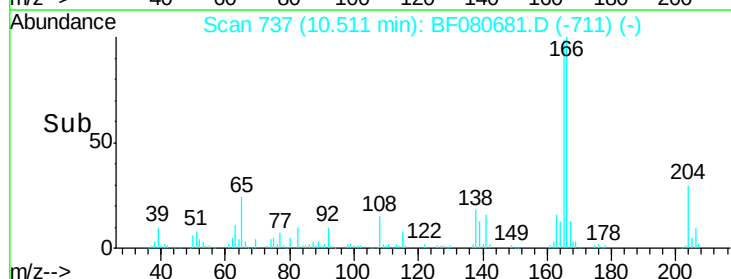
141 51.9 43.8 65.6

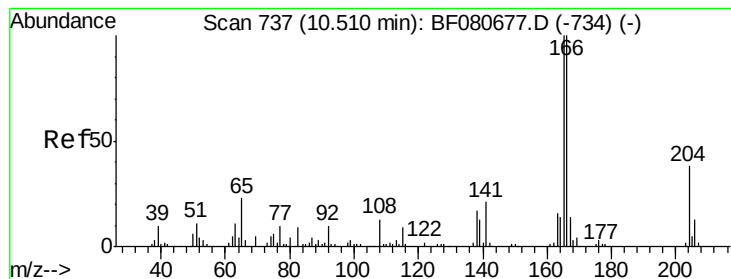


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.32 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

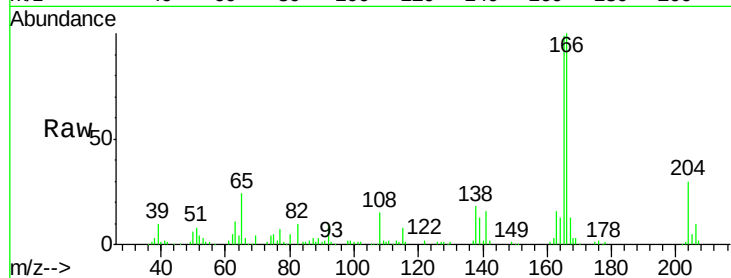
Tgt Ion:138 Resp: 18721

Ion Ratio Lower Upper

138 100

92 52.9 38.1 78.1

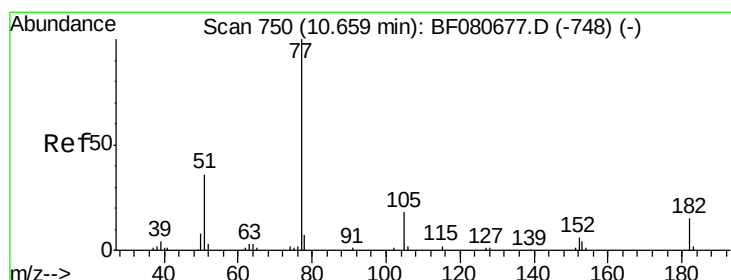
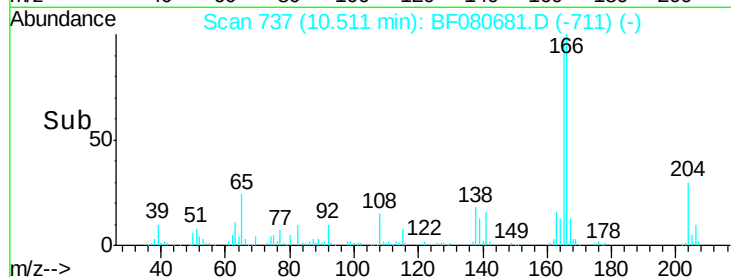
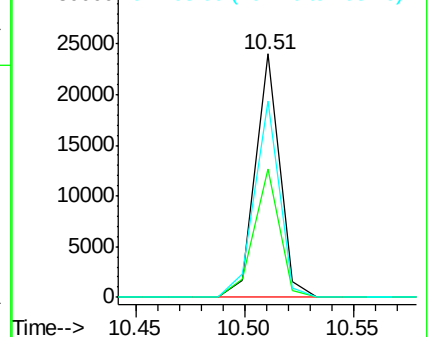
108 80.4 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.93 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Tgt Ion: 77 Resp: 85491

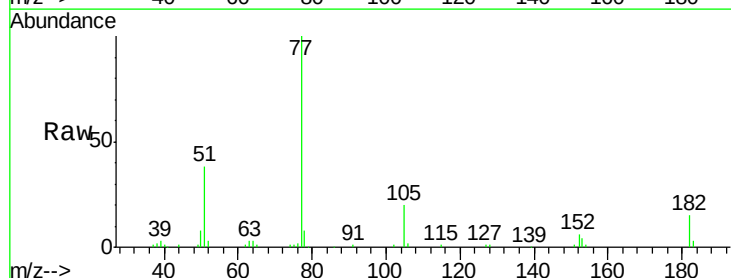
Ion Ratio Lower Upper

77 100

182 15.2 0.0 34.7

105 19.9 0.0 37.8

51 38.4 16.3 56.3

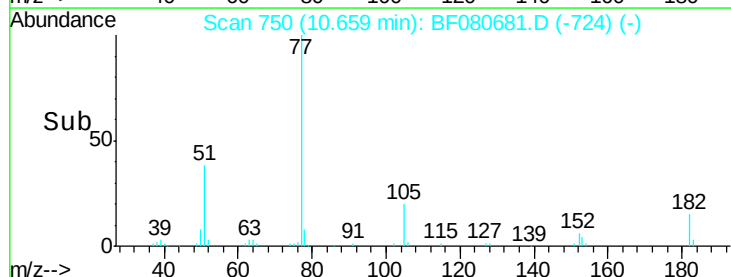
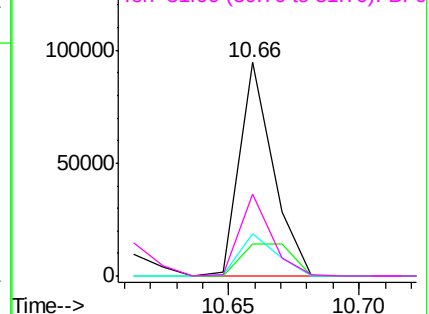


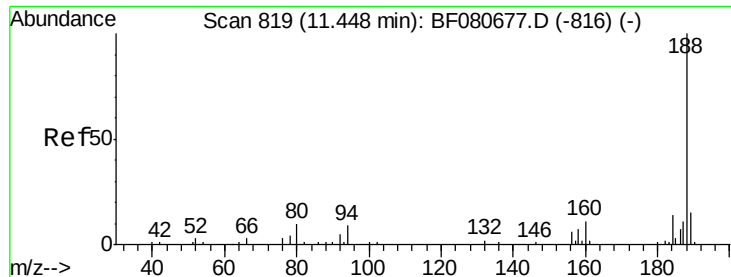
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

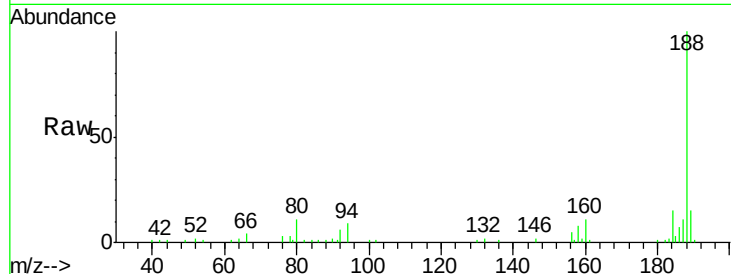




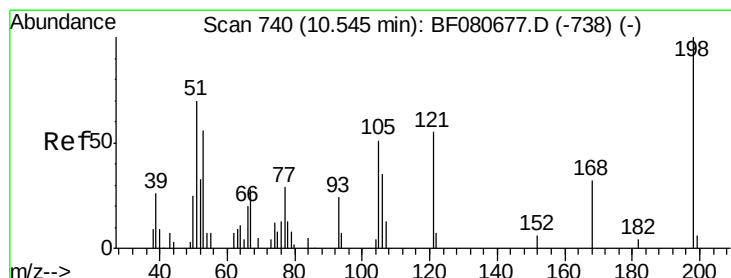
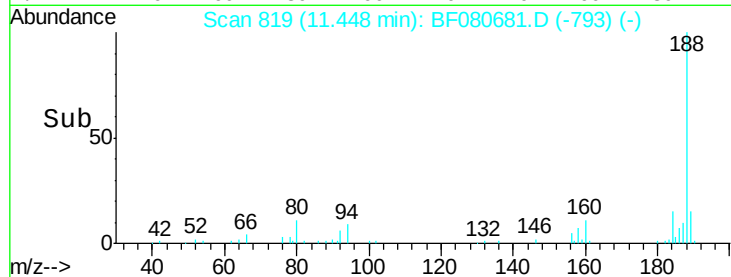
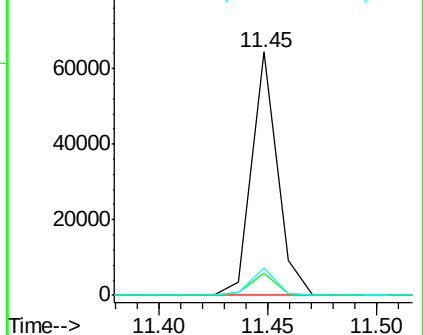
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion:188 Resp: 52924
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.2 10.8
 80 11.2 8.2 12.2

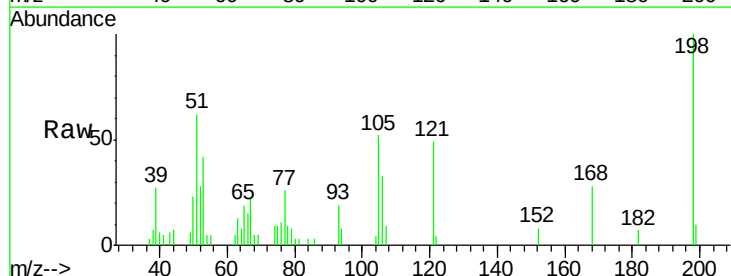


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

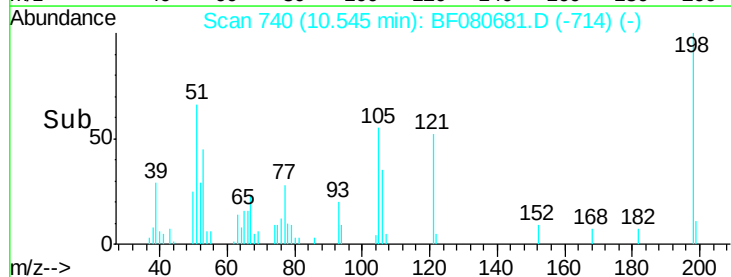
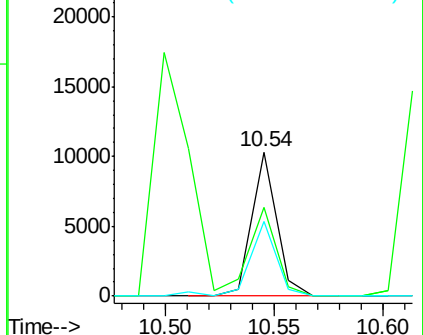


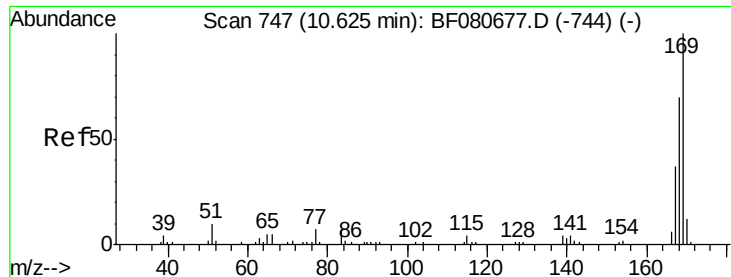
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.19 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:198 Resp: 8155
 Ion Ratio Lower Upper
 198 100
 51 61.7 55.1 95.1
 105 52.1 30.9 70.9



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: 41.31 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

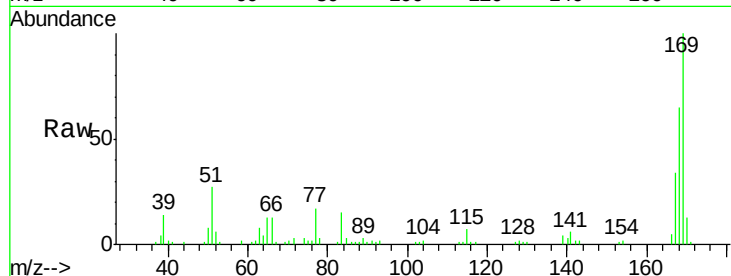
Tgt Ion:169 Resp: 74662

Ion Ratio Lower Upper

169 100

168 64.6 56.2 84.2

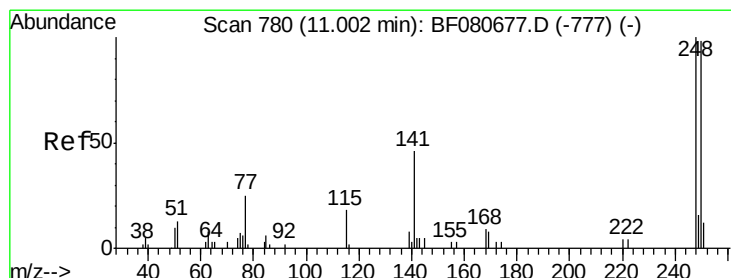
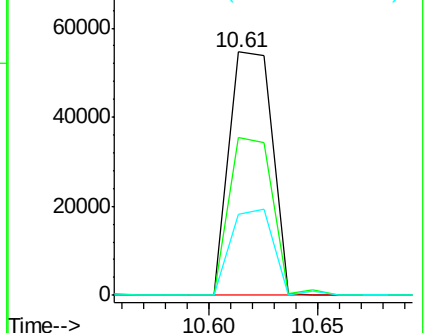
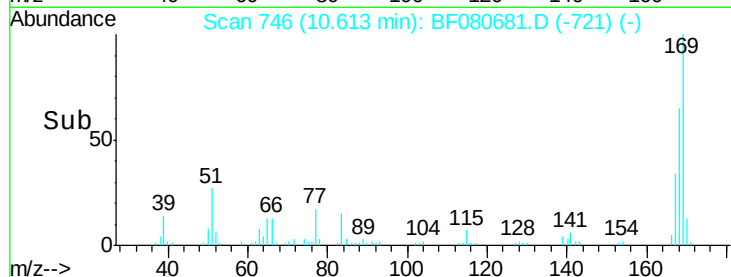
167 33.5 29.3 43.9



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: 40.91 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

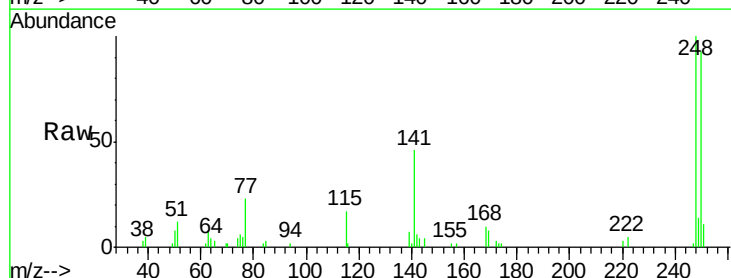
Tgt Ion:248 Resp: 23123

Ion Ratio Lower Upper

248 100

250 92.8 78.5 117.7

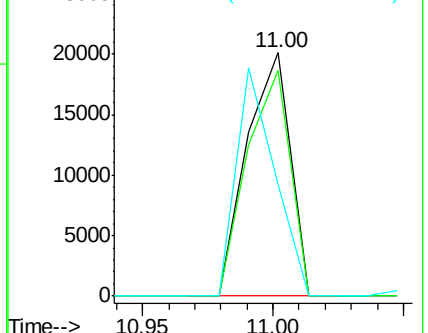
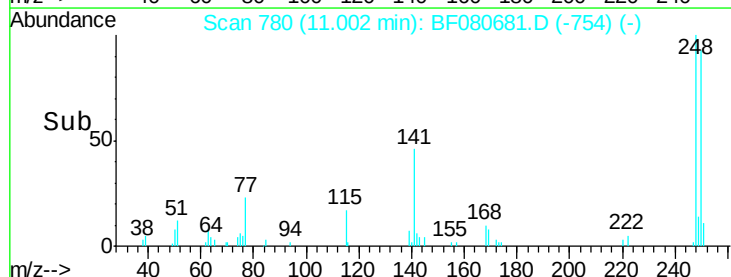
141 45.9 36.8 55.2

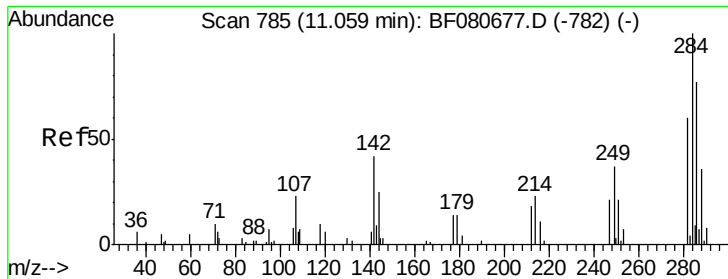


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.62 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

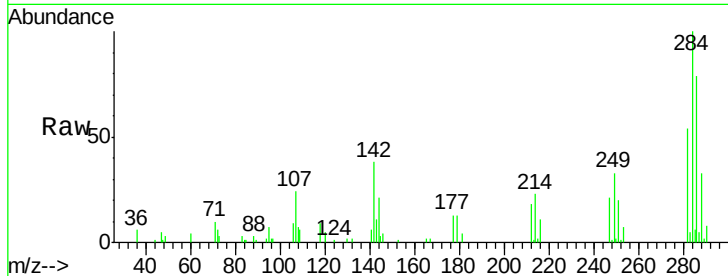
Tgt Ion:284 Resp: 26346

Ion Ratio Lower Upper

284 100

142 37.5 34.0 51.0

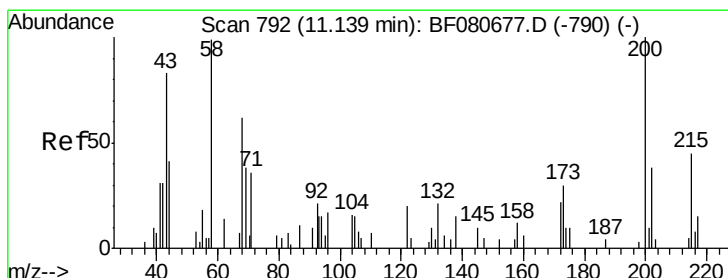
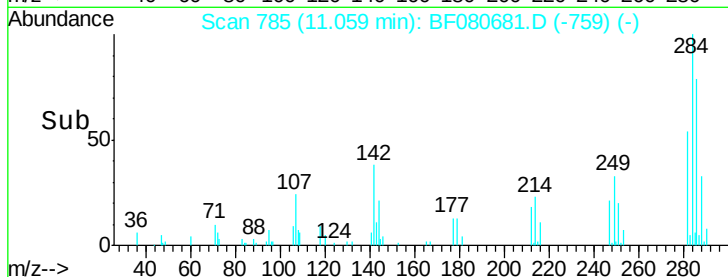
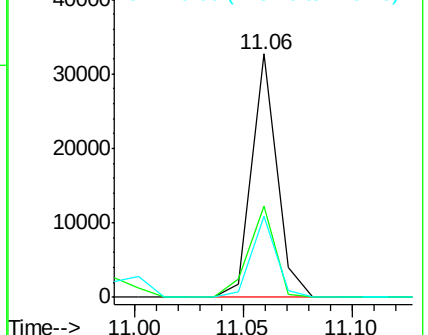
249 33.1 29.4 44.0



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: 48.74 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

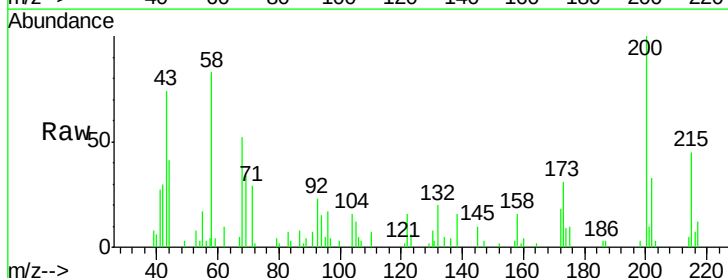
Tgt Ion:200 Resp: 17085

Ion Ratio Lower Upper

200 100

173 30.9 9.7 49.7

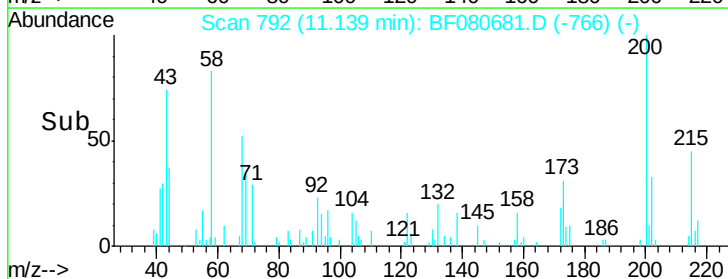
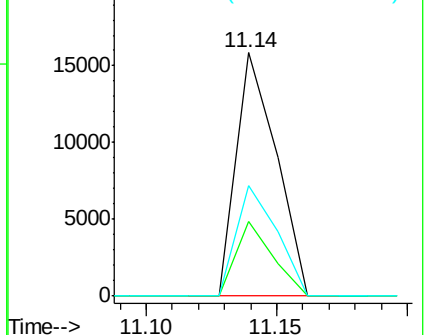
215 45.4 24.7 64.7

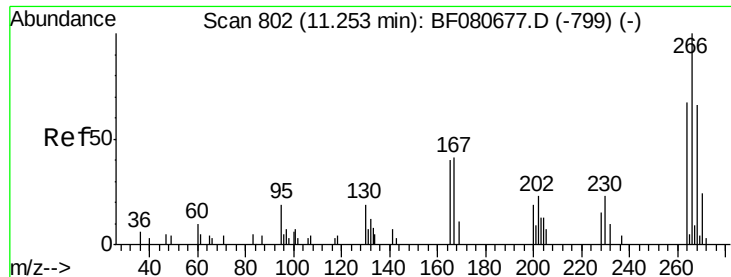


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

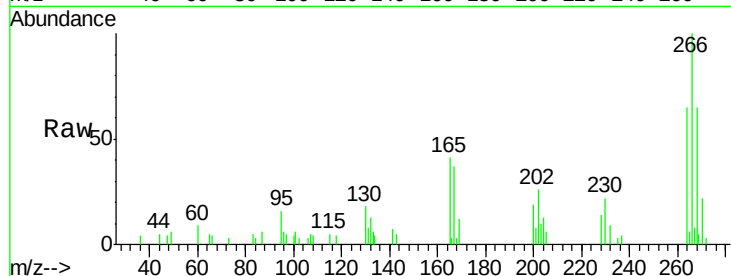




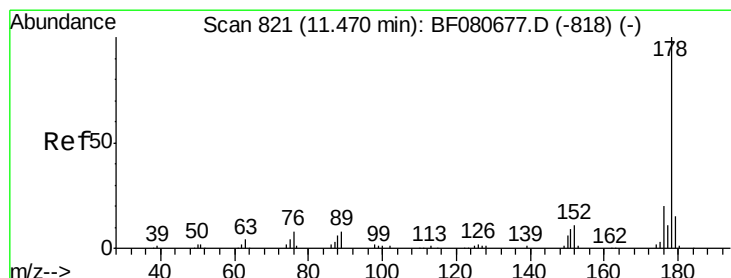
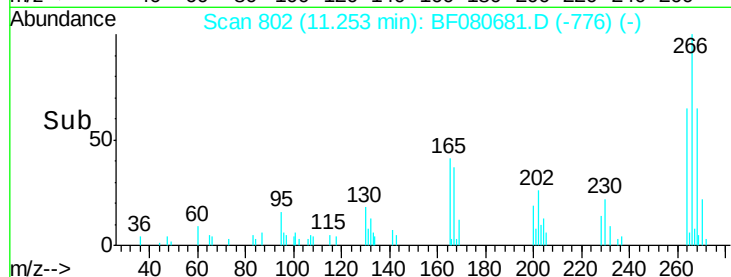
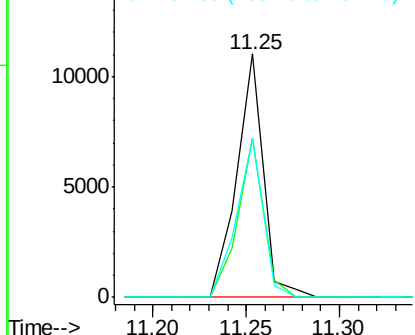
#69
 Pentachlorophenol
 Concen: 41.87 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion: 266 Resp: 10960
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.6 78.8
 264 65.2 53.4 80.2

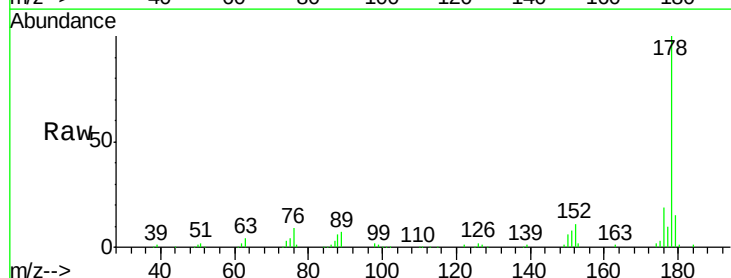


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

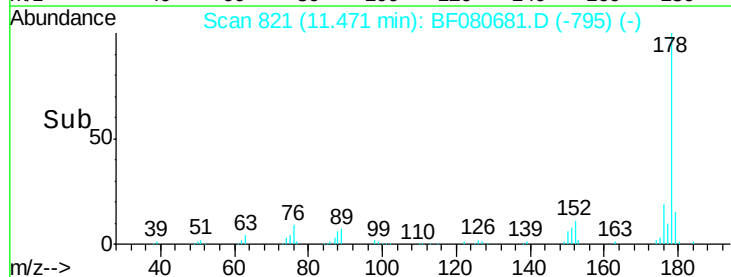
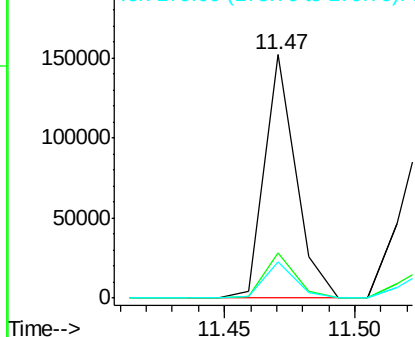


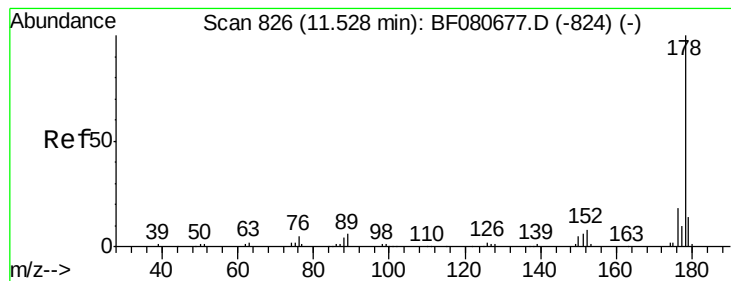
#70
 Phenanthrene
 Concen: 41.50 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion: 178 Resp: 125371
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.6 23.4
 179 15.1 12.3 18.5



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: 40.58 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

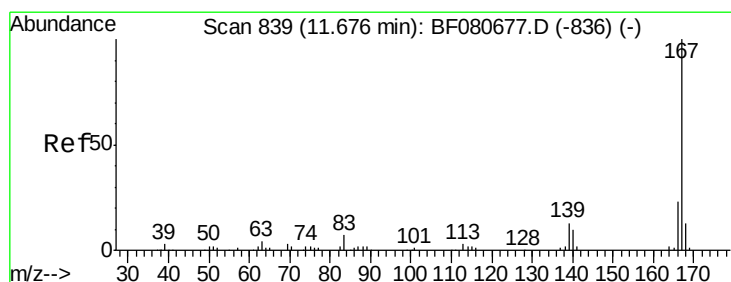
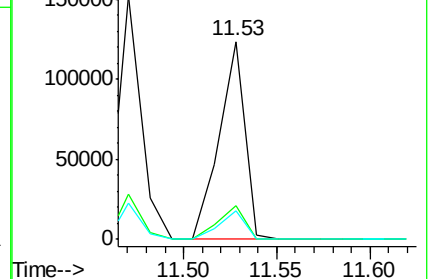
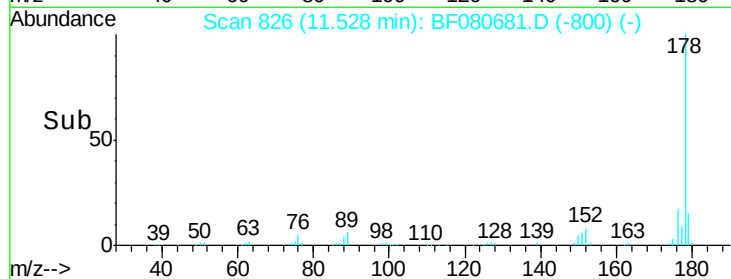
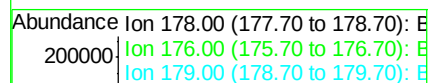
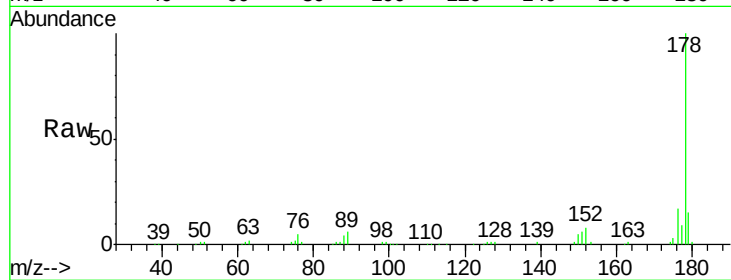
Tgt Ion:178 Resp: 119179

Ion Ratio Lower Upper

178 100

176 17.1 14.3 21.5

179 14.7 10.8 16.2



#72

Carbazole

Concen: 39.73 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

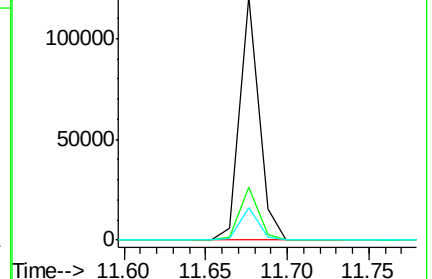
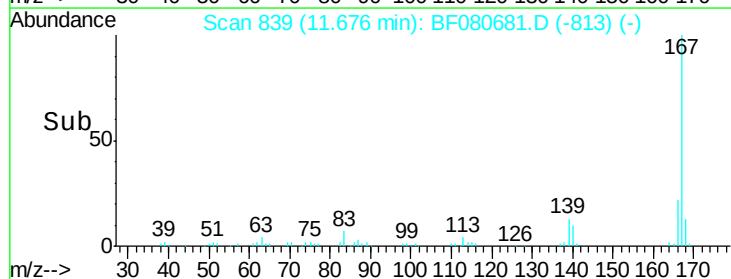
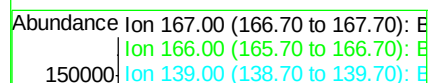
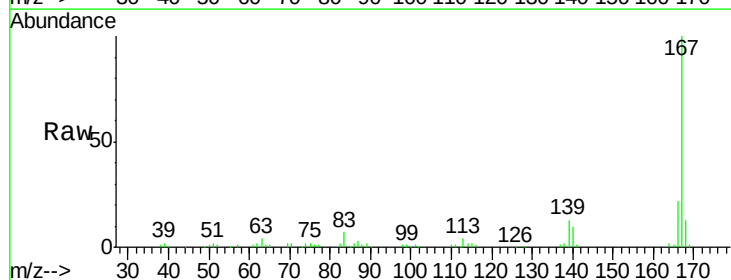
Tgt Ion:167 Resp: 97473

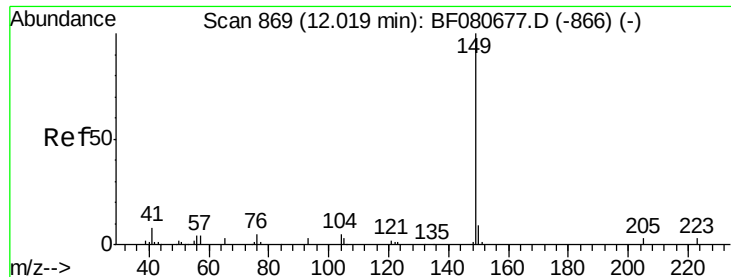
Ion Ratio Lower Upper

167 100

166 21.7 18.1 27.1

139 13.1 10.1 15.1





#73

Di-n-butylphthalate

Concen: 45.87 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

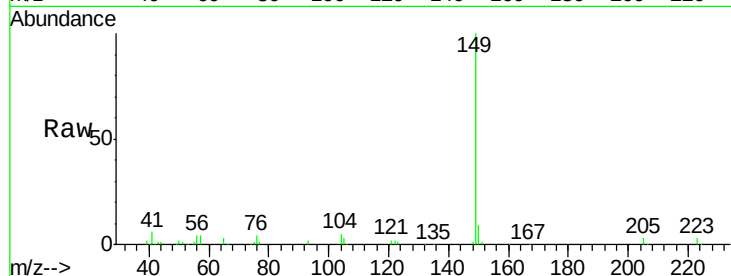
Tgt Ion:149 Resp: 114669

Ion Ratio Lower Upper

149 100

150 9.1 6.8 10.2

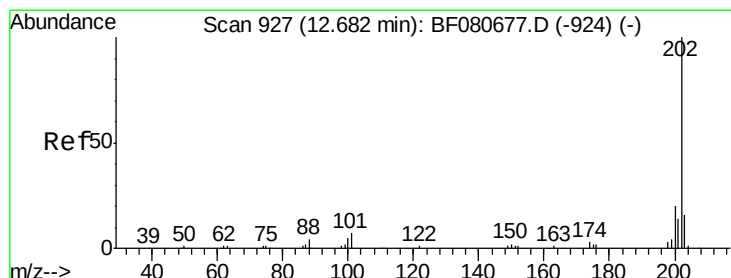
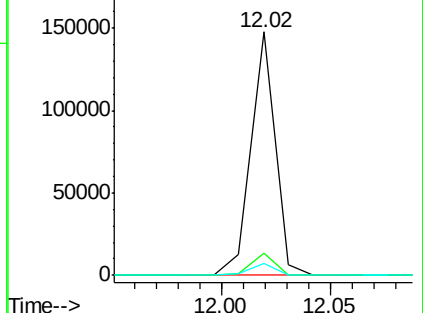
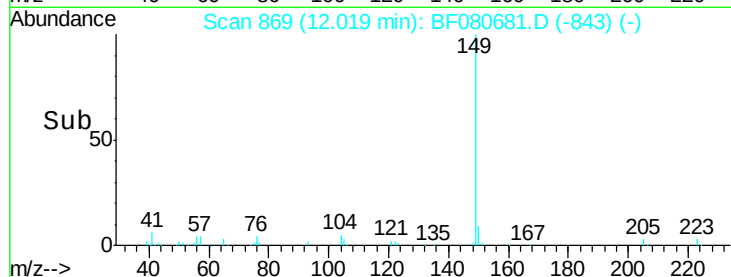
104 4.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.70 ng

RT: 12.68 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

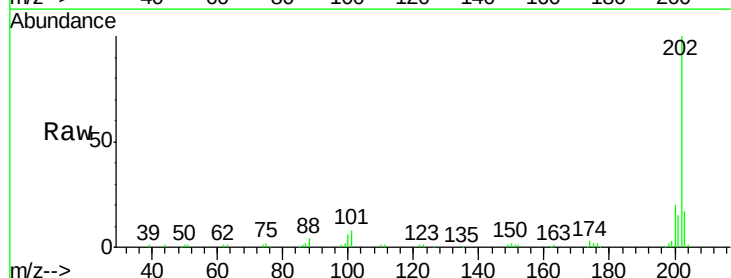
Tgt Ion:202 Resp: 101175

Ion Ratio Lower Upper

202 100

101 8.2 0.0 27.3

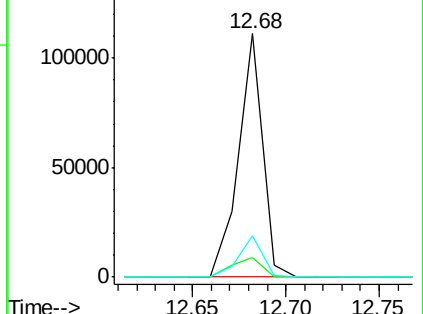
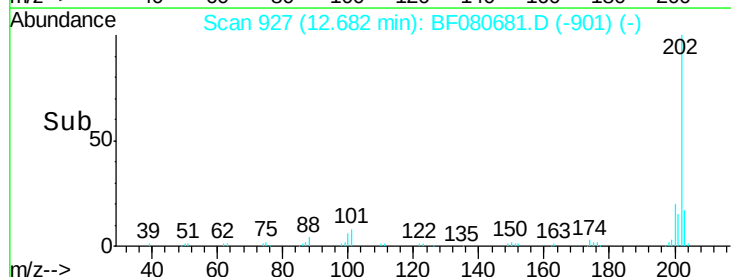
203 17.0 0.0 36.0

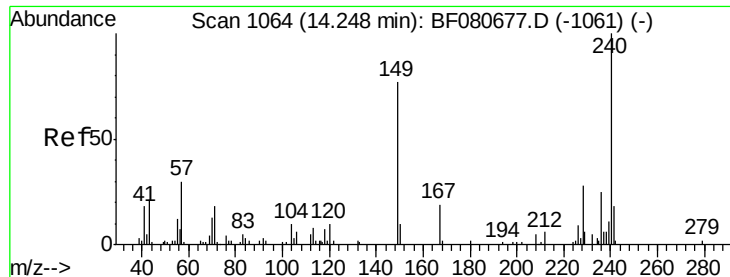


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.25 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715

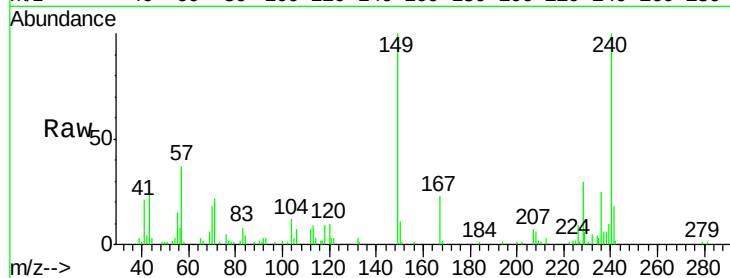
Tgt Ion:240 Resp: 31468

Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

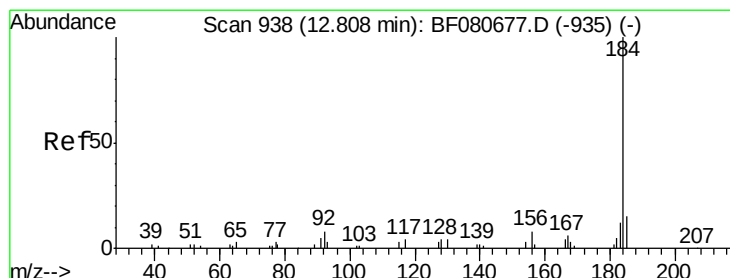
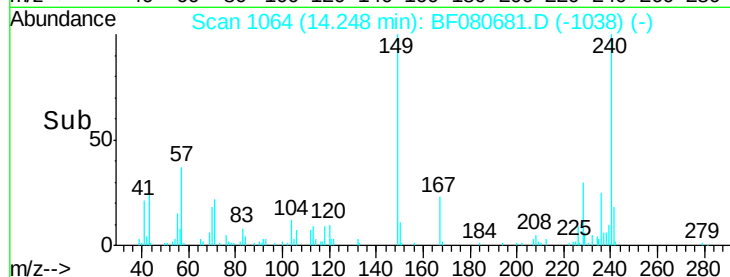
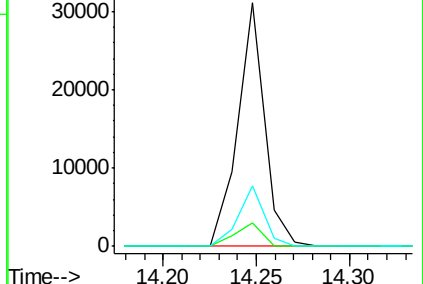
236 25.1 20.0 30.0



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: 40.52 ng

RT: 12.81 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF080681.D

Acq: 27 Jul 2015 19:39

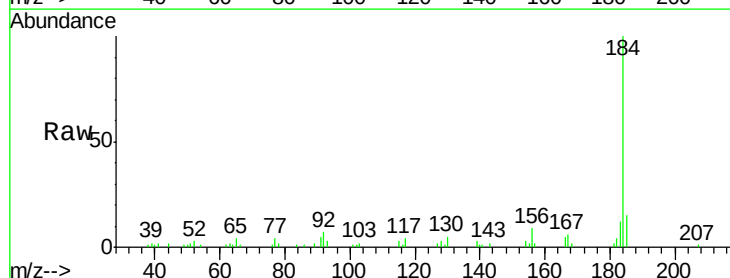
Tgt Ion:184 Resp: 35134

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.6

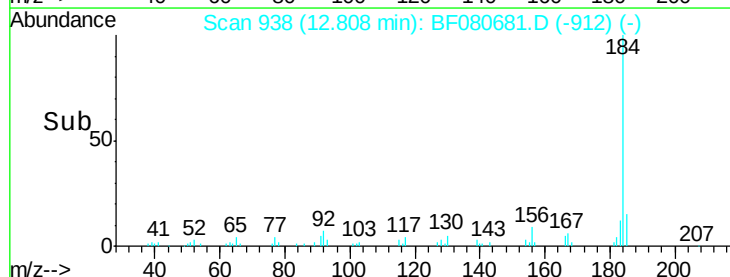
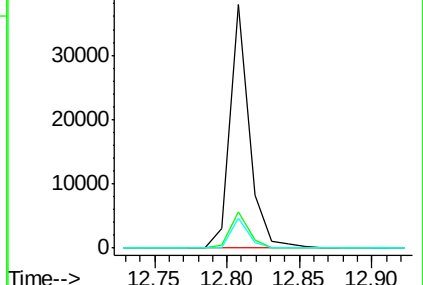
183 12.2 9.7 14.5

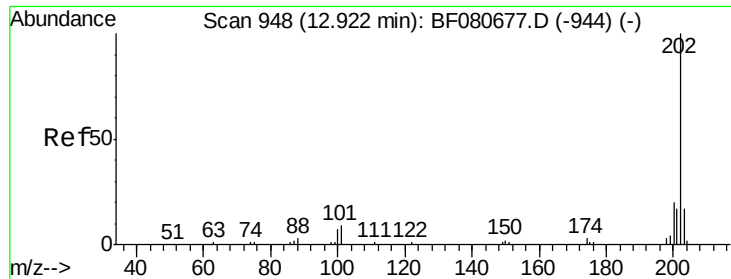


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

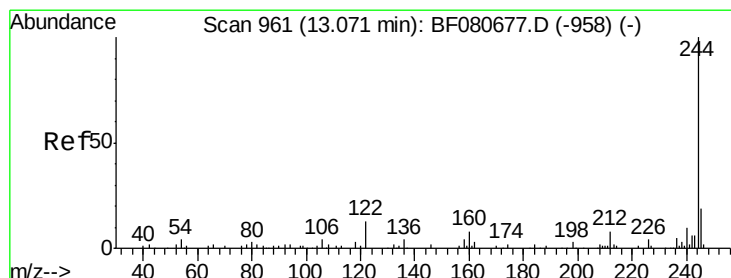
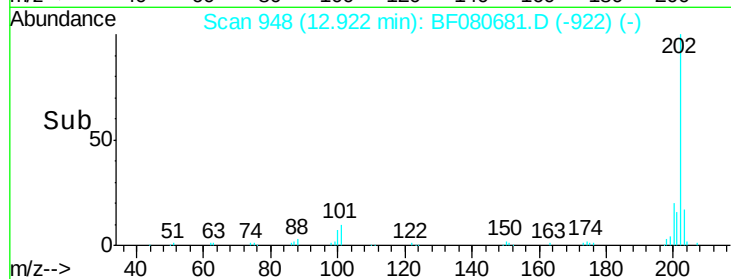
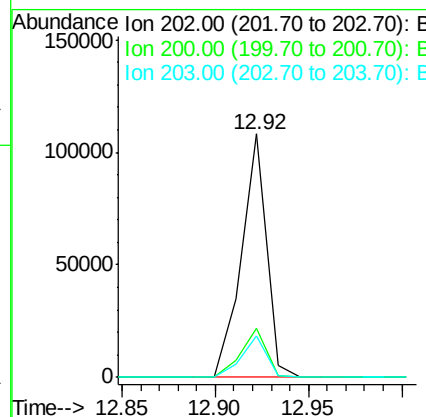
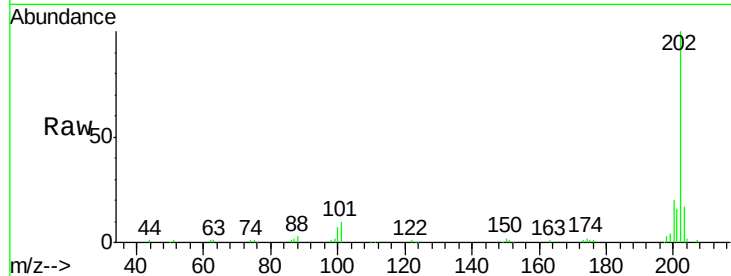




#77
 Pyrene
 Concen: 38.64 ng
 RT: 12.92 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

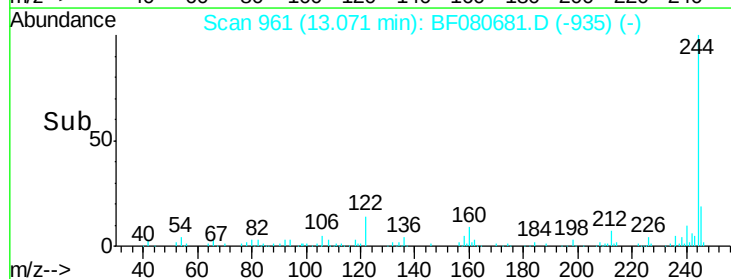
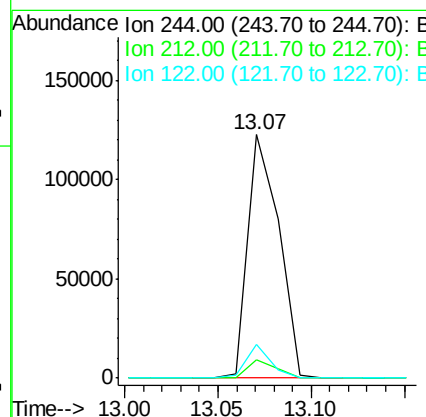
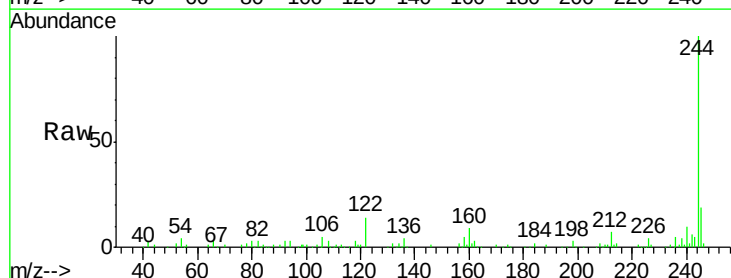
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

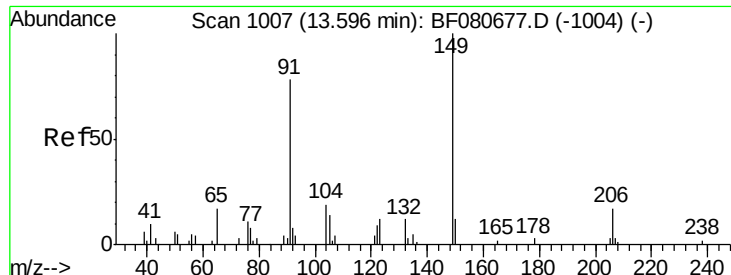
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.3	24.5
203	16.9	13.4	20.2



#78
 Terphenyl-d14
 Concen: 76.99 ng
 RT: 13.07 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.9	10.2	15.2

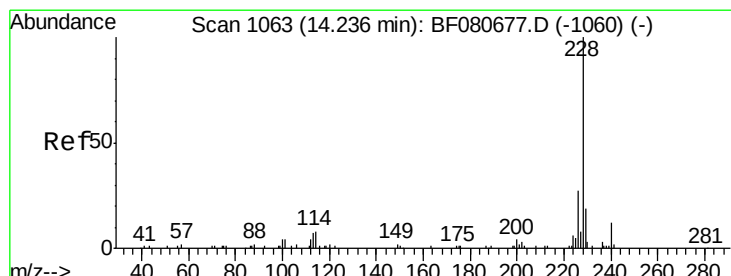
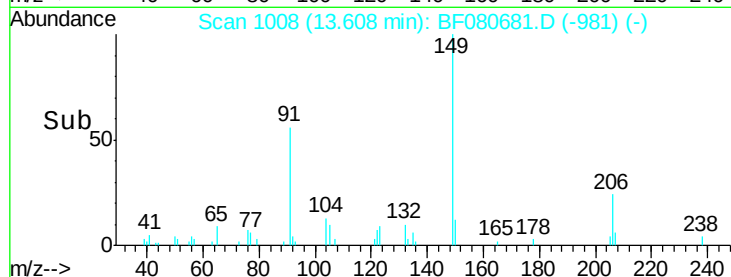
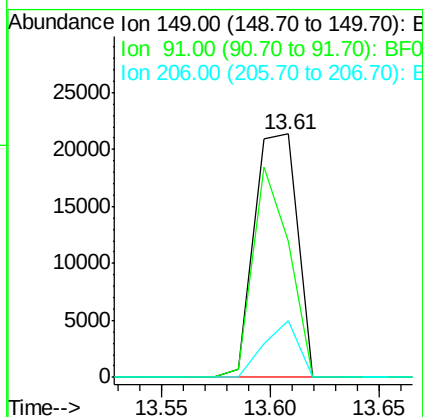
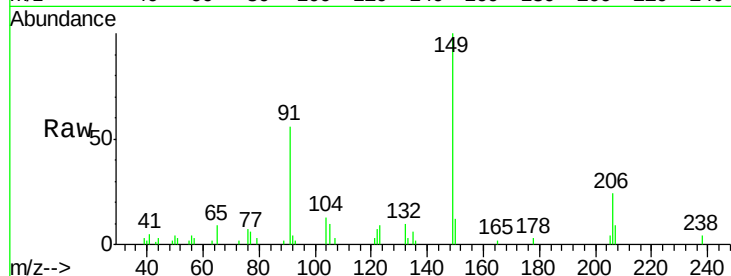




#79
Butylbenzylphthalate
Concen: 38.59 ng
RT: 13.61 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

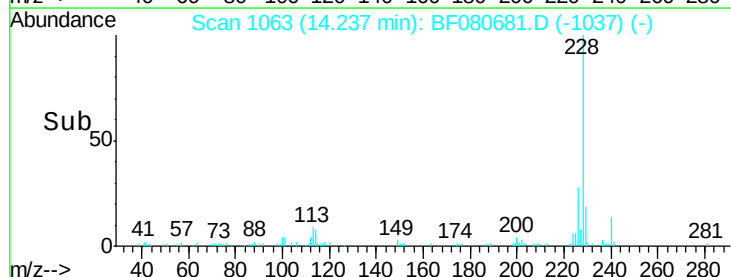
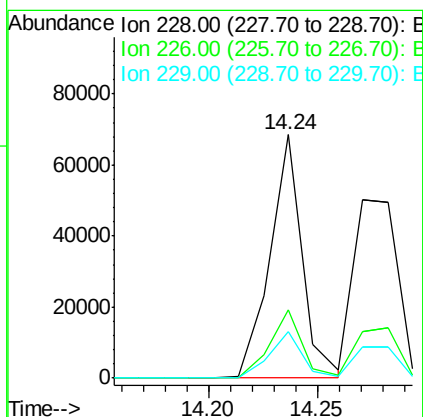
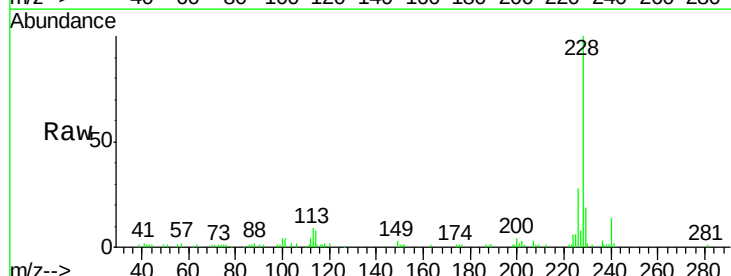
Instrument :
BNA_F
ClientSampleId :
ICVBF072715

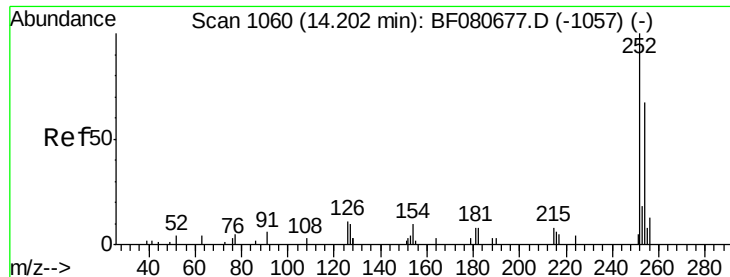
Tgt Ion:149 Resp: 29461
Ion Ratio Lower Upper
149 100
91 55.8 62.6 93.8#
206 23.5 13.3 19.9#



#80
Benzo(a)anthracene
Concen: 39.09 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:228 Resp: 71249
Ion Ratio Lower Upper
228 100
226 27.9 21.8 32.6
229 18.9 14.9 22.3

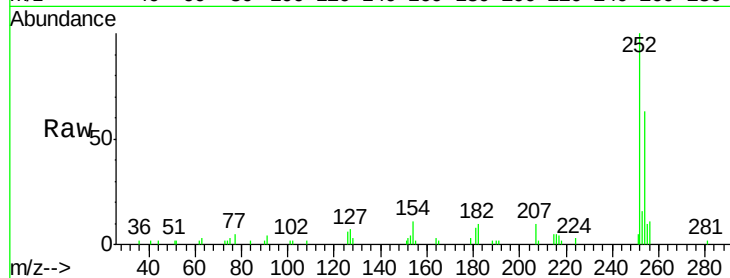




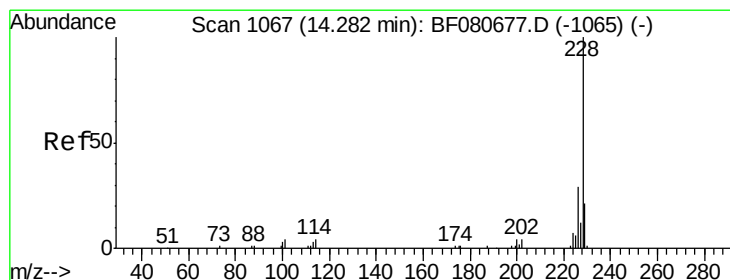
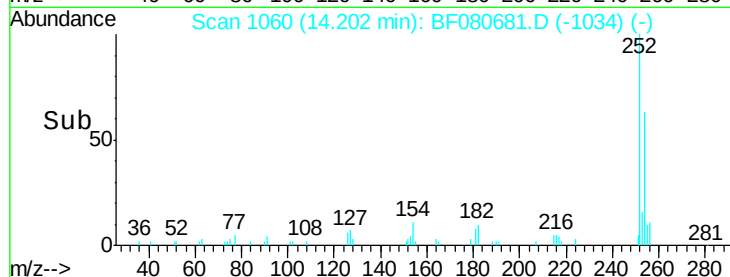
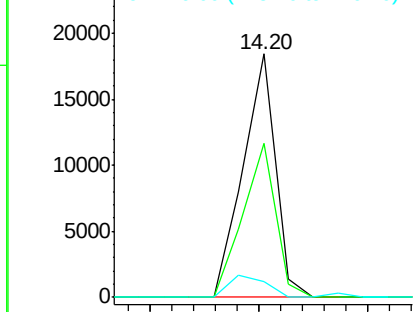
#81
 3,3'-Dichlorobenzidine
 Concen: 40.05 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

Tgt Ion: 252 Resp: 19101
 Ion Ratio Lower Upper
 252 100
 254 63.2 53.8 80.8
 126 6.3 9.0 13.4#

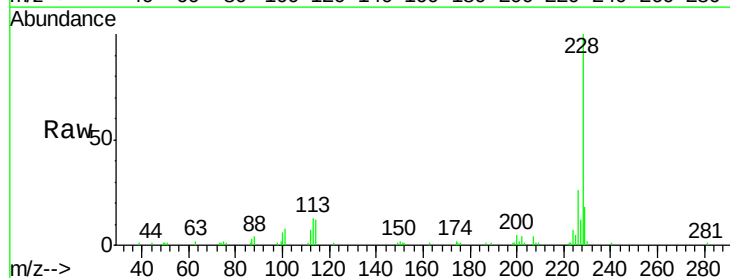


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

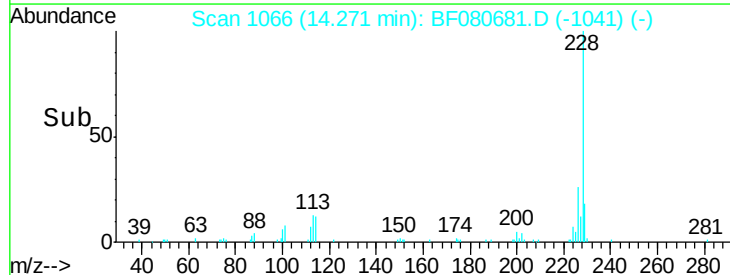
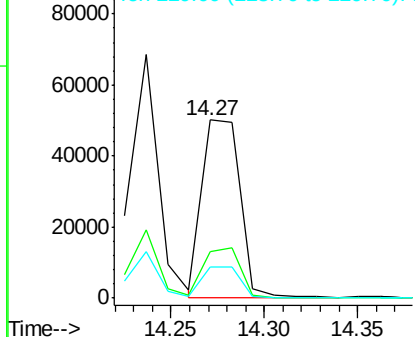


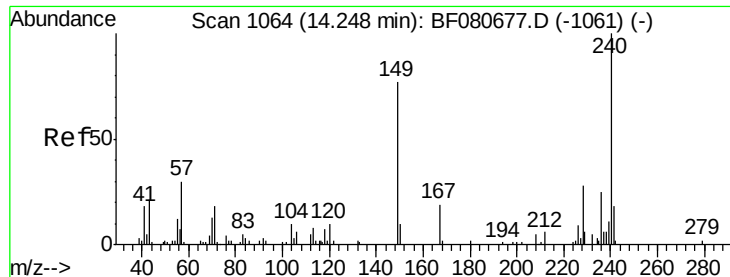
#82
 Chrysene
 Concen: 39.18 ng
 RT: 14.27 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion: 228 Resp: 71241
 Ion Ratio Lower Upper
 228 100
 226 26.4 23.0 34.4
 229 17.8 17.1 25.7



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

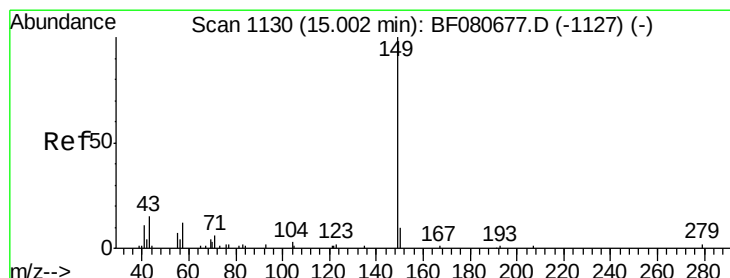
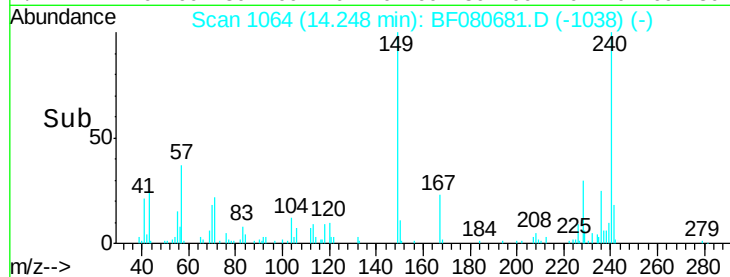
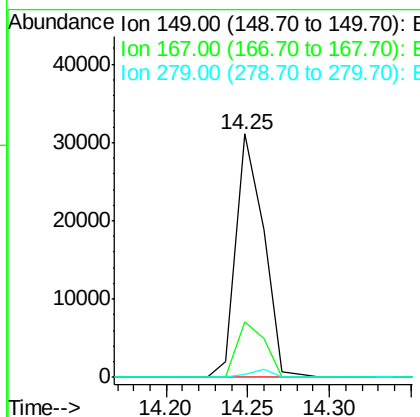
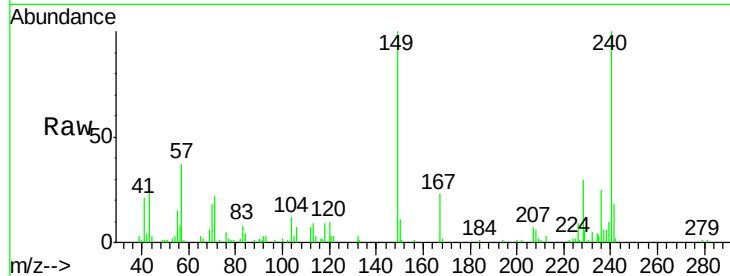




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.86 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

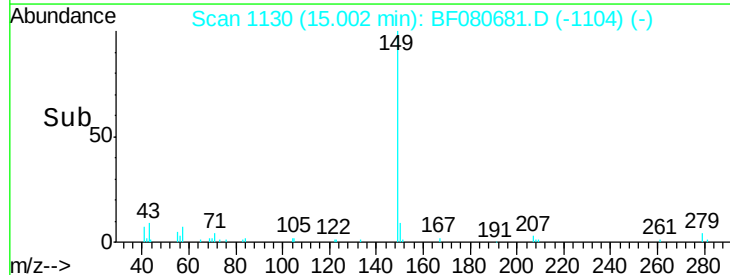
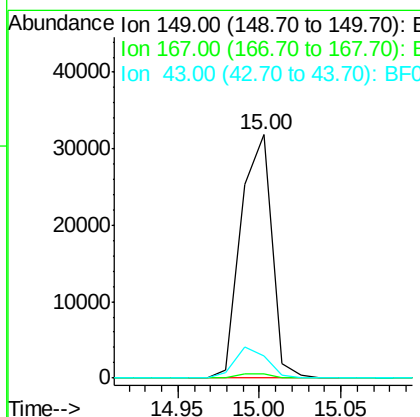
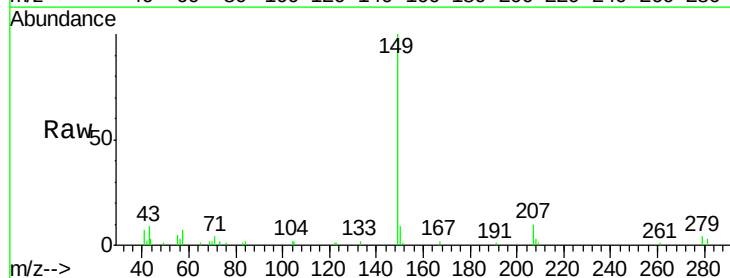
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

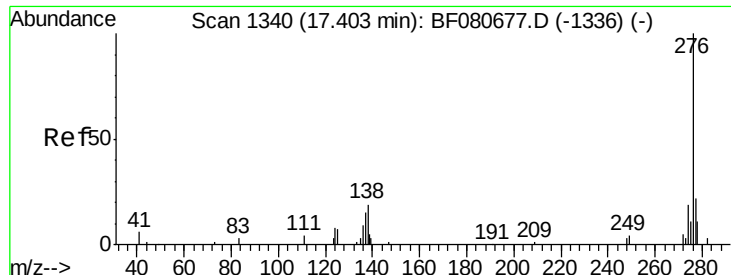
Tgt Ion:149 Resp: 36351
 Ion Ratio Lower Upper
 149 100
 167 22.9 20.0 30.0
 279 1.4 2.1 3.1#



#84
 Di-n-octyl phthalate
 Concen: 36.92 ng
 RT: 15.00 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion:149 Resp: 41483
 Ion Ratio Lower Upper
 149 100
 167 1.9 0.6 1.0#
 43 13.1 11.6 17.4

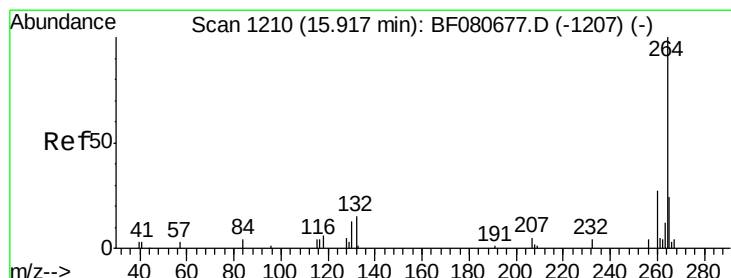
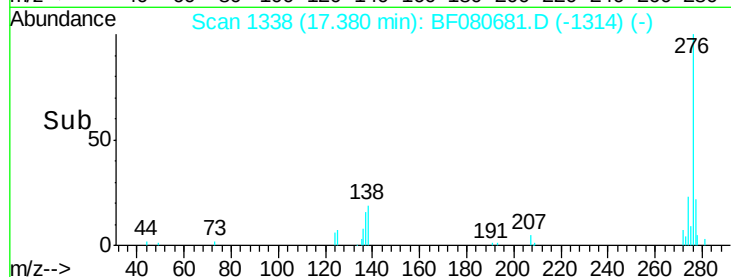
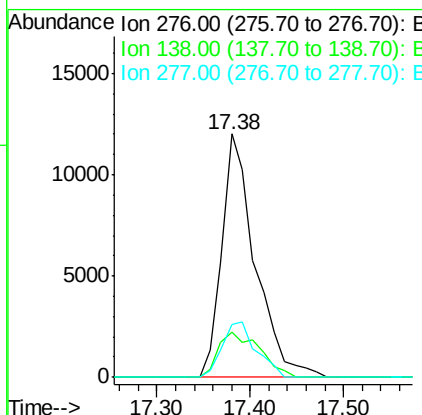
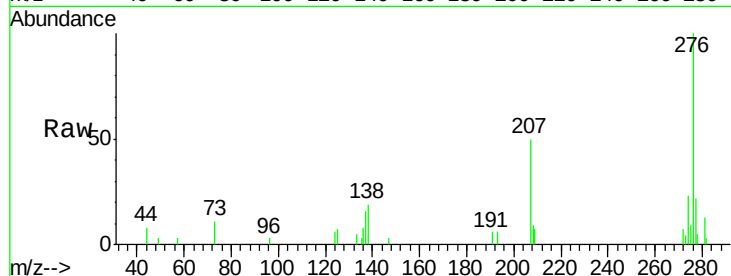




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.04 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. -0.02 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

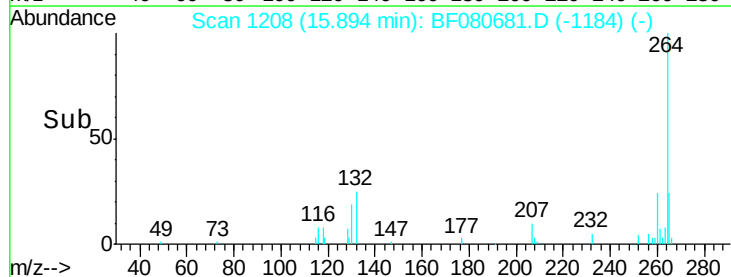
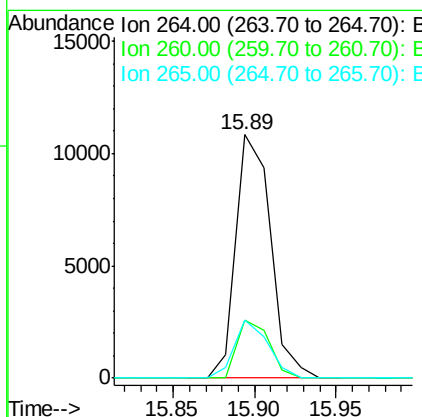
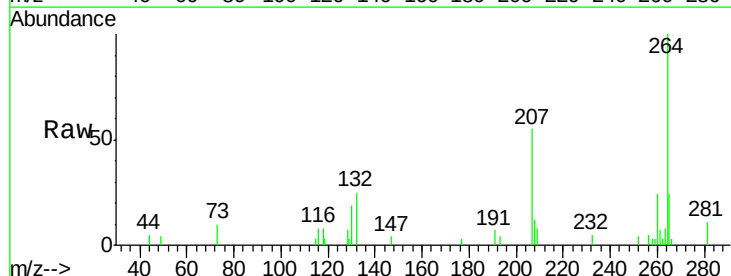
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072715

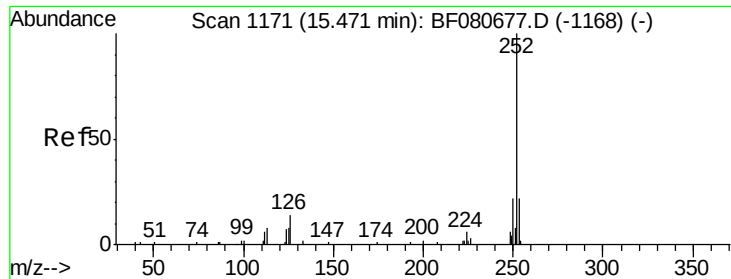
Tgt Ion: 276 Resp: 29935
 Ion Ratio Lower Upper
 276 100
 138 22.9 19.7 29.5
 277 23.0 18.2 27.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.89 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF080681.D
 Acq: 27 Jul 2015 19:39

Tgt Ion: 264 Resp: 15953
 Ion Ratio Lower Upper
 264 100
 260 23.7 21.6 32.4
 265 23.8 19.3 28.9

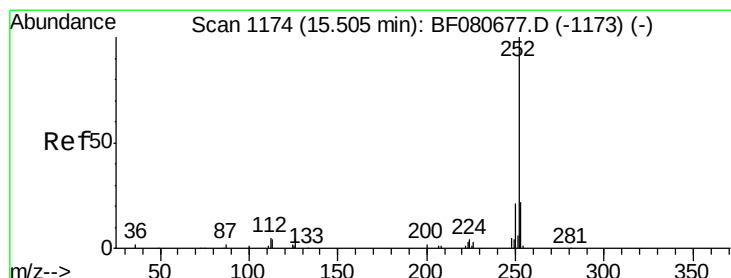
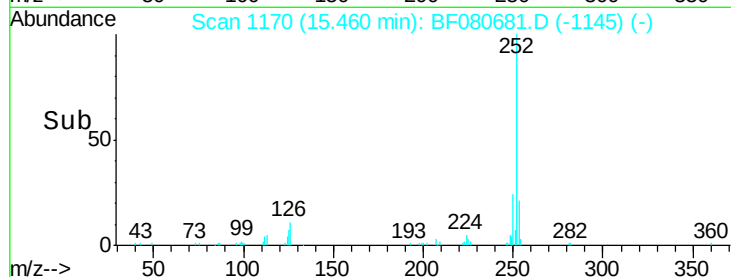
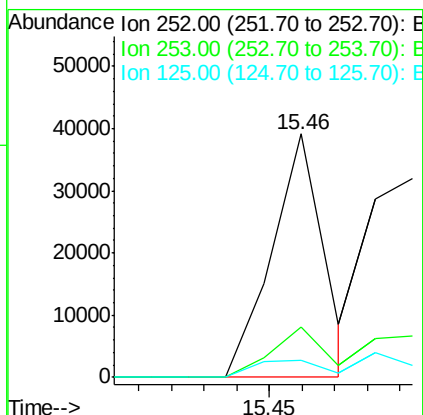
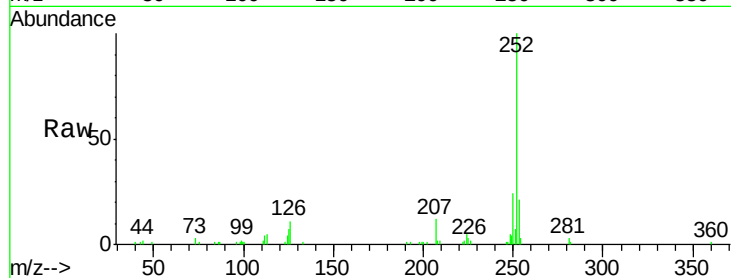




#87
Benzo(b)fluoranthene
Concen: 36.96 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

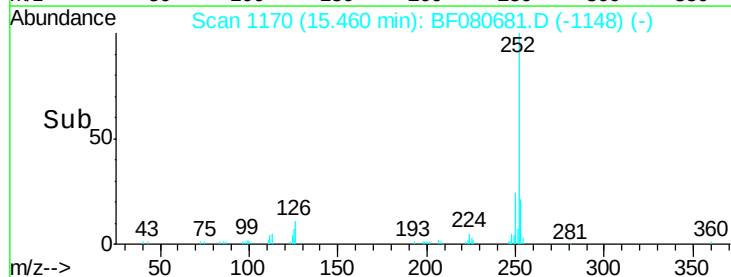
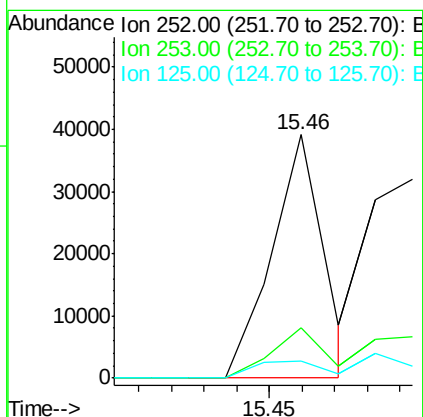
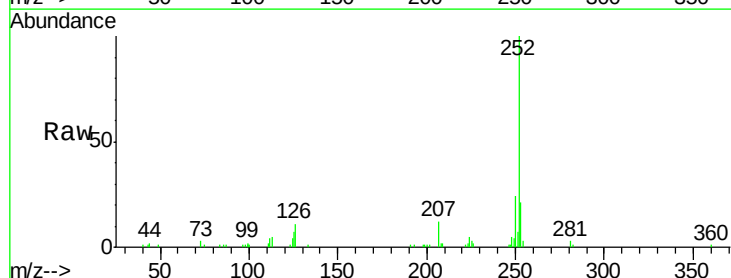
Instrument :
BNA_F
ClientSampleId :
ICVBF072715

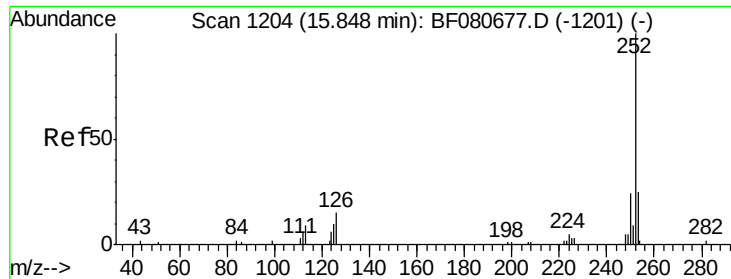
Tgt Ion:252 Resp: 42935
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.8
125 7.1 6.7 10.1



#88
Benzo(k)fluoranthene
Concen: 40.31 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion:252 Resp: 42935
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.6
125 7.1 6.7 10.1

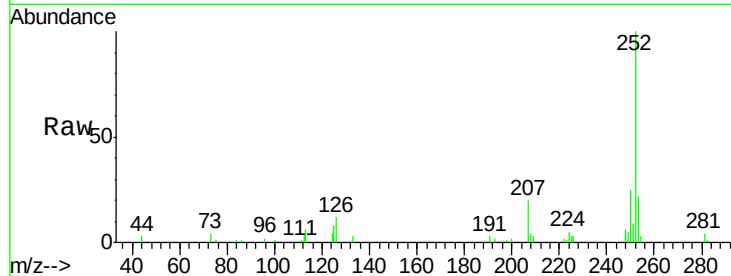




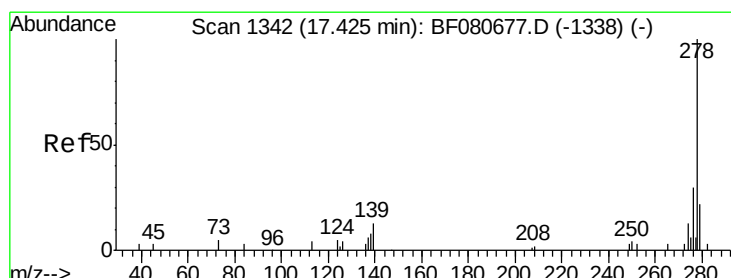
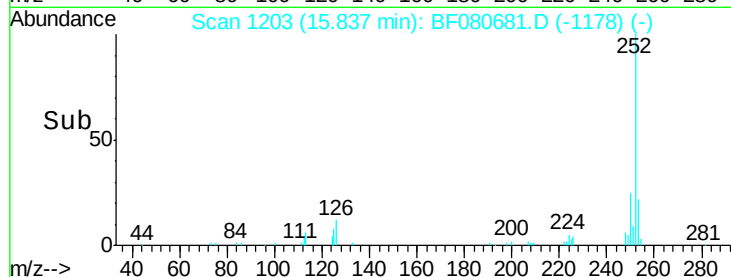
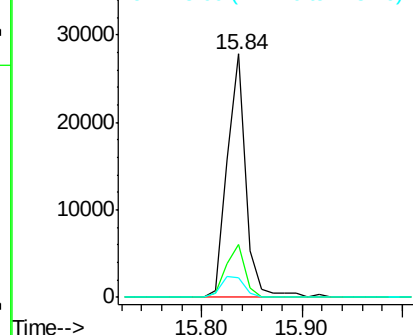
#89
Benzo(a)pyrene
Concen: 40.47 ng
RT: 15.84 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Instrument :
BNA_F
ClientSampleId :
ICVBF072715

Tgt Ion: 252 Resp: 35926
Ion Ratio Lower Upper
252 100
253 21.8 20.2 30.2
125 8.2 8.4 12.6#

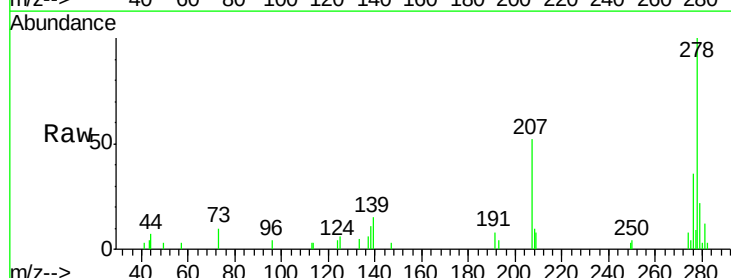


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

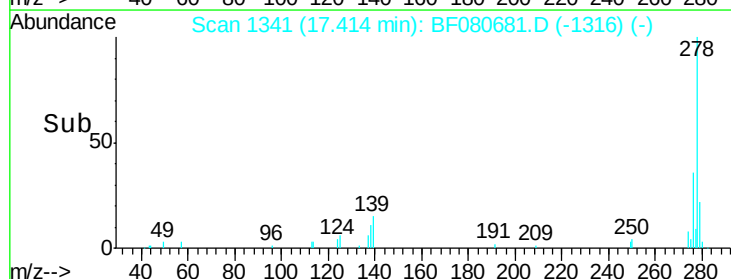
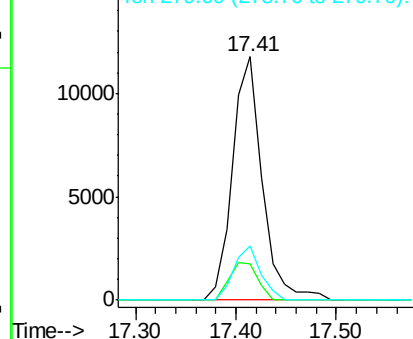


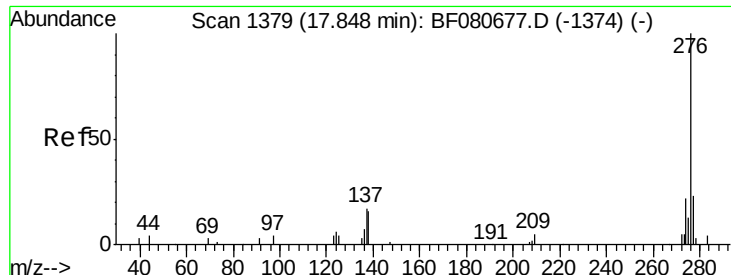
#90
Dibenzo(a,h)anthracene
Concen: 39.75 ng
RT: 17.41 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF080681.D
Acq: 27 Jul 2015 19:39

Tgt Ion: 278 Resp: 24262
Ion Ratio Lower Upper
278 100
139 15.2 10.3 15.5
279 22.3 17.4 26.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.13 ng

RT: 17.83 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF080681.D

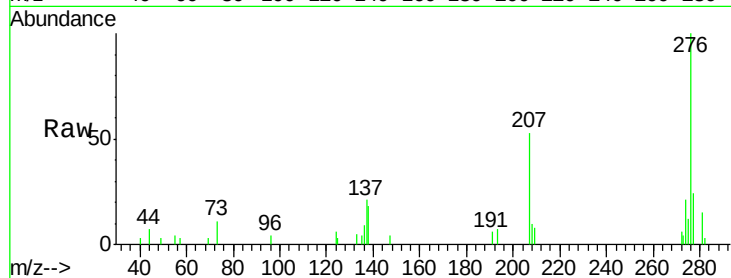
Acq: 27 Jul 2015 19:39

Instrument :

BNA_F

ClientSampleId :

ICVBF072715



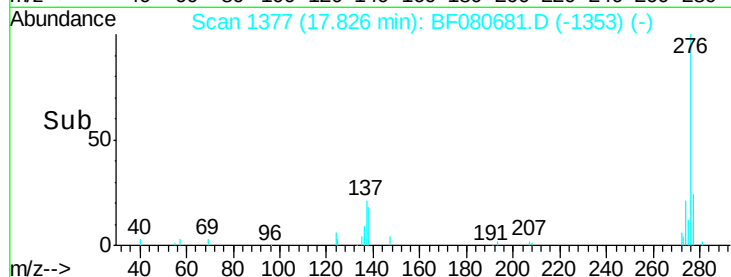
Tgt Ion: 276 Resp: 23151

Ion Ratio Lower Upper

276 100

277 23.5 18.7 28.1

138 18.2 12.7 19.1



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

