

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 :
 PB85436BS

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						
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						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

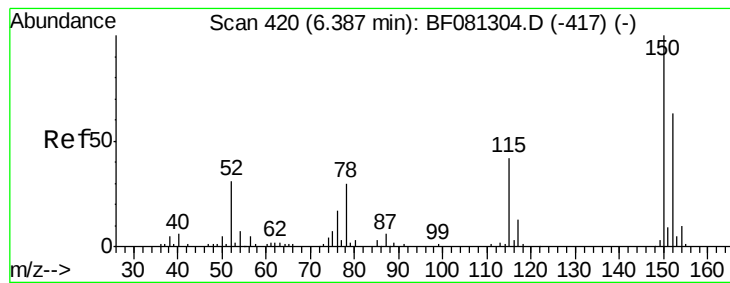
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	76723	33.69	nq	96
43) 2,4,5-Trichlorophenol	8.70	196	79596	34.26	nq	# 92
45) 1,1'-Biphenyl	8.82	154	337185	35.12	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

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PB85436BS

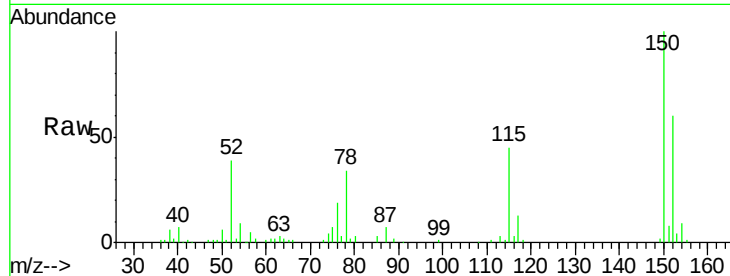
Tot Ion:152 Resp: 55234

Ion Ratio Lower Upper

152 100

150 165.4 124.7 187.1

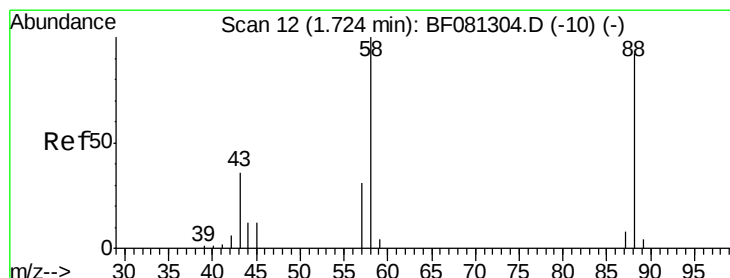
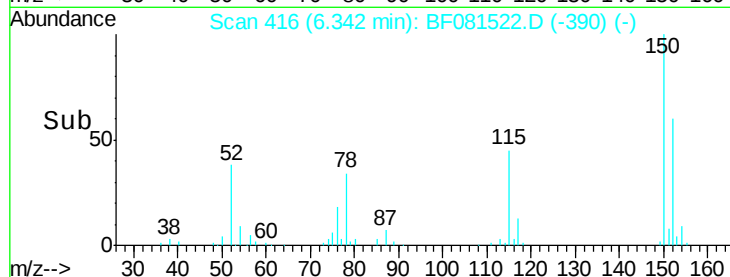
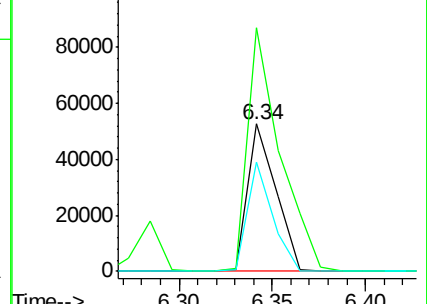
115 73.9 39.0 58.4#



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

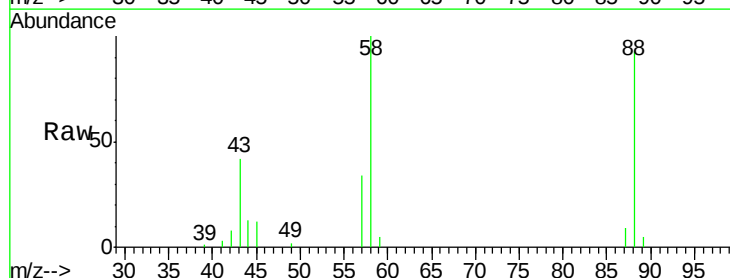
Tgt Ion: 88 Resp: 41264

Ion Ratio Lower Upper

88 100

58 111.7 77.7 116.5

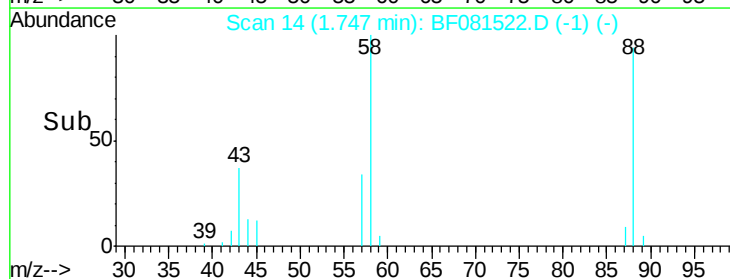
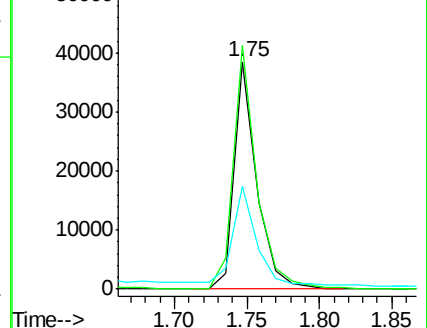
43 51.4 26.6 40.0#

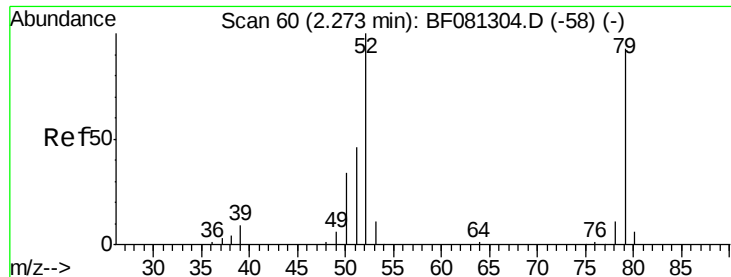


Abundance Ion 88.00 (87.70 to 88.70): BF0

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 :

PB85436BS

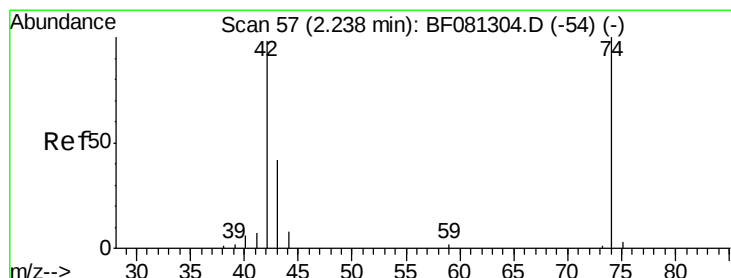
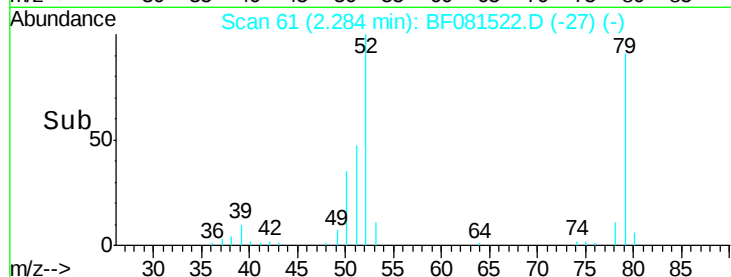
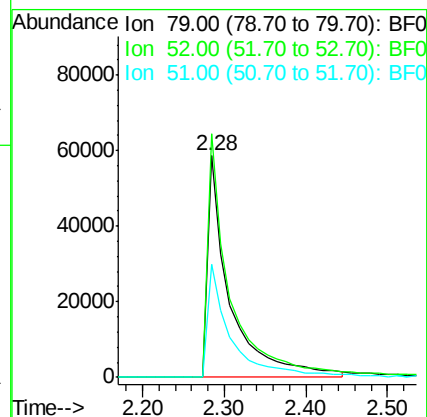
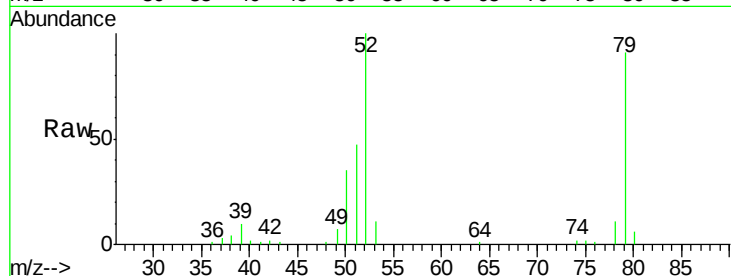
Tot Ion: 79 Resp: 113243

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

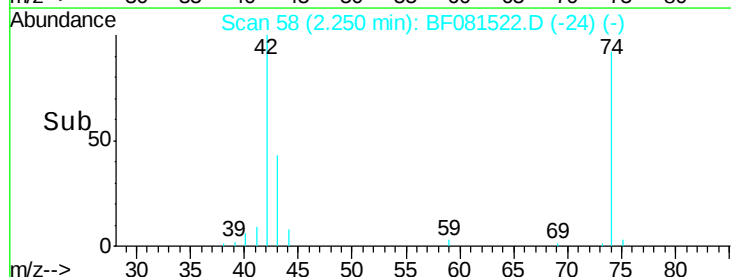
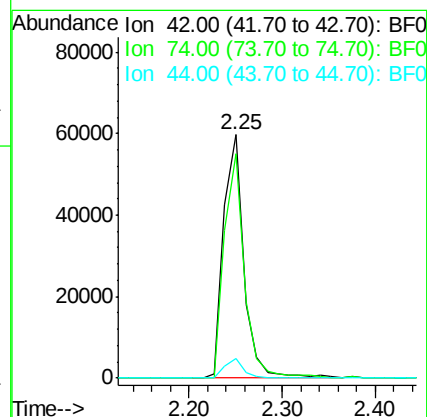
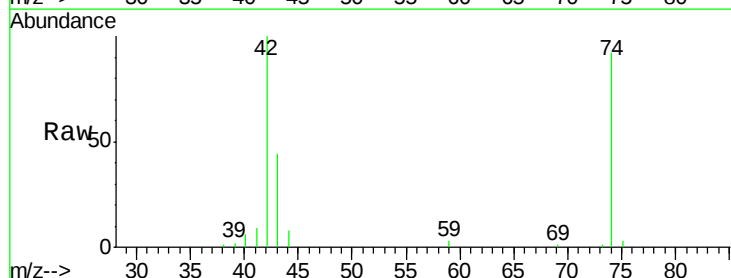
Tgt Ion: 42 Resp: 90263

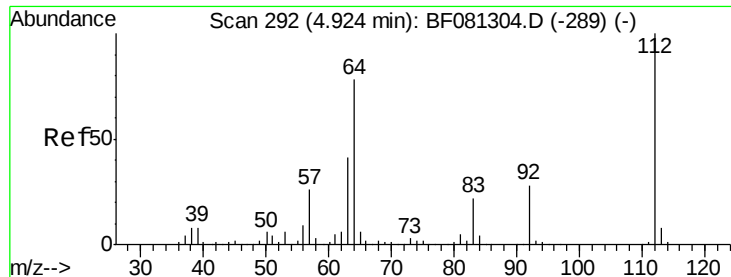
Ion Ratio Lower Upper

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

ClientSampleId :

PB85436BS

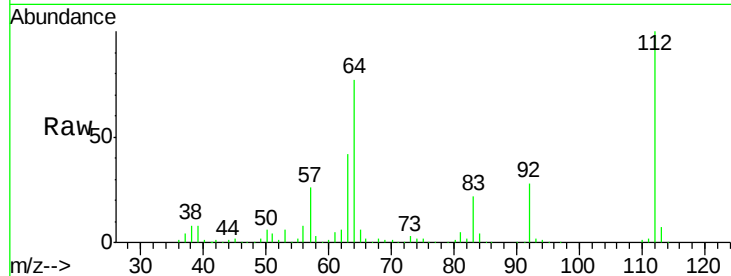
Tot Ion:112 Resp: 383854

Ion Ratio Lower Upper

112 100

64 77.3 39.7 59.5#

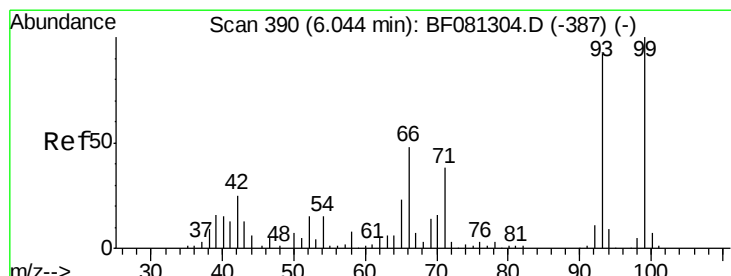
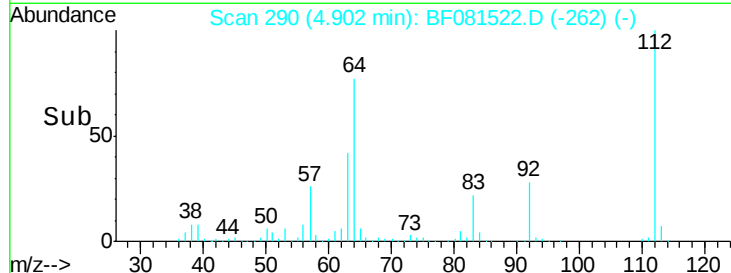
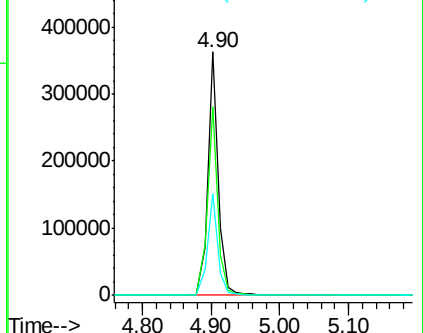
63 41.9 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 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

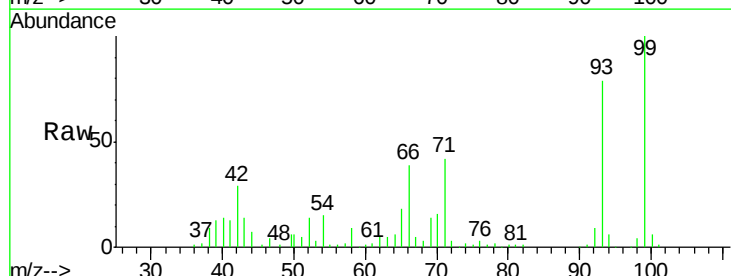
Tgt Ion: 93 Resp: 164837

Ion Ratio Lower Upper

93 100

66 49.6 27.2 40.8#

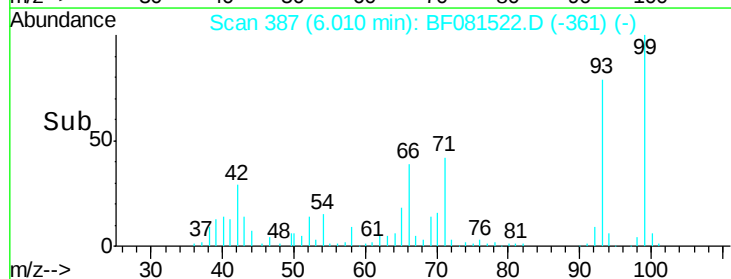
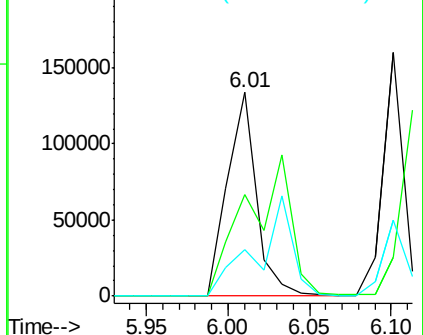
65 22.8 14.7 22.1#

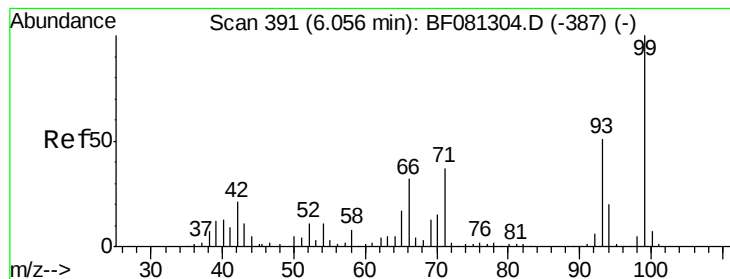


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 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 :

PB85436BS

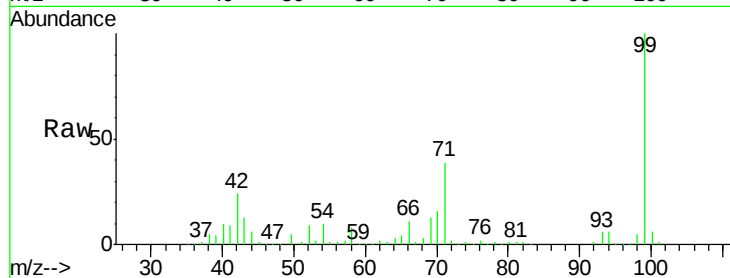
Tot Ion: 99 Resp: 504024

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

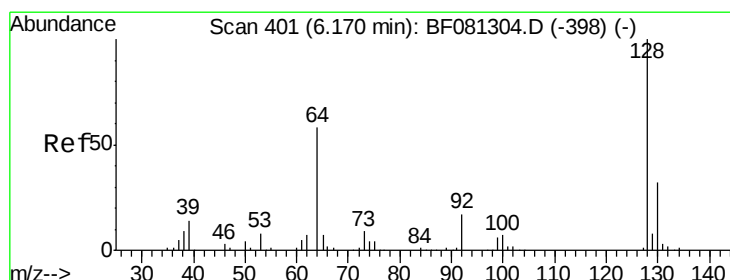
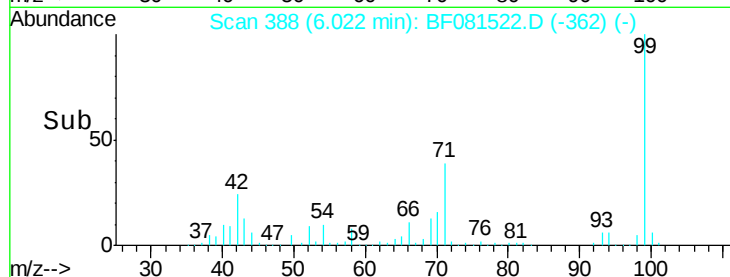
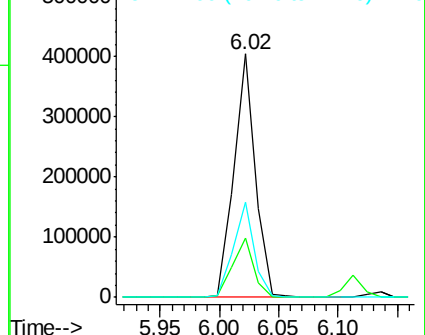
71 39.1 14.2 21.2#



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

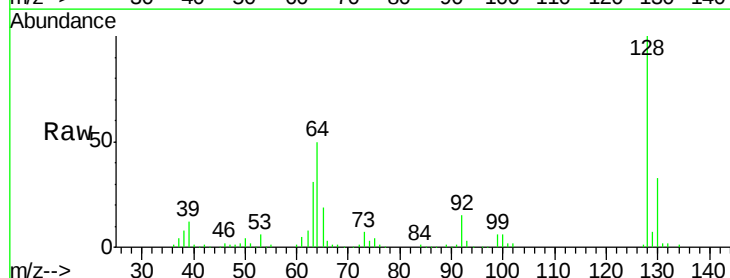
Tgt Ion: 128 Resp: 145653

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

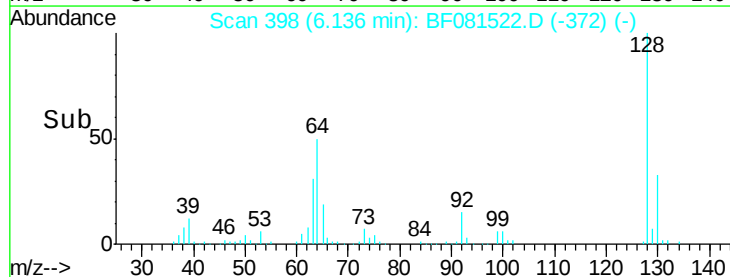
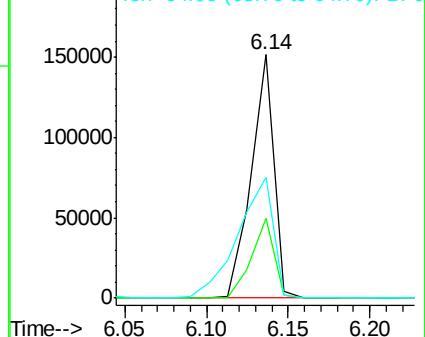
64 49.7 20.5 60.5

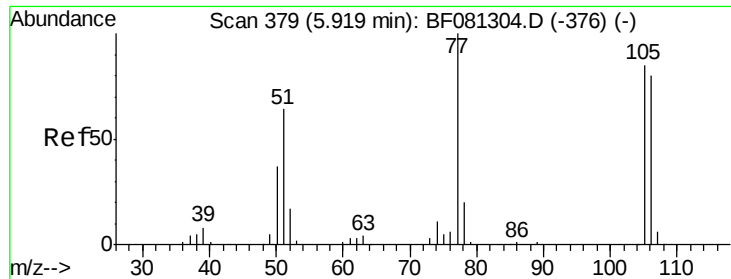


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

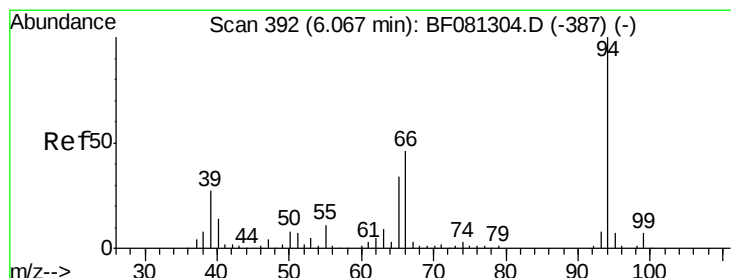
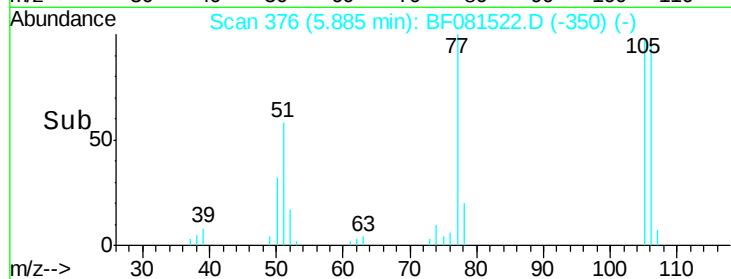
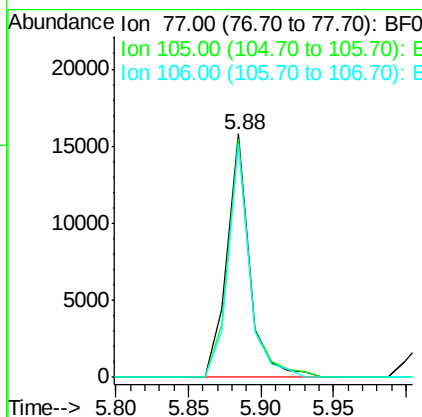
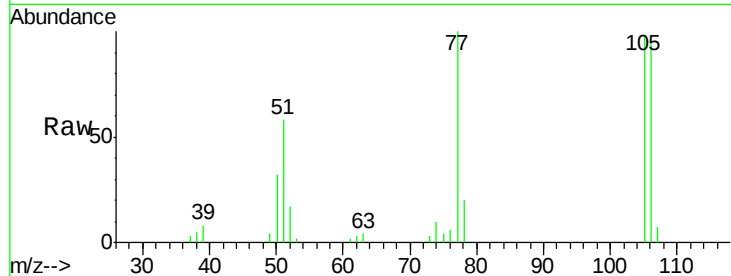




#9
Benzaldehyde
Concen: 5.83 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

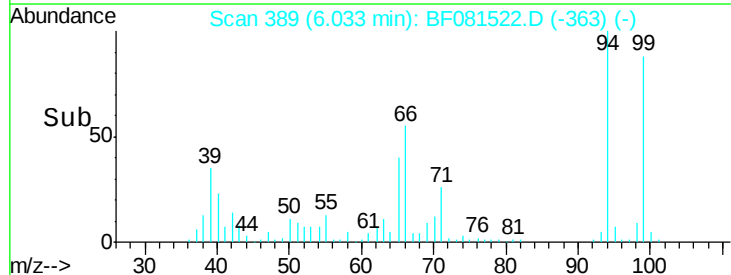
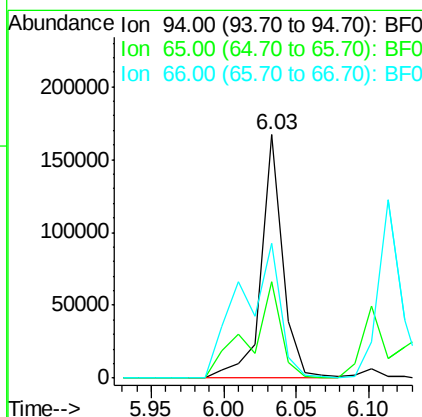
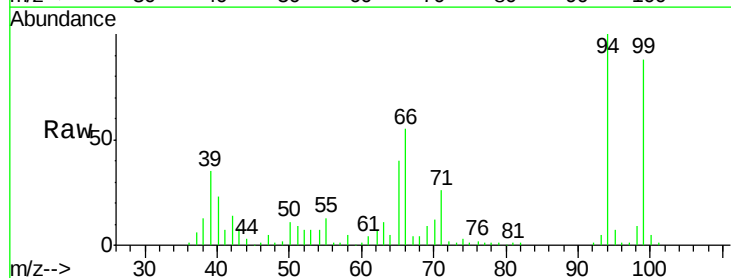
Instrument :
BNA_F
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PB85436BS

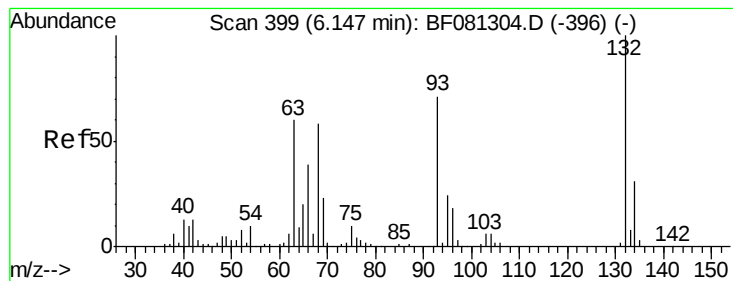
Tot Ion: 77 Resp: 17200
Ion Ratio Lower Upper
77 100
105 98.0 91.6 131.6
106 95.6 102.6 142.6#



#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#

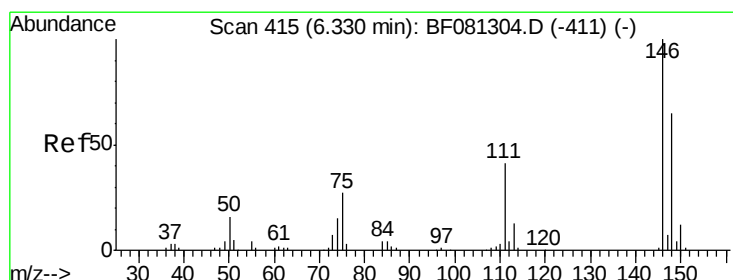
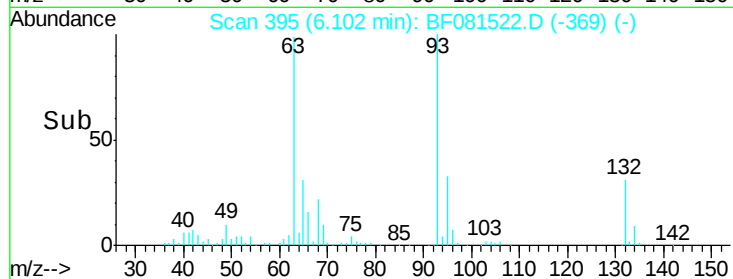
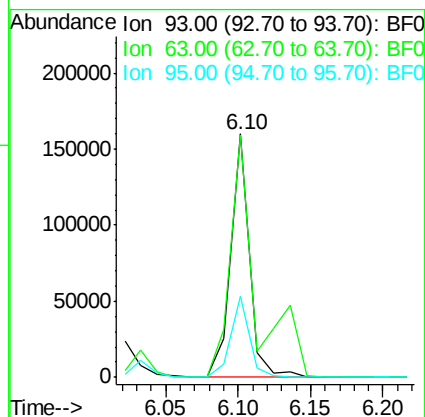
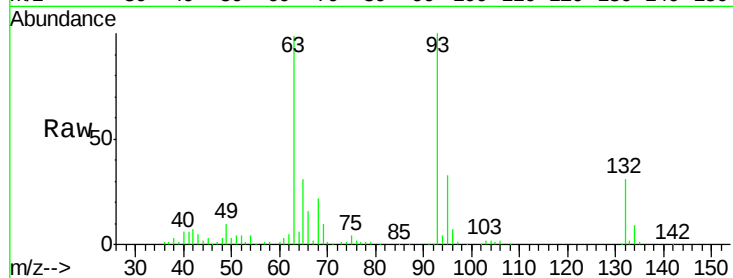




#11
bis(2-Chloroethyl)ether
Concen: 36.53 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

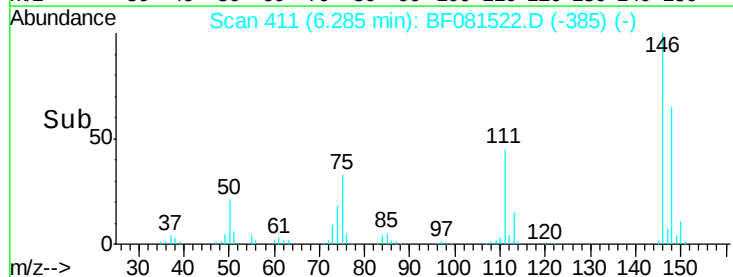
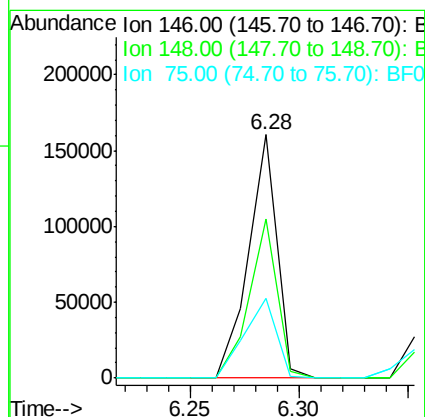
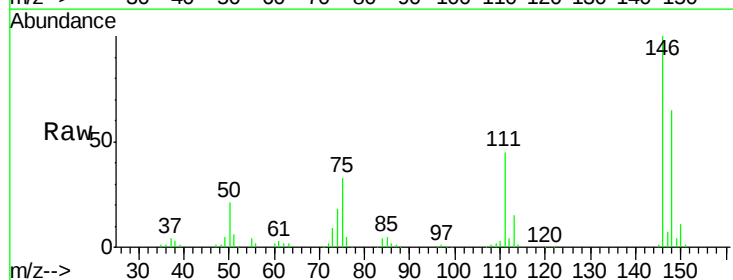
Instrument :
BNA_F
ClientSampleId :
PB85436BS

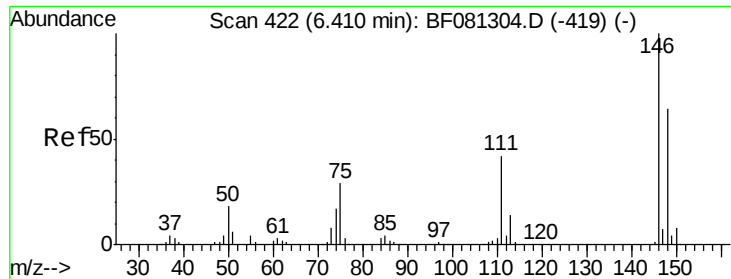
Tot Ion: 93 Resp: 144037
Ion Ratio Lower Upper
93 100
63 99.4 65.6 105.6
95 33.5 13.6 53.6



#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#

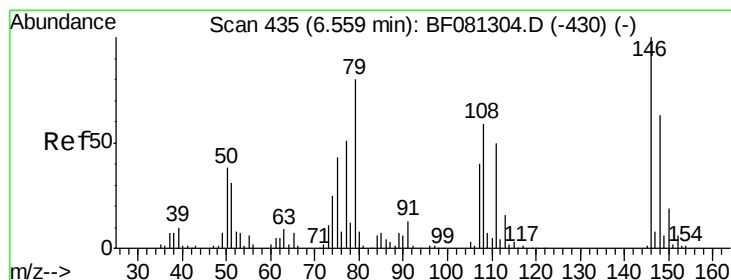
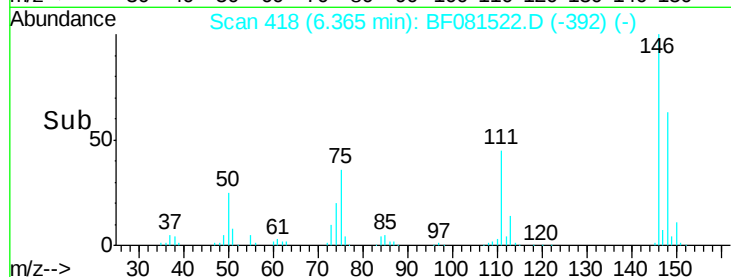
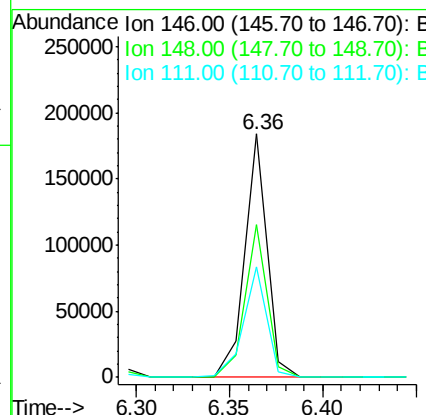
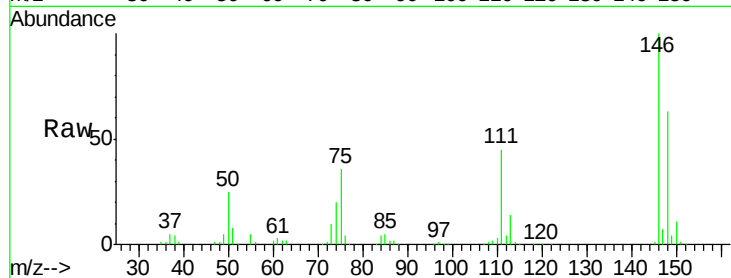




#13
 1,4-Dichlorobenzene
 Concen: 36.02 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

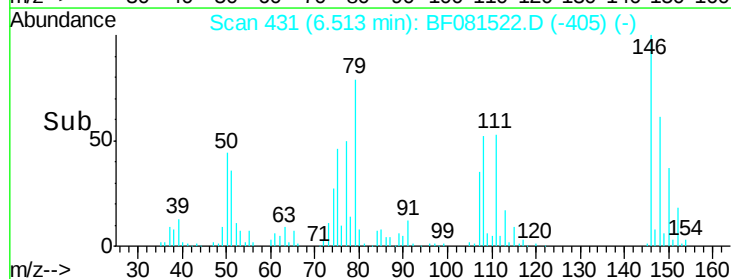
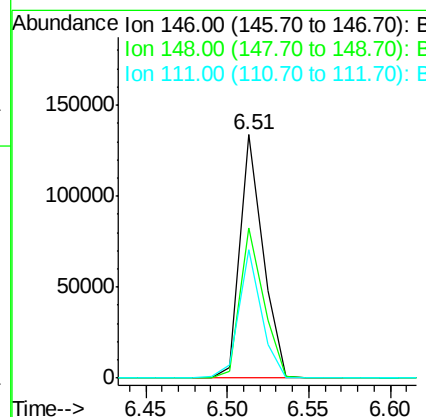
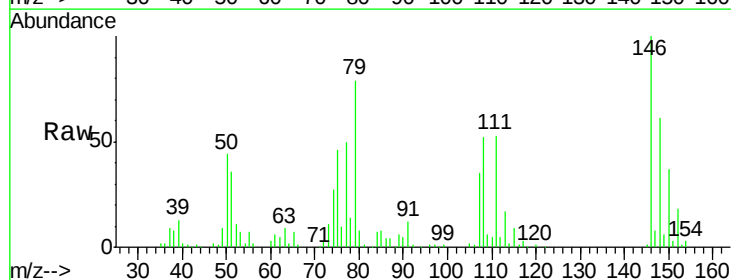
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

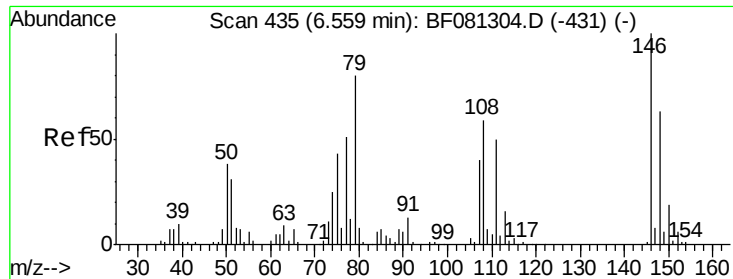
Tot Ion:146 Resp: 153723
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 45.2 24.9 37.3#



#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#





#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 :

PB85436BS

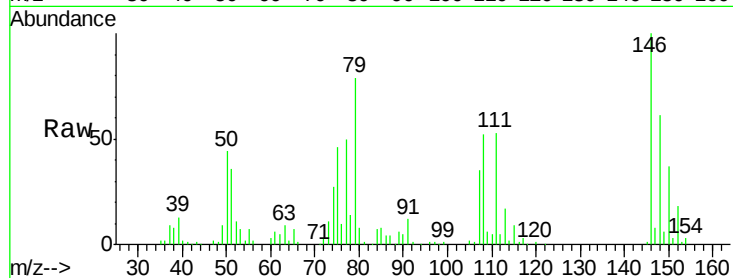
Tot Ion: 79 Resp: 135294

Ion Ratio Lower Upper

79 100

108 65.6 88.6 132.8#

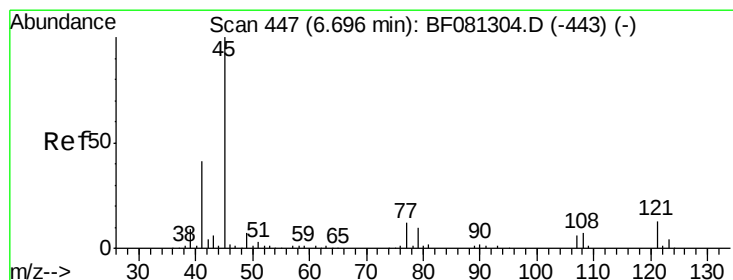
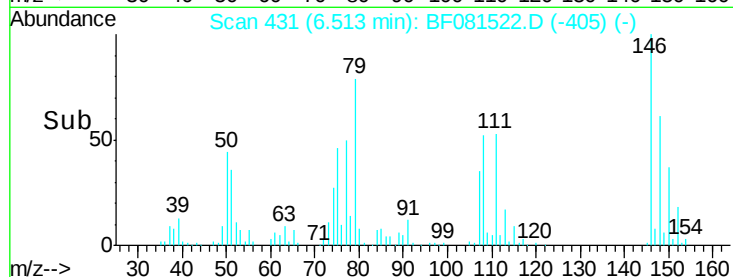
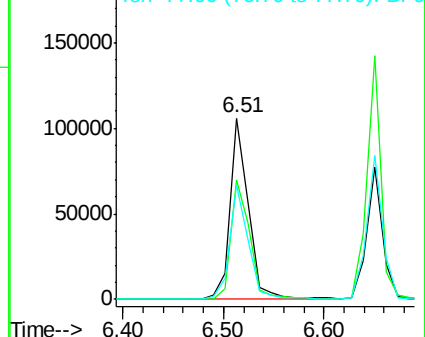
77 63.1 47.0 70.4



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

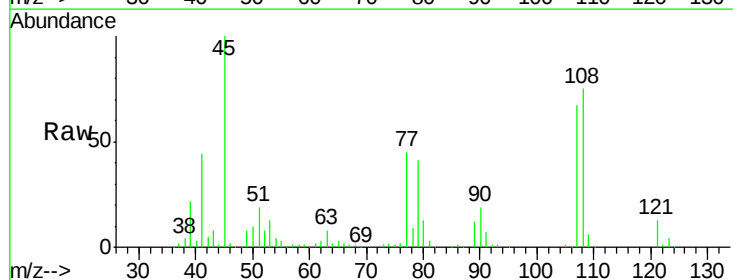
Tgt Ion: 45 Resp: 293931

Ion Ratio Lower Upper

45 100

77 44.6 0.0 28.1#

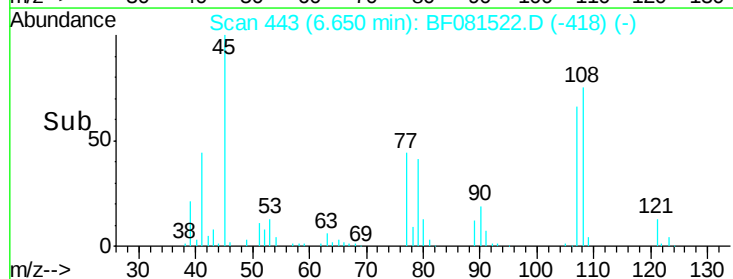
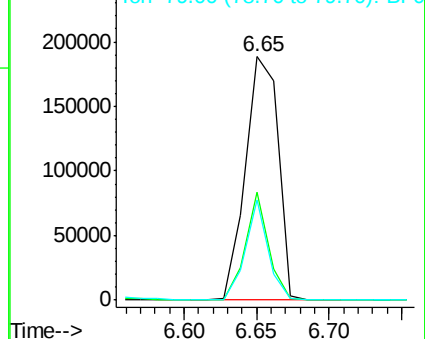
79 41.2 0.0 26.0#

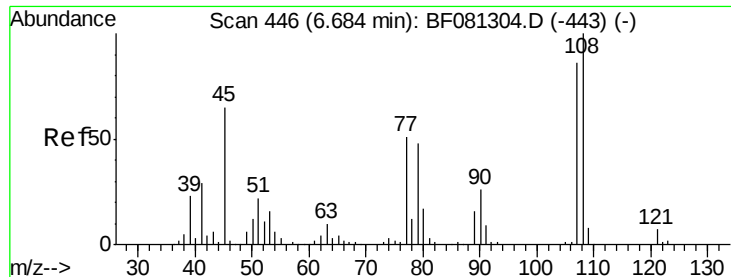


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

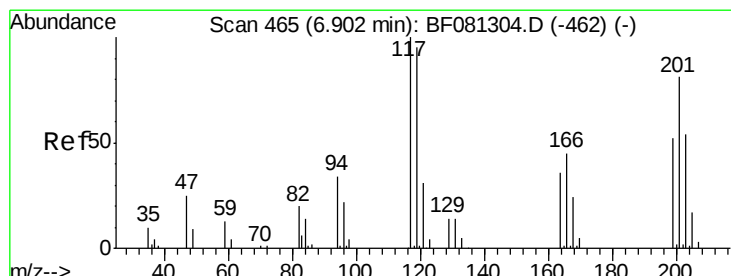
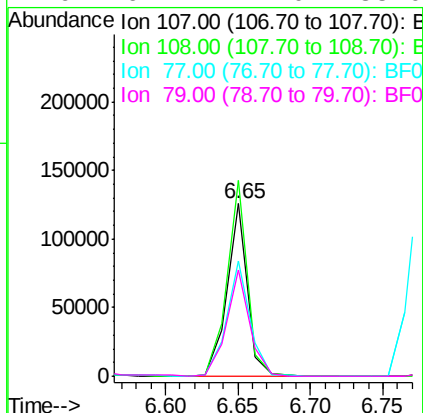
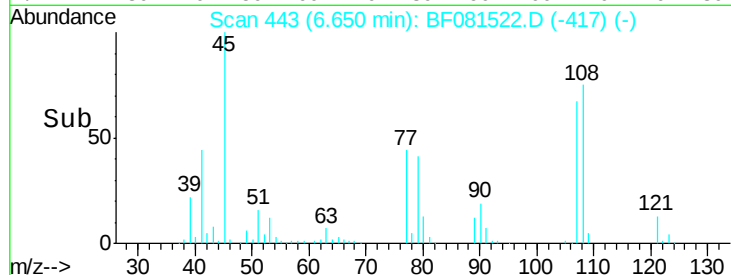
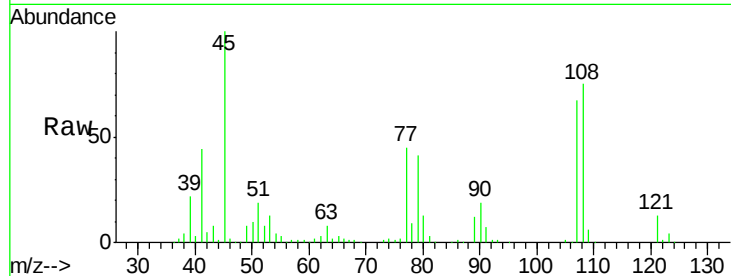




#17
2-Methylphenol
Concen: 38.69 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

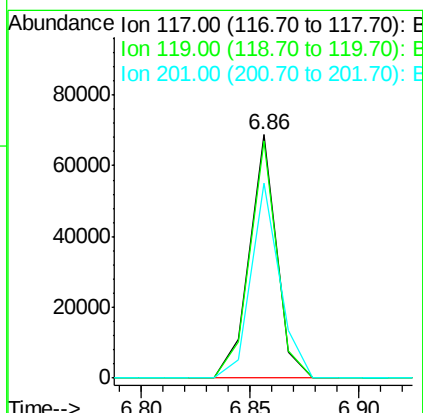
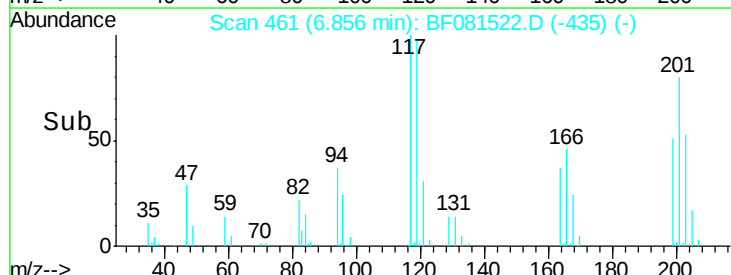
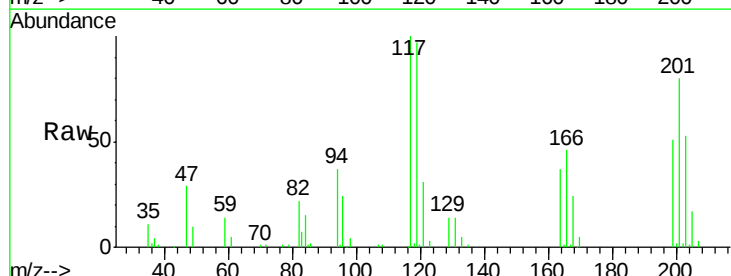
Instrument :
BNA_F
ClientSampleId :
PB85436BS

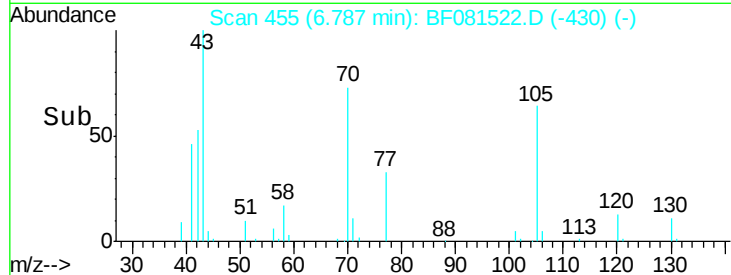
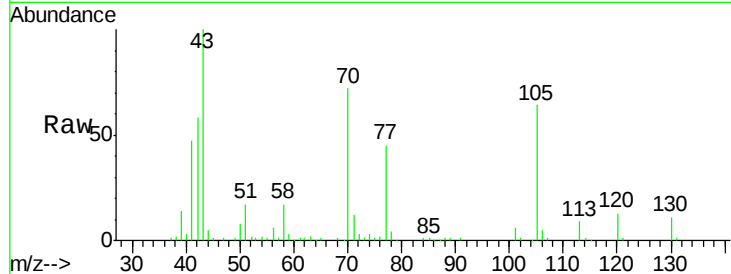
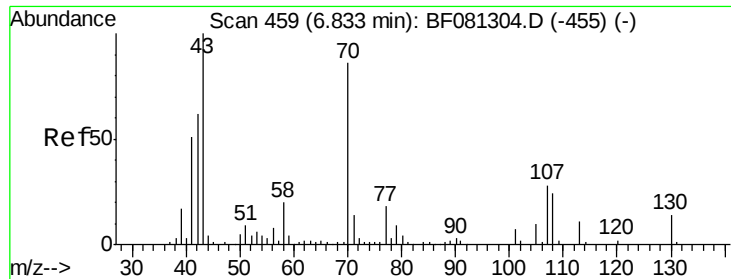
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.2	96.6	145.0
77	66.8	23.3	34.9
79	61.7	22.0	33.0



#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	Ratio	Lower	Upper
117	100		
119	97.3	83.8	125.6
201	80.1	55.1	82.7

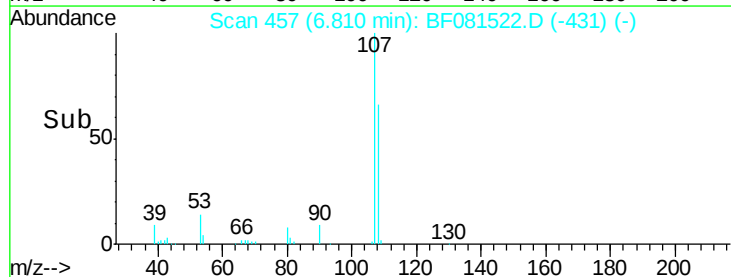
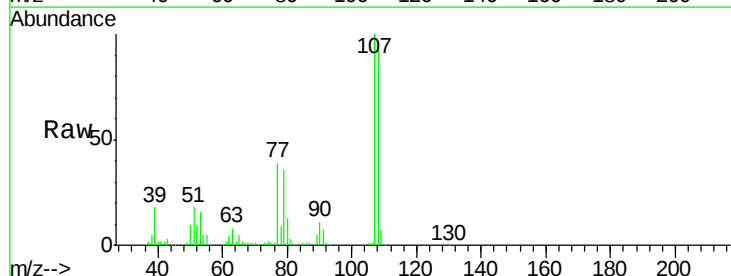
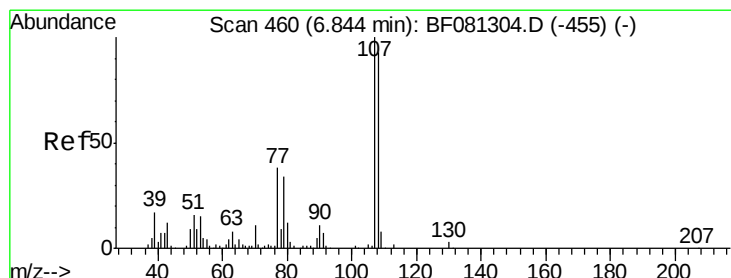
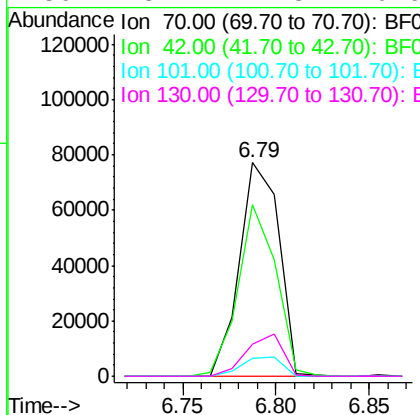




#19
n-Nitroso-di-n-propylamine
Concen: 35.37 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

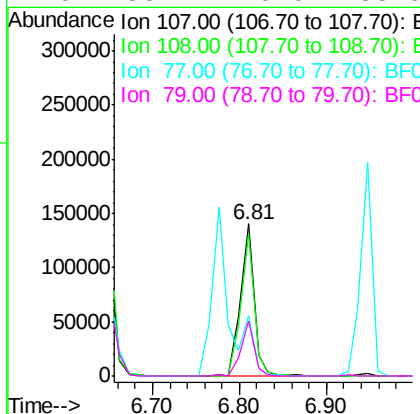
Instrument :
BNA_F
ClientSampleId :
PB85436BS

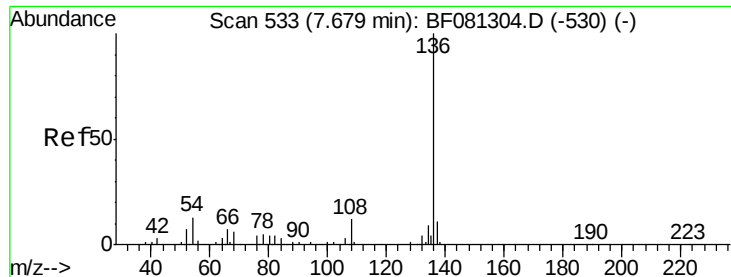
Tot Ion: 70 Resp: 113423
Ion Ratio Lower Upper
70 100
42 80.3 63.8 95.6
101 8.2 9.2 13.8#
130 15.2 27.3 40.9#



#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 :

PB85436BS

Tot Ion:136 Resp: 210008

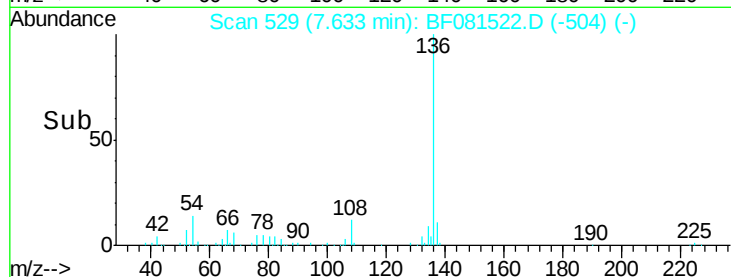
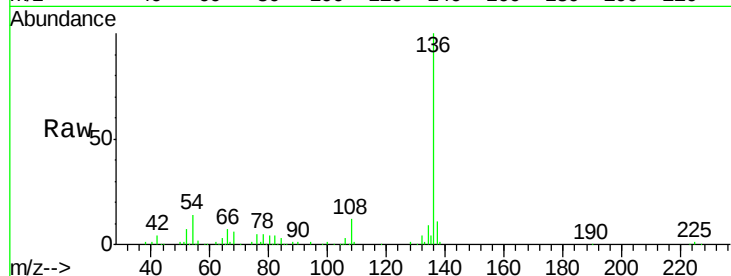
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 13.6 8.2 12.2#

68 5.6 5.8 8.6#

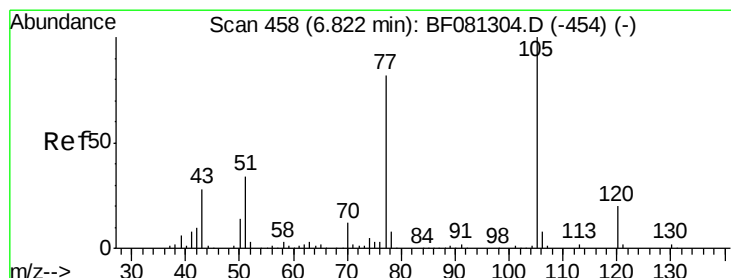
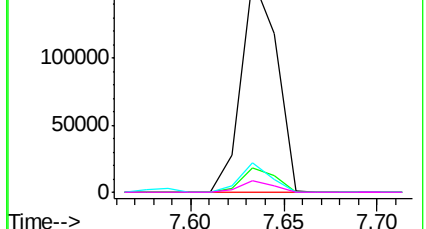


Abundance Ion 136.00 (135.70 to 136.70): E

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

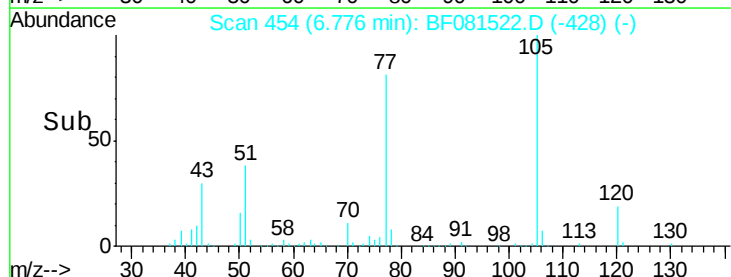
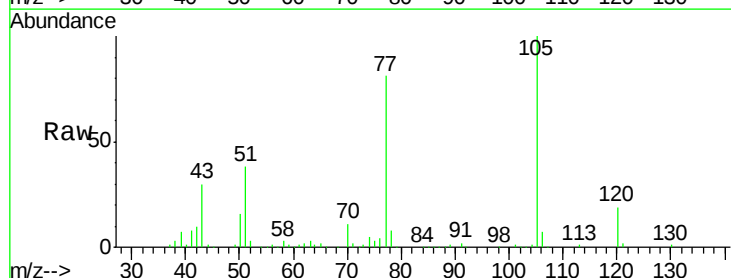
Ion Ratio Lower Upper

105 100

71 1.8 4.7 7.1#

51 38.1 22.0 33.0#

120 19.0 30.1 45.1#

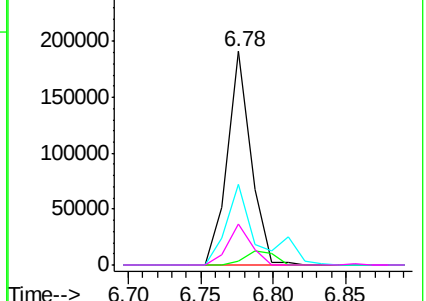


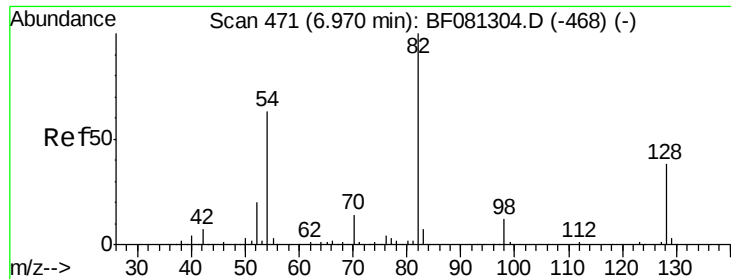
Abundance Ion 105.00 (104.70 to 105.70): E

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

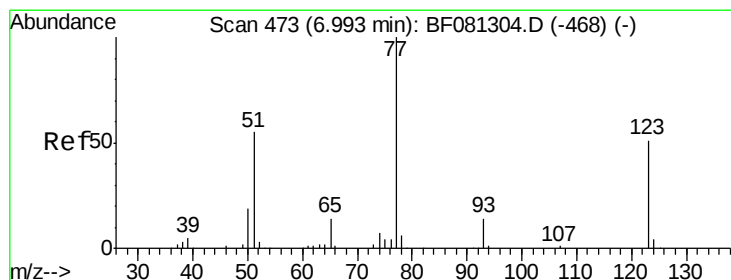
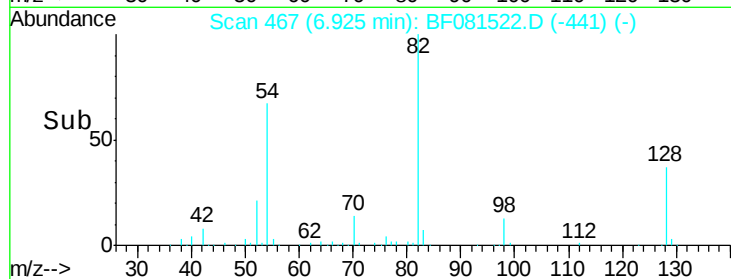
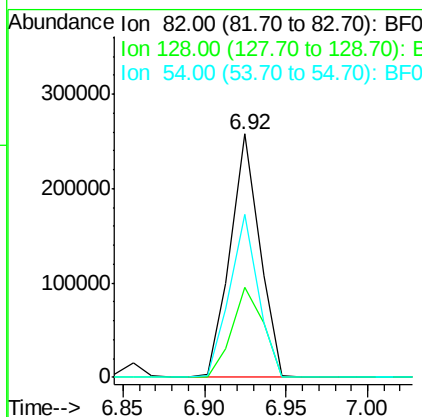
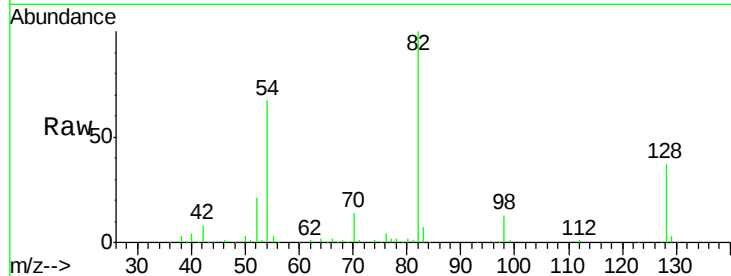




#23
 Nitrobenzene-d5
 Concen: 74.06 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

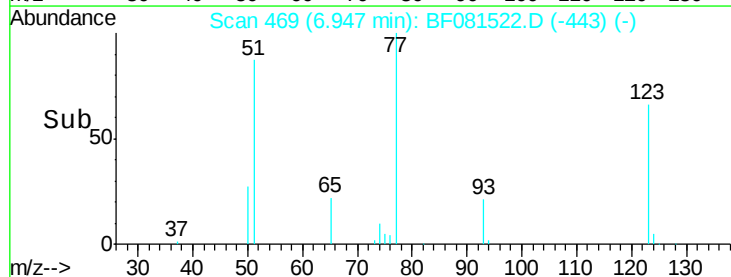
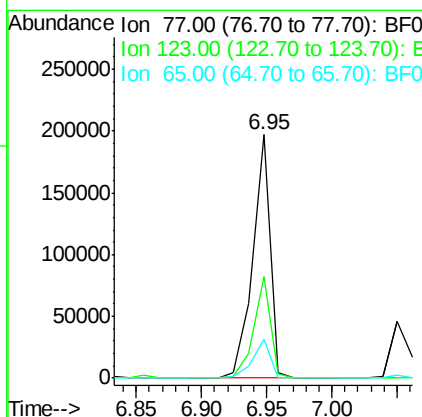
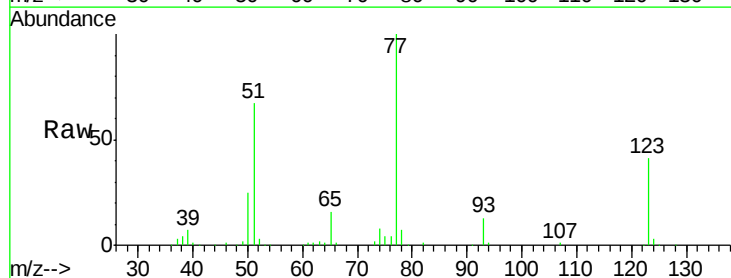
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

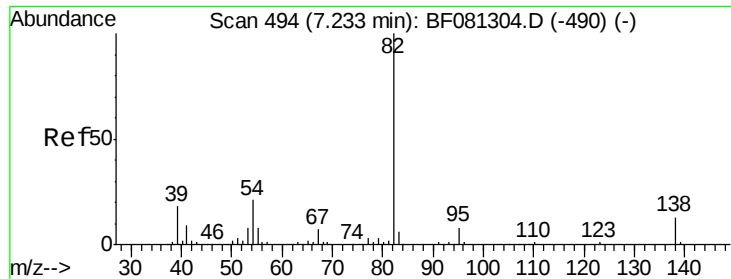
Tot Ion: 82 Resp: 322356
 Ion Ratio Lower Upper
 82 100
 128 36.7 51.0 76.6#
 54 67.1 47.5 71.3



#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 Lower Upper
 77 100
 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

ClientSampled :

PB85436BS

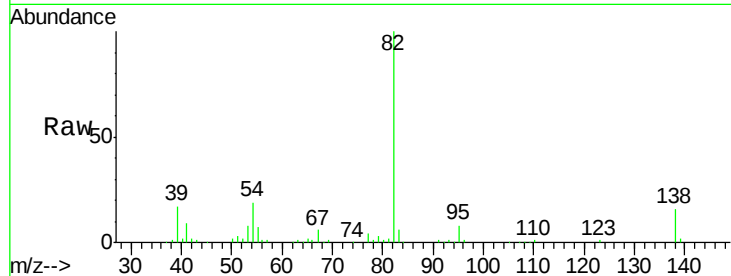
Tot Ion: 82 Resp: 297937

Ion Ratio Lower Upper

82 100

95 8.1 4.0 6.0#

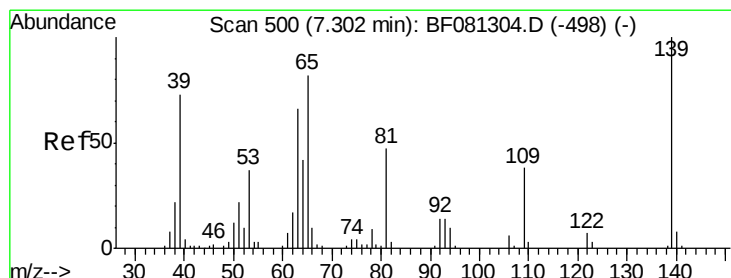
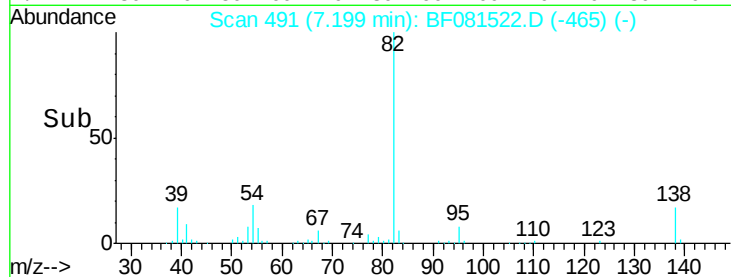
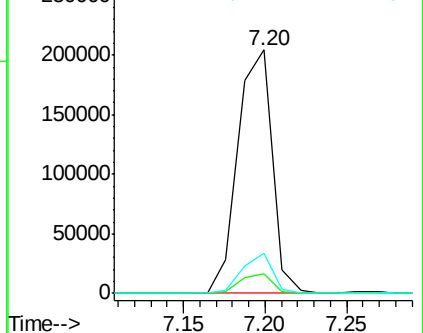
138 16.4 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.07 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

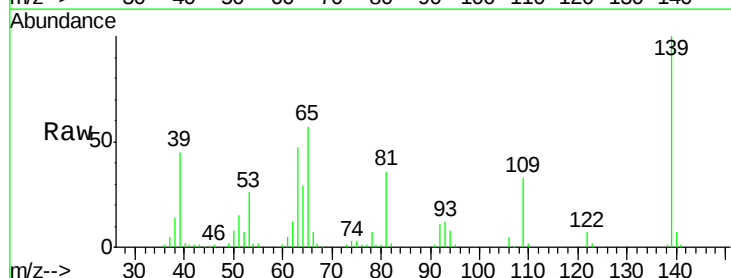
Tgt Ion: 139 Resp: 76972

Ion Ratio Lower Upper

139 100

109 33.0 11.0 16.4#

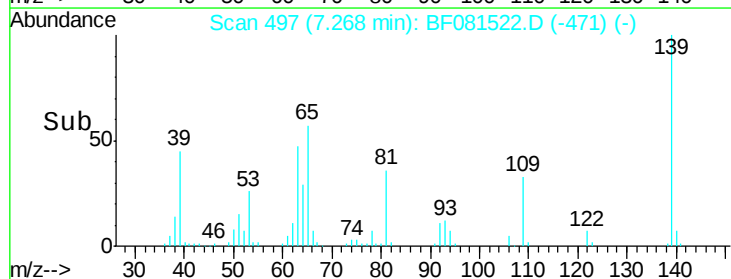
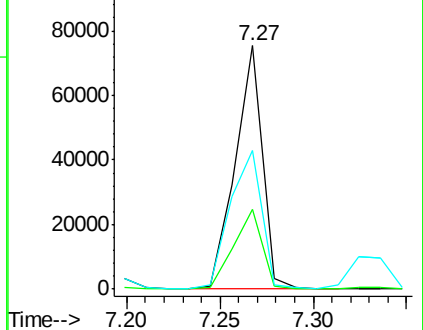
65 57.0 24.7 37.1#

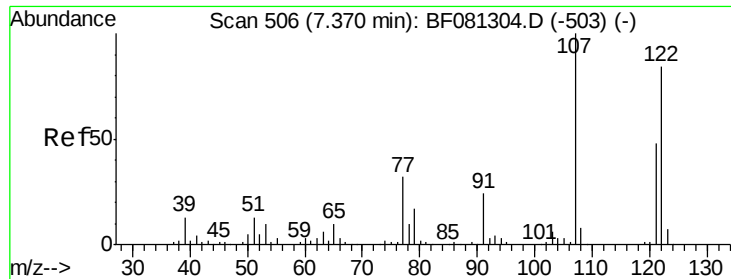


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 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 :

PB85436BS

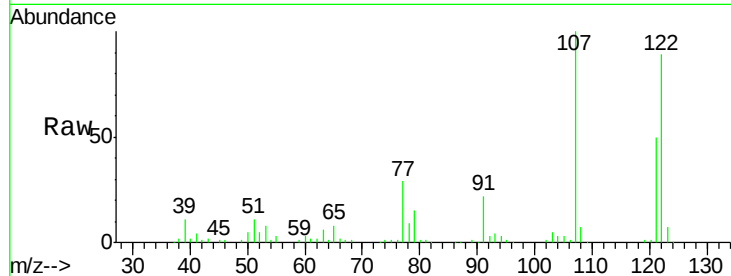
Tot Ion:122 Resp: 127854

Ion Ratio Lower Upper

122 100

107 112.2 71.8 107.6#

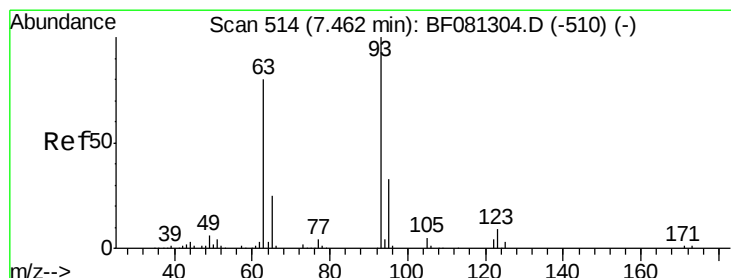
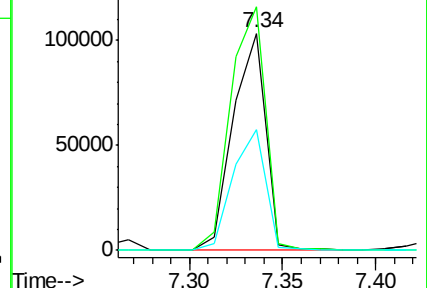
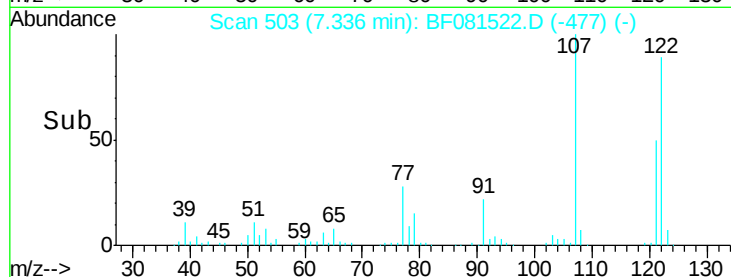
121 55.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 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

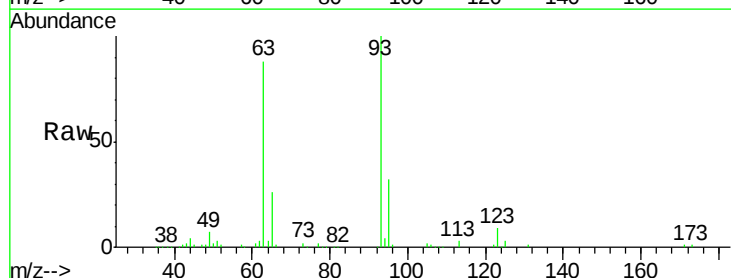
Tgt Ion: 93 Resp: 167061

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

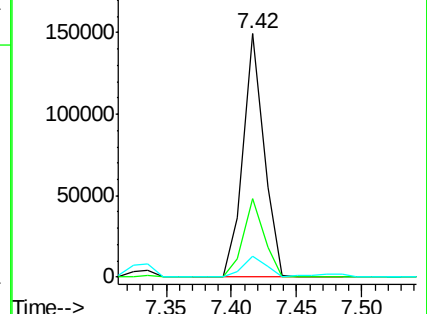
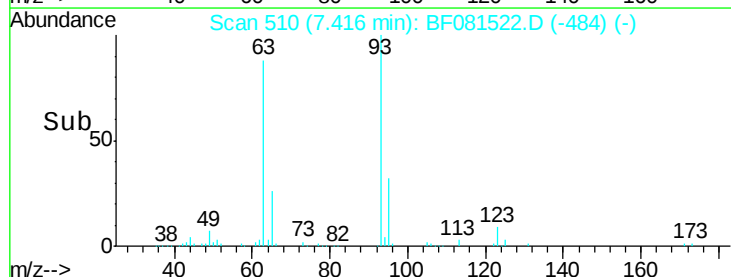
123 8.7 13.7 20.5#

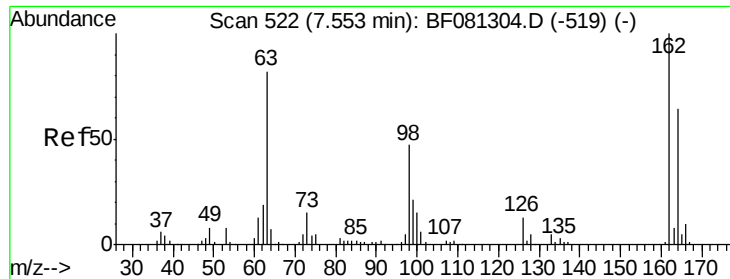


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

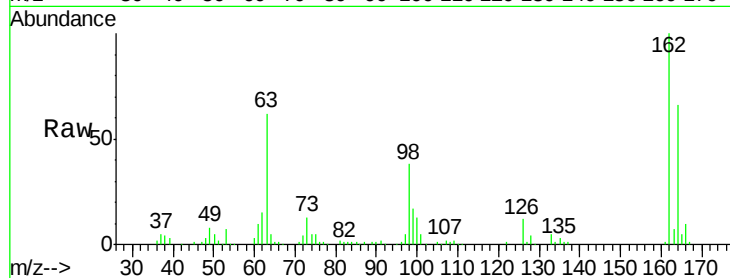




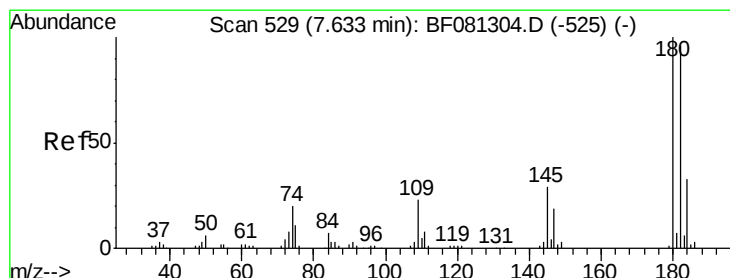
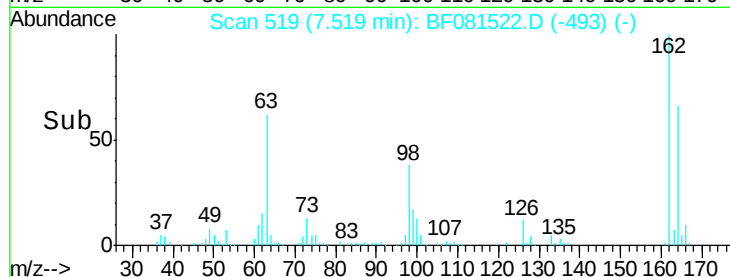
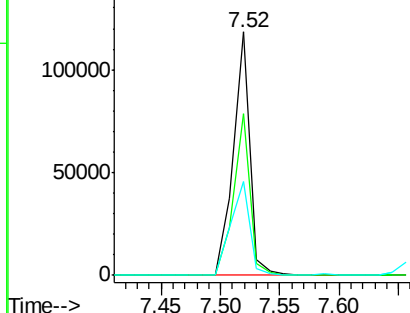
#29
 2,4-Dichlorophenol
 Concen: 38.91 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

Tot Ion:162 Resp: 114823
 Ion Ratio Lower Upper
 162 100
 164 66.3 44.9 84.9
 98 38.4 13.0 53.0

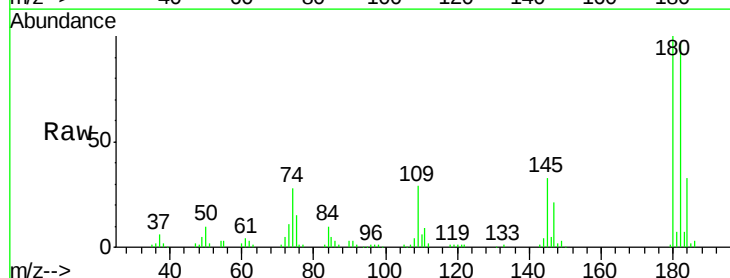


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

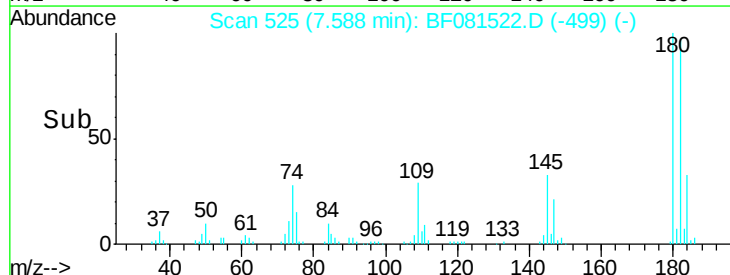
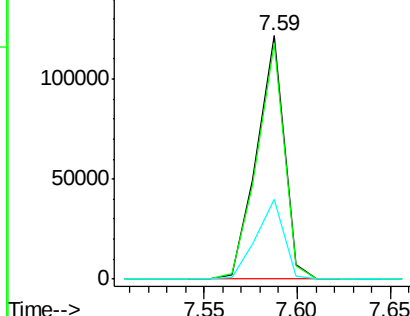


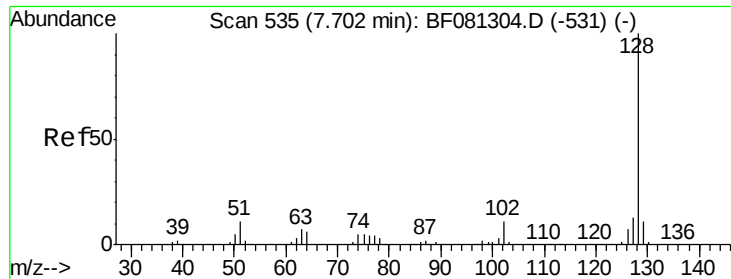
#30
 1,2,4-Trichlorobenzene
 Concen: 38.64 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:180 Resp: 123865
 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

ClientSampleId :

PB85436BS

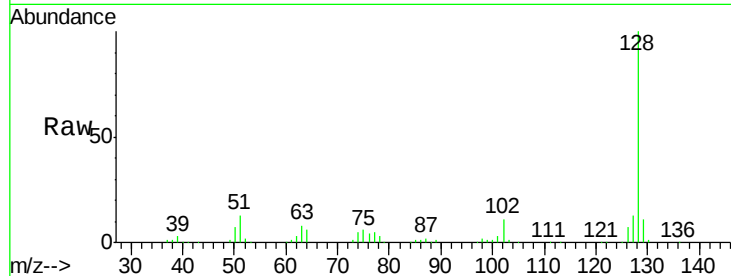
Tot Ion:128 Resp: 375238

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

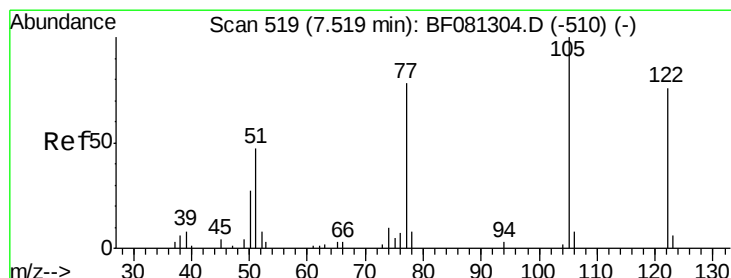
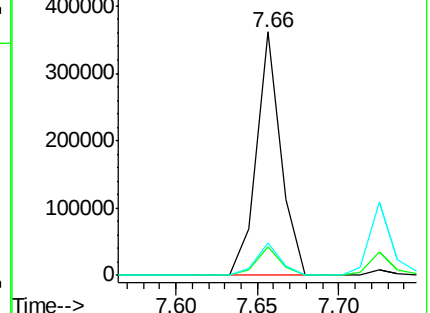
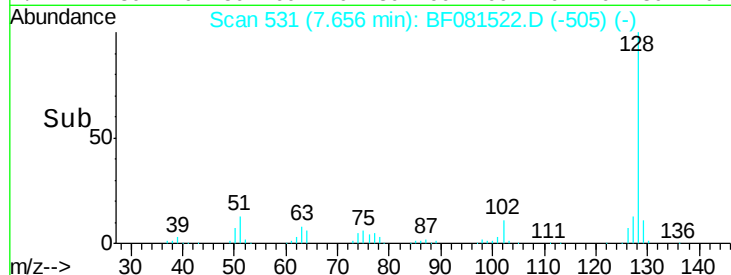
127 13.1 9.9 14.9



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

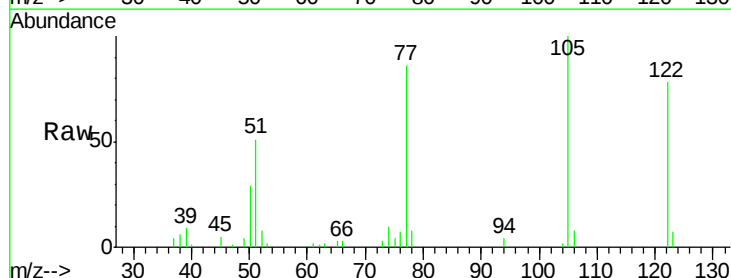
Tgt Ion:122 Resp: 56111

Ion Ratio Lower Upper

122 100

105 127.8 76.1 116.1#

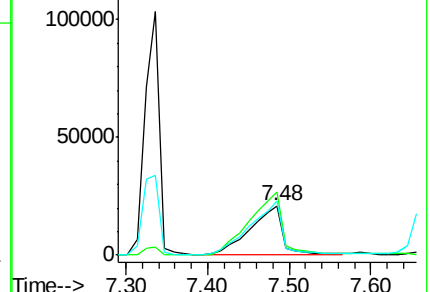
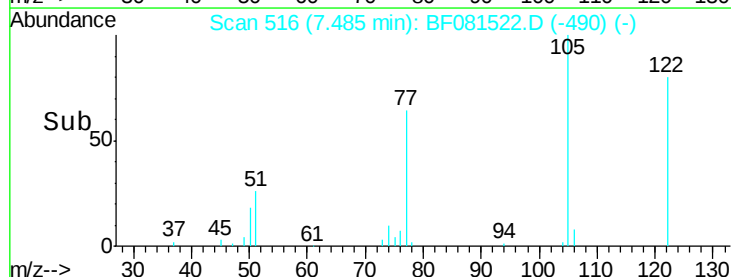
77 110.0 40.5 80.5#

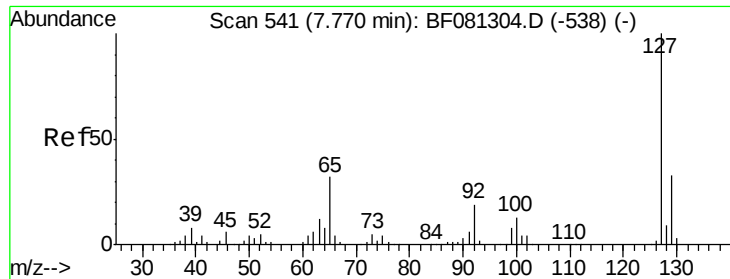


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

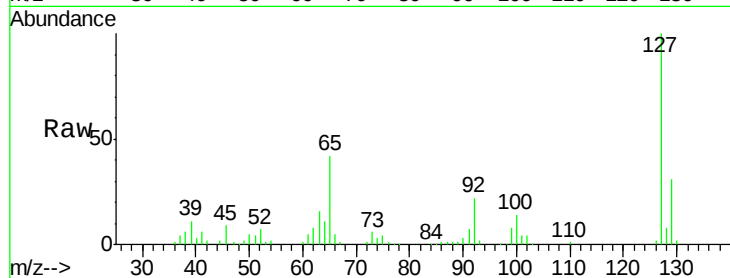




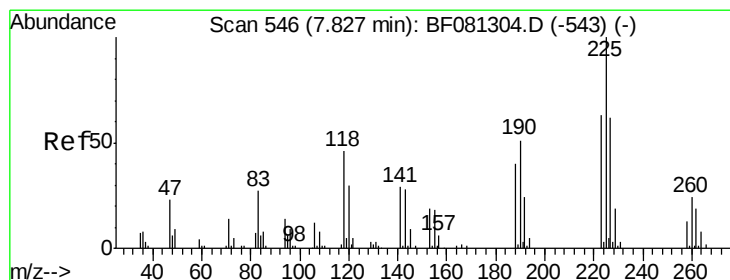
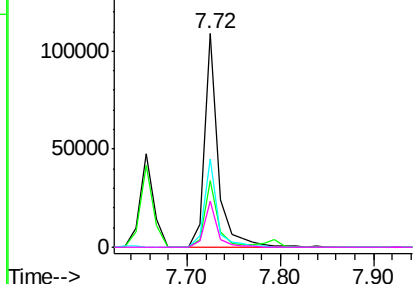
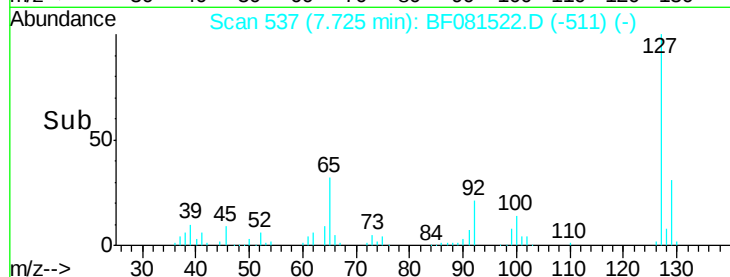
#33
4-Chloroaniline
Concen: 24.28 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB85436BS

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#

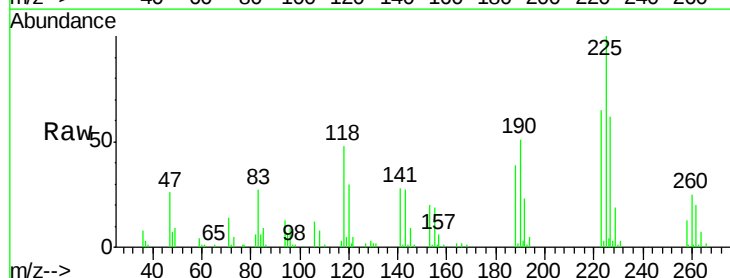


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

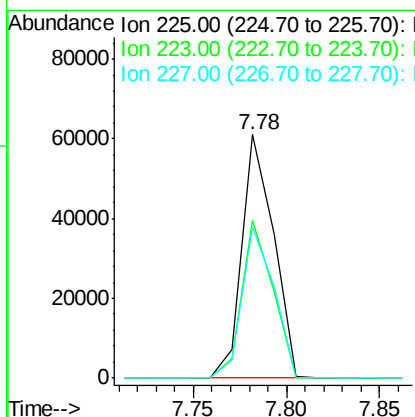
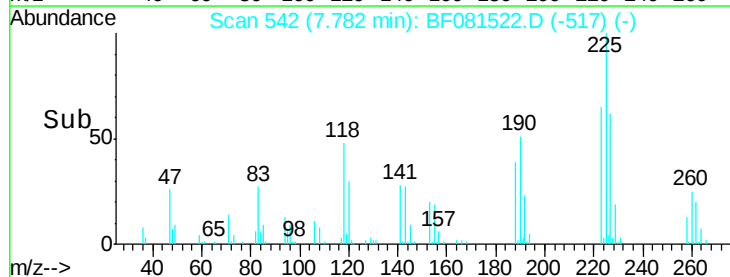


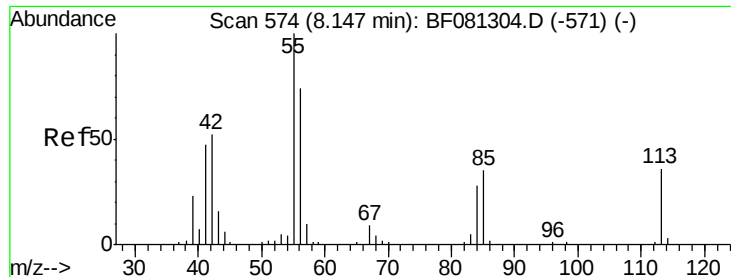
#34
Hexachlorobutadiene
Concen: 36.76 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

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 :

PB85436BS

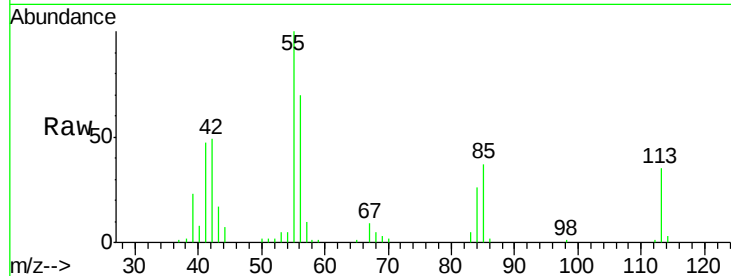
Tot Ion:113 Resp: 21861

Ion Ratio Lower Upper

113 100

55 284.8 152.4 192.4#

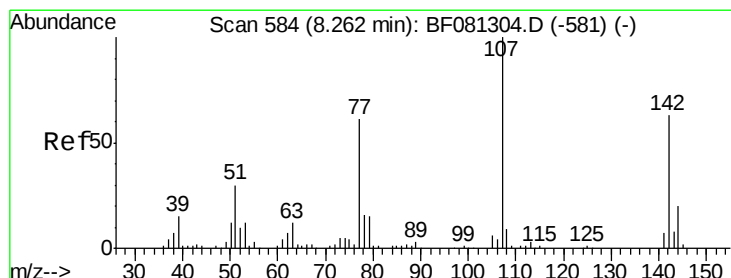
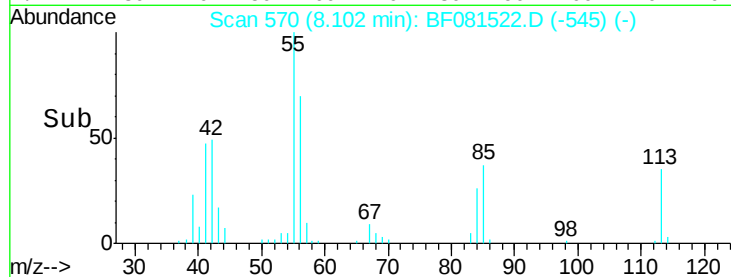
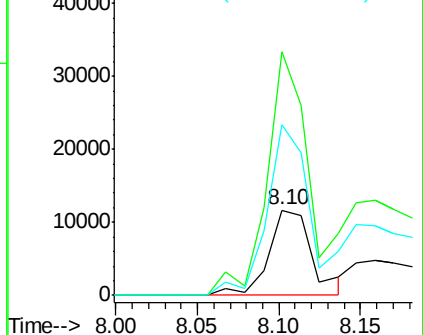
56 199.7 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 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

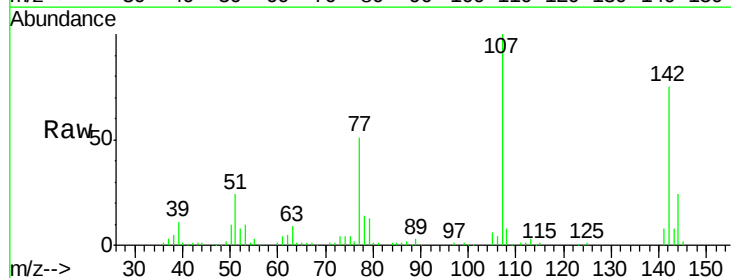
Tgt Ion:107 Resp: 143717

Ion Ratio Lower Upper

107 100

144 23.8 25.4 38.0#

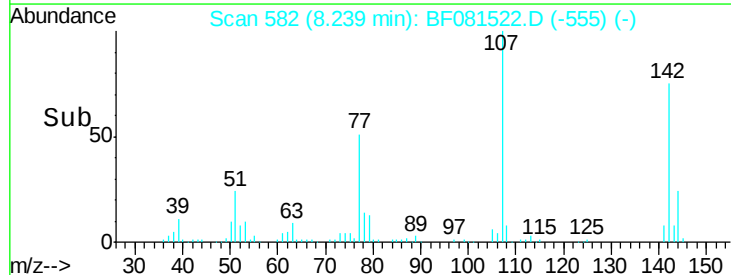
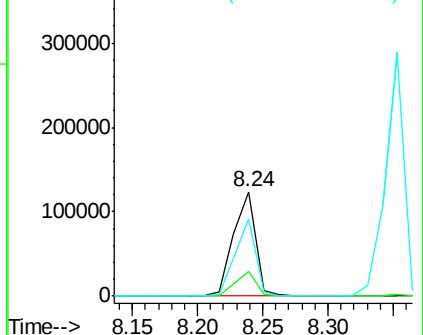
142 74.6 77.3 115.9#

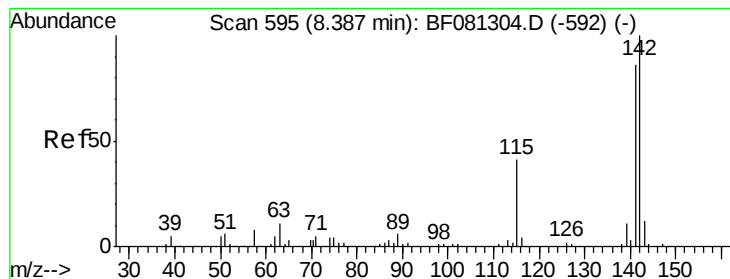


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

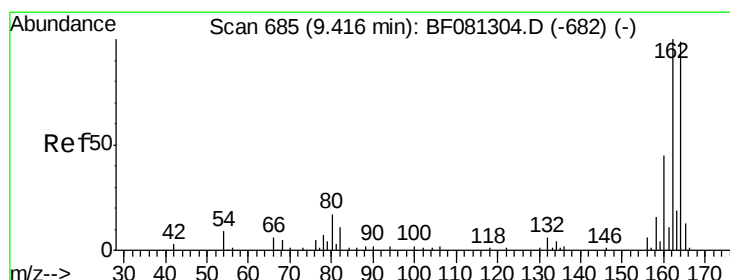
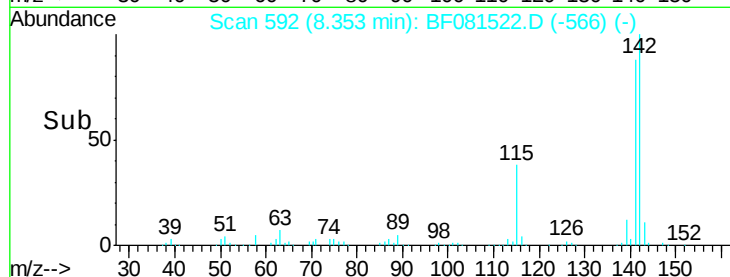
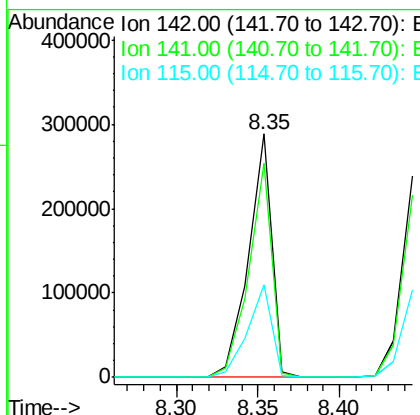
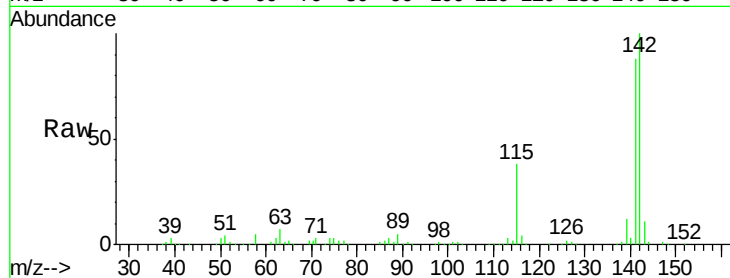




#37
 2-Methylnaphthalene
 Concen: 39.19 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

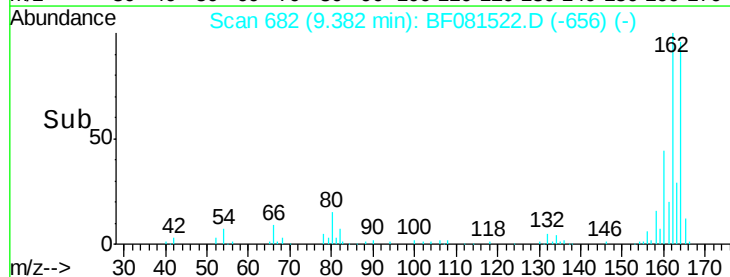
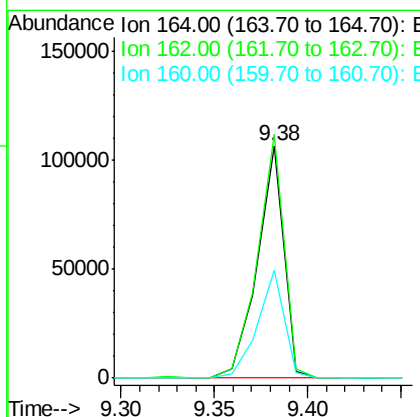
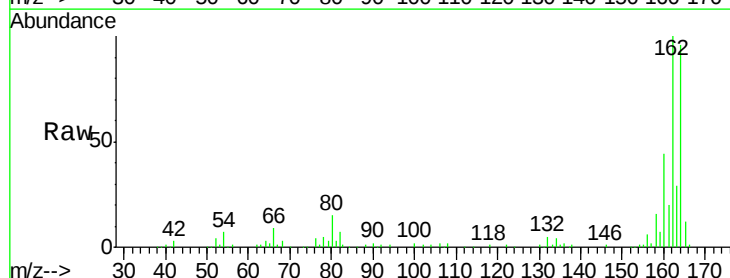
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

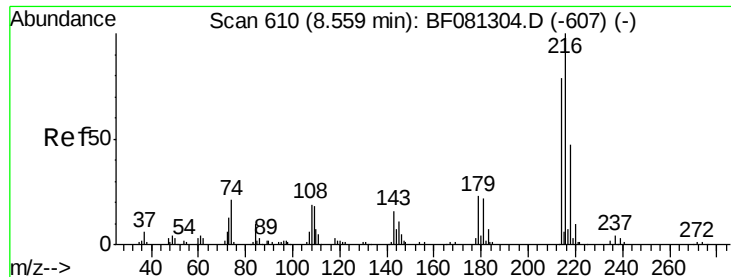
Tot Ion:142 Resp: 285661
 Ion Ratio Lower Upper
 142 100
 141 87.8 67.5 101.3
 115 38.1 18.2 27.2#



#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:164 Resp: 104344
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 46.3 31.5 47.3

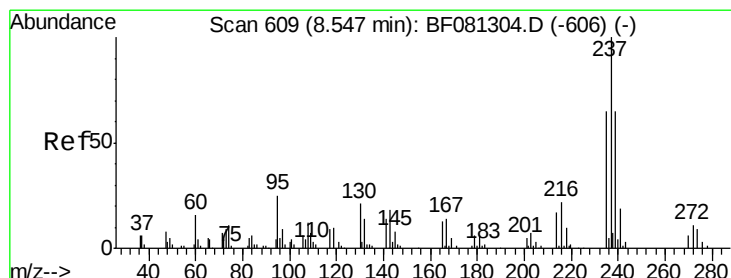
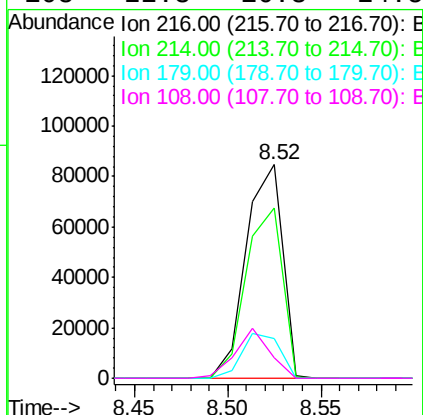
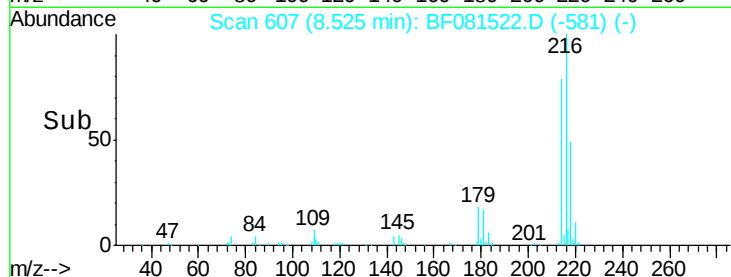
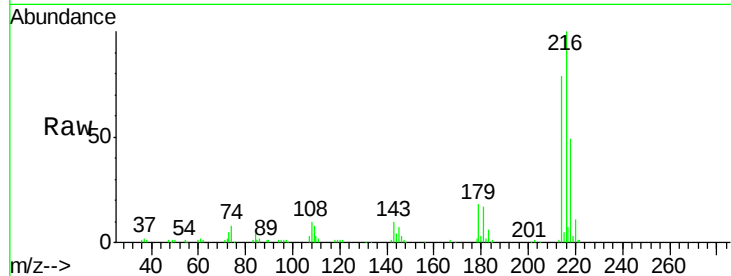




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.77 ng
 RT: 8.52 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

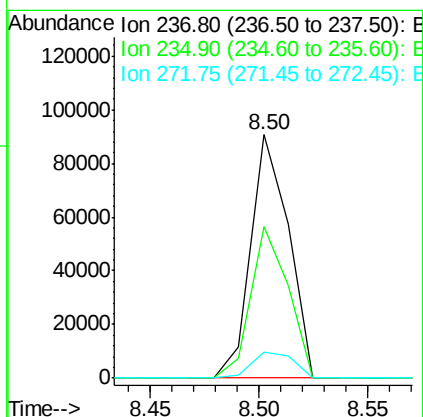
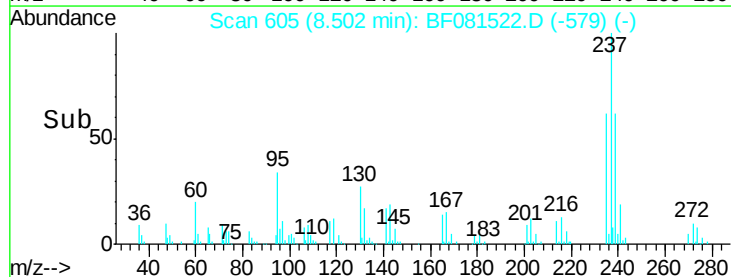
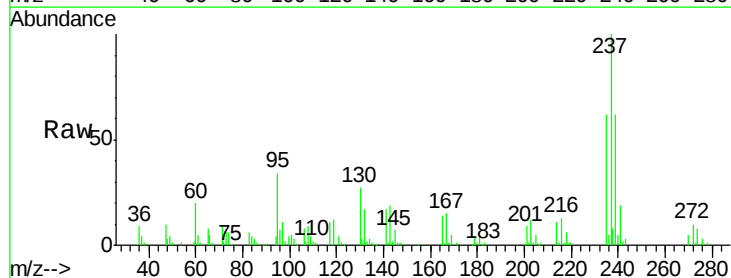
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

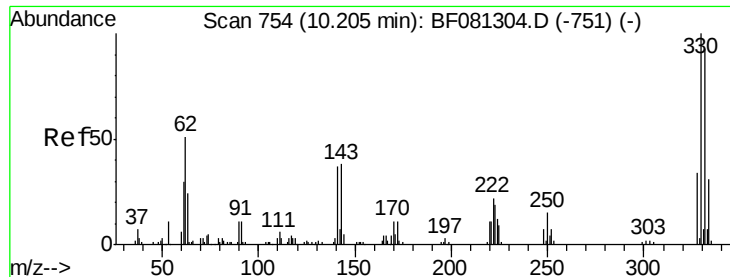
Tot Ion:216	Resp:	114729
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.5 95.3
179	21.9	16.6 24.8
108	22.3	16.3 24.5



#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

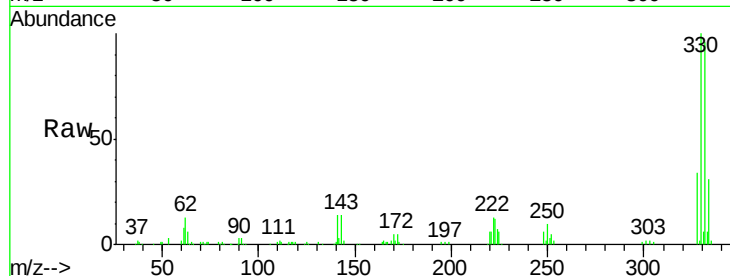




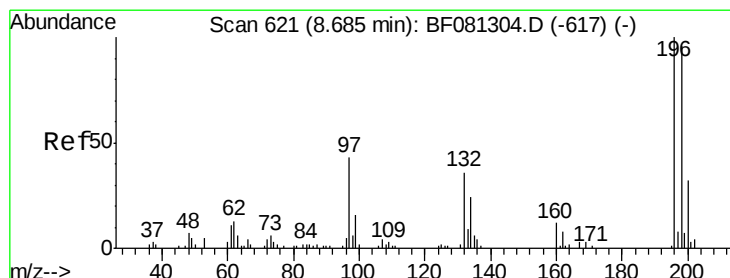
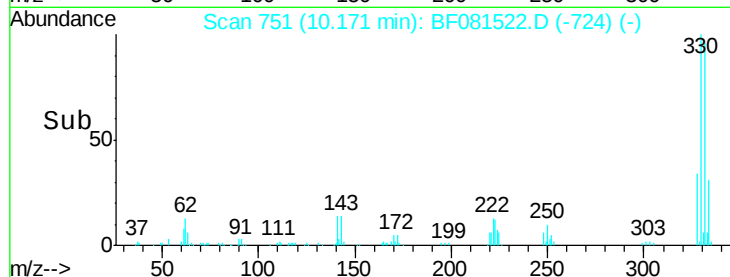
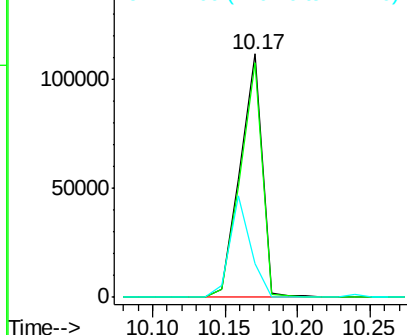
#41
 2,4,6-Tribromophenol
 Concen: 127.40 ng
 RT: 10.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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

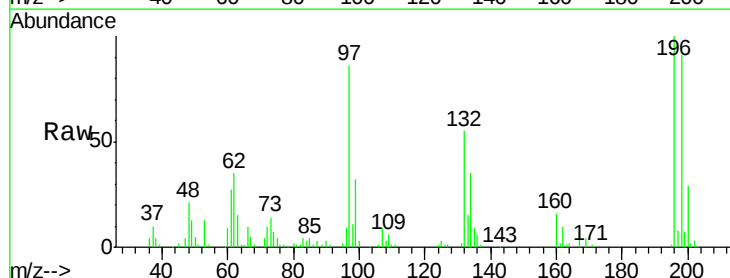


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

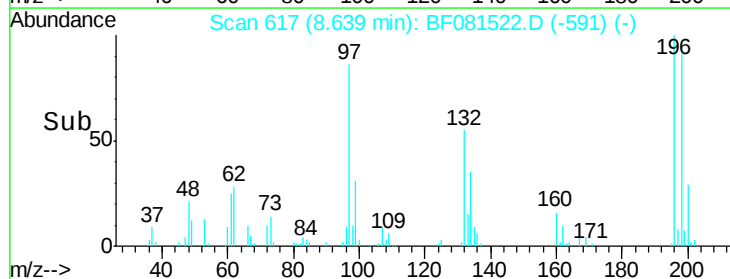
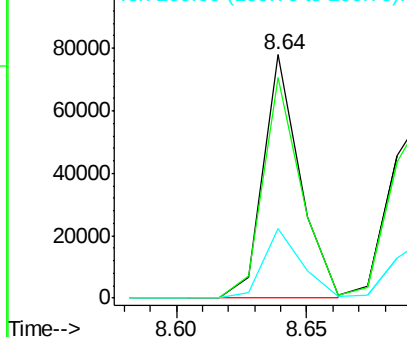


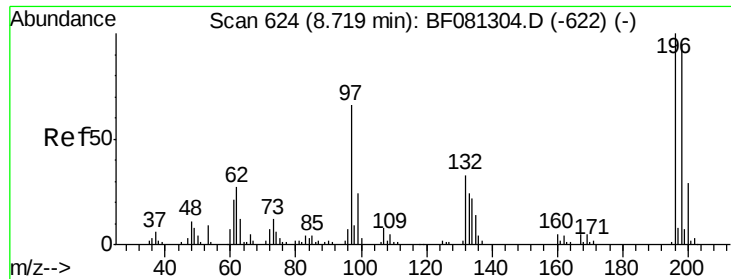
#42
 2,4,6-Trichlorophenol
 Concen: 33.69 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

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

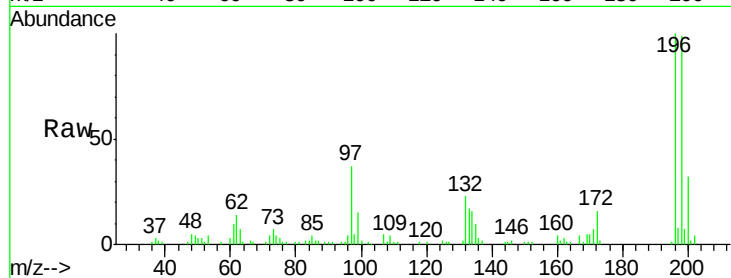




#43
 2,4,5-Trichlorophenol
 Concen: 34.26 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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



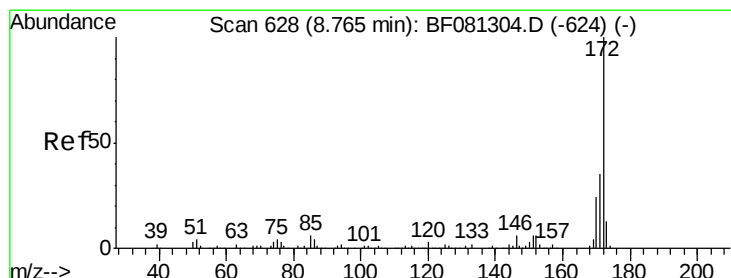
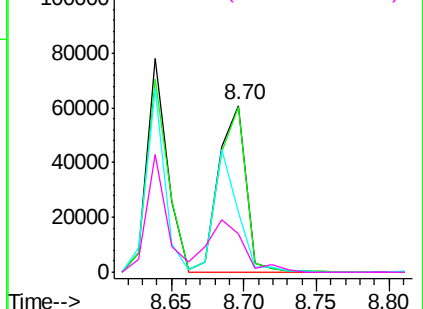
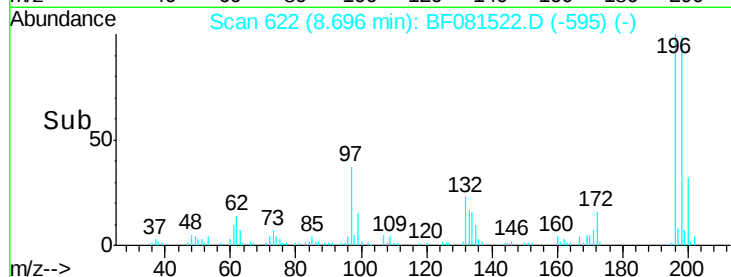
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

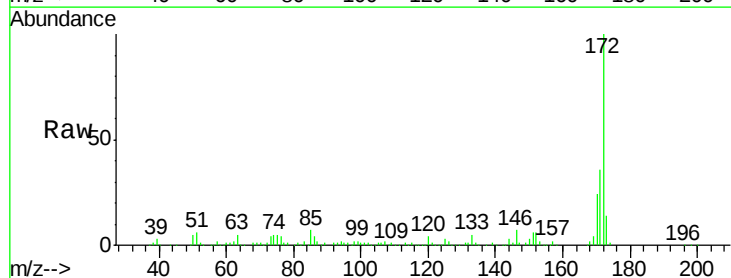
Ion 97.00 (96.70 to 97.70): BF0

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

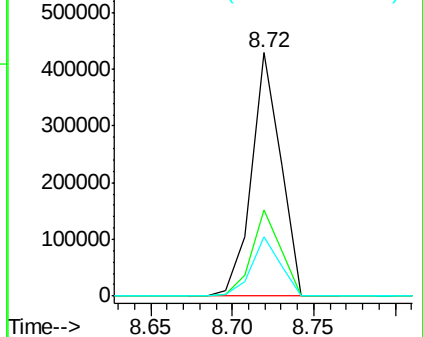
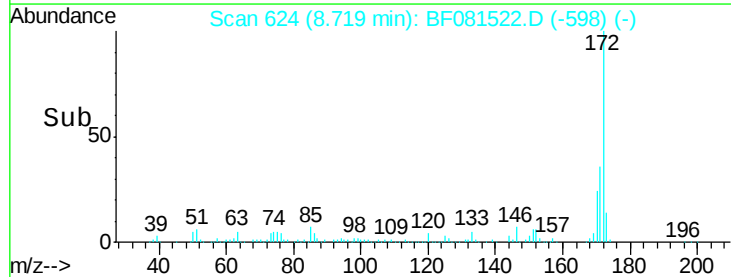


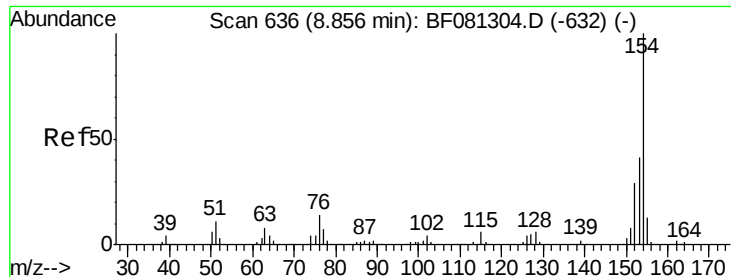
Abundance

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

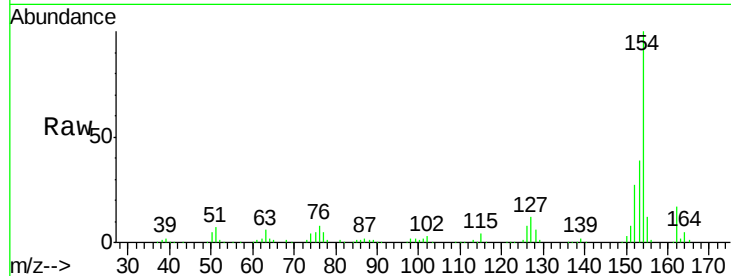




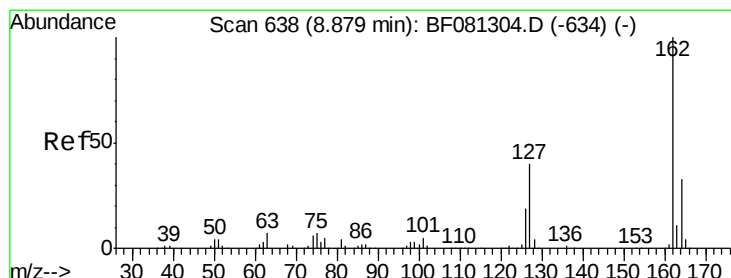
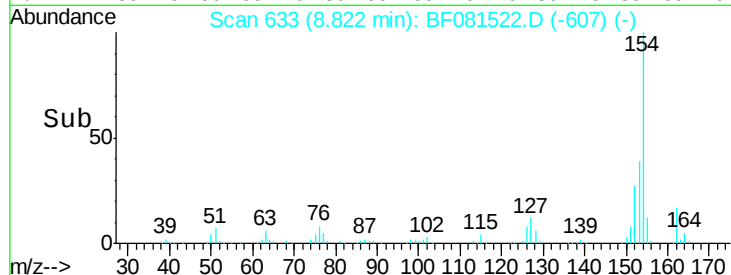
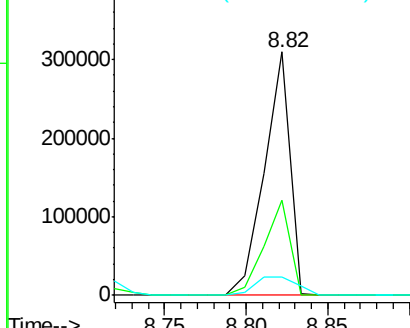
#45
1,1'-Biphenyl
Concen: 35.12 ng
RT: 8.82 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB85436BS

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

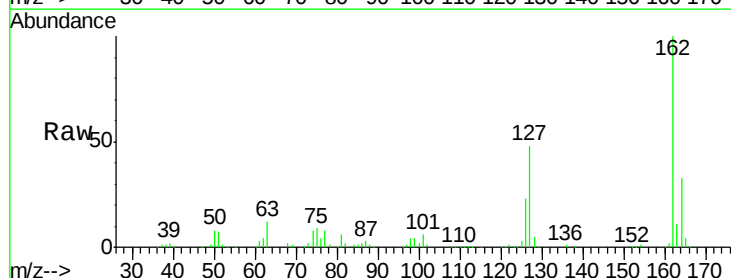


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

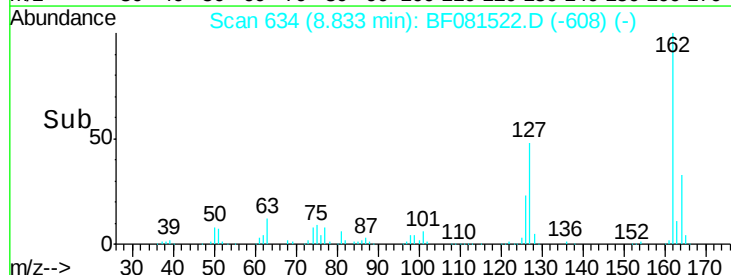
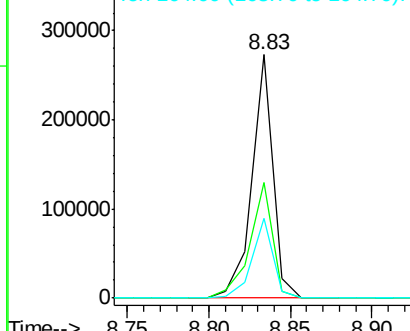


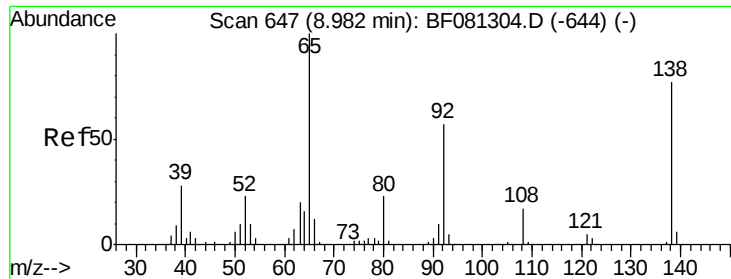
#46
2-Chloronaphthalene
Concen: 35.13 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

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 :

PB85436BS

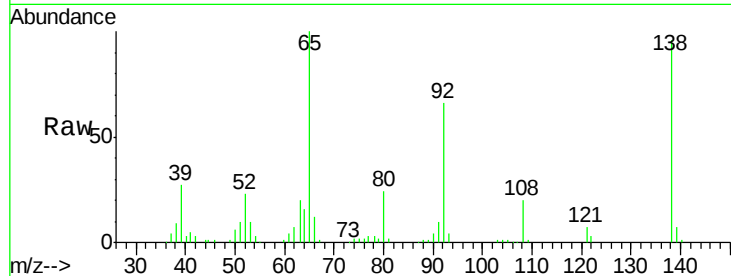
Tot Ion: 65 Resp: 111081

Ion Ratio Lower Upper

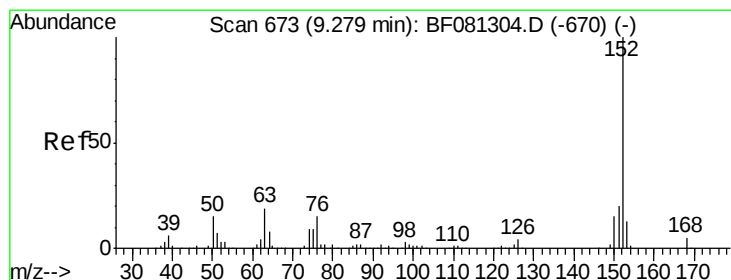
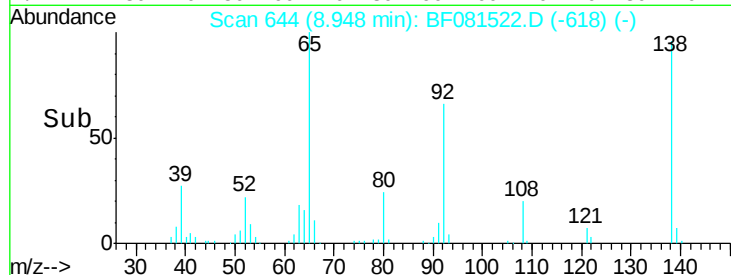
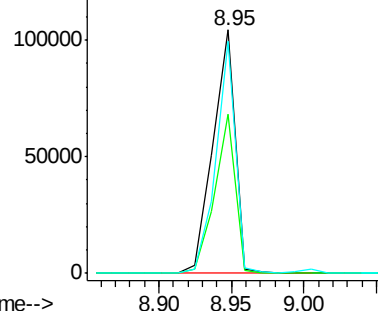
65 100

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): E



#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

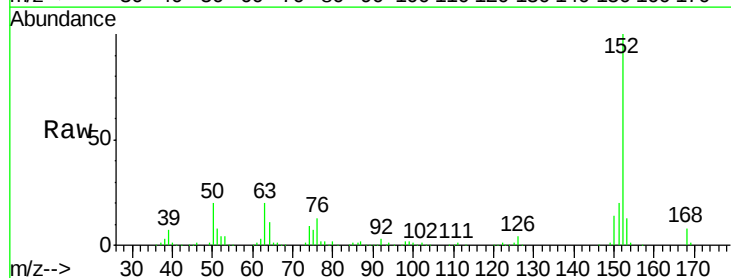
Tgt Ion: 152 Resp: 424101

Ion Ratio Lower Upper

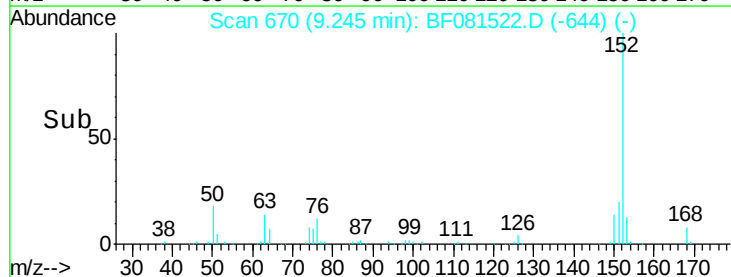
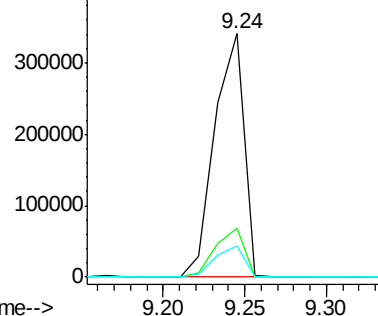
152 100

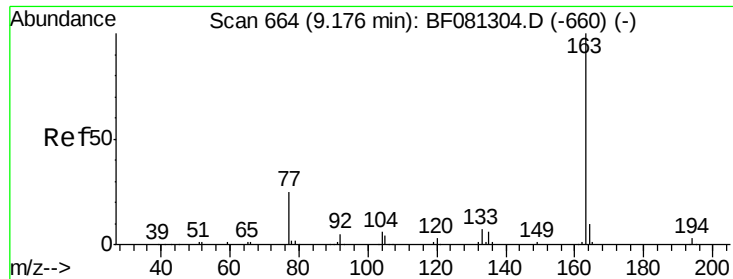
151 20.2 14.6 22.0

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

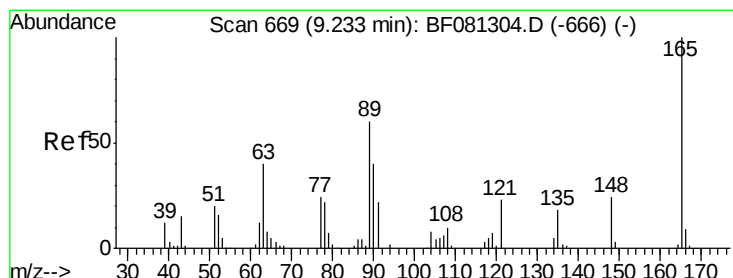
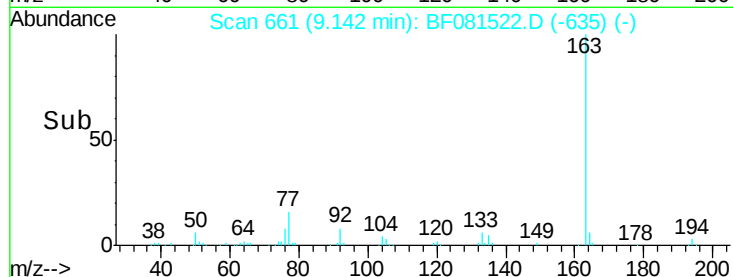
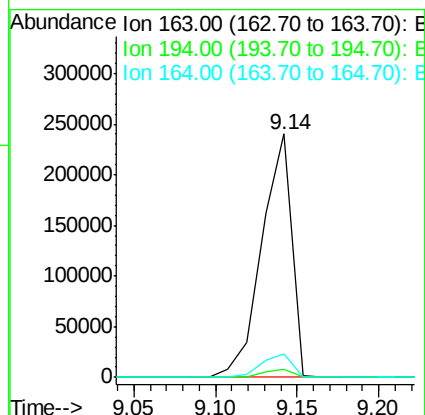
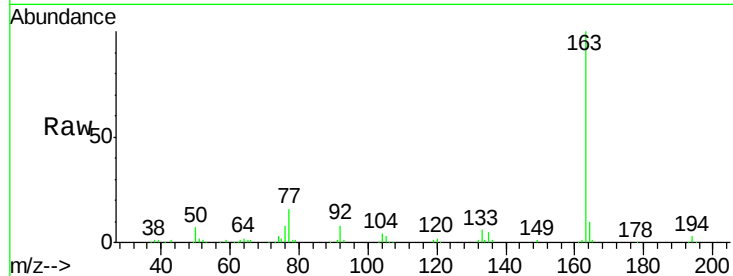




#49
Dimethylphthalate
Concen: 37.71 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

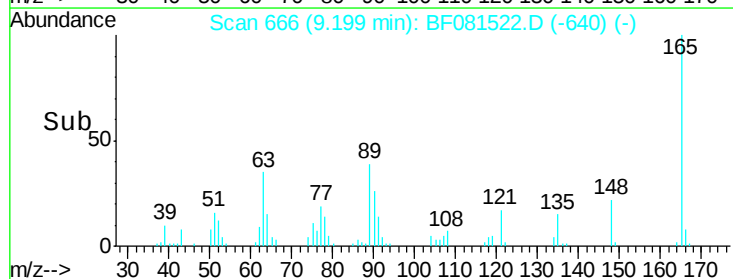
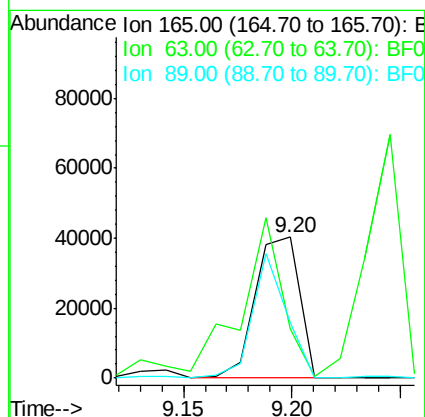
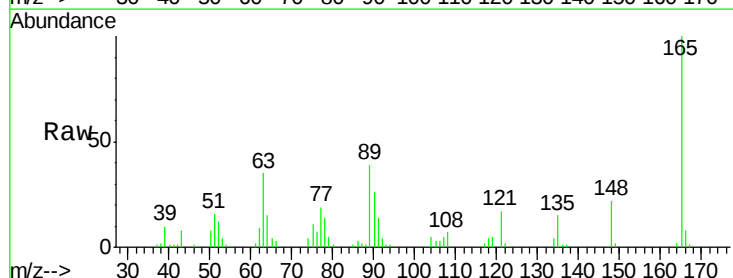
Instrument :
BNA_F
ClientSampleId :
PB85436BS

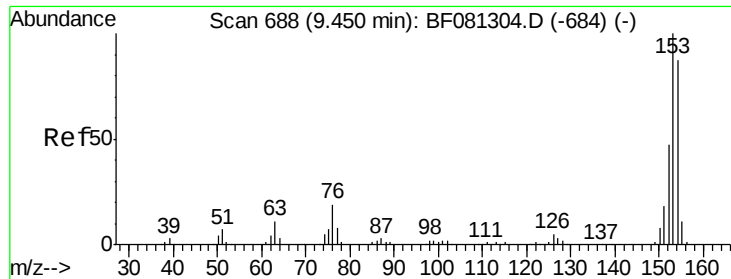
Tot Ion:163 Resp: 305746
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.5 8.3 12.5



#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 :

PB85436BS

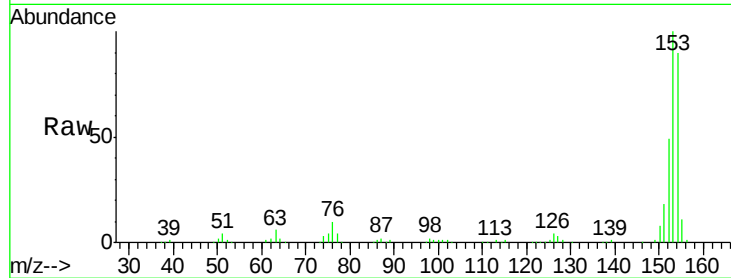
Tot Ion:154 Resp: 250502

Ion Ratio Lower Upper

154 100

153 111.3 82.1 123.1

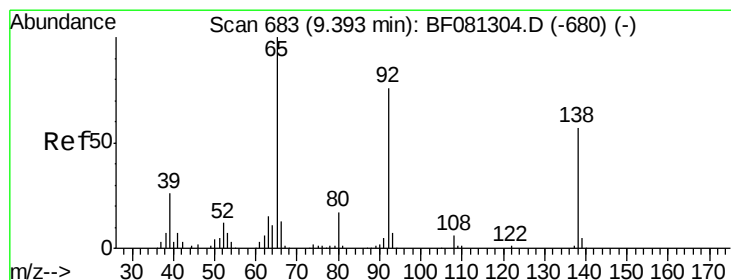
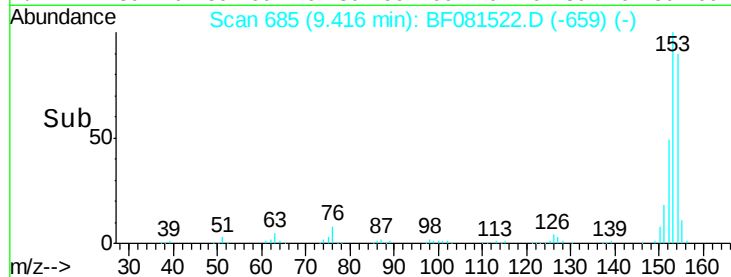
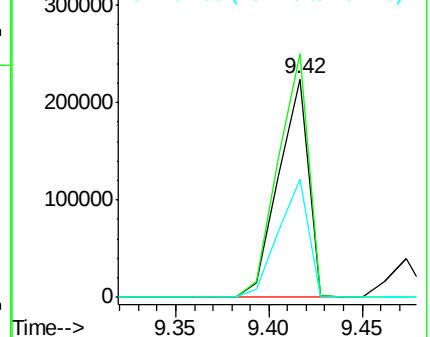
152 54.3 37.9 56.9



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

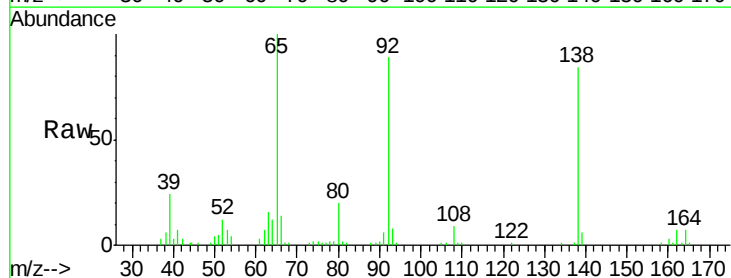
Tgt Ion:138 Resp: 57303

Ion Ratio Lower Upper

138 100

108 10.5 5.7 8.5#

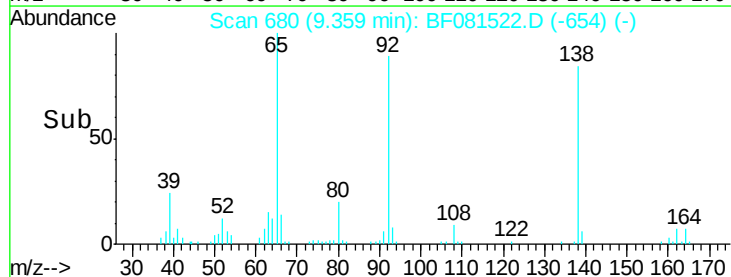
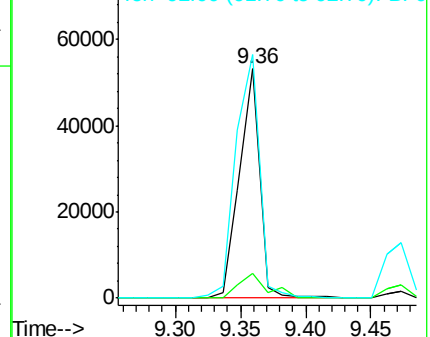
92 106.3 67.7 101.5#

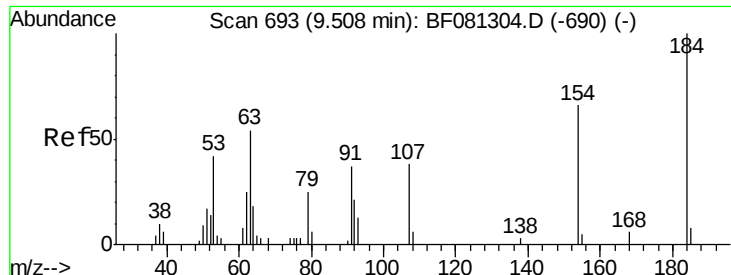


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

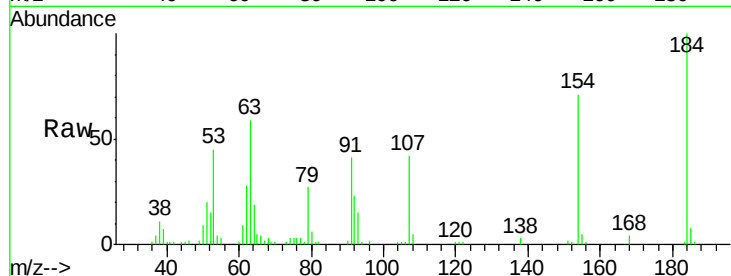




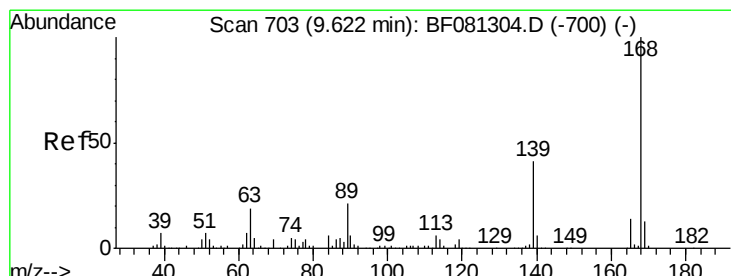
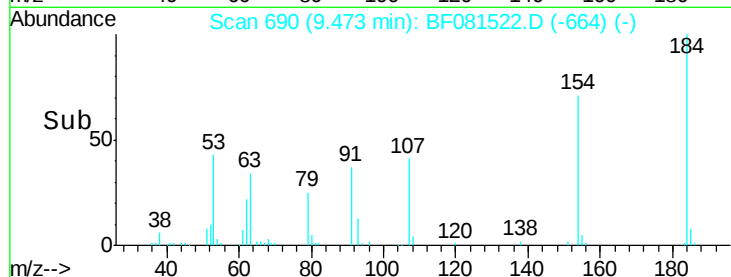
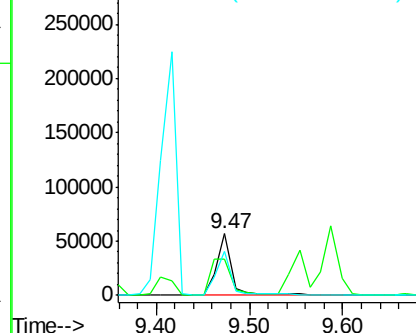
#53
 2,4-Dinitrophenol
 Concen: 83.08 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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#

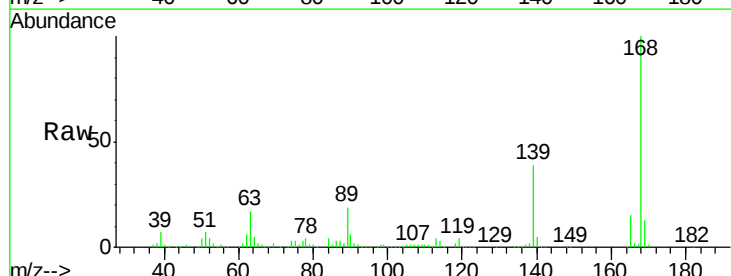


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

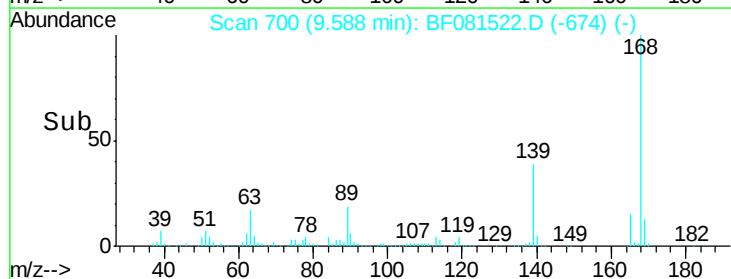
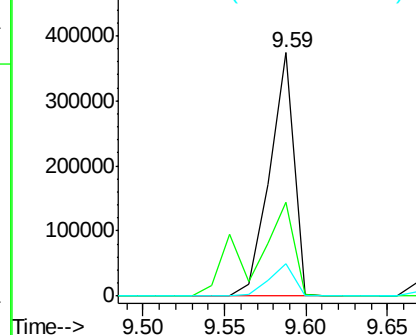


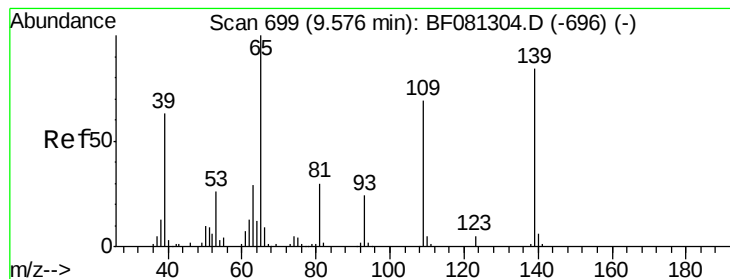
#54
 Dibenzofuran
 Concen: 38.04 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

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 :

PB85436BS

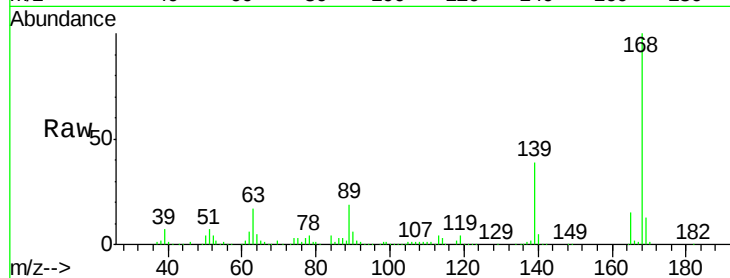
Tot Ion:139 Resp: 251516

Ion Ratio Lower Upper

139 100

109 2.0 12.7 52.7#

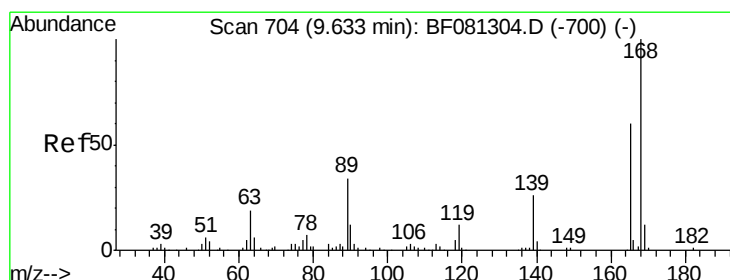
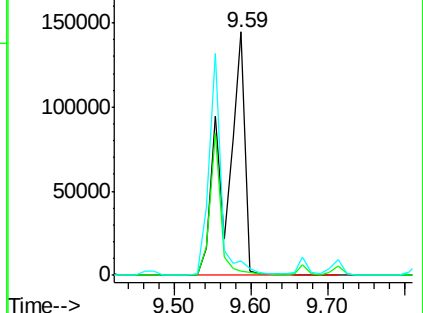
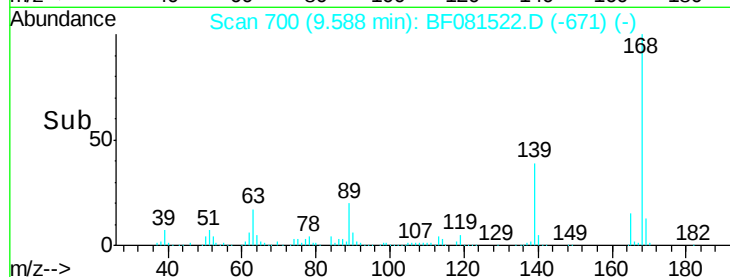
65 6.2 45.9 85.9#



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:165 Resp: 81474

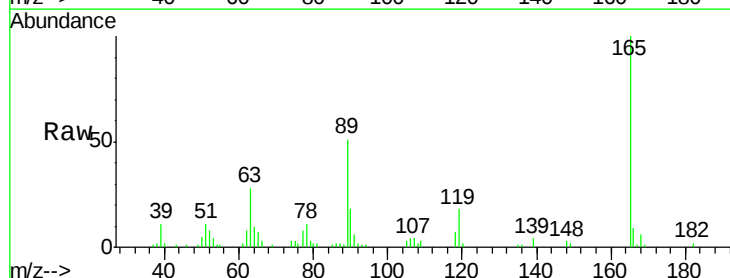
Ion Ratio Lower Upper

165 100

63 28.0 29.8 44.6#

89 51.0 44.5 66.7

182 2.3 3.0 4.4#

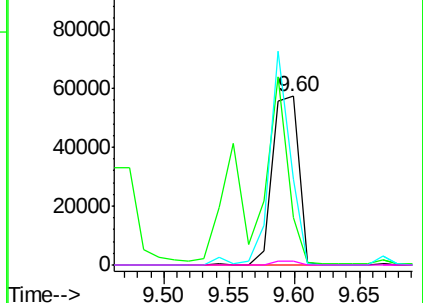
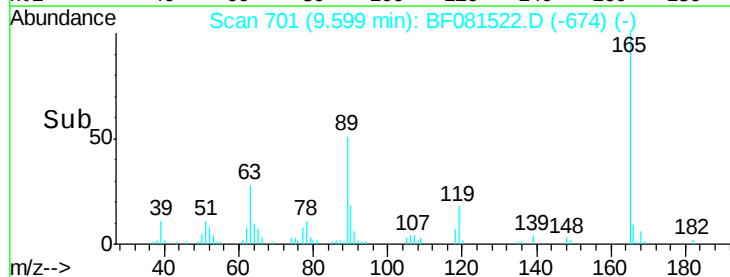


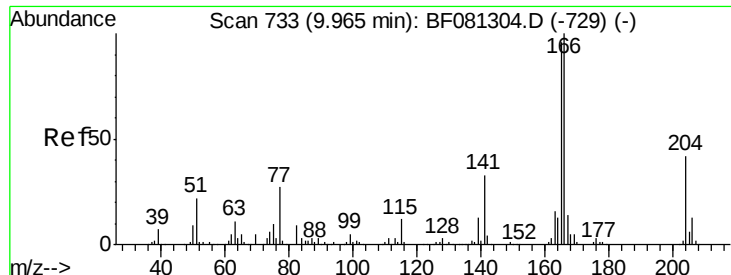
Abundance Ion 165.00 (164.70 to 165.70): E

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

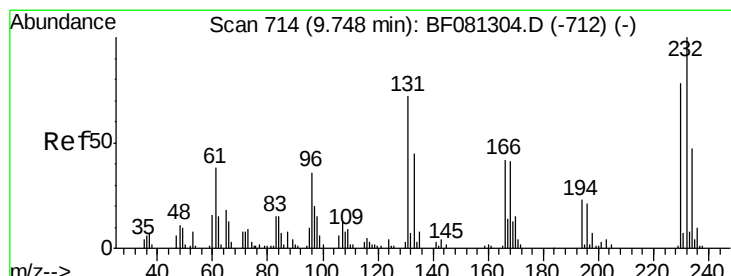
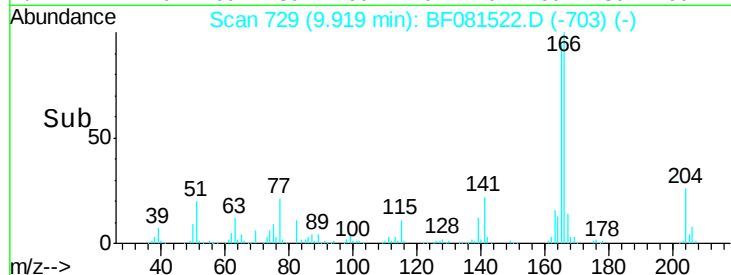
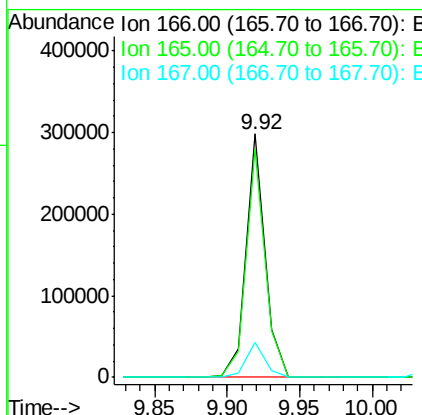
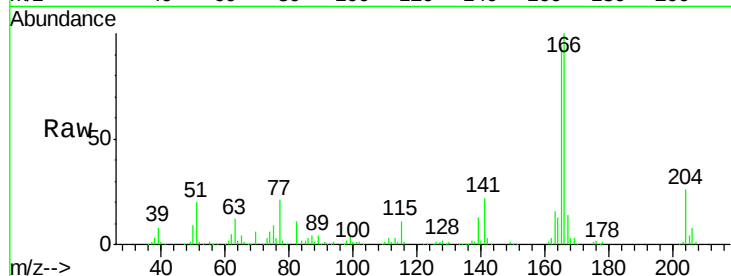




#57
 Fluorene
 Concen: 35.04 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

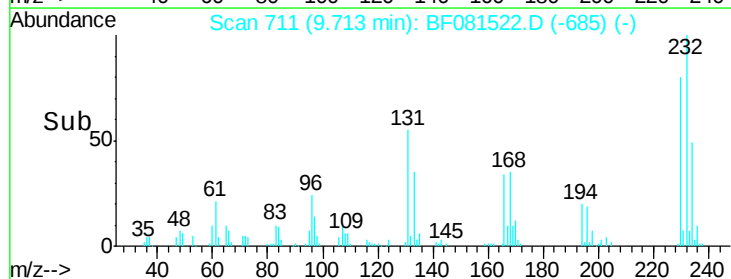
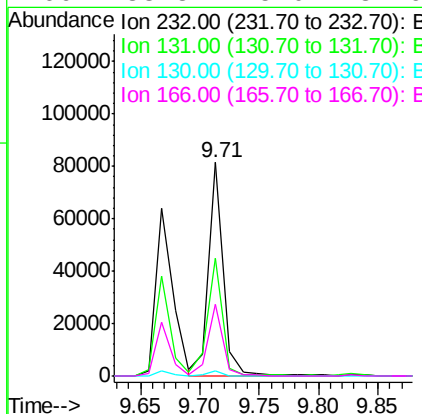
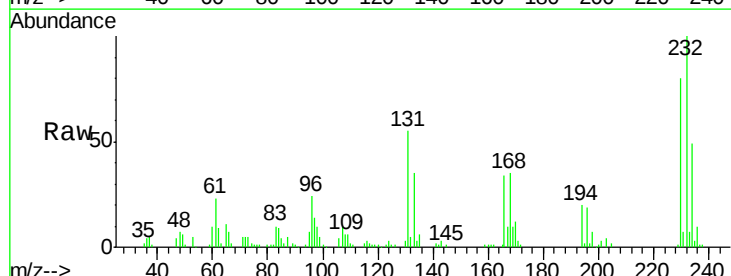
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

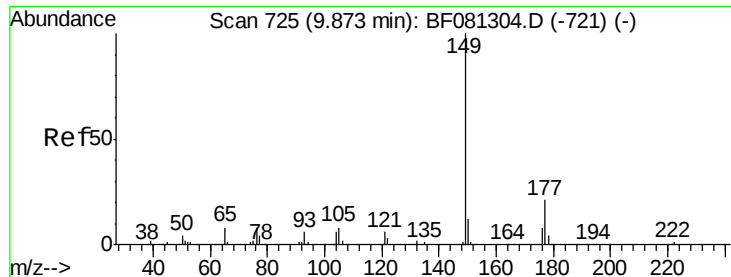
Tot Ion:166 Resp: 271625
 Ion Ratio Lower Upper
 166 100
 165 93.5 72.6 109.0
 167 14.4 10.6 16.0



#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

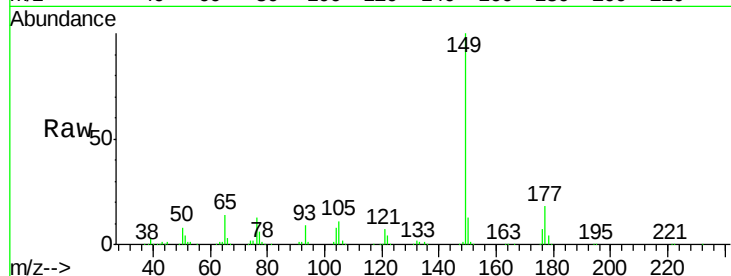




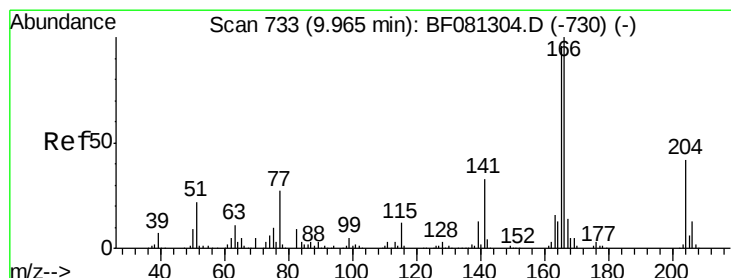
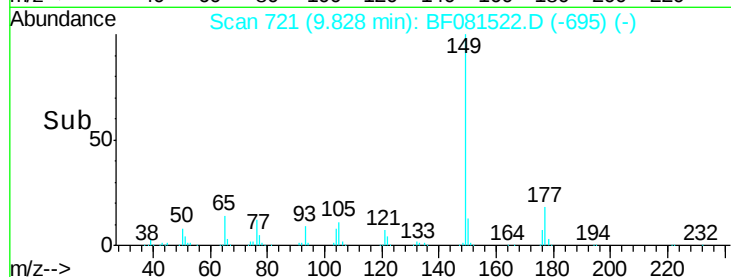
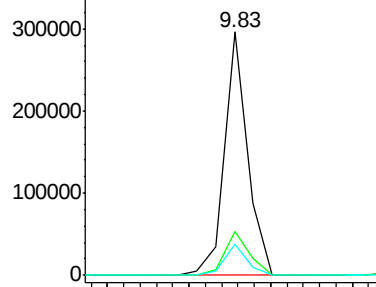
#59
Diethylphthalate
Concen: 34.24 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB85436BS

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

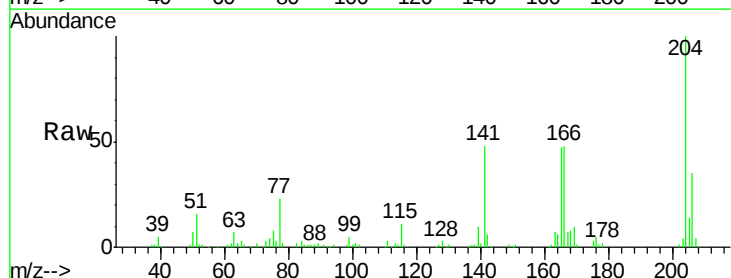


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

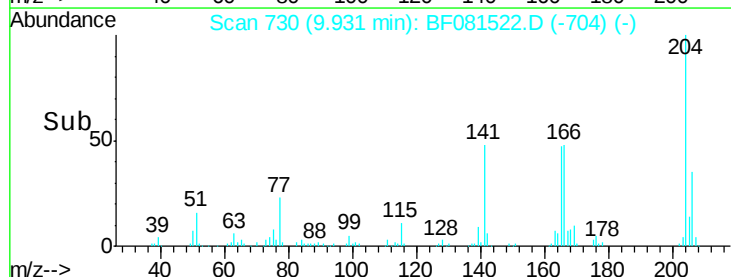
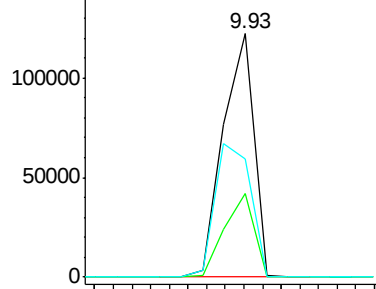


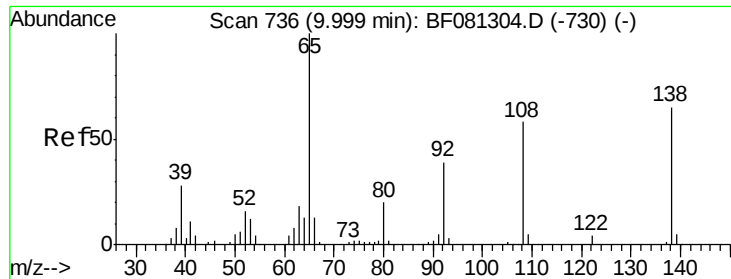
#60
4-Chlorophenyl-phenylether
Concen: 38.64 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

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

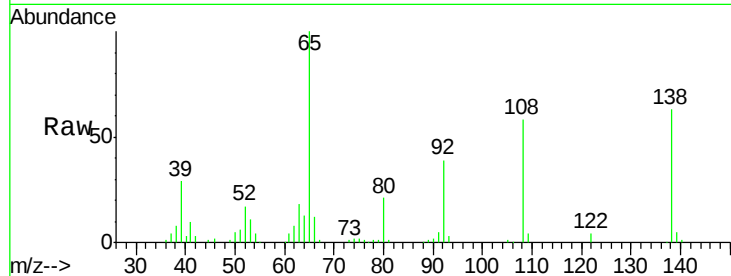




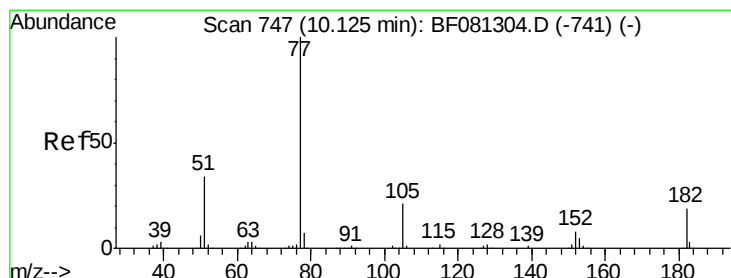
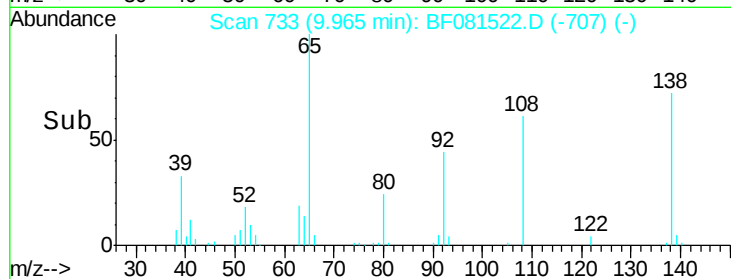
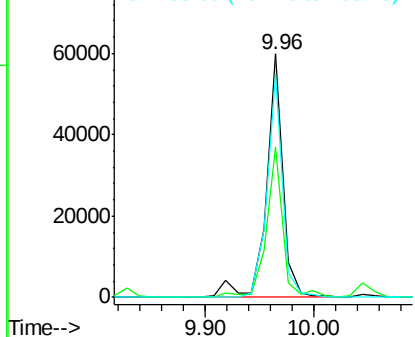
#61
4-Nitroaniline
Concen: 30.50 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB85436BS

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#

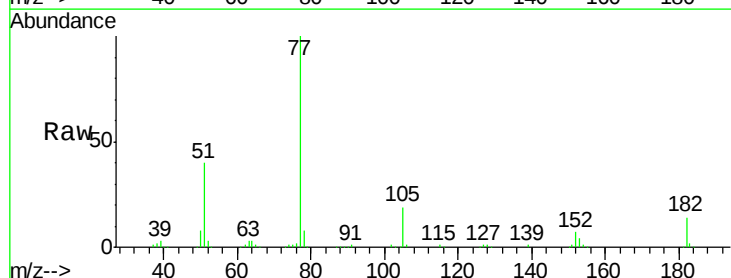


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

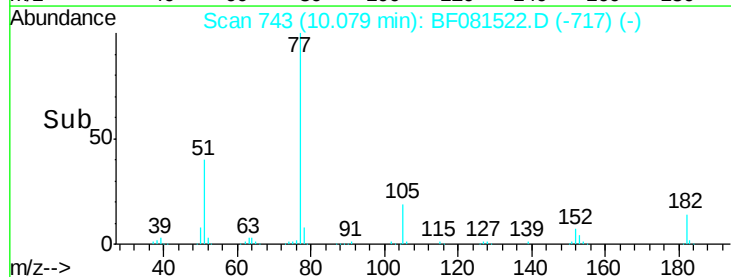
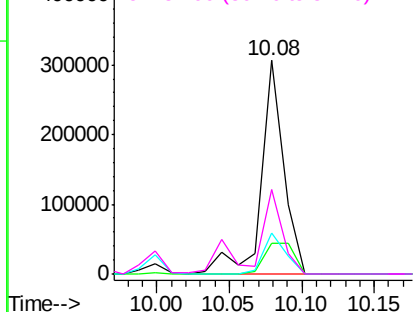


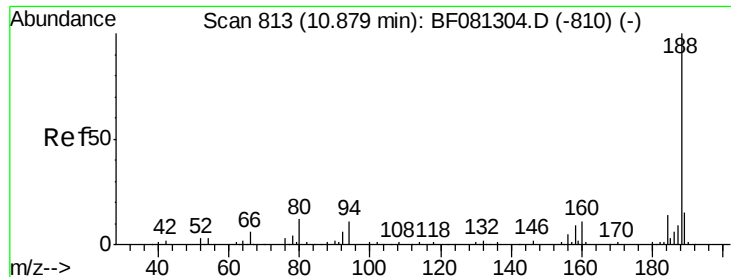
#62
Azobenzene
Concen: 34.99 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

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

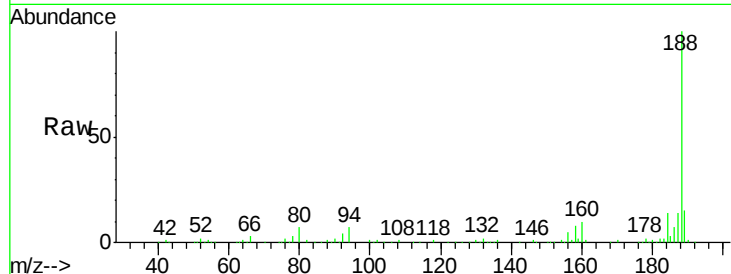




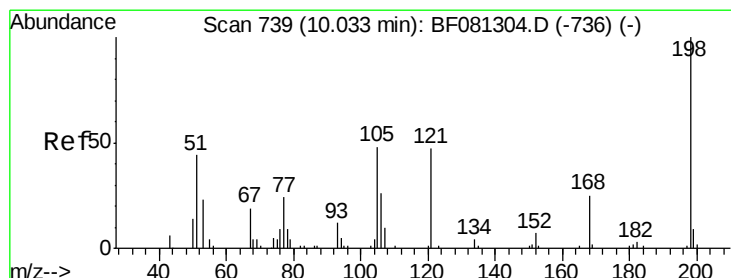
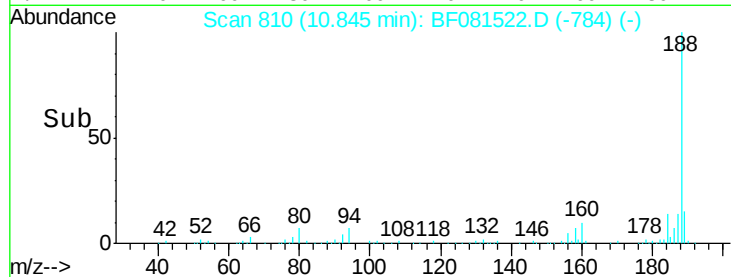
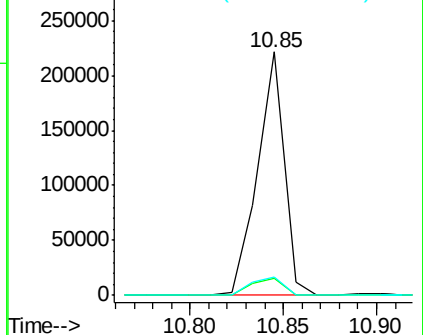
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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

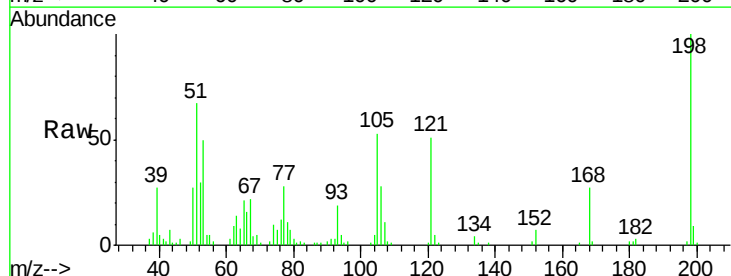


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

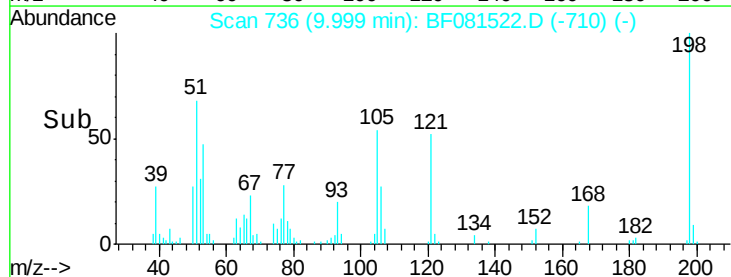
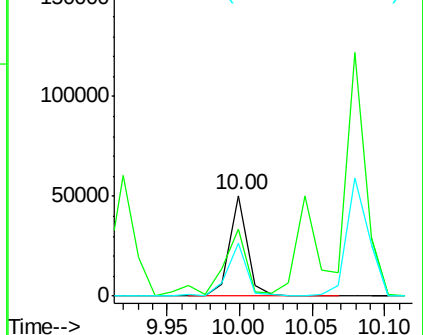


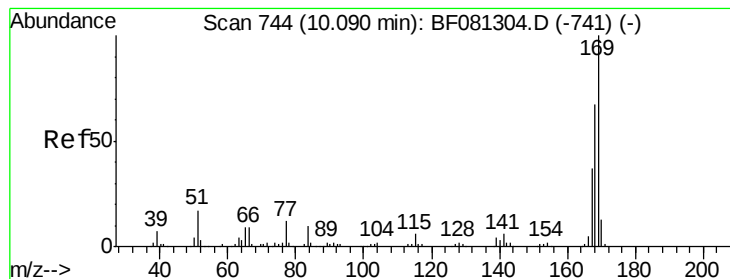
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.91 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Tgt Ion:198 Resp: 43953
 Ion Ratio Lower Upper
 198 100
 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 :

PB85436BS

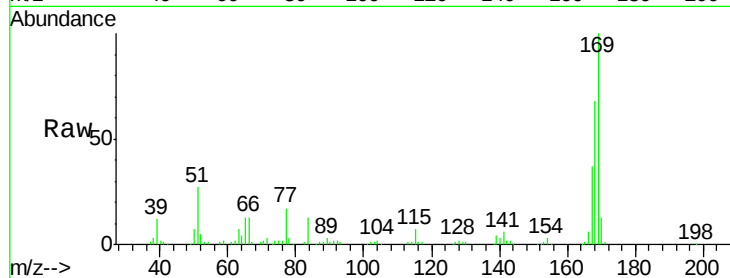
Tot Ion:169 Resp: 239451

Ion Ratio Lower Upper

169 100

168 67.8 48.9 73.3

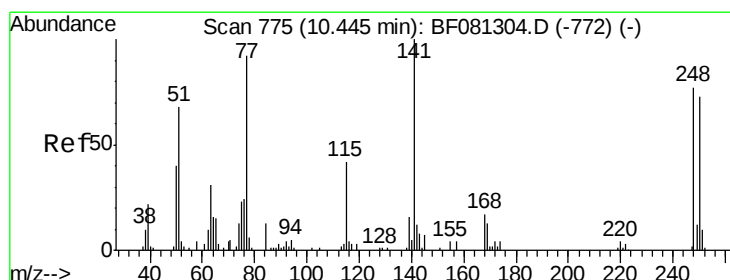
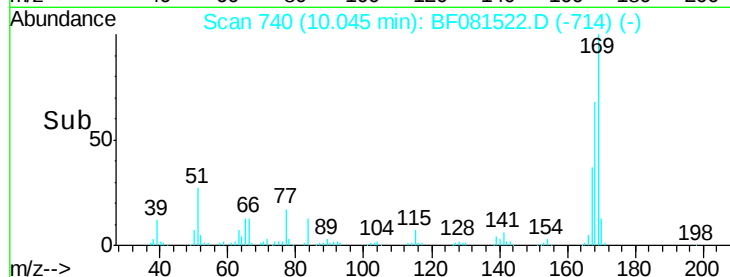
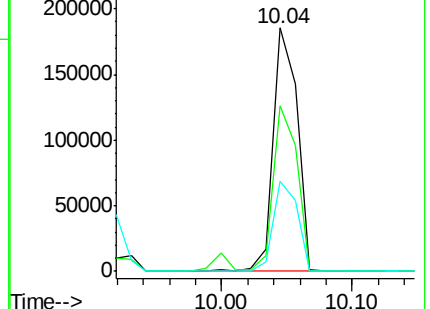
167 36.9 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 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

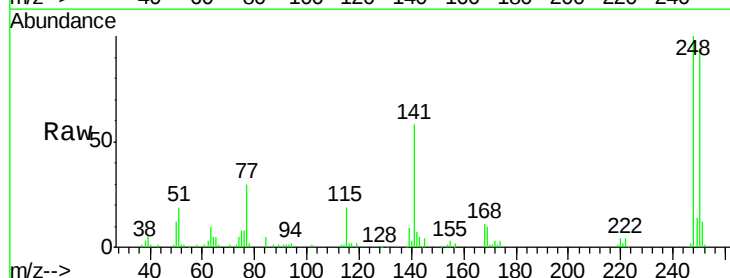
Tgt Ion:248 Resp: 80952

Ion Ratio Lower Upper

248 100

250 93.6 78.5 117.7

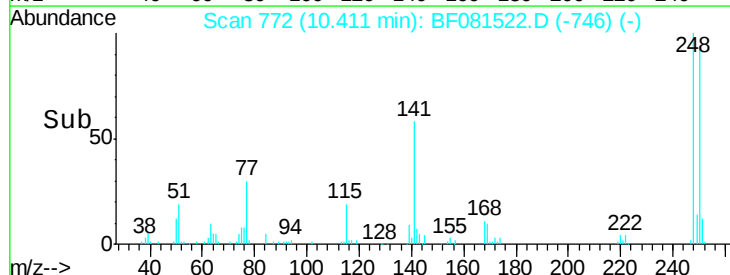
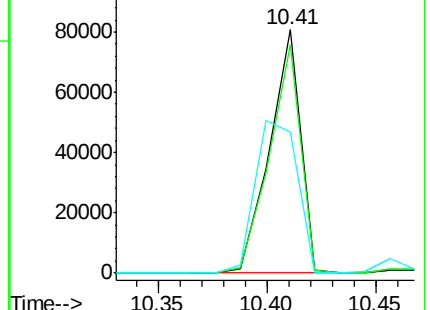
141 58.0 59.0 88.6#

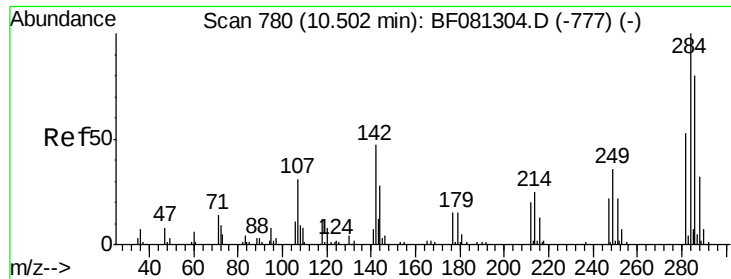


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

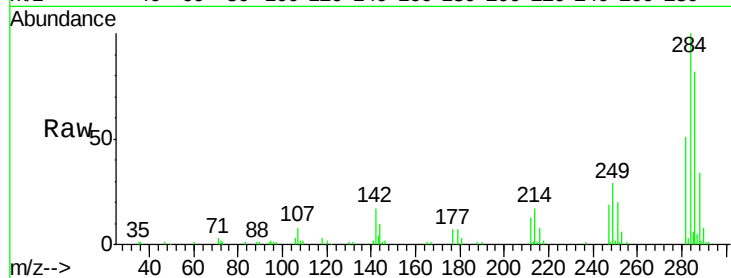




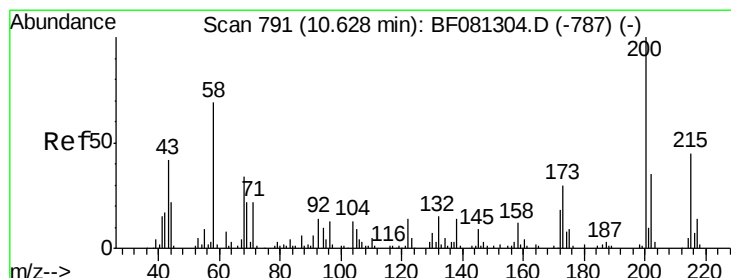
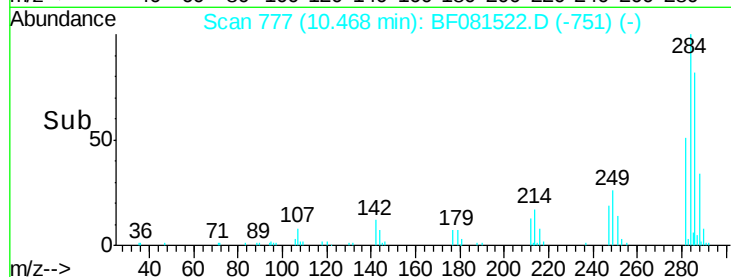
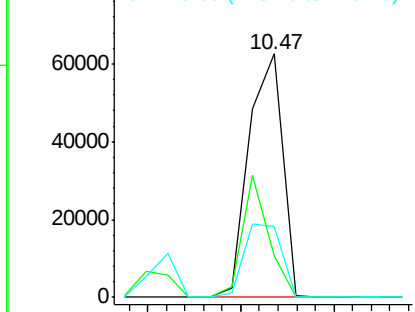
#67
Hexachlorobenzene
Concen: 33.77 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

Instrument :
BNA_F
ClientSampleId :
PB85436BS

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

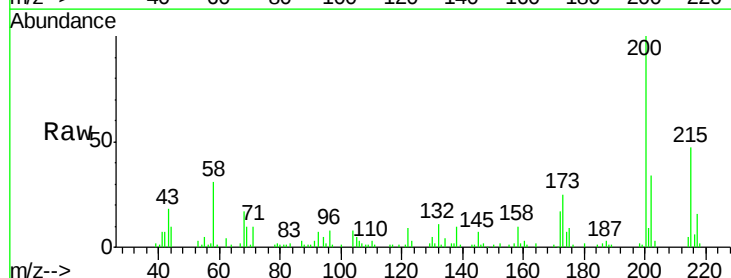


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

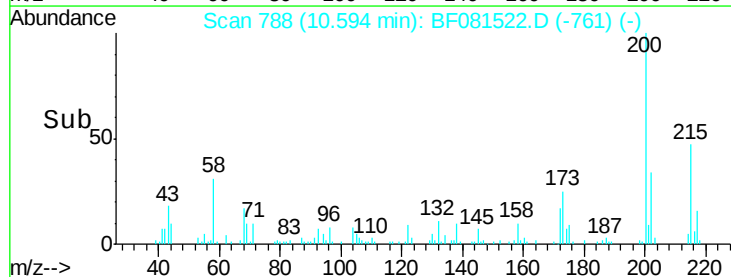
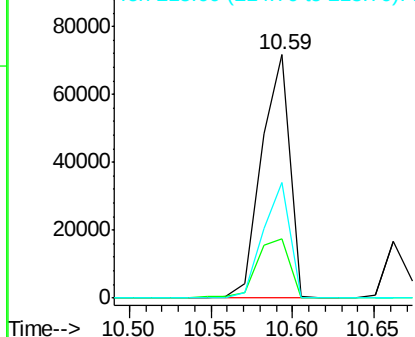


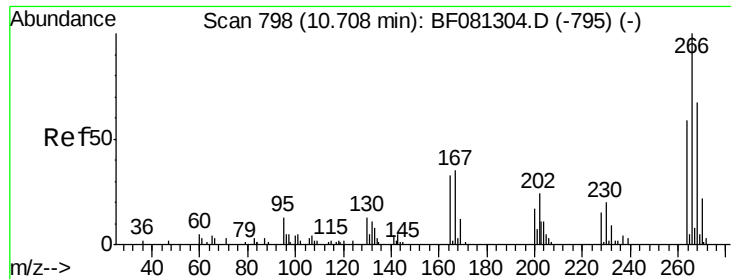
#68
Atrazine
Concen: 37.32 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

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

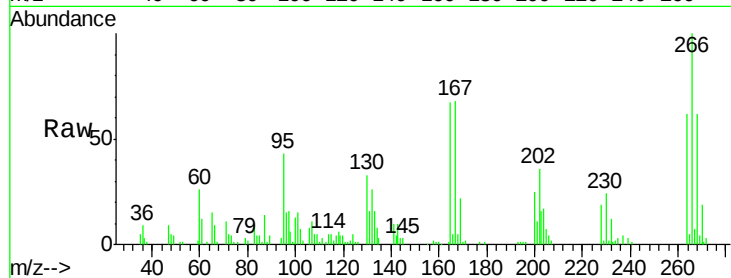




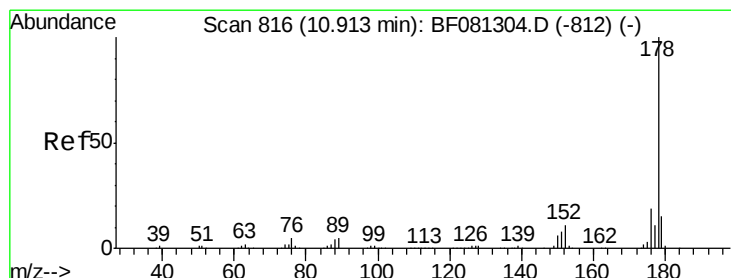
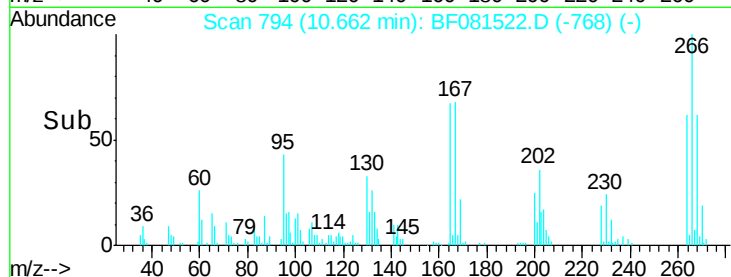
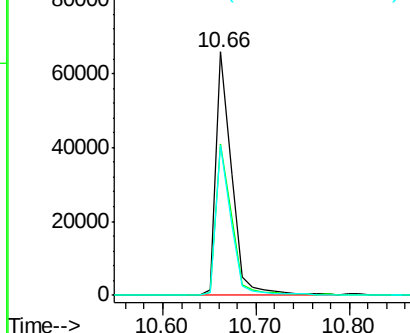
#69
 Pentachlorophenol
 Concen: 69.63 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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

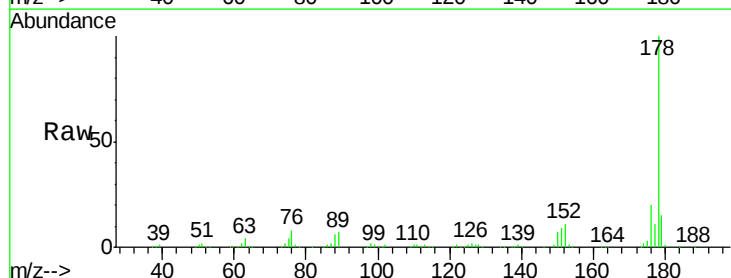


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

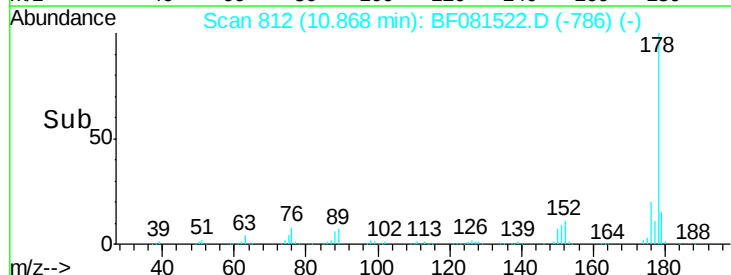
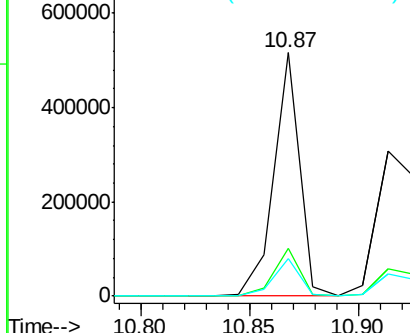


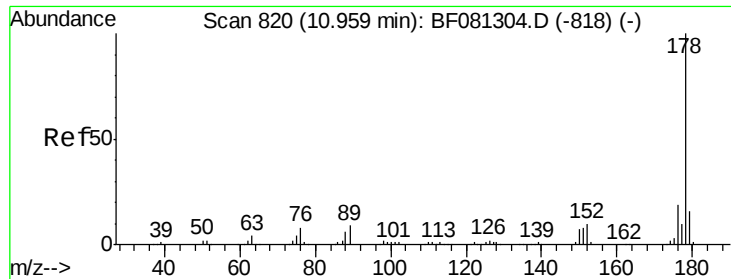
#70
 Phenanthrene
 Concen: 35.59 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

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

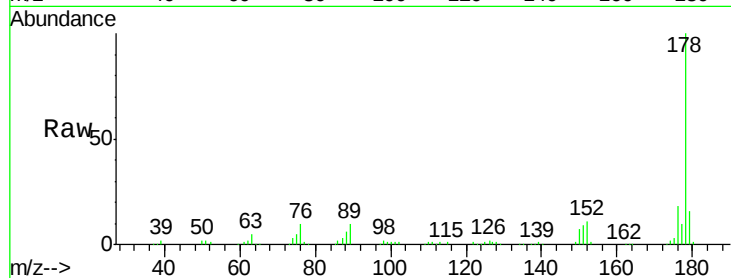




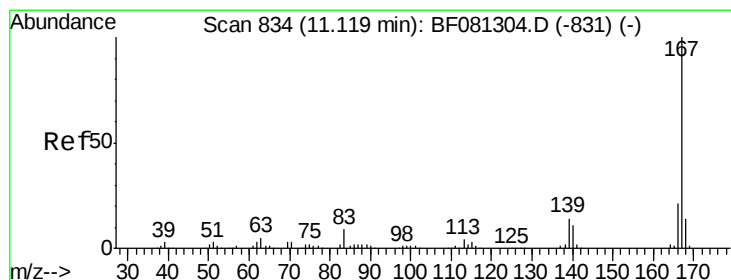
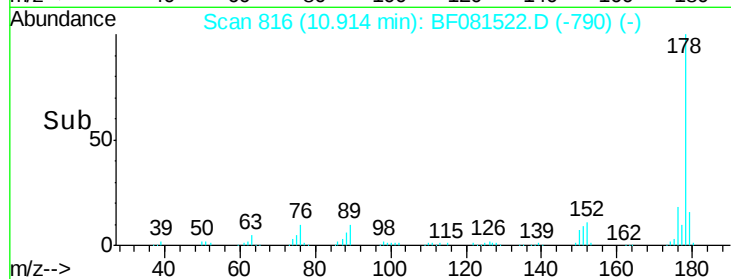
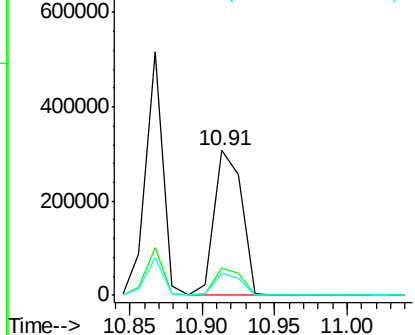
#71
 Anthracene
 Concen: 32.36 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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

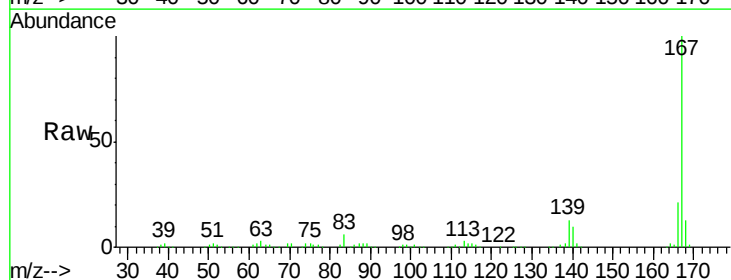


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

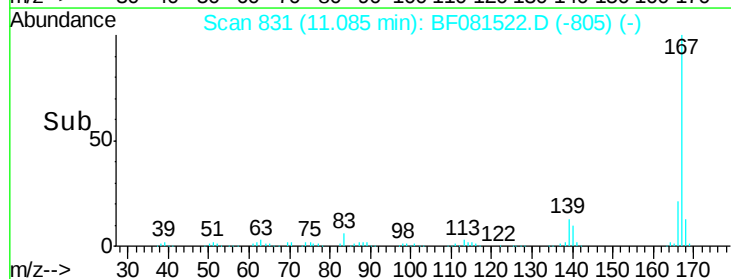
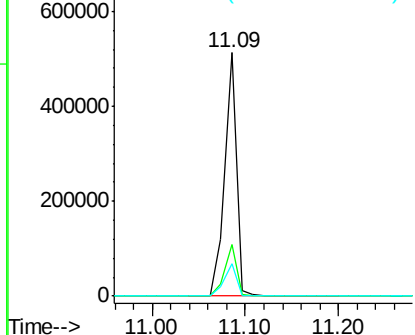


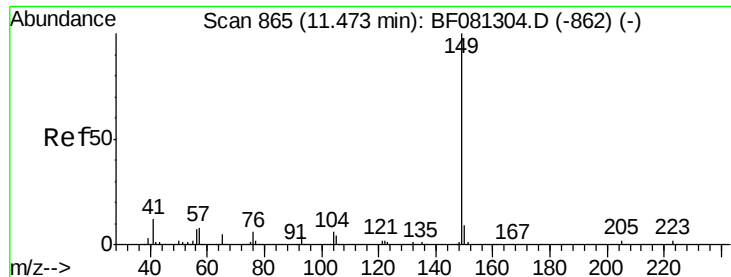
#72
 Carbazole
 Concen: 38.24 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

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 :

PB85436BS

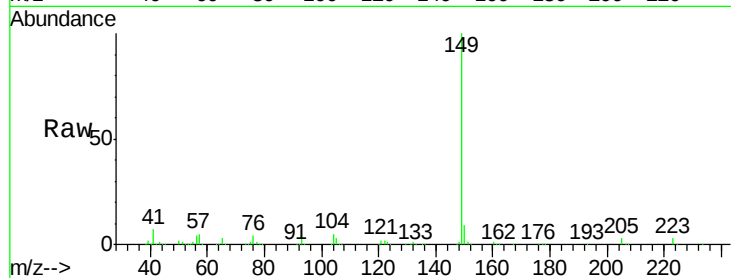
Tot Ion:149 Resp: 536093

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

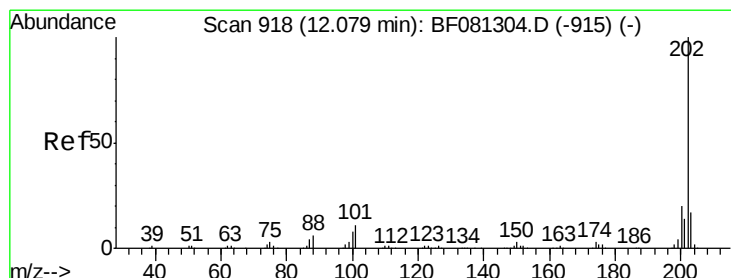
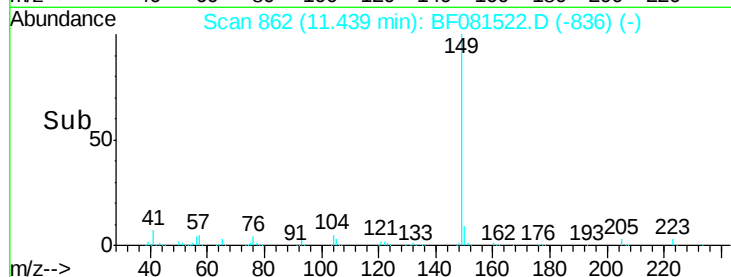
11.44

400000

200000

0

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

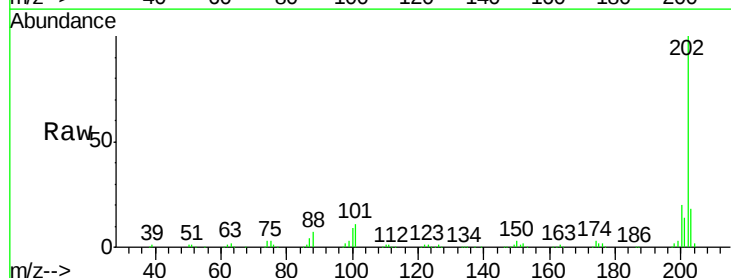
Tgt Ion:202 Resp: 435498

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

12.03

400000

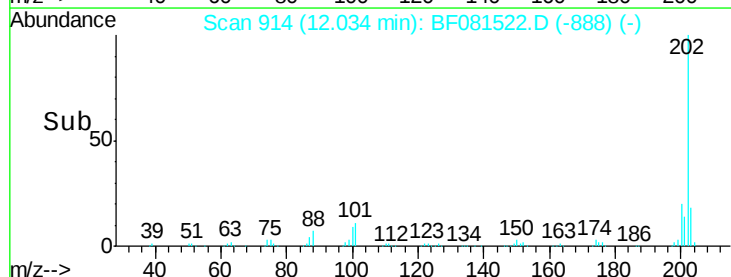
300000

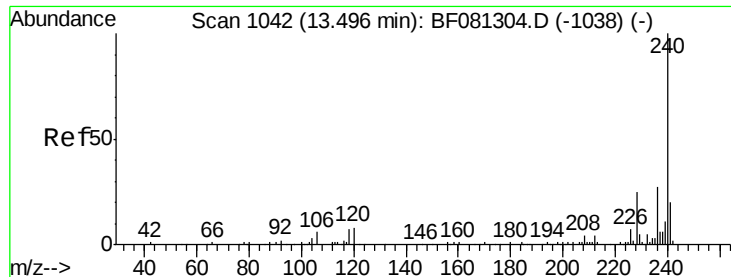
200000

100000

0

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 :

PB85436BS

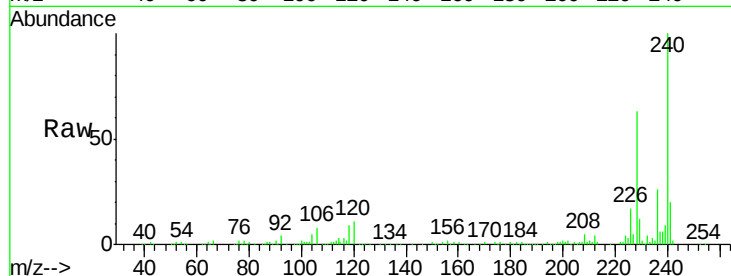
Tot Ion:240 Resp: 179919

Ion Ratio Lower Upper

240 100

120 10.9 16.2 24.2#

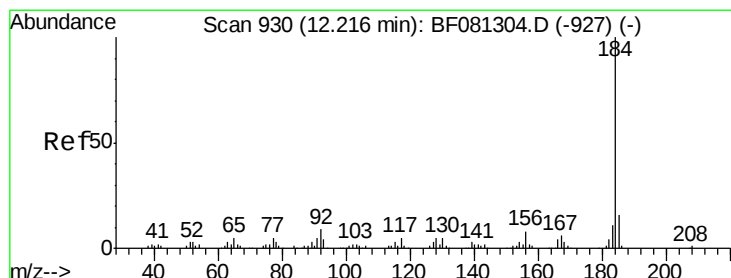
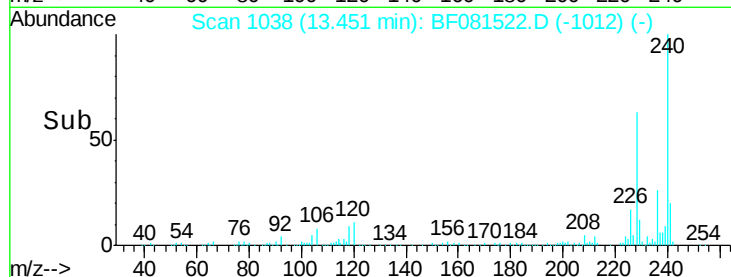
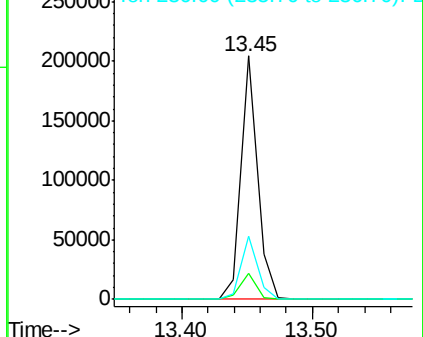
236 25.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 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

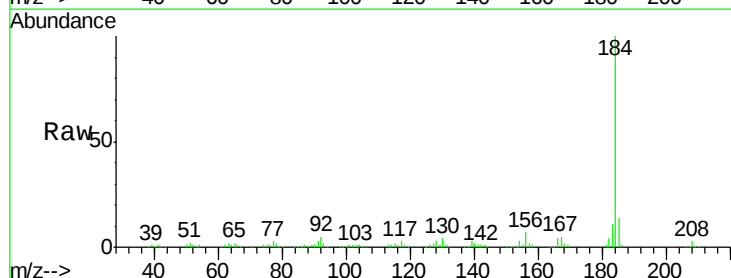
Tgt Ion:184 Resp: 209166

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

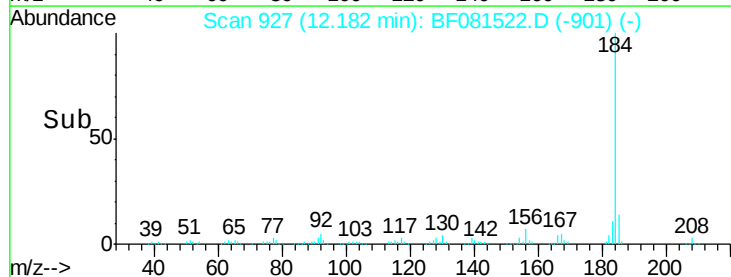
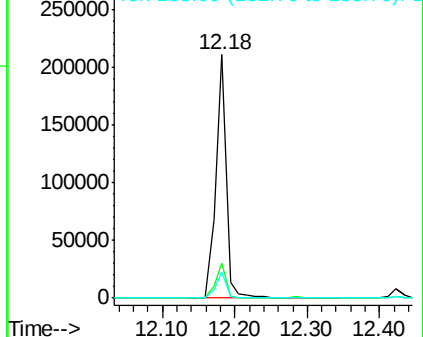
183 10.6 7.6 11.4

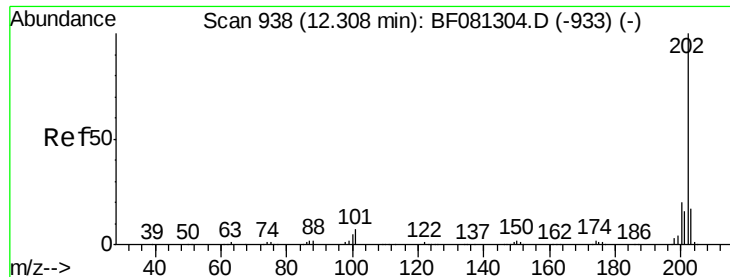


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

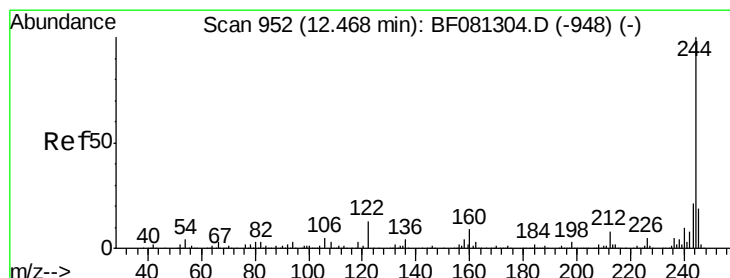
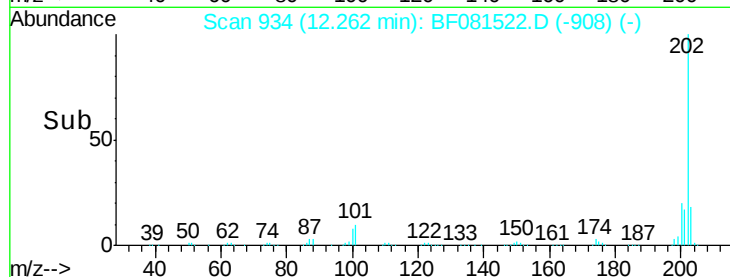
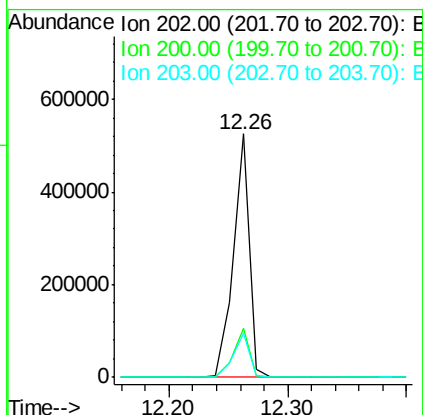
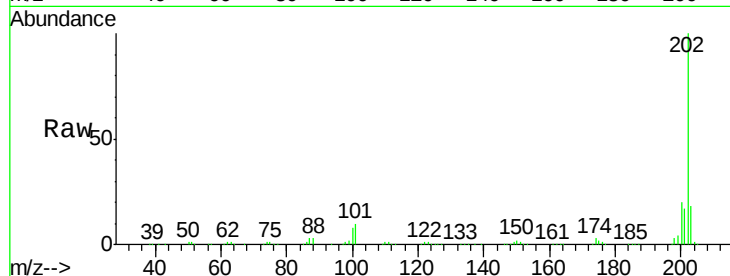




#77
Pvrene
Concen: 36.50 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081522.D
Acq: 8 Sep 2015 15:00

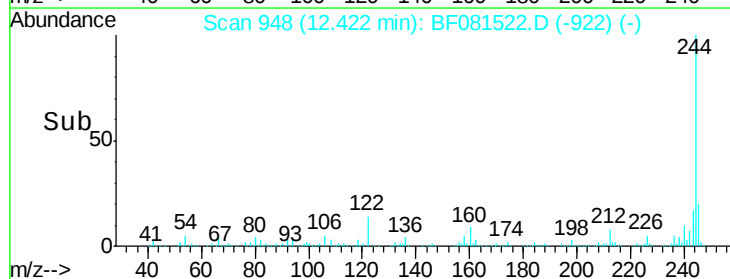
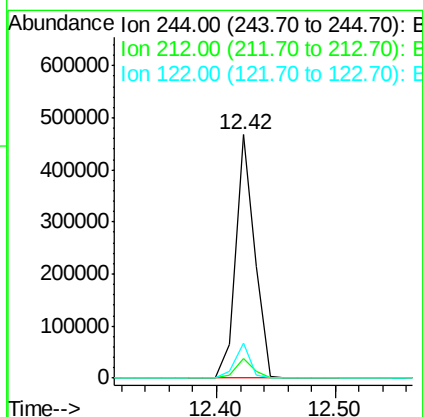
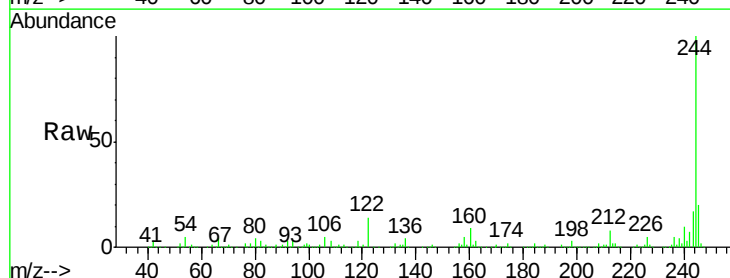
Instrument :
BNA_F
ClientSampleId :
PB85436BS

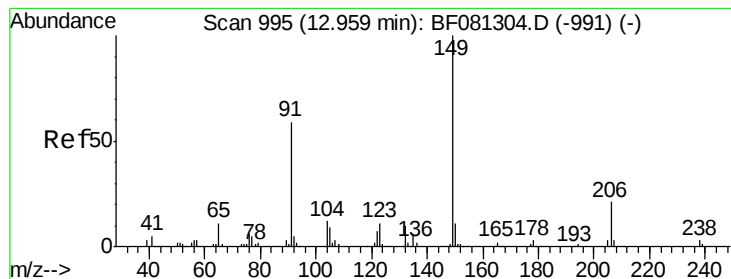
Tot Ion:202 Resp: 486473
Ion Ratio Lower Upper
202 100
200 20.2 15.0 22.4
203 18.1 14.1 21.1



#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 :

PB85436BS

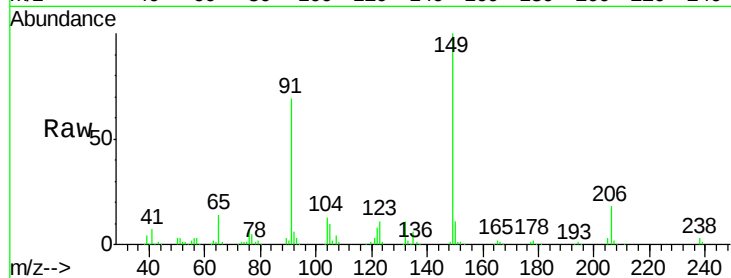
Tot Ion:149 Resp: 225678

Ion Ratio Lower Upper

149 100

91 69.3 48.6 72.8

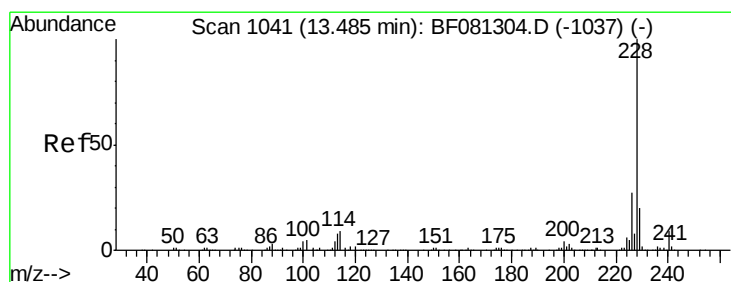
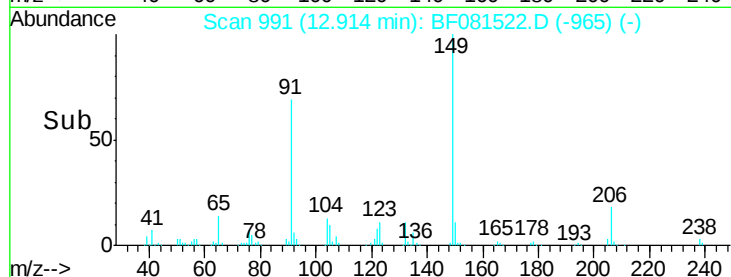
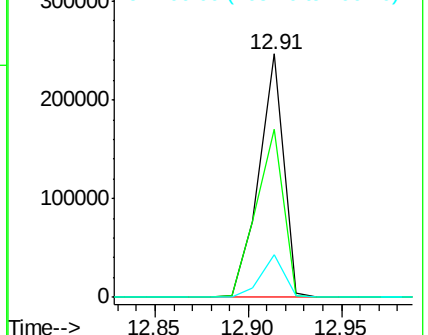
206 17.6 14.9 22.3



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

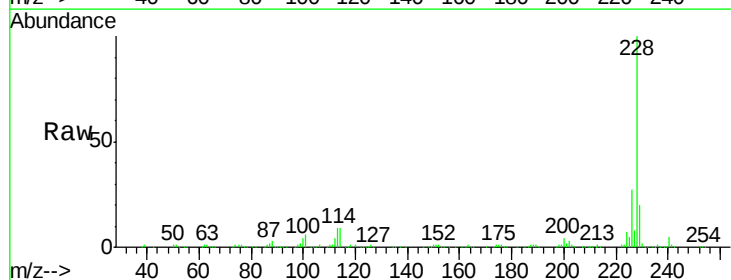
Tgt Ion:228 Resp: 390206

Ion Ratio Lower Upper

228 100

226 27.2 20.0 30.0

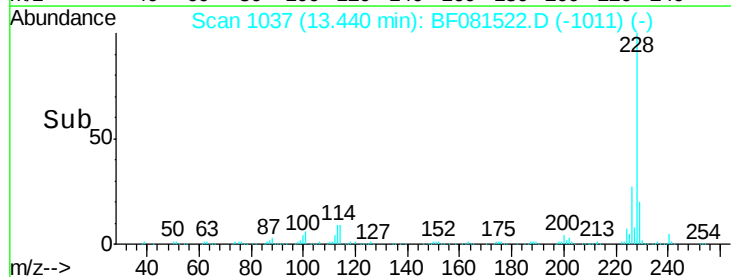
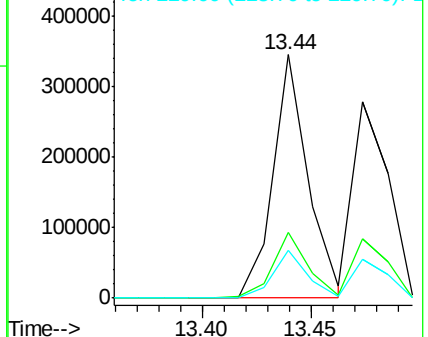
229 19.6 15.4 23.2

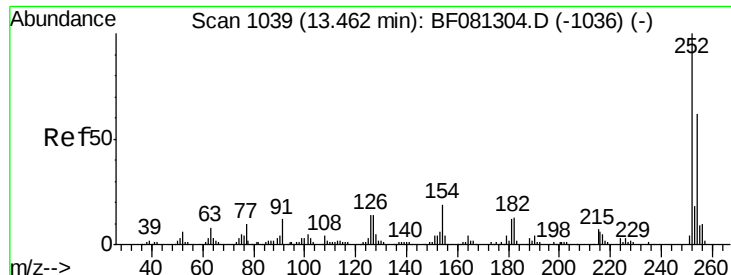


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

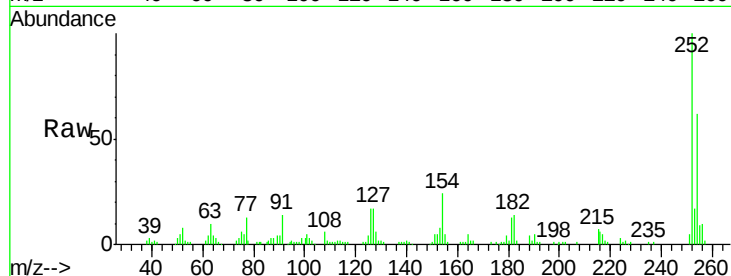




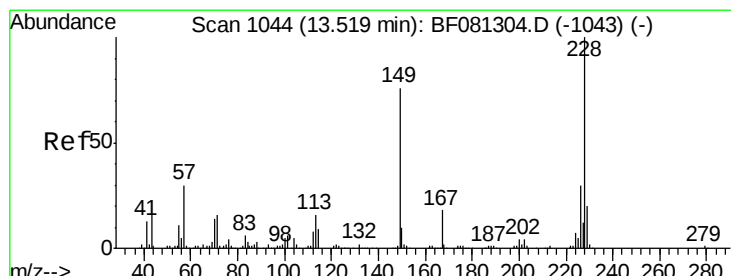
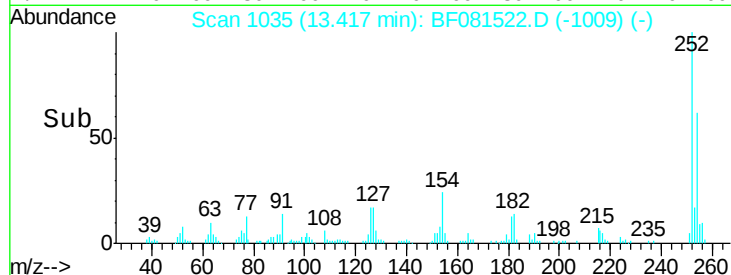
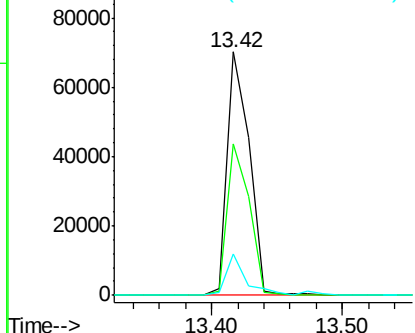
#81
 3,3'-Dichlorobenzidine
 Concen: 21.33 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

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

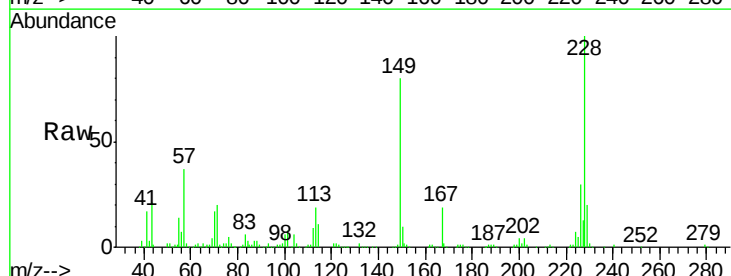


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

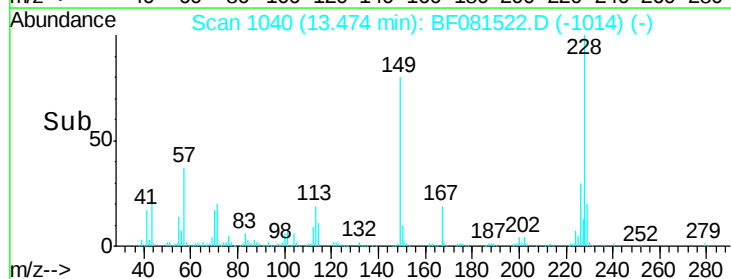
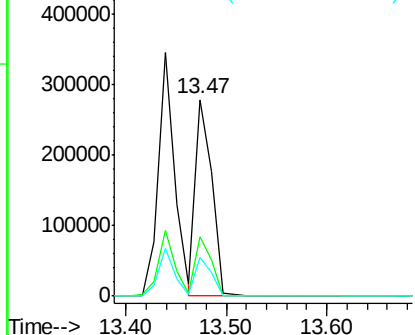


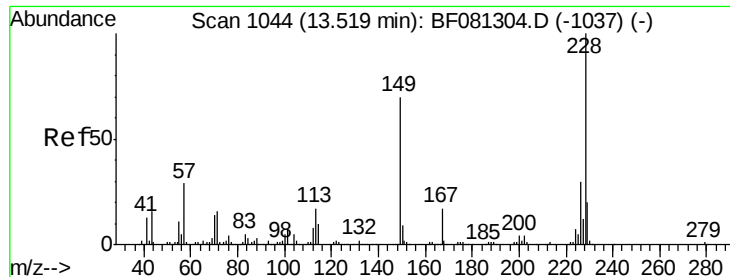
#82
 Chrysene
 Concen: 31.03 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

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 :

PB85436BS

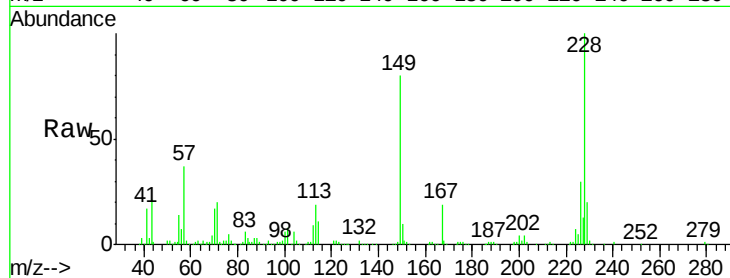
Tot Ion:149 Resp: 266888

Ion Ratio Lower Upper

149 100

167 23.6 24.2 36.2#

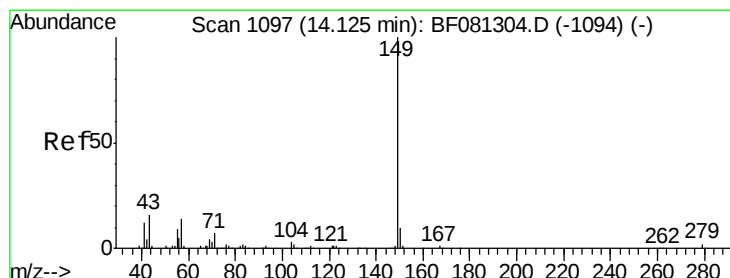
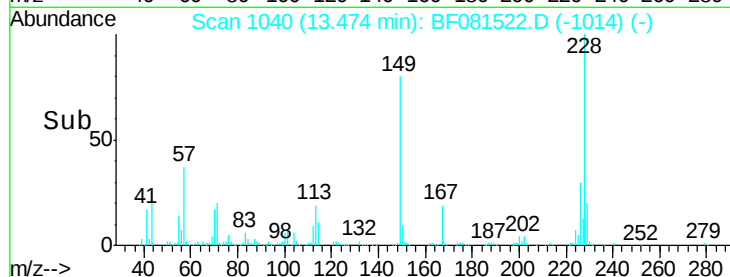
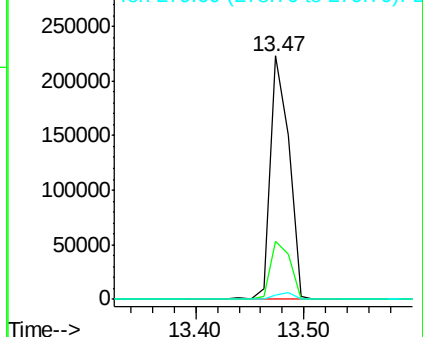
279 1.5 3.8 5.6#



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

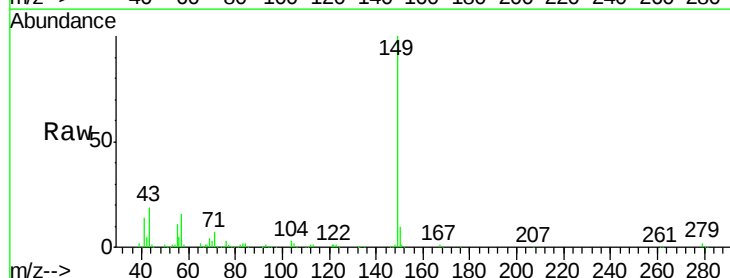
Tgt Ion:149 Resp: 404863

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

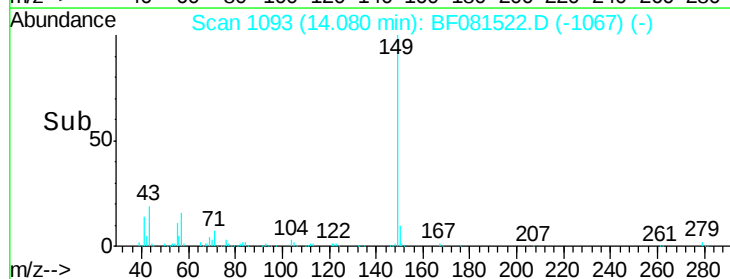
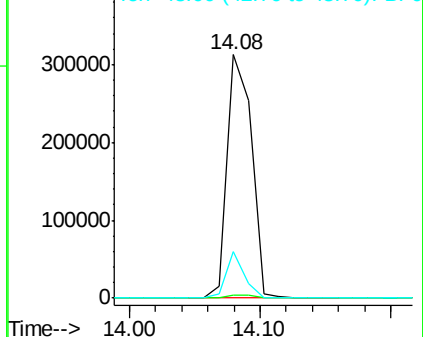
43 15.2 10.2 15.2

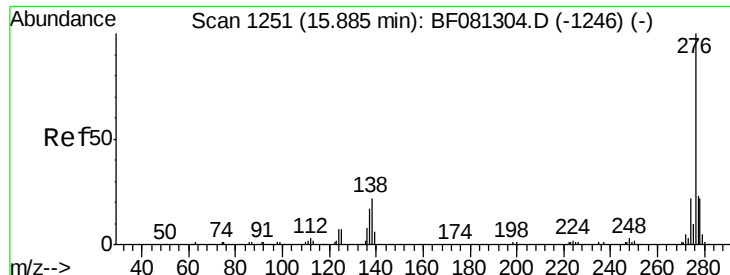


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

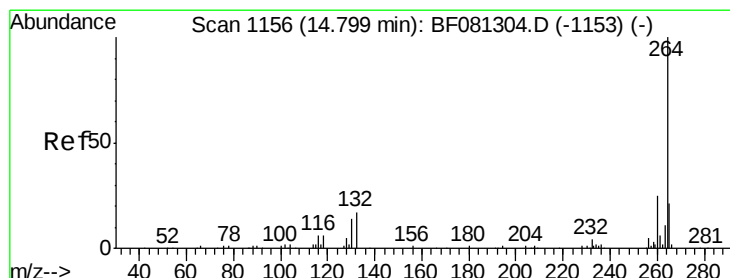
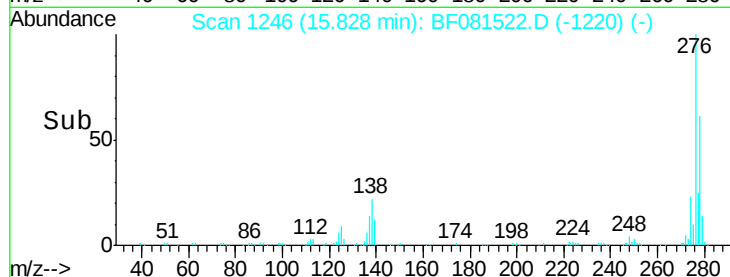
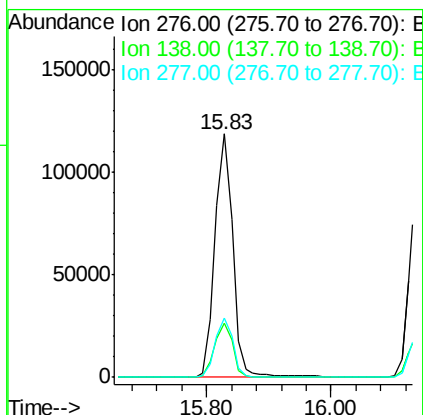
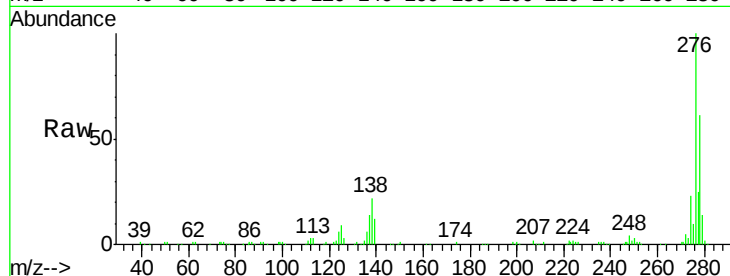




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.15 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081522.D
 Acq: 8 Sep 2015 15:00

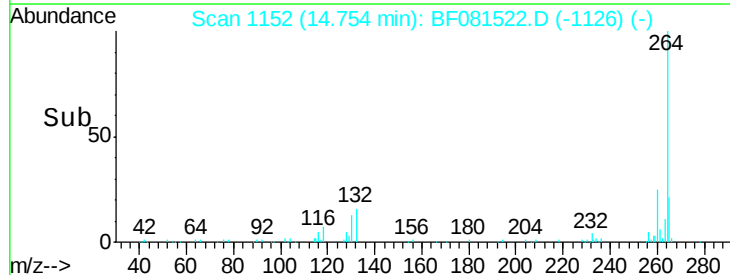
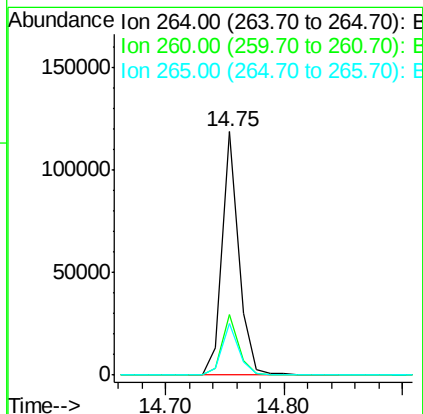
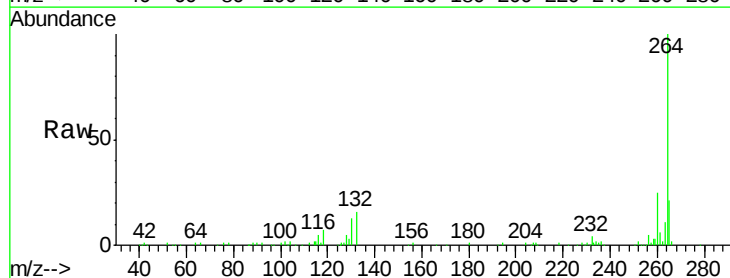
Instrument :
 BNA_F
 ClientSampleId :
 PB85436BS

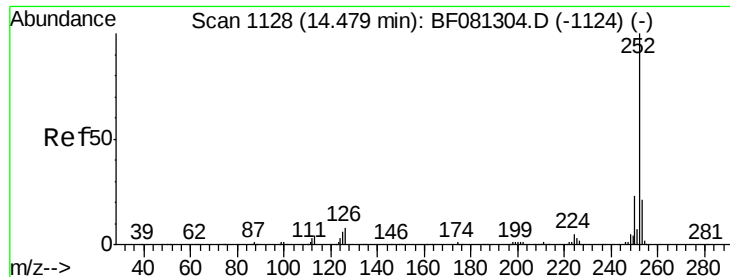
Tot Ion:276 Resp: 234718
 Ion Ratio Lower Upper
 276 100
 138 22.5 25.7 38.5#
 277 24.3 15.6 23.4#



#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 :

PB85436BS

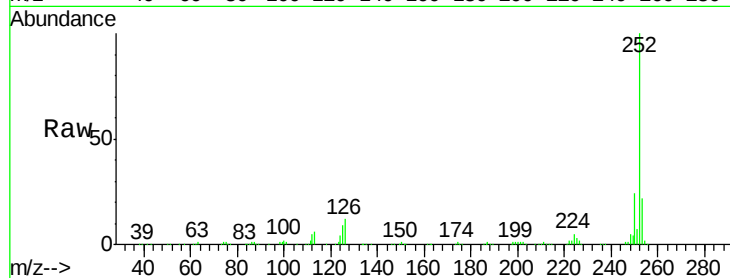
Tot Ion:252 Resp: 583230

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

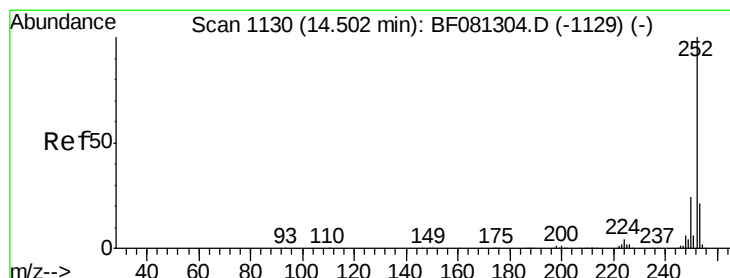
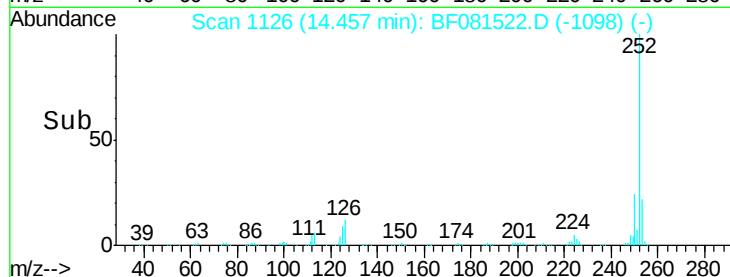
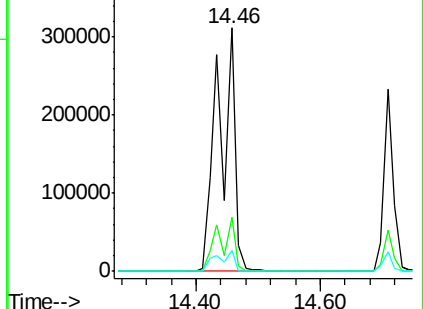
125 8.7 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 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

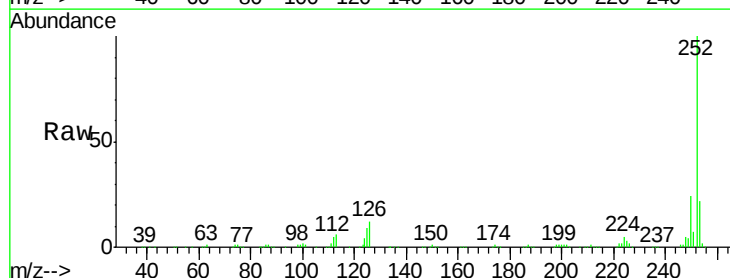
Tgt Ion:252 Resp: 583230

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.4

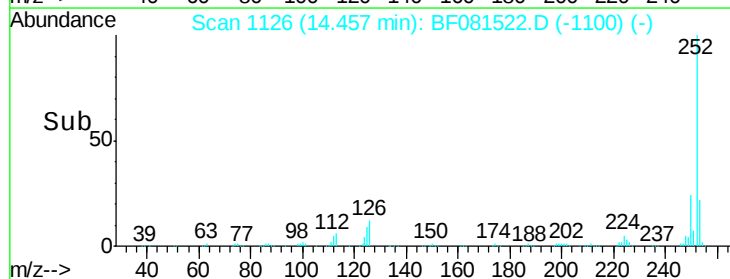
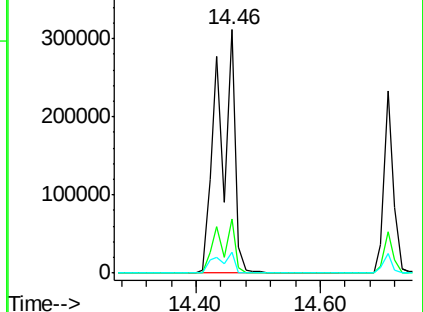
125 8.7 16.0 24.0#

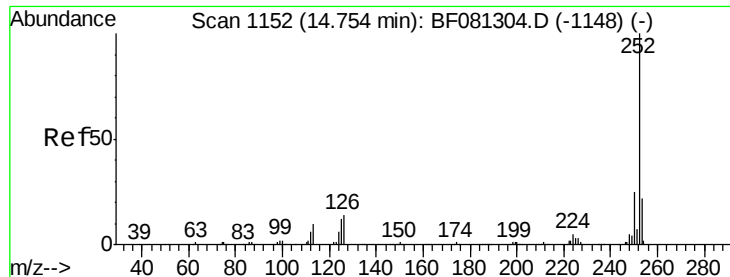


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 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 :

PB85436BS

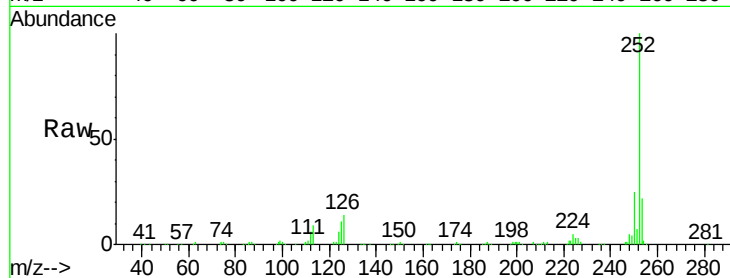
Tot Ion:252 Resp: 253396

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

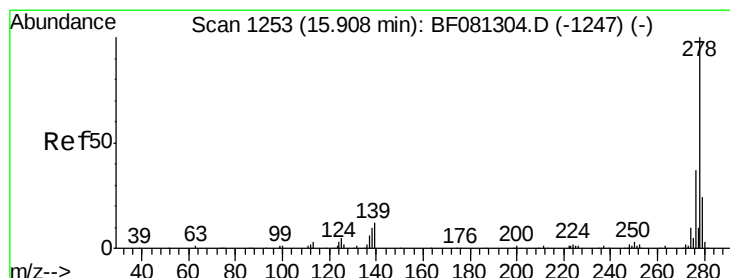
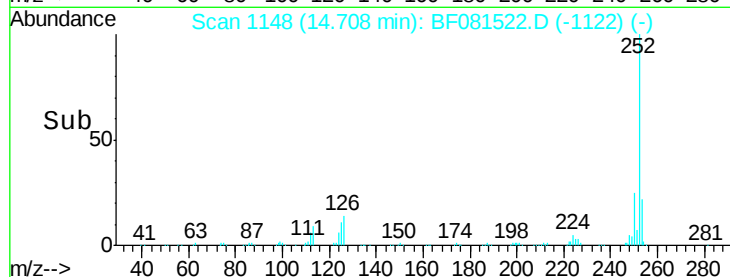
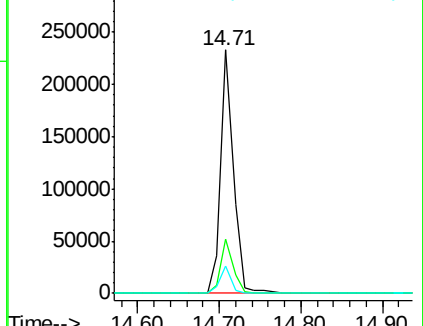
125 11.0 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.49 ng

RT: 15.84 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BF081522.D

Acq: 8 Sep 2015 15:00

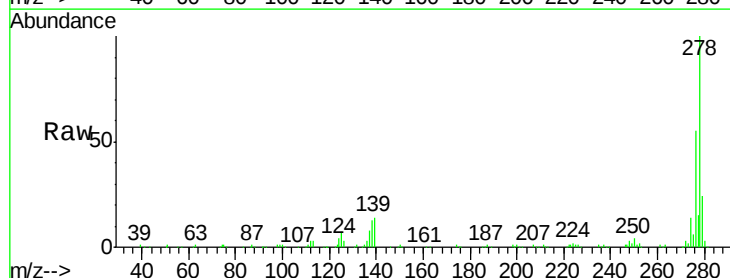
Tgt Ion:278 Resp: 195884

Ion Ratio Lower Upper

278 100

139 13.9 26.3 39.5#

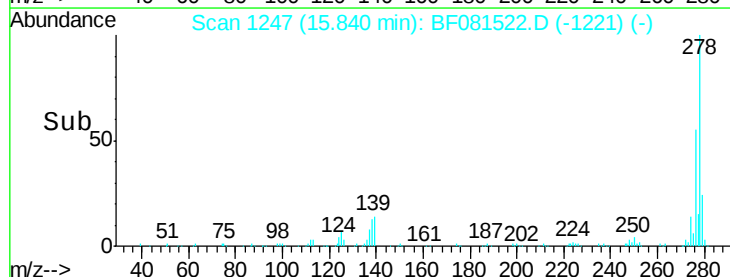
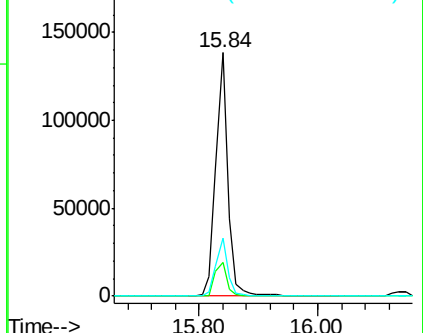
279 24.0 18.2 27.4

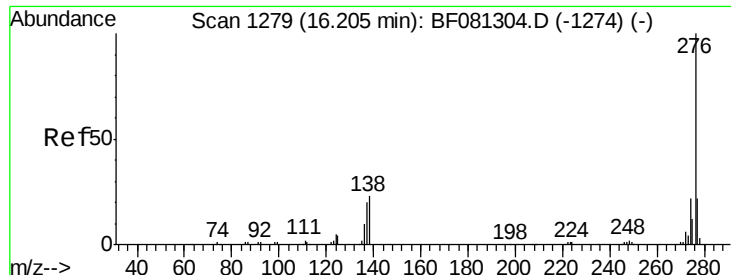


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 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 :

PB85436BS

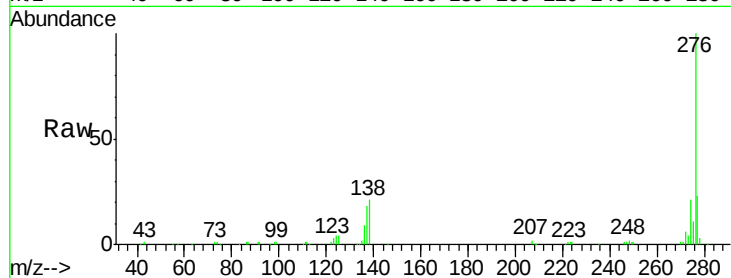
Tot Ion:276 Resp: 196099

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

