

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081524.D
 Acq On : 8 Sep 2015 16:02
 Operator : UM/IZ
 Sample : PB85437BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 08 18:24:54 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	49483	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	185703	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	92414	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	191504	20.00	ng	0.00
75) Chrysene-d12	13.45	240	170061	20.00	ng	0.00
86) Perylene-d12	14.75	264	110313	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	252066	79.03	ng	0.02
7) Phenol-d6	6.02	99	346337	82.04	ng	0.00
23) Nitrobenzene-d5	6.92	82	291908	75.84	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	61788	75.09	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	501086	69.48	ng	0.00
78) Terphenyl-d14	12.42	244	520402	71.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.74	88	42544	29.70	ng	# 84
3) Pyridine	2.27	79	129546	32.80	ng	# 84
4) n-Nitrosodimethylamine	2.24	42	88505	40.34	ng	# 63
6) Aniline	6.01	93	154057	25.84	ng	# 79
8) 2-Chlorophenol	6.14	128	132796	37.79	ng	# 96
9) Benzaldehyde	5.88	77	75394	28.50	ng	# 84
10) Phenol	6.03	94	203134	41.49	ng	# 59
11) bis(2-Chloroethyl)ether	6.10	93	142575	40.36	ng	# 94
12) 1,3-Dichlorobenzene	6.28	146	136436	36.33	ng	# 93
13) 1,4-Dichlorobenzene	6.36	146	147436	38.56	ng	# 91
14) 1,2-Dichlorobenzene	6.36	146	147436	42.83	ng	# 93
15) Benzyl Alcohol	6.51	79	126110	36.41	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.65	45	271867	40.15	ng	# 8
17) 2-Methylphenol	6.65	107	109266	38.96	ng	# 75
18) Hexachloroethane	6.86	117	57070	38.37	ng	# 89
19) n-Nitroso-di-n-propylamine	6.79	70	101235	35.23	ng	# 90
20) 3+4-Methylphenols	6.81	107	145196	38.40	ng	# 88
22) Acetophenone	6.78	105	195742	38.59	ng	# 76
24) Nitrobenzene	6.95	77	171084	42.80	ng	# 67
25) Isophorone	7.19	82	275956	38.55	ng	# 82
26) 2-Nitrophenol	7.27	139	71867	41.25	ng	# 59
27) 2,4-Dimethylphenol	7.32	122	113887	37.85	ng	# 72
28) bis(2-Chloroethoxy)methane	7.42	93	160169	38.73	ng	# 91
29) 2,4-Dichlorophenol	7.52	162	104402	40.01	ng	# 99
30) 1,2,4-Trichlorobenzene	7.59	180	115131	40.62	ng	# 97
31) Naphthalene	7.66	128	363617	36.71	ng	# 97
32) Benzoic acid	7.48	122	54412	26.53	ng	# 67
33) 4-Chloroaniline	7.72	127	84625	20.95	ng	# 83
34) Hexachlorobutadiene	7.78	225	68035	39.44	ng	# 96
35) Caprolactam	8.10	113	18061	22.57	ng	# 7
36) 4-Chloro-3-methylphenol	8.24	107	135858	46.52	ng	# 82
37) 2-Methylnaphthalene	8.35	142	264209	40.99	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	102062	34.92	ng	# 99
40) Hexachlorocyclopentadiene	8.50	237	103568	72.21	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	73527	36.45	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	80750	39.24	nq	# 89
45) 1,1'-Biphenyl	8.82	154	294797	34.67	nq	96
46) 2-Chloronaphthalene	8.83	162	237352	38.66	nq	# 90
47) 2-Nitroaniline	8.95	65	99600	39.80	nq	# 80
48) Acenaphthylene	9.24	152	385160	35.36	nq	97
49) Dimethylphthalate	9.13	163	267132	37.20	nq	# 97
50) 2,6-Dinitrotoluene	9.19	165	51193	31.41	nq	# 2
51) Acenaphthene	9.42	154	216000	34.86	nq	90
52) 3-Nitroaniline	9.35	138	41018	22.11	nq	# 28
53) 2,4-Dinitrophenol	9.47	184	55899	81.44	nq	# 70
54) Dibenzofuran	9.59	168	350841	38.78	nq	# 91
55) 4-Nitrophenol	9.55	139	99258	85.16	nq	# 22
56) 2,4-Dinitrotoluene	9.59	165	71165	34.30	nq	# 9
57) Fluorene	9.92	166	261306	38.06	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	70253	44.72	nq	97
59) Diethylphthalate	9.83	149	295395	39.11	nq	95
60) 4-Chlorophenyl-phenylether	9.93	204	121138	37.85	nq	93
61) 4-Nitroaniline	9.96	138	67206	35.86	nq	# 25
62) Azobenzene	10.08	77	321224	38.25	nq	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	40867	38.15	nq	84
65) n-Nitrosodiphenylamine	10.04	169	222500	31.93	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	75844	39.17	nq	# 91
67) Hexachlorobenzene	10.47	284	72213	35.67	nq	# 75
68) Atrazine	10.59	200	74949	37.17	nq	83
69) Pentachlorophenol	10.66	266	72212	74.00	nq	97
70) Phenanthrene	10.87	178	419858	39.44	nq	97
71) Anthracene	10.91	178	370087	33.83	nq	97
72) Carbazole	11.08	167	415311	40.46	nq	96
73) Di-n-butylphthalate	11.44	149	507112	41.84	nq	# 99
74) Fluoranthene	12.03	202	418340	36.30	nq	91
76) Benzidine	12.18	184	232071	31.79	nq	98
77) Pyrene	12.26	202	490902	38.97	nq	98
79) Butylbenzylphthalate	12.91	149	209986	38.33	nq	93
80) Benzo(a)anthracene	13.44	228	394362	36.41	nq	97
81) 3,3'-Dichlorobenzidine	13.42	252	62769	17.18	nq	# 96
82) Chrysene	13.47	228	289975	29.87	nq	94
83) Bis(2-ethylhexyl)phthalate	13.47	149	263142	36.40	nq	# 88
84) Di-n-octyl phthalate	14.08	149	393090	33.02	nq	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	227850	31.99	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	599094	76.07	nq	# 85
88) Benzo(k)fluoranthene	14.46	252	599094	91.68	nq	# 86
89) Benzo(a)pyrene	14.71	252	249074	37.32	nq	# 87
90) Dibenzo(a,h)anthracene	15.84	278	197679	38.33	nq	# 77
91) Benzo(g,h,i)perylene	16.14	276	187405	38.08	nq	# 76

(#) = 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: BF081524.D

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Instrument :

BNA_F

ClientSampleId :

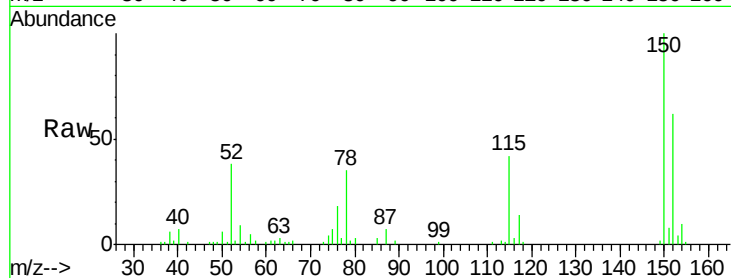
Tot Ion:152 Resp: 49483

Ion Ratio Lower Upper

152 100

150 162.4 124.7 187.1

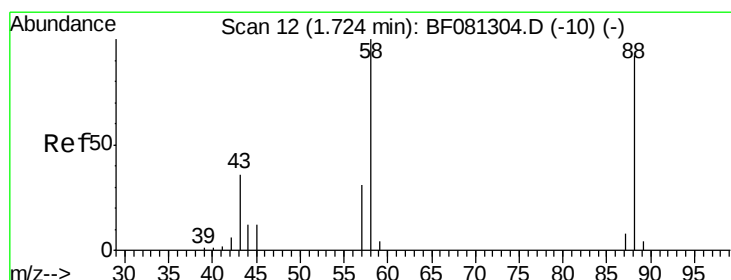
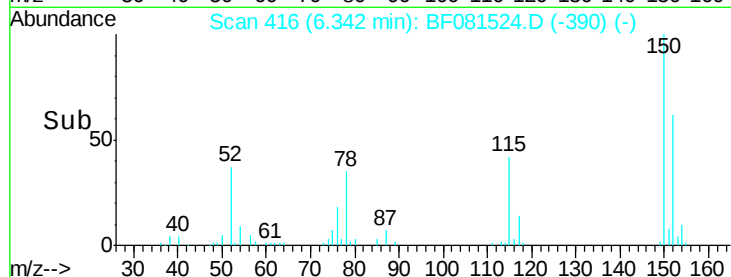
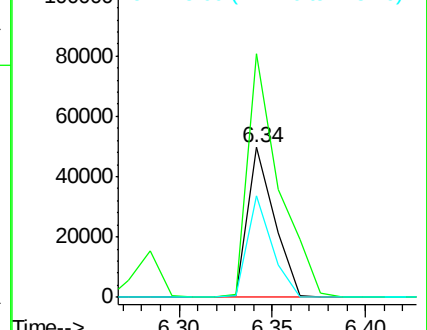
115 68.0 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.70 ng

RT: 1.74 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

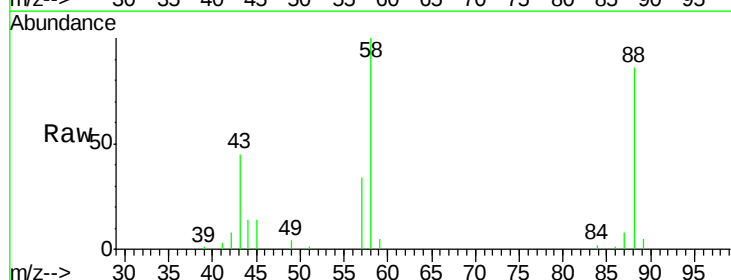
Tgt Ion: 88 Resp: 42544

Ion Ratio Lower Upper

88 100

58 108.4 77.7 116.5

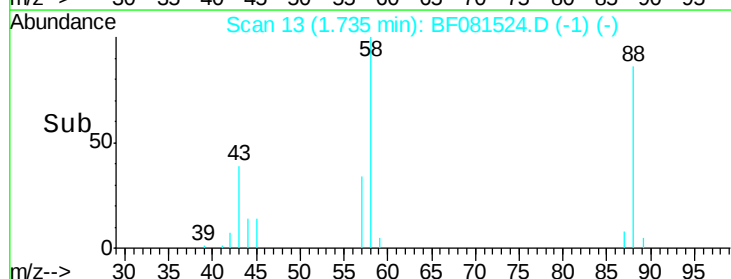
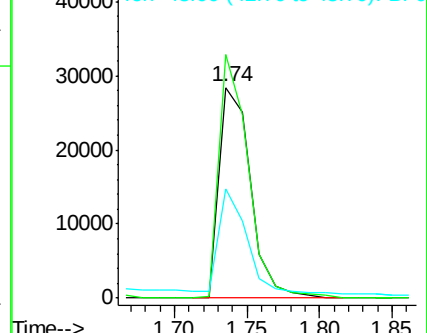
43 49.5 26.6 40.0#

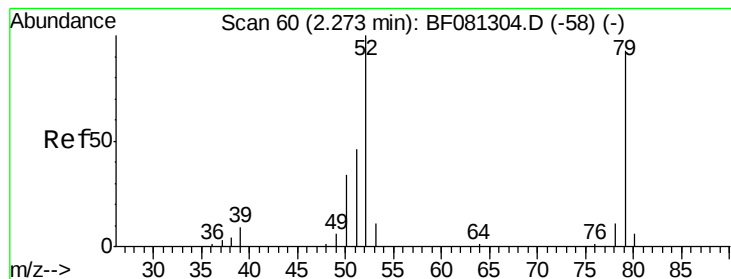


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.80 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

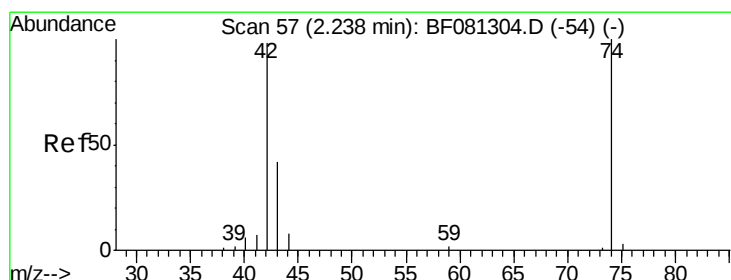
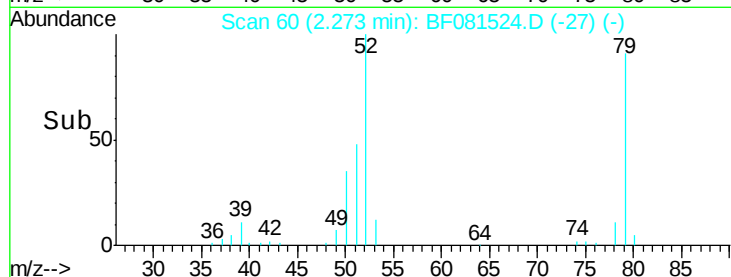
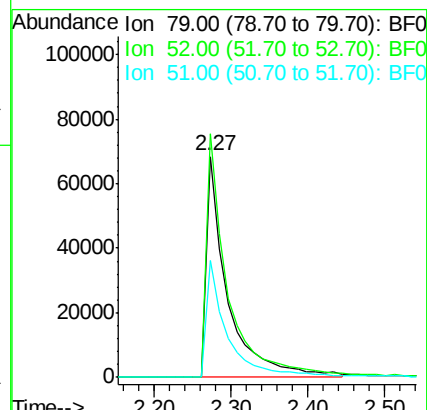
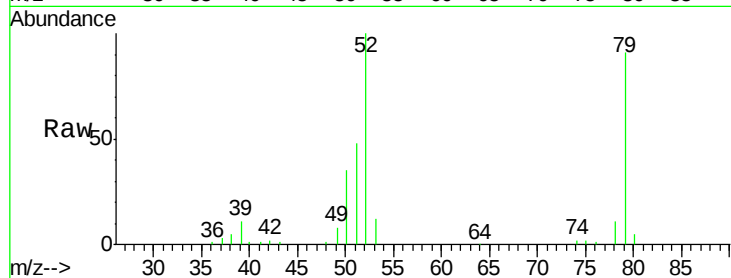
Tot Ion: 79 Resp: 129546

Ion Ratio Lower Upper

79 100

52 110.4 76.8 115.2

51 53.0 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 40.34 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

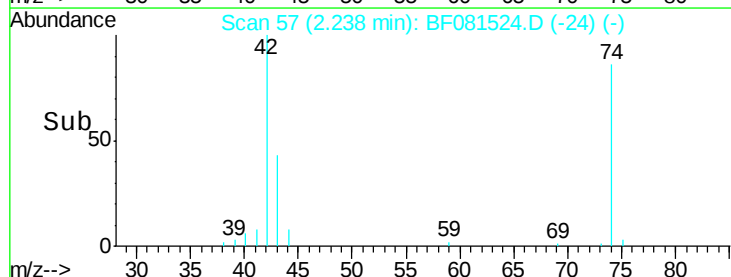
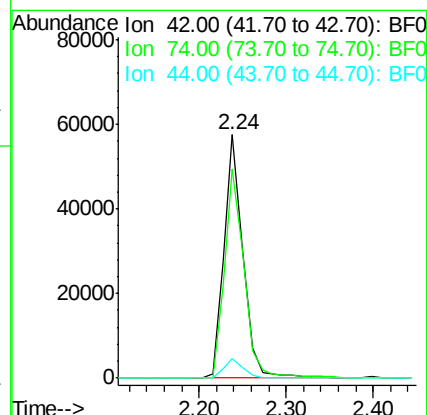
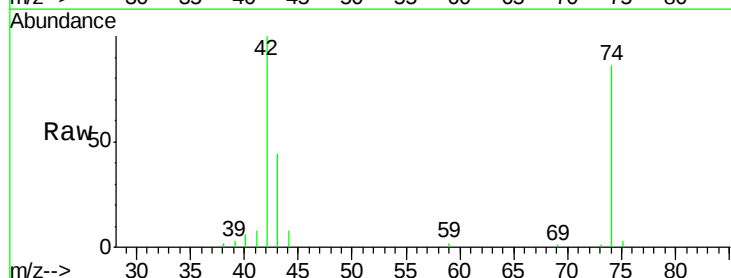
Tgt Ion: 42 Resp: 88505

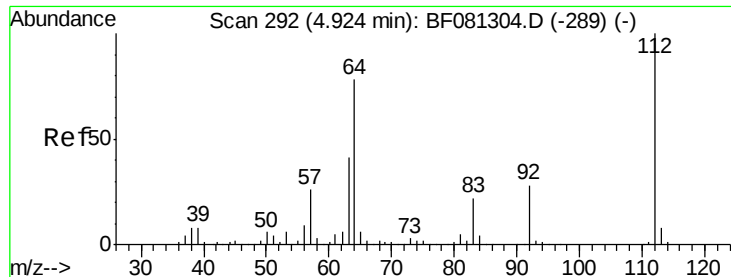
Ion Ratio Lower Upper

42 100

74 85.8 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 79.03 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

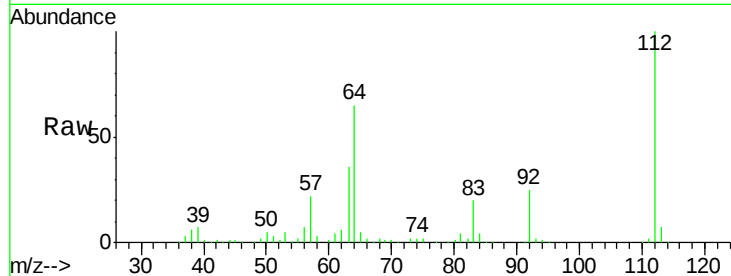
Tot Ion:112 Resp: 252066

Ion Ratio Lower Upper

112 100

64 64.6 39.7 59.5#

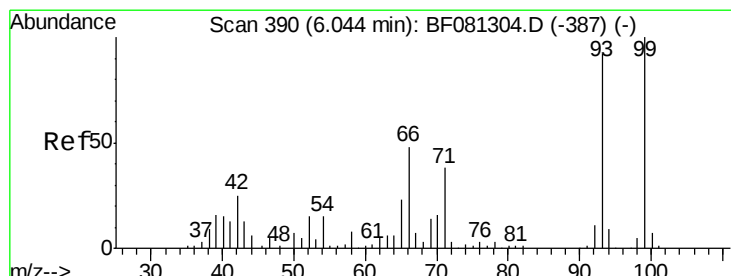
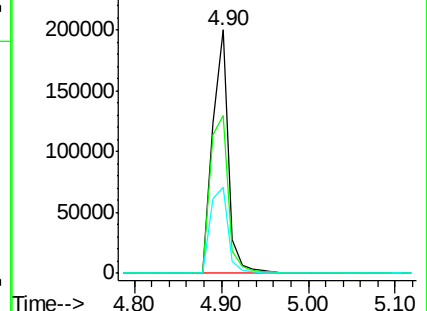
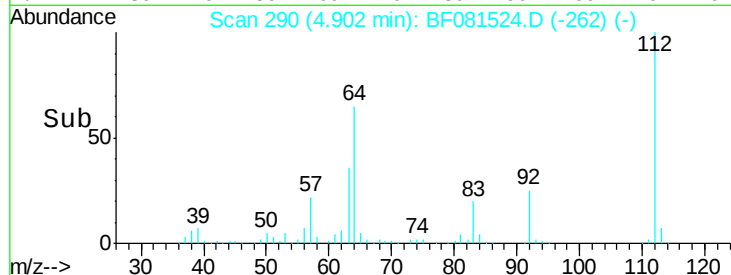
63 35.5 17.4 26.0#



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: 25.84 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

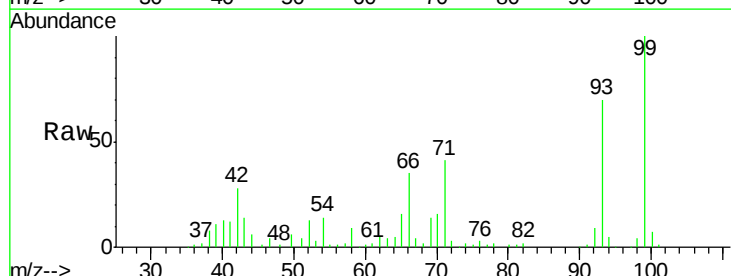
Tgt Ion: 93 Resp: 154057

Ion Ratio Lower Upper

93 100

66 49.9 27.2 40.8#

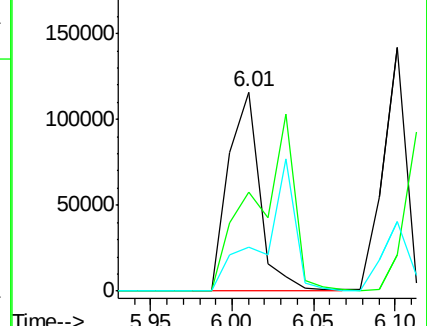
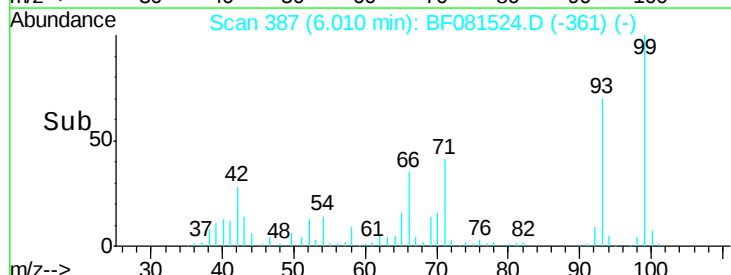
65 22.3 14.7 22.1#

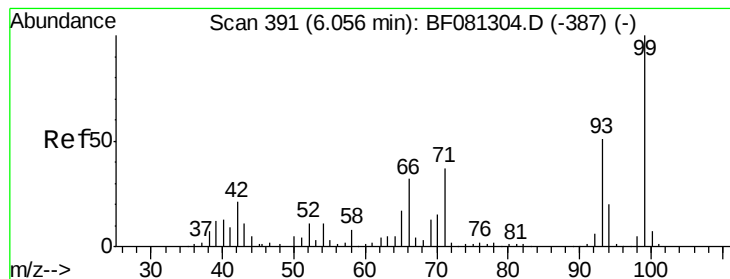


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.04 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

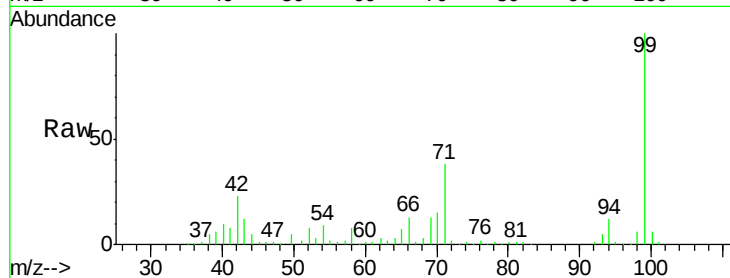
Tot Ion: 99 Resp: 346337

Ion Ratio Lower Upper

99 100

42 22.5 13.7 20.5#

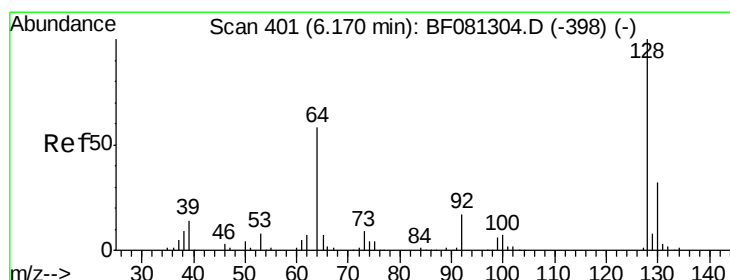
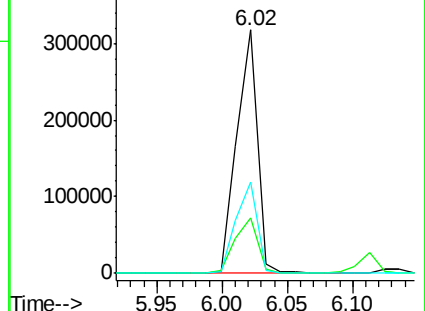
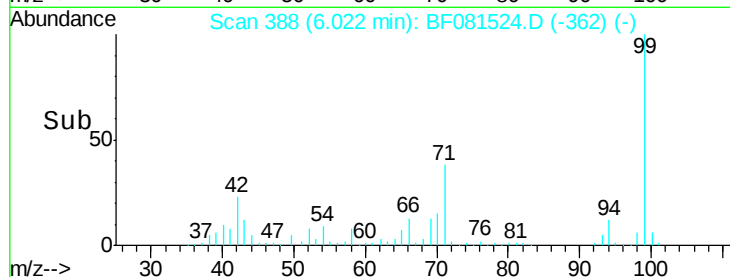
71 37.6 14.2 21.2#



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: 37.79 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

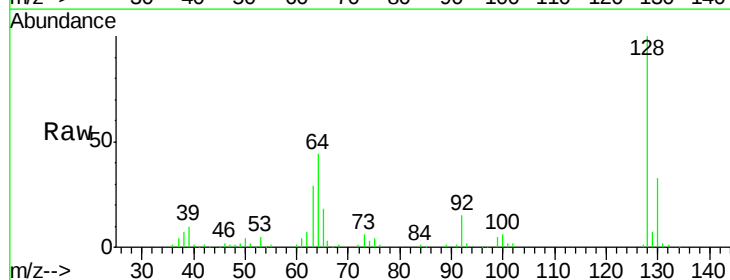
Tgt Ion:128 Resp: 132796

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

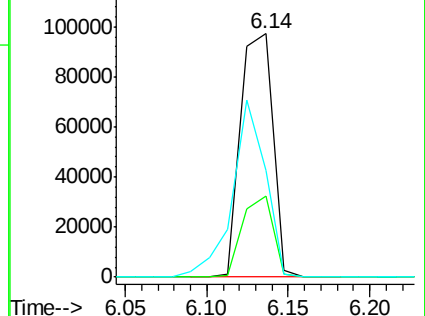
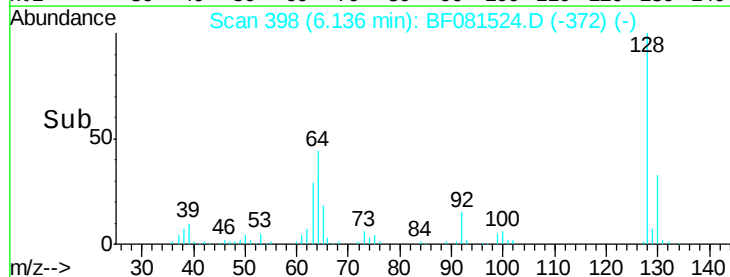
64 43.6 20.5 60.5

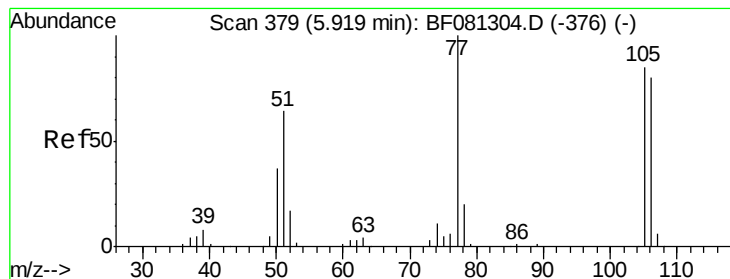


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.50 ng

RT: 5.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

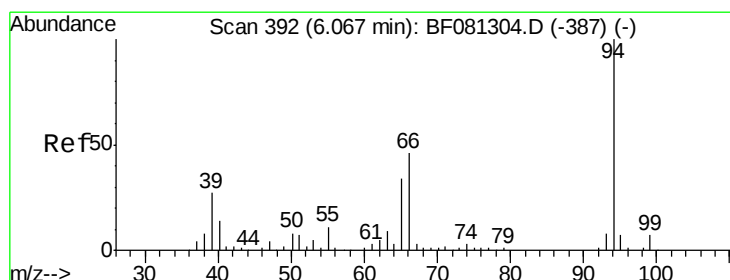
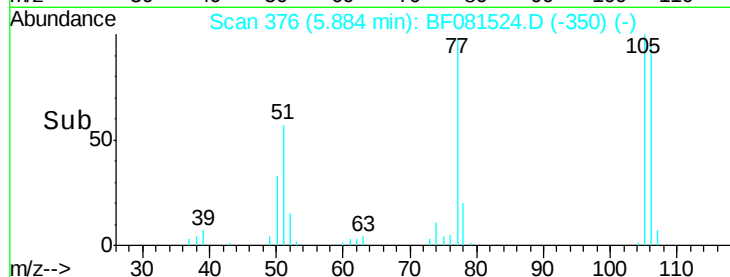
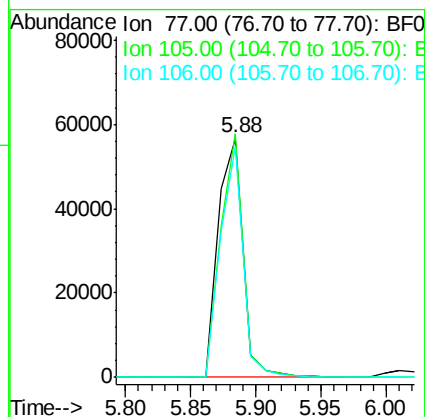
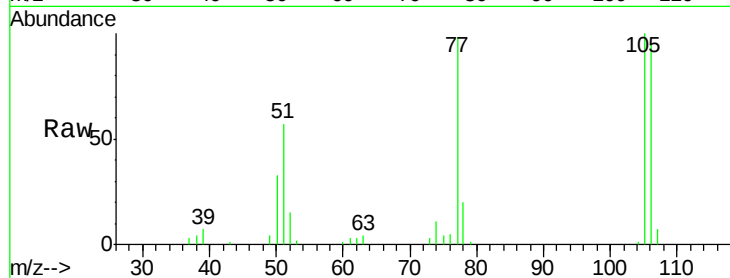
Tot Ion: 77 Resp: 75394

Ion Ratio Lower Upper

77 100

105 102.0 91.6 131.6

106 96.7 102.6 142.6#



#10

Phenol

Concen: 41.49 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

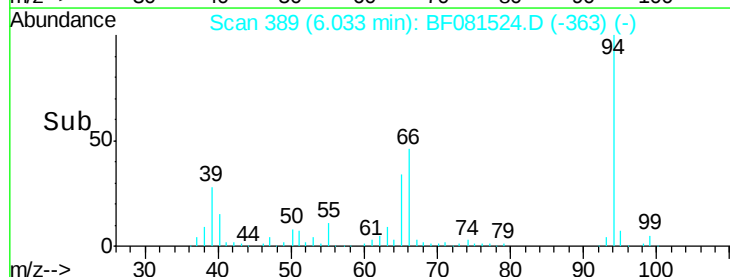
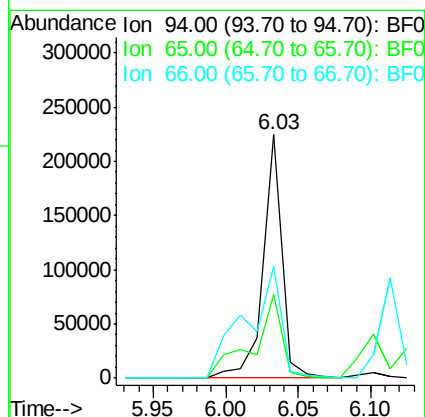
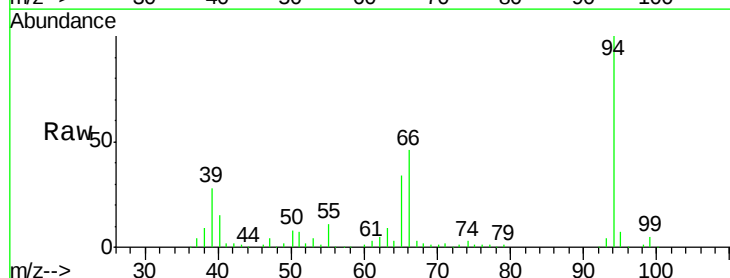
Tgt Ion: 94 Resp: 203134

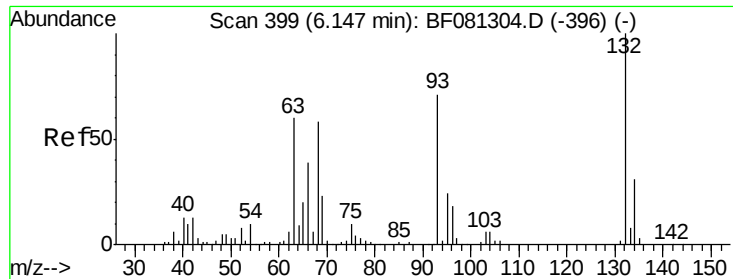
Ion Ratio Lower Upper

94 100

65 34.2 0.7 40.7

66 45.8 0.8 40.8#

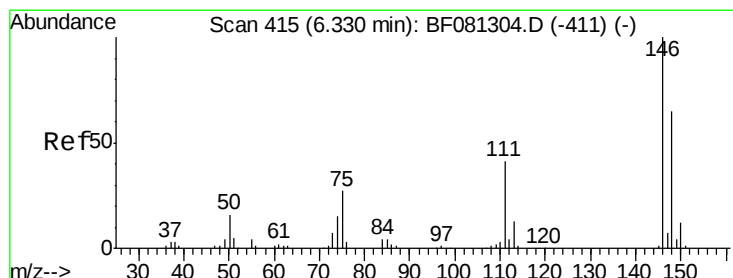
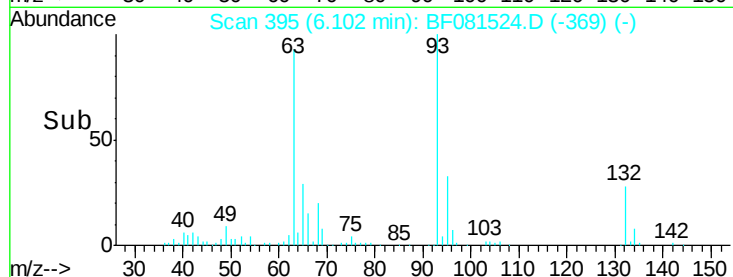
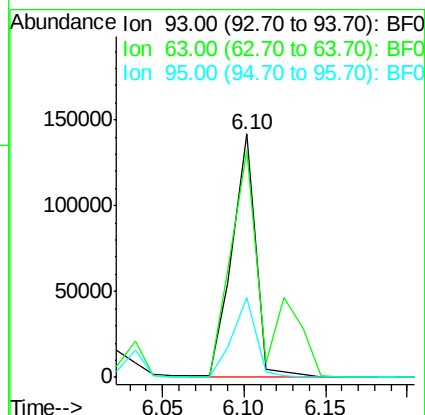
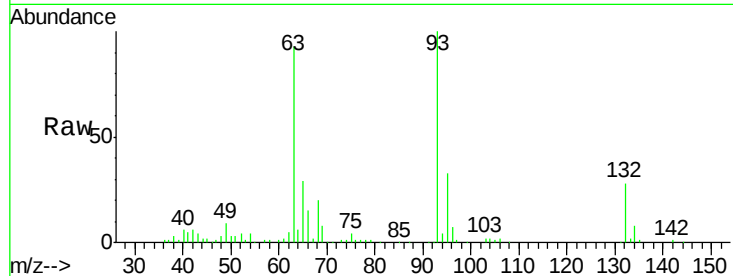




#11
bis(2-Chloroethyl)ether
Concen: 40.36 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

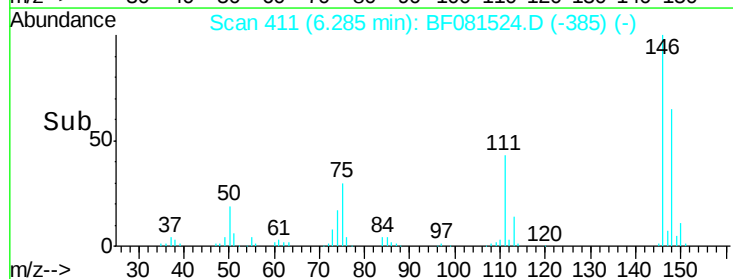
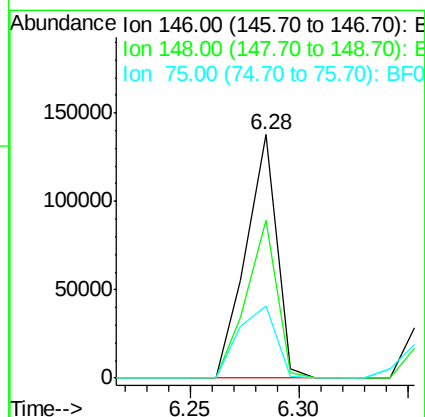
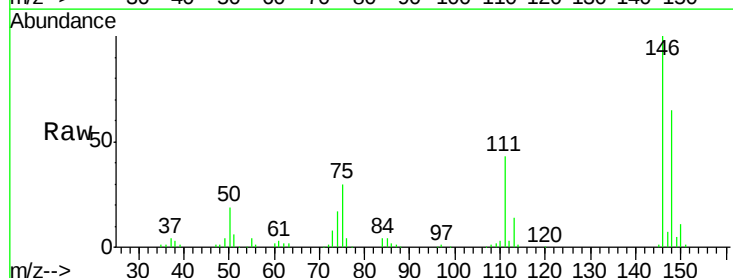
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 142575
Ion Ratio Lower Upper
93 100
63 93.0 65.6 105.6
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.33 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion: 146 Resp: 136436
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 29.9 15.0 22.6#

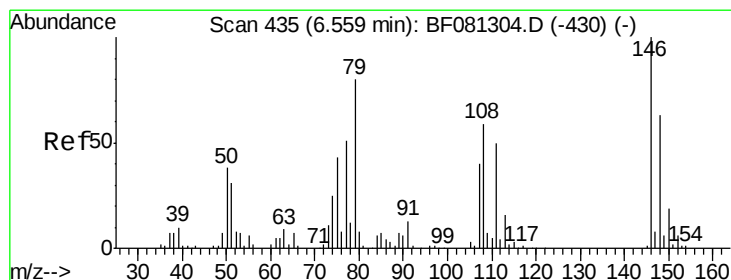
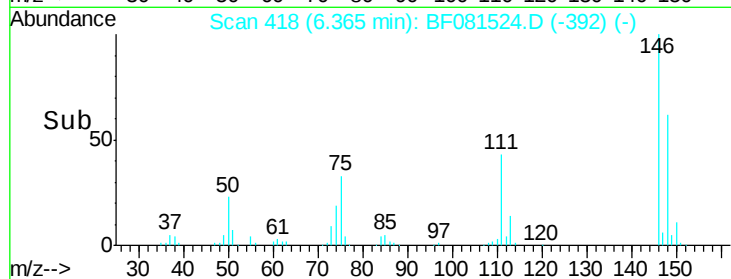
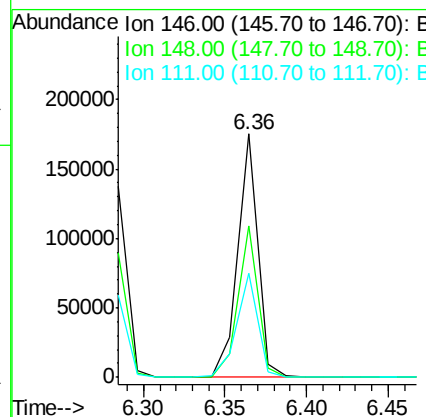
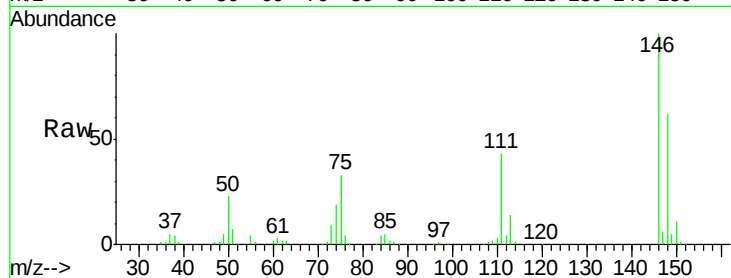




#13
 1,4-Dichlorobenzene
 Concen: 38.56 ng
 RT: 6.36 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

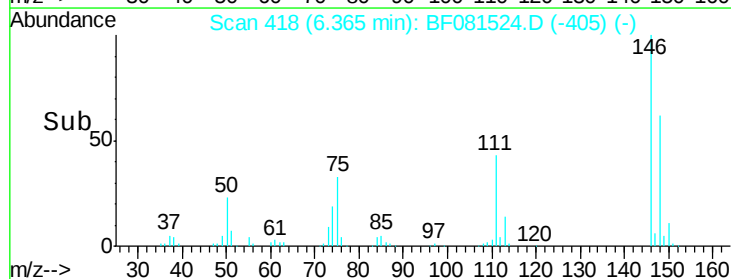
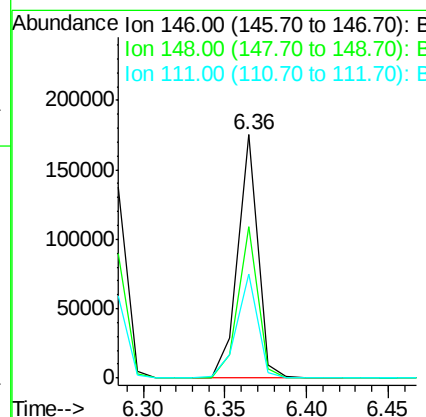
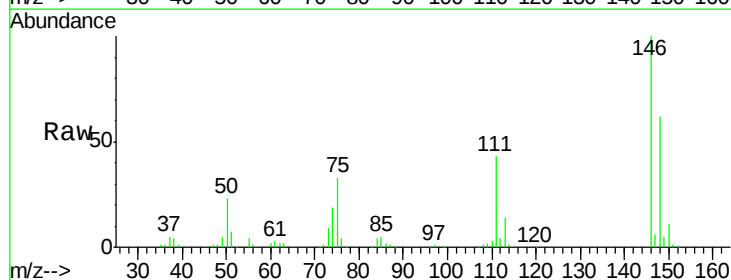
Instrument :
 BNA_F
 ClientSampled :

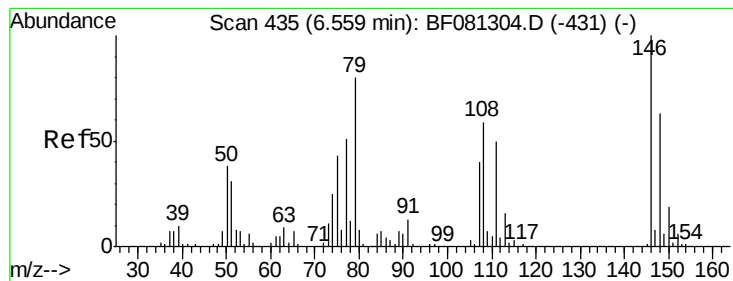
Tot Ion:146 Resp: 147436
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.8 77.6
 111 43.0 24.9 37.3#



#14
 1,2-Dichlorobenzene
 Concen: 42.83 ng
 RT: 6.36 min Scan# 418
 Delta R.T. -0.15 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:146 Resp: 147436
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.7 79.1
 111 43.0 28.8 43.2





#15

Benzyl Alcohol

Concen: 36.41 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

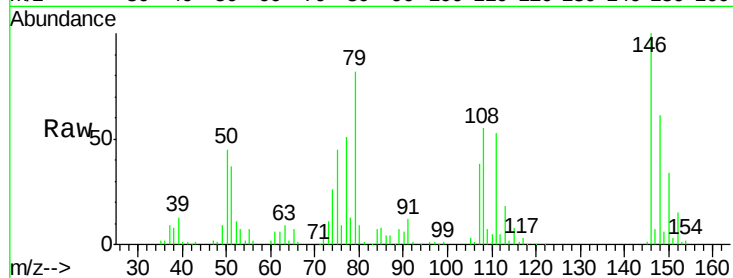
Tot Ion: 79 Resp: 126110

Ion Ratio Lower Upper

79 100

108 66.4 88.6 132.8#

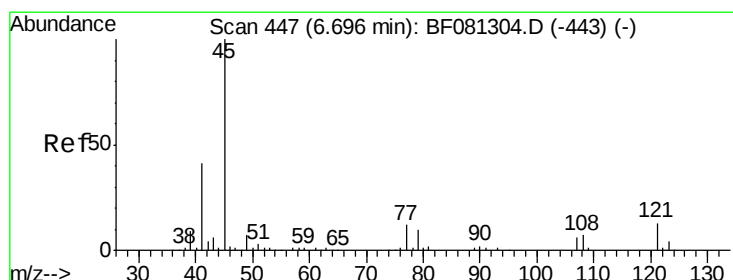
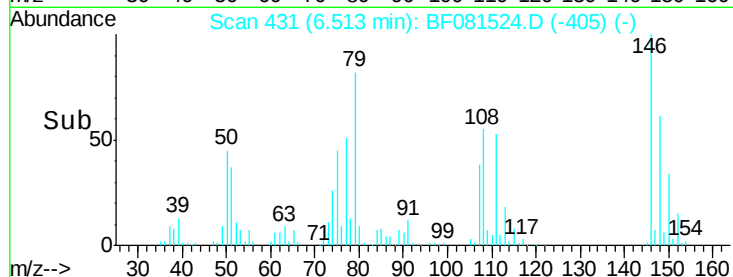
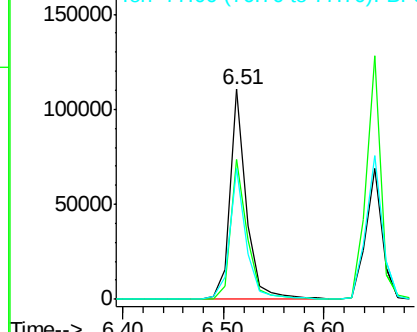
77 62.3 47.0 70.4



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: 40.15 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

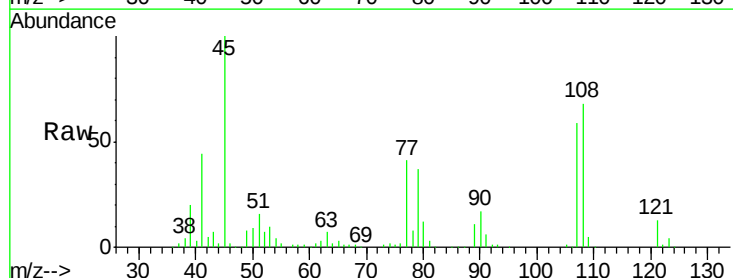
Tgt Ion: 45 Resp: 271867

Ion Ratio Lower Upper

45 100

77 40.5 0.0 28.1#

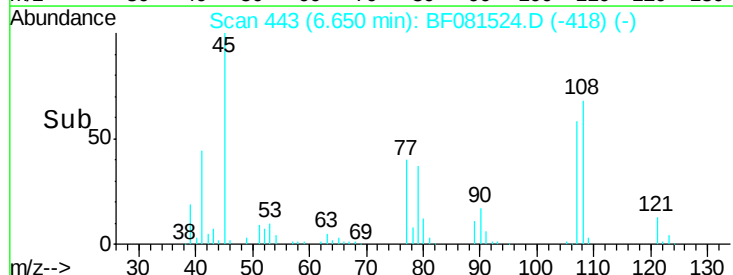
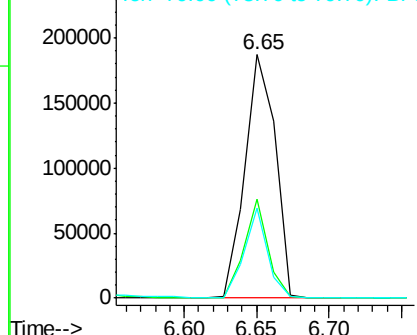
79 37.0 0.0 26.0#

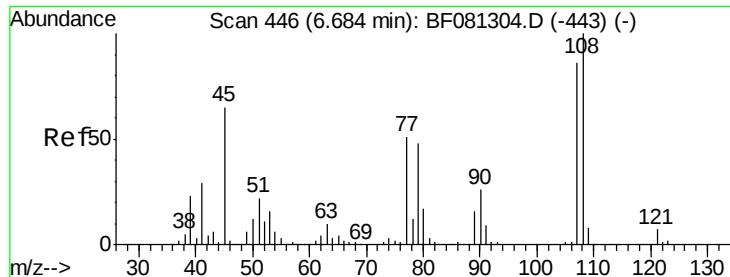


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.96 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 109266

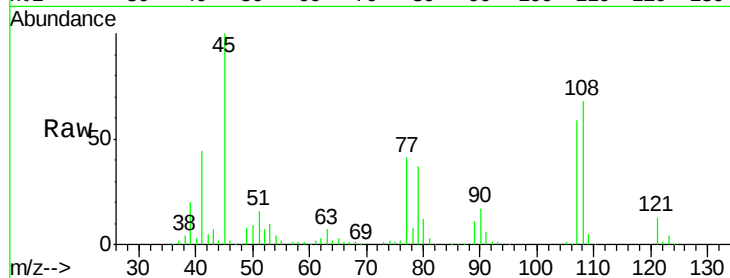
Ion Ratio Lower Upper

107 100

108 116.8 96.6 145.0

77 69.2 23.3 34.9#

79 63.1 22.0 33.0#

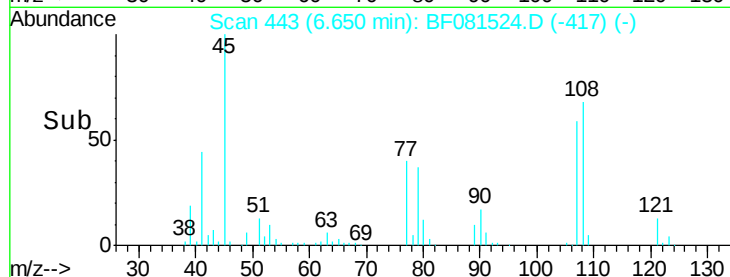


Abundance Ion 107.00 (106.70 to 107.70): E

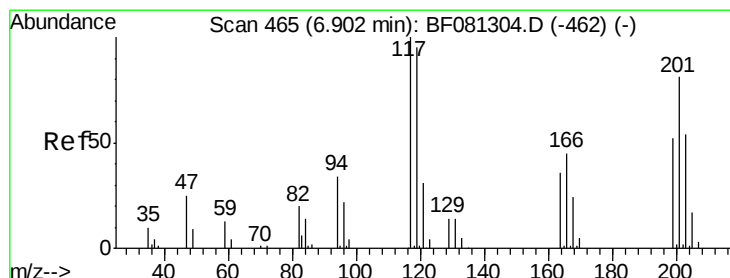
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.37 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

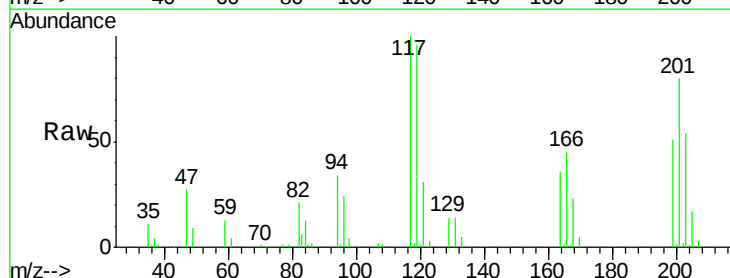
Tgt Ion:117 Resp: 57070

Ion Ratio Lower Upper

117 100

119 95.7 83.8 125.6

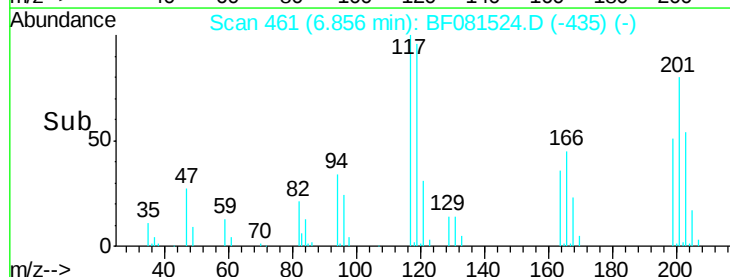
201 80.4 55.1 82.7



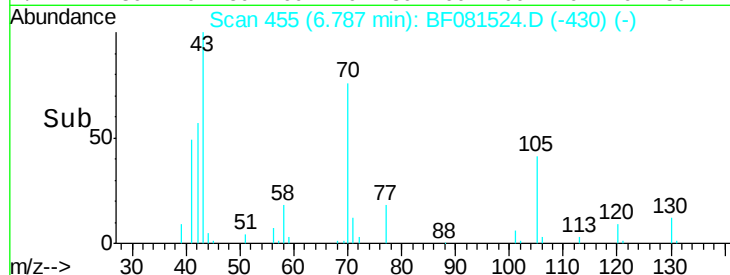
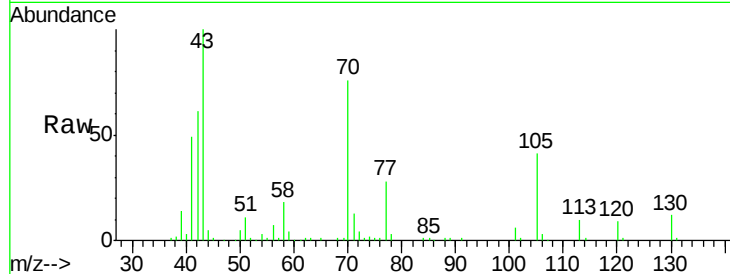
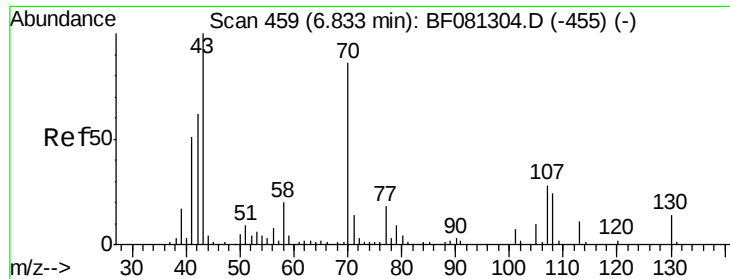
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



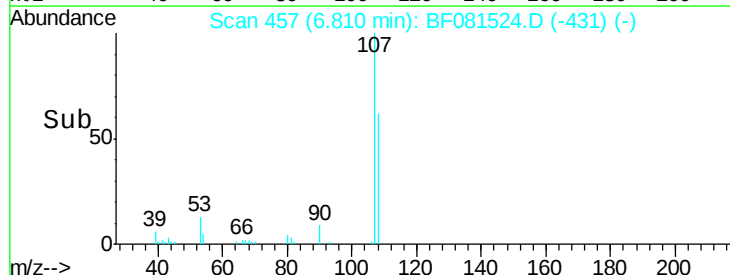
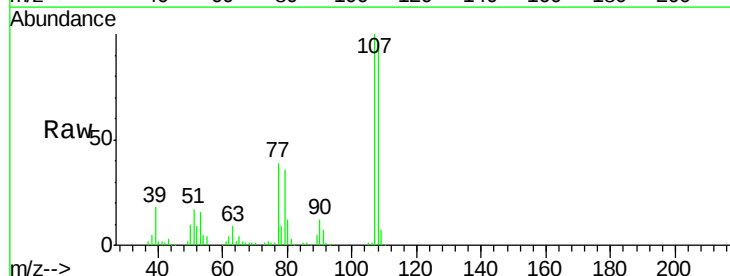
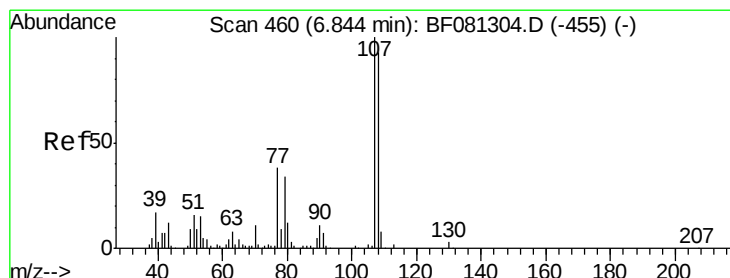
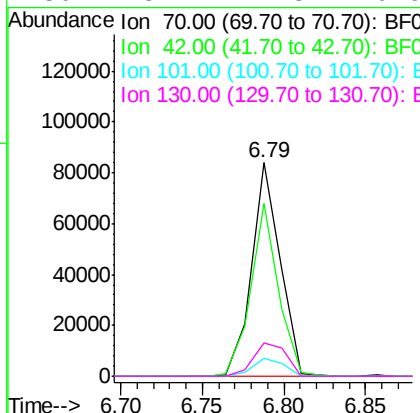
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

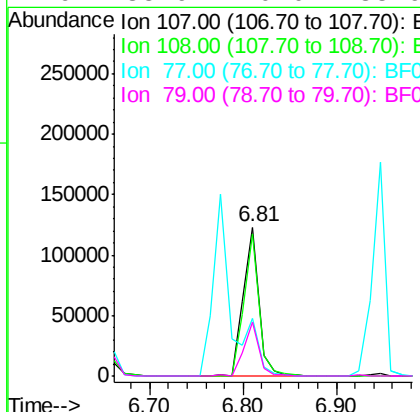
Instrument :
BNA_F
ClientSampleId :

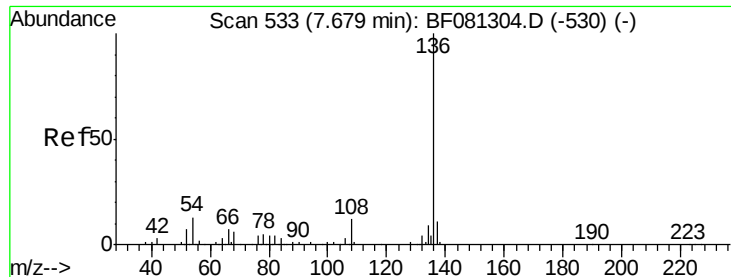
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	80.7	63.8	95.6	
101	8.2	9.2	13.8	
130	15.7	27.3	40.9	



#20
3+4-Methylphenols
Concen: 38.40 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.9	74.6	114.6	
77	39.1	0.7	40.7	
79	35.9	0.0	38.9	

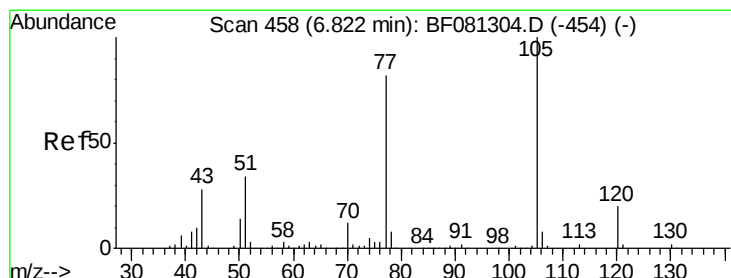
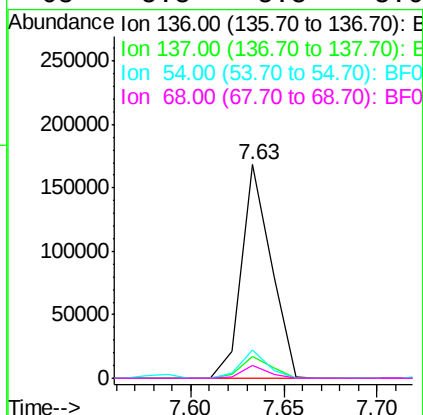
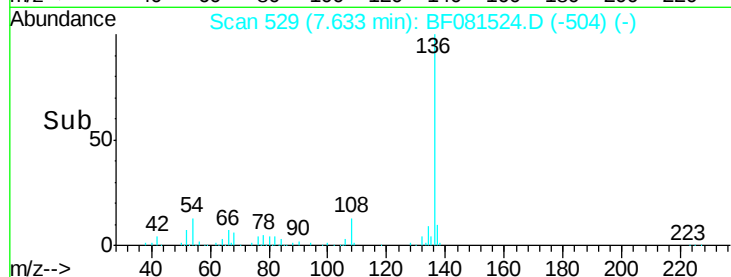
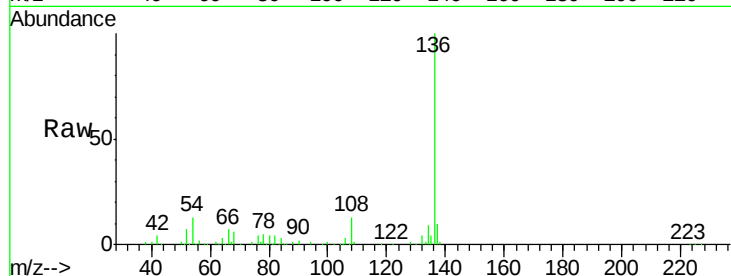




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

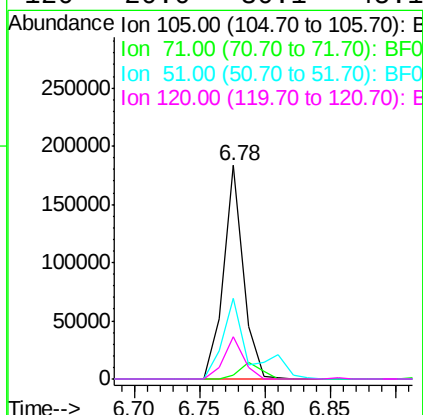
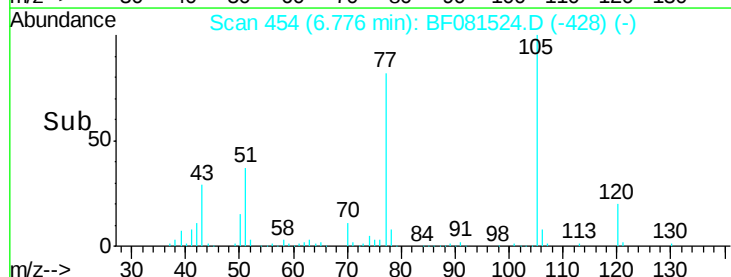
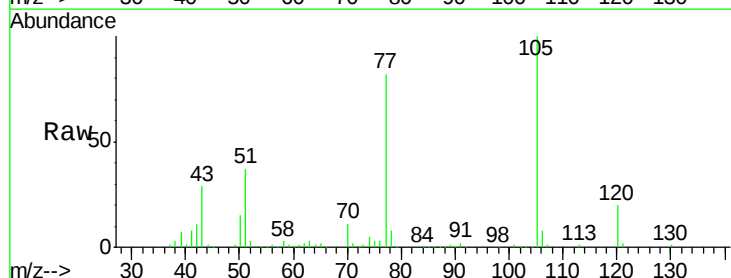
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	185703
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.0 13.6
54	13.5	8.2 12.2#
68	5.8	5.8 8.6



#22
Acetophenone
Concen: 38.59 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:105	Resp:	195742
Ion Ratio	Lower	Upper
105	100	
71	1.9	4.7 7.1#
51	37.5	22.0 33.0#
120	20.0	30.1 45.1#

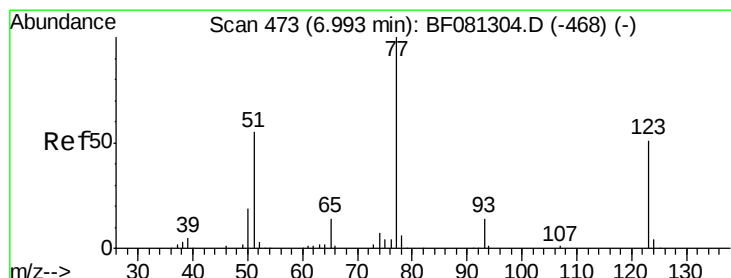
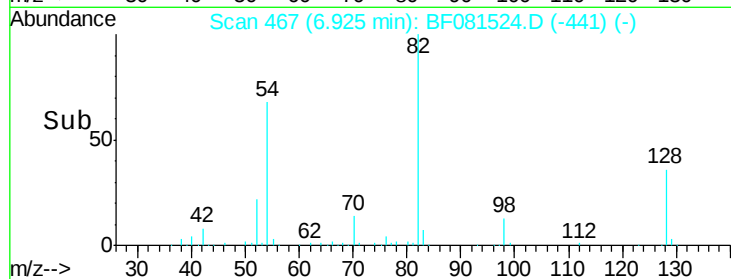
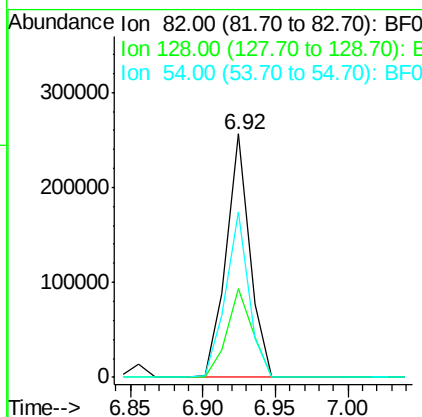
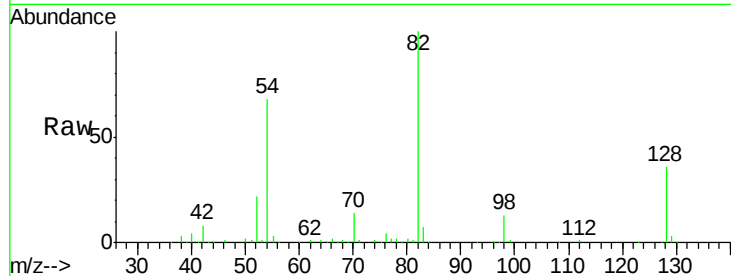




#23
 Nitrobenzene-d5
 Concen: 75.84 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

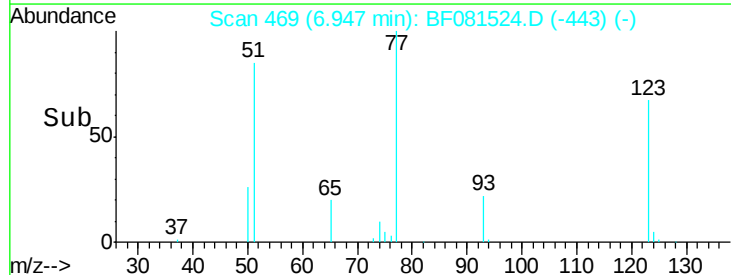
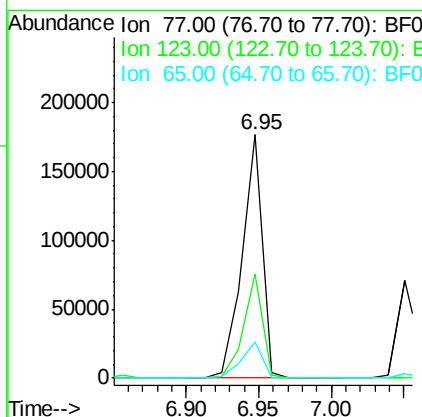
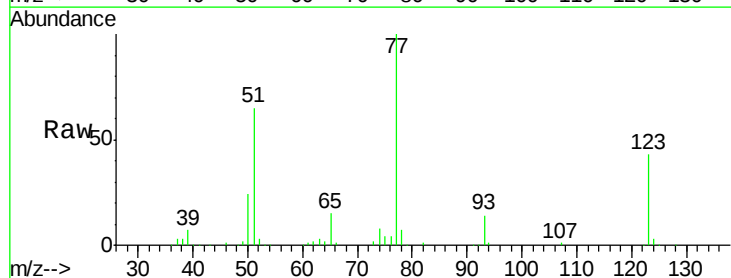
Instrument :
 BNA_F
 ClientSampleId :

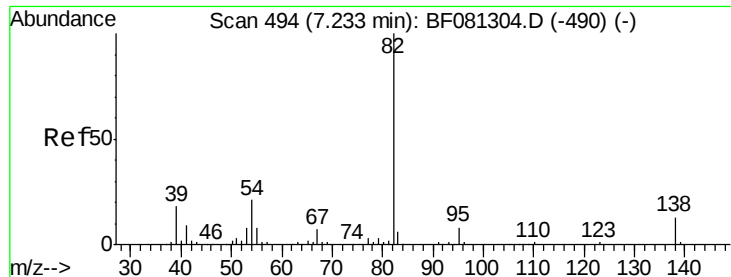
Tot Ion	82	Resp	291908
Ion Ratio	100	Lower	Upper
128	36.4	51.0	76.6#
54	67.9	47.5	71.3



#24
 Nitrobenzene
 Concen: 42.80 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	77	Resp	171084
Ion Ratio	100	Lower	Upper
123	42.9	59.8	89.8#
65	14.8	10.2	15.4





#25

Isophorone

Concen: 38.55 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

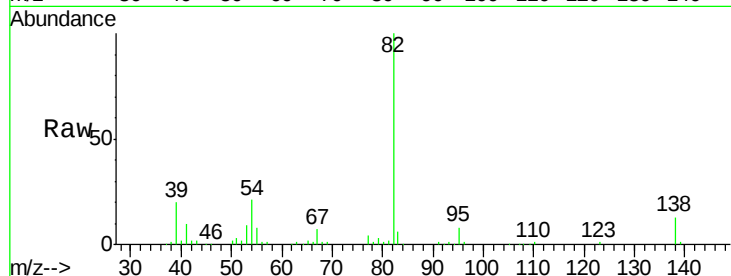
Tot Ion: 82 Resp: 275956

Ion Ratio Lower Upper

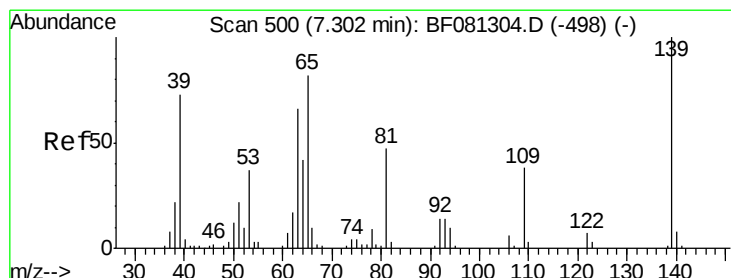
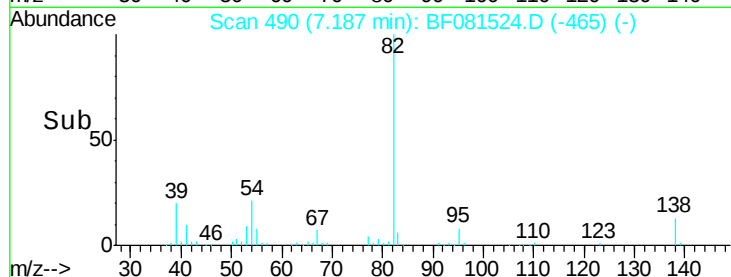
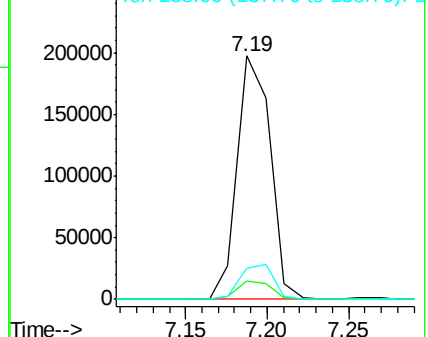
82 100

95 7.7 4.0 6.0#

138 13.0 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: 41.25 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

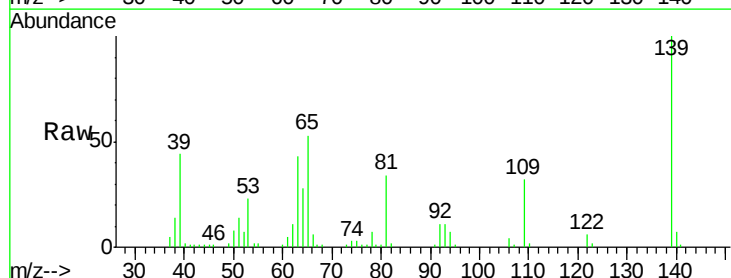
Tgt Ion: 139 Resp: 71867

Ion Ratio Lower Upper

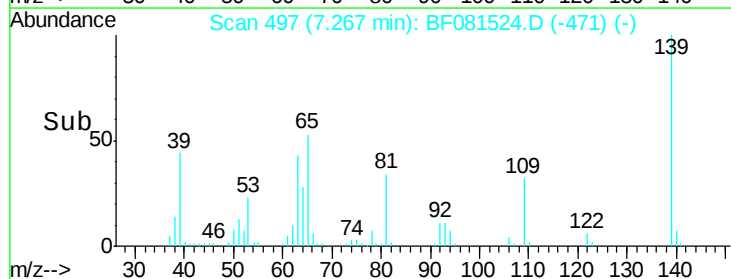
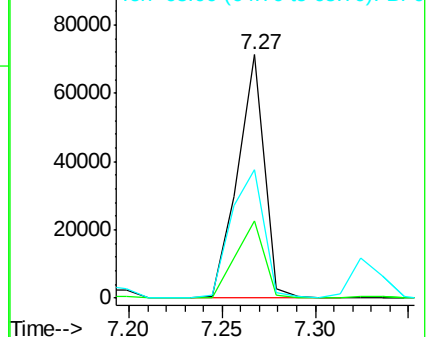
139 100

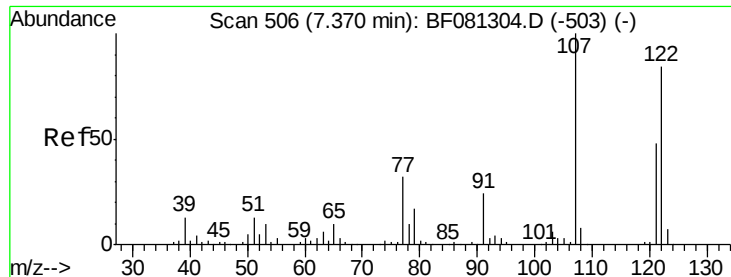
109 31.7 11.0 16.4#

65 52.6 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: 37.85 ng

RT: 7.32 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

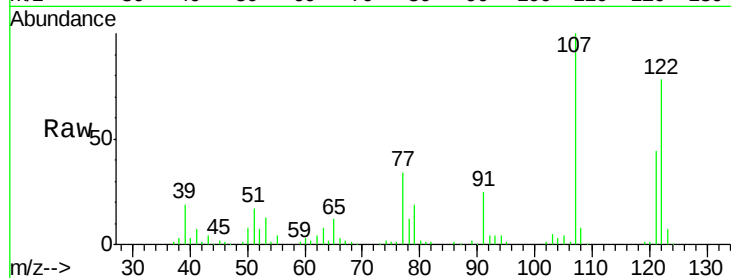
Tot Ion:122 Resp: 113887

Ion Ratio Lower Upper

122 100

107 128.7 71.8 107.6#

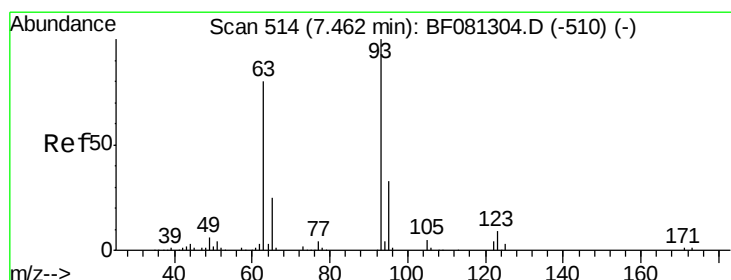
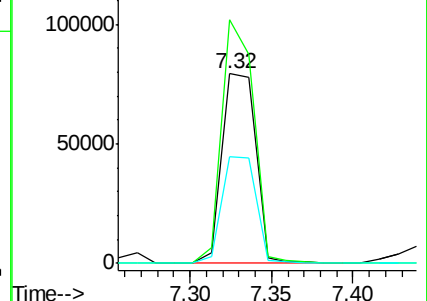
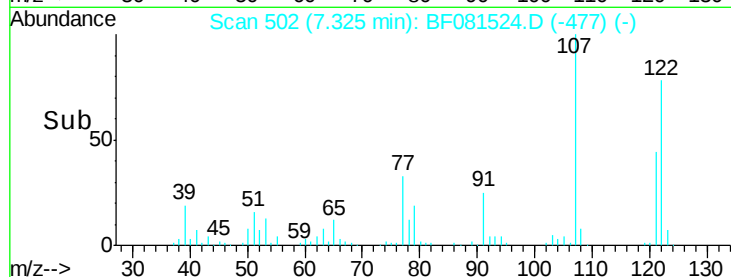
121 56.2 42.3 63.5



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: 38.73 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

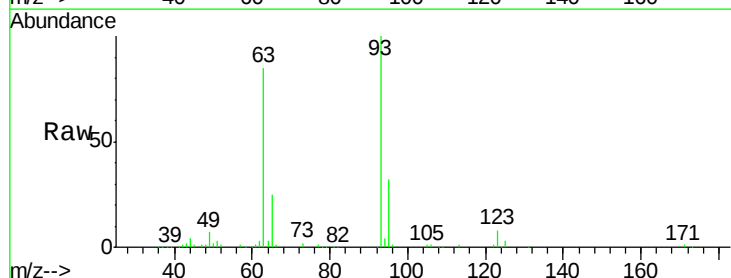
Tgt Ion: 93 Resp: 160169

Ion Ratio Lower Upper

93 100

95 32.5 27.5 41.3

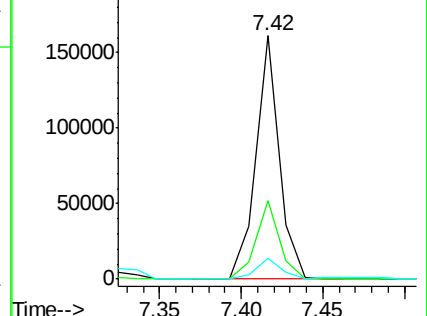
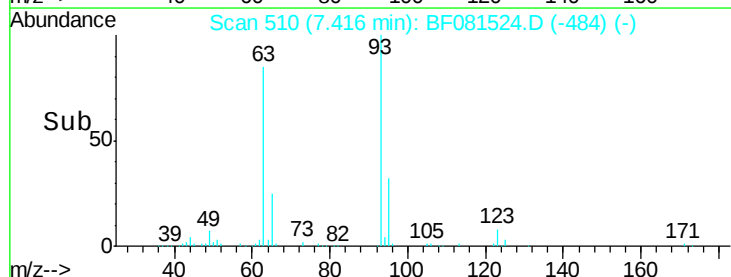
123 8.5 13.7 20.5#

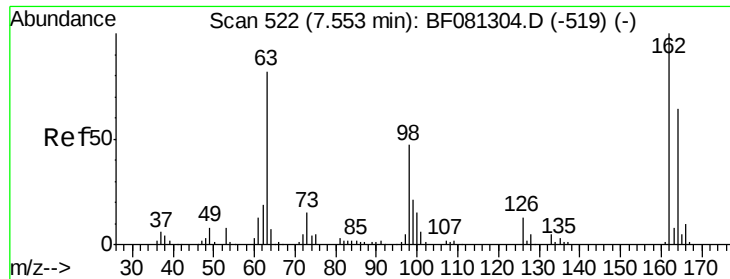


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

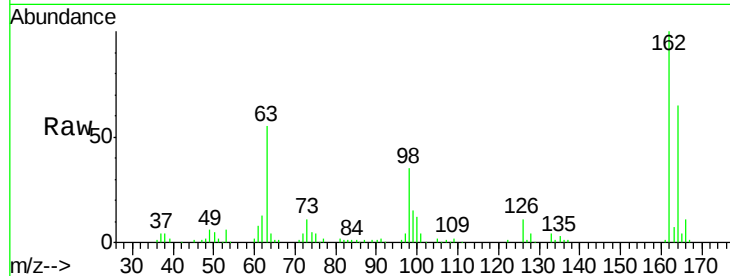




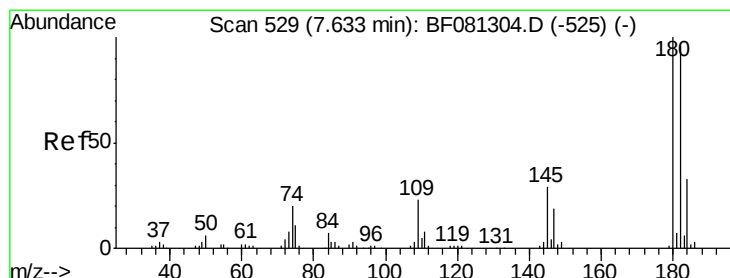
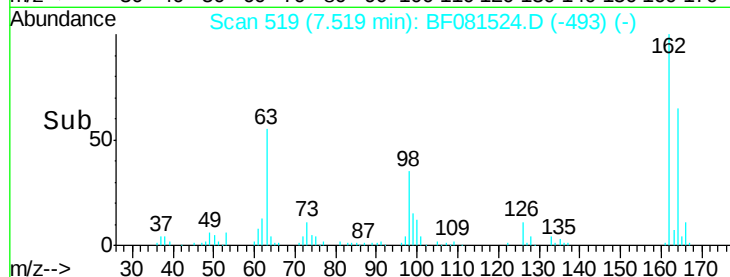
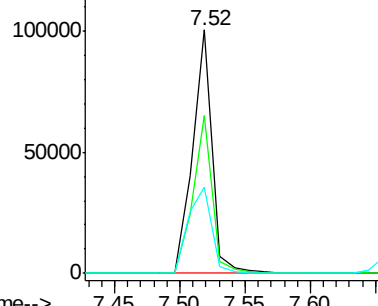
#29
 2,4-Dichlorophenol
 Concen: 40.01 ng
 RT: 7.52 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.9	84.9
98	35.2	13.0	53.0

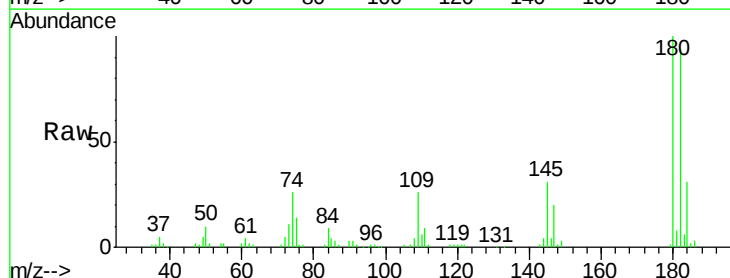


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

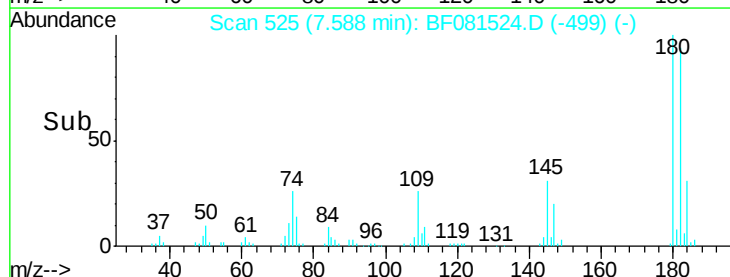
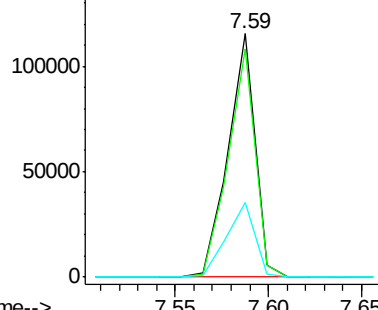


#30
 1,2,4-Trichlorobenzene
 Concen: 40.62 ng
 RT: 7.59 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	30.9	23.3	34.9



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





#31

Naphthalene

Concen: 36.71 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampled :

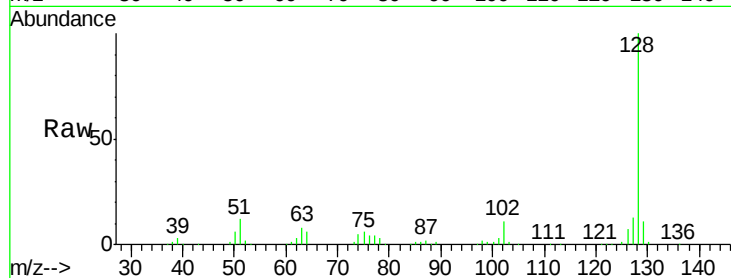
Tot Ion:128 Resp: 363617

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

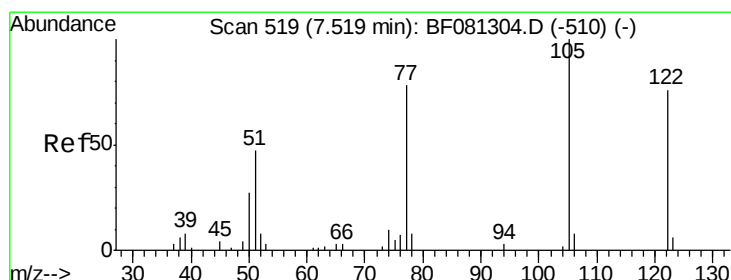
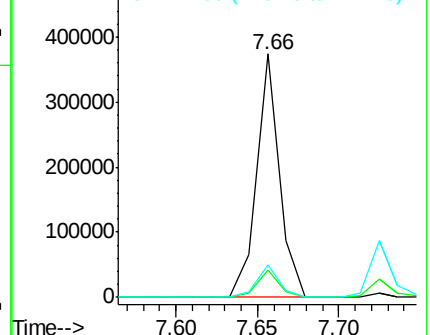
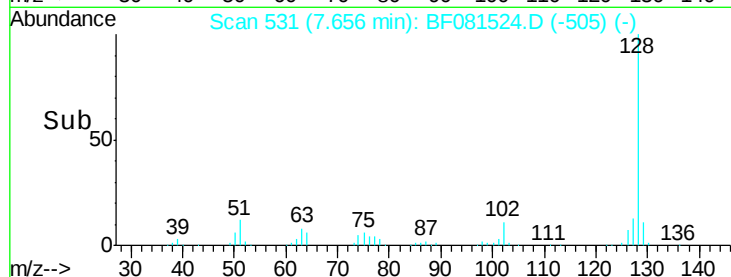
127 13.5 9.9 14.9



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: 26.53 ng

RT: 7.48 min Scan# 516

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

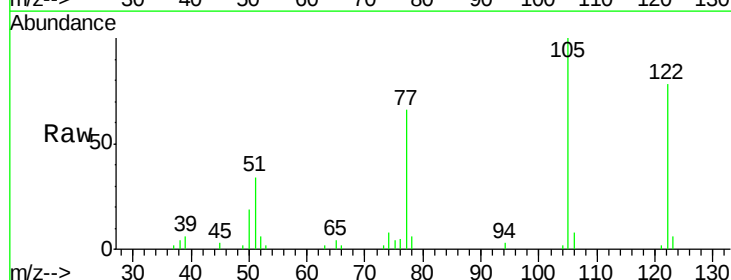
Tgt Ion:122 Resp: 54412

Ion Ratio Lower Upper

122 100

105 128.1 76.1 116.1#

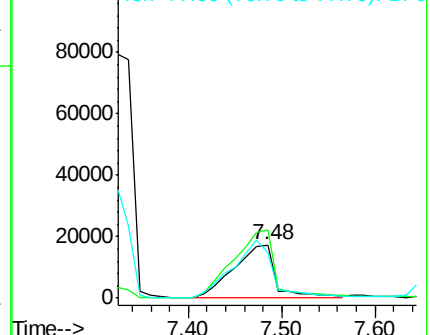
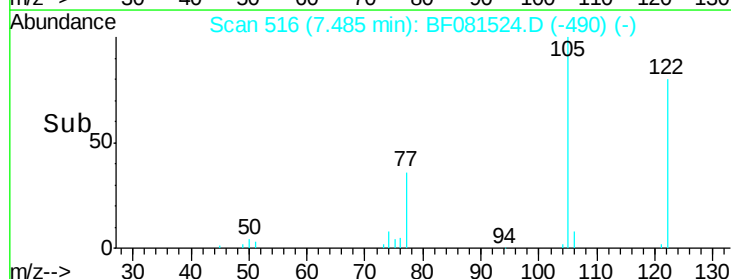
77 85.0 40.5 80.5#

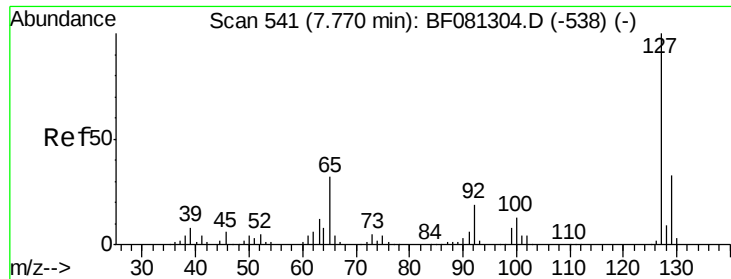


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

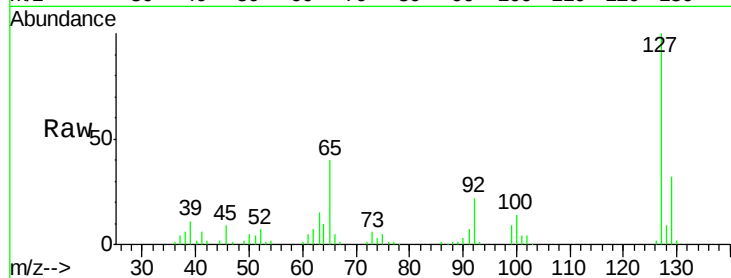




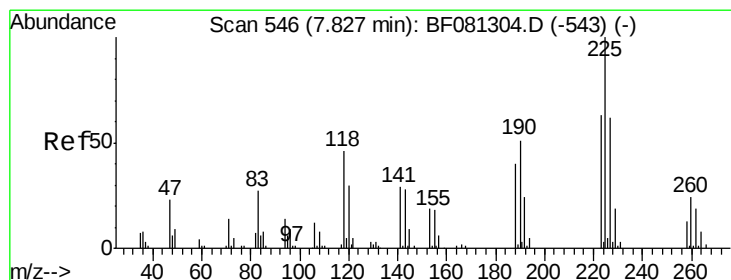
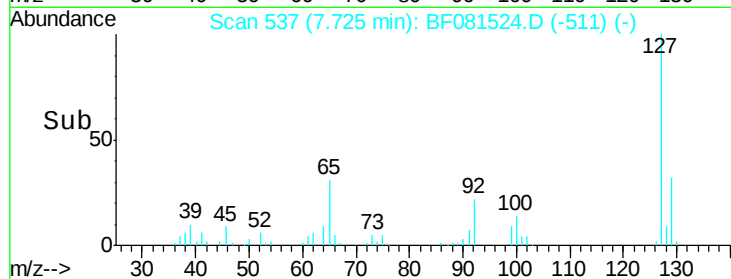
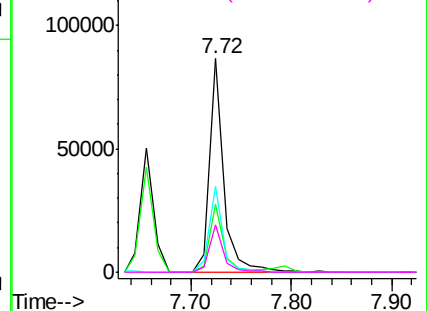
#33
 4-Chloroaniline
 Concen: 20.95 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	84625
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	40.0	17.9	26.9#
92	22.4	10.5	15.7#

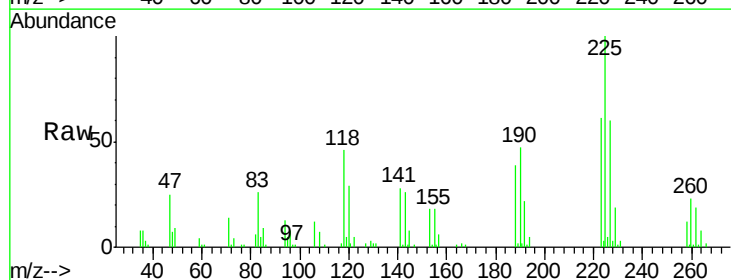


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

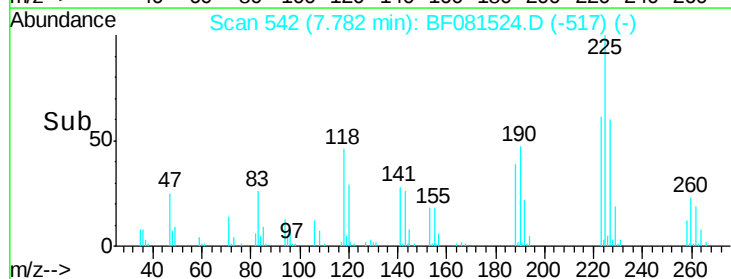
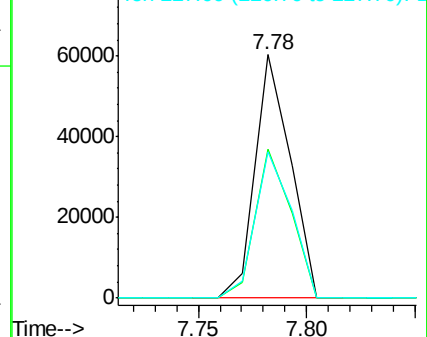


#34
 Hexachlorobutadiene
 Concen: 39.44 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:	225	Resp:	68035
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.2
227	60.0	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: 22.57 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

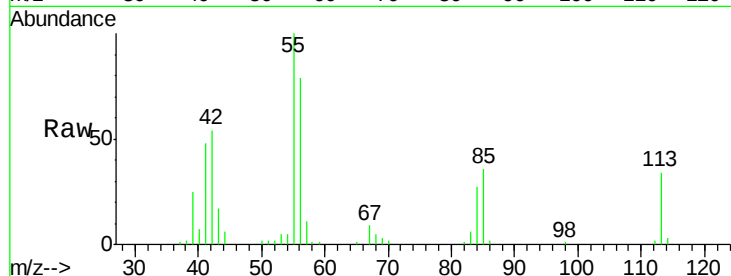
Tot Ion:113 Resp: 18061

Ion Ratio Lower Upper

113 100

55 297.6 152.4 192.4#

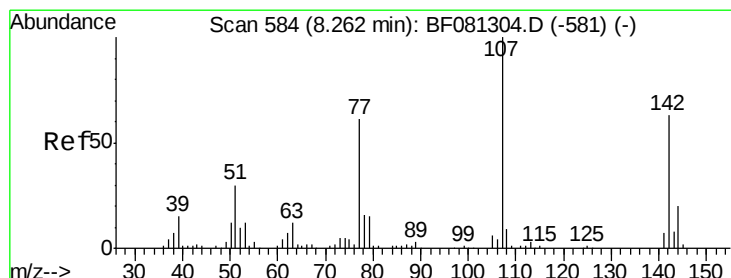
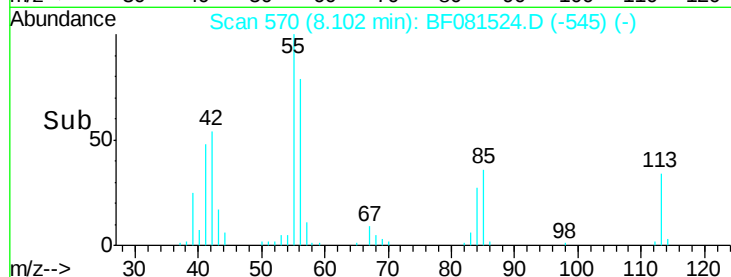
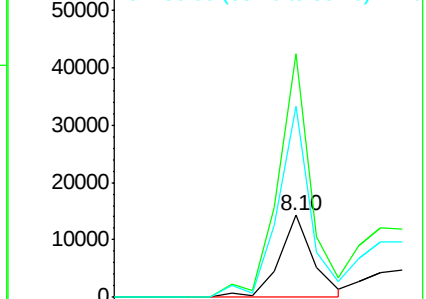
56 234.2 104.6 144.6#



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: 46.52 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

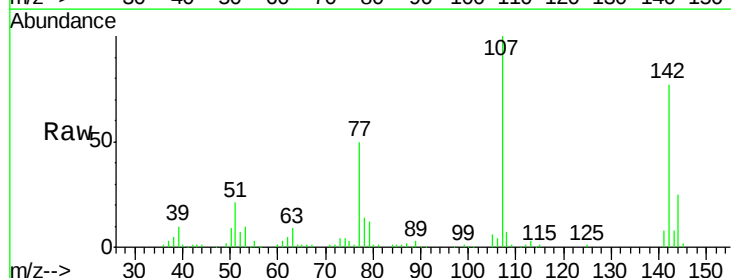
Tgt Ion:107 Resp: 135858

Ion Ratio Lower Upper

107 100

144 24.6 25.4 38.0#

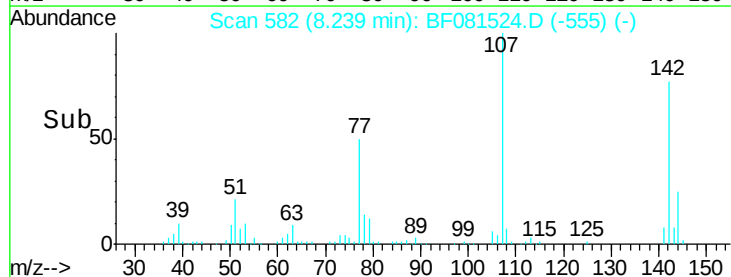
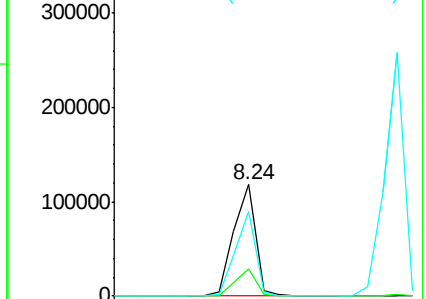
142 76.8 77.3 115.9#

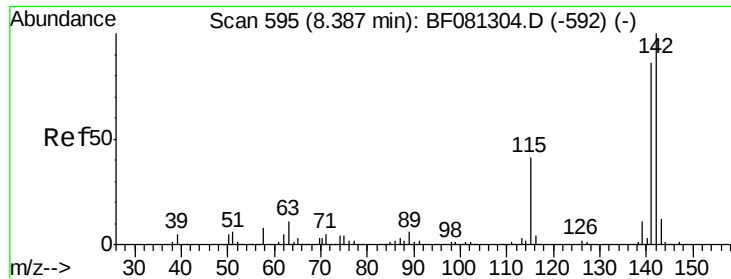


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

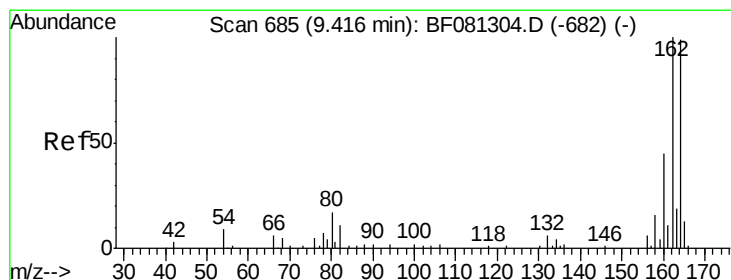
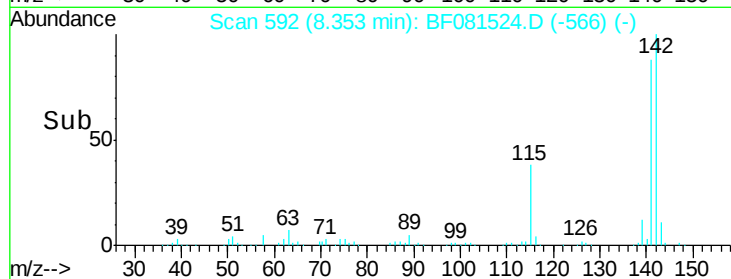
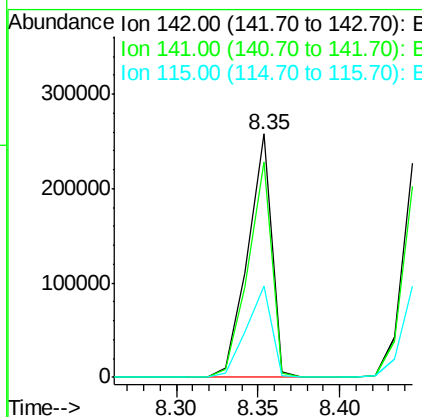
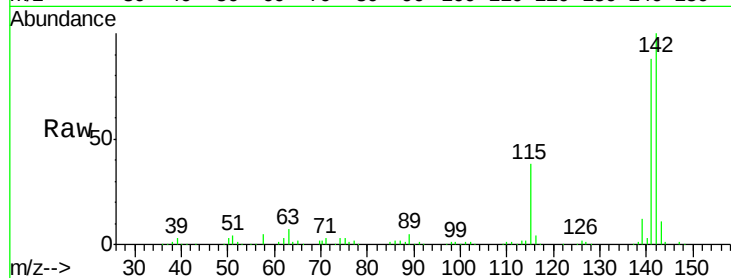




#37
 2-Methylnaphthalene
 Concen: 40.99 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

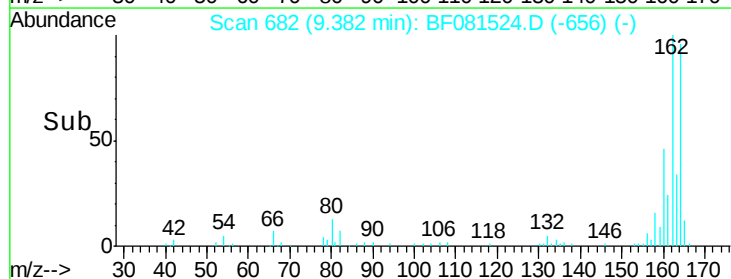
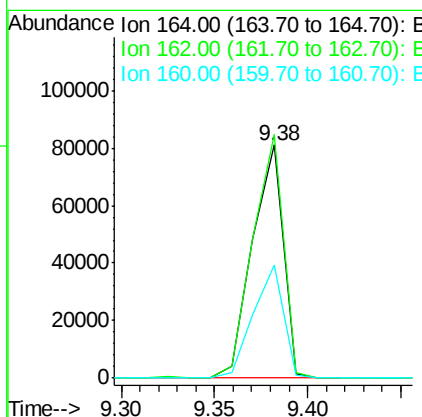
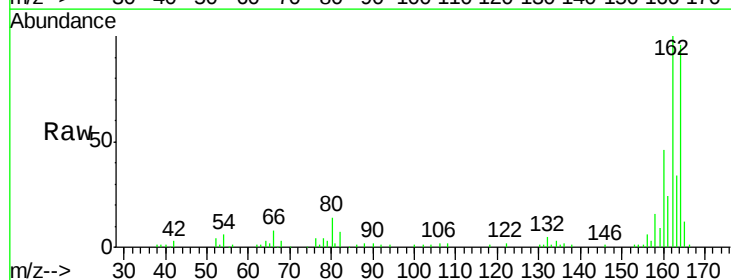
Instrument :
 BNA_F
 ClientSampleId :

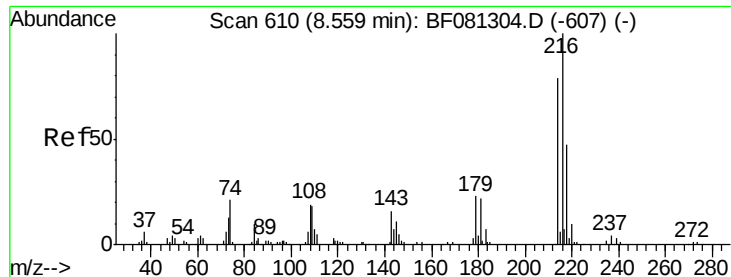
Tot Ion:142 Resp: 264209
 Ion Ratio Lower Upper
 142 100
 141 88.5 67.5 101.3
 115 37.6 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:164 Resp: 92414
 Ion Ratio Lower Upper
 164 100
 162 104.6 75.2 112.8
 160 48.5 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.92 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 102062

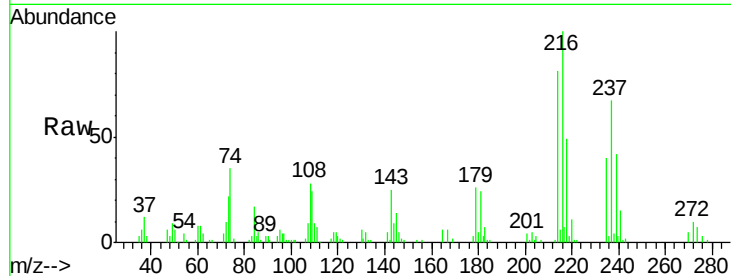
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.1 16.6 24.8

108 23.0 16.3 24.5

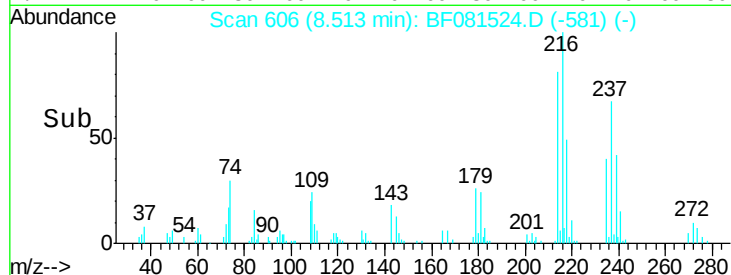


Abundance Ion 216.00 (215.70 to 216.70): E

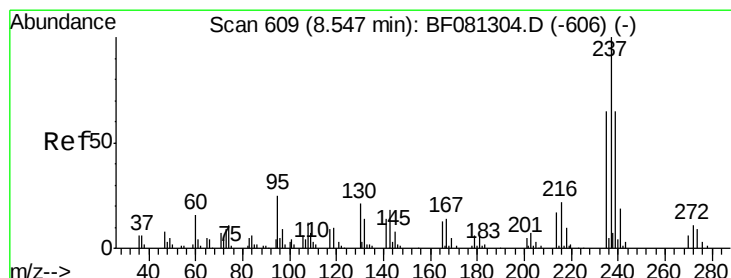
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 8.45 8.50 8.55



#40

Hexachlorocyclopentadiene

Concen: 72.21 ng

RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

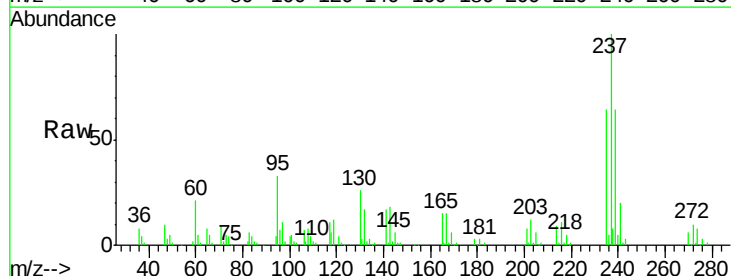
Tgt Ion:237 Resp: 103568

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

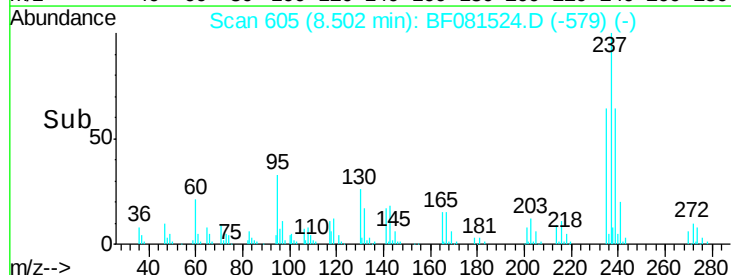
272 10.1 0.0 36.1



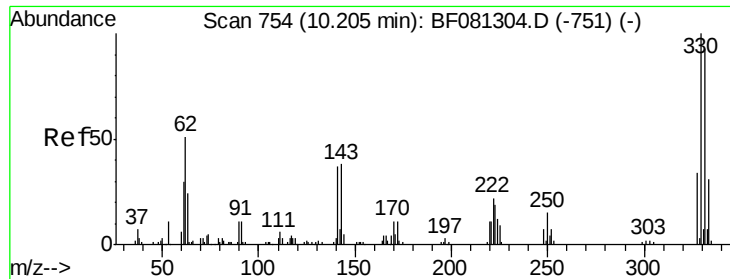
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



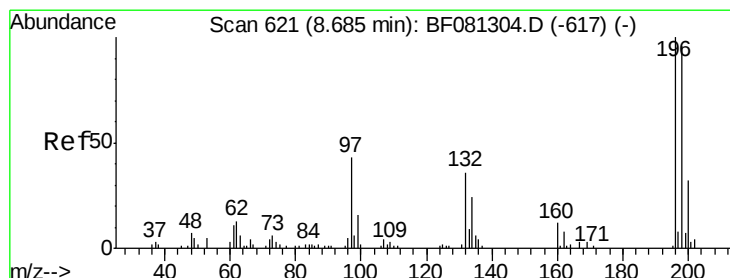
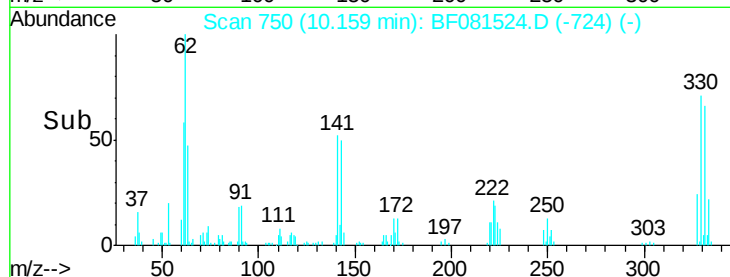
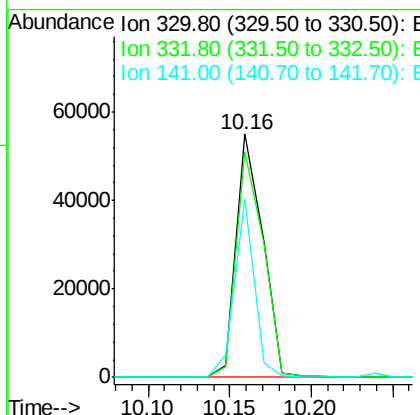
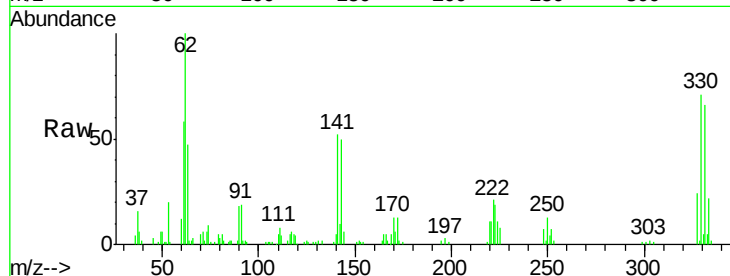
Time--> 8.45 8.50 8.55



#41
 2,4,6-Tribromophenol
 Concen: 75.09 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

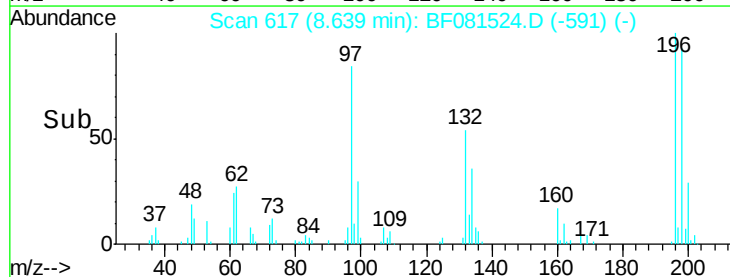
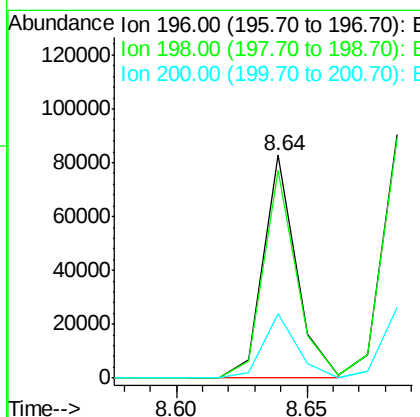
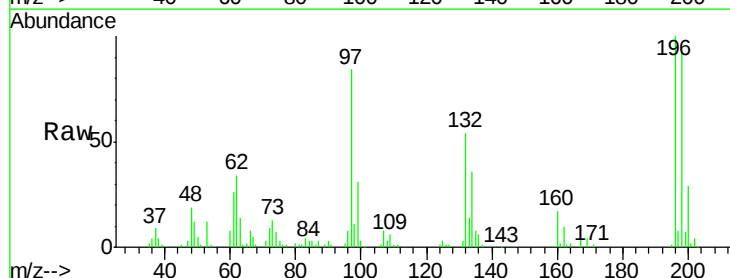
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 61788
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 54.2 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 36.45 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:196 Resp: 73527
 Ion Ratio Lower Upper
 196 100
 198 93.1 75.7 113.5
 200 28.6 23.9 35.9

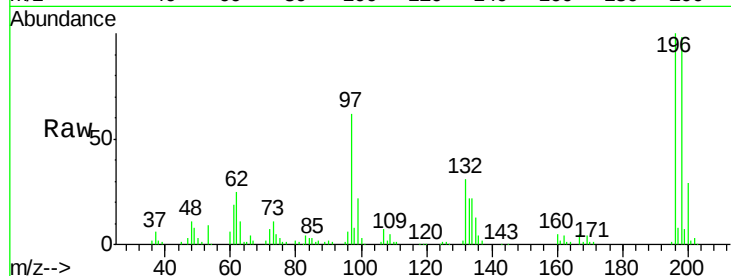




#43
 2,4,5-Trichlorophenol
 Concen: 39.24 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.4	113.0
97	61.9	33.3	49.9
132	31.0	24.6	37.0



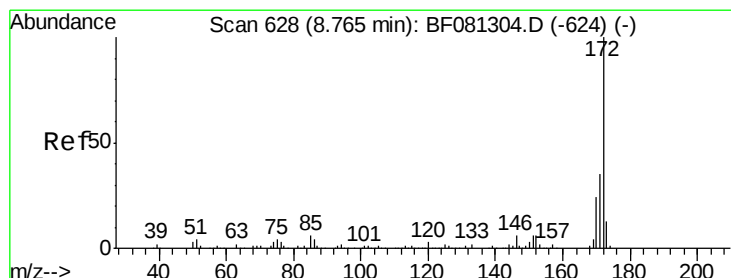
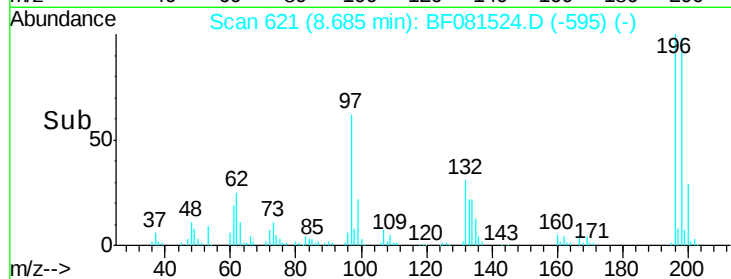
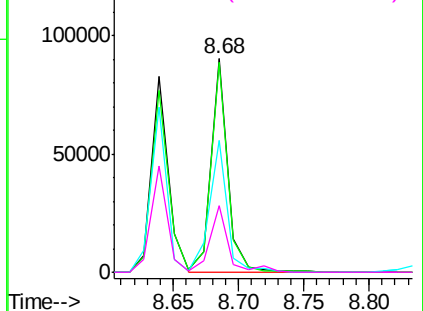
Abundance

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: 69.48 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

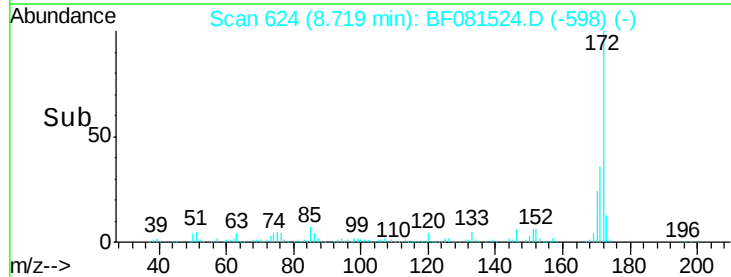
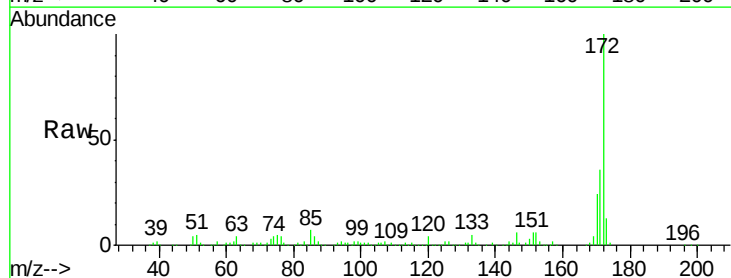
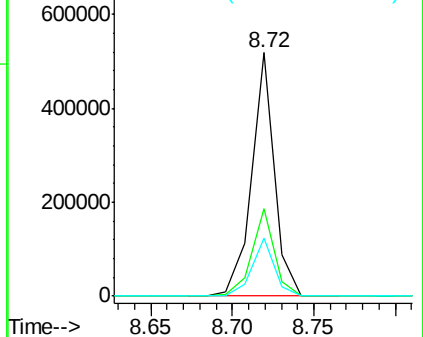
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.0	17.4	26.2

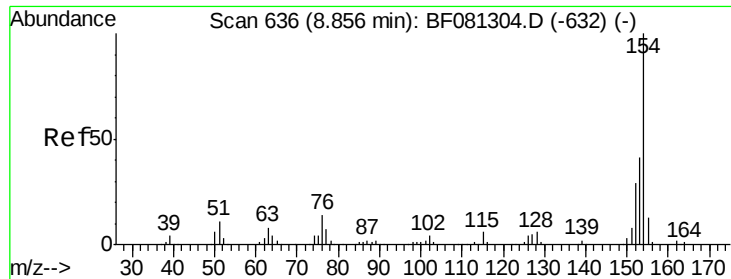
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

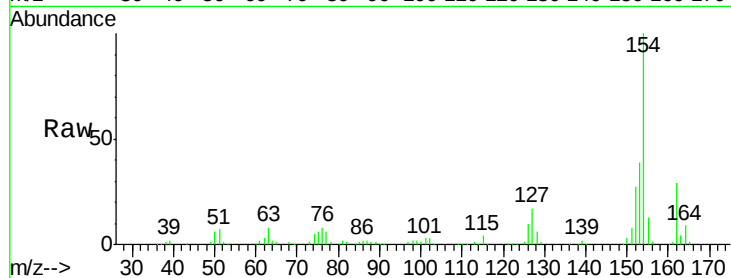




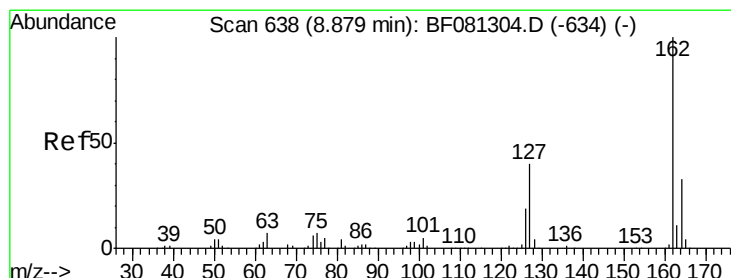
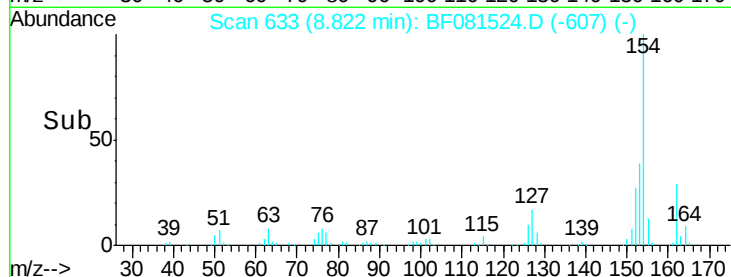
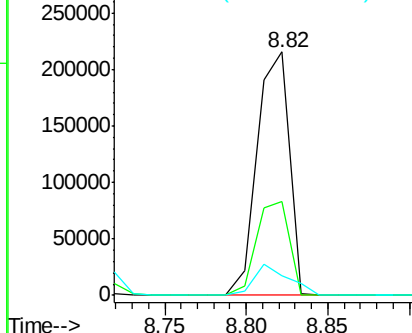
#45
 1,1'-Biphenyl
 Concen: 34.67 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 294797
 Ion Ratio Lower Upper
 154 100
 153 38.6 17.1 57.1
 76 8.0 0.0 31.6

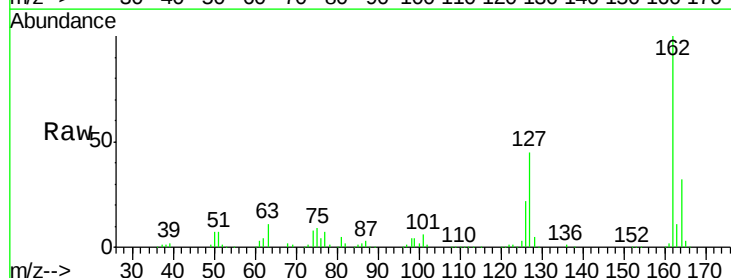


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

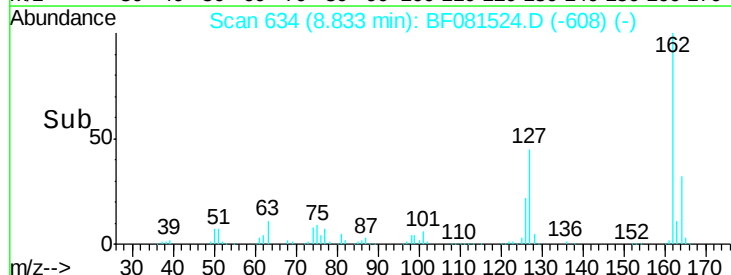
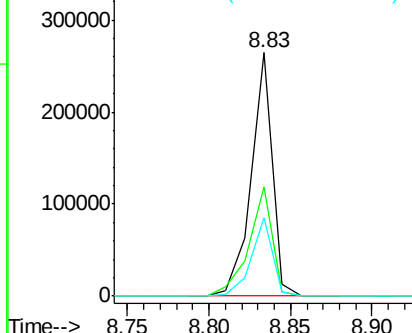


#46
 2-Chloronaphthalene
 Concen: 38.66 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:162 Resp: 237352
 Ion Ratio Lower Upper
 162 100
 127 44.7 27.6 41.4#
 164 32.4 25.4 38.2



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

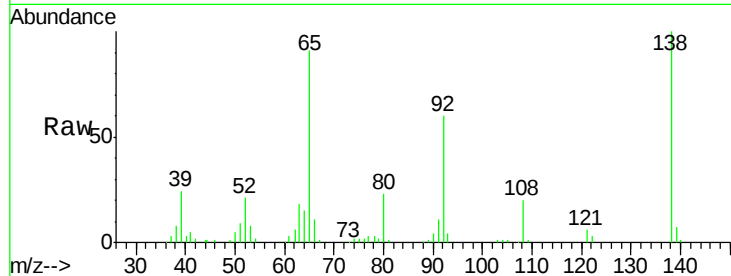




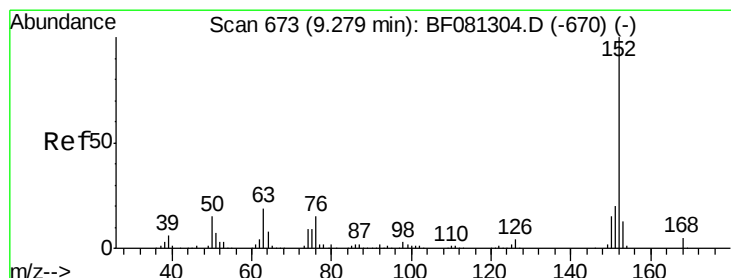
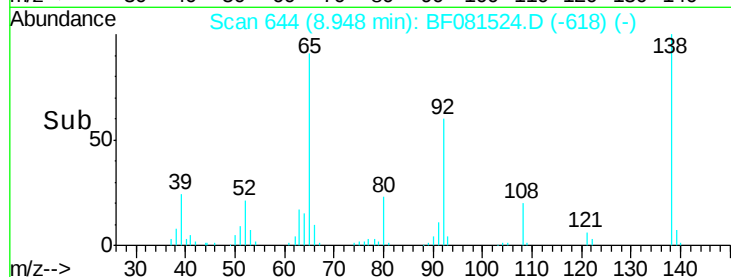
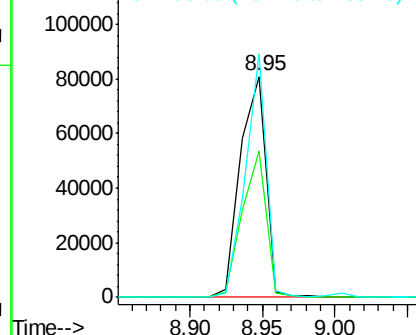
#47
2-Nitroaniline
Concen: 39.80 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 99600
Ion Ratio Lower Upper
65 100
92 66.3 55.4 83.0
138 110.4 115.5 173.3#

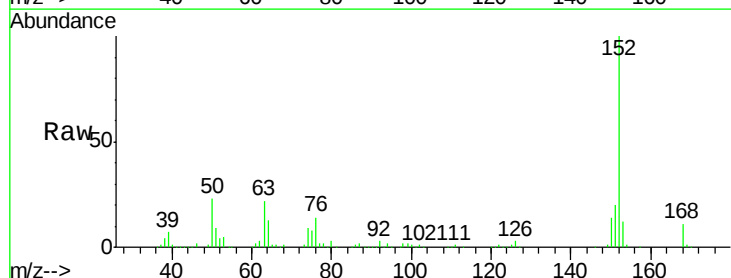


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

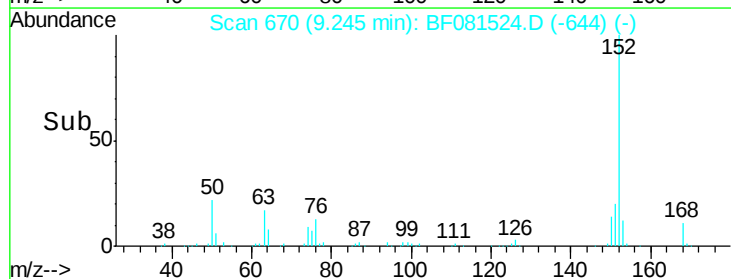
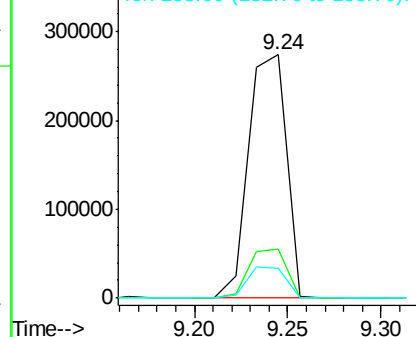


#48
Acenaphthylene
Concen: 35.36 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion: 152 Resp: 385160
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 12.2 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

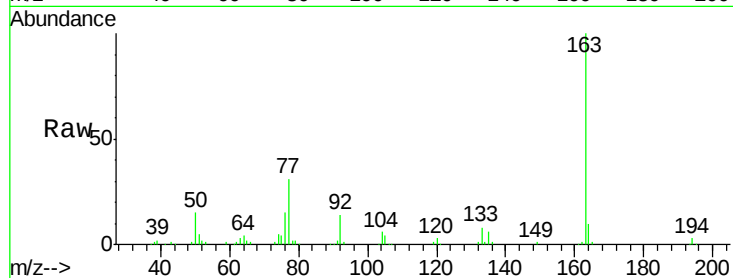




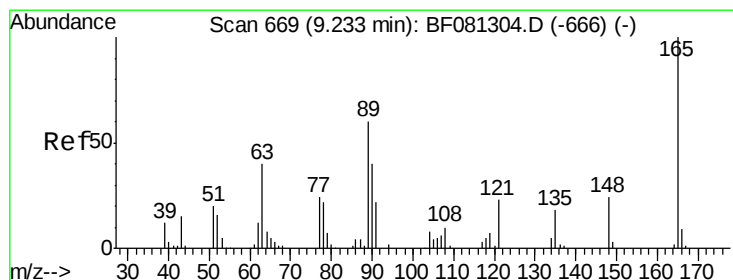
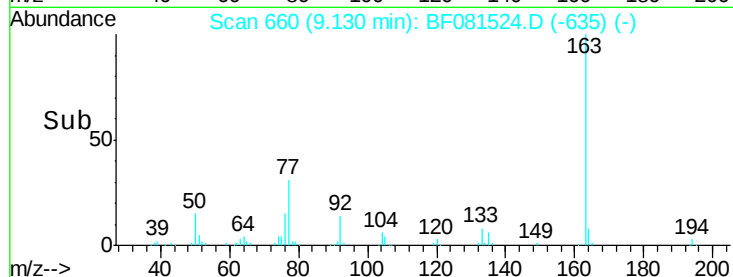
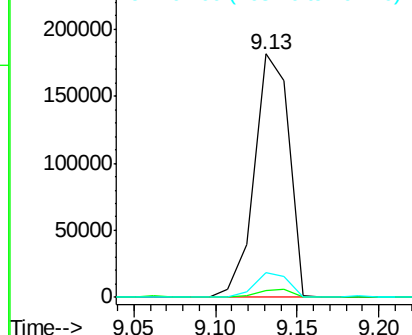
#49
Dimethylphthalate
Concen: 37.20 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 267132
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.1 8.3 12.5

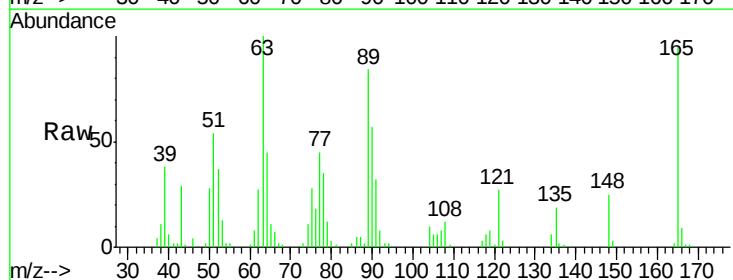


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

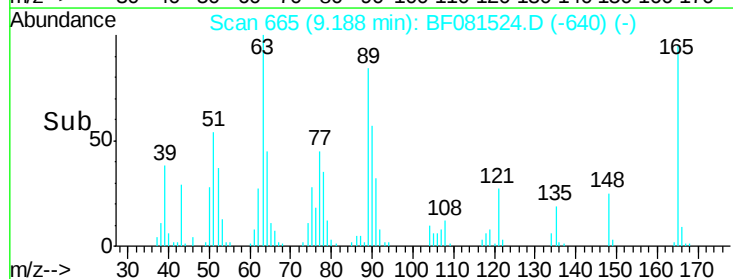
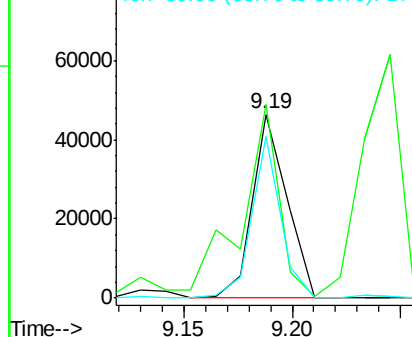


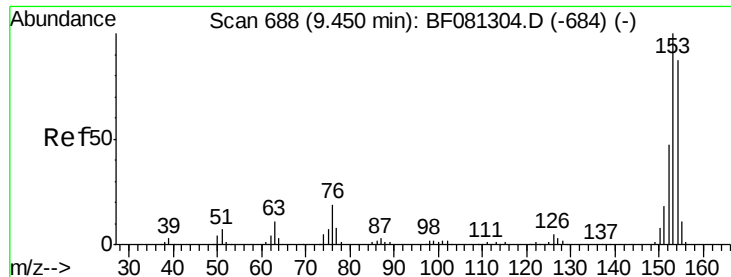
#50
2,6-Dinitrotoluene
Concen: 31.41 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:165 Resp: 51193
Ion Ratio Lower Upper
165 100
63 105.6 32.3 48.5#
89 88.3 28.6 43.0#



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





#51

Acenaphthene

Concen: 34.86 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

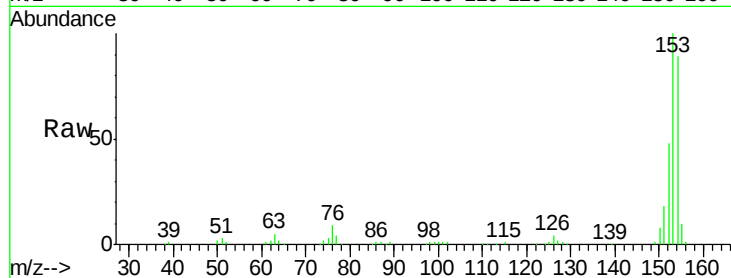
Tot Ion:154 Resp: 216000

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

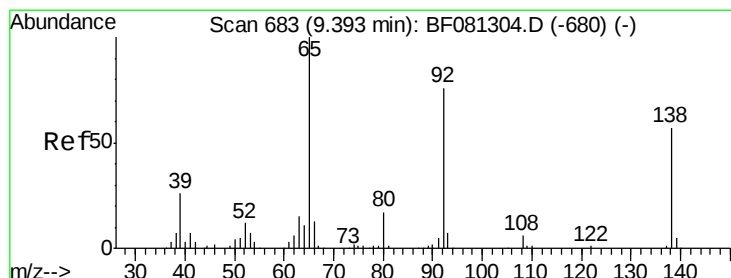
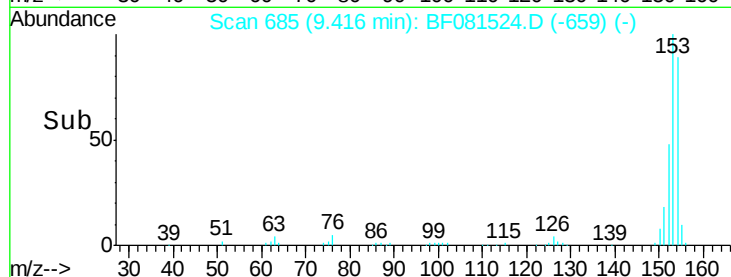
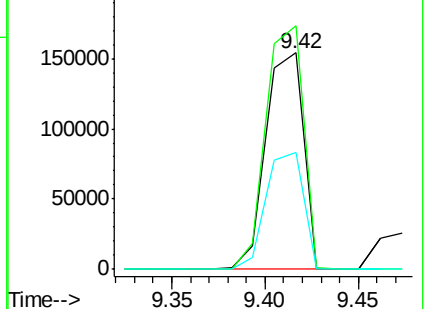
152 53.8 37.9 56.9



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: 22.11 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

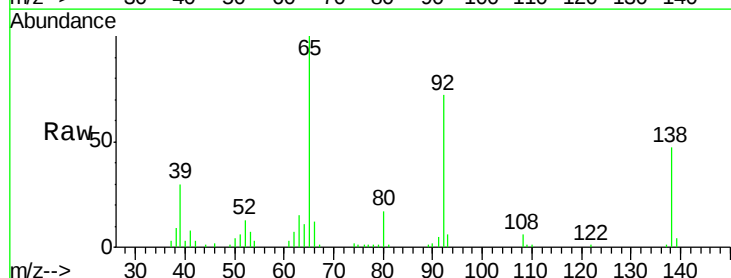
Tgt Ion:138 Resp: 41018

Ion Ratio Lower Upper

138 100

108 13.2 5.7 8.5#

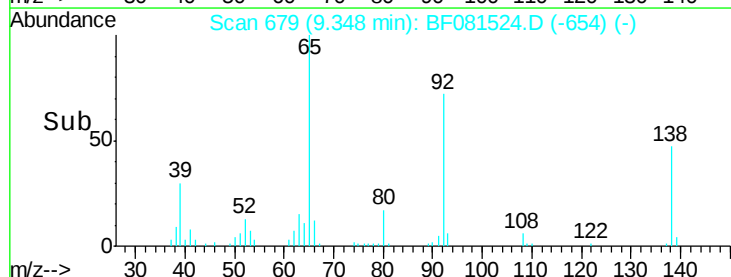
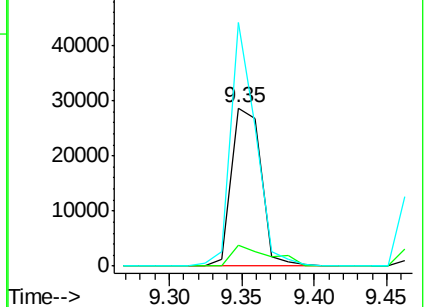
92 154.1 67.7 101.5#

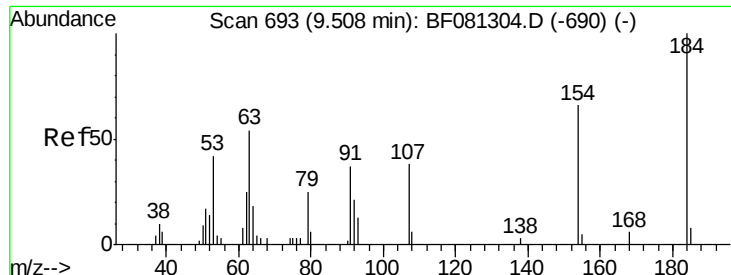


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

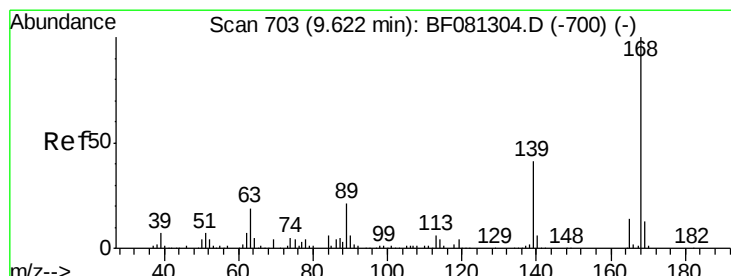
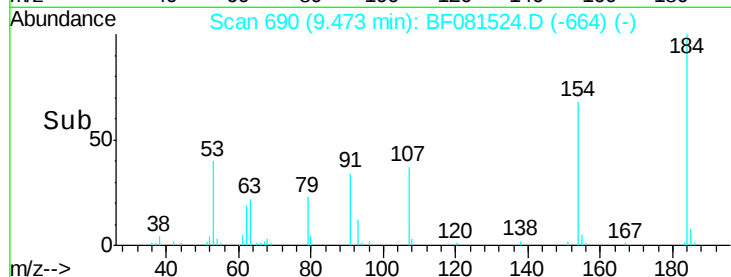
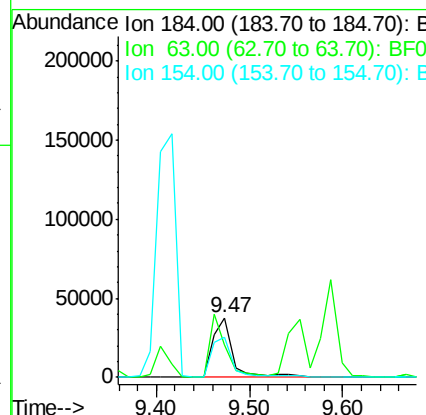
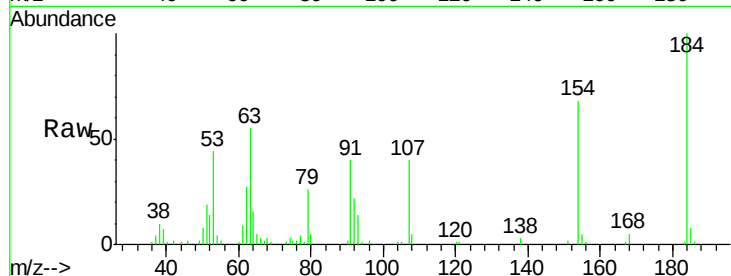




#53
 2,4-Dinitrophenol
 Concen: 81.44 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

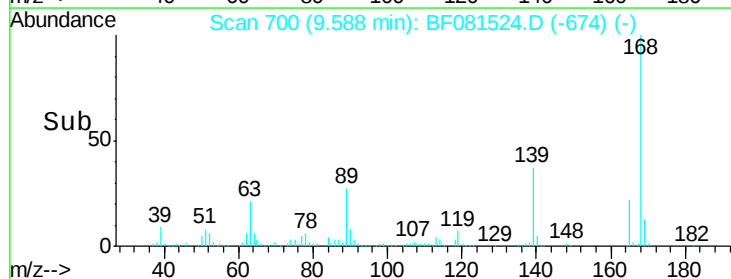
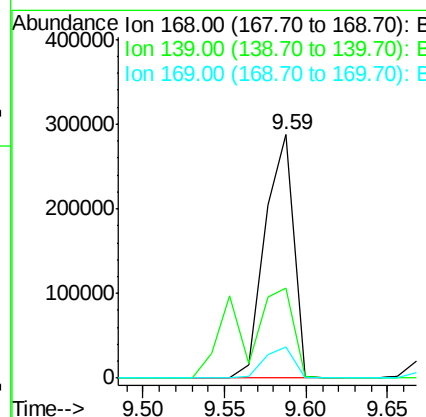
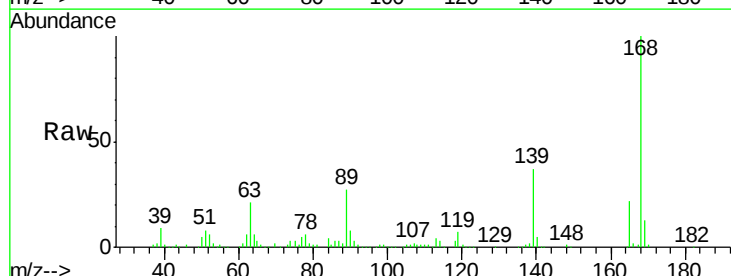
Instrument :
 BNA_F
 ClientSampled :

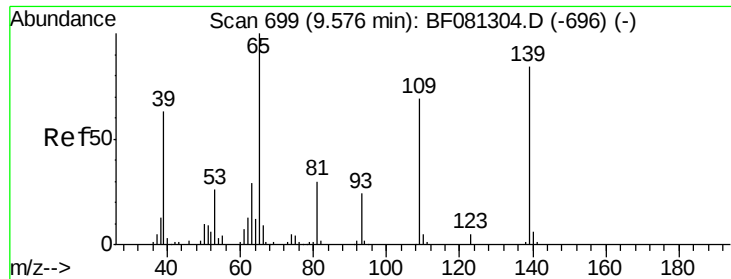
Tot Ion:184 Resp: 55899
 Ion Ratio Lower Upper
 184 100
 63 54.8 35.4 53.2#
 154 68.0 32.2 48.4#



#54
 Dibenzofuran
 Concen: 38.78 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:168 Resp: 350841
 Ion Ratio Lower Upper
 168 100
 139 36.9 24.2 36.2#
 169 12.9 10.6 15.8

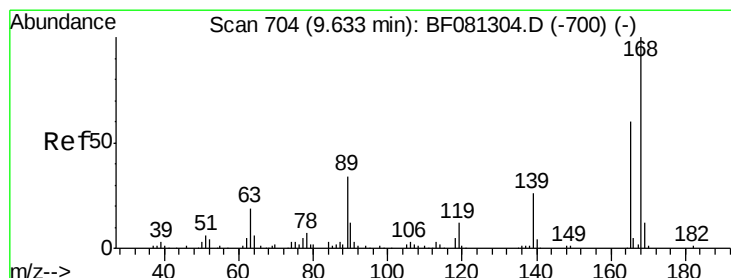
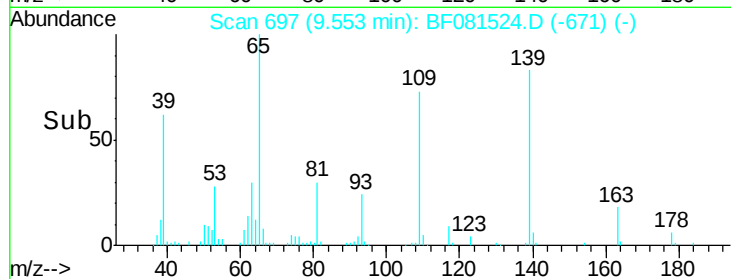
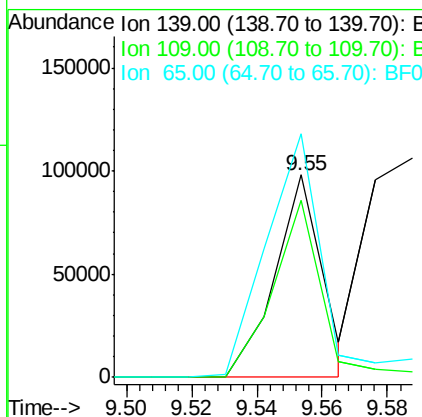
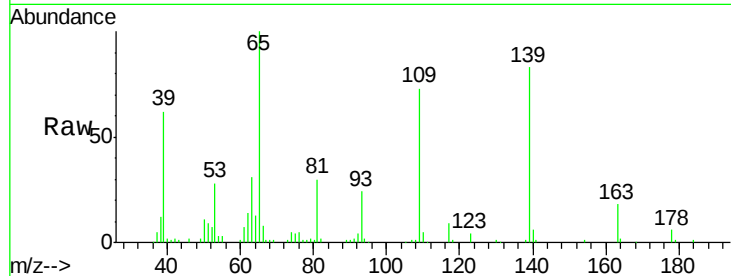




#55
4-Nitrophenol
Concen: 85.16 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

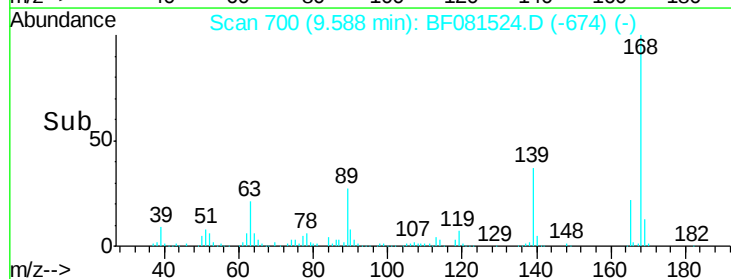
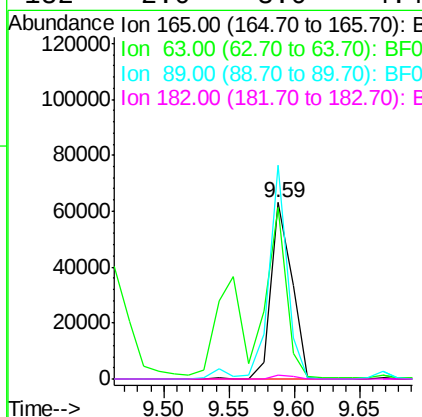
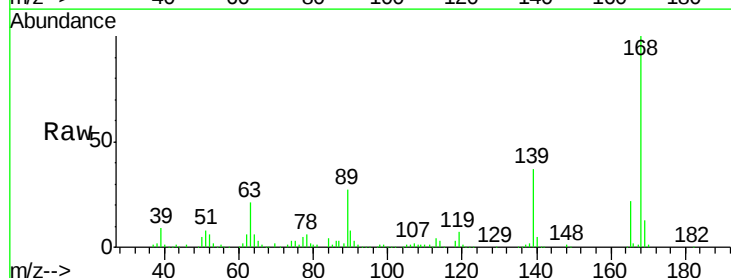
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 99258
Ion Ratio Lower Upper
139 100
109 87.4 12.7 52.7#
65 120.4 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 34.30 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:165 Resp: 71165
Ion Ratio Lower Upper
165 100
63 97.4 29.8 44.6#
89 121.1 44.5 66.7#
182 2.0 3.0 4.4#

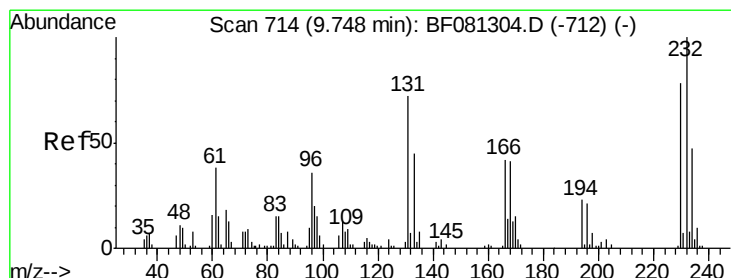
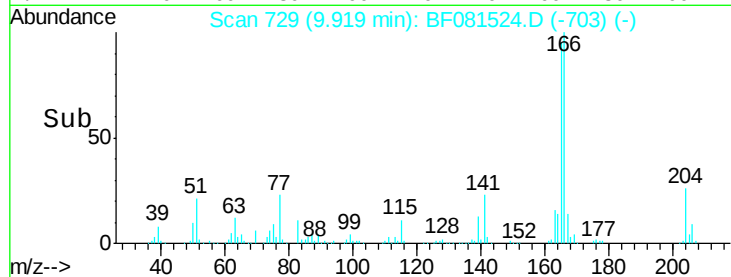
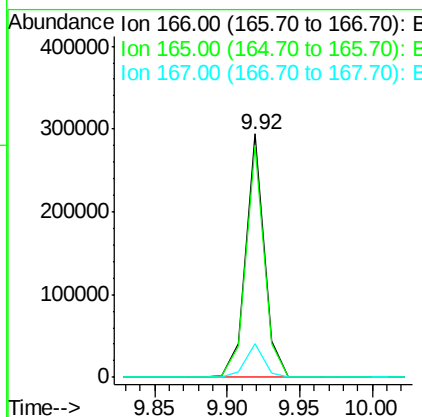
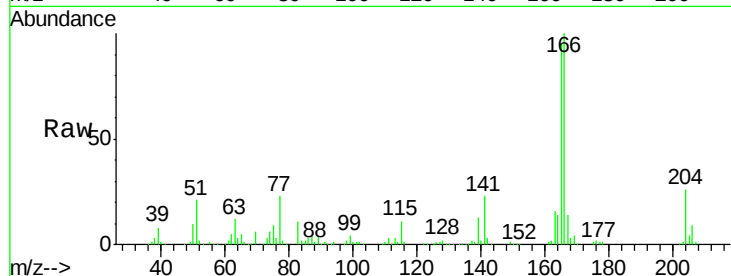




#57
 Fluorene
 Concen: 38.06 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

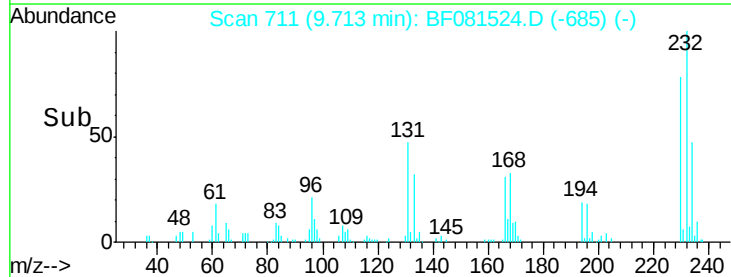
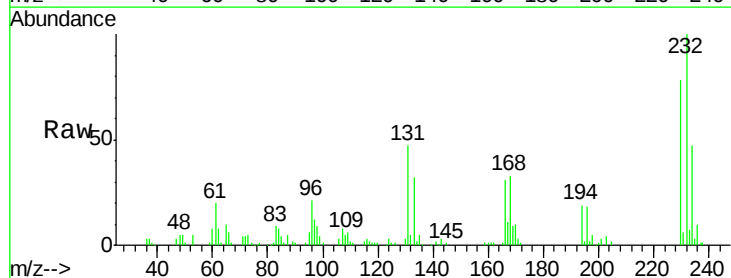
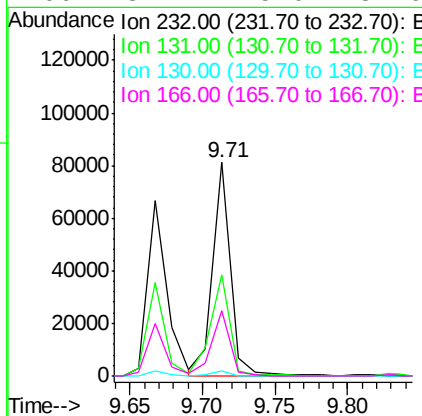
Instrument :
 BNA_F
 ClientSampleId :

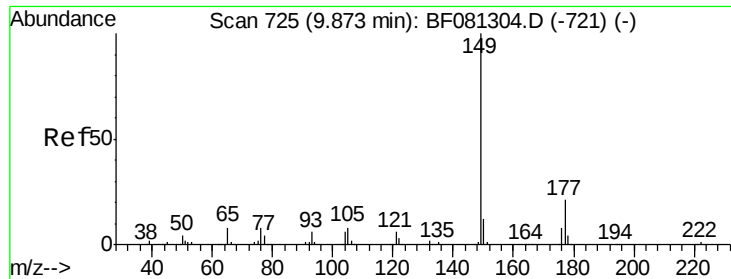
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.1	72.6	109.0
167	14.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.72 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	38.5	57.7
130	2.5	1.8	2.6
166	31.2	25.0	37.6

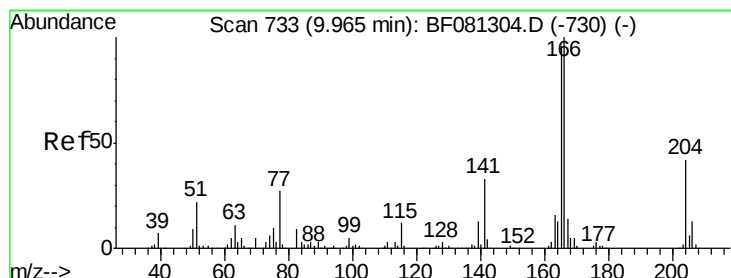
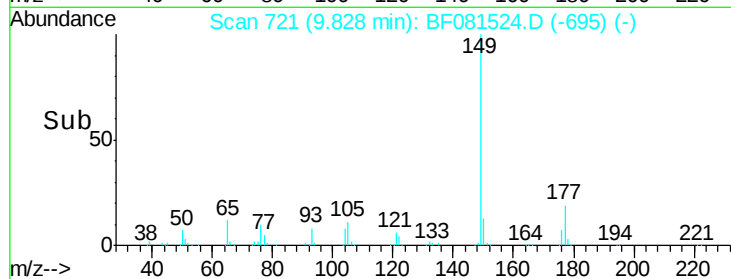
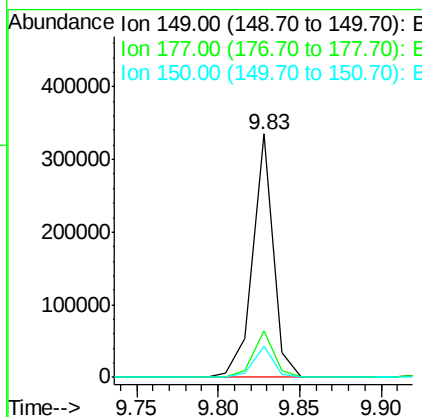
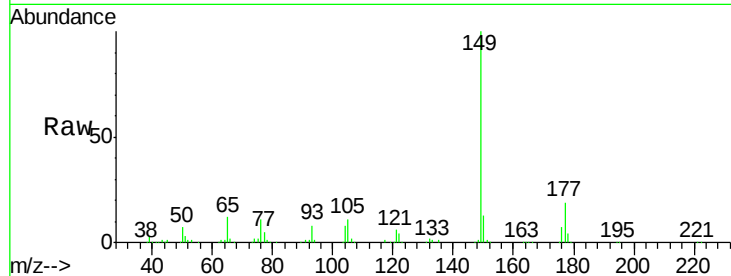




#59
Diethylphthalate
Concen: 39.11 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

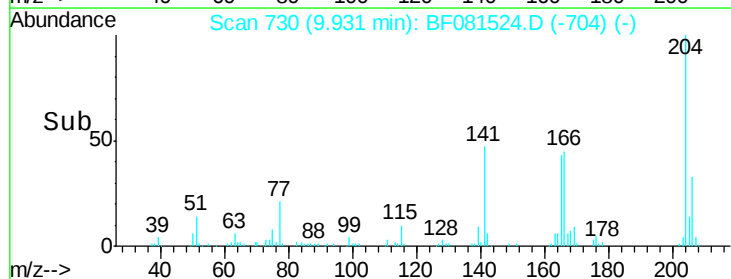
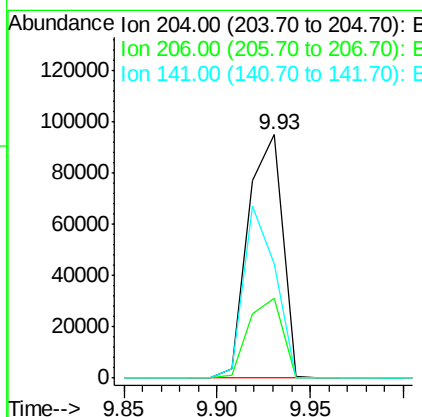
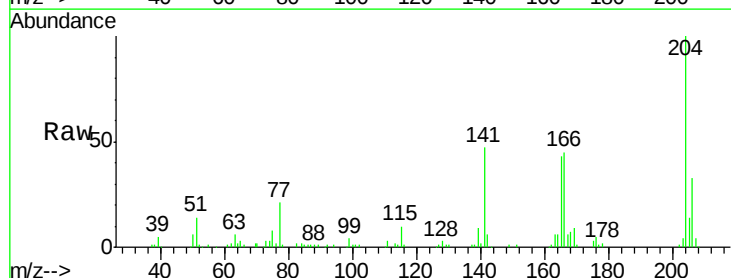
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 295395
Ion Ratio Lower Upper
149 100
177 18.9 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 37.85 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:204 Resp: 121138
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 46.9 42.2 63.4





#61

4-Nitroaniline

Concen: 35.86 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

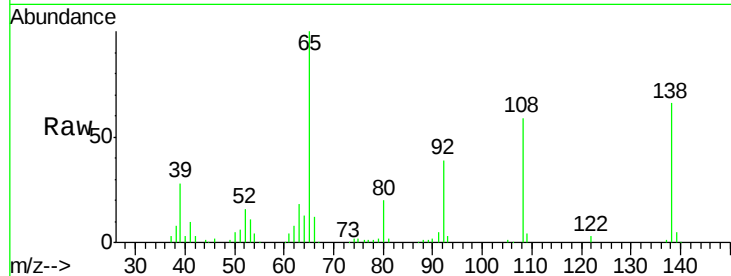
Tot Ion:138 Resp: 67206

Ion Ratio Lower Upper

138 100

92 59.1 12.6 52.6#

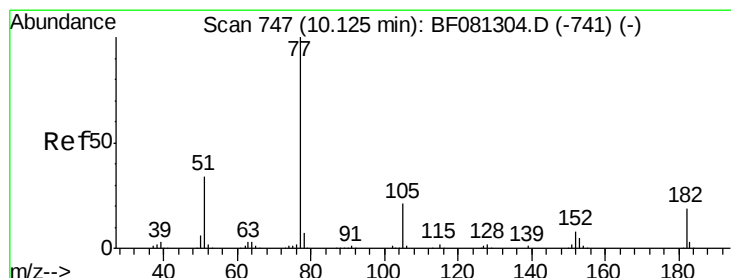
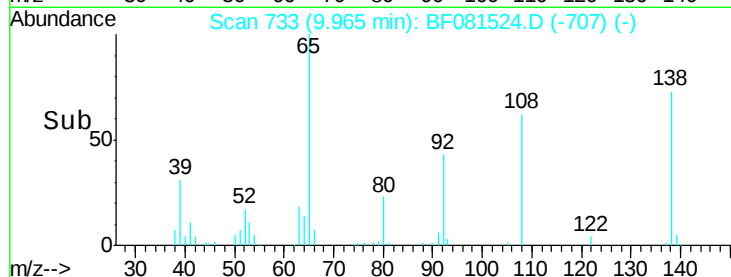
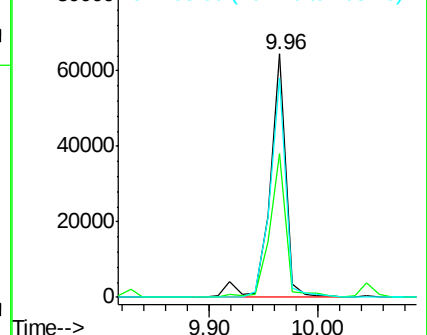
108 90.3 12.4 52.4#



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: 38.25 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion: 77 Resp: 321224

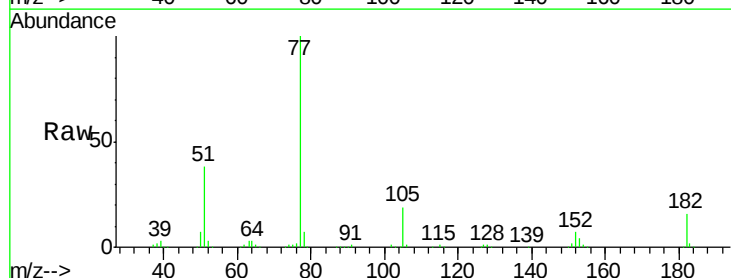
Ion Ratio Lower Upper

77 100

182 15.5 15.1 55.1

105 19.3 3.4 43.4

51 38.3 12.0 52.0

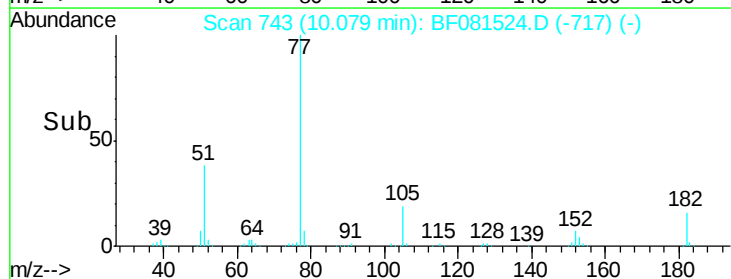
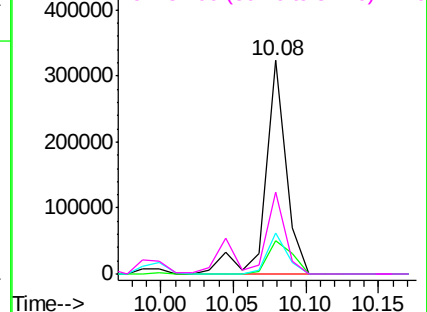


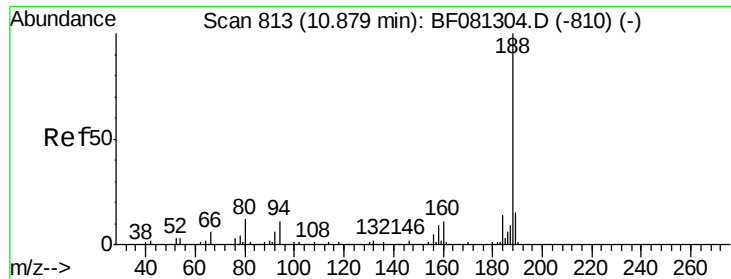
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

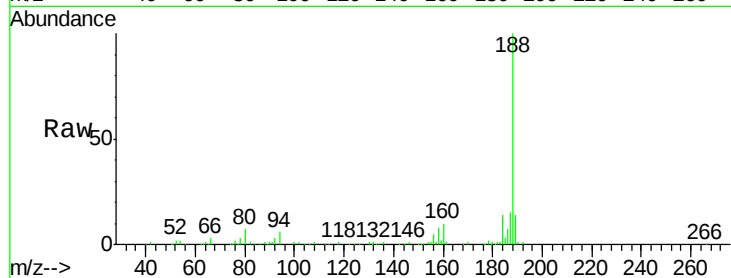




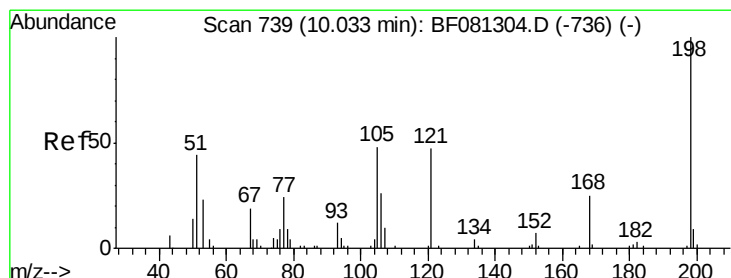
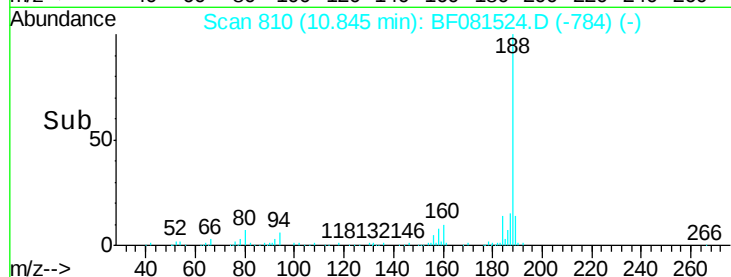
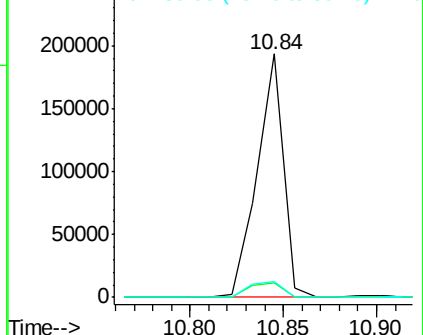
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 191504
Ion Ratio Lower Upper
188 100
94 6.1 11.1 16.7#
80 6.5 11.0 16.4#

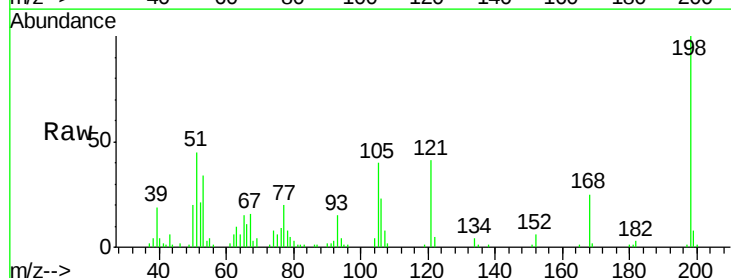


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

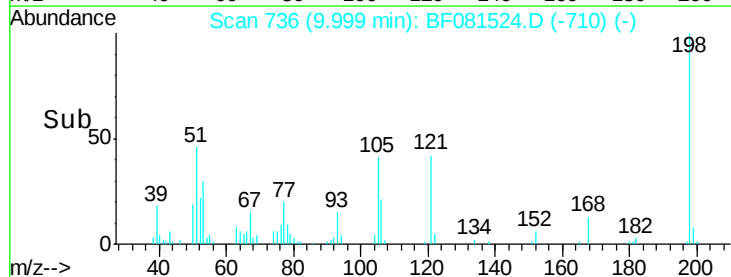
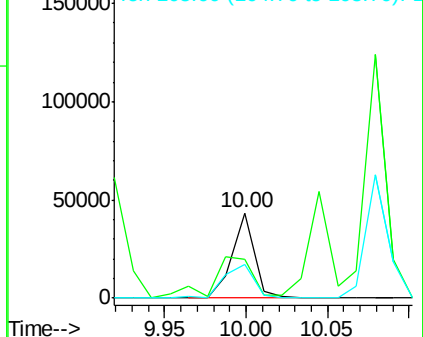


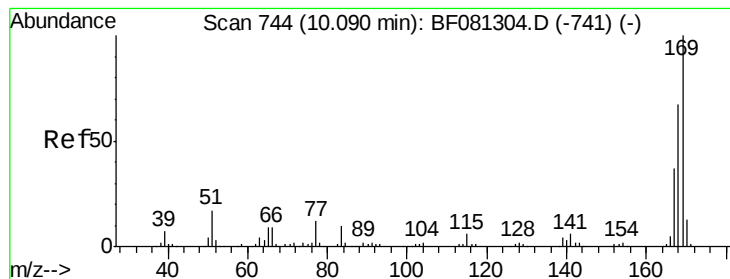
#64
4,6-Dinitro-2-methylphenol
Concen: 38.15 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:198 Resp: 40867
Ion Ratio Lower Upper
198 100
51 45.0 39.6 79.6
105 39.9 28.5 68.5



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

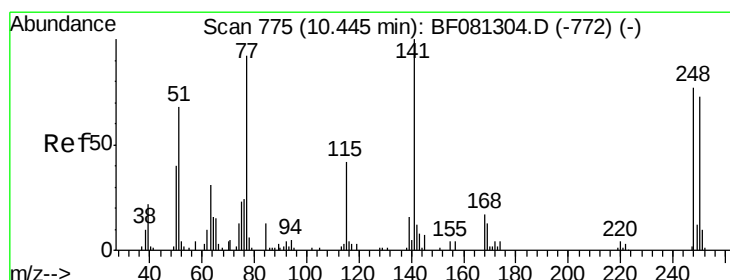
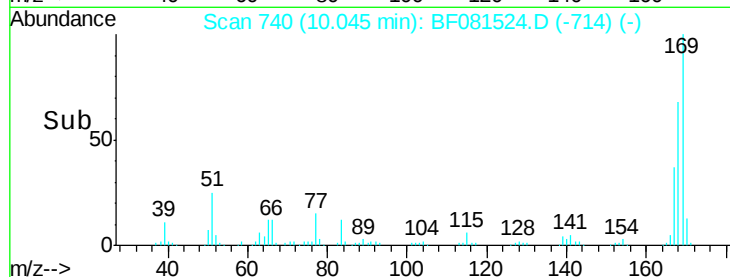
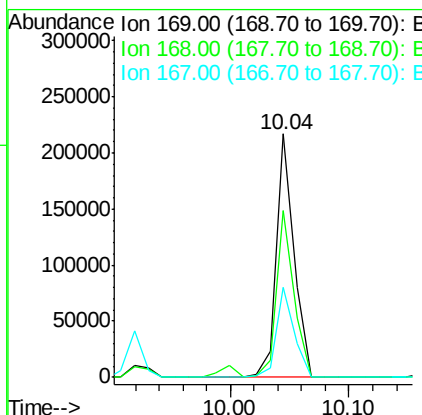
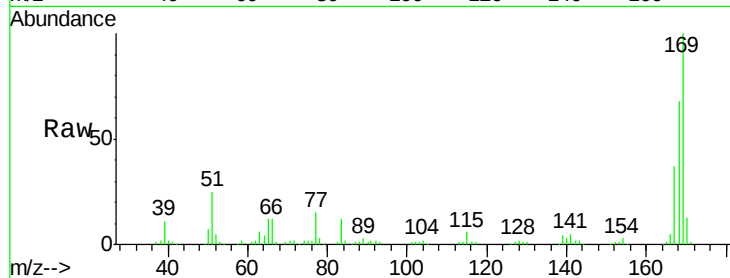




#65
 n-Nitrosodiphenylamine
 Concen: 31.93 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

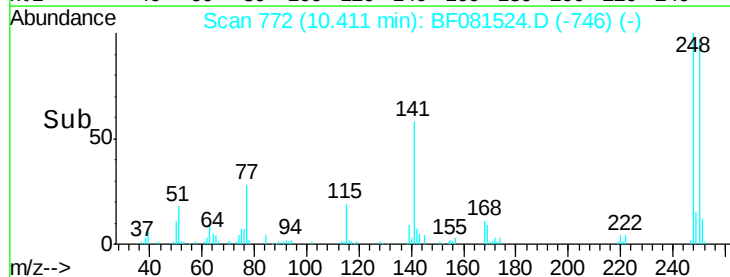
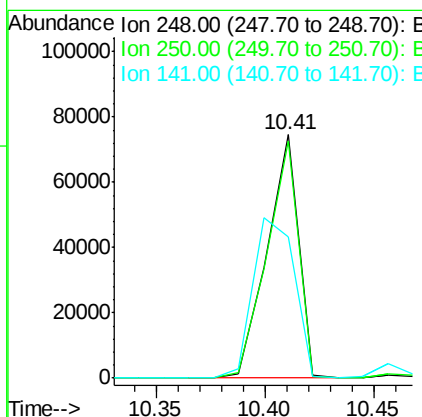
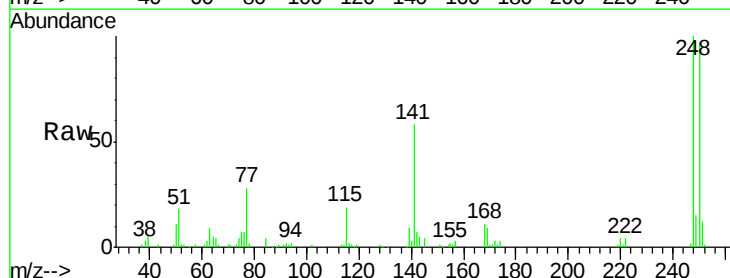
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 222500
 Ion Ratio Lower Upper
 169 100
 168 68.4 48.9 73.3
 167 37.1 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 39.17 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:248 Resp: 75844
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.5 117.7
 141 57.9 59.0 88.6#

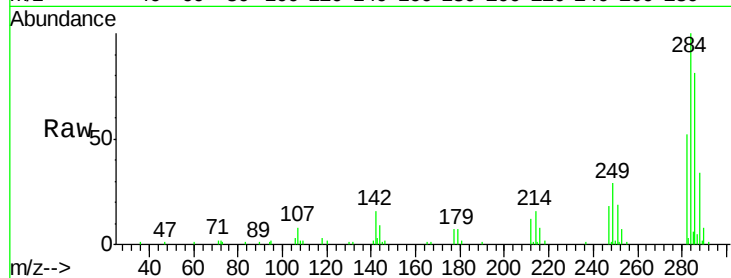




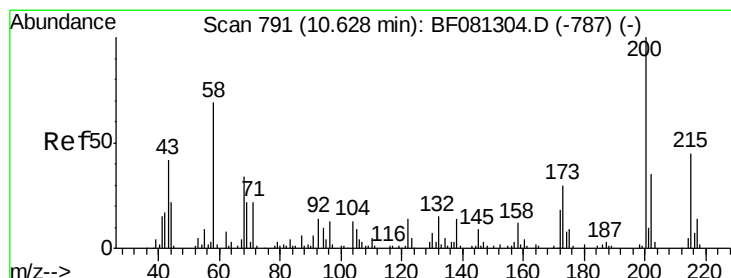
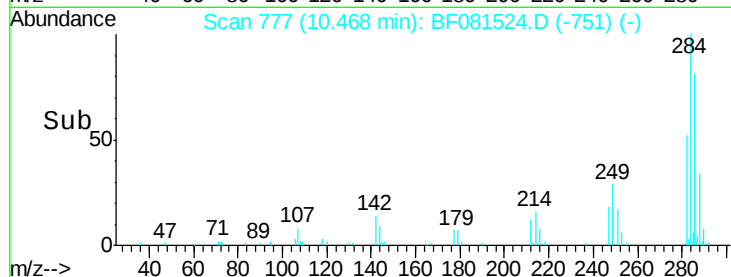
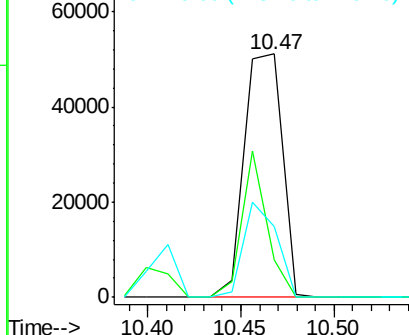
#67
Hexachlorobenzene
Concen: 35.67 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 72213
Ion Ratio Lower Upper
284 100
142 15.6 29.5 44.3#
249 29.3 19.5 29.3#

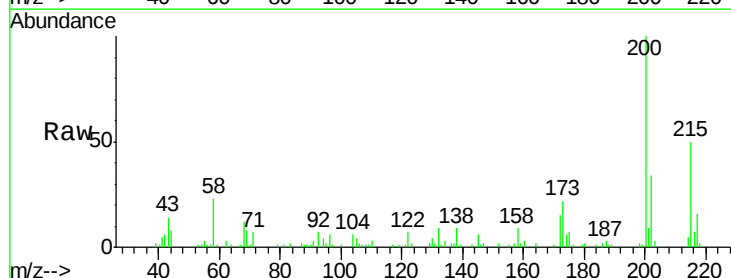


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

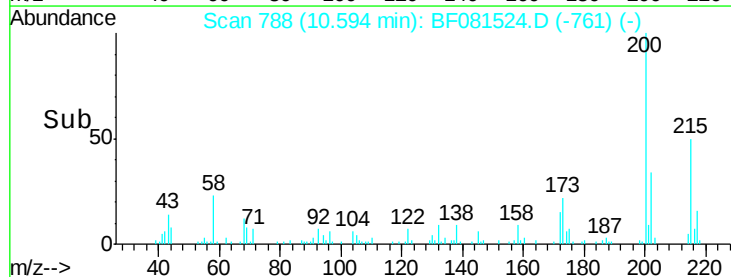
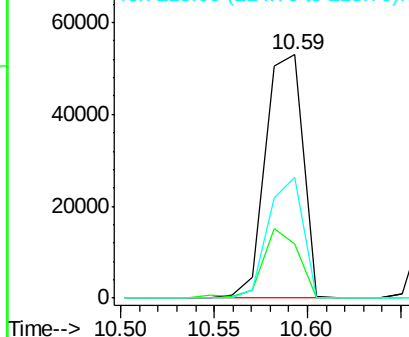


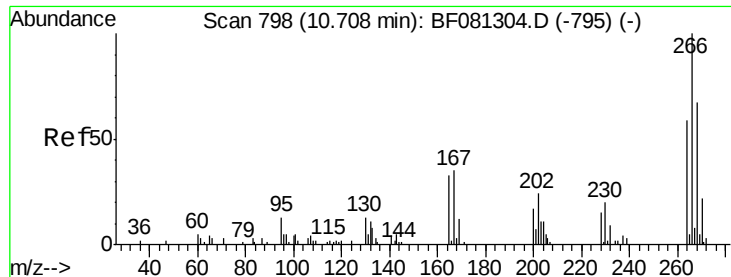
#68
Atrazine
Concen: 37.17 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:200 Resp: 74949
Ion Ratio Lower Upper
200 100
173 22.3 13.2 53.2
215 49.6 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

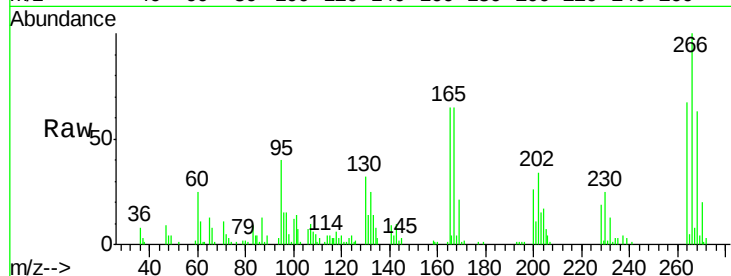




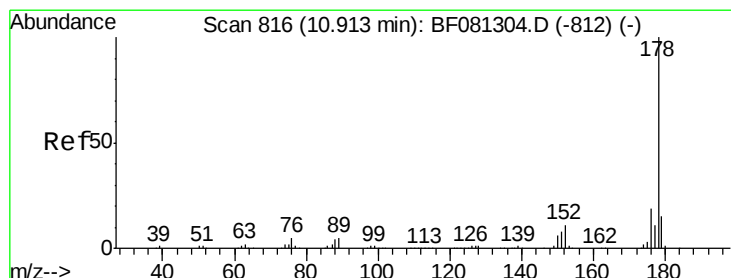
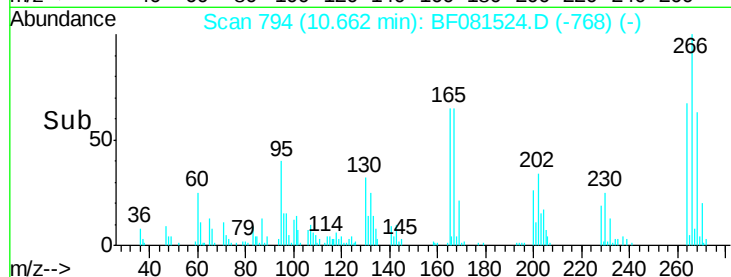
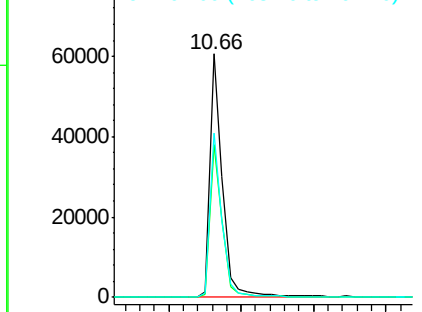
#69
 Pentachlorophenol
 Concen: 74.00 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 72212
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 67.4 50.2 75.2

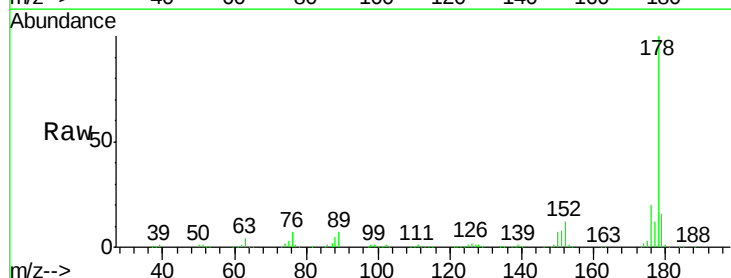


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

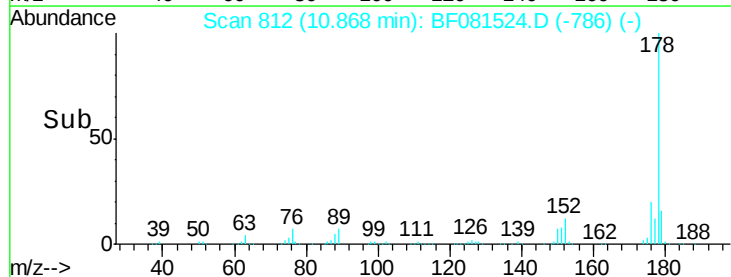
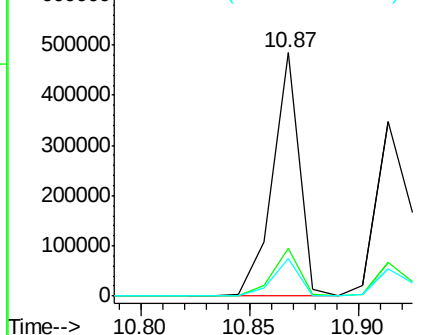


#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:178 Resp: 419858
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 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

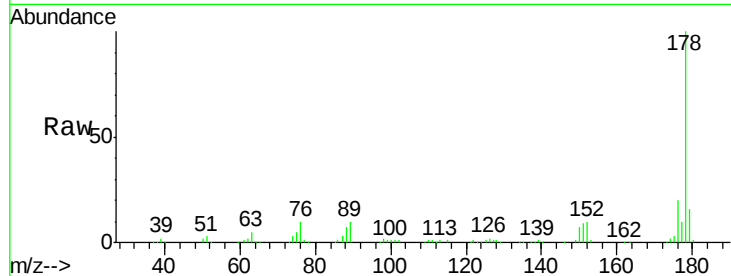




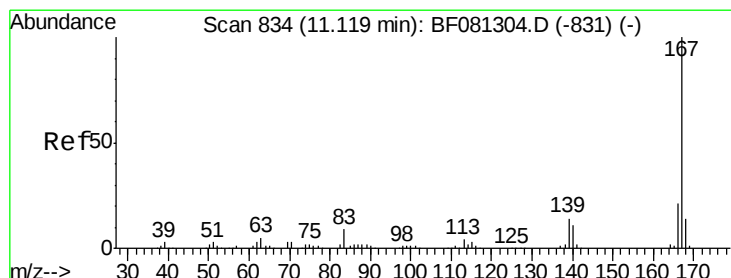
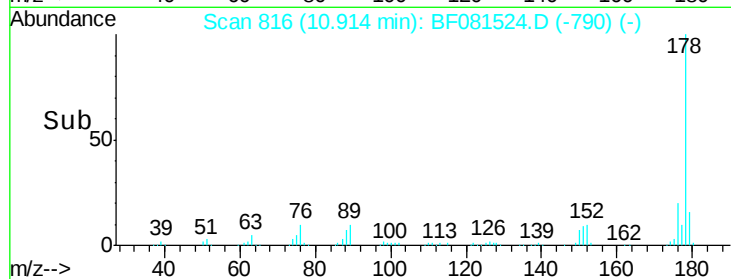
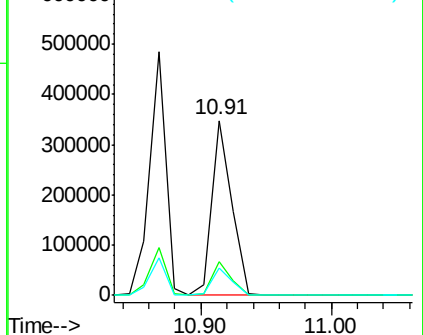
#71
 Anthracene
 Concen: 33.83 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 370087
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 15.7 12.2 18.2

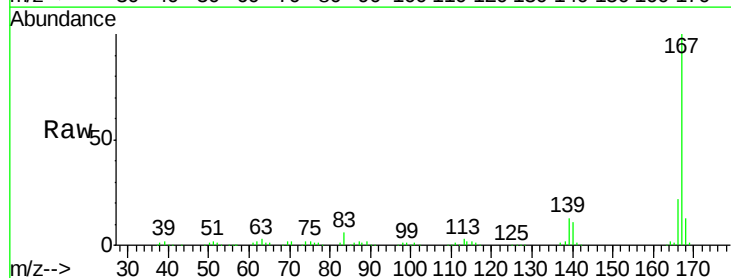


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

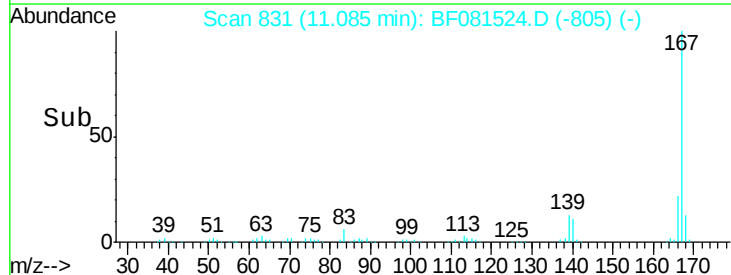
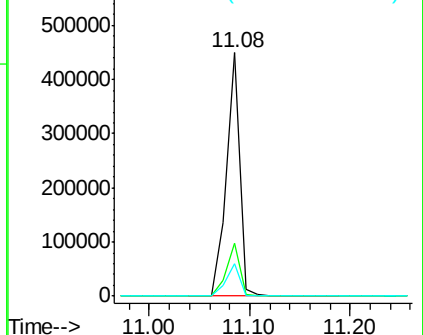


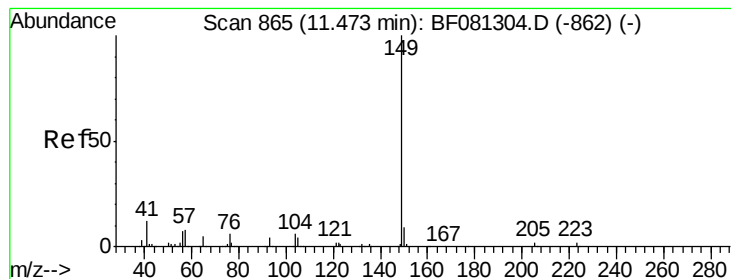
#72
 Carbazole
 Concen: 40.46 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:167 Resp: 415311
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 13.2 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

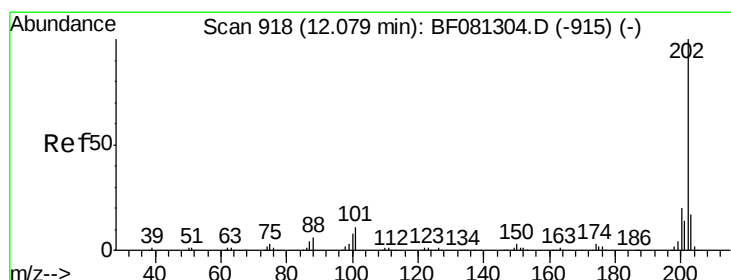
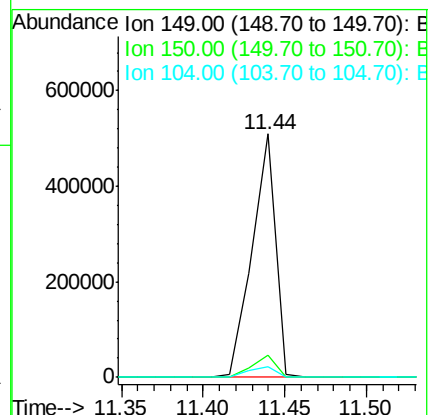
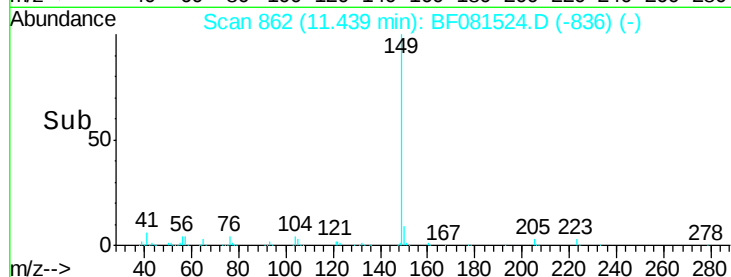
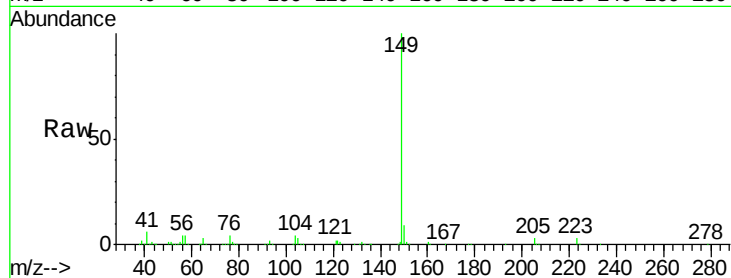
Tot Ion:149 Resp: 507112

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.3 2.4 3.6#



#74

Fluoranthene

Concen: 36.30 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

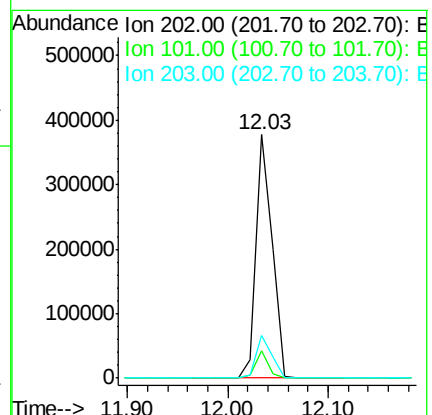
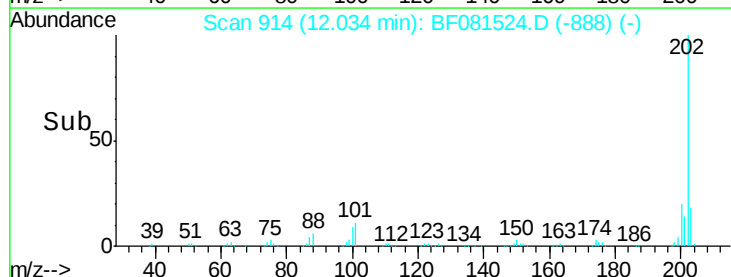
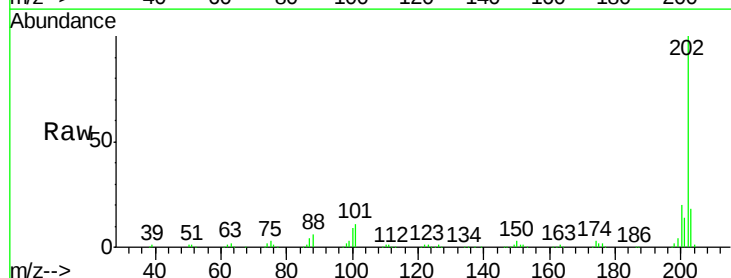
Tgt Ion:202 Resp: 418340

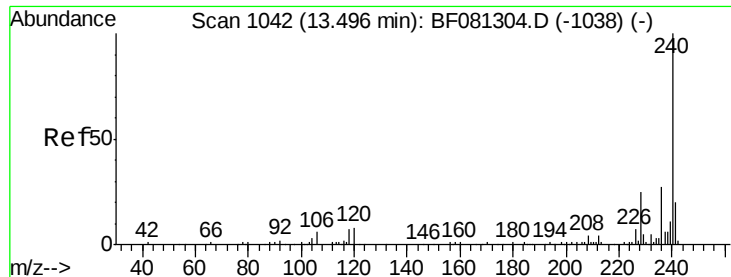
Ion Ratio Lower Upper

202 100

101 11.1 0.0 38.3

203 17.5 0.0 37.3

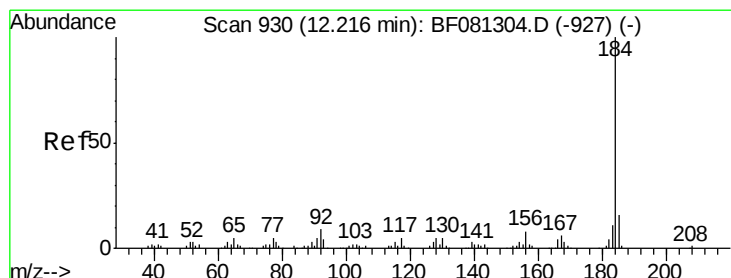
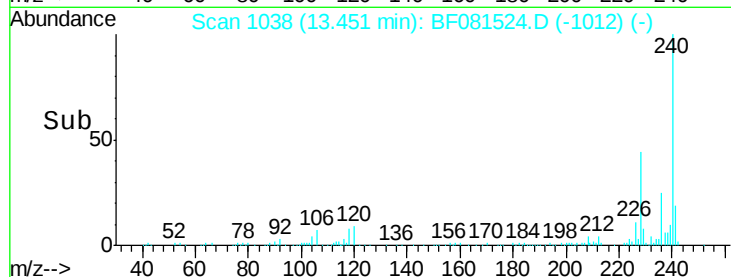
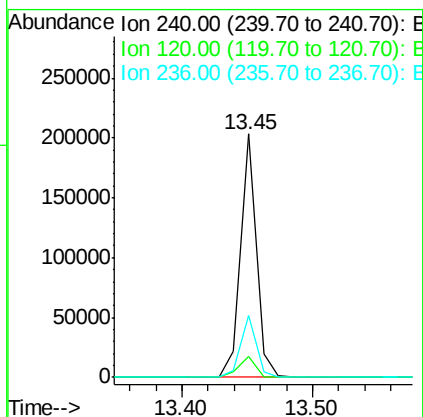
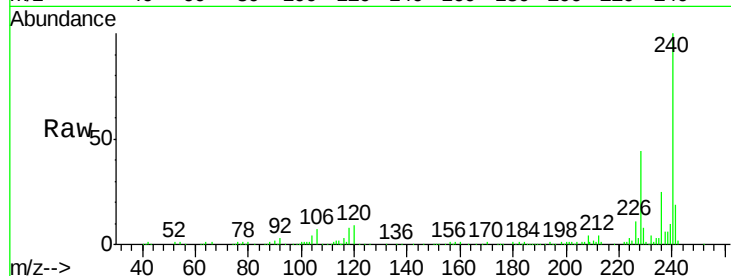




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.45 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

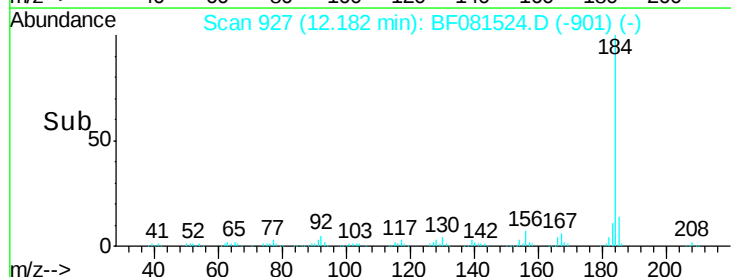
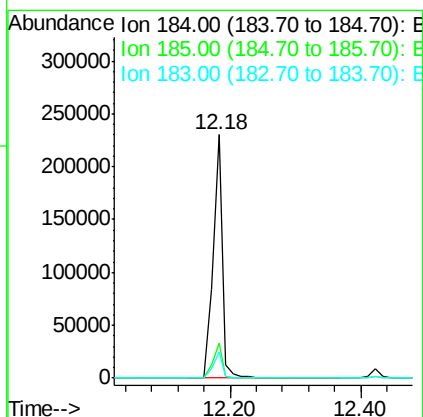
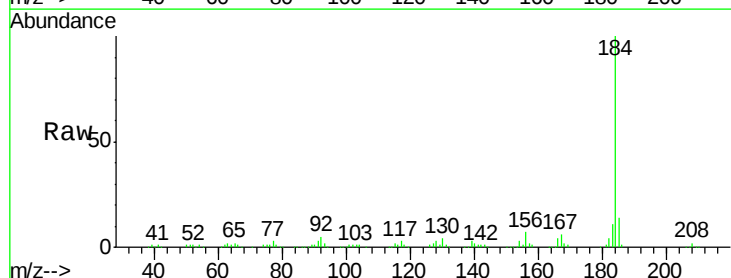
Instrument :
 BNA_F
 ClientSampleId :

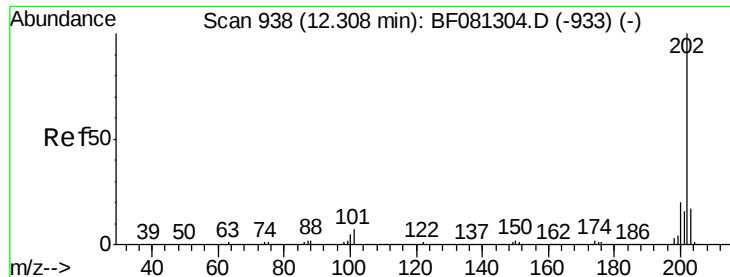
Tot Ion:240 Resp: 170061
 Ion Ratio Lower Upper
 240 100
 120 8.5 16.2 24.2#
 236 25.4 18.4 27.6



#76
 Benzidine
 Concen: 31.79 ng
 RT: 12.18 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:184 Resp: 232071
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.8 17.6
 183 10.8 7.6 11.4

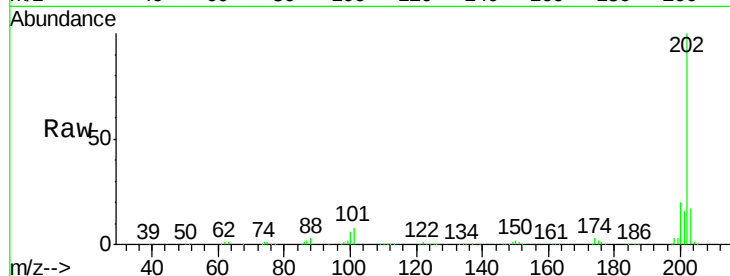




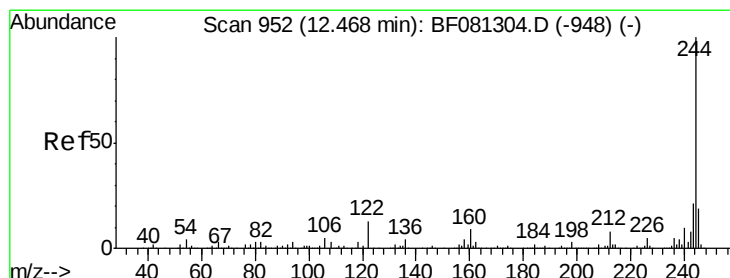
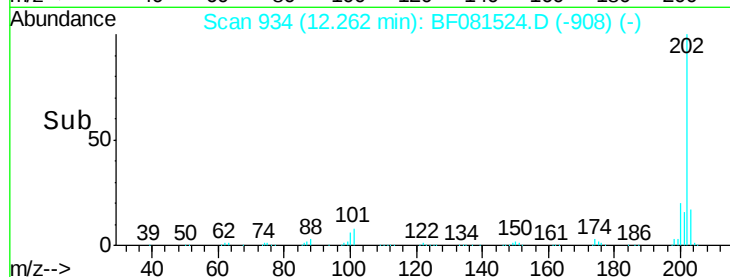
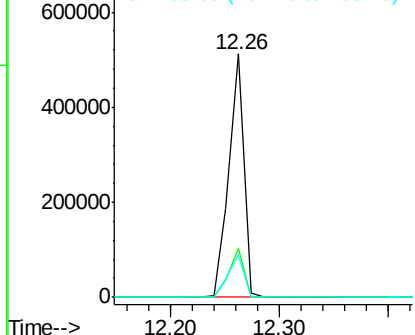
#77
 Pvrene
 Concen: 38.97 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 490902
 Ion Ratio Lower Upper
 202 100
 200 20.1 15.0 22.4
 203 17.3 14.1 21.1

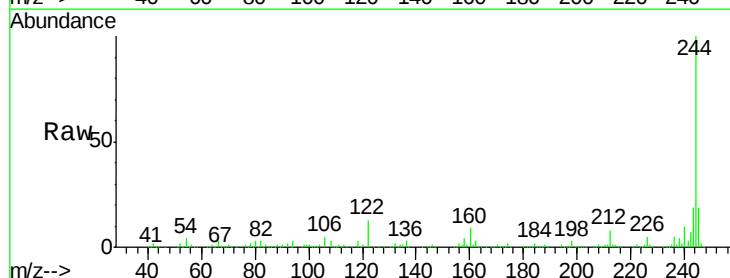


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

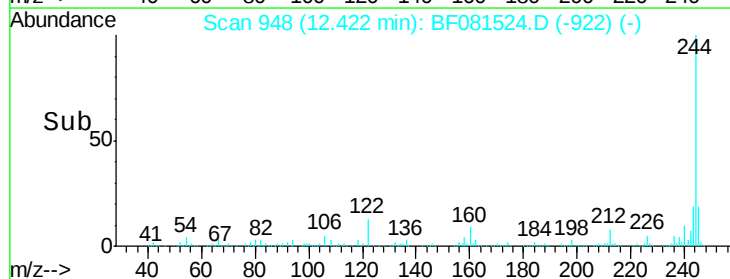
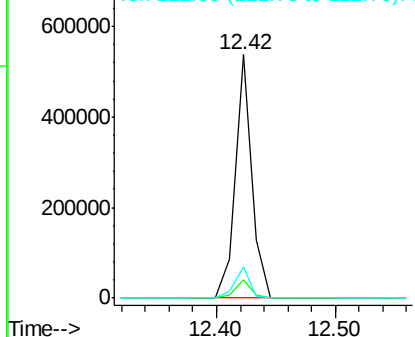


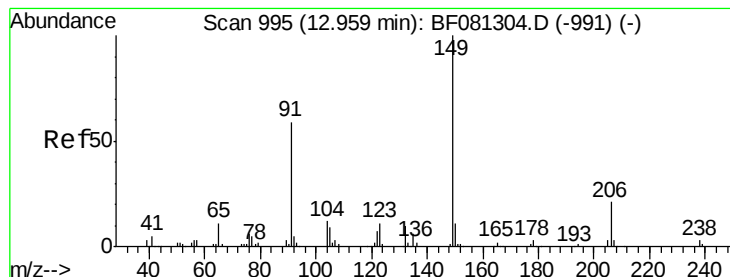
#78
 Terphenyl-d14
 Concen: 71.23 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:244 Resp: 520402
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 12.7 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.33 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

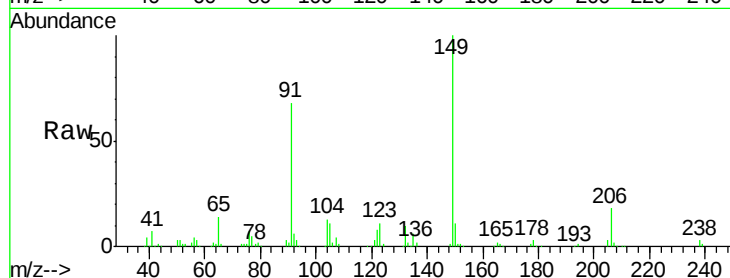
Tot Ion:149 Resp: 209986

Ion Ratio Lower Upper

149 100

91 67.6 48.6 72.8

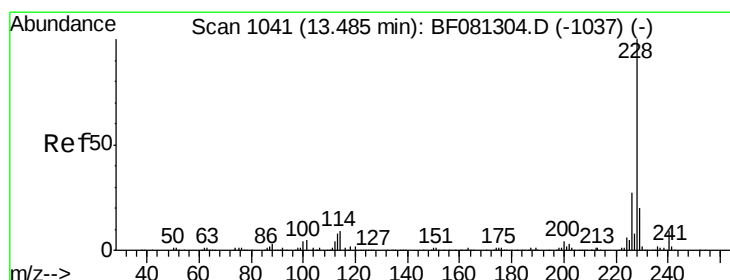
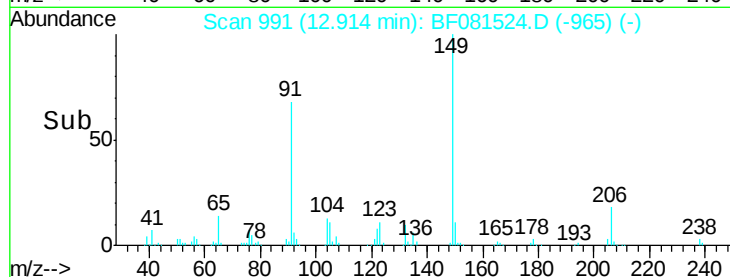
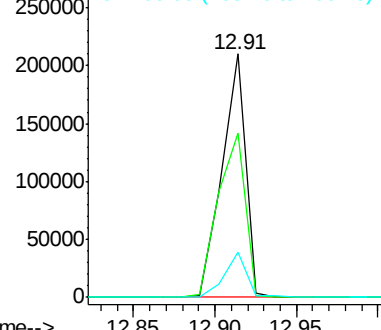
206 18.5 14.9 22.3



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: 36.41 ng

RT: 13.44 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

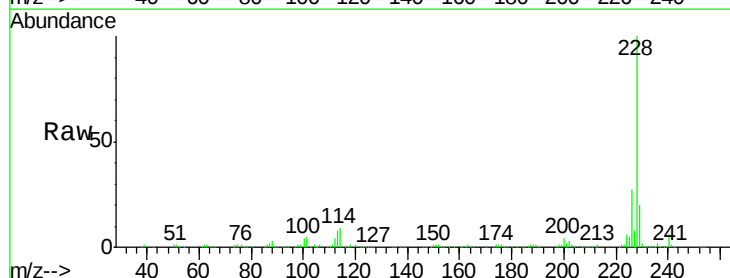
Tgt Ion:228 Resp: 394362

Ion Ratio Lower Upper

228 100

226 27.1 20.0 30.0

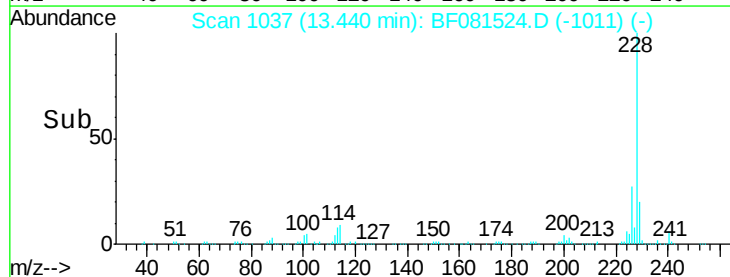
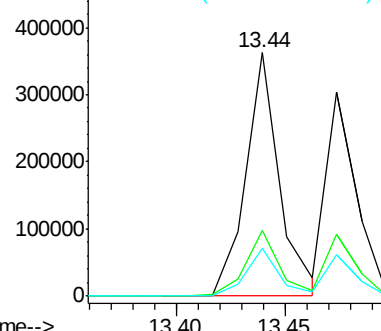
229 19.6 15.4 23.2



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

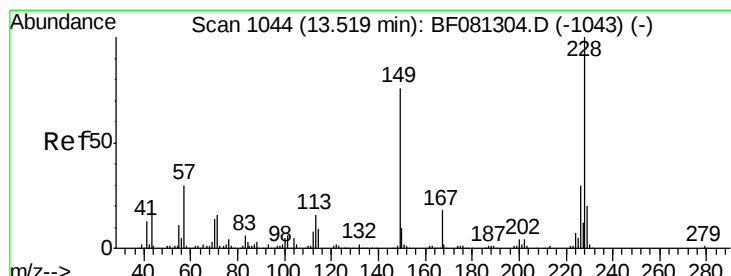
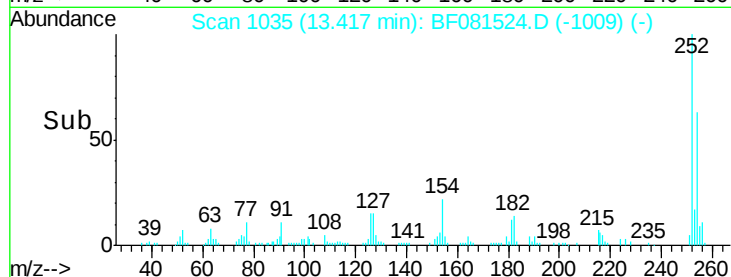
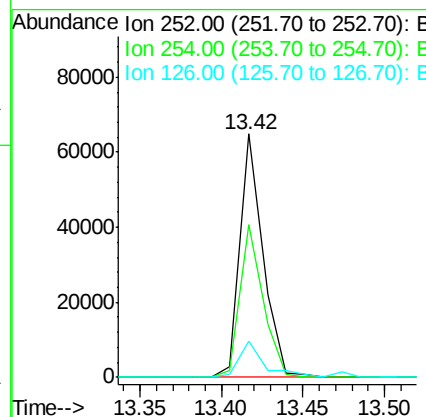
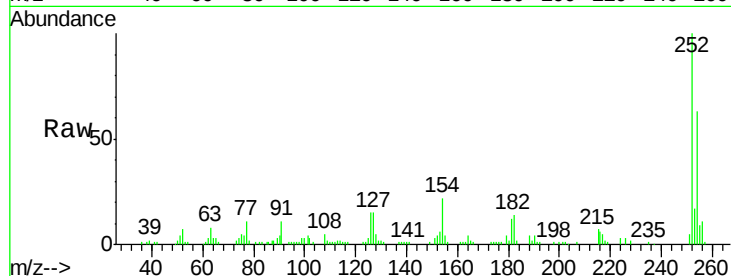




#81
 3,3'-Dichlorobenzidine
 Concen: 17.18 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

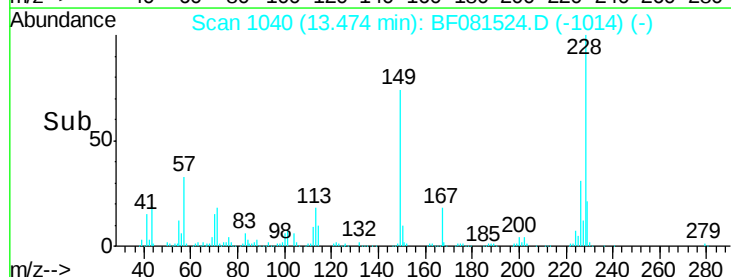
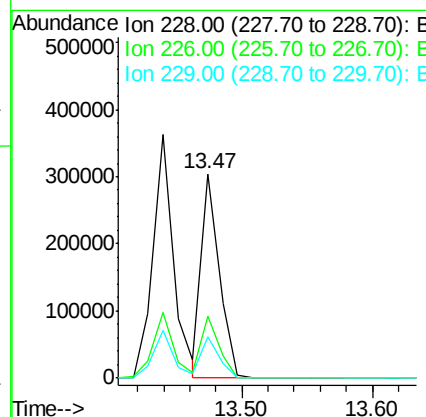
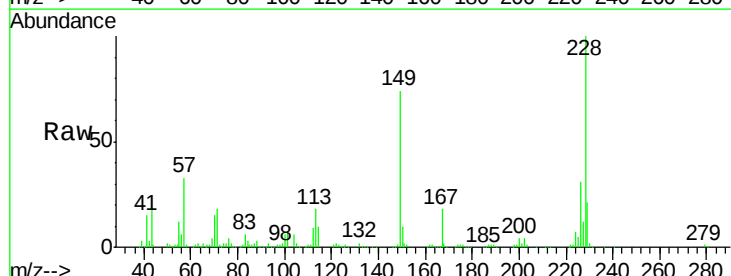
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.4	77.2
126	15.1	16.4	24.6



#82
 Chrysene
 Concen: 29.87 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.0	31.4
229	20.6	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.40 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

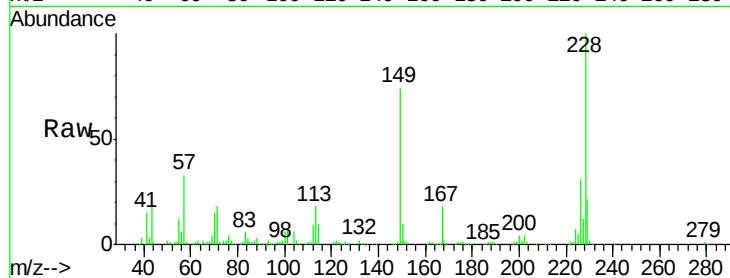
Tot Ion:149 Resp: 263142

Ion Ratio Lower Upper

149 100

167 23.7 24.2 36.2#

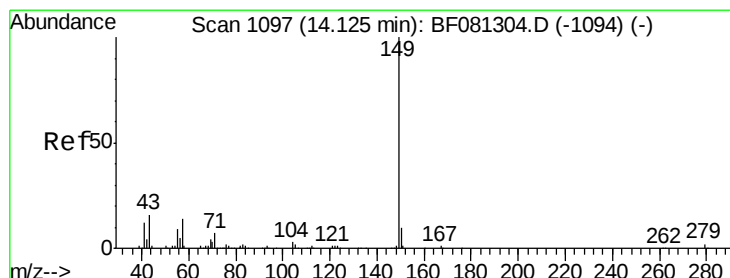
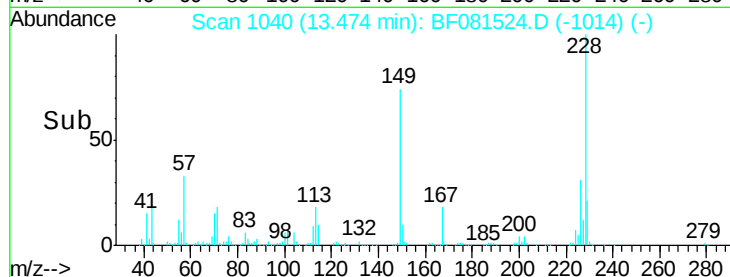
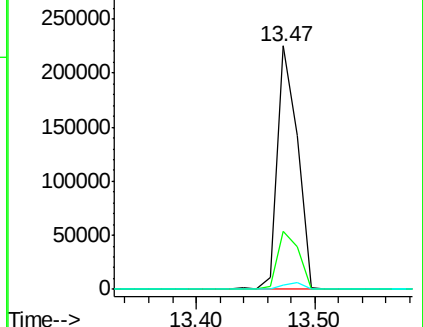
279 1.7 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 33.02 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

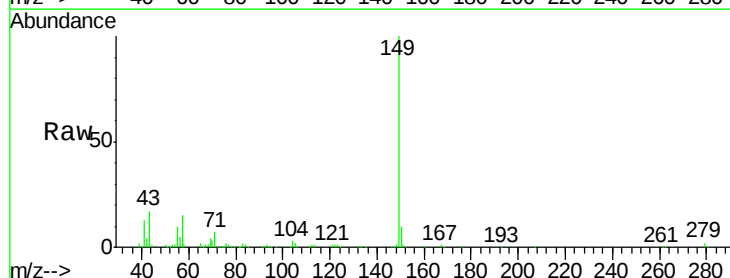
Tgt Ion:149 Resp: 393090

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

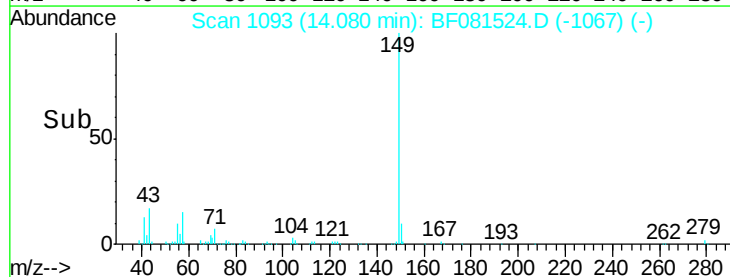
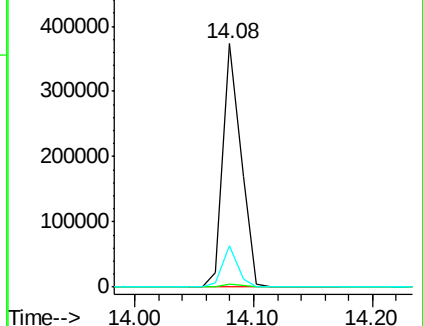
43 15.2 10.2 15.2

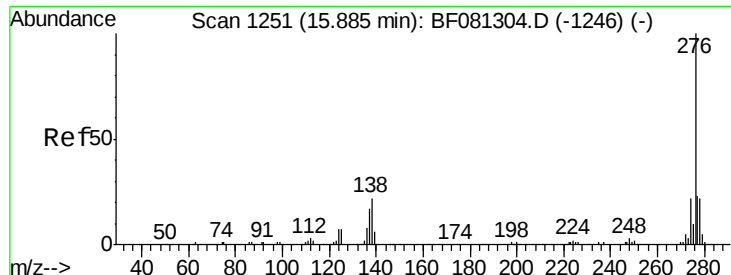


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

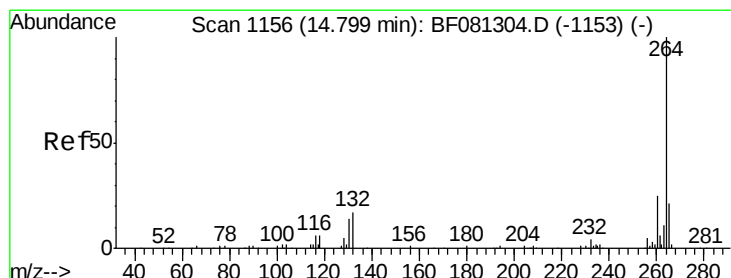
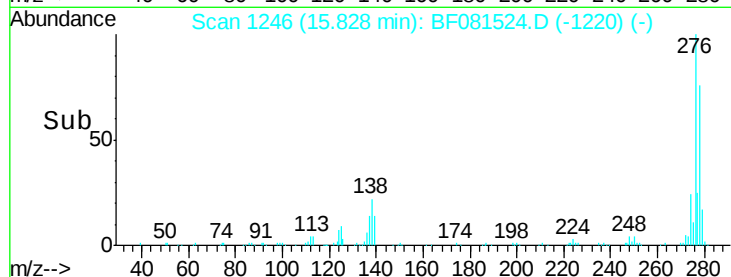
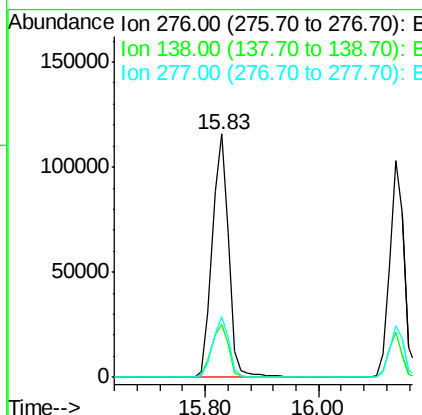
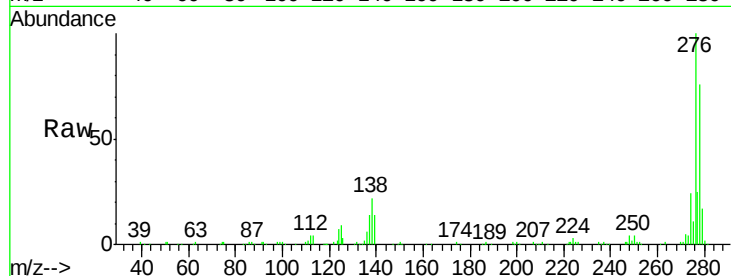




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.99 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

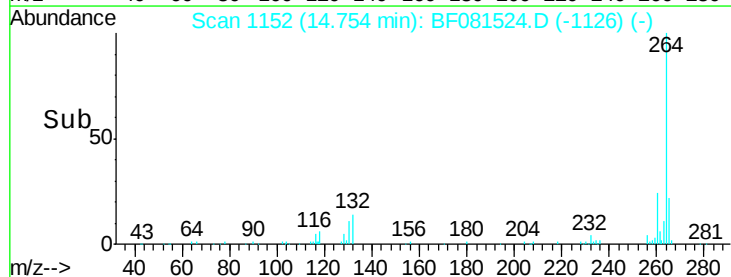
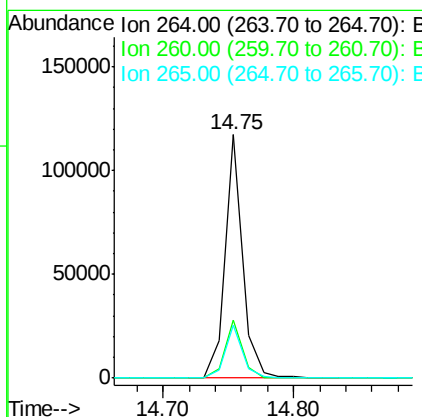
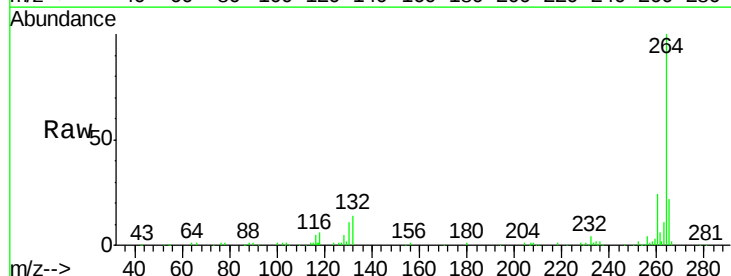
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 227850
 Ion Ratio Lower Upper
 276 100
 138 22.4 25.7 38.5#
 277 24.8 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: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:264 Resp: 110313
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 76.07 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.02 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

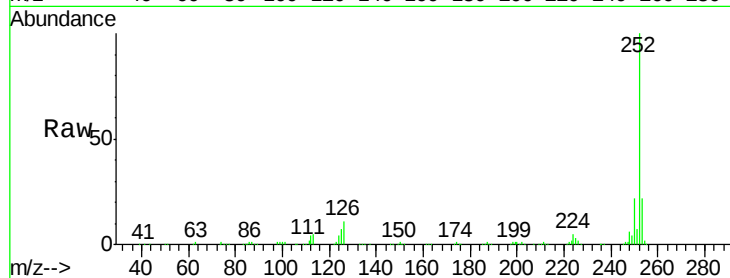
Tot Ion:252 Resp: 599094

Ion Ratio Lower Upper

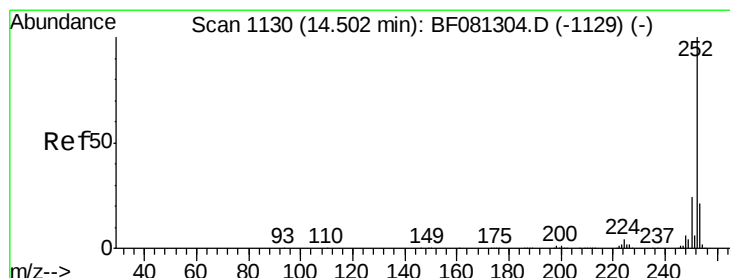
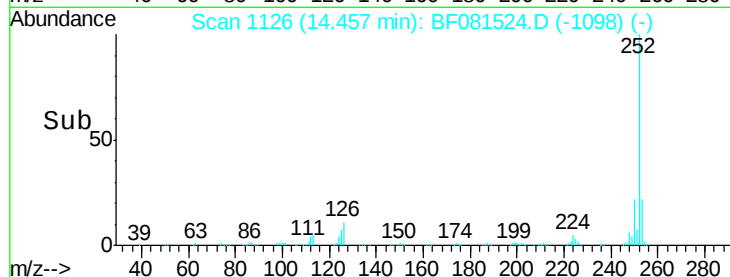
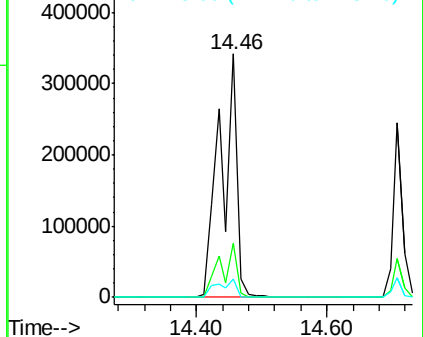
252 100

253 22.1 17.5 26.3

125 7.5 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: 91.68 ng

RT: 14.46 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

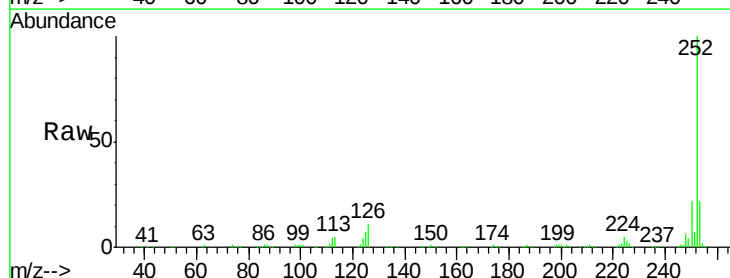
Tgt Ion:252 Resp: 599094

Ion Ratio Lower Upper

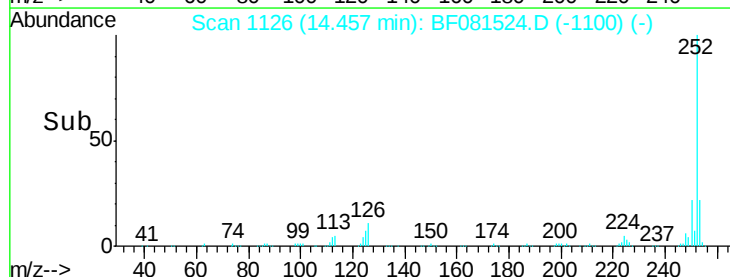
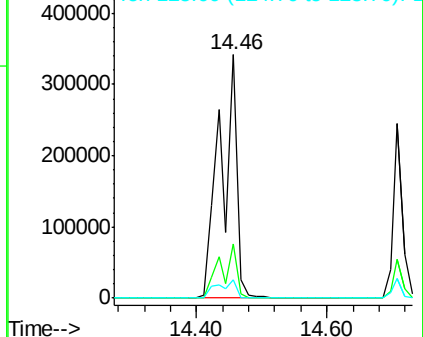
252 100

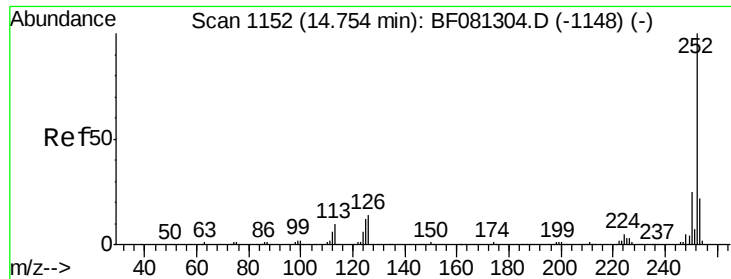
253 22.1 17.0 25.4

125 7.5 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

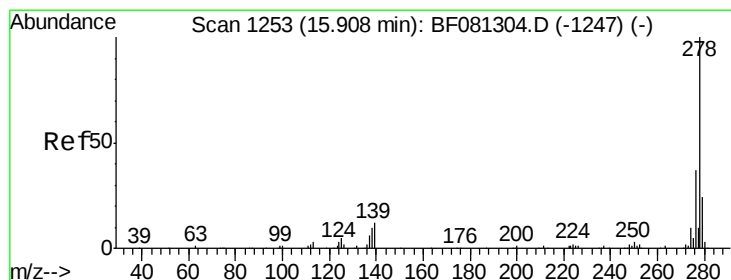
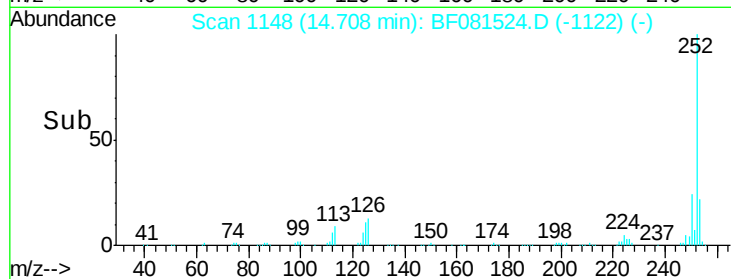
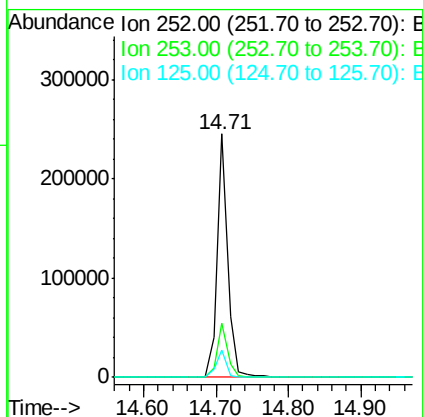
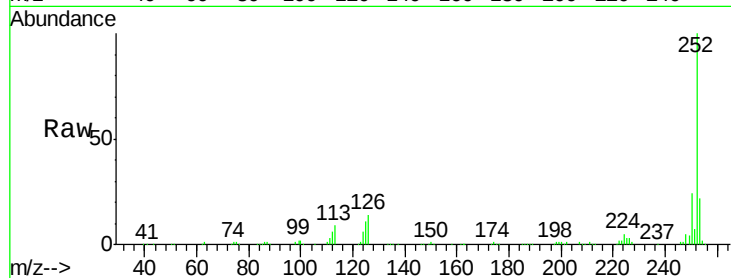




#89
Benzo(a)pyrene
Concen: 37.32 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

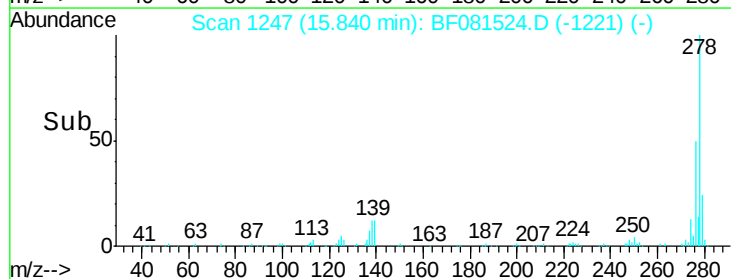
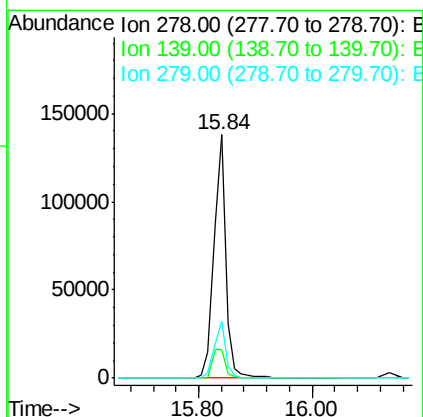
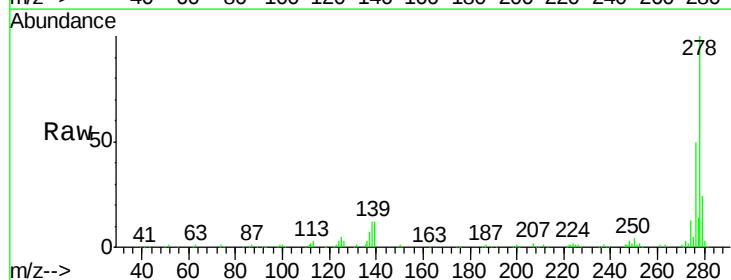
Instrument :
BNA_F
ClientSampleId :

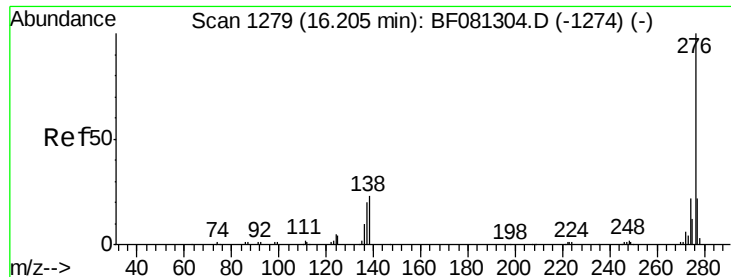
Tot Ion:252 Resp: 249074
Ion Ratio Lower Upper
252 100
253 22.2 17.2 25.8
125 11.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.33 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion:278 Resp: 197679
Ion Ratio Lower Upper
278 100
139 11.8 26.3 39.5#
279 23.5 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.08 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	187405
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.8	26.6
138	20.8	34.6	51.8

