

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081522.D
 Acq On : 8 Sep 2015 15:00
 Operator : UM/IZ
 Sample : PB85436BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 18:23:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 16:11:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	55234	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	210008	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	104344	20.00	ng	0.00
63) Phenanthrene-d10	10.85	188	218828	20.00	ng	0.00
75) Chrysene-d12	13.45	240	179919	20.00	ng	0.00
86) Perylene-d12	14.75	264	114846	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	383854	107.82	ng	0.02
7) Phenol-d6	6.02	99	504024	106.96	ng	0.00
23) Nitrobenzene-d5	6.92	82	322356	74.06	ng	0.00
41) 2,4,6-Tribromophenol	10.17	330	118361	127.40	ng	0.01
44) 2-Fluorobiphenyl	8.72	172	532722	65.43	ng	0.00
78) Terphenyl-d14	12.42	244	516967	66.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	41264	25.81	ng	# 81
3) Pyridine	2.28	79	113243	25.68	ng	# 85
4) n-Nitrosodimethylamine	2.25	42	90263	36.85	ng	# 68
6) Aniline	6.01	93	164837	24.77	ng	# 79
8) 2-Chlorophenol	6.14	128	145653	37.13	ng	# 91
9) Benzaldehyde	5.88	77	17200	5.83	ng	# 81
10) Phenol	6.03	94	172106	31.49	ng	# 43
11) bis(2-Chloroethyl)ether	6.10	93	144037	36.53	ng	# 89
12) 1,3-Dichlorobenzene	6.28	146	146221	34.89	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	153723	36.02	ng	# 90
14) 1,2-Dichlorobenzene	6.51	146	129376	33.67	ng	# 86
15) Benzyl Alcohol	6.51	79	135294	35.00	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	293931	38.89	ng	# 1
17) 2-Methylphenol	6.65	107	121107	38.69	ng	# 74
18) Hexachloroethane	6.86	117	59823	36.03	ng	# 90
19) n-Nitroso-di-n-propylamine	6.79	70	113423	35.37	ng	# 90
20) 3+4-Methylphenols	6.81	107	153053	36.27	ng	# 88
22) Acetophenone	6.78	105	216206	37.69	ng	# 75
24) Nitrobenzene	6.95	77	184198	40.75	ng	# 65
25) Isophorone	7.20	82	297937	36.80	ng	# 87
26) 2-Nitrophenol	7.27	139	76972	39.07	ng	# 52
27) 2,4-Dimethylphenol	7.34	122	127854	37.57	ng	# 83
28) bis(2-Chloroethoxy)methane	7.42	93	167061	35.72	ng	# 91
29) 2,4-Dichlorophenol	7.52	162	114823	38.91	ng	# 96
30) 1,2,4-Trichlorobenzene	7.59	180	123865	38.64	ng	# 98
31) Naphthalene	7.66	128	375238	33.50	ng	# 98
32) Benzoic acid	7.48	122	56111	24.42	ng	# 55
33) 4-Chloroaniline	7.72	127	110919	24.28	ng	# 82
34) Hexachlorobutadiene	7.78	225	71711	36.76	ng	# 97
35) Caprolactam	8.10	113	21861	24.16	ng	# 25
36) 4-Chloro-3-methylphenol	8.24	107	143717	43.51	ng	# 80
37) 2-Methylnaphthalene	8.35	142	285661	39.19	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	114729	34.77	ng	# 98
40) Hexachlorocyclopentadiene	8.50	237	109624	67.69	ng	# 97

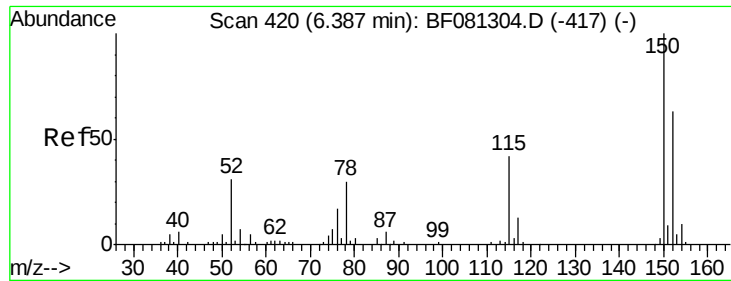
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	76723	33.69	nq	96
43) 2,4,5-Trichlorophenol	8.70	196	79596	34.26	nq #	92
45) 1,1'-Biphenyl	8.82	154	337185	35.12	nq	95
46) 2-Chloronaphthalene	8.83	162	243524	35.13	nq #	88
47) 2-Nitroaniline	8.95	65	111081	39.31	nq #	72
48) Acenaphthylene	9.24	152	424101	34.48	nq	97
49) Dimethylphthalate	9.14	163	305746	37.71	nq #	96
50) 2,6-Dinitrotoluene	9.20	165	57353	31.17	nq	93
51) Acenaphthene	9.42	154	250502	35.80	nq	91
52) 3-Nitroaniline	9.36	138	57303	27.36	nq #	77
53) 2,4-Dinitrophenol	9.47	184	64390	83.08	nq #	65
54) Dibenzofuran	9.59	168	388577	38.04	nq #	89
55) 4-Nitrophenol	9.59	139	251516	191.12	nq #	32
56) 2,4-Dinitrotoluene	9.60	165	81474	34.78	nq #	90
57) Fluorene	9.92	166	271625	35.04	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.71	232	71291	40.19	nq	91
59) Diethylphthalate	9.83	149	292004	34.24	nq	94
60) 4-Chlorophenyl-phenylether	9.93	204	139617	38.64	nq	94
61) 4-Nitroaniline	9.96	138	64556	30.50	nq #	21
62) Azobenzene	10.08	77	331771	34.99	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.00	198	43953	35.91	nq	92
65) n-Nitrosodiphenylamine	10.04	169	239451	30.07	nq	92
66) 4-Bromophenyl-phenylether	10.41	248	80952	36.59	nq #	89
67) Hexachlorobenzene	10.47	284	78127	33.77	nq #	76
68) Atrazine	10.59	200	85990	37.32	nq	82
69) Pentachlorophenol	10.66	266	76986	69.63	nq	99
70) Phenanthrene	10.87	178	432980	35.59	nq	97
71) Anthracene	10.91	178	404468	32.36	nq	99
72) Carbazole	11.09	167	448478	38.24	nq	96
73) Di-n-butylphthalate	11.44	149	536093	38.71	nq #	99
74) Fluoranthene	12.03	202	435498	33.07	nq	91
76) Benzidine	12.18	184	209166	27.08	nq	98
77) Pyrene	12.26	202	486473	36.50	nq	98
79) Butylbenzylphthalate	12.91	149	225678	38.94	nq	91
80) Benzo(a)anthracene	13.44	228	390206	34.06	nq	97
81) 3,3'-Dichlorobenzidine	13.42	252	82451	21.33	nq	96
82) Chrysene	13.47	228	318716	31.03	nq	95
83) Bis(2-ethylhexyl)phthalate	13.47	149	266888	34.89	nq #	88
84) Di-n-octyl phthalate	14.08	149	404863	32.14	nq	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	234718	31.15	nq #	85
87) Benzo(b)fluoranthene	14.46	252	583230	71.13	nq #	86
88) Benzo(k)fluoranthene	14.46	252	583230	85.73	nq #	87
89) Benzo(a)pyrene	14.71	252	253396	36.47	nq #	87
90) Dibenzo(a,h)anthracene	15.84	278	195884	36.49	nq #	79
91) Benzo(g,h,i)perylene	16.14	276	196099	38.27	nq #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

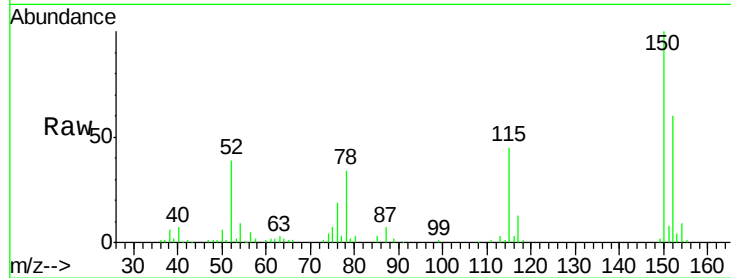
Tot Ion:152 Resp: 55234

Ion Ratio Lower Upper

152 100

150 165.4 124.7 187.1

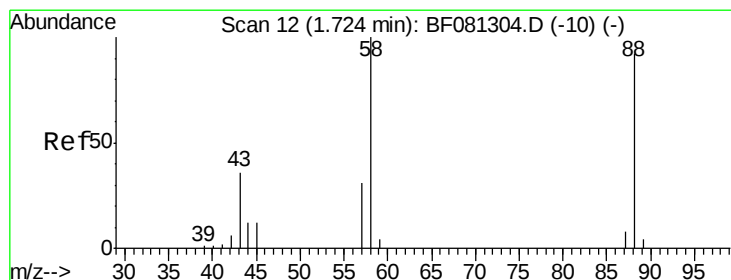
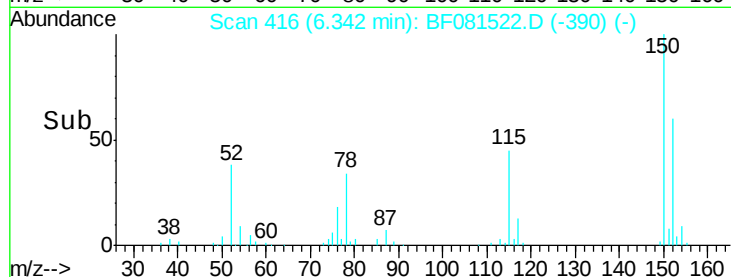
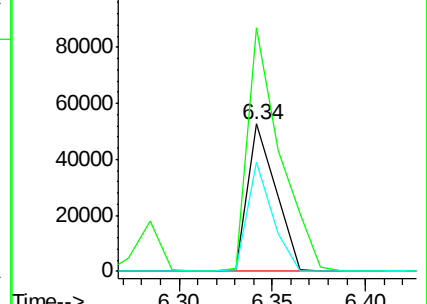
115 73.9 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.81 ng

RT: 1.75 min Scan# 14

Delta R.T. 0.10 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

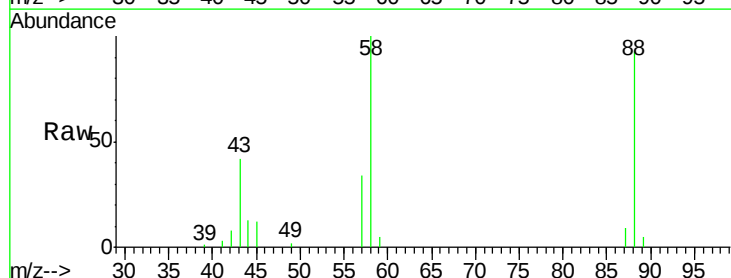
Tgt Ion: 88 Resp: 41264

Ion Ratio Lower Upper

88 100

58 111.7 77.7 116.5

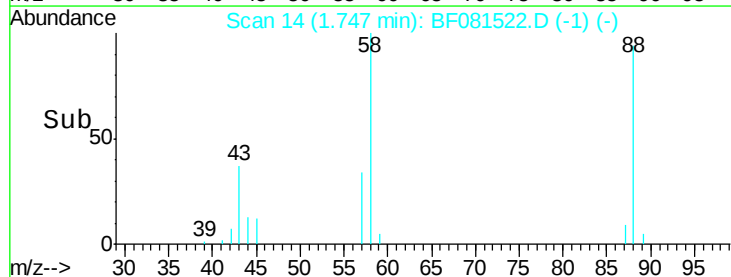
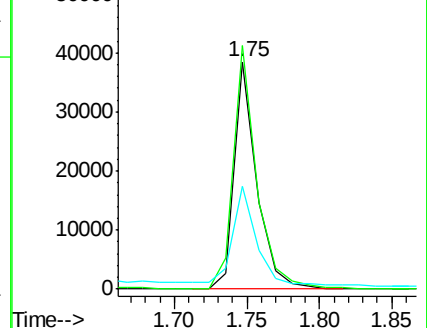
43 51.4 26.6 40.0#

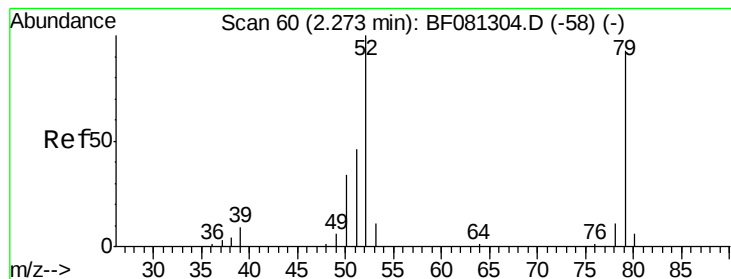


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.68 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.09 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

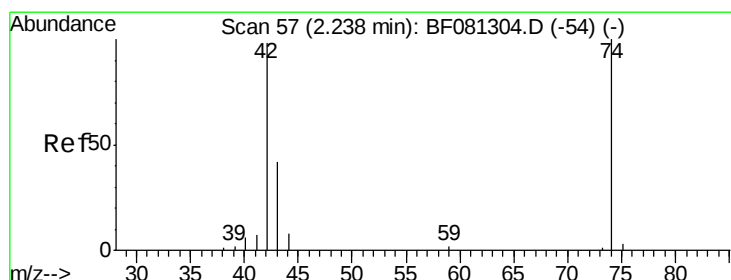
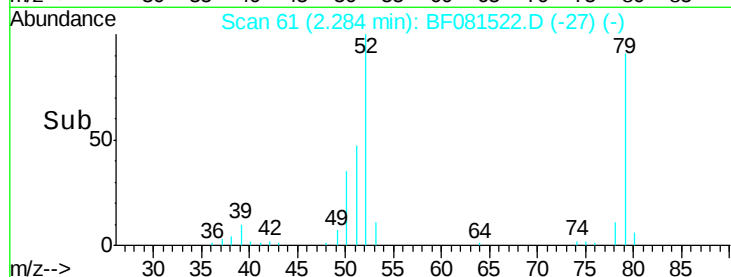
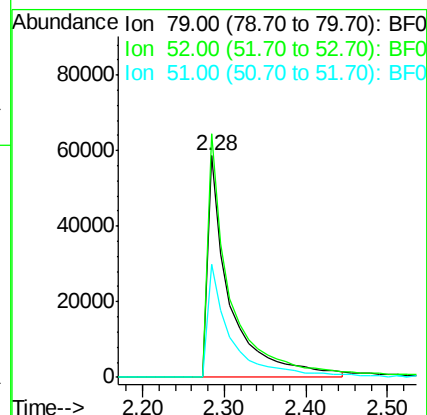
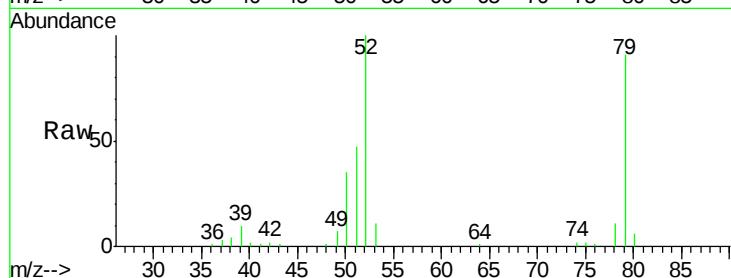
Tot Ion: 79 Resp: 113243

Ion Ratio Lower Upper

79 100

52 109.9 76.8 115.2

51 51.3 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 36.85 ng

RT: 2.25 min Scan# 58

Delta R.T. 0.09 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

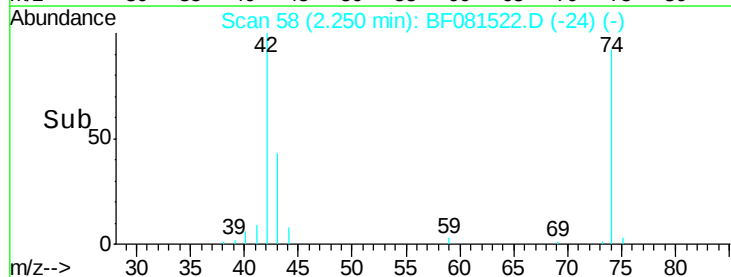
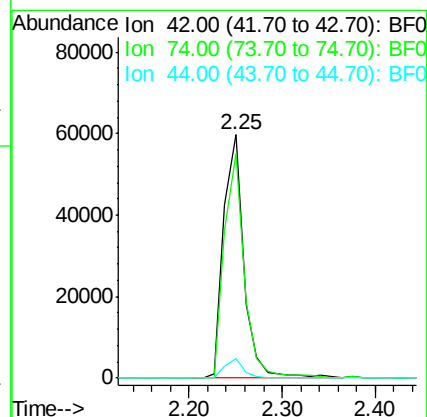
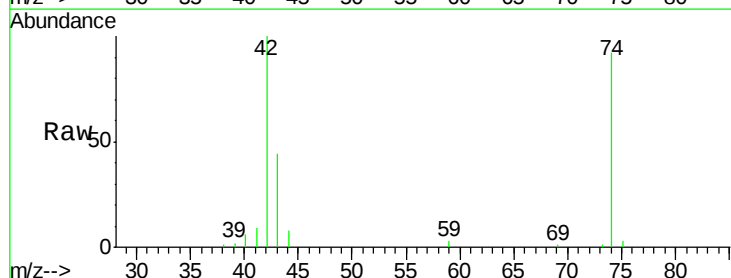
Tgt Ion: 42 Resp: 90263

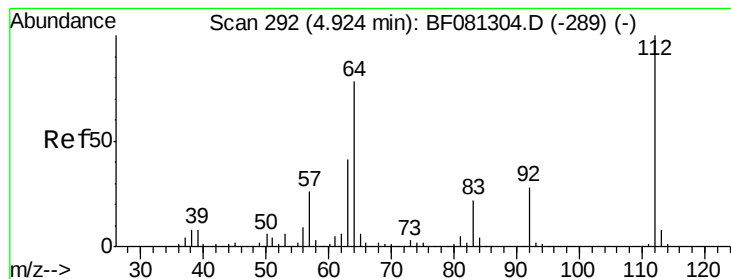
Ion Ratio Lower Upper

42 100

74 92.0 105.0 157.6#

44 7.8 6.6 10.0

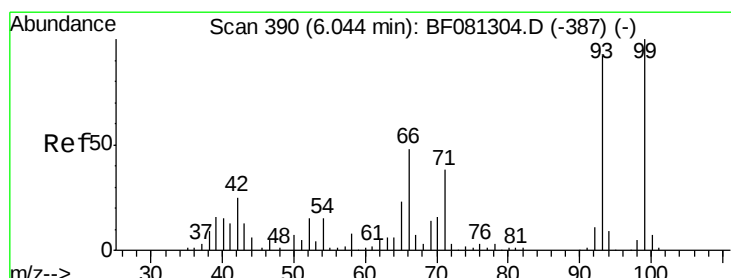
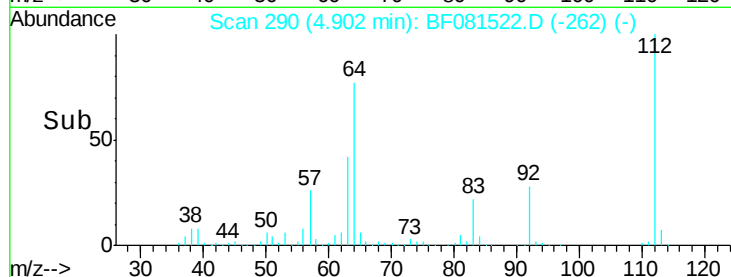
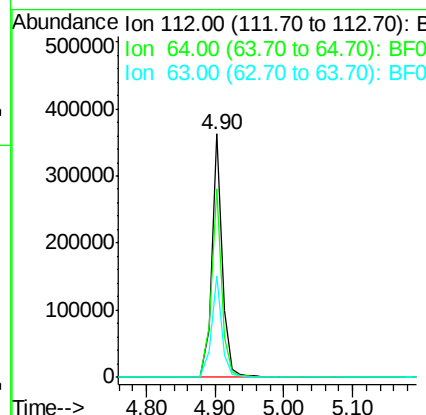
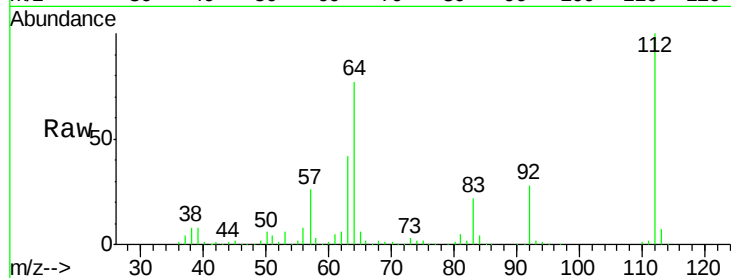




#5
 2-Fluorophenol
 Concen: 107.82 ng
 RT: 4.90 min Scan# 290
 Delta R.T. 0.02 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

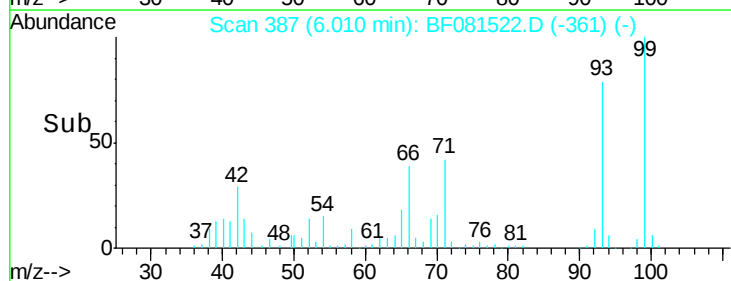
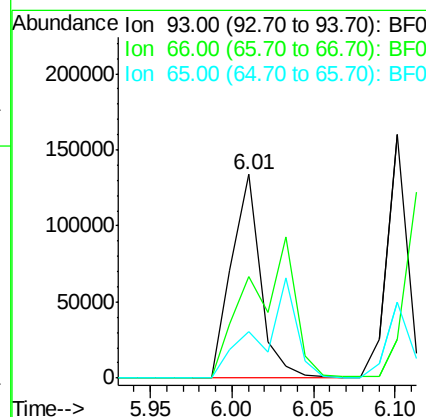
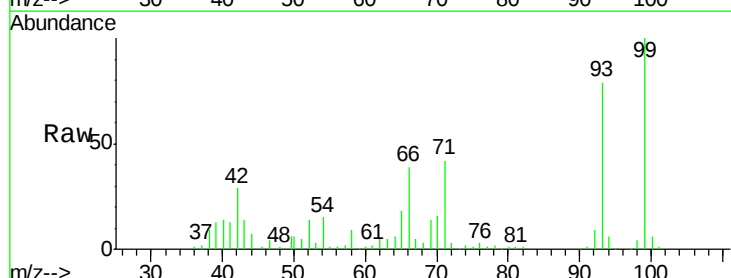
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 383854
 Ion Ratio Lower Upper
 112 100
 64 77.3 39.7 59.5#
 63 41.9 17.4 26.0#



#6
 Aniline
 Concen: 24.77 ng
 RT: 6.01 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion: 93 Resp: 164837
 Ion Ratio Lower Upper
 93 100
 66 49.6 27.2 40.8#
 65 22.8 14.7 22.1#





#7

Phenol-d6

Concen: 106.96 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

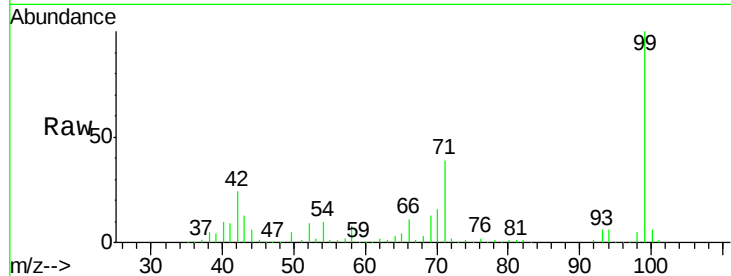
Tot Ion: 99 Resp: 504024

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

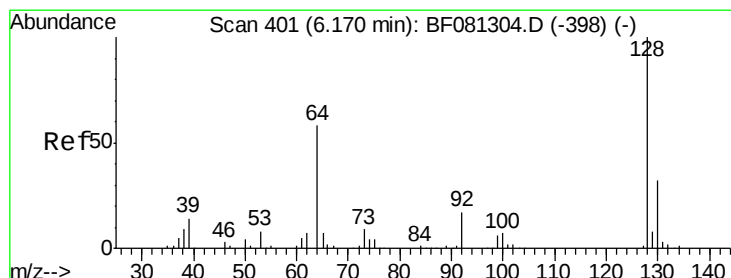
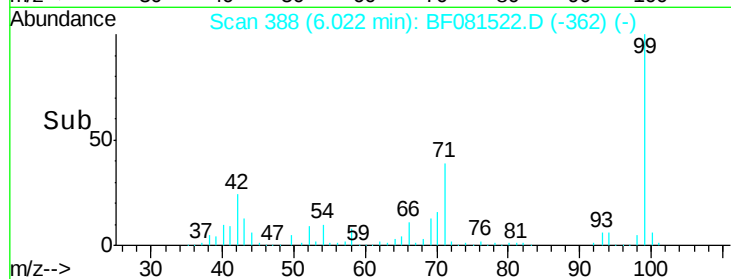
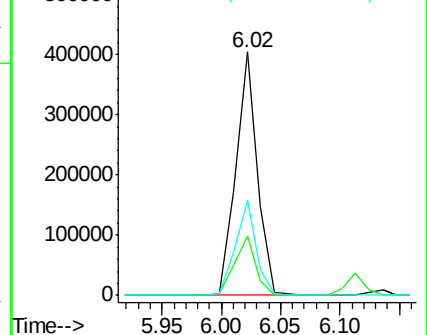
71 39.1 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.13 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

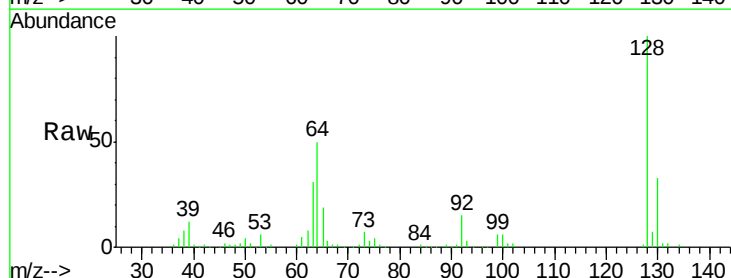
Tgt Ion: 128 Resp: 145653

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

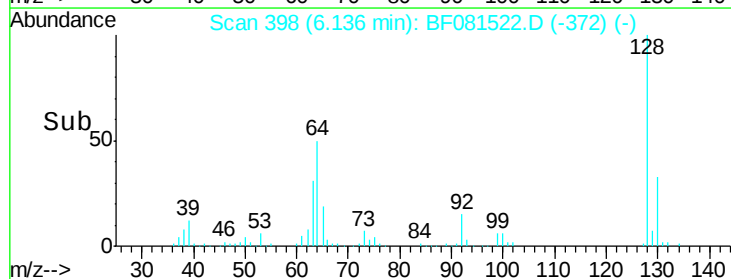
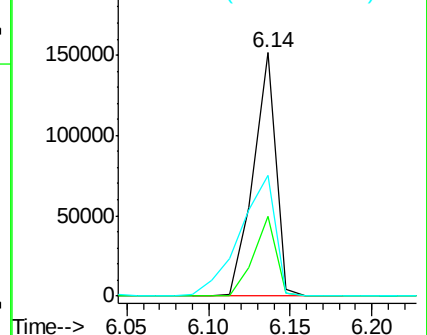
64 49.7 20.5 60.5

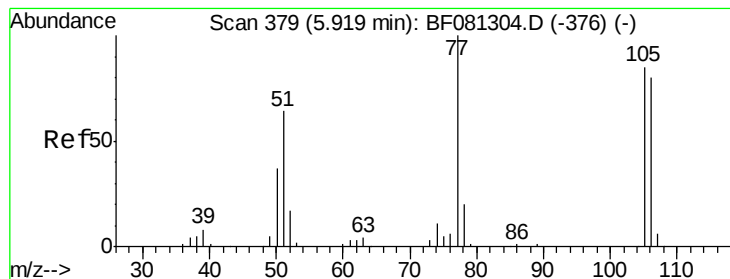


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.83 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

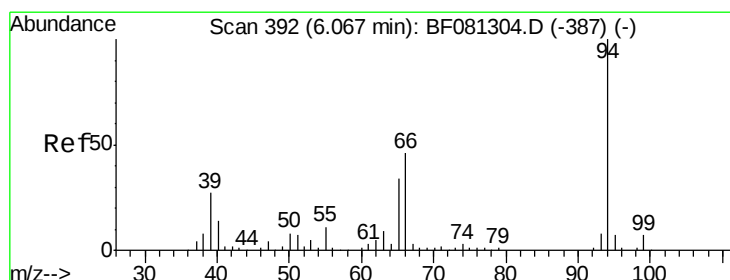
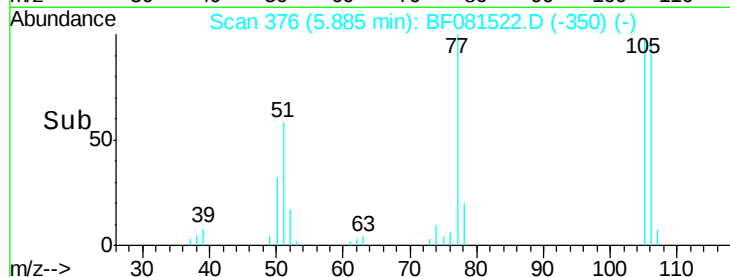
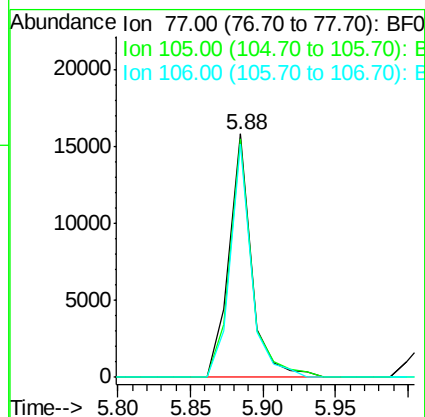
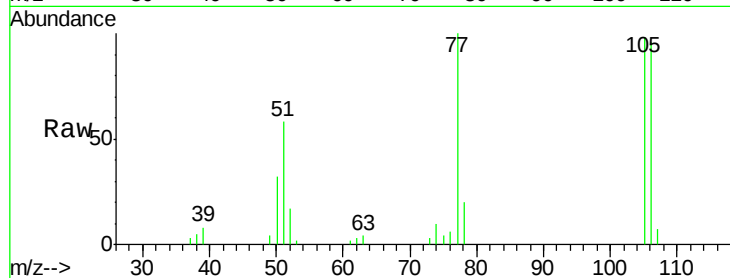
Tot Ion: 77 Resp: 17200

Ion Ratio Lower Upper

77 100

105 98.0 91.6 131.6

106 95.6 102.6 142.6#



#10

Phenol

Concen: 31.49 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

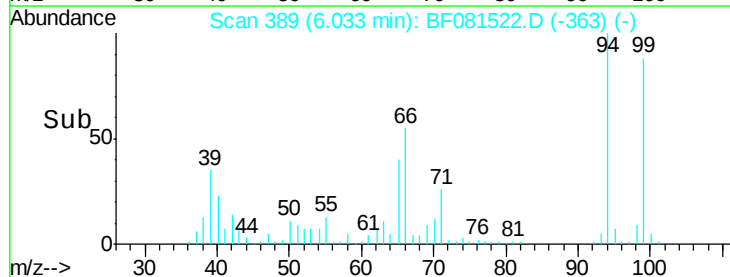
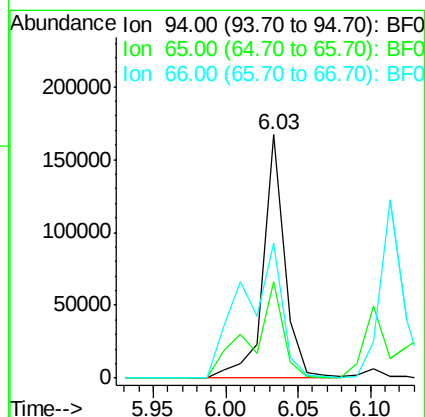
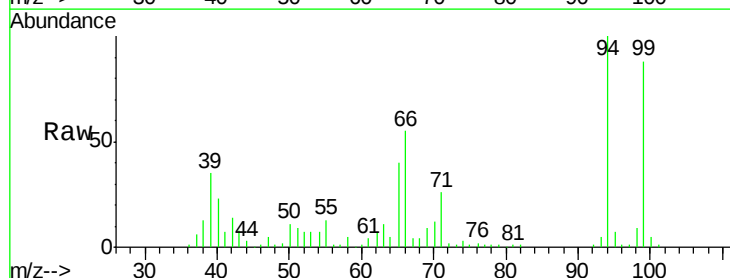
Tgt Ion: 94 Resp: 172106

Ion Ratio Lower Upper

94 100

65 39.7 0.7 40.7

66 55.4 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 36.53 ng

RT: 6.10 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

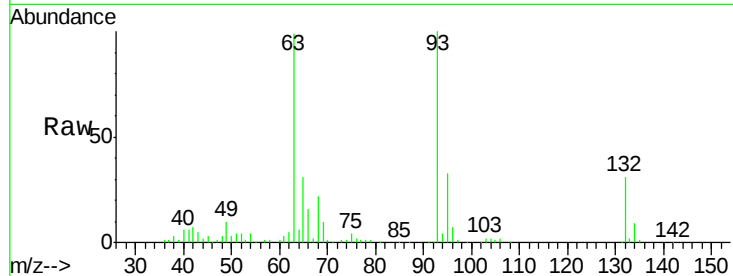
Tot Ion: 93 Resp: 144037

Ion Ratio Lower Upper

93 100

63 99.4 65.6 105.6

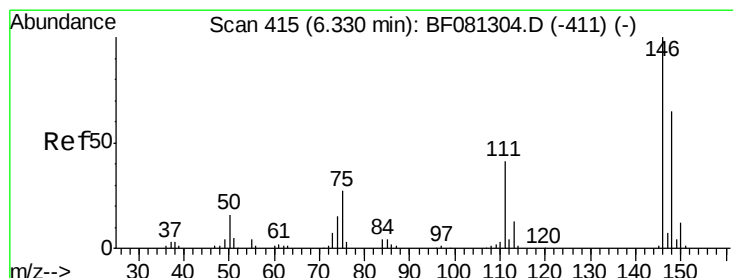
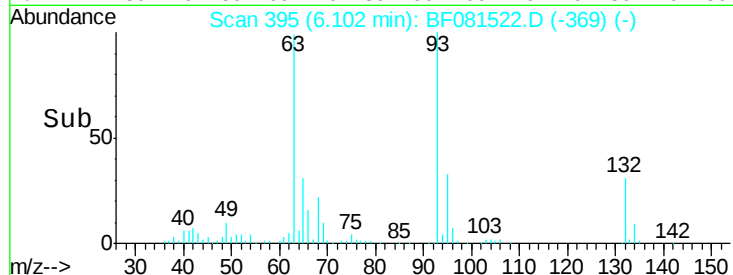
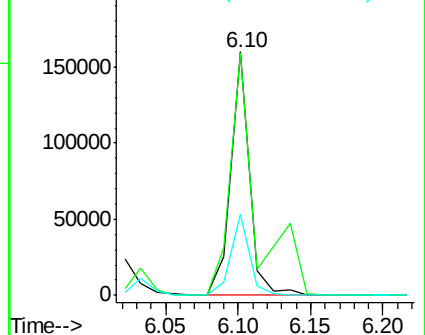
95 33.5 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 34.89 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

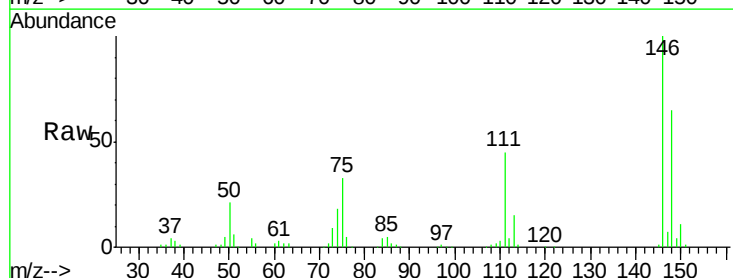
Tgt Ion: 146 Resp: 146221

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

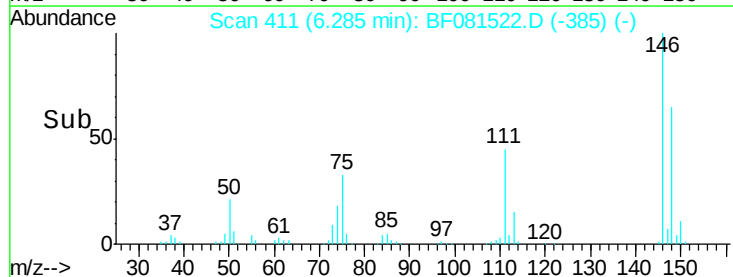
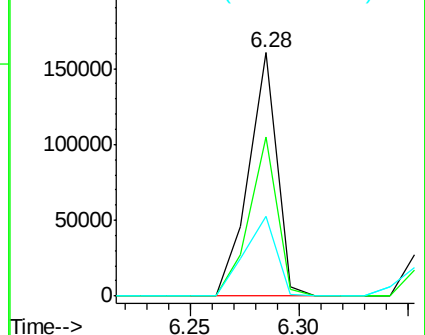
75 32.5 15.0 22.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

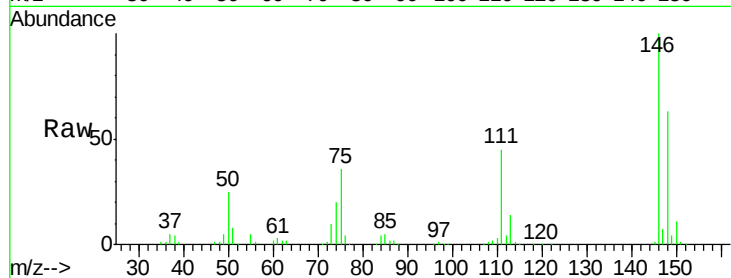




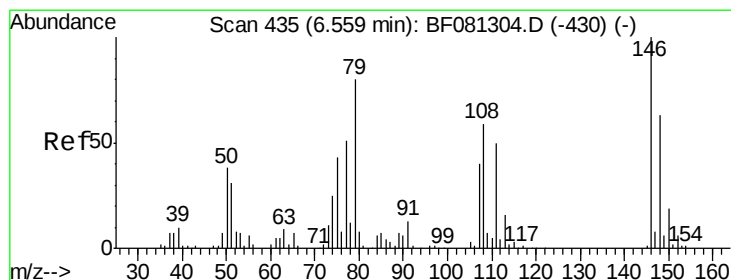
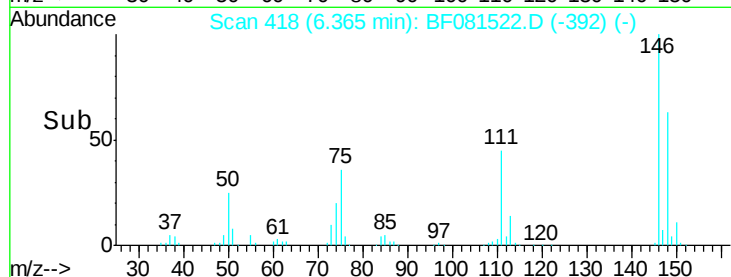
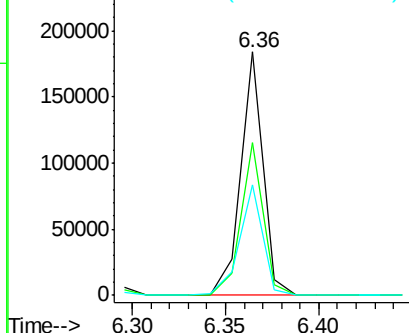
#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 153723
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 45.2 24.9 37.3#

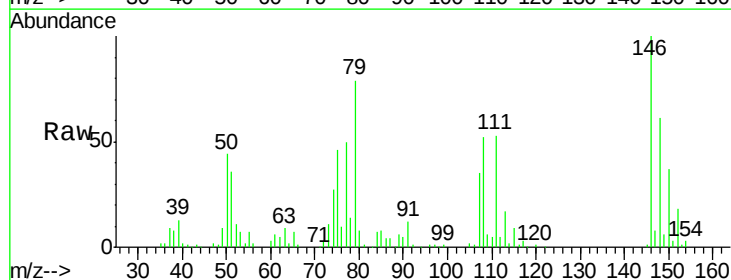


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

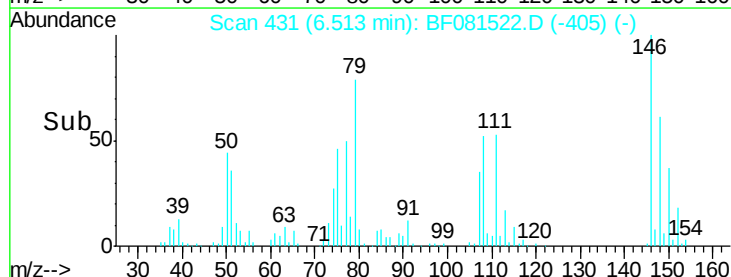
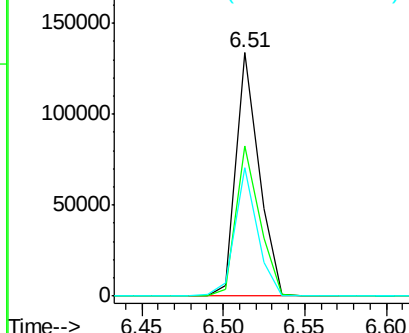


#14
 1,2-Dichlorobenzene
 Concen: 33.67 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:146 Resp: 129376
 Ion Ratio Lower Upper
 146 100
 148 61.5 52.7 79.1
 111 53.0 28.8 43.2#



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





#15

Benzyl Alcohol

Concen: 35.00 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

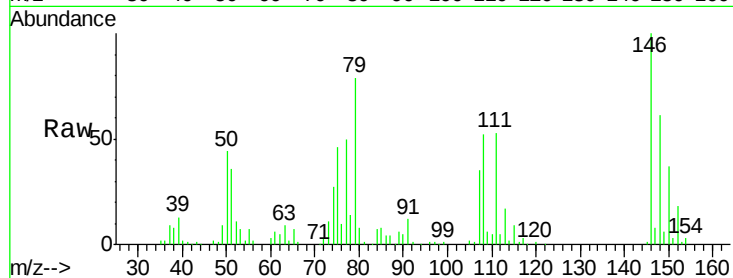
Tot Ion: 79 Resp: 135294

Ion Ratio Lower Upper

79 100

108 65.6 88.6 132.8#

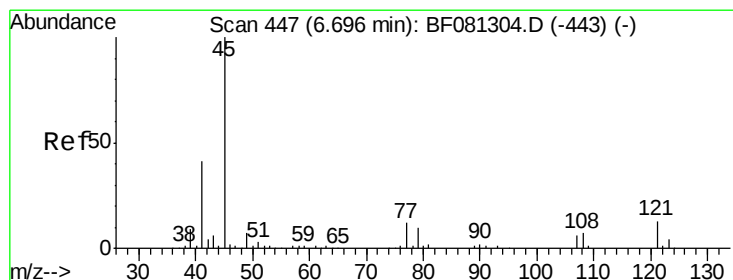
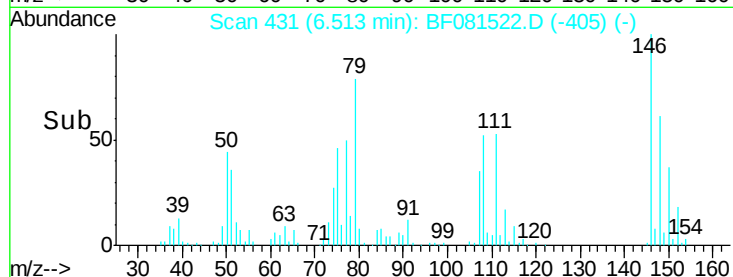
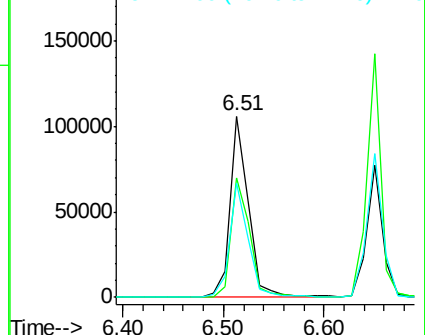
77 63.1 47.0 70.4



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: 38.89 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

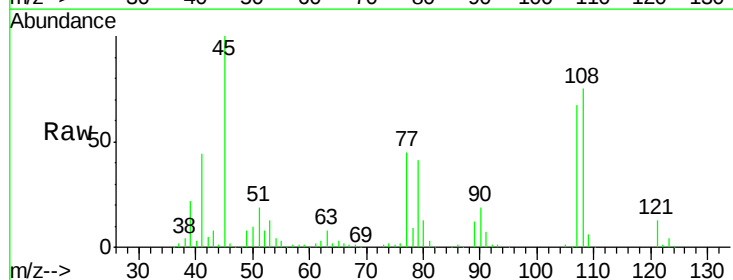
Tgt Ion: 45 Resp: 293931

Ion Ratio Lower Upper

45 100

77 44.6 0.0 28.1#

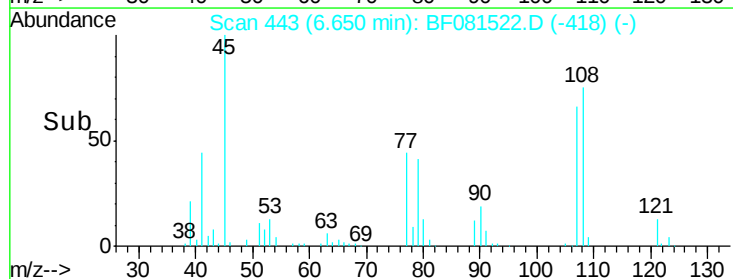
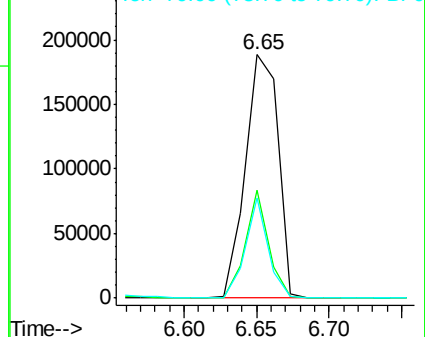
79 41.2 0.0 26.0#

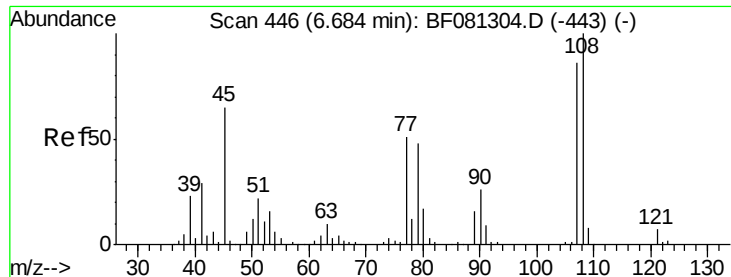


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.69 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 121107

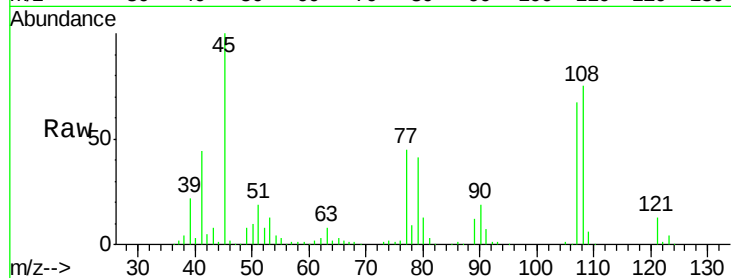
Ion Ratio Lower Upper

107 100

108 113.2 96.6 145.0

77 66.8 23.3 34.9#

79 61.7 22.0 33.0#

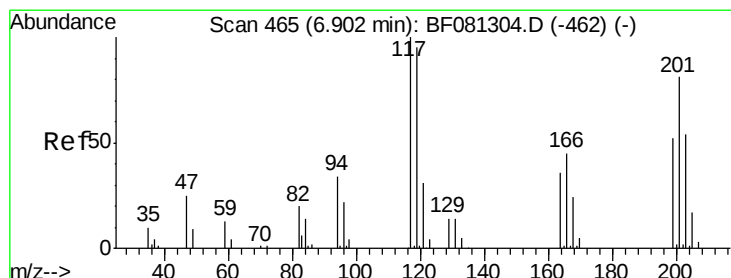
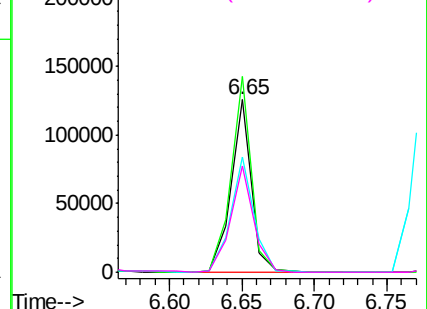
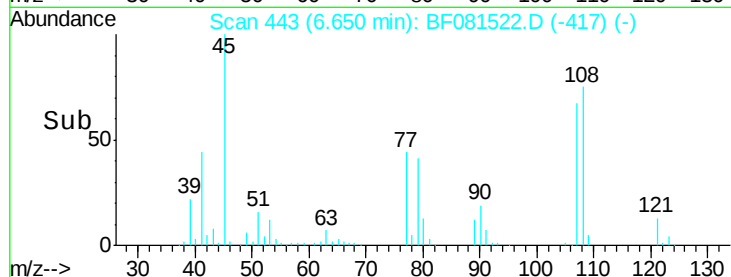


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.03 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

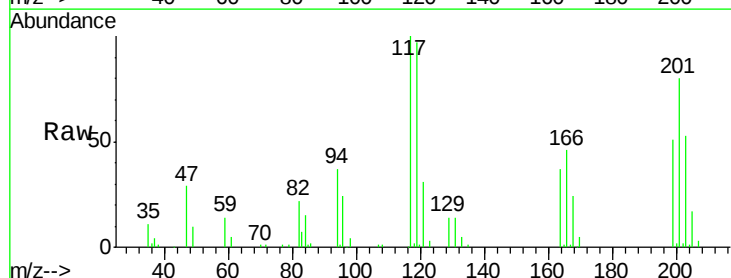
Tgt Ion:117 Resp: 59823

Ion Ratio Lower Upper

117 100

119 97.3 83.8 125.6

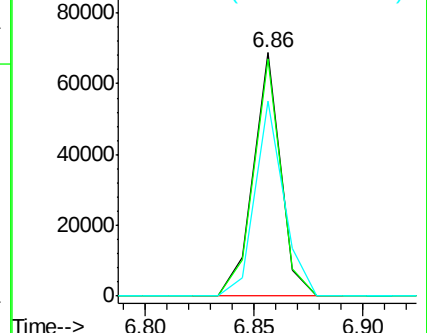
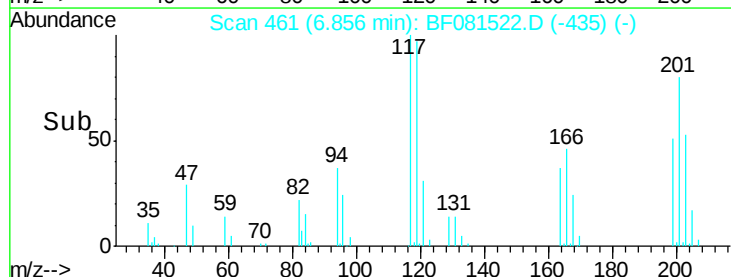
201 80.1 55.1 82.7

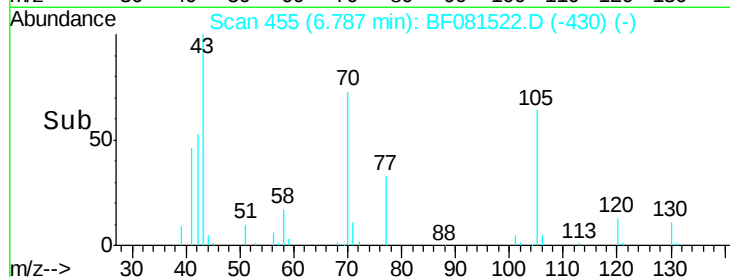
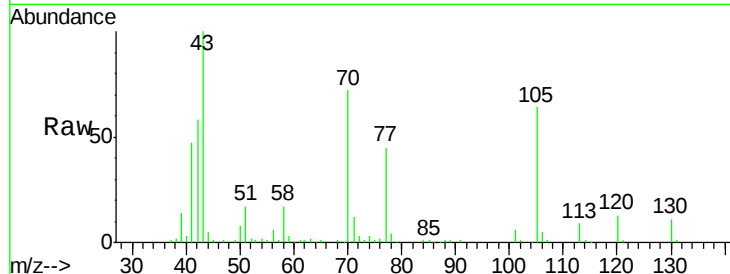
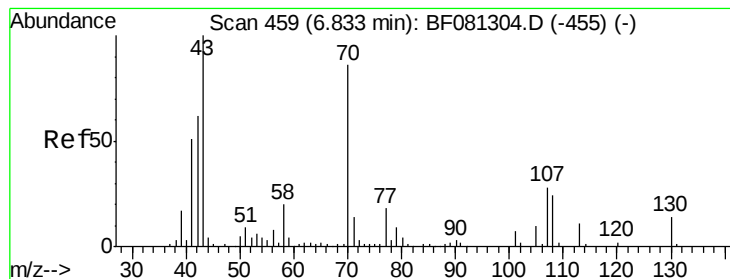


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.37 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

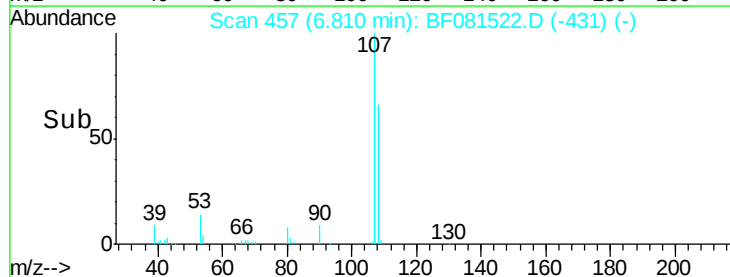
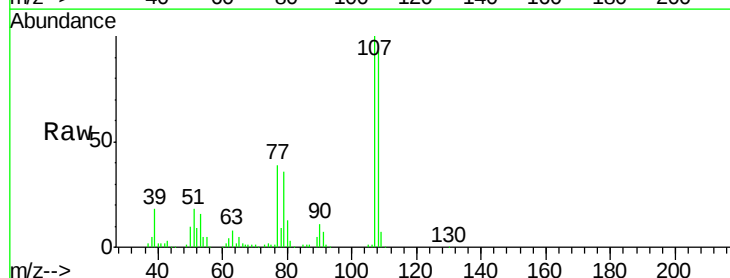
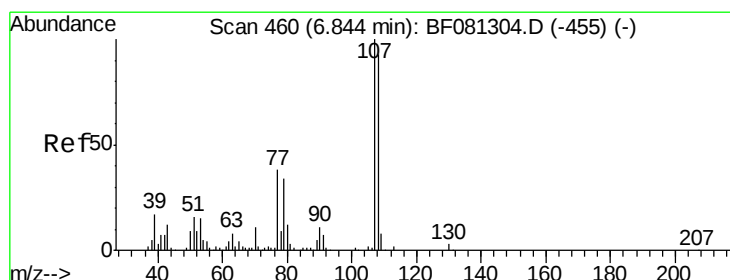
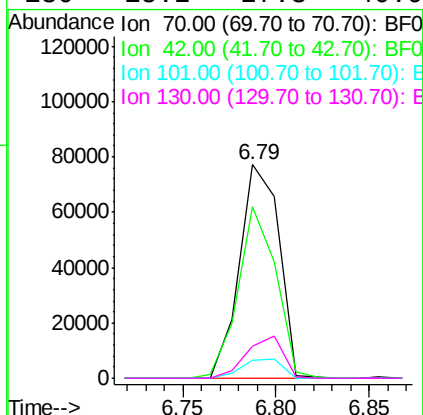
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 113423

Ion Ratio Lower Upper

70	100		
42	80.3	63.8	95.6
101	8.2	9.2	13.8
130	15.2	27.3	40.9



#20

3+4-Methylphenols

Concen: 36.27 ng

RT: 6.81 min Scan# 457

Delta R.T. 0.00 min

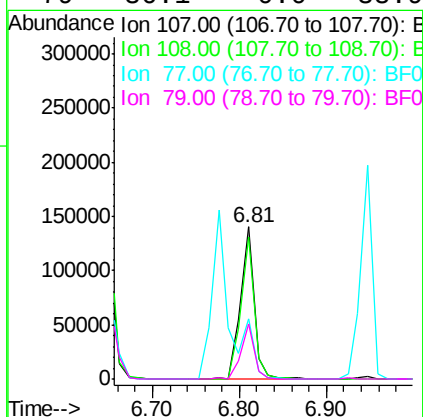
Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Tgt Ion:107 Resp: 153053

Ion Ratio Lower Upper

107	100		
108	93.4	74.6	114.6
77	39.1	0.7	40.7
79	36.1	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 210008

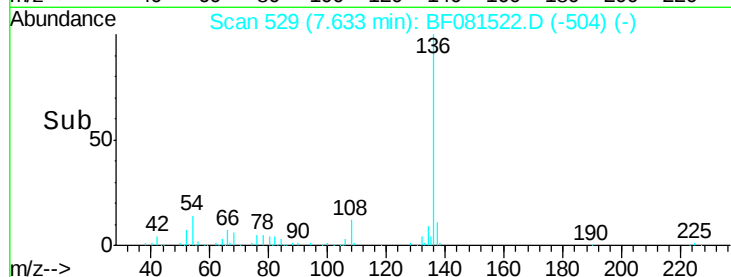
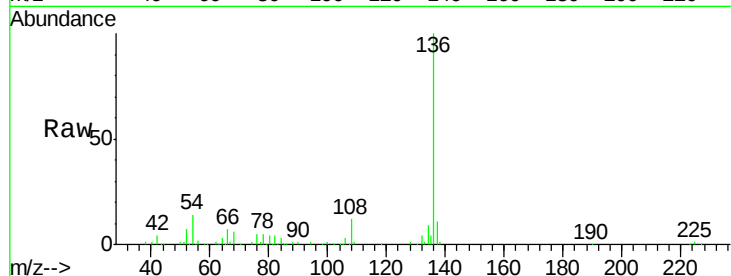
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.6 8.2 12.2#

68 5.6 5.8 8.6#

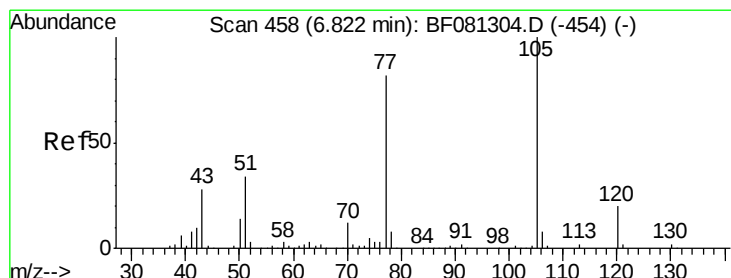
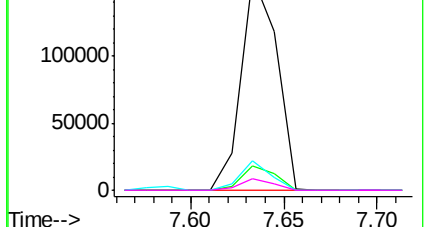


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.69 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Tgt Ion:105 Resp: 216206

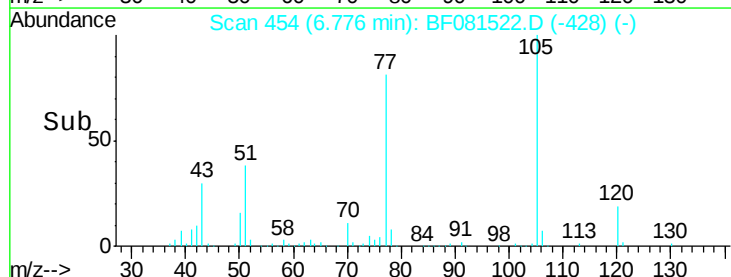
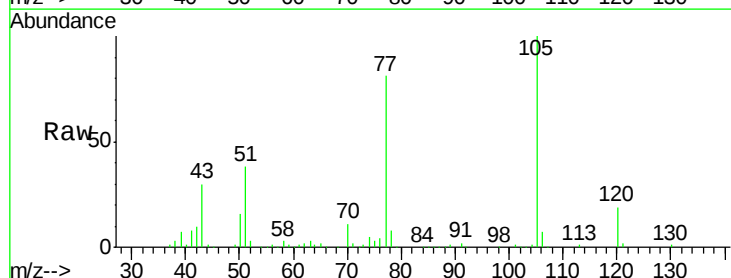
Ion Ratio Lower Upper

105 100

71 1.8 4.7 7.1#

51 38.1 22.0 33.0#

120 19.0 30.1 45.1#

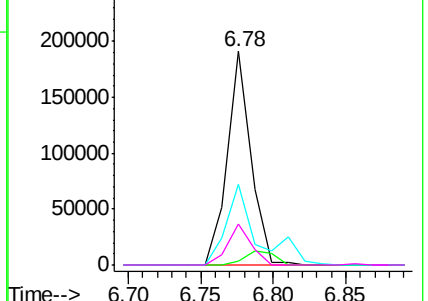


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

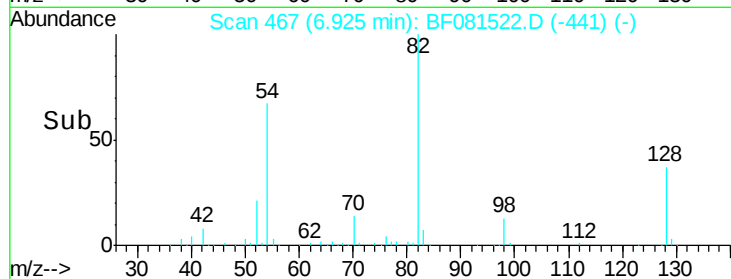
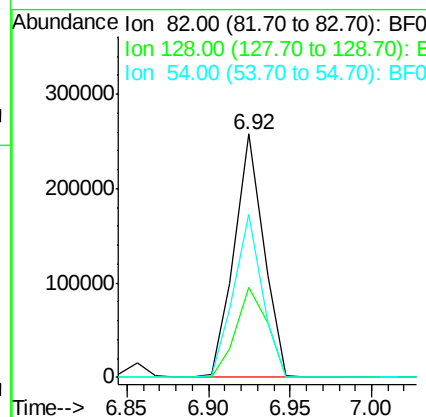
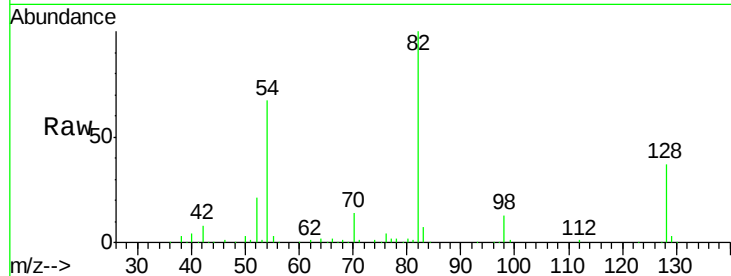




#23
 Nitrobenzene-d5
 Concen: 74.06 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

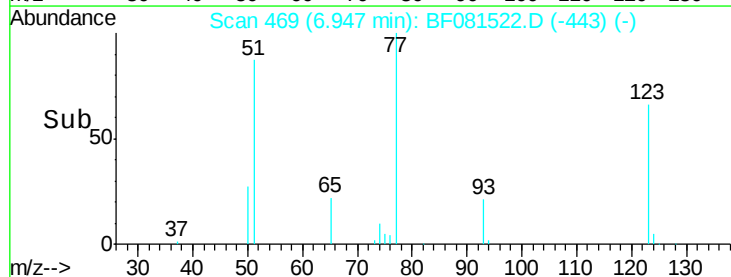
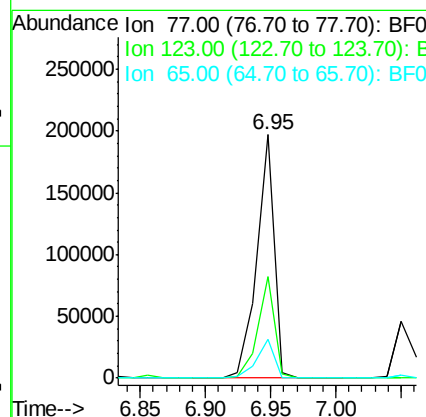
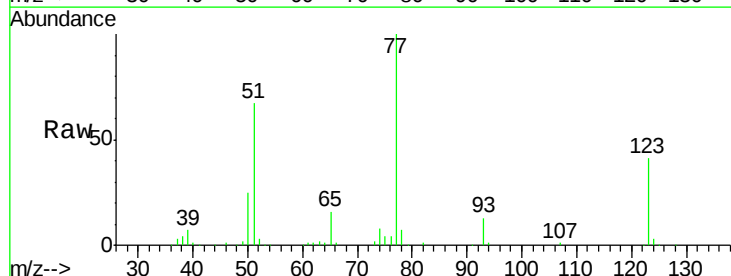
Instrument :
 BNA_F
 ClientSampleId :

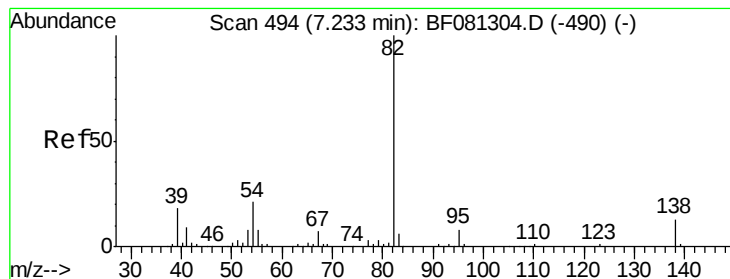
Tot Ion	82	Resp	322356
Ion Ratio	100	Lower	Upper
128	36.7	51.0	76.6#
54	67.1	47.5	71.3



#24
 Nitrobenzene
 Concen: 40.75 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion	77	Resp	184198
Ion Ratio	100	Lower	Upper
123	41.4	59.8	89.8#
65	15.9	10.2	15.4#





#25

Isophorone

Concen: 36.80 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

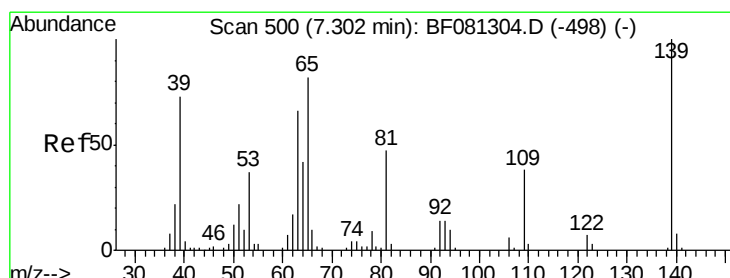
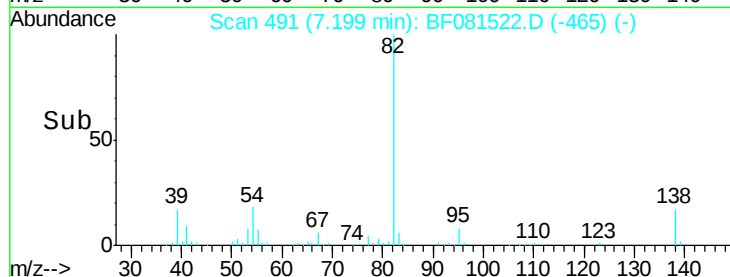
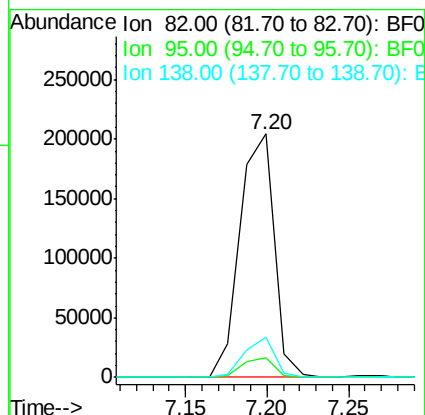
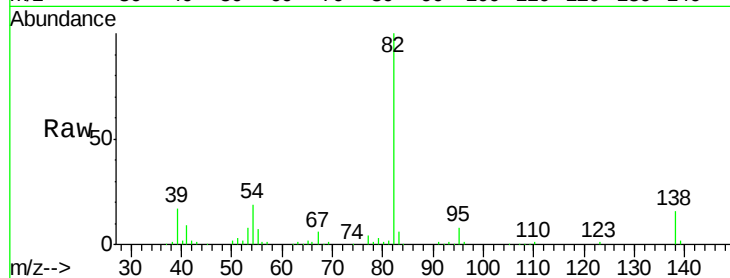
Tot Ion: 82 Resp: 297937

Ion Ratio Lower Upper

82 100

95 8.1 4.0 6.0#

138 16.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 39.07 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

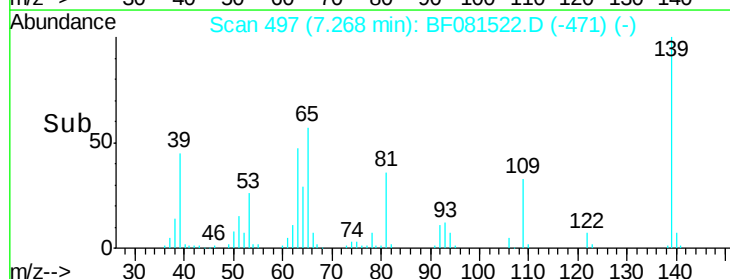
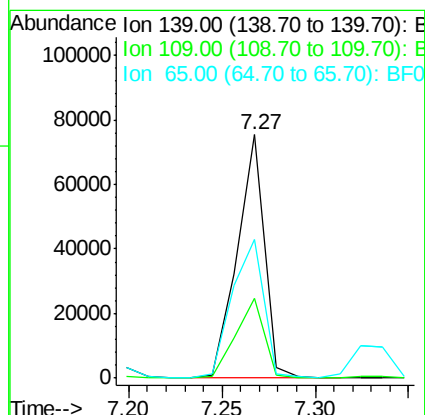
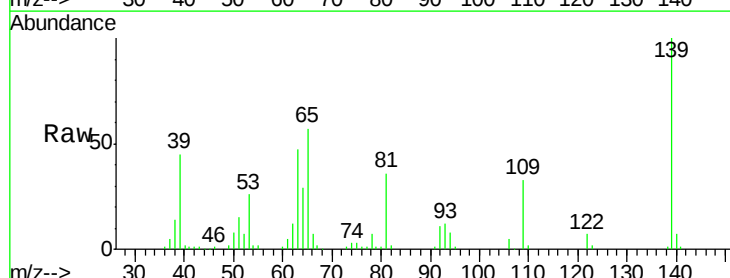
Tgt Ion: 139 Resp: 76972

Ion Ratio Lower Upper

139 100

109 33.0 11.0 16.4#

65 57.0 24.7 37.1#

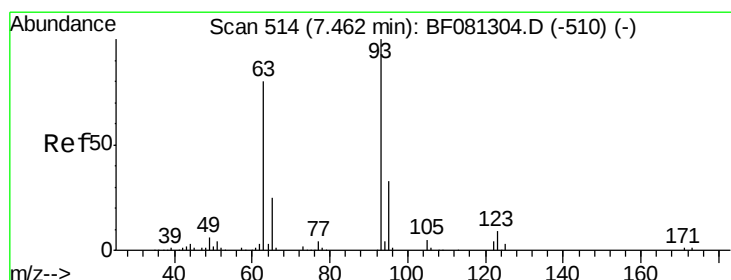
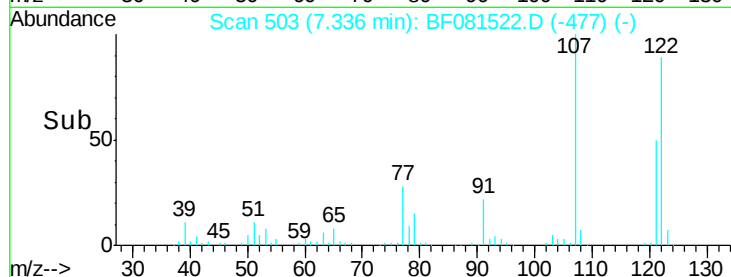
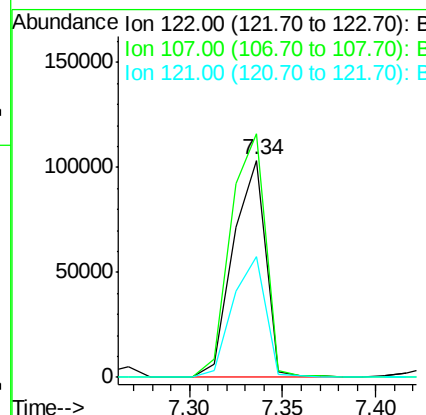
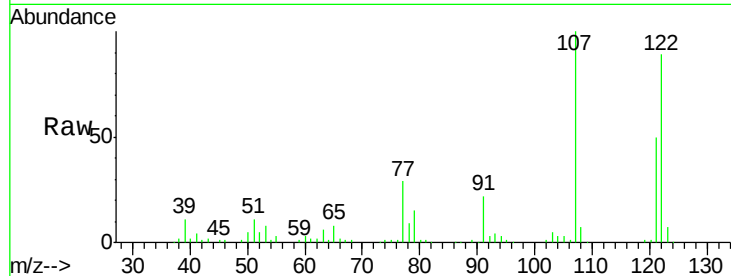




#27
 2,4-Dimethylphenol
 Concen: 37.57 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

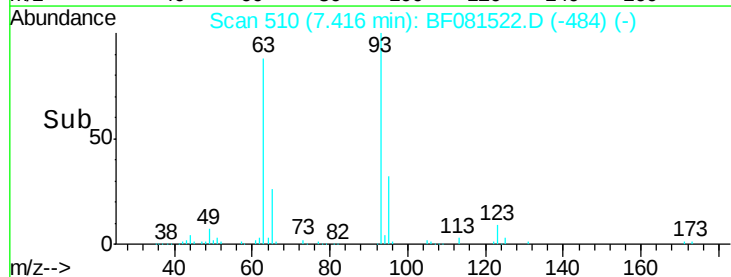
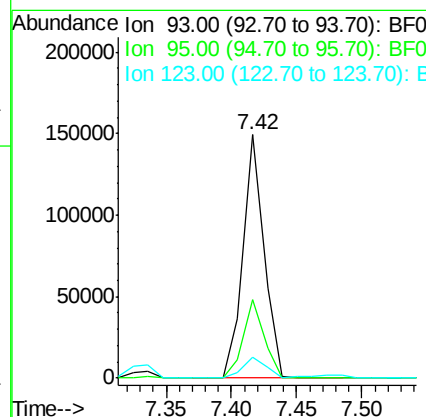
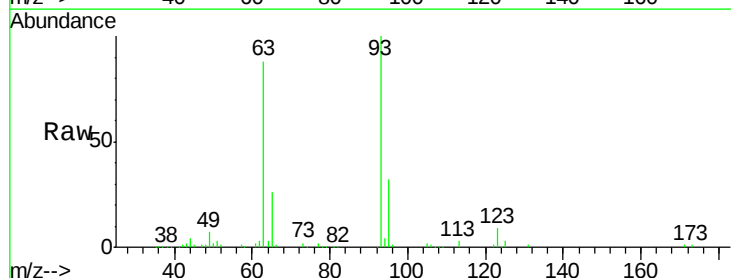
Instrument :
 BNA_F
 ClientSampleId :

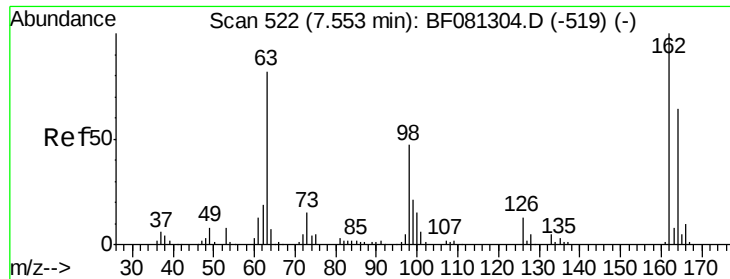
Tot Ion:122 Resp: 127854
 Ion Ratio Lower Upper
 122 100
 107 112.2 71.8 107.6#
 121 55.9 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.72 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion: 93 Resp: 167061
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.5 41.3
 123 8.7 13.7 20.5#

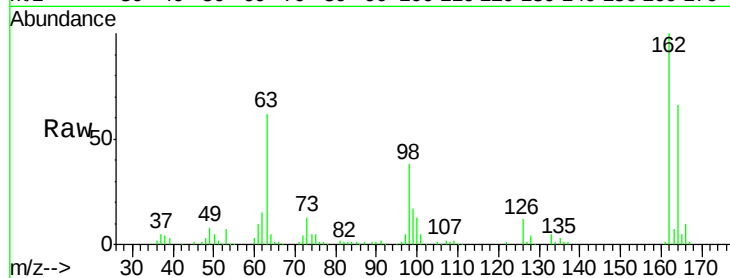




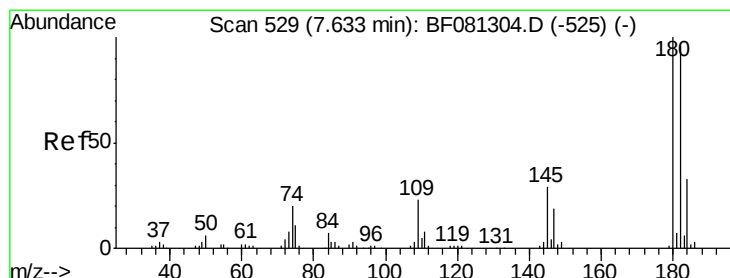
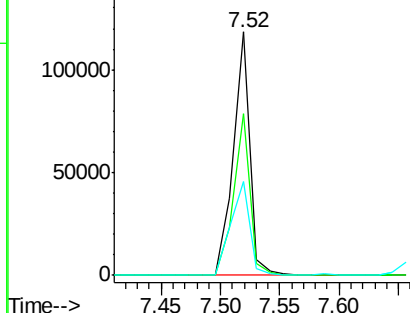
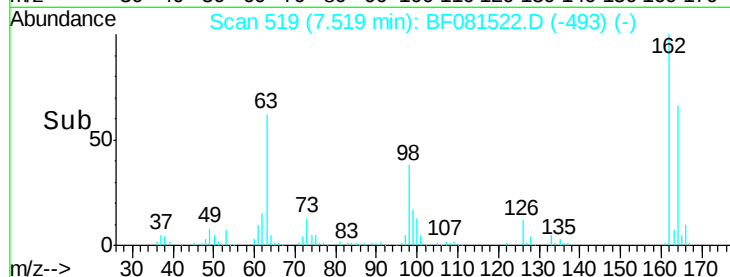
#29
 2,4-Dichlorophenol
 Concen: 38.91 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.3	44.9	84.9
98	38.4	13.0	53.0

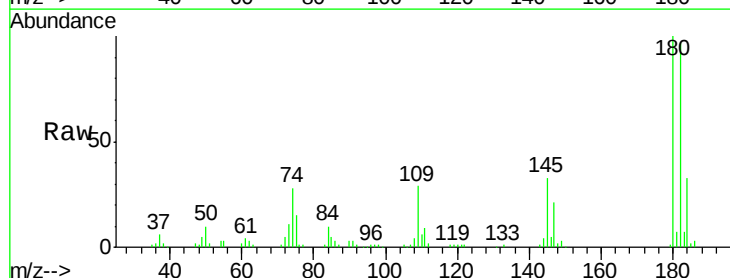


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

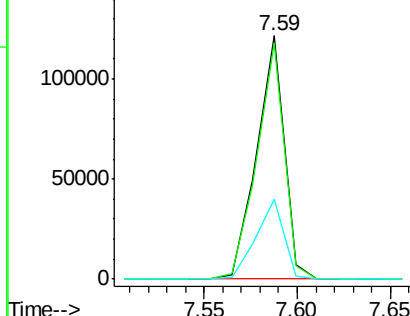
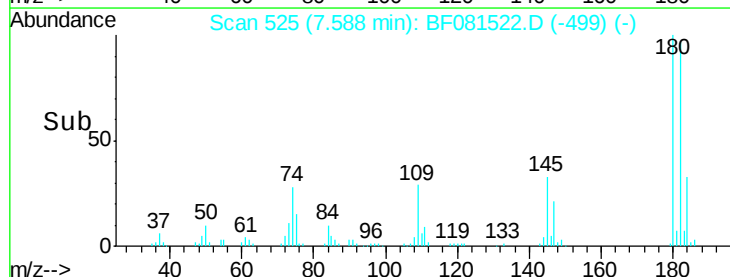


#30
 1,2,4-Trichlorobenzene
 Concen: 38.64 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.1	115.7
145	32.8	23.3	34.9



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





#31

Naphthalene

Concen: 33.50 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampled :

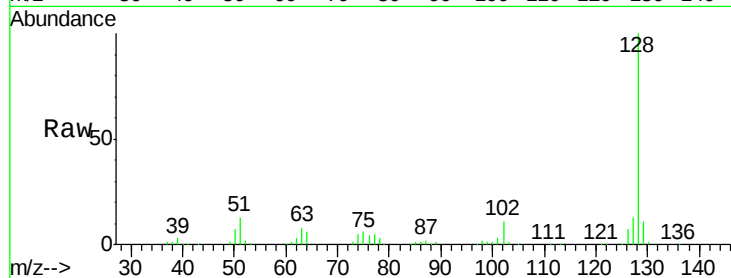
Tot Ion:128 Resp: 375238

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

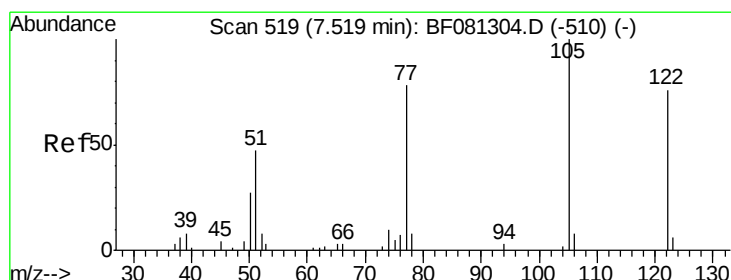
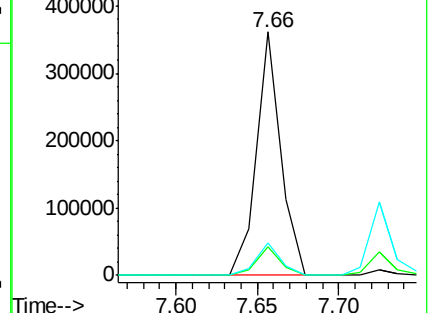
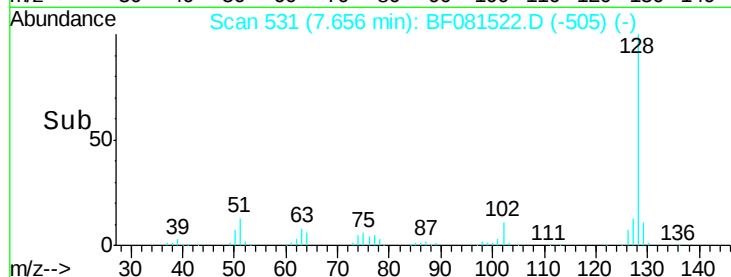
127 13.1 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 24.42 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

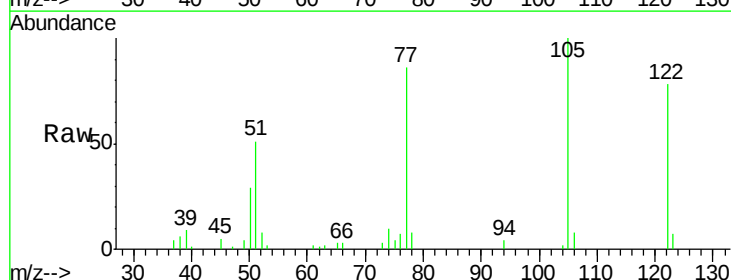
Tgt Ion:122 Resp: 56111

Ion Ratio Lower Upper

122 100

105 127.8 76.1 116.1#

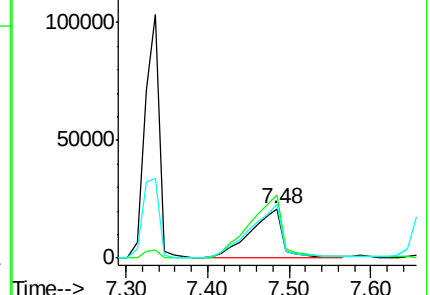
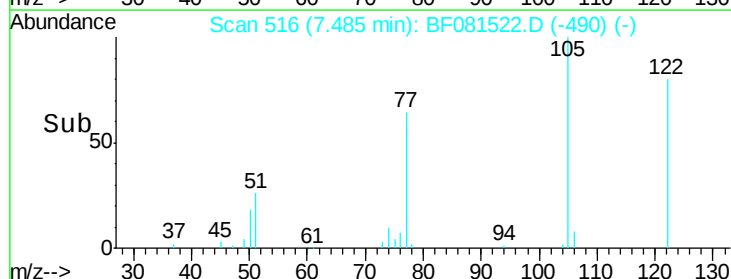
77 110.0 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

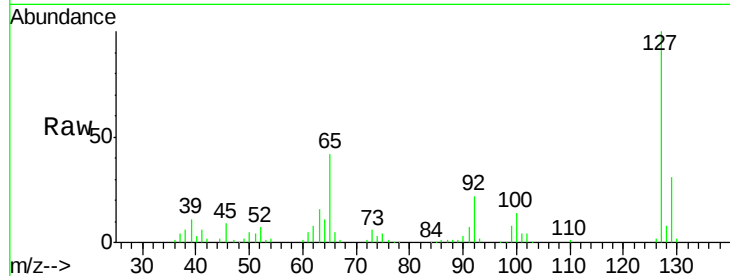




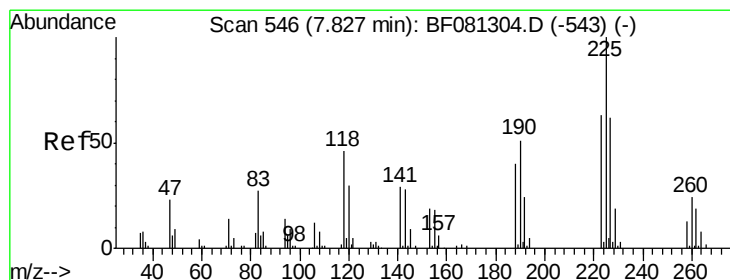
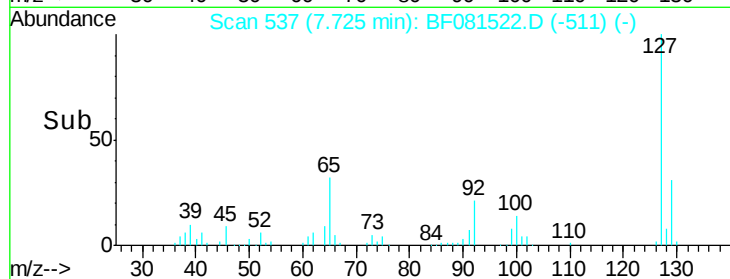
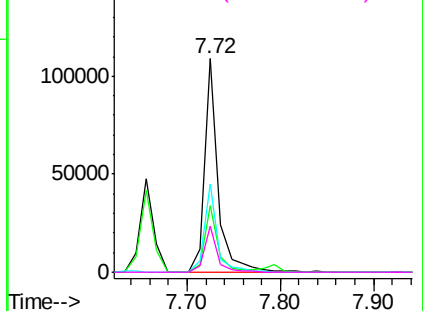
#33
4-Chloroaniline
Concen: 24.28 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	110919
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.8	38.6
65	41.6	17.9	26.9#
92	21.8	10.5	15.7#

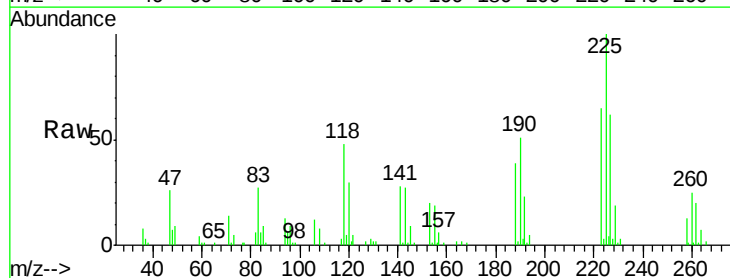


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

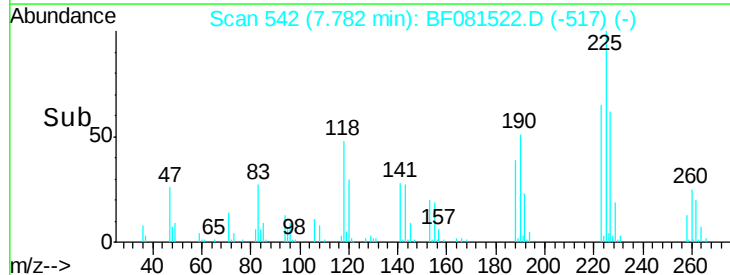
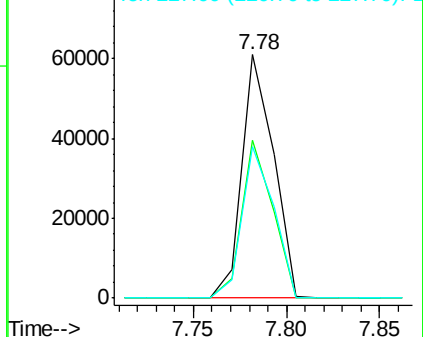


#34
Hexachlorobutadiene
Concen: 36.76 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:	225	Resp:	71711
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.2
227	62.0	52.2	78.2



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

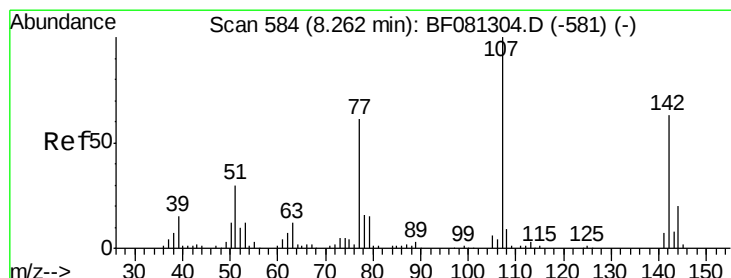
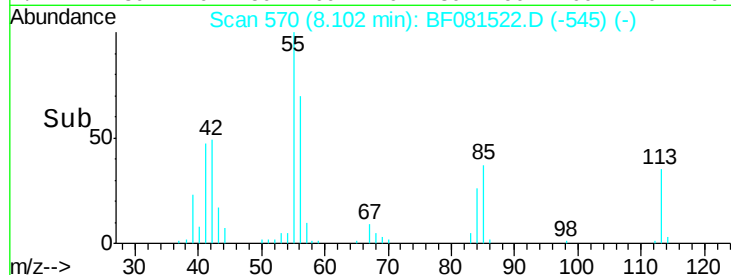
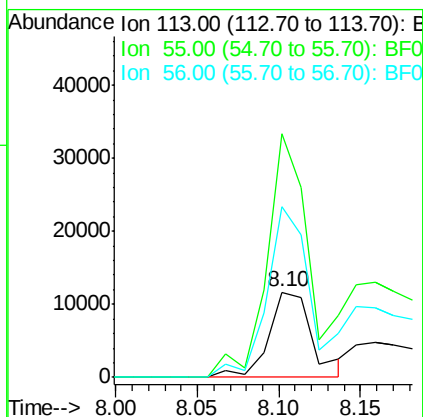
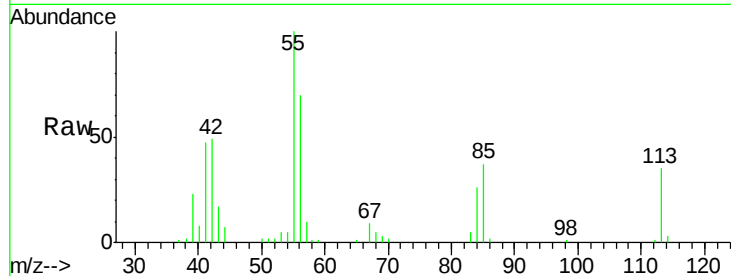




#35
 Caprolactam
 Concen: 24.16 ng
 RT: 8.10 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

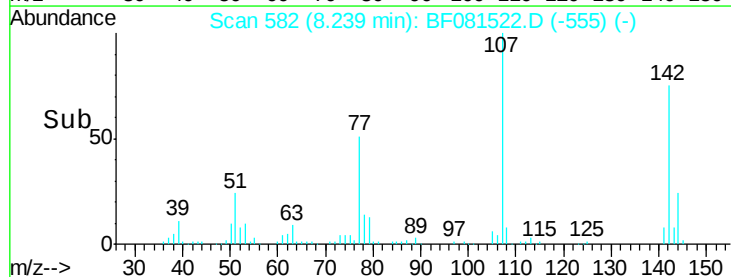
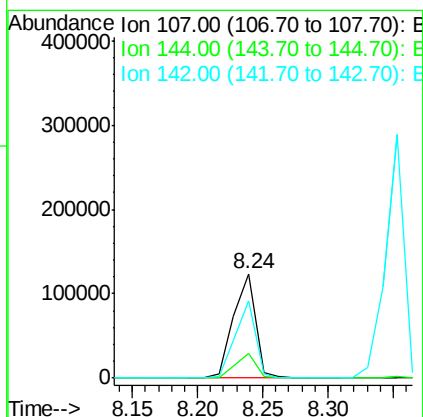
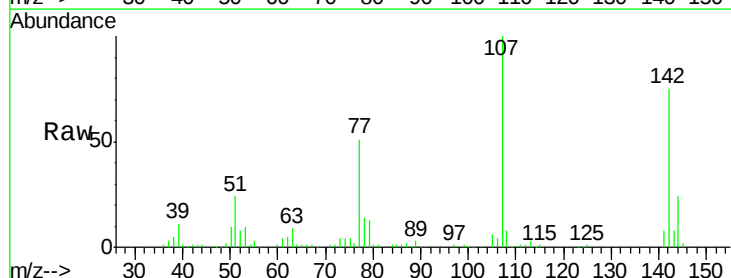
Instrument :
 BNA_F
 ClientSampleId :

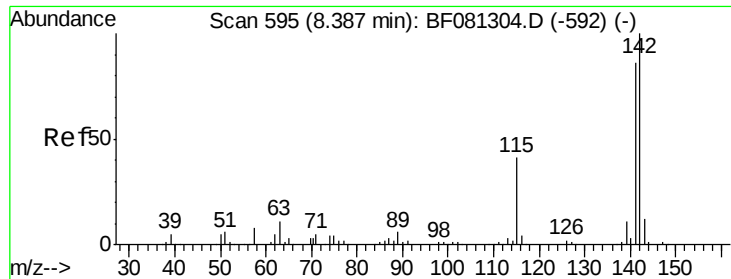
Tot Ion:113 Resp: 21861
 Ion Ratio Lower Upper
 113 100
 55 284.8 152.4 192.4#
 56 199.7 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 43.51 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:107 Resp: 143717
 Ion Ratio Lower Upper
 107 100
 144 23.8 25.4 38.0#
 142 74.6 77.3 115.9#

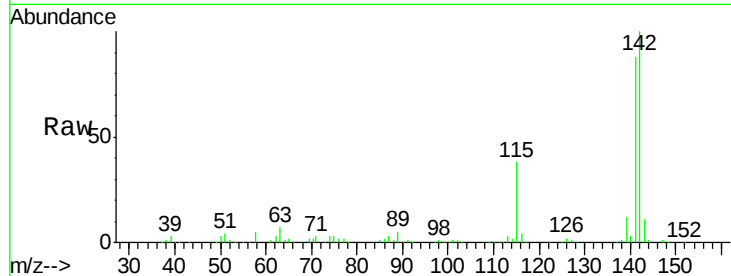




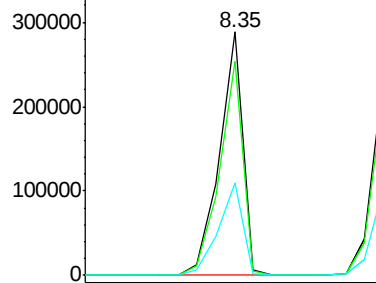
#37
2-Methylnaphthalene
Concen: 39.19 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

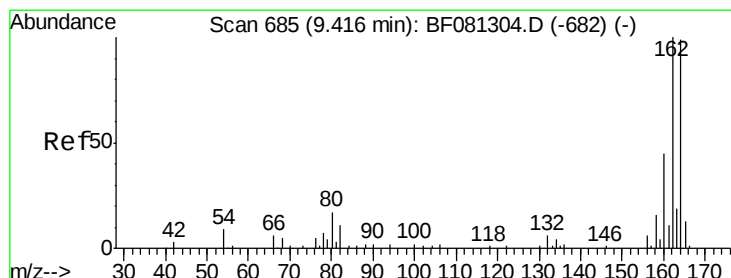
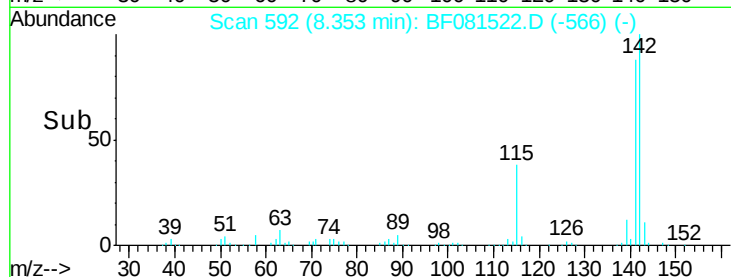
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.5	101.3
115	38.1	18.2	27.2



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

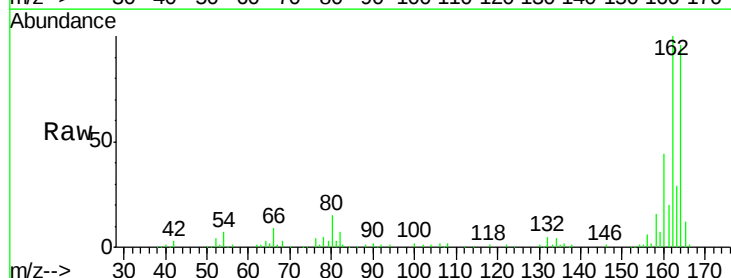


Time-->

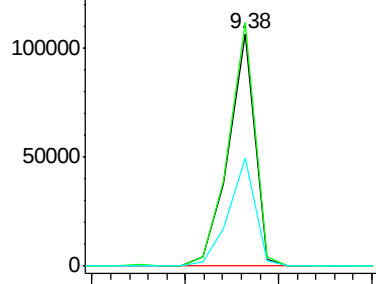


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

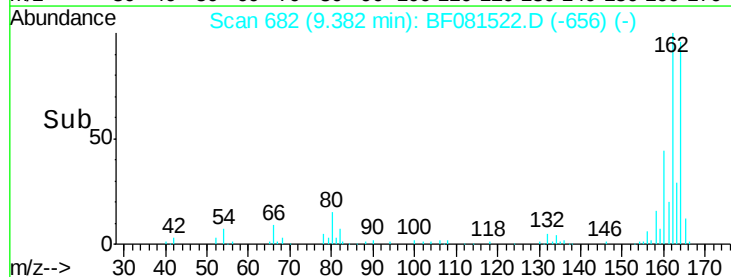
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	46.3	31.5	47.3



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



Time-->





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.77 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081522.D

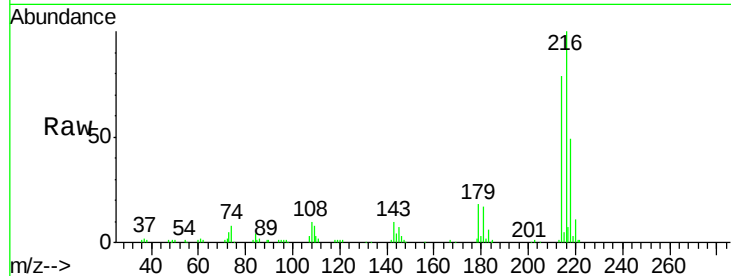
Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	114729
Ion	Ratio	Lower Upper
216	100	
214	79.9	63.5 95.3
179	21.9	16.6 24.8
108	22.3	16.3 24.5

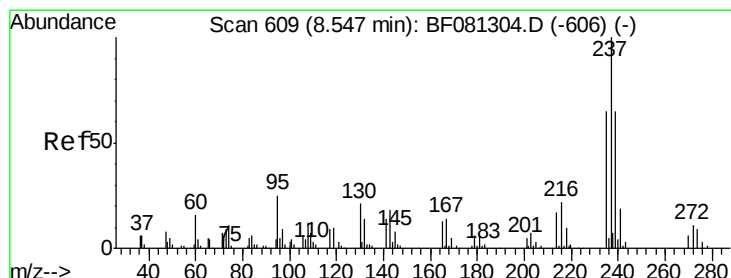
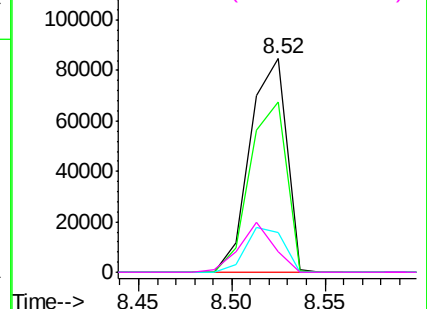
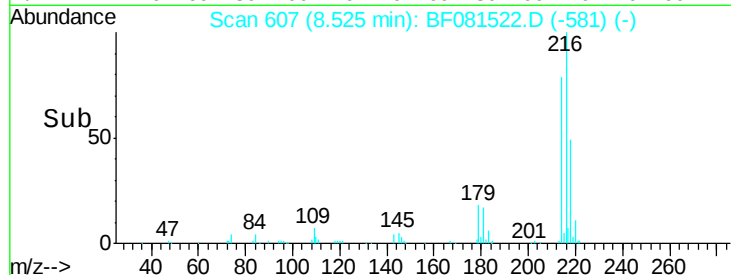


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.69 ng

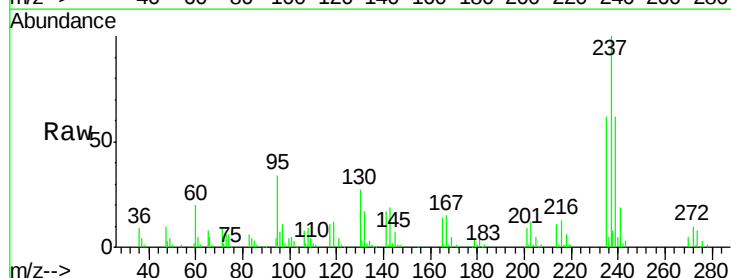
RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

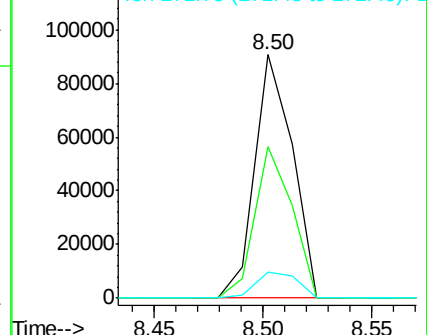
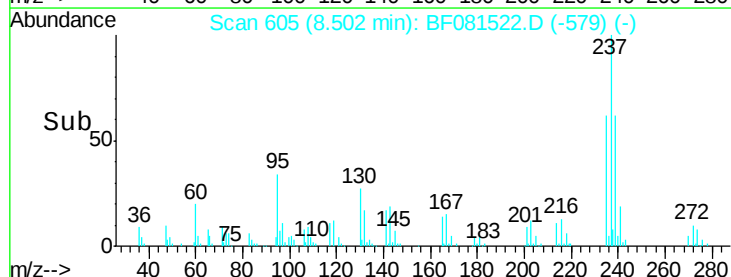
Tgt Ion:237	Resp:	109624
Ion	Ratio	Lower Upper
237	100	
235	62.5	42.0 82.0
272	10.5	0.0 36.1

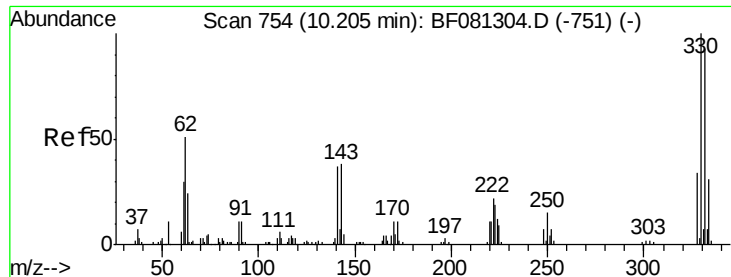


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

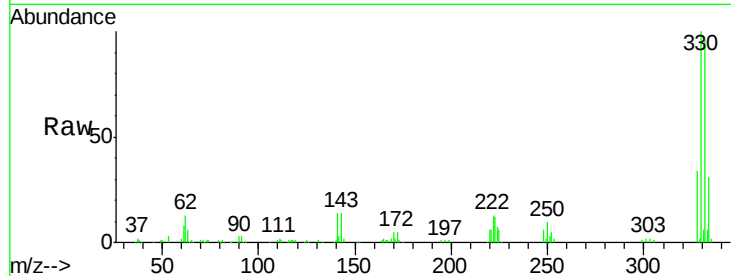




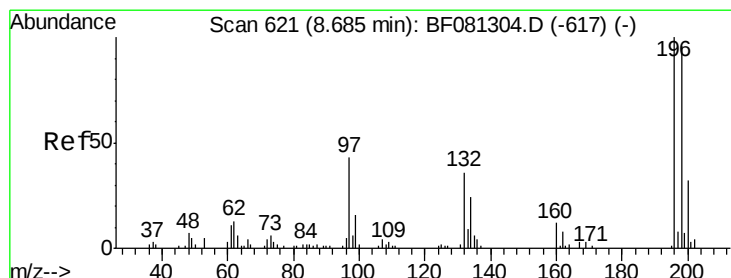
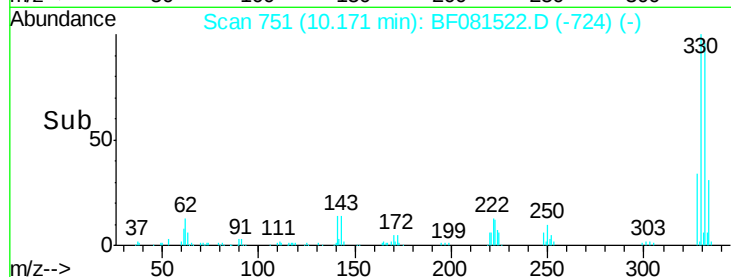
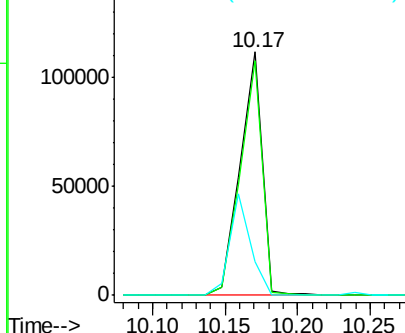
#41
 2,4,6-Tribromophenol
 Concen: 127.40 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118361
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 39.6 29.7 44.5

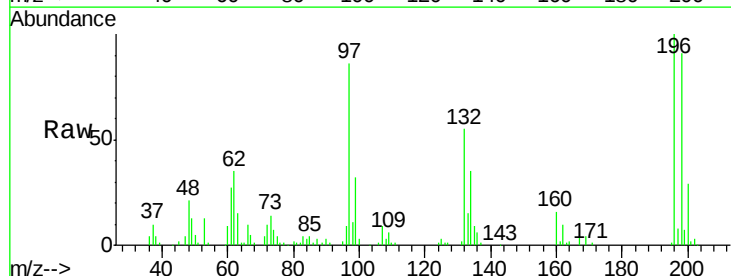


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

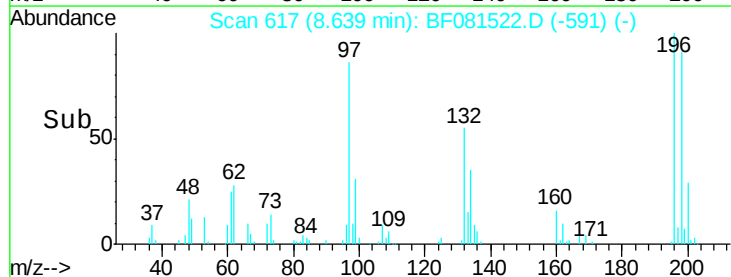
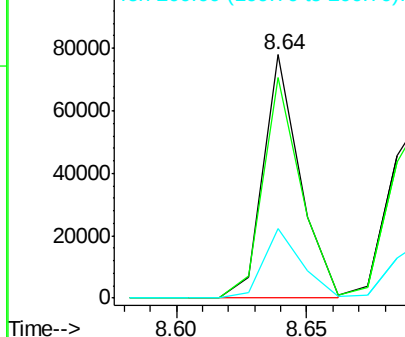


#42
 2,4,6-Trichlorophenol
 Concen: 33.69 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:196 Resp: 76723
 Ion Ratio Lower Upper
 196 100
 198 90.6 75.7 113.5
 200 28.5 23.9 35.9



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

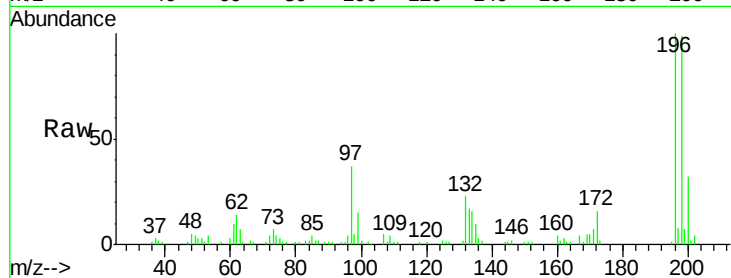




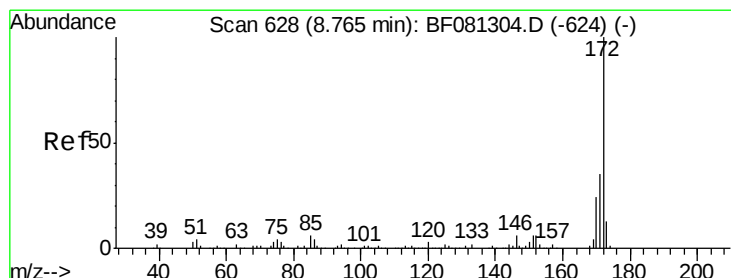
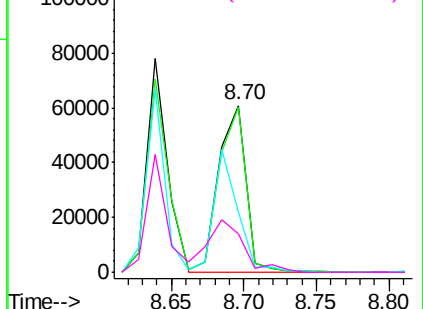
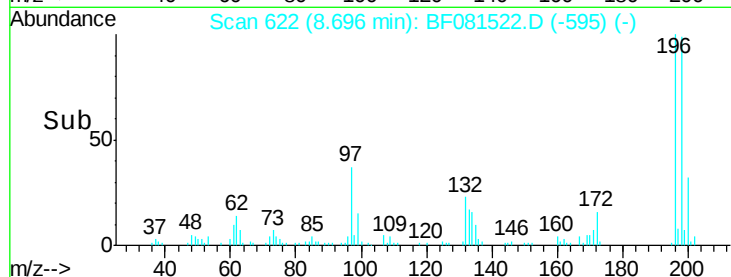
#43
 2,4,5-Trichlorophenol
 Concen: 34.26 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.4	113.0
97	36.5	33.3	49.9
132	23.3	24.6	37.0

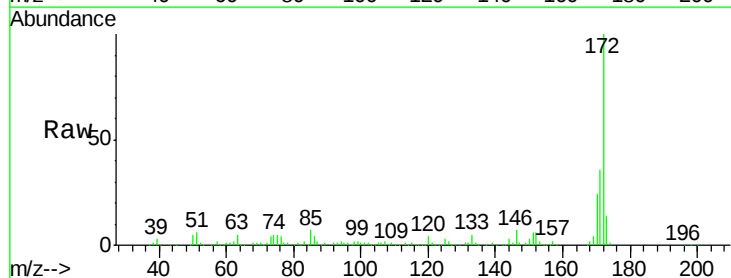


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

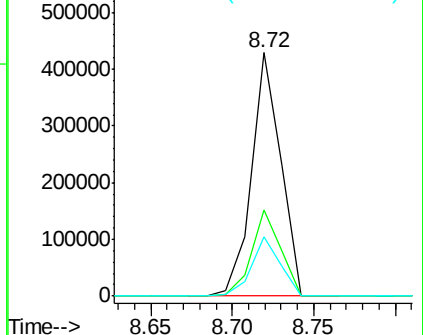
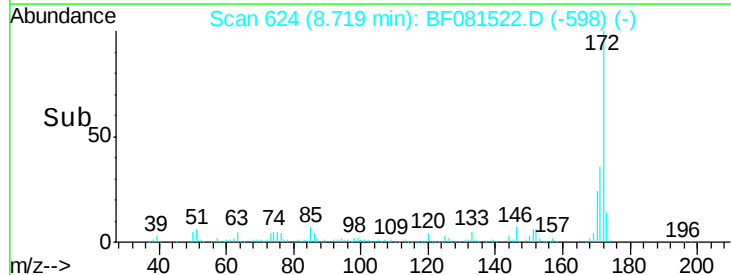


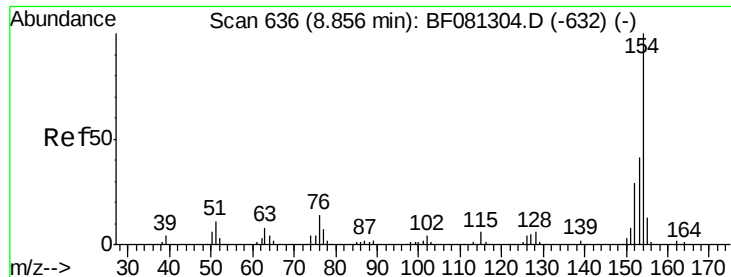
#44
 2-Fluorobiphenyl
 Concen: 65.43 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.1	39.1
170	24.4	17.4	26.2



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





#45

1,1'-Biphenyl

Concen: 35.12 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

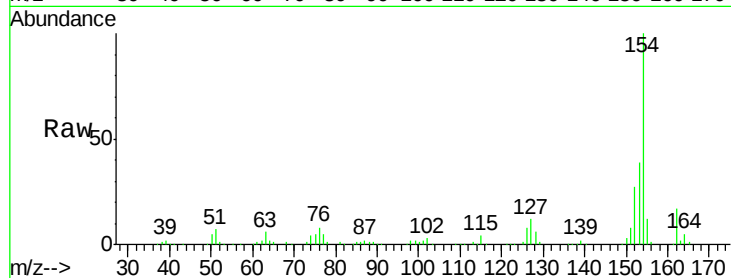
Tot Ion:154 Resp: 337185

Ion Ratio Lower Upper

154 100

153 39.3 17.1 57.1

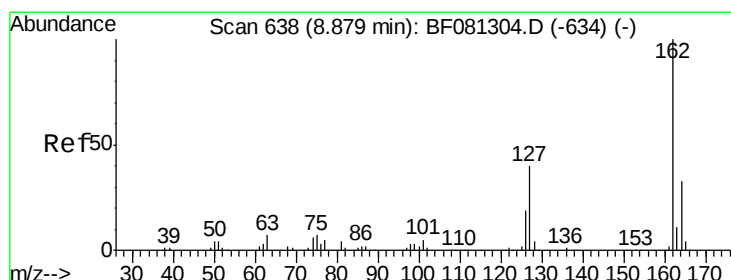
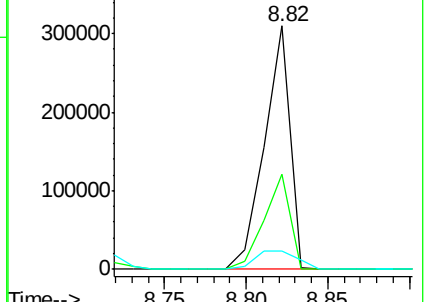
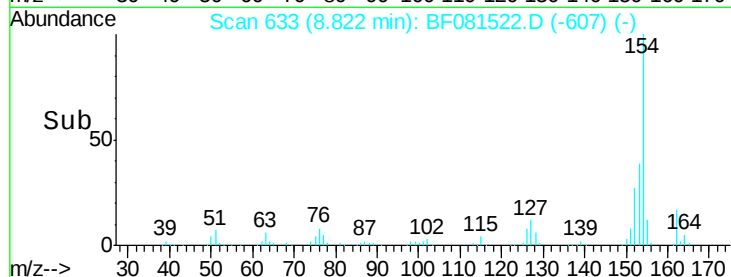
76 7.6 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.13 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

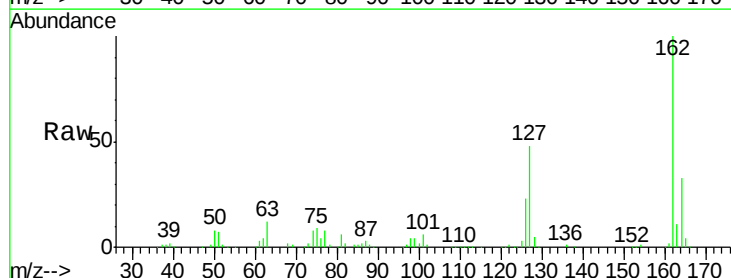
Tgt Ion:162 Resp: 243524

Ion Ratio Lower Upper

162 100

127 47.6 27.6 41.4#

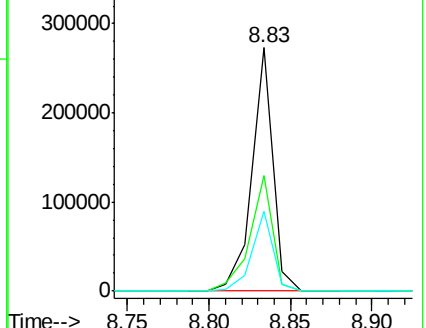
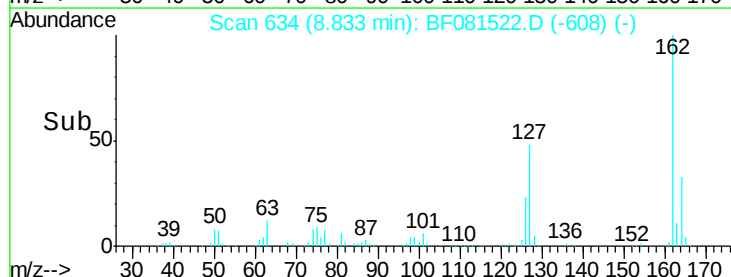
164 32.6 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

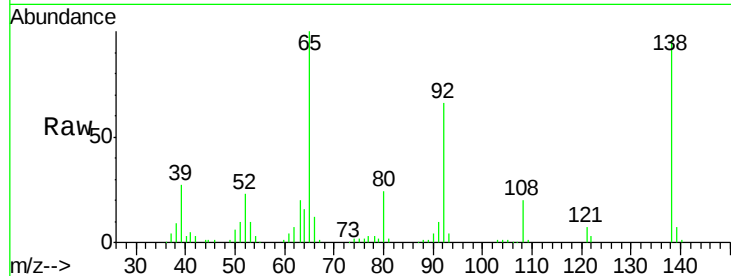




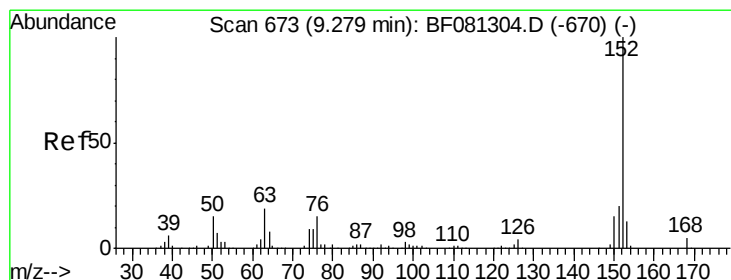
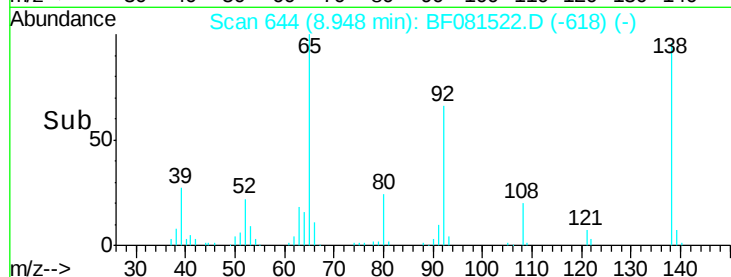
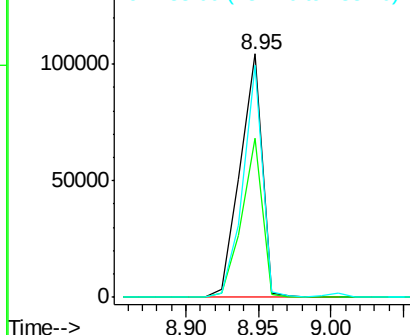
#47
2-Nitroaniline
Concen: 39.31 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 111081
Ion Ratio Lower Upper
65 100
92 65.6 55.4 83.0
138 95.6 115.5 173.3#

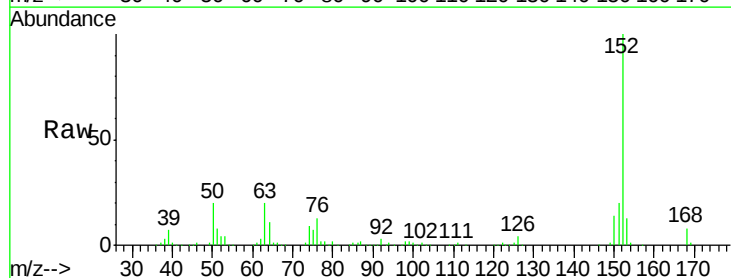


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

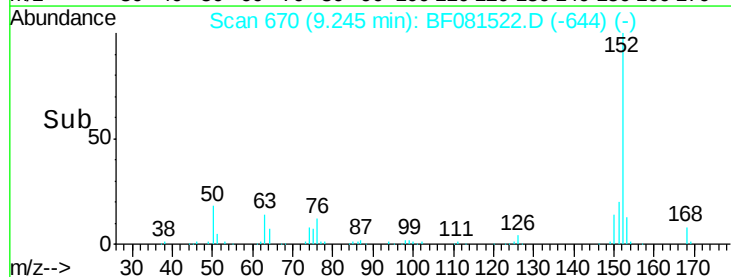
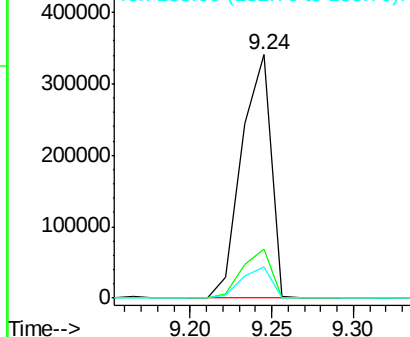


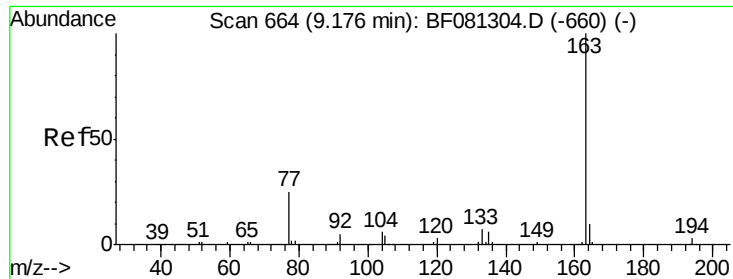
#48
Acenaphthylene
Concen: 34.48 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion: 152 Resp: 424101
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 12.7 10.3 15.5



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

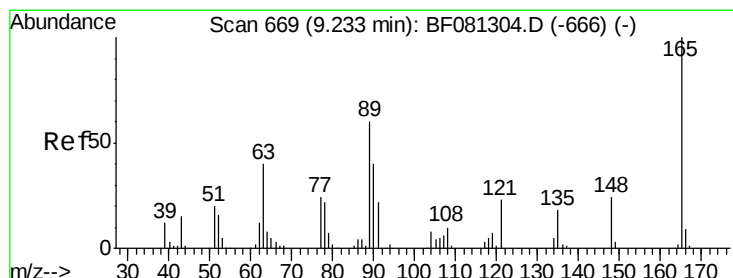
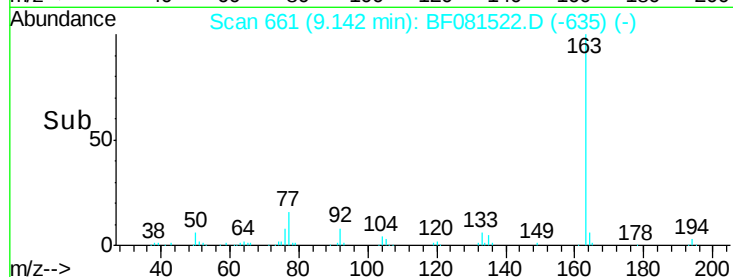
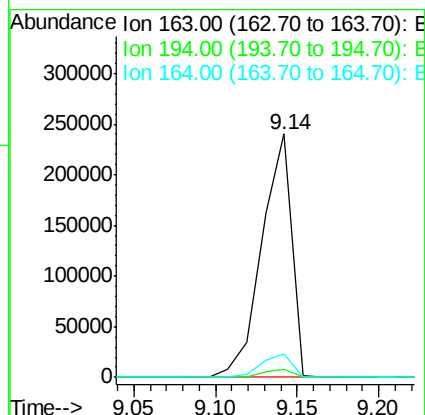
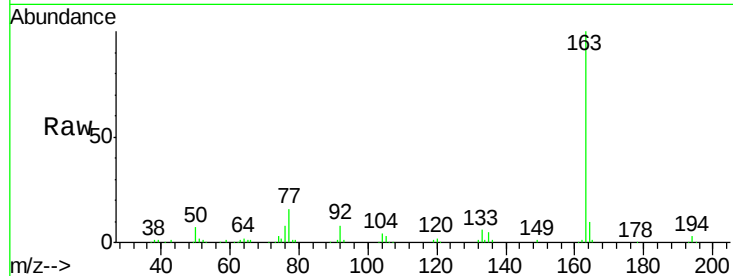




#49
Dimethylphthalate
Concen: 37.71 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

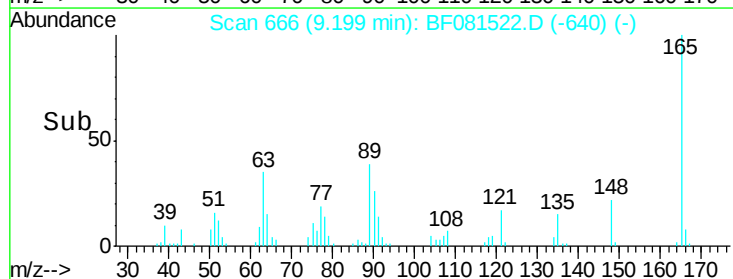
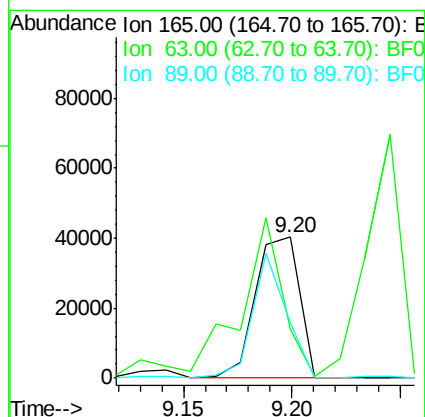
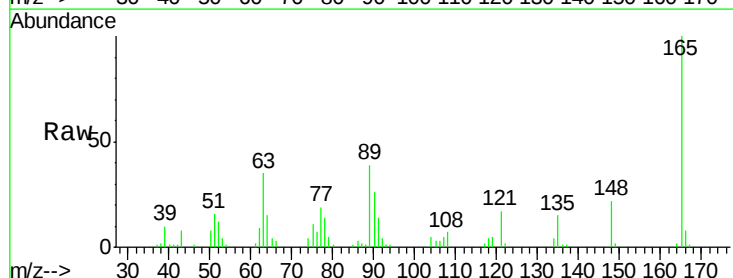
Instrument :
BNA_F
ClientSampleId :

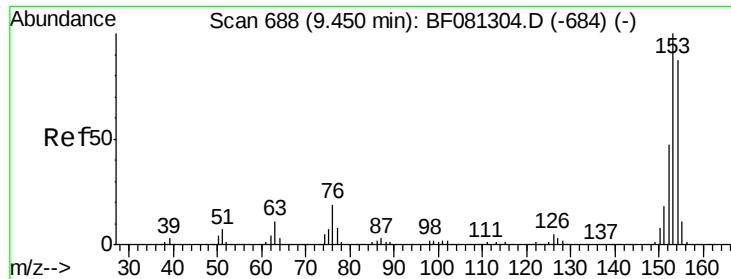
Tot Ion:163 Resp: 305746
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.5 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 31.17 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:165 Resp: 57353
Ion Ratio Lower Upper
165 100
63 34.9 32.3 48.5
89 39.1 28.6 43.0





#51

Acenaphthene

Concen: 35.80 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

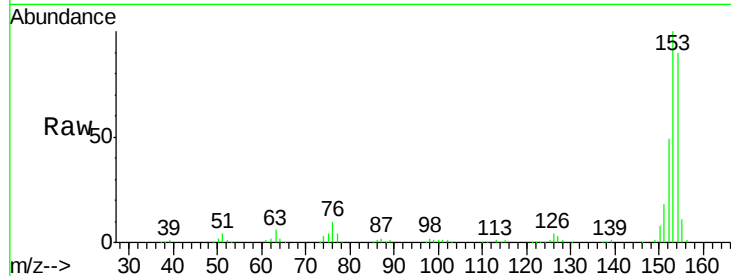
Tot Ion:154 Resp: 250502

Ion Ratio Lower Upper

154 100

153 111.3 82.1 123.1

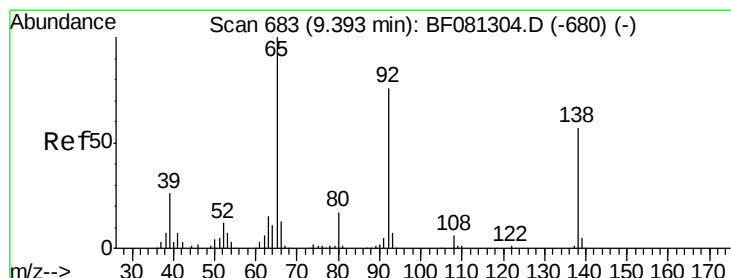
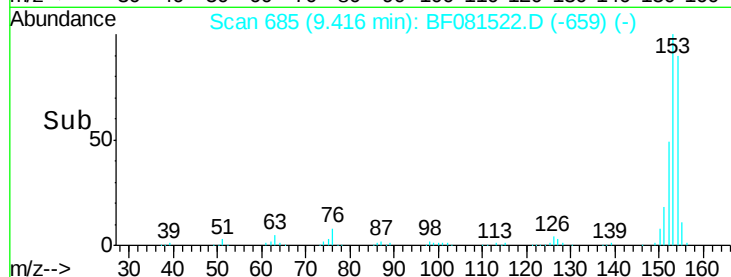
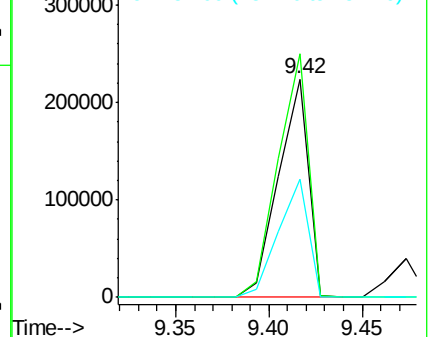
152 54.3 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.36 ng

RT: 9.36 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

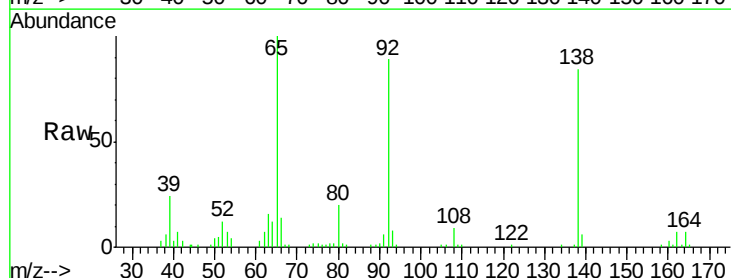
Tgt Ion:138 Resp: 57303

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

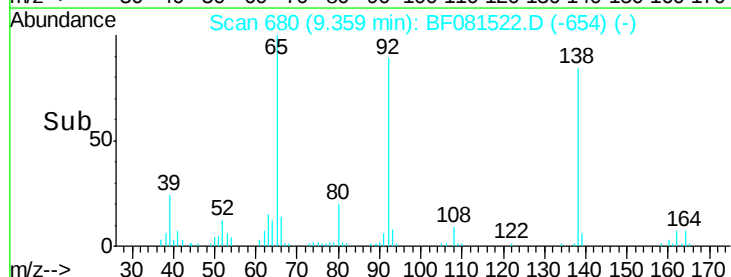
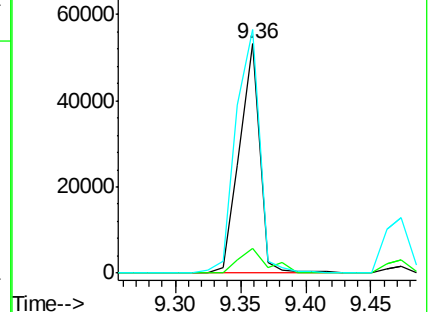
92 106.3 67.7 101.5#

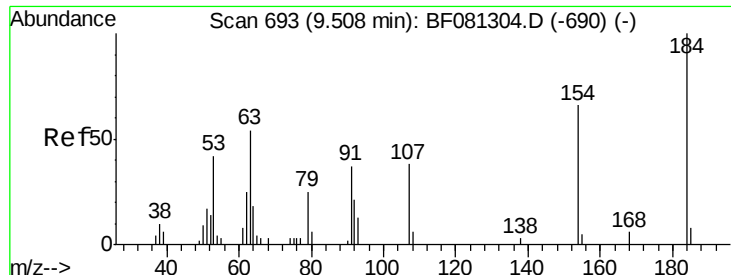


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

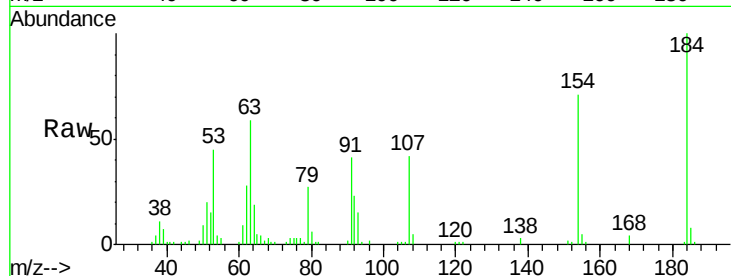




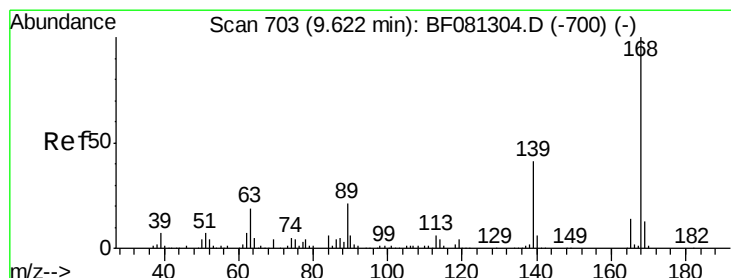
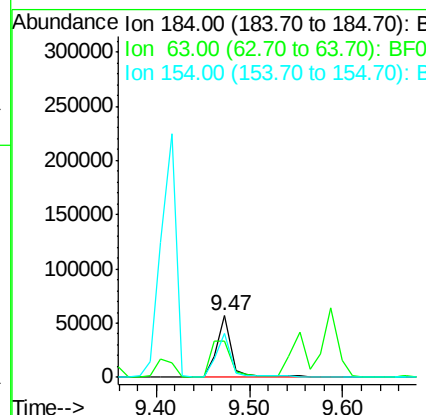
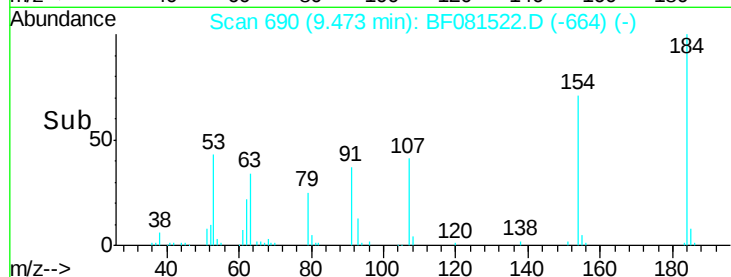
#53
 2,4-Dinitrophenol
 Concen: 83.08 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 64390
 Ion Ratio Lower Upper
 184 100
 63 58.7 35.4 53.2#
 154 70.8 32.2 48.4#

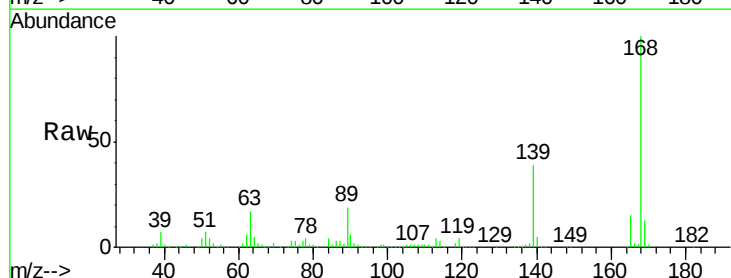


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

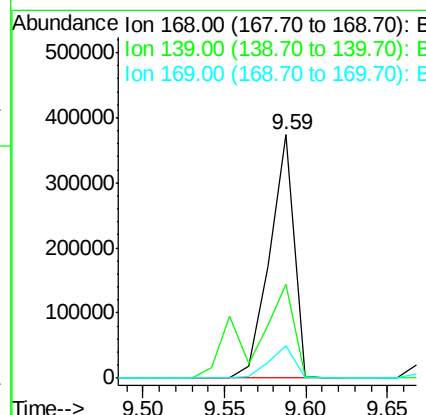
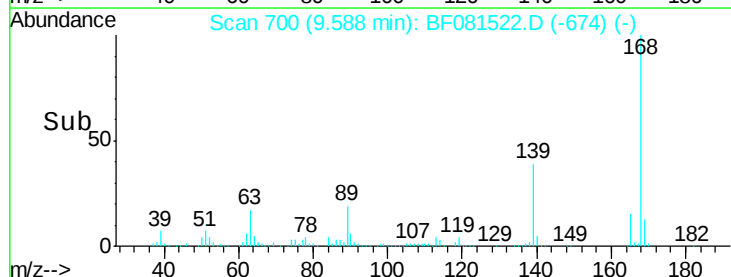


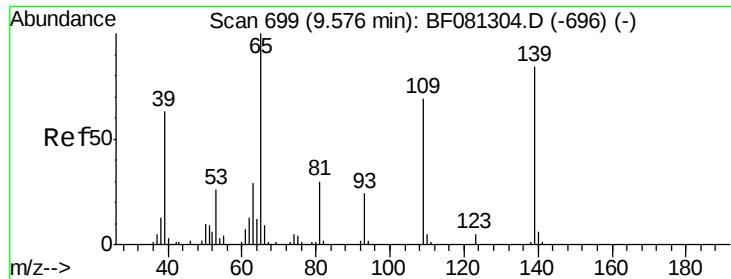
#54
 Dibenzofuran
 Concen: 38.04 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:168 Resp: 388577
 Ion Ratio Lower Upper
 168 100
 139 38.7 24.2 36.2#
 169 13.1 10.6 15.8



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

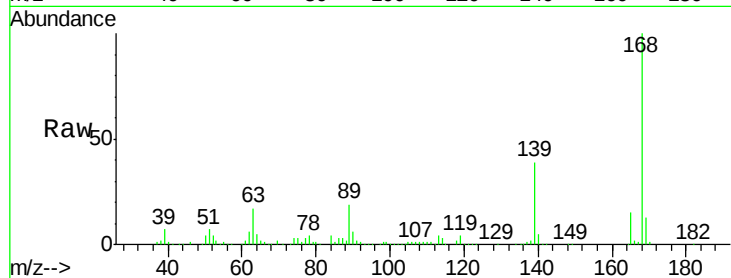




#55
4-Nitrophenol
Concen: 191.12 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.03 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	2.0	12.7	52.7#
65	6.2	45.9	85.9#

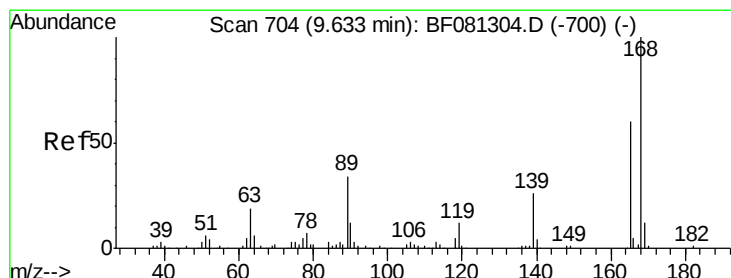
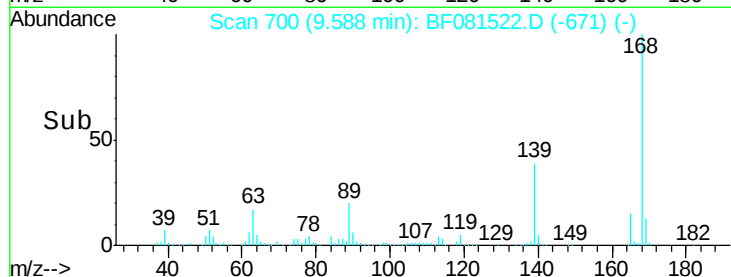
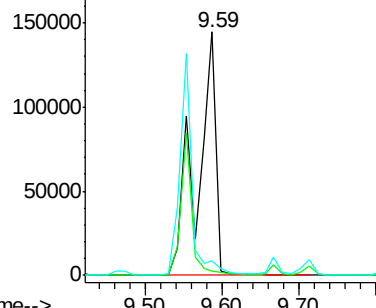


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56
2,4-Dinitrotoluene
Concen: 34.78 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	28.0	29.8	44.6#
89	51.0	44.5	66.7
182	2.3	3.0	4.4#

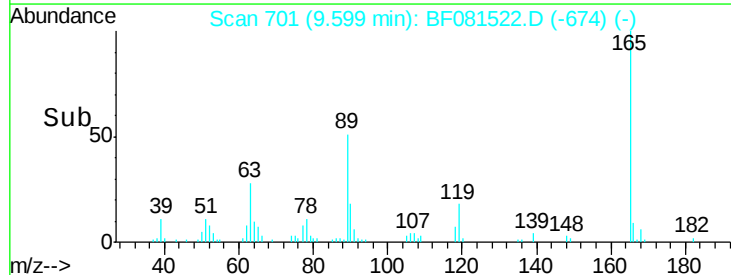
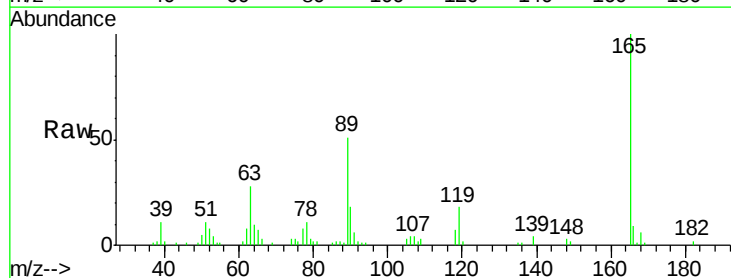
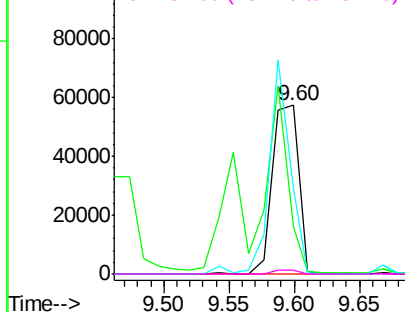
Abundance

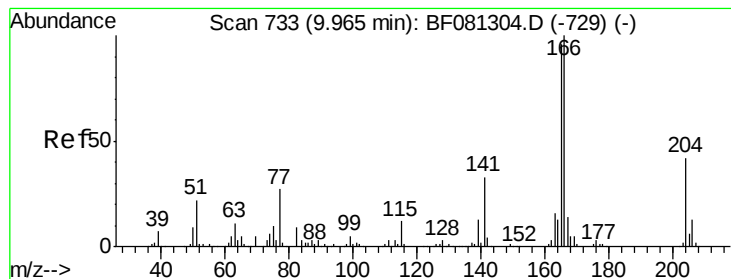
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.04 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

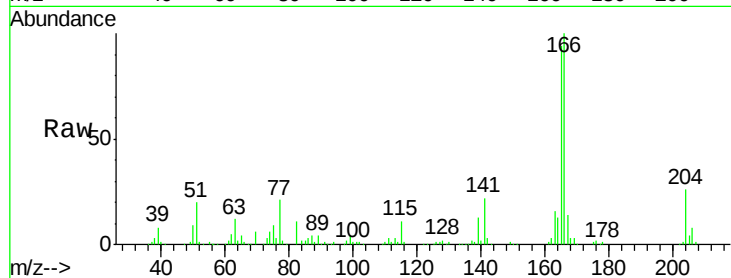
Tot Ion:166 Resp: 271625

Ion Ratio Lower Upper

166 100

165 93.5 72.6 109.0

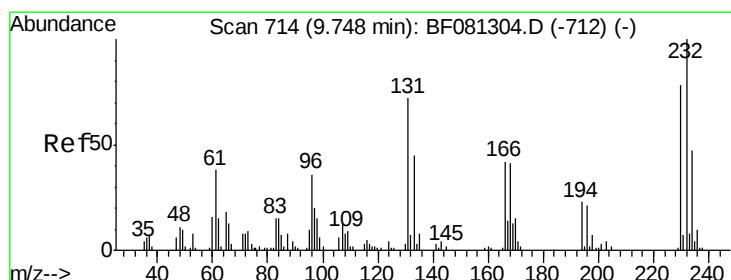
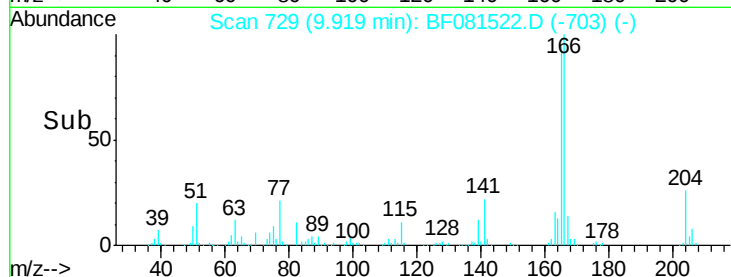
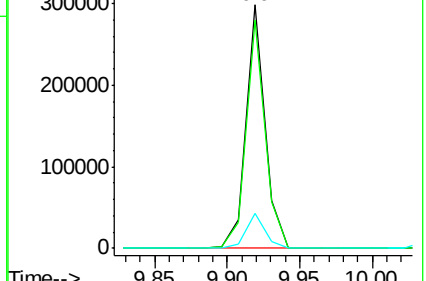
167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.19 ng

RT: 9.71 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Tgt Ion:232 Resp: 71291

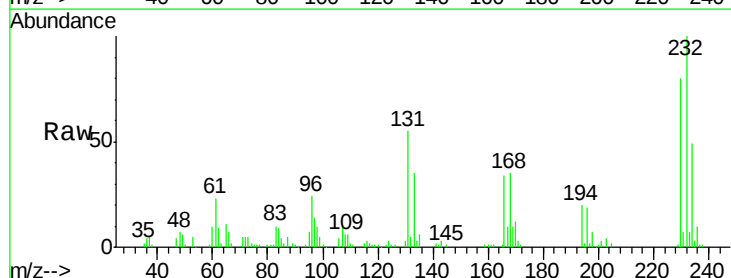
Ion Ratio Lower Upper

232 100

131 56.5 38.5 57.7

130 2.4 1.8 2.6

166 33.8 25.0 37.6

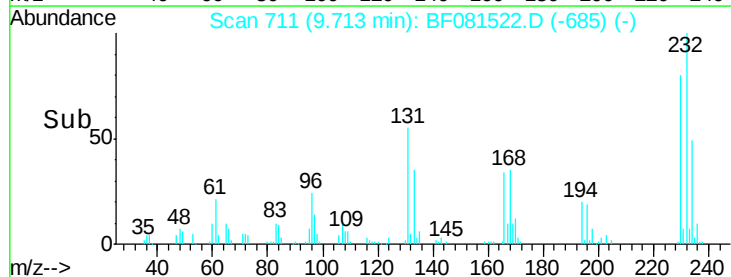
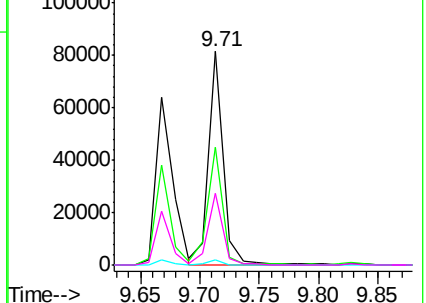


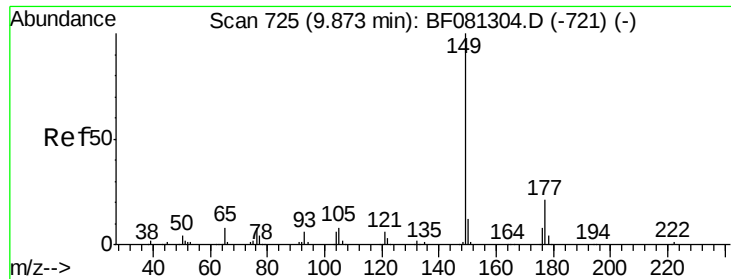
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

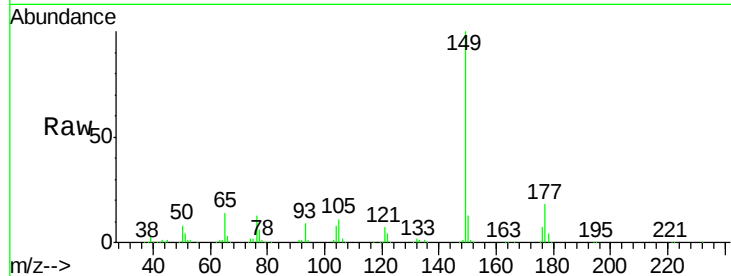




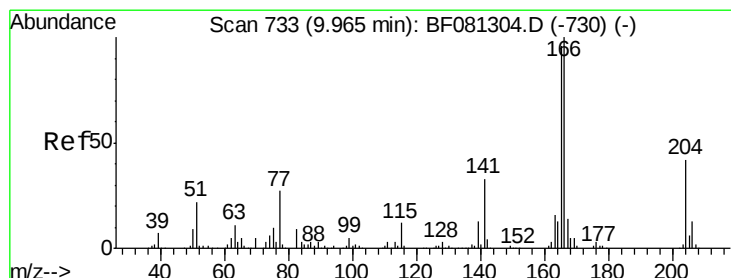
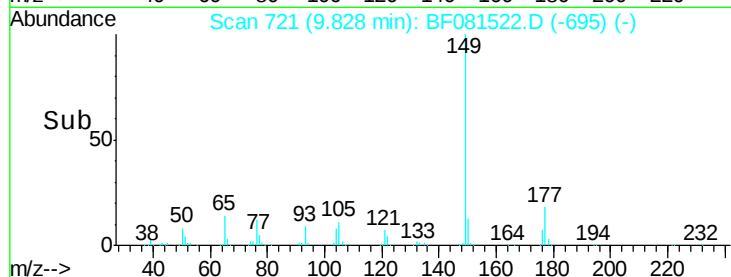
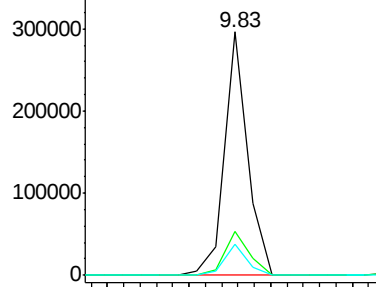
#59
Diethylphthalate
Concen: 34.24 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 292004
Ion Ratio Lower Upper
149 100
177 18.3 17.5 26.3
150 12.9 9.4 14.2

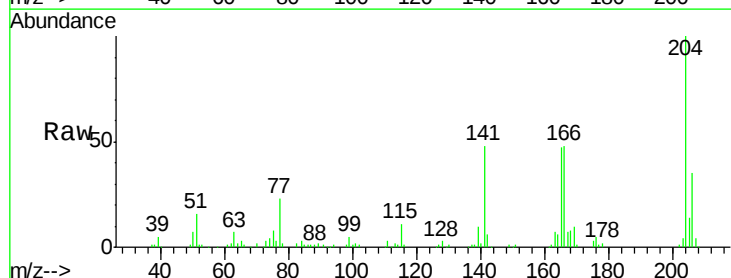


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

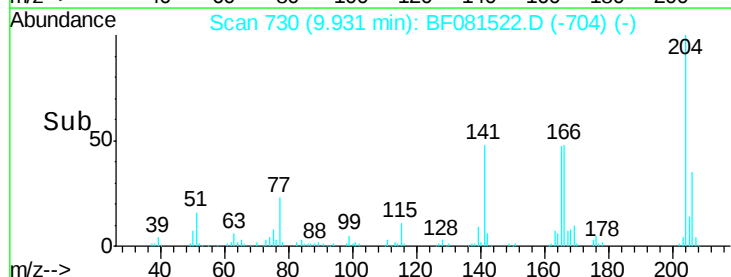
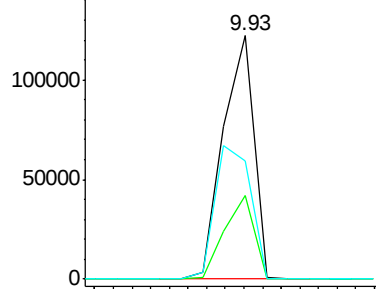


#60
4-Chlorophenyl-phenylether
Concen: 38.64 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:204 Resp: 139617
Ion Ratio Lower Upper
204 100
206 34.6 24.8 37.2
141 48.3 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

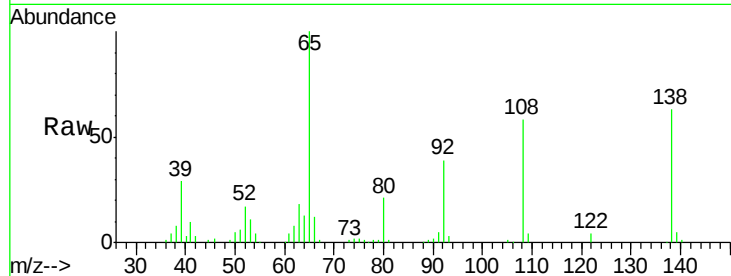




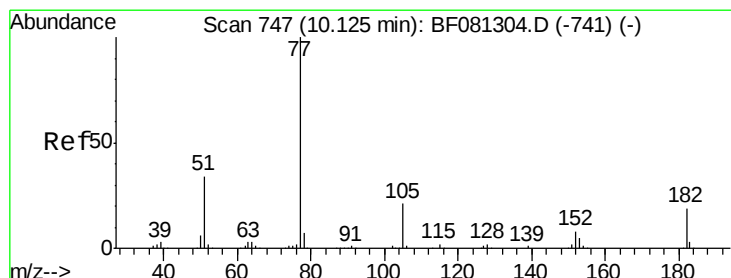
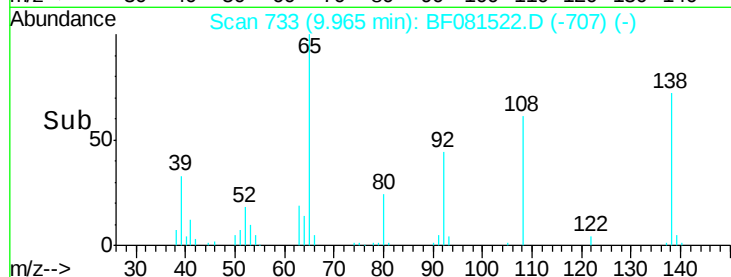
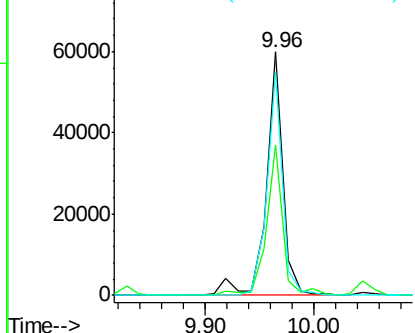
#61
4-Nitroaniline
Concen: 30.50 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 64556
Ion Ratio Lower Upper
138 100
92 61.6 12.6 52.6#
108 91.9 12.4 52.4#

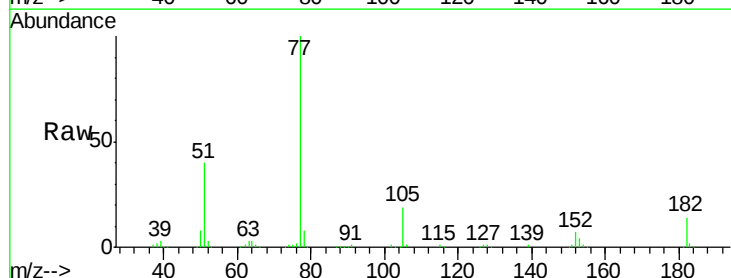


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

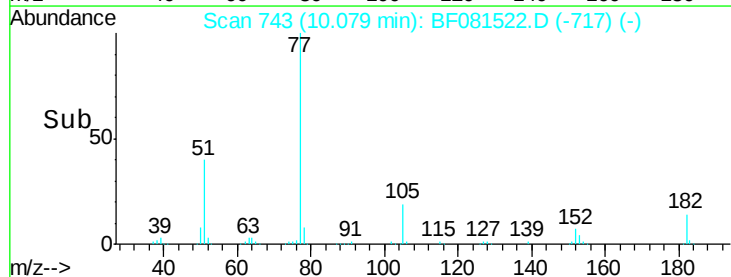
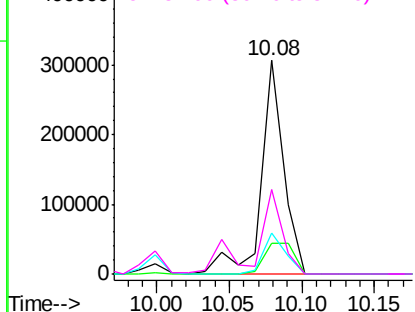


#62
Azobenzene
Concen: 34.99 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion: 77 Resp: 331771
Ion Ratio Lower Upper
77 100
182 14.4 15.1 55.1#
105 19.3 3.4 43.4
51 39.8 12.0 52.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

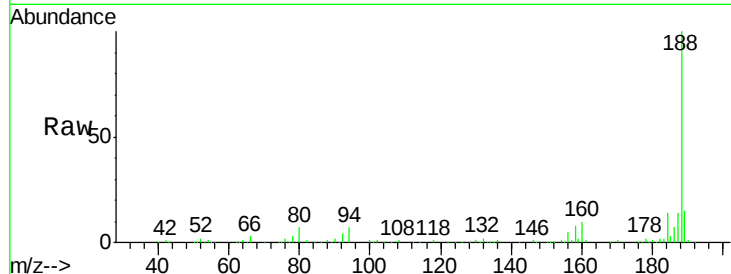




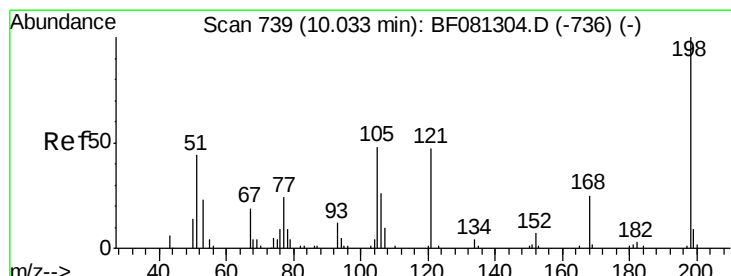
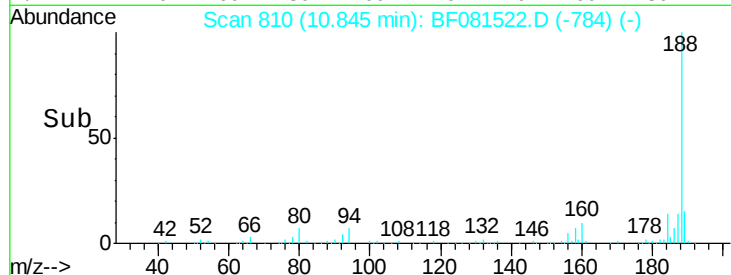
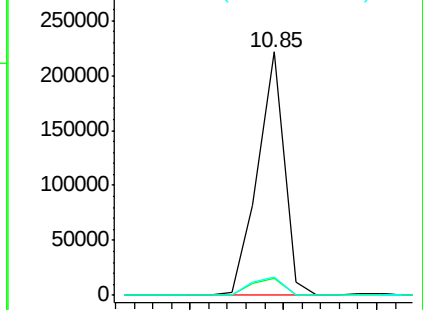
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	188	Resp	218828
Ion Ratio	100	Lower	Upper
94	7.0	11.1	16.7#
80	7.5	11.0	16.4#

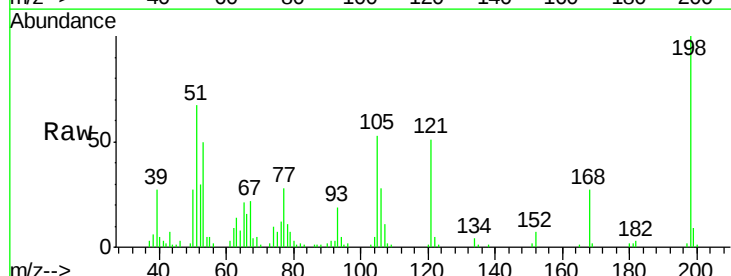


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

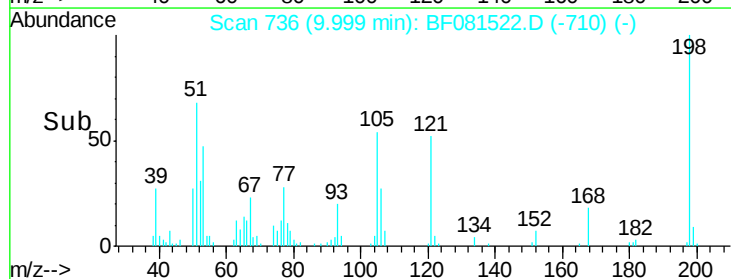
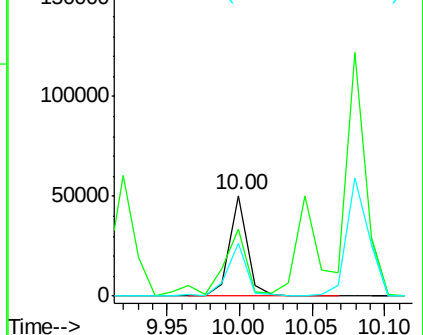


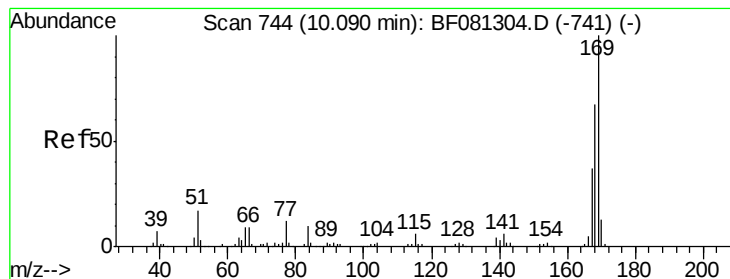
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.91 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion	198	Resp	43953
Ion Ratio	100	Lower	Upper
51	66.9	39.6	79.6
105	53.1	28.5	68.5



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

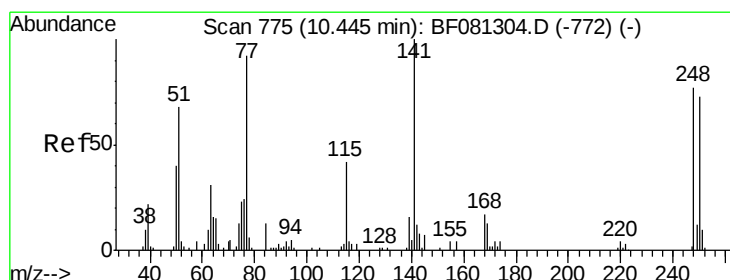
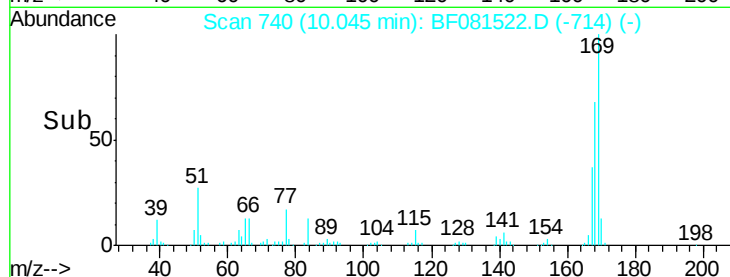
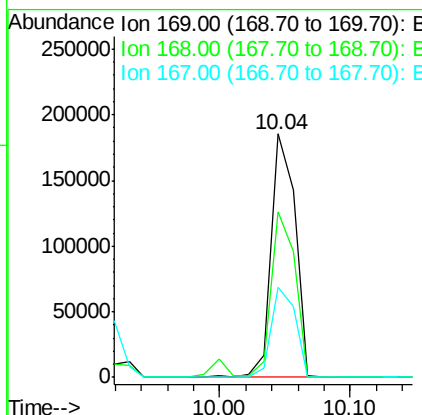
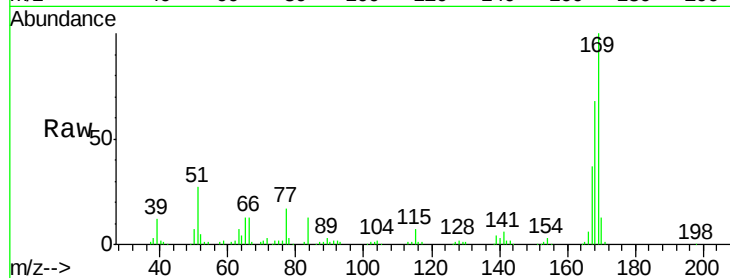




#65
 n-Nitrosodiphenylamine
 Concen: 30.07 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

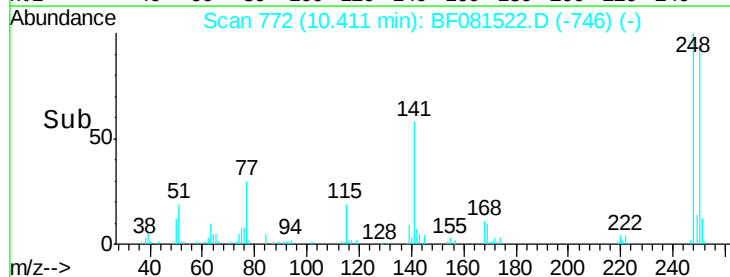
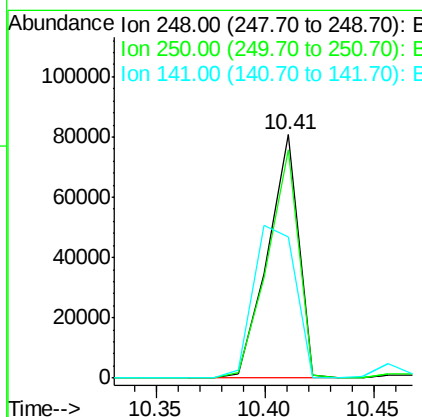
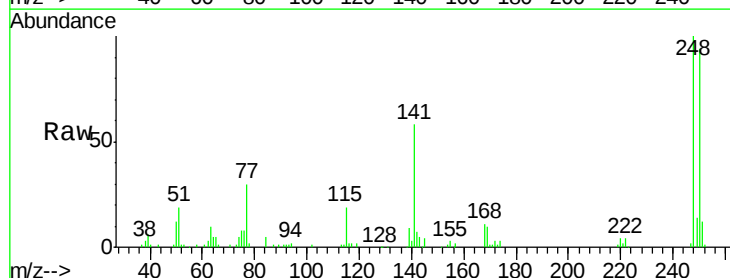
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	48.9	73.3
167	36.9	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 36.59 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	78.5	117.7
141	58.0	59.0	88.6

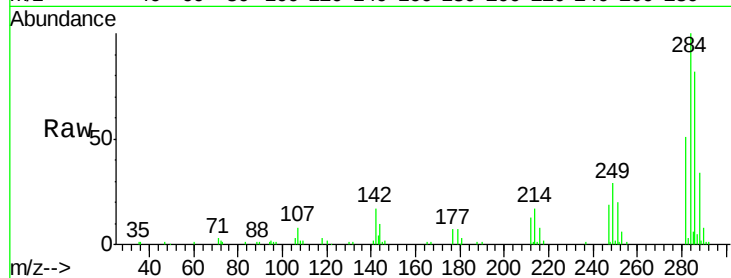




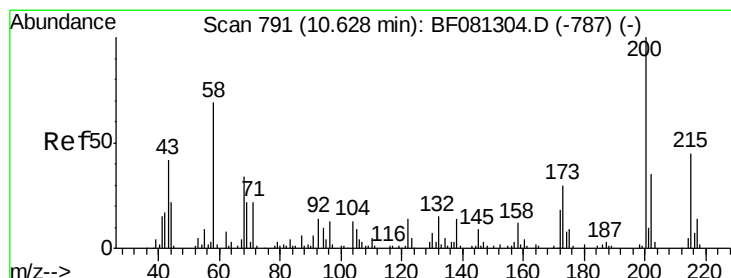
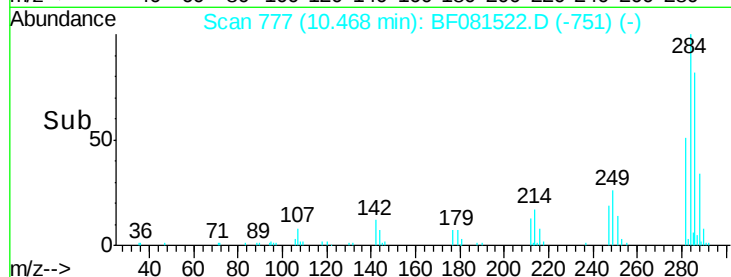
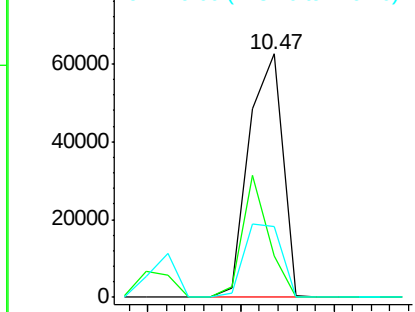
#67
Hexachlorobenzene
Concen: 33.77 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 78127
Ion Ratio Lower Upper
284 100
142 16.9 29.5 44.3#
249 29.0 19.5 29.3

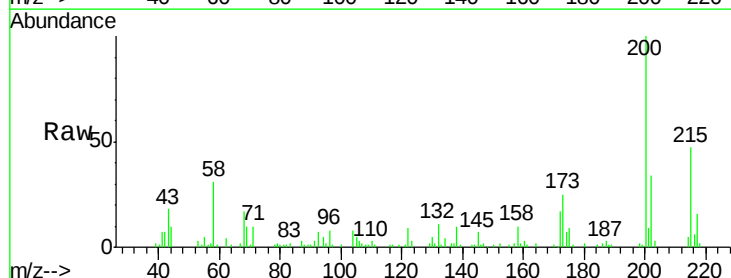


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

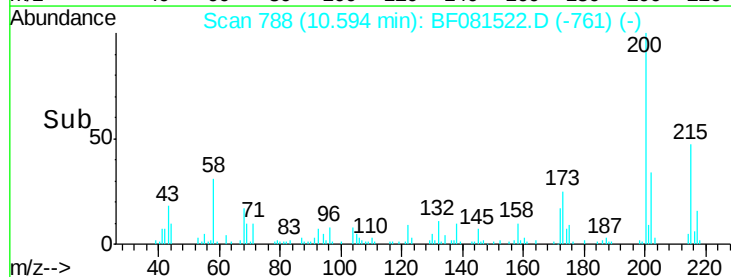
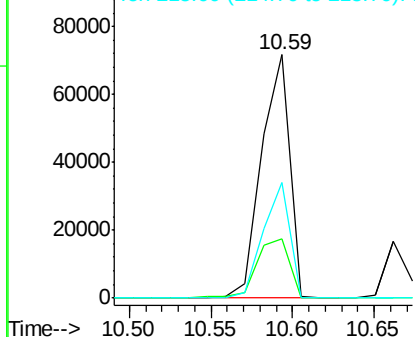


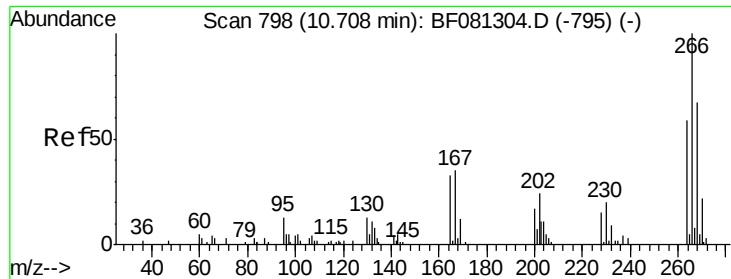
#68
Atrazine
Concen: 37.32 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:200 Resp: 85990
Ion Ratio Lower Upper
200 100
173 24.6 13.2 53.2
215 47.4 41.8 81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

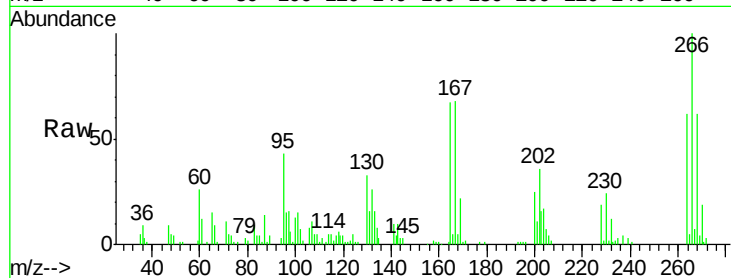




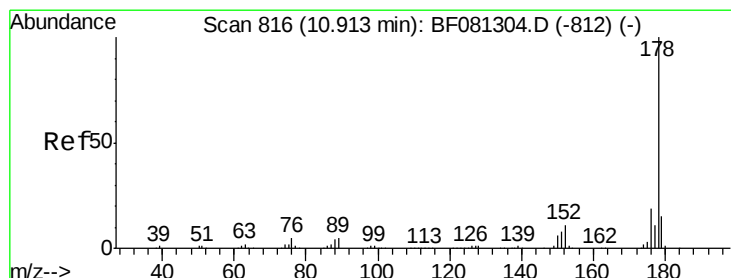
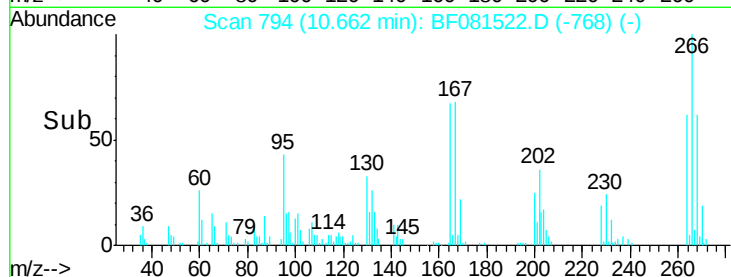
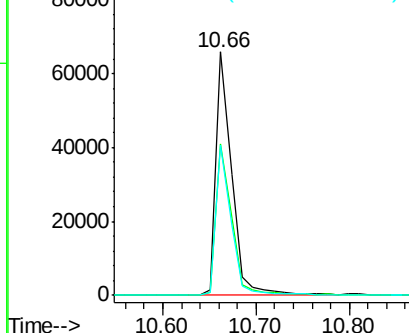
#69
 Pentachlorophenol
 Concen: 69.63 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 76986
 Ion Ratio Lower Upper
 266 100
 268 62.1 49.8 74.6
 264 61.9 50.2 75.2

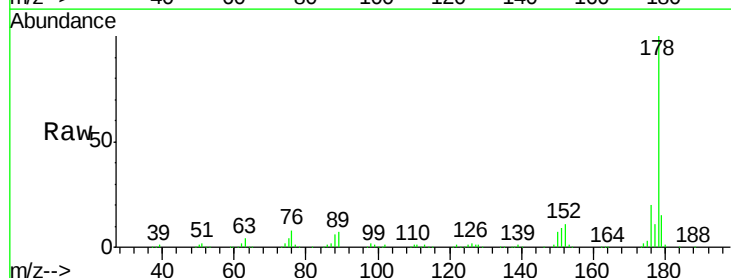


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

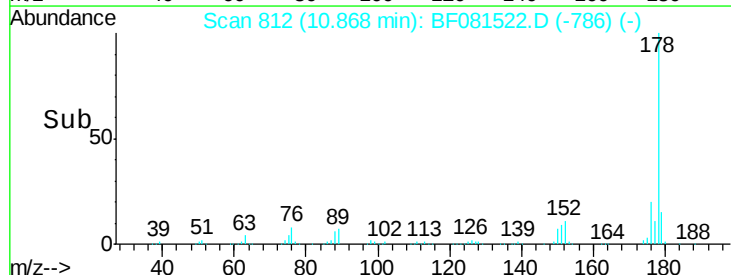
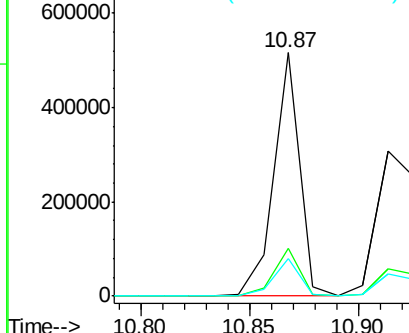


#70
 Phenanthrene
 Concen: 35.59 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:178 Resp: 432980
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.3 12.2 18.2



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

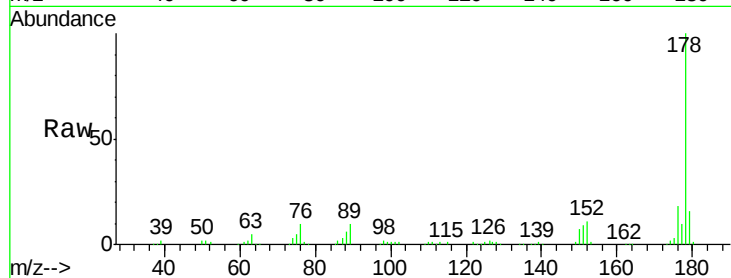




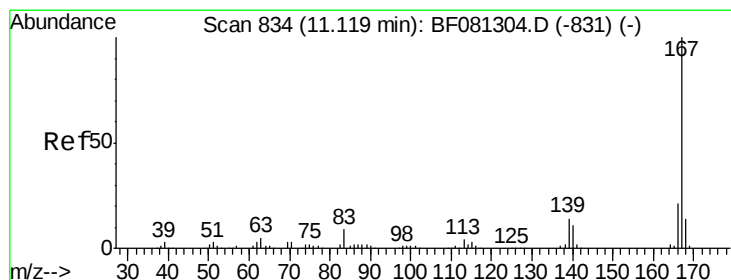
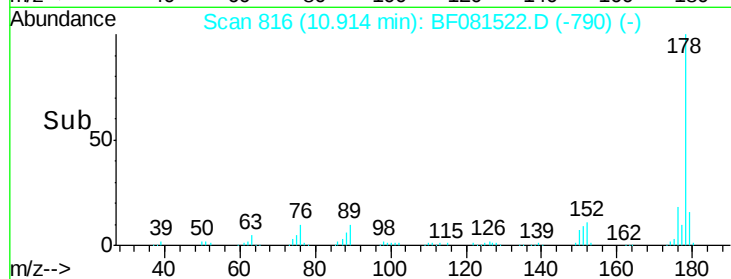
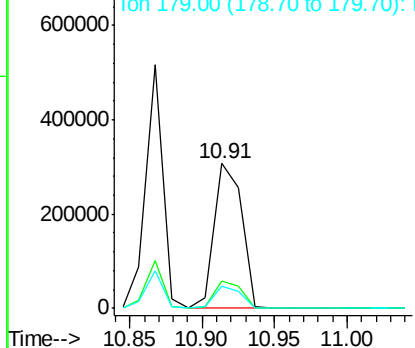
#71
 Anthracene
 Concen: 32.36 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 404468
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.1 21.1
 179 15.6 12.2 18.2

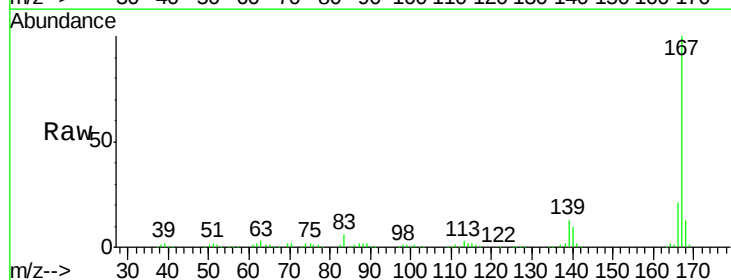


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

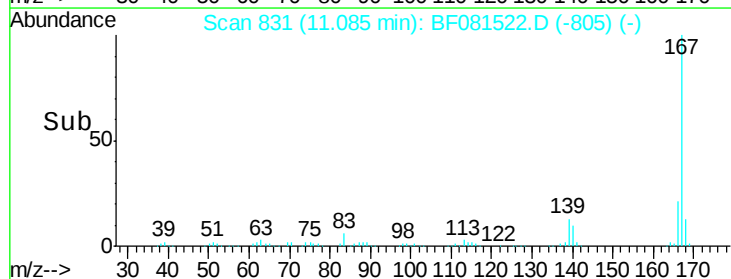
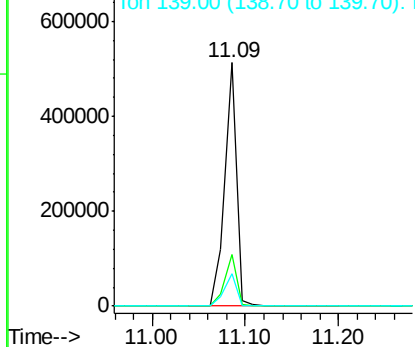


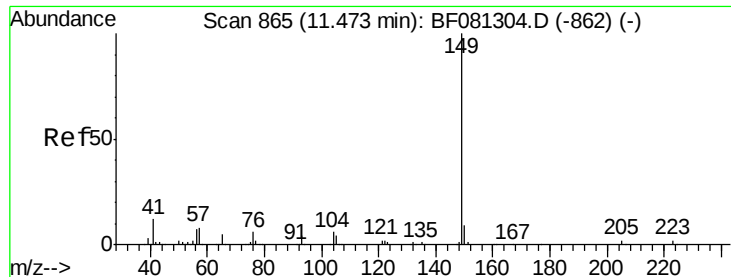
#72
 Carbazole
 Concen: 38.24 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:167 Resp: 448478
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.3 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.71 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

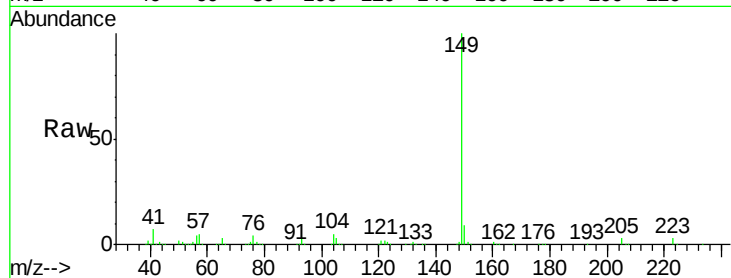
Tot Ion:149 Resp: 536093

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

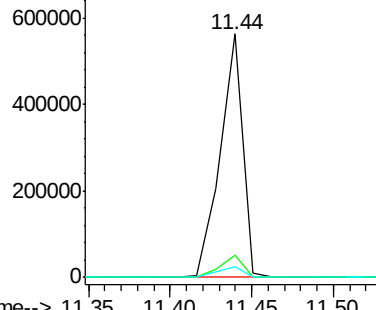
104 4.6 2.4 3.6#



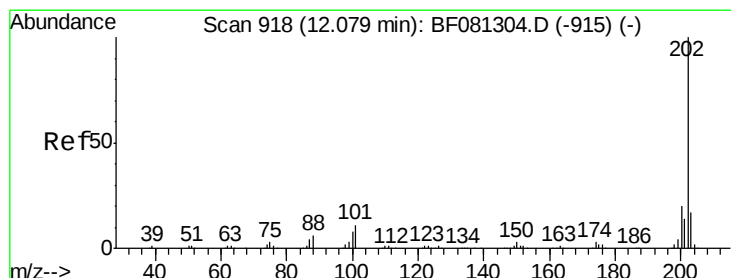
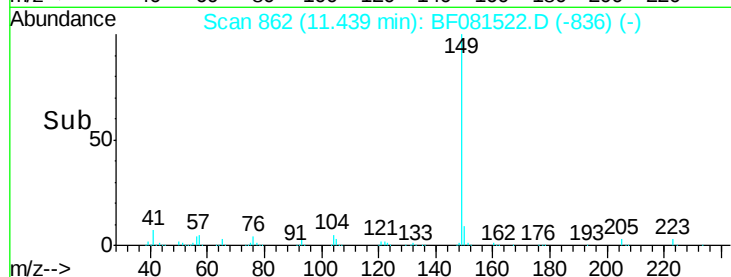
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 11.35 11.40 11.45 11.50



#74

Fluoranthene

Concen: 33.07 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

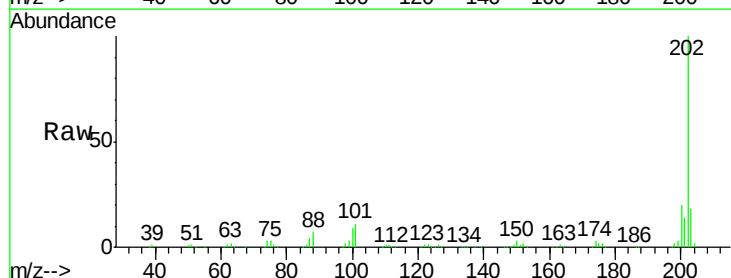
Tgt Ion:202 Resp: 435498

Ion Ratio Lower Upper

202 100

101 11.2 0.0 38.3

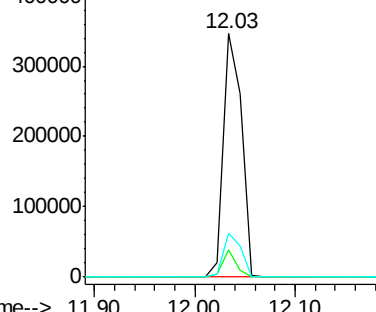
203 18.1 0.0 37.3



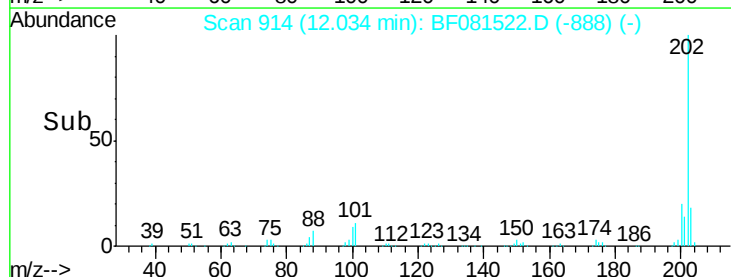
Abundance Ion 202.00 (201.70 to 202.70): E

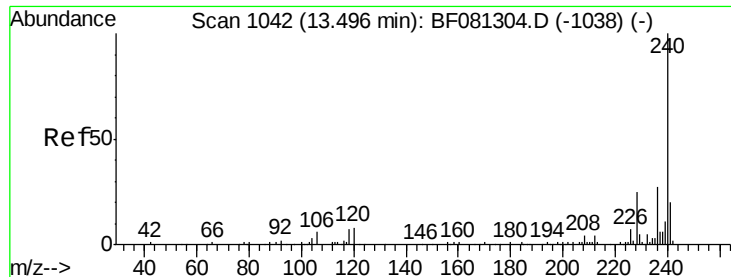
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 11.90 12.00 12.10

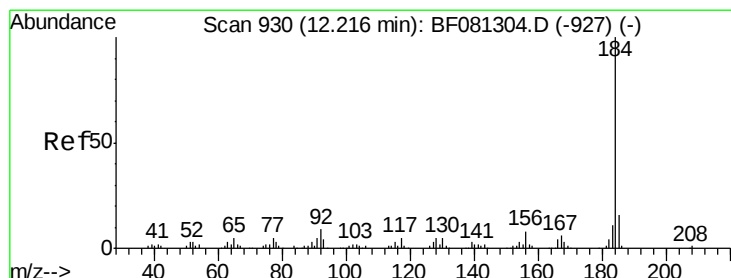
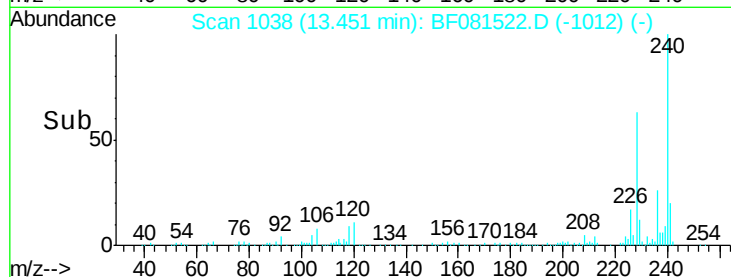
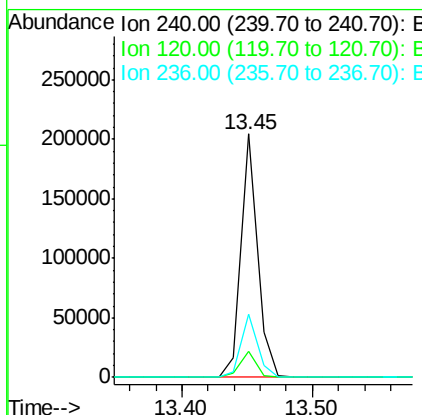
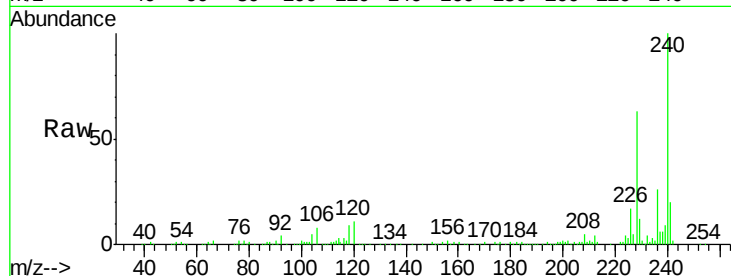




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

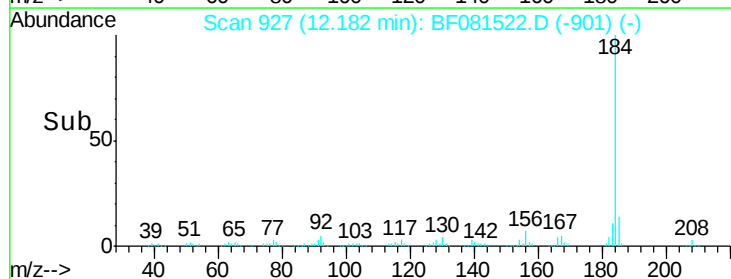
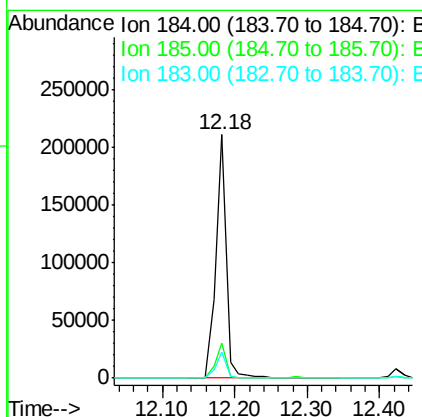
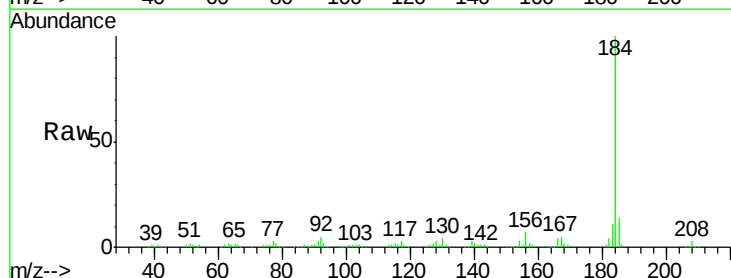
Instrument :
 BNA_F
 ClientSampleId :

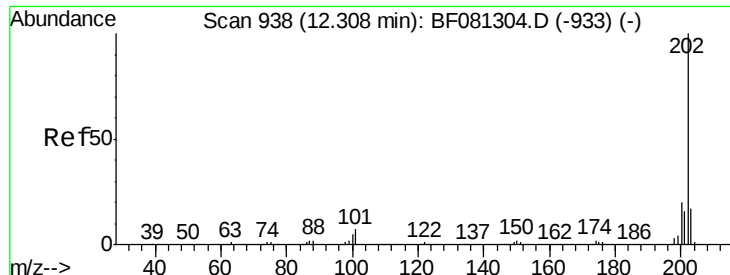
Tot Ion:240 Resp: 179919
 Ion Ratio Lower Upper
 240 100
 120 10.9 16.2 24.2#
 236 25.9 18.4 27.6



#76
 Benzidine
 Concen: 27.08 ng
 RT: 12.18 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:184 Resp: 209166
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.8 17.6
 183 10.6 7.6 11.4

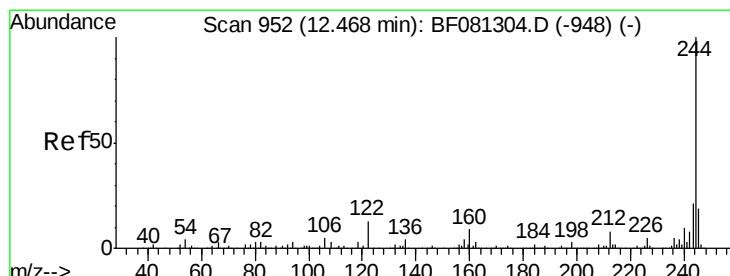
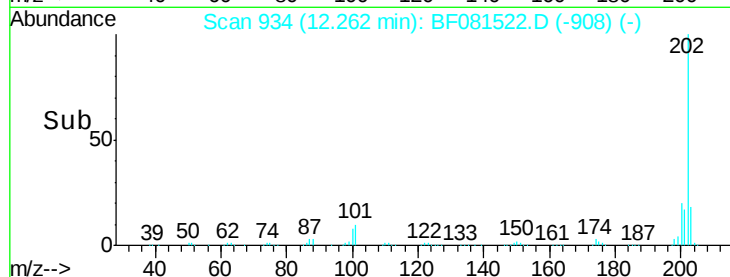
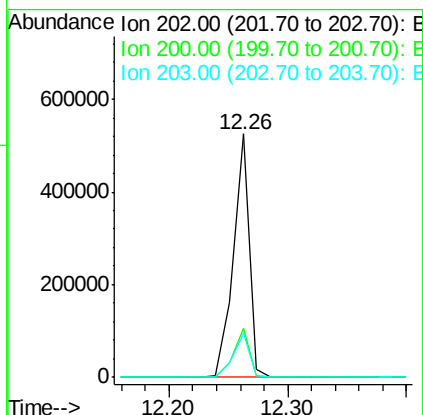
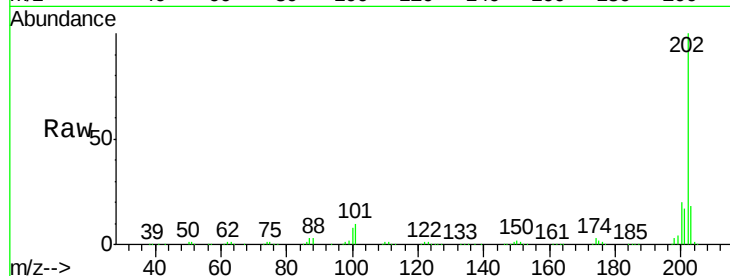




#77
Pvrene
Concen: 36.50 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

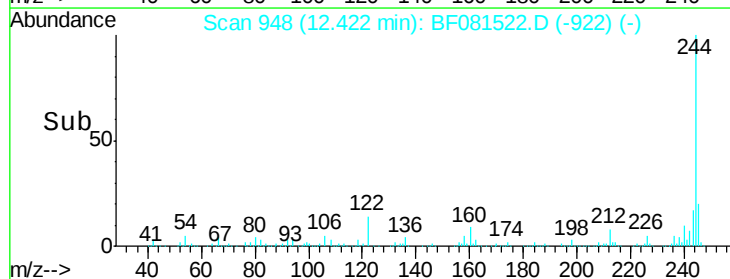
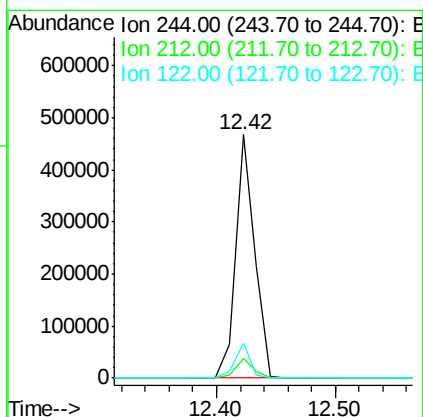
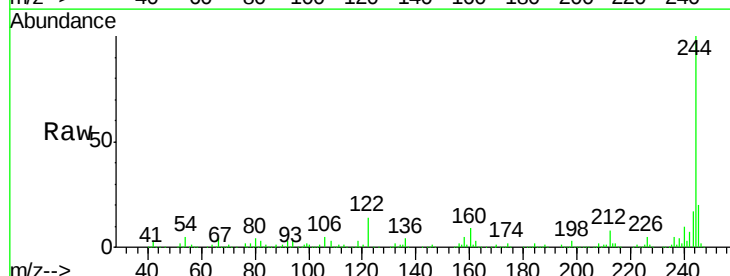
Instrument :
BNA_F
ClientSampleId :

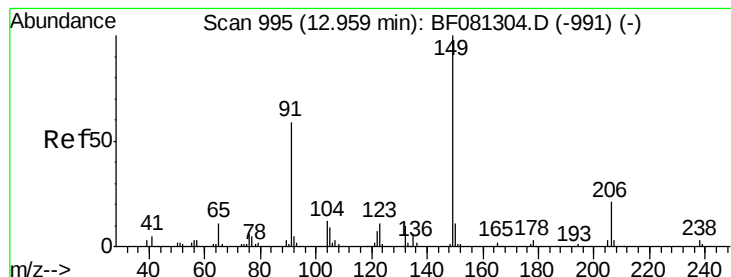
Tot Ion:202 Resp: 486473
Ion Ratio Lower Upper
202 100
200 20.2 15.0 22.4
203 18.1 14.1 21.1



#78
Terphenyl-d14
Concen: 66.89 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:244 Resp: 516967
Ion Ratio Lower Upper
244 100
212 8.1 4.3 6.5#
122 14.1 17.4 26.2#





#79

Butylbenzylphthalate

Concen: 38.94 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

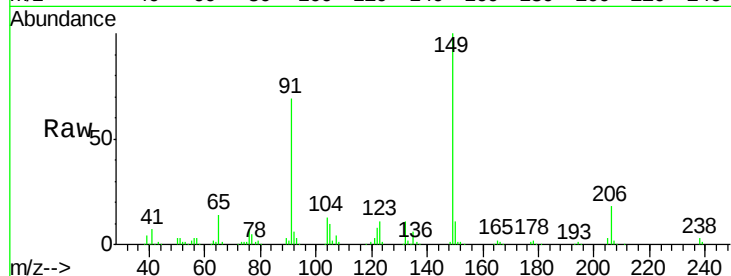
Tot Ion:149 Resp: 225678

Ion Ratio Lower Upper

149 100

91 69.3 48.6 72.8

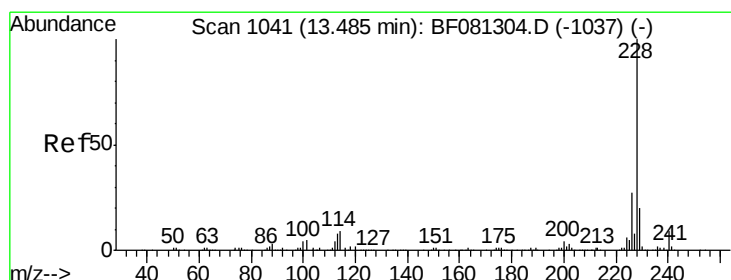
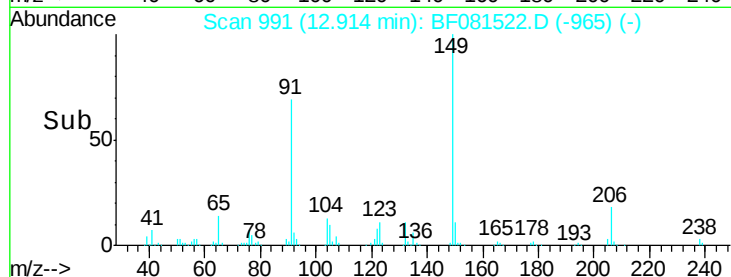
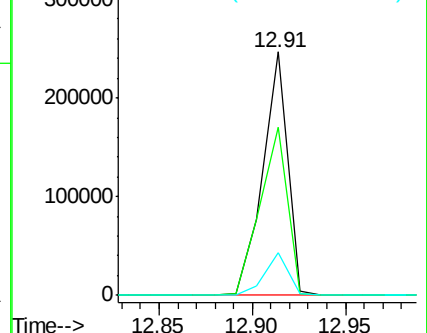
206 17.6 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.06 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

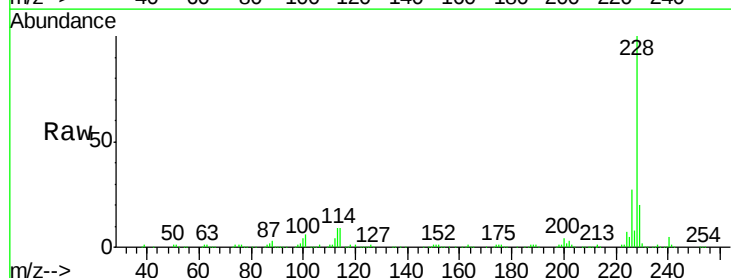
Tgt Ion:228 Resp: 390206

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

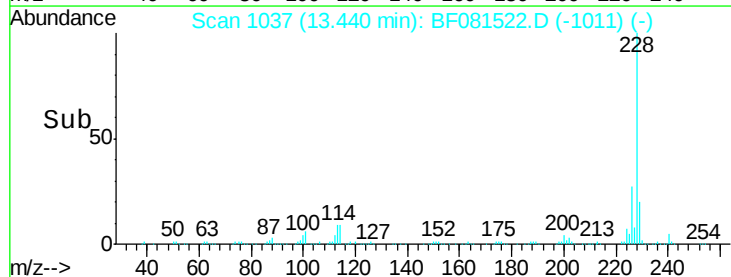
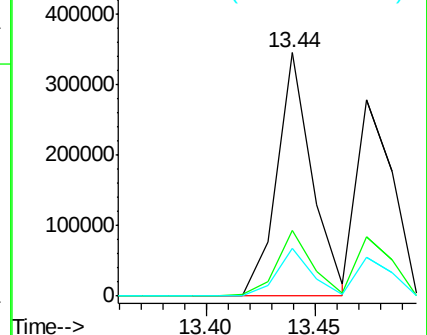
229 19.6 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

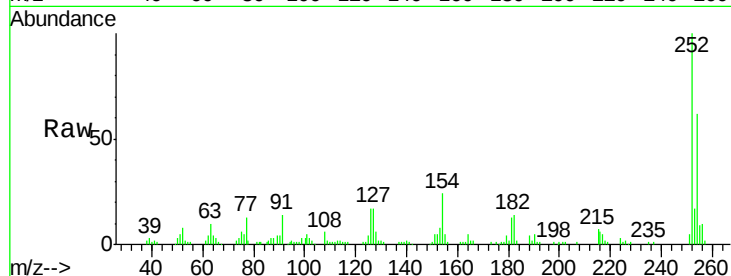




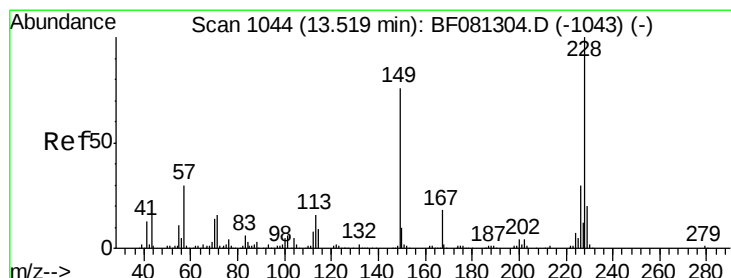
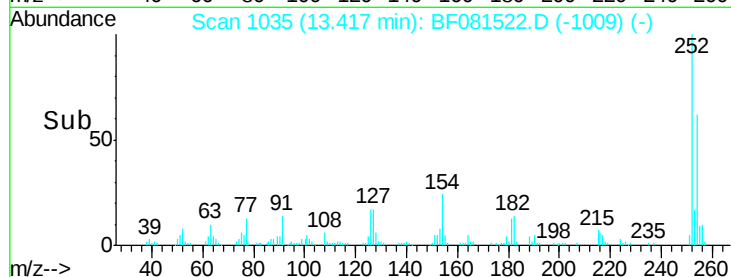
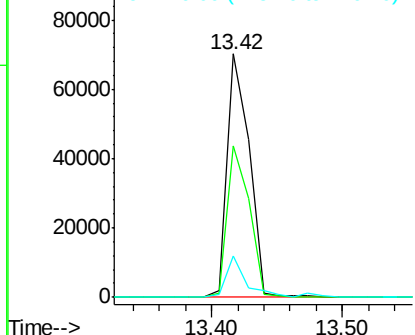
#81
 3,3'-Dichlorobenzidine
 Concen: 21.33 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 82451
 Ion Ratio Lower Upper
 252 100
 254 62.3 51.4 77.2
 126 16.8 16.4 24.6

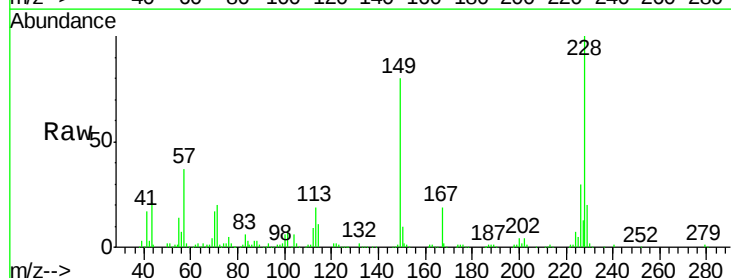


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

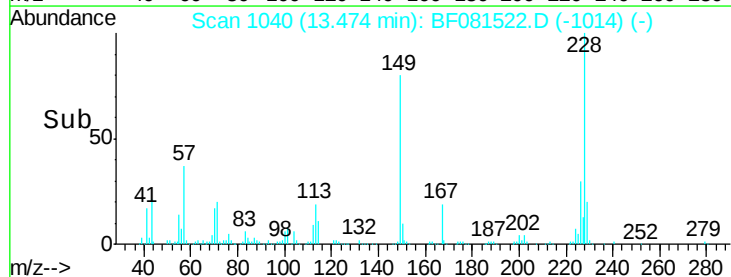
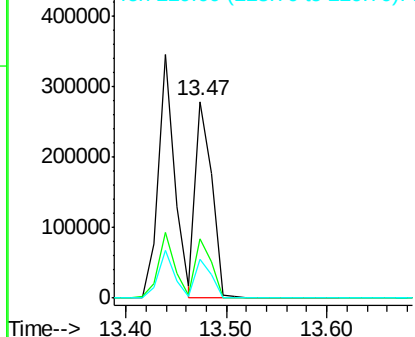


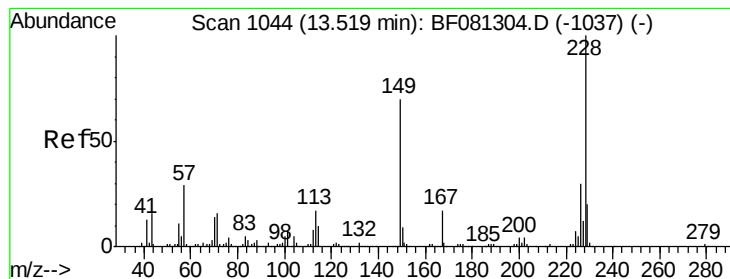
#82
 Chrysene
 Concen: 31.03 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:228 Resp: 318716
 Ion Ratio Lower Upper
 228 100
 226 30.2 21.0 31.4
 229 19.6 15.6 23.4



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: 34.89 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

Instrument :

BNA_F

ClientSampleId :

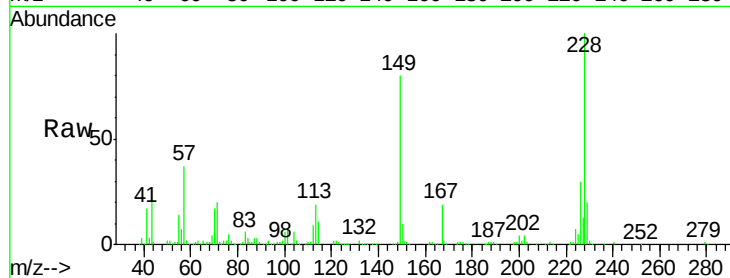
Tot Ion:149 Resp: 266888

Ion Ratio Lower Upper

149 100

167 23.6 24.2 36.2#

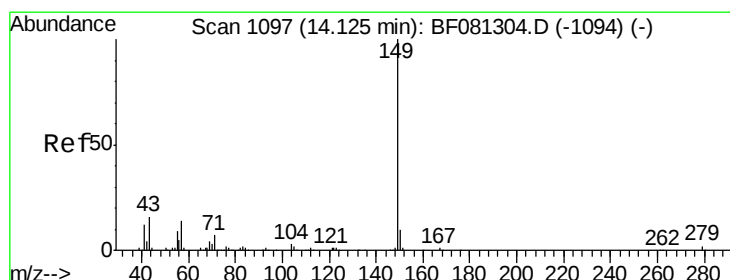
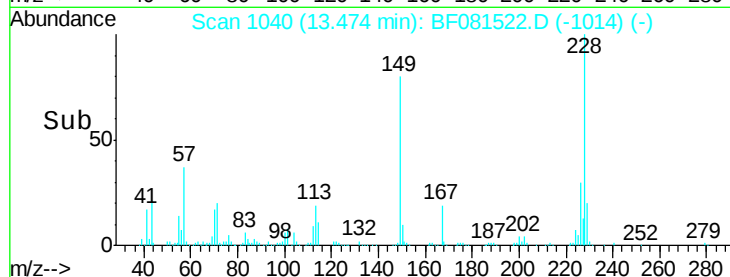
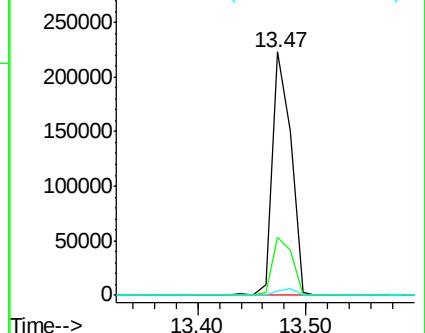
279 1.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.14 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

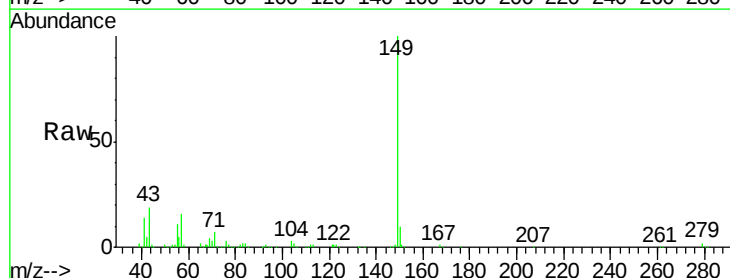
Tgt Ion:149 Resp: 404863

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

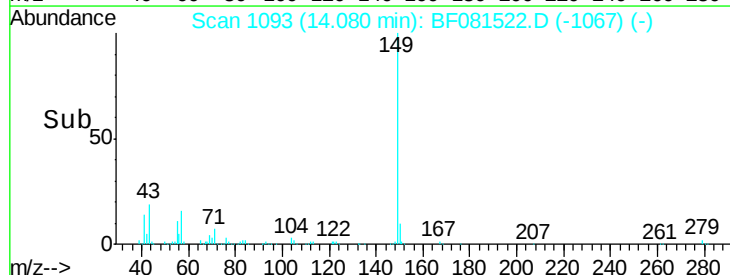
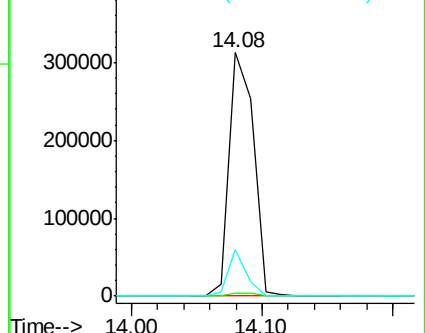
43 15.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

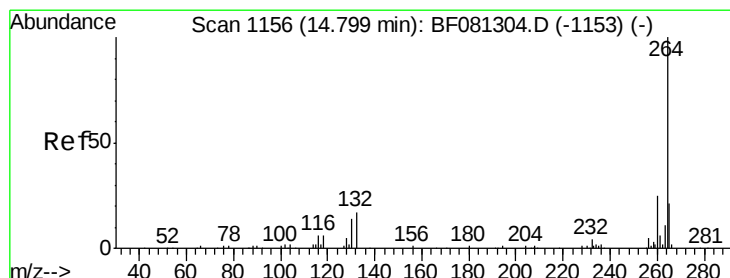
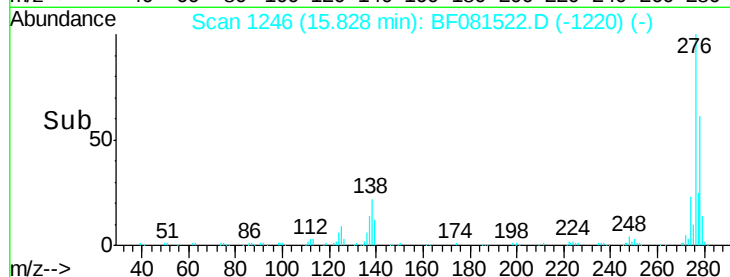
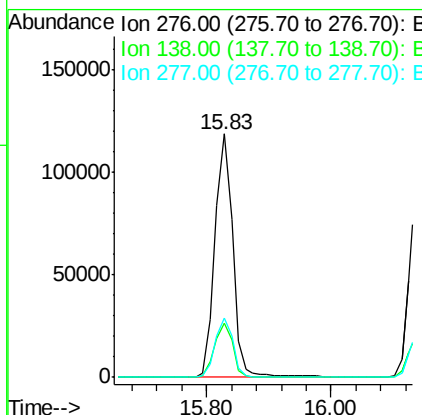
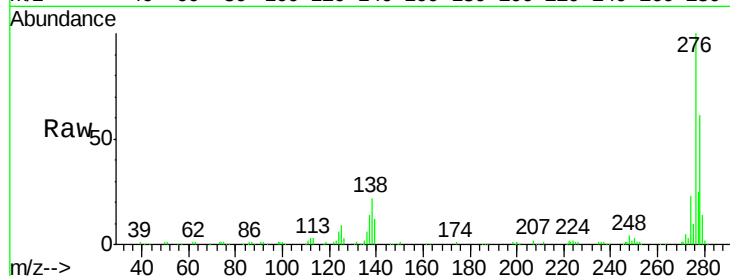




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.15 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

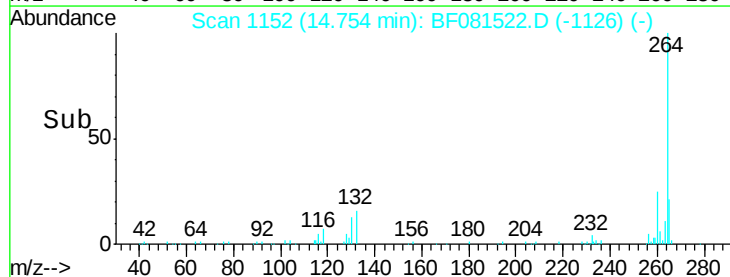
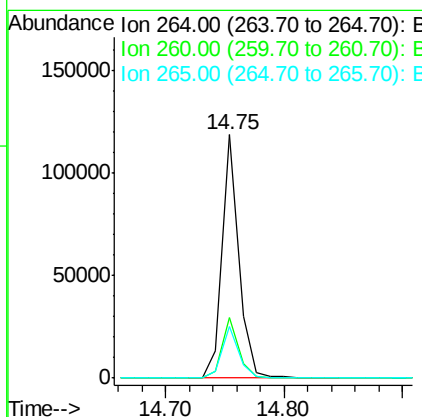
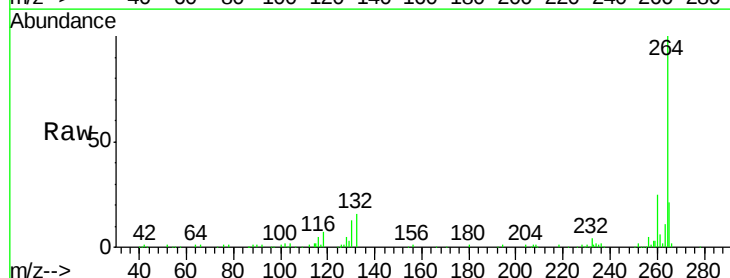
Instrument :
 BNA_F
 ClientSampleId :

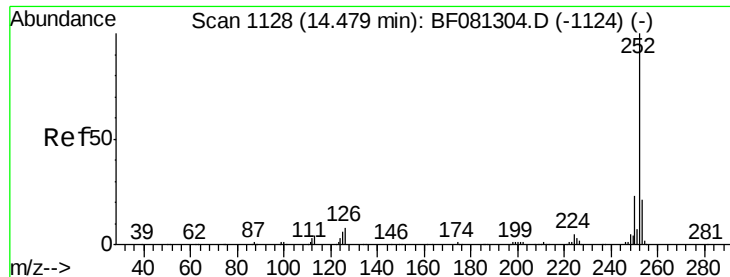
Tot Ion:276 Resp: 234718
 Ion Ratio Lower Upper
 276 100
 138 22.5 25.7 38.5#
 277 24.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:264 Resp: 114846
 Ion Ratio Lower Upper
 264 100
 260 25.0 16.7 25.1
 265 21.1 17.2 25.8

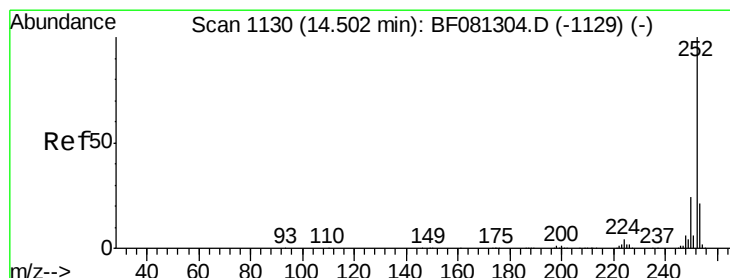
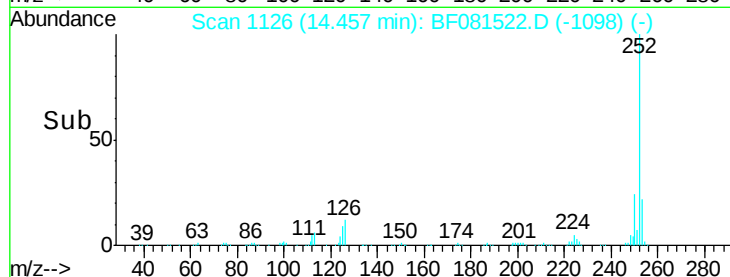
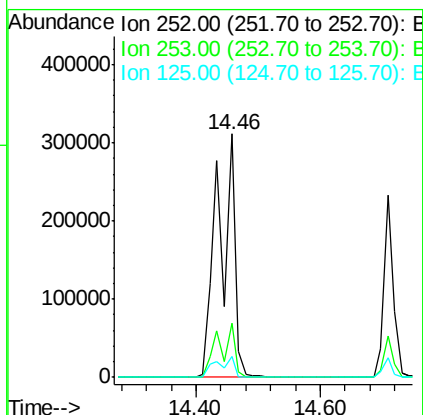
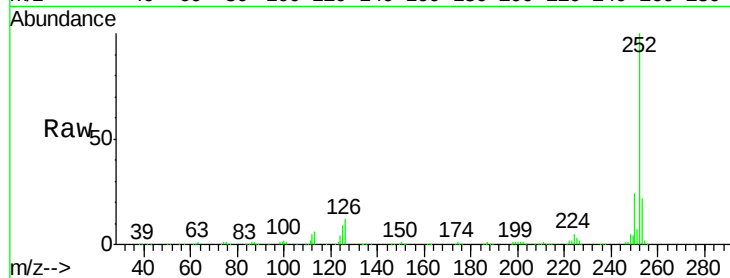




#87
Benzo(b)fluoranthene
Concen: 71.13 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

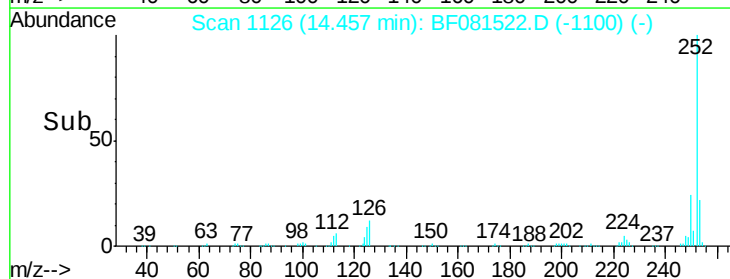
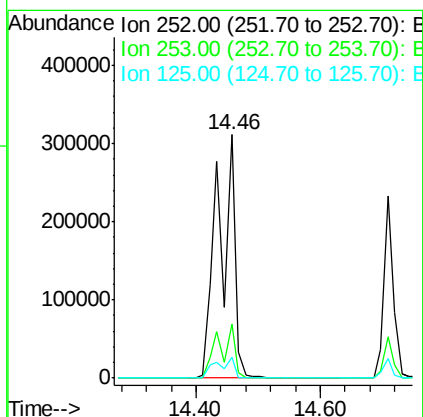
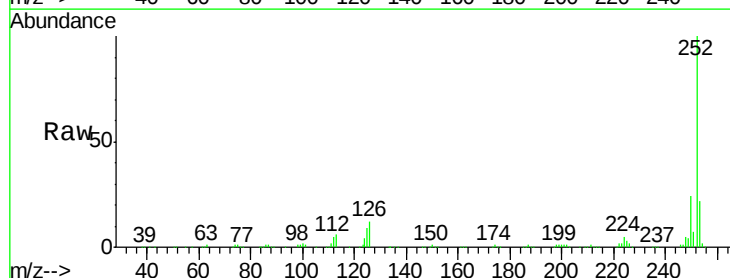
Instrument :
BNA_F
ClientSampleId :

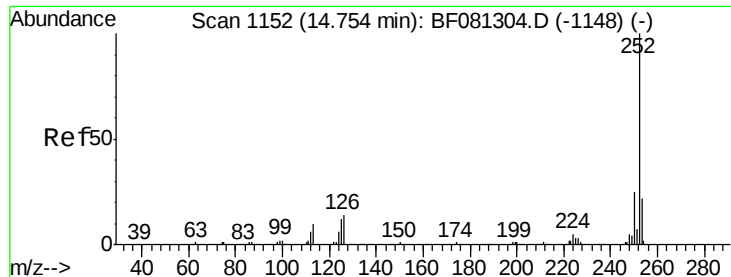
Tot Ion:252 Resp: 583230
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 8.7 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 85.73 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:252 Resp: 583230
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.7 16.0 24.0#

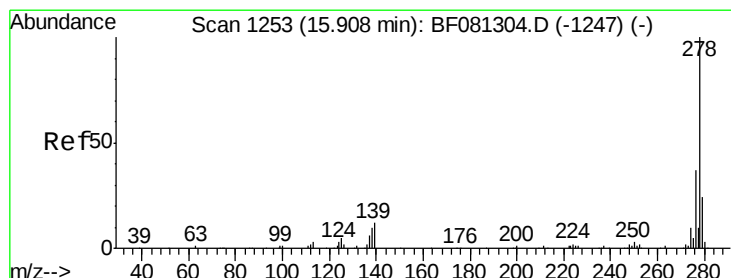
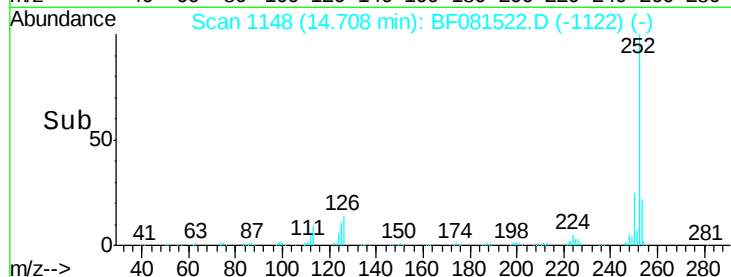
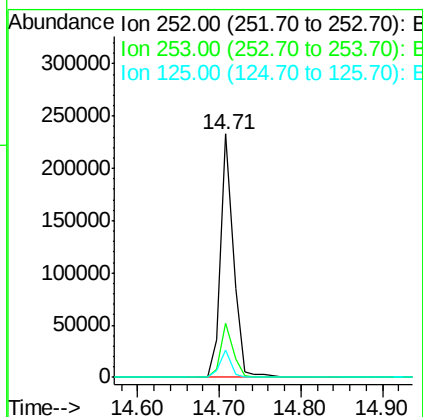
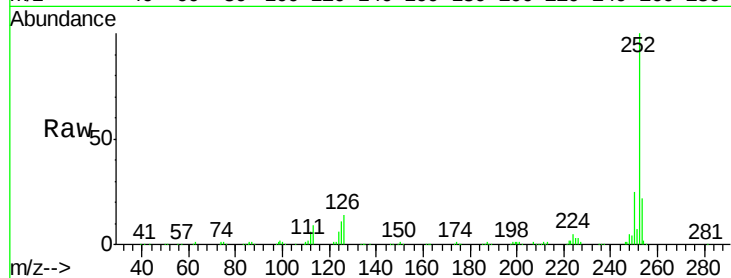




#89
Benzo(a)pyrene
Concen: 36.47 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

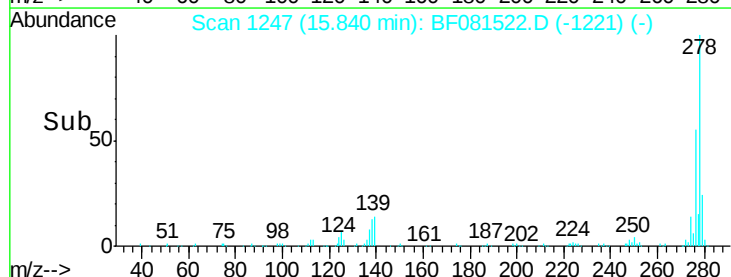
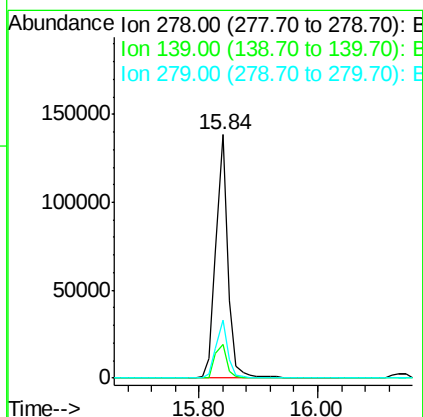
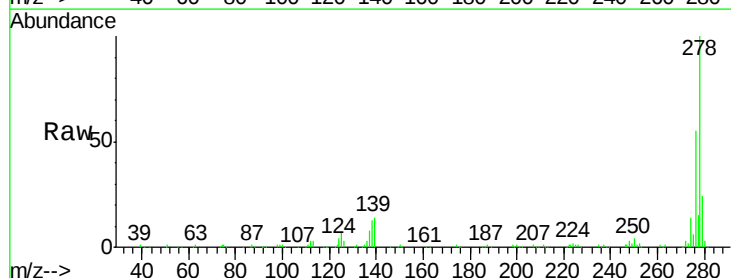
Instrument :
BNA_F
ClientSampleId :

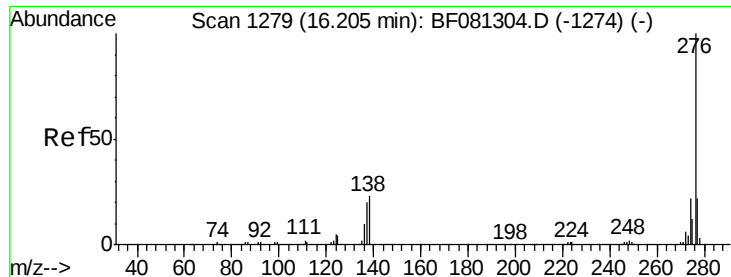
Tot Ion:252 Resp: 253396
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 11.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.49 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Tgt Ion:278 Resp: 195884
Ion Ratio Lower Upper
278 100
139 13.9 26.3 39.5#
279 24.0 18.2 27.4

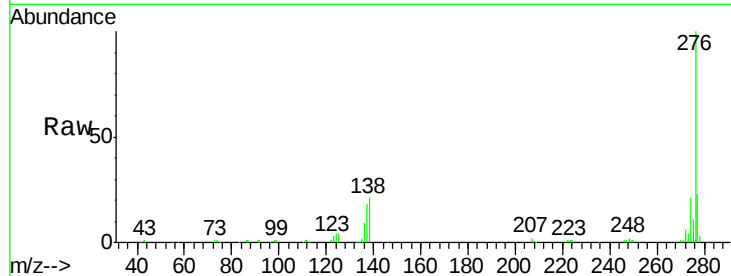




#91
 Benzo(a,h,i)perylene
 Concen: 38.27 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.8	26.6
138	20.9	34.6	51.8#



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

