

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081543.D
 Acq On : 9 Sep 2015 3:39
 Operator : UM/IZ
 Sample : G3585-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 09 04:36:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	47827	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	191180	20.00	ng	0.00
38) Acenaphthene-d10	9.38	164	81941	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	133354	20.00	ng	0.00
75) Chrysene-d12	13.45	240	101717	20.00	ng	0.00
86) Perylene-d12	14.75	264	92155	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.89	112	291588	94.59	ng	0.01
7) Phenol-d6	6.02	99	578935	141.88	ng	0.00
23) Nitrobenzene-d5	6.94	82	376170	94.93	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	42068	57.66	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	521814	81.61	ng	0.00
78) Terphenyl-d14	12.42	244	365876	83.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.70	88	54152	39.11	ng	# 76
3) Pyridine	2.24	79	170814	44.74	ng	# 86
4) n-Nitrosodimethylamine	2.22	42	113395	53.47	ng	# 71
6) Aniline	6.01	93	173415	30.10	ng	# 80
8) 2-Chlorophenol	6.14	128	126406	37.21	ng	# 89
9) Benzaldehyde	5.88	77	103604	40.52	ng	# 83
10) Phenol	6.04	94	205308	43.39	ng	# 73
11) bis(2-Chloroethyl)ether	6.10	93	160891	47.13	ng	# 86
12) 1,3-Dichlorobenzene	6.28	146	169637	46.74	ng	# 92
13) 1,4-Dichlorobenzene	6.36	146	167324	45.28	ng	# 89
14) 1,2-Dichlorobenzene	6.52	146	141698	42.59	ng	# 96
15) Benzyl Alcohol	6.52	79	173049	51.70	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	6.66	45	338715	51.76	ng	# 73
17) 2-Methylphenol	6.65	107	128689	47.48	ng	# 74
18) Hexachloroethane	6.86	117	58747	40.86	ng	# 90
19) n-Nitroso-di-n-propylamine	6.80	70	140060	50.43	ng	# 87
20) 3+4-Methylphenols	6.81	107	167985	45.97	ng	# 87
22) Acetophenone	6.78	105	238651	45.70	ng	# 73
24) Nitrobenzene	6.95	77	181123	44.02	ng	# 61
25) Isophorone	7.20	82	343900	46.66	ng	# 89
26) 2-Nitrophenol	7.27	139	33563	18.71	ng	# 55
27) 2,4-Dimethylphenol	7.34	122	157485	50.84	ng	# 78
28) bis(2-Chloroethoxy)methane	7.43	93	212516	49.92	ng	# 93
29) 2,4-Dichlorophenol	7.52	162	82968	30.89	ng	# 90
30) 1,2,4-Trichlorobenzene	7.59	180	129518	44.38	ng	# 97
31) Naphthalene	7.67	128	1225147	120.16	ng	# 97
32) Benzoic acid	7.34	122	157485	69.98	ng	# 31
33) 4-Chloroaniline	7.72	127	105598	25.39	ng	# 80
34) Hexachlorobutadiene	7.79	225	77634	43.71	ng	# 98
35) Caprolactam	8.09	113	35156	42.67	ng	# 25
36) 4-Chloro-3-methylphenol	8.24	107	140952	46.88	ng	# 75
37) 2-Methylnaphthalene	8.35	142	322303	48.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	113257	43.70	ng	# 100
40) Hexachlorocyclopentadiene	8.50	237	9728	7.65	ng	# 95

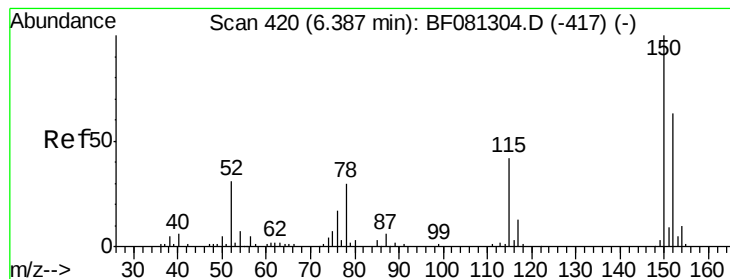
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	24683	13.80	nq	97
43) 2,4,5-Trichlorophenol	8.68	196	35359	19.38	nq	# 75
45) 1,1'-Biphenyl	8.82	154	354580	47.04	nq	95
46) 2-Chloronaphthalene	8.83	162	260261	47.81	nq	# 90
47) 2-Nitroaniline	8.95	65	122415	55.17	nq	# 67
48) Acenaphthylene	9.24	152	416993	43.17	nq	97
49) Dimethylphthalate	9.14	163	520183	81.71	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	64937	44.94	nq	# 90
51) Acenaphthene	9.42	154	249675	45.44	nq	90
52) 3-Nitroaniline	9.36	138	70406	42.80	nq	# 69
54) Dibenzofuran	9.59	168	357795	44.60	nq	93
55) 4-Nitrophenol	9.58	139	159274	154.12	nq	# 32
56) 2,4-Dinitrotoluene	9.59	165	72253	39.27	nq	# 30
57) Fluorene	9.92	166	266438	43.76	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	15591	11.19	nq	# 76
59) Diethylphthalate	9.83	149	351251	52.45	nq	97
60) 4-Chlorophenyl-phenylether	9.93	204	129967	45.80	nq	93
61) 4-Nitroaniline	9.96	138	69921	42.07	nq	# 45
62) Azobenzene	10.08	77	328331	44.10	nq	82
65) n-Nitrosodiphenylamine	10.04	169	224585	46.28	nq	91
66) 4-Bromophenyl-phenylether	10.41	248	71432	52.98	nq	# 90
67) Hexachlorobenzene	10.46	284	66074	46.87	nq	# 62
68) Atrazine	10.58	200	65639	46.74	nq	83
69) Pentachlorophenol	10.66	266	9035	20.47	nq	94
70) Phenanthrene	10.87	178	360733	48.66	nq	97
71) Anthracene	10.91	178	312695	41.05	nq	98
72) Carbazole	11.08	167	339662	47.52	nq	97
73) Di-n-butylphthalate	11.44	149	446208	52.87	nq	# 98
74) Fluoranthene	12.03	202	285996	35.63	nq	90
76) Benzidine	12.18	184	181426	41.55	nq	99
77) Pyrene	12.26	202	316947	42.07	nq	97
79) Butylbenzylphthalate	12.91	149	148637	45.36	nq	99
80) Benzo(a)anthracene	13.44	228	285883	44.13	nq	96
81) 3,3'-Dichlorobenzidine	13.42	252	79179	36.24	nq	# 95
82) Chrysene	13.47	228	224189	38.61	nq	96
83) Bis(2-ethylhexyl)phthalate	13.47	149	199731	46.19	nq	# 89
84) Di-n-octyl phthalate	14.08	149	342752	48.14	nq	# 94
85) Indeno(1,2,3-cd)pyrene	15.83	276	225681	52.97	nq	# 85
87) Benzo(b)fluoranthene	14.46	252	525624	79.89	nq	# 86
88) Benzo(k)fluoranthene	14.46	252	525624	96.28	nq	# 87
89) Benzo(a)pyrene	14.71	252	240238	43.09	nq	# 87
90) Dibenzo(a,h)anthracene	15.84	278	194670	45.19	nq	# 81
91) Benzo(g,h,i)perylene	16.15	276	170168	41.39	nq	# 73

(#) = 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. -0.01 min

Lab File: BF081543.D

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Instrument :

BNA_F

ClientSampleId :

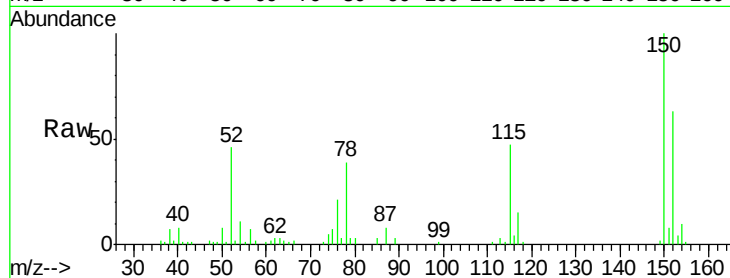
Tot Ion:152 Resp: 47827

Ion Ratio Lower Upper

152 100

150 158.9 124.7 187.1

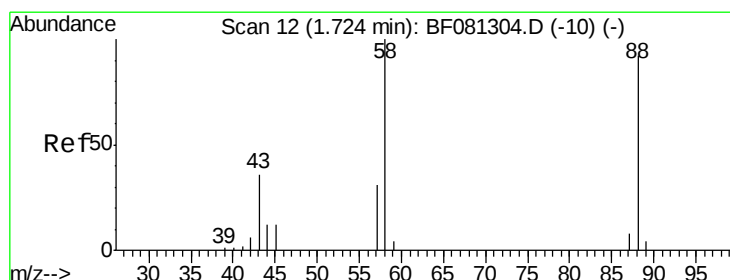
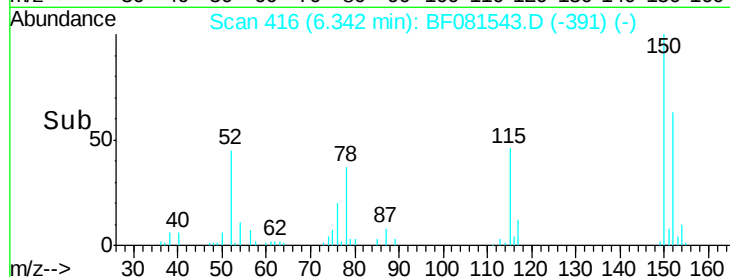
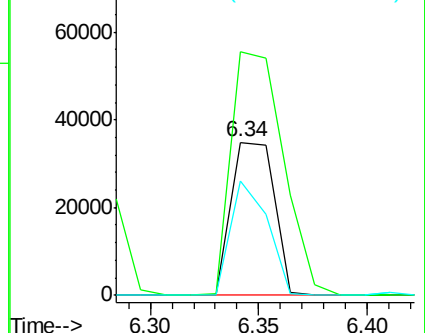
115 75.0 39.0 58.4#



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: 39.11 ng

RT: 1.70 min Scan# 10

Delta R.T. 0.03 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

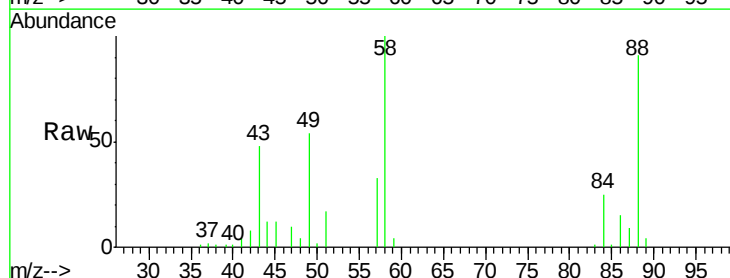
Tgt Ion: 88 Resp: 54152

Ion Ratio Lower Upper

88 100

58 109.7 77.7 116.5

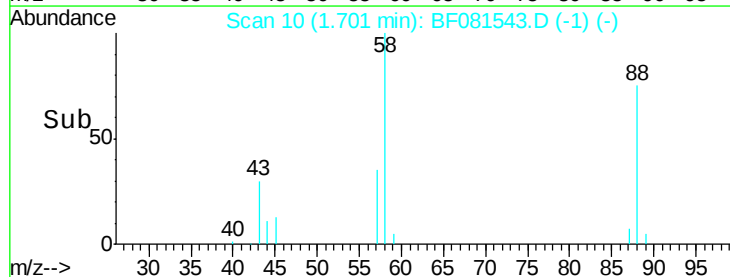
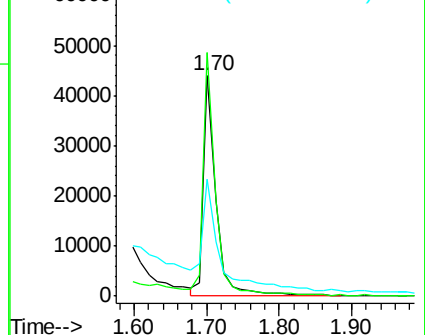
43 65.8 26.6 40.0#

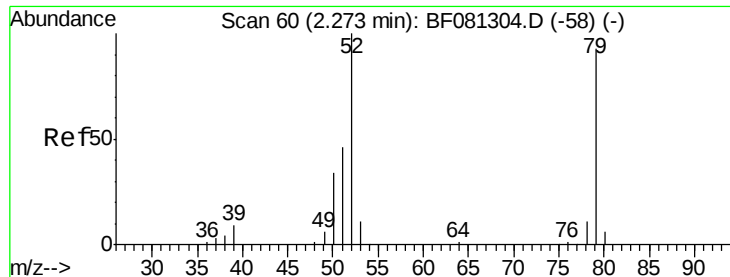


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

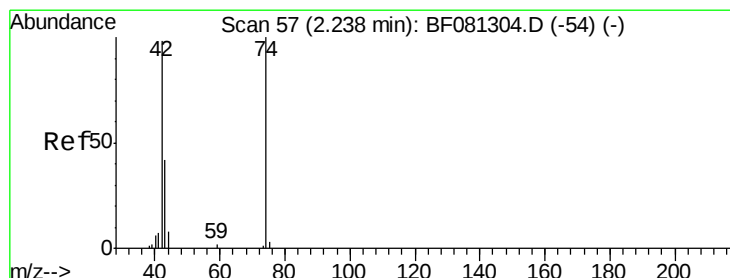
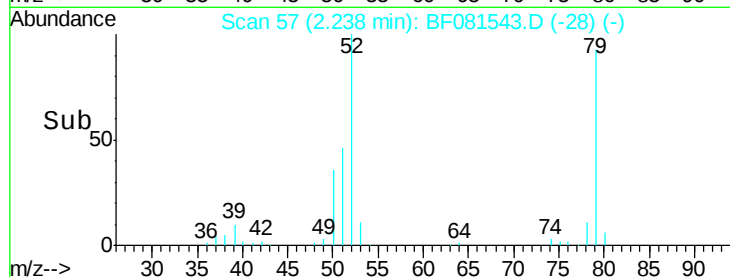
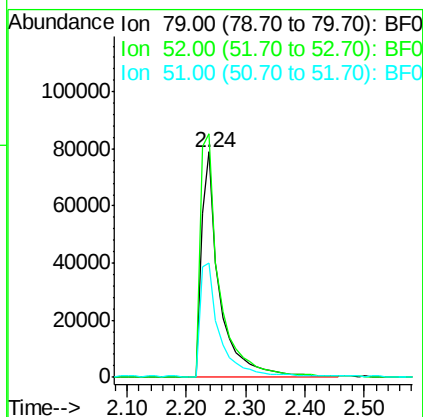
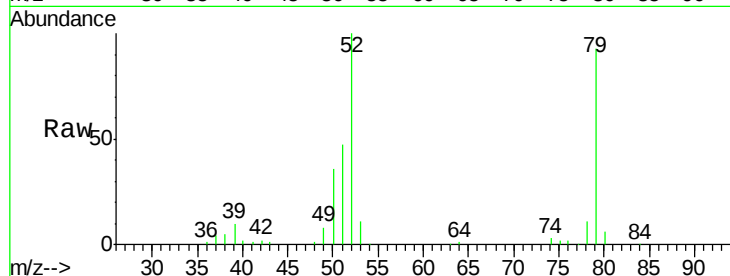




#3
 Pvridine
 Concen: 44.74 ng
 RT: 2.24 min Scan# 57
 Delta R.T. 0.03 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

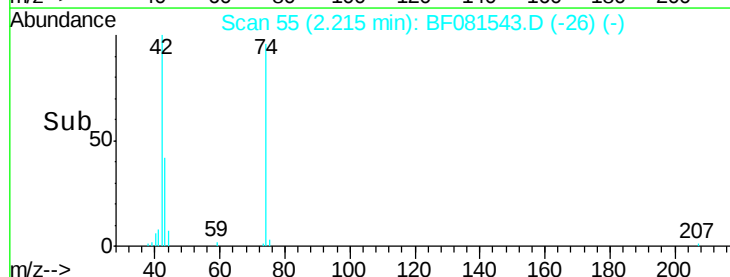
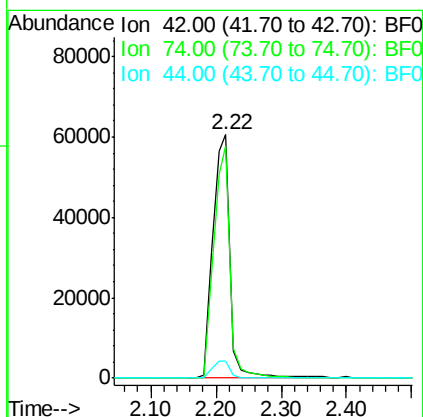
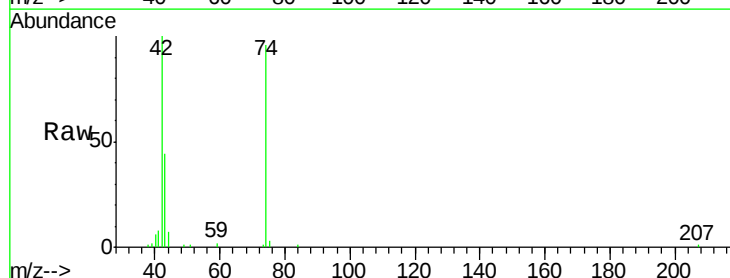
Instrument :
 BNA_F
 ClientSampleId :

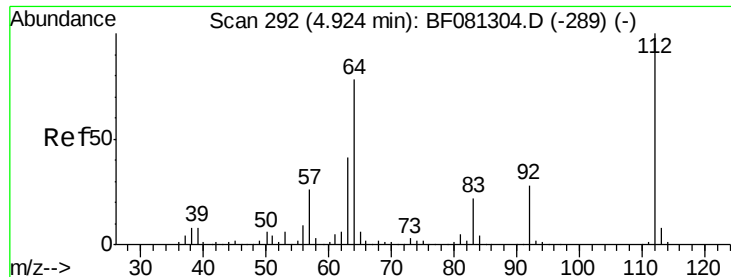
Tot Ion: 79 Resp: 170814
 Ion Ratio Lower Upper
 79 100
 52 108.0 76.8 115.2
 51 50.7 32.2 48.4#



#4
 n-Nitrosodimethylamine
 Concen: 53.47 ng
 RT: 2.22 min Scan# 55
 Delta R.T. 0.03 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion: 42 Resp: 113395
 Ion Ratio Lower Upper
 42 100
 74 95.5 105.0 157.6#
 44 7.2 6.6 10.0





#5

2-Fluorophenol

Concen: 94.59 ng

RT: 4.89 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampled :

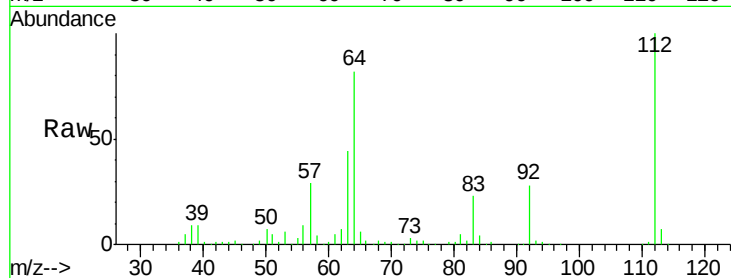
Tot Ion:112 Resp: 291588

Ion Ratio Lower Upper

112 100

64 82.4 39.7 59.5#

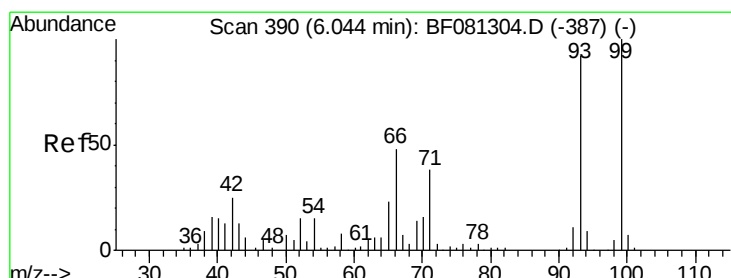
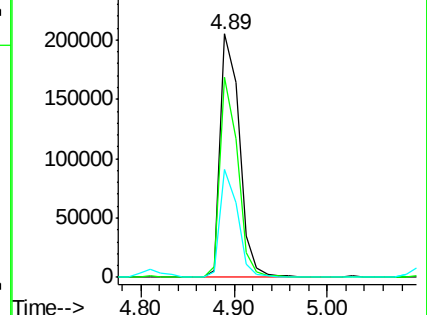
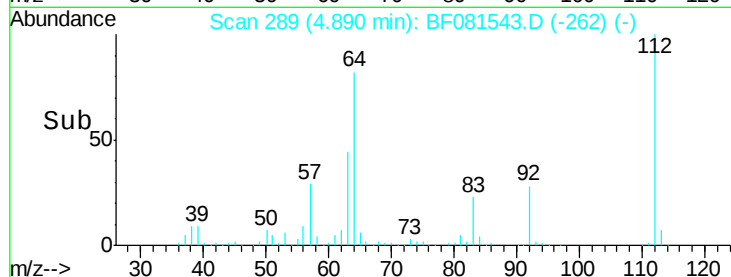
63 44.5 17.4 26.0#



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: 30.10 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

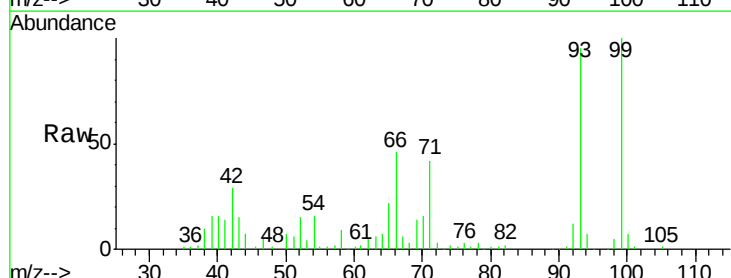
Tgt Ion: 93 Resp: 173415

Ion Ratio Lower Upper

93 100

66 48.8 27.2 40.8#

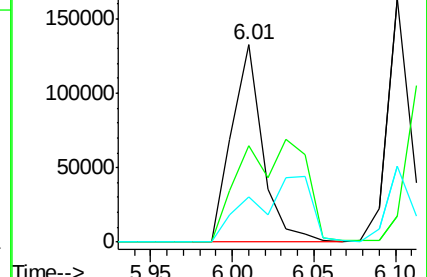
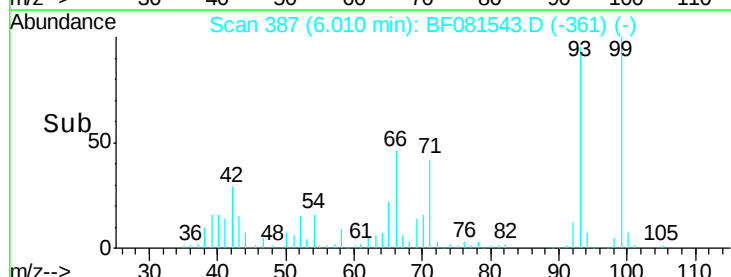
65 23.0 14.7 22.1#

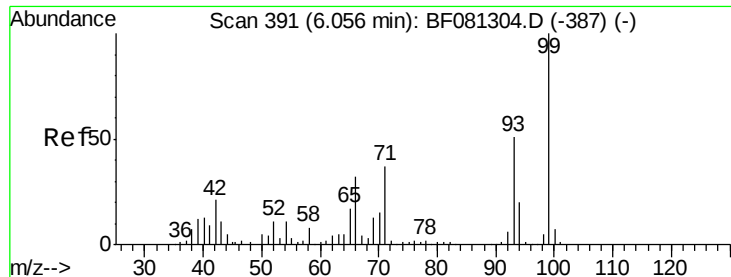


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.88 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampled :

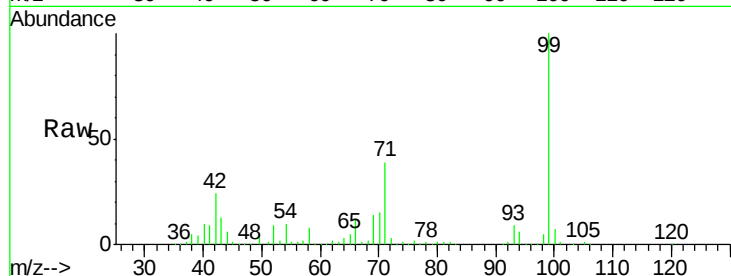
Tot Ion: 99 Resp: 578935

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

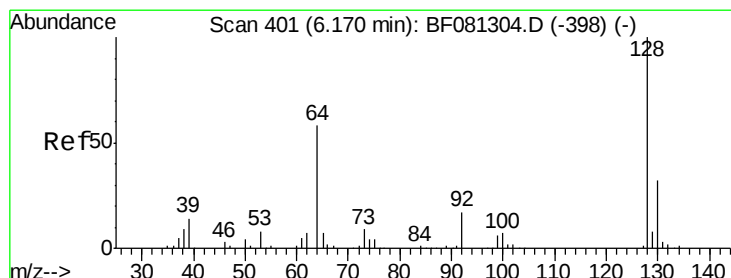
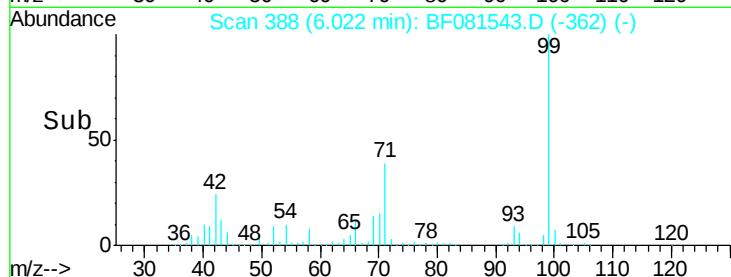
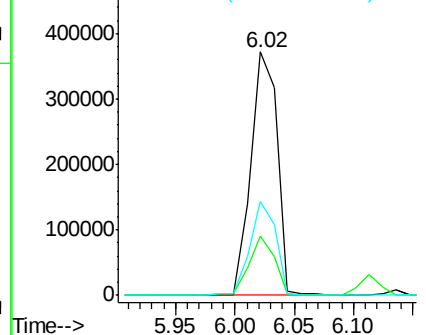
71 38.7 14.2 21.2#



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: 37.21 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

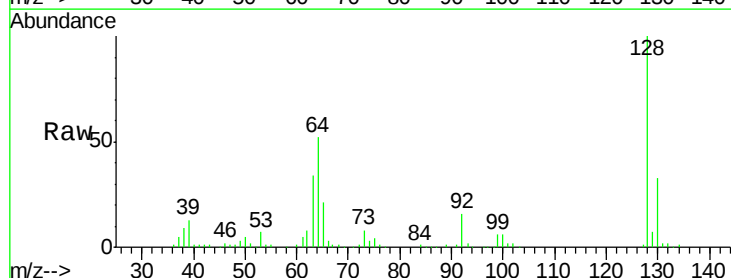
Tgt Ion: 128 Resp: 126406

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

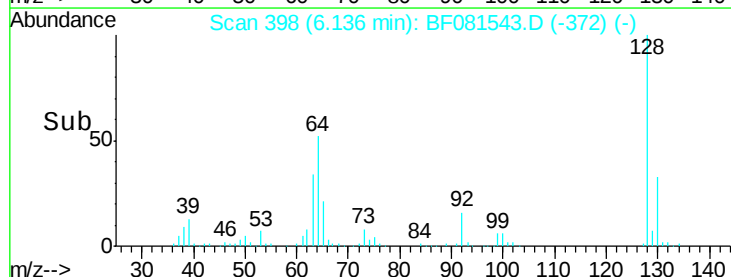
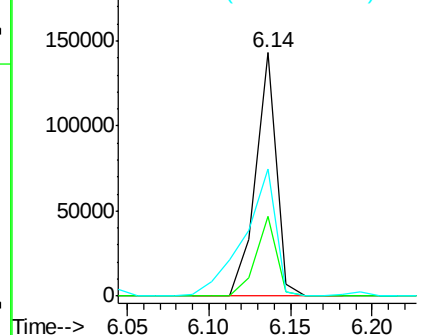
64 52.0 20.5 60.5

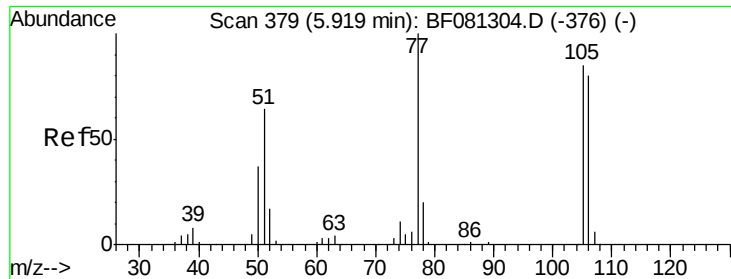


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

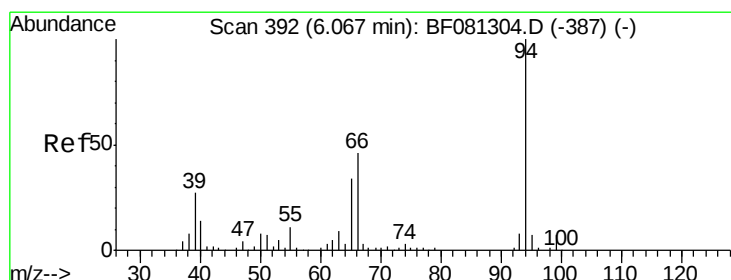
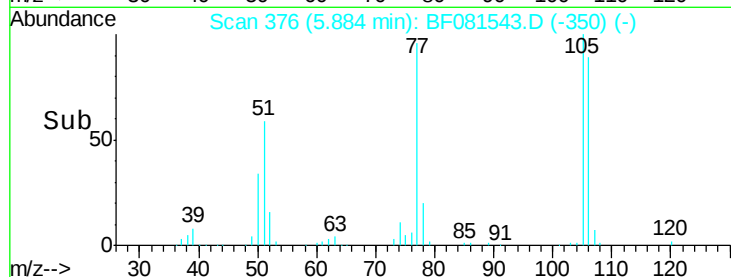
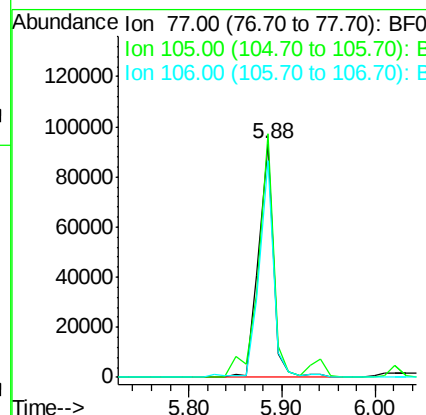
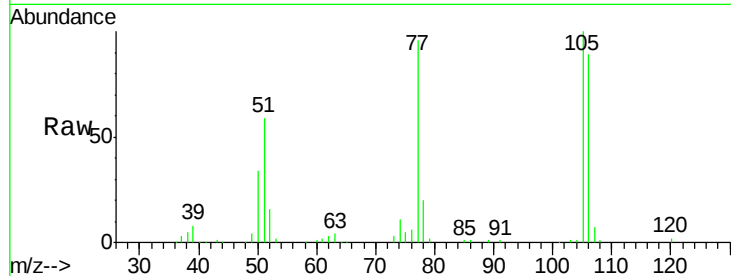




#9
Benzaldehyde
Concen: 40.52 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

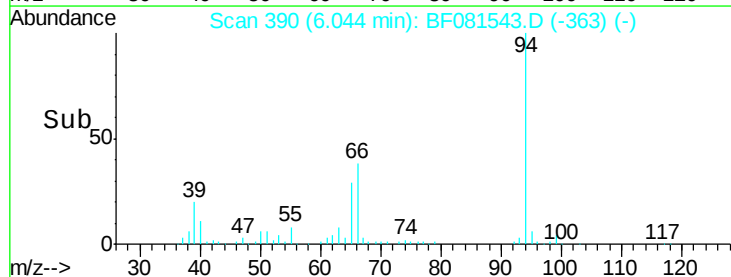
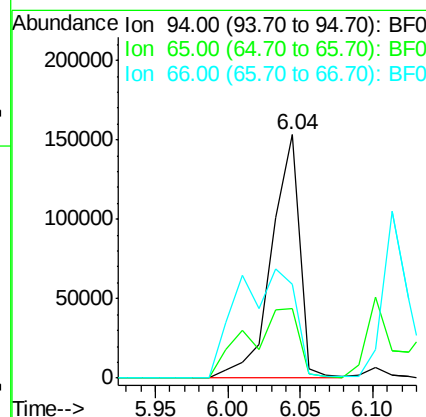
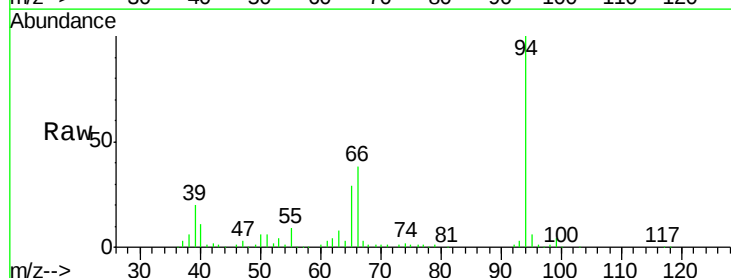
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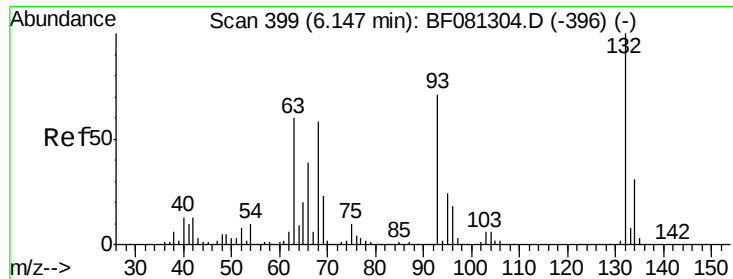
Tot Ion: 77 Resp: 103604
Ion Ratio Lower Upper
77 100
105 104.1 91.6 131.6
106 92.9 102.6 142.6#



#10
Phenol
Concen: 43.39 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion: 94 Resp: 205308
Ion Ratio Lower Upper
94 100
65 28.7 0.7 40.7
66 38.3 0.8 40.8

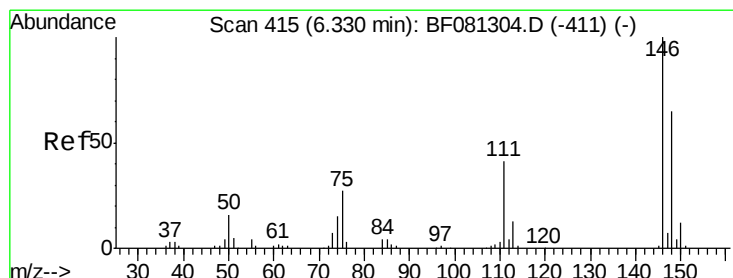
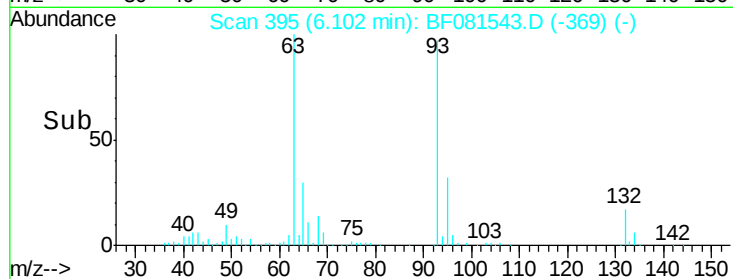
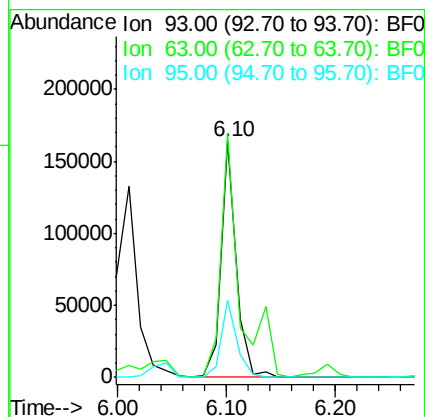
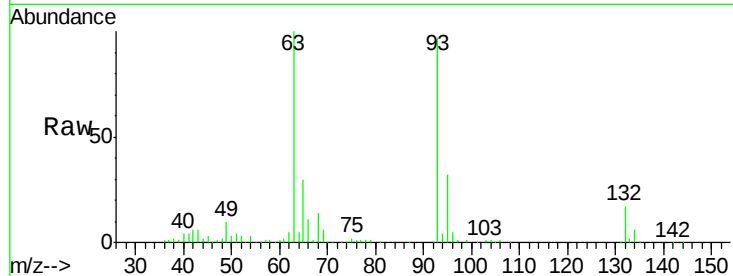




#11
bis(2-Chloroethyl)ether
Concen: 47.13 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

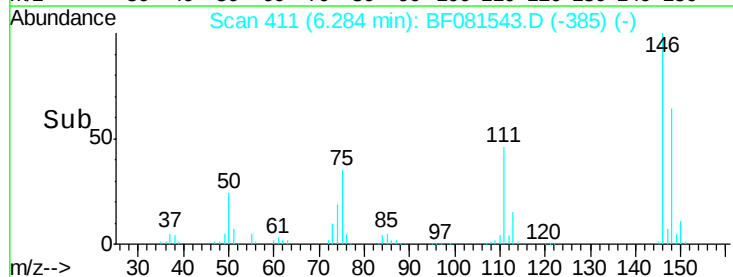
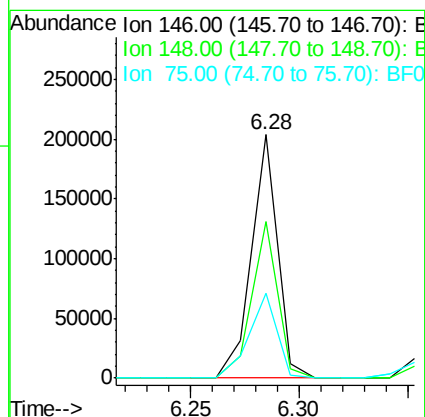
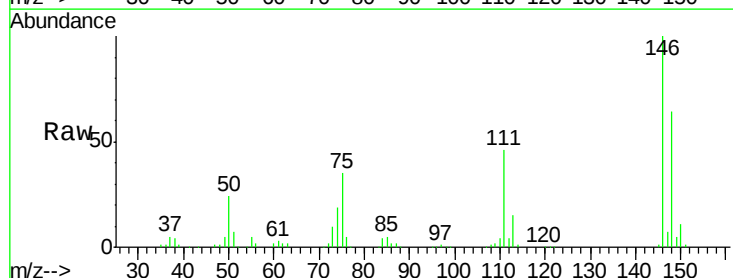
Instrument :
BNA_F
ClientSampleId :

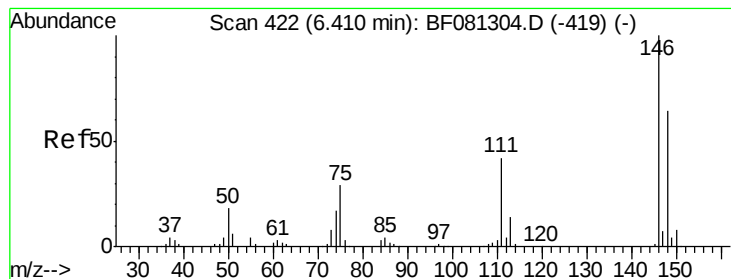
Tot Ion: 93 Resp: 160891
Ion Ratio Lower Upper
93 100
63 103.4 65.6 105.6
95 33.0 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 46.74 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion: 146 Resp: 169637
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
75 34.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 45.28 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

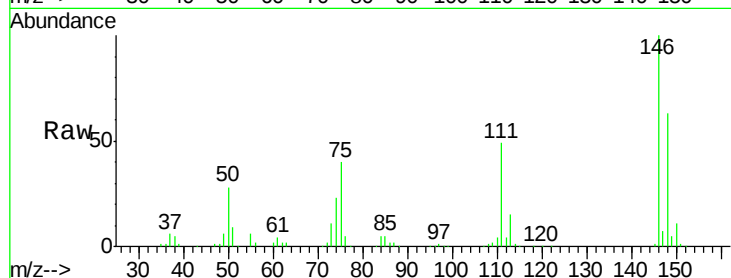
Tot Ion:146 Resp: 167324

Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

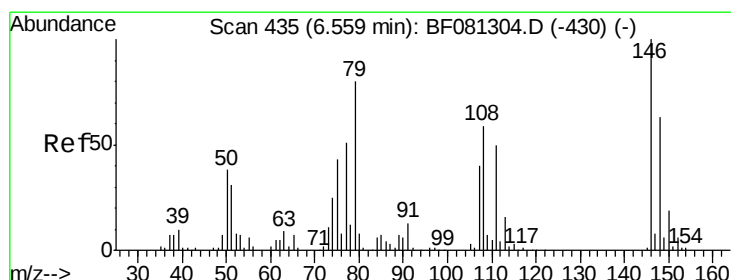
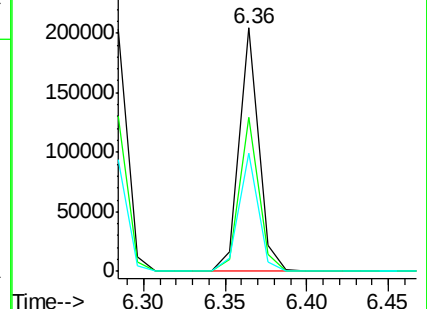
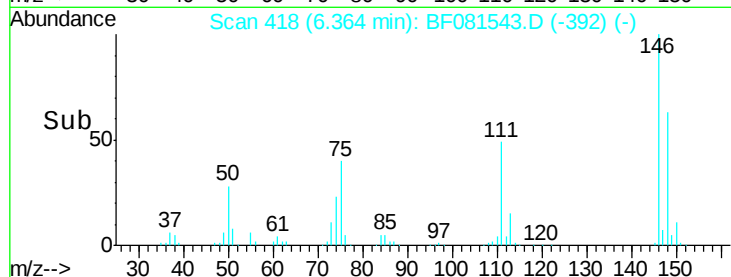
111 48.7 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.59 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

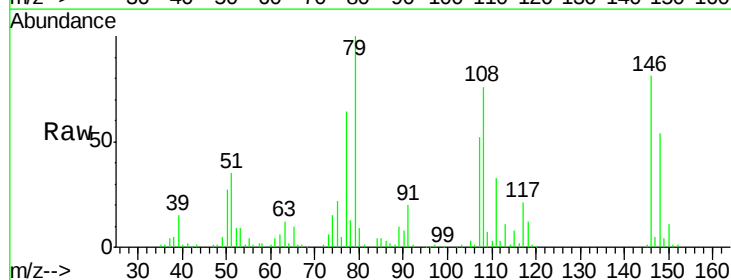
Tgt Ion:146 Resp: 141698

Ion Ratio Lower Upper

146 100

148 66.9 52.7 79.1

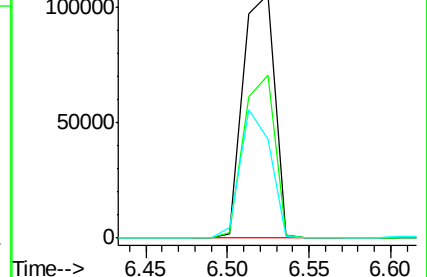
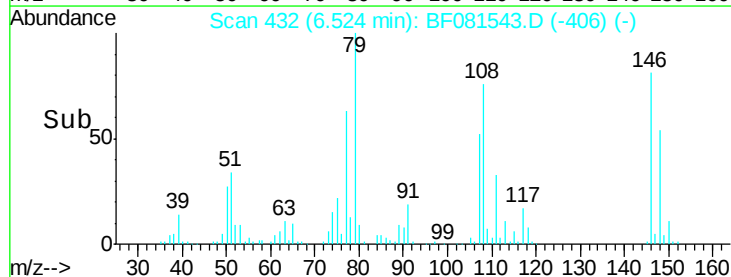
111 40.7 28.8 43.2

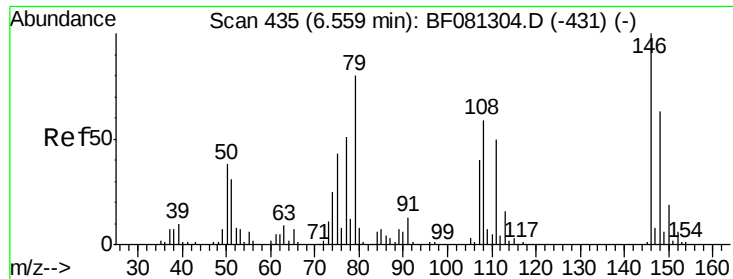


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 51.70 ng

RT: 6.52 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampled :

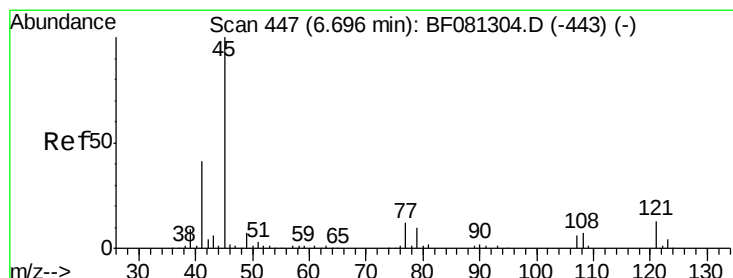
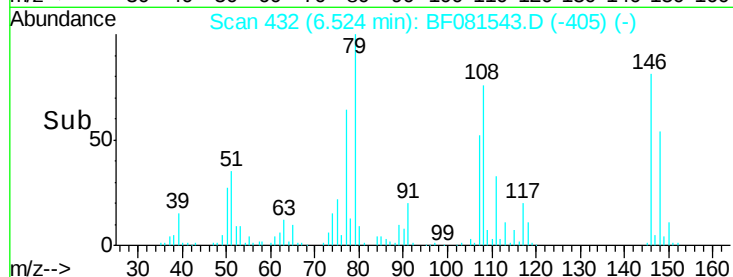
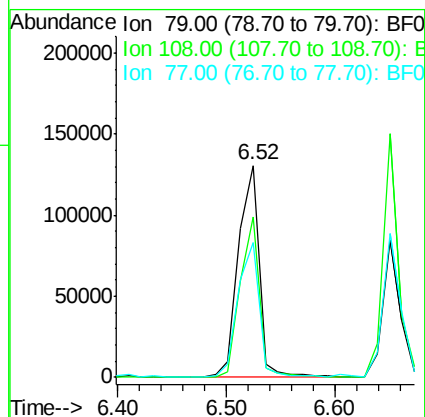
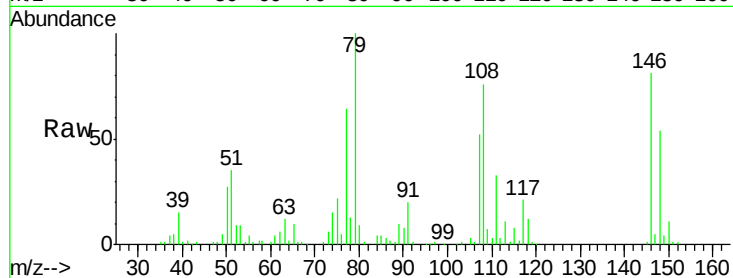
Tot Ion: 79 Resp: 173049

Ion Ratio Lower Upper

79 100

108 75.6 88.6 132.8#

77 63.6 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.76 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

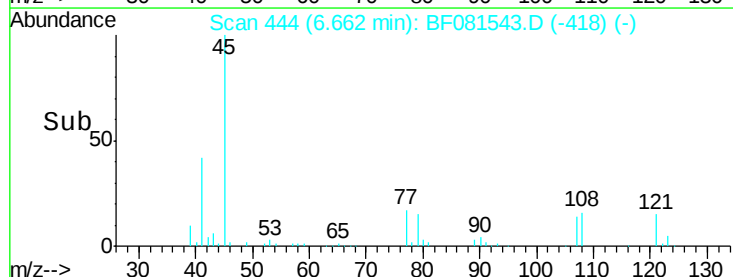
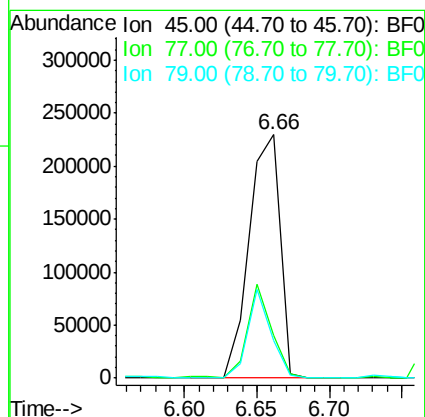
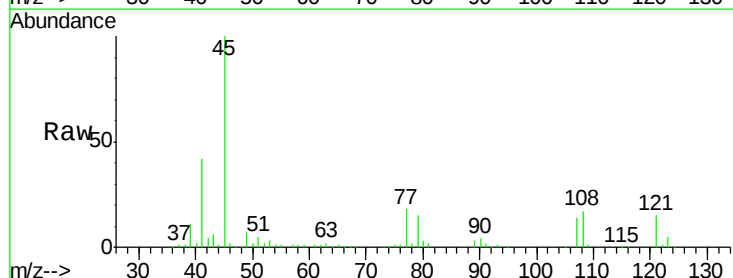
Tgt Ion: 45 Resp: 338715

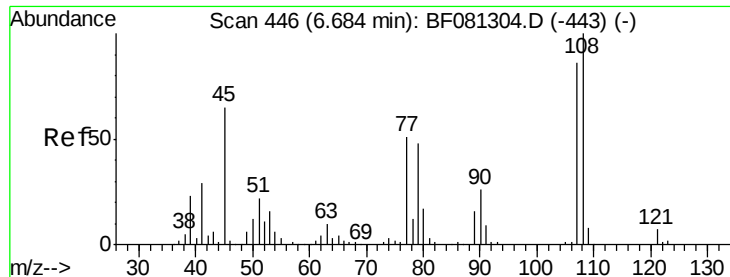
Ion Ratio Lower Upper

45 100

77 17.5 0.0 28.1

79 15.3 0.0 26.0

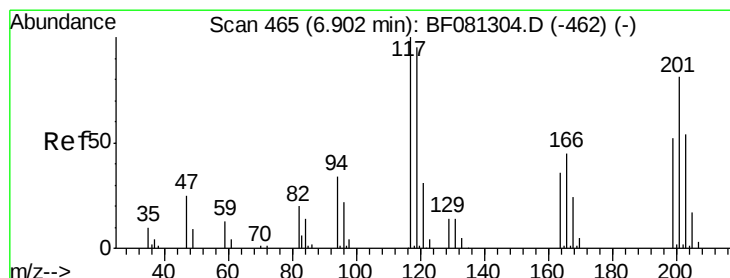
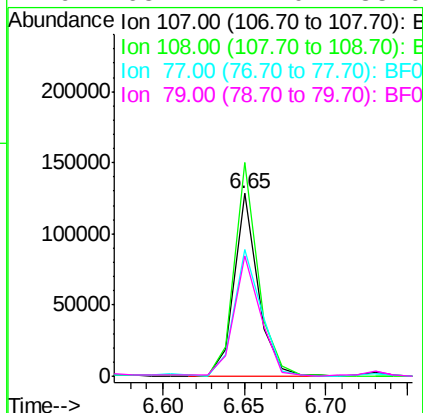
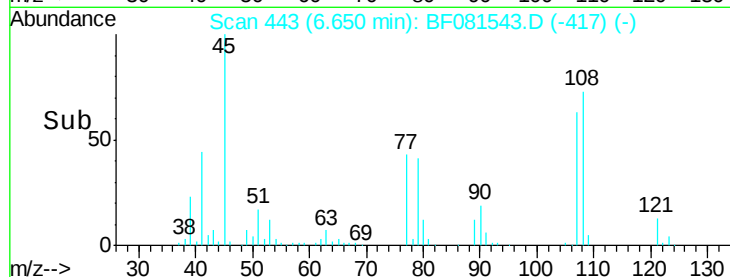
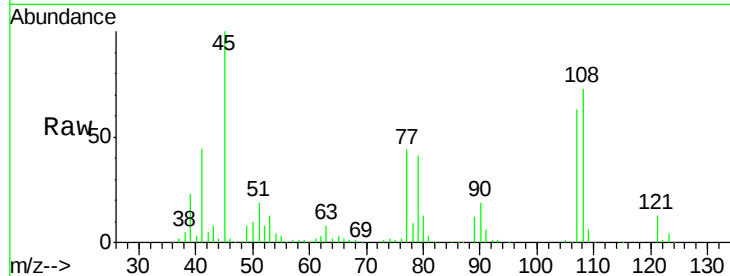




#17
2-Methylphenol
Concen: 47.48 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

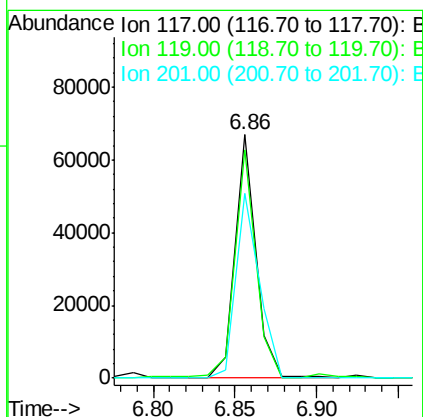
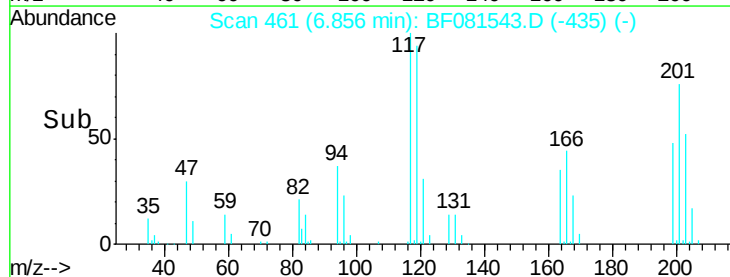
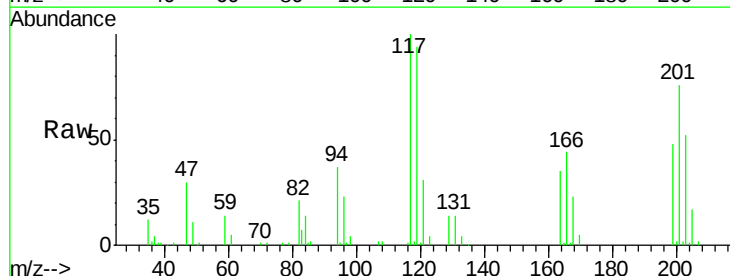
Instrument :
BNA_F
ClientSampleId :

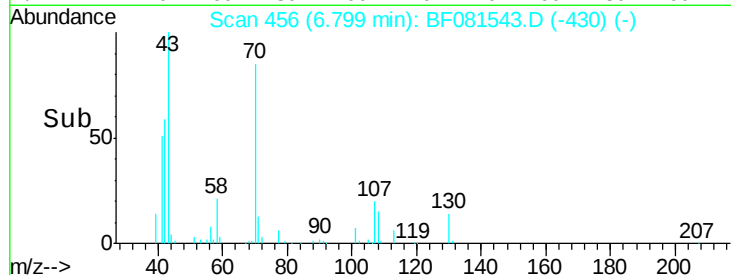
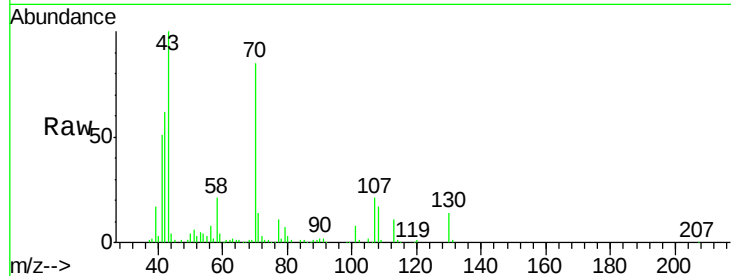
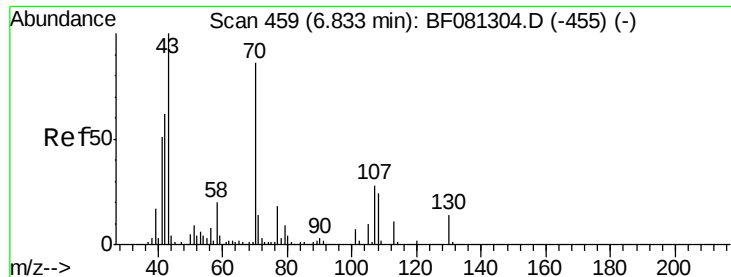
Tot Ion:107 Resp: 128689
Ion Ratio Lower Upper
107 100
108 116.9 96.6 145.0
77 69.2 23.3 34.9#
79 65.7 22.0 33.0#



#18
Hexachloroethane
Concen: 40.86 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:117 Resp: 58747
Ion Ratio Lower Upper
117 100
119 93.6 83.8 125.6
201 75.7 55.1 82.7

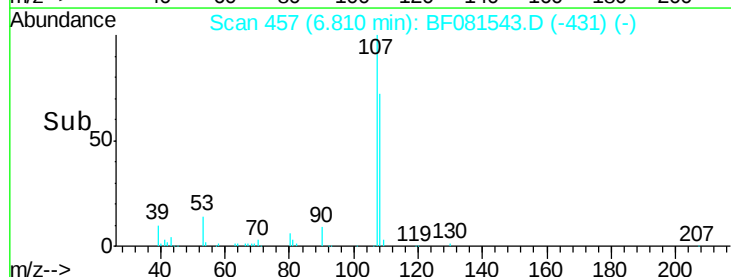
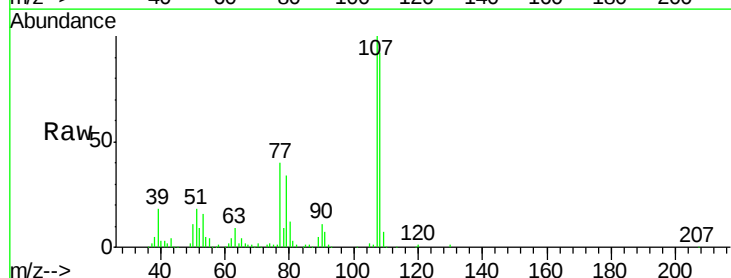
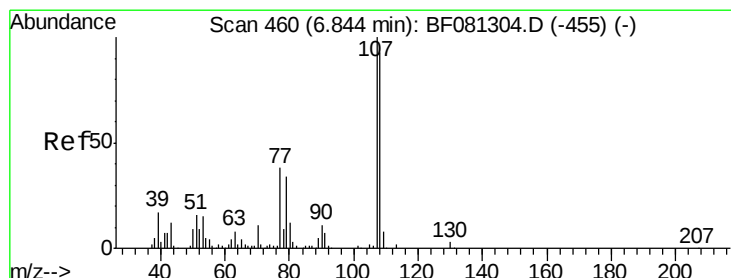
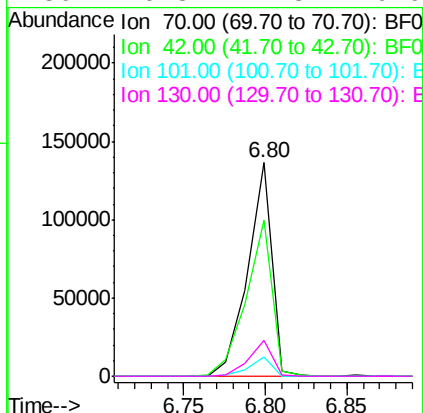




#19
n-Nitroso-di-n-propylamine
Concen: 50.43 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

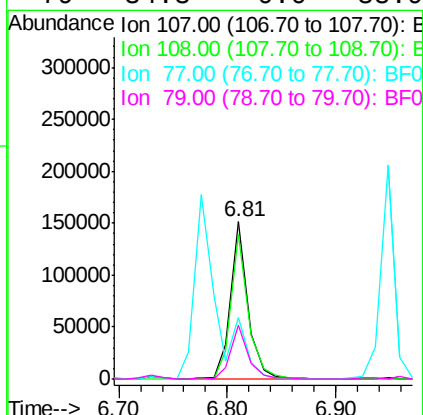
Instrument :
BNA_F
ClientSampleId :

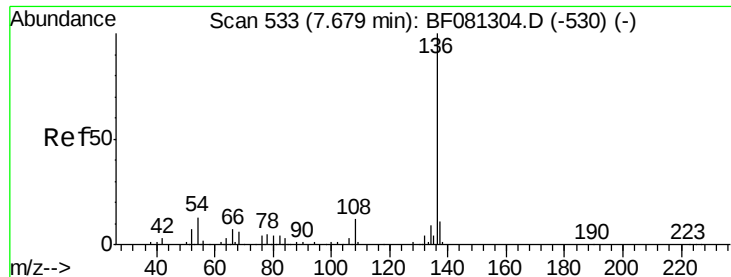
Tot Ion	Ratio	Lower	Upper
70	100		
42	73.4	63.8	95.6
101	8.9	9.2	13.8#
130	16.8	27.3	40.9#



#20
3+4-Methylphenols
Concen: 45.97 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.0	74.6	114.6
77	39.6	0.7	40.7
79	34.3	0.0	38.9

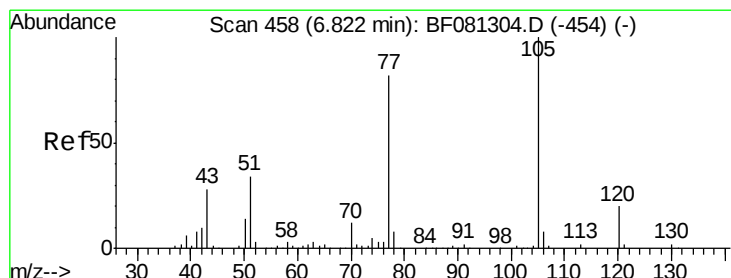
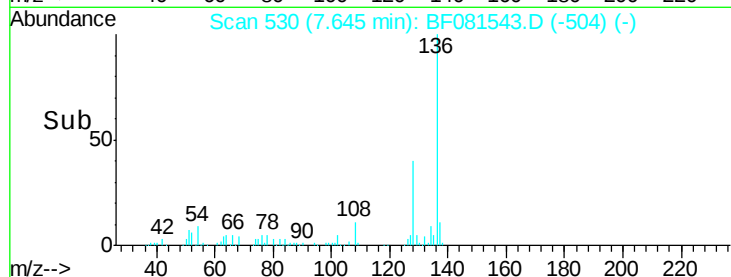
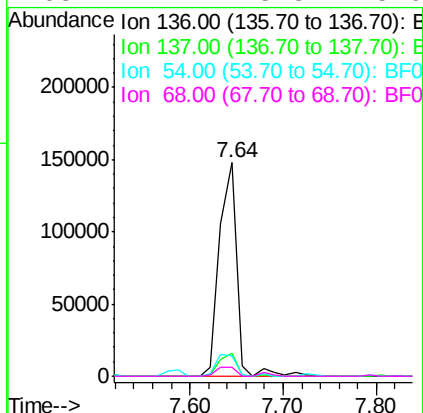
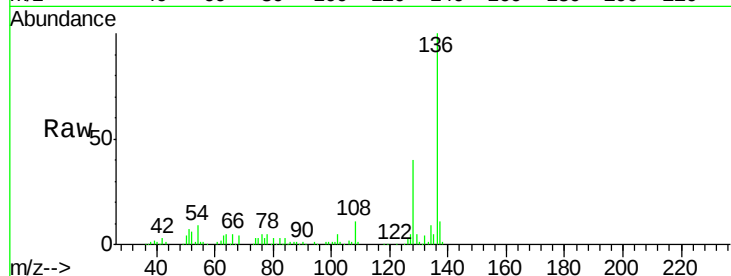




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

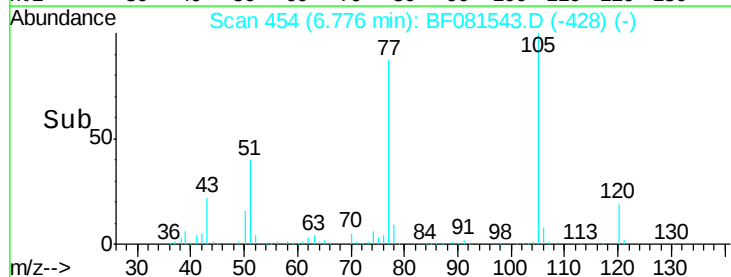
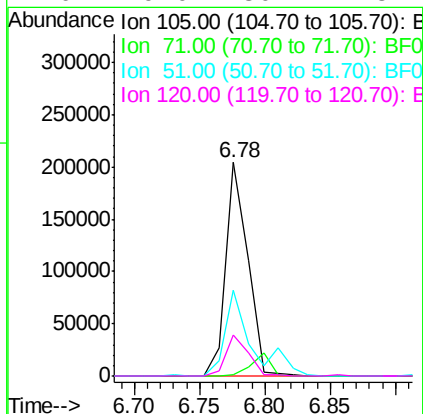
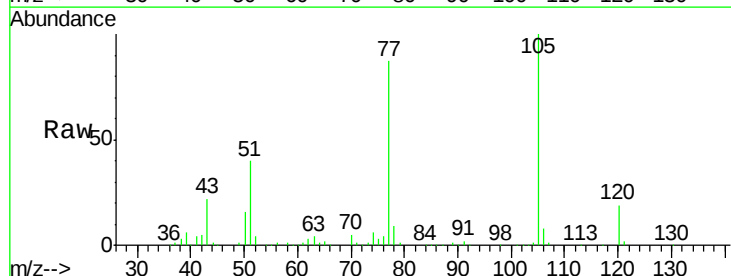
Instrument :
BNA_F
ClientSampleId :

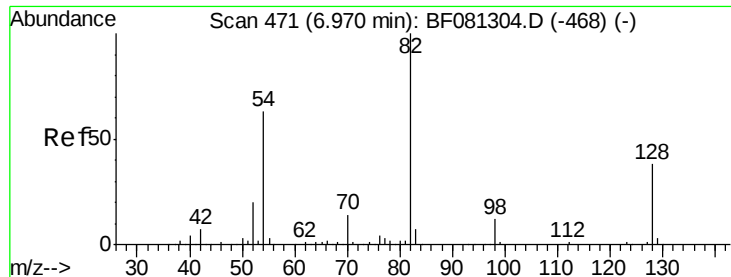
Tot Ion:136	Resp:	191180
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.0 13.6
54	9.5	8.2 12.2
68	4.1	5.8 8.6#



#22
Acetophenone
Concen: 45.70 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:105	Resp:	238651
Ion Ratio	Lower	Upper
105	100	
71	0.8	4.7 7.1#
51	40.1	22.0 33.0#
120	19.0	30.1 45.1#

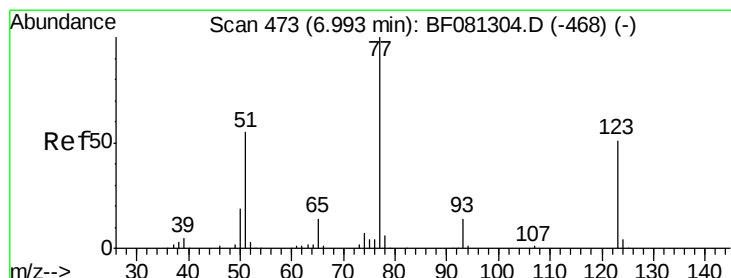
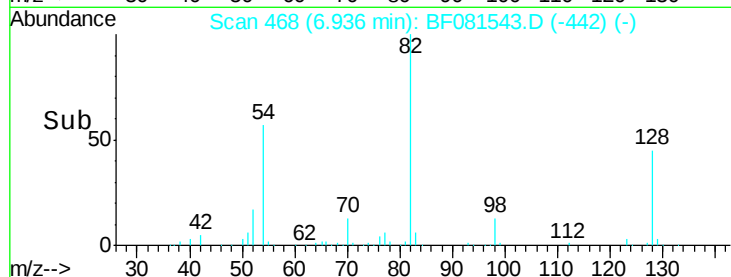
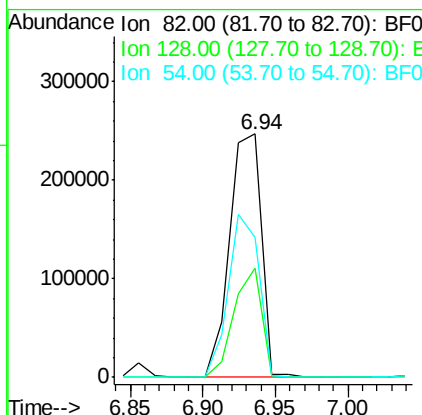
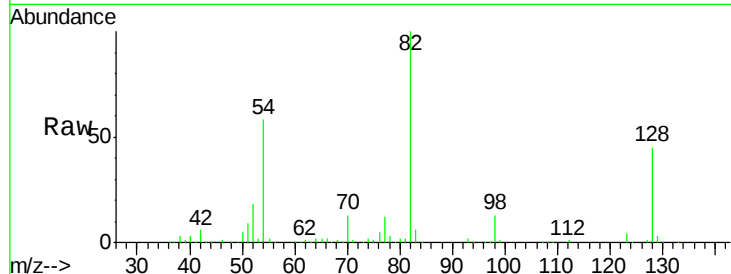




#23
 Nitrobenzene-d5
 Concen: 94.93 ng
 RT: 6.94 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

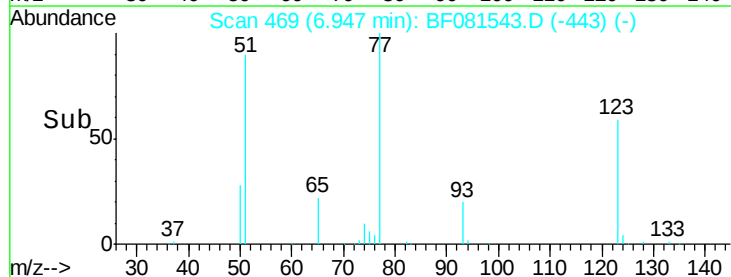
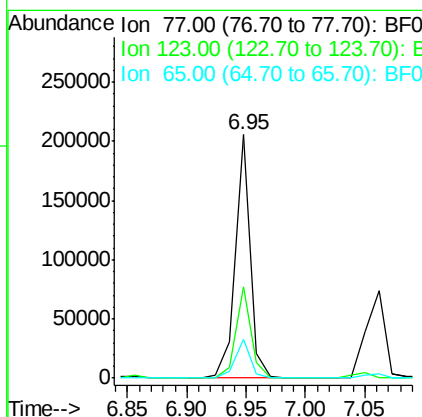
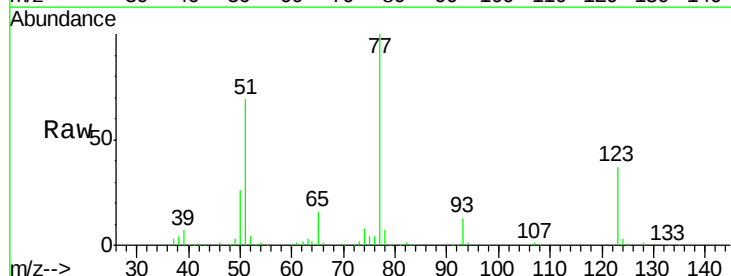
Instrument :
 BNA_F
 ClientSampled :

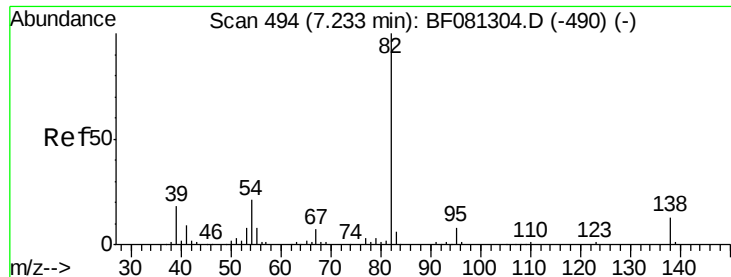
Tot Ion: 82 Resp: 376170
 Ion Ratio Lower Upper
 82 100
 128 44.9 51.0 76.6#
 54 57.7 47.5 71.3



#24
 Nitrobenzene
 Concen: 44.02 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion: 77 Resp: 181123
 Ion Ratio Lower Upper
 77 100
 123 37.4 59.8 89.8#
 65 15.8 10.2 15.4#





#25

Isophorone

Concen: 46.66 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

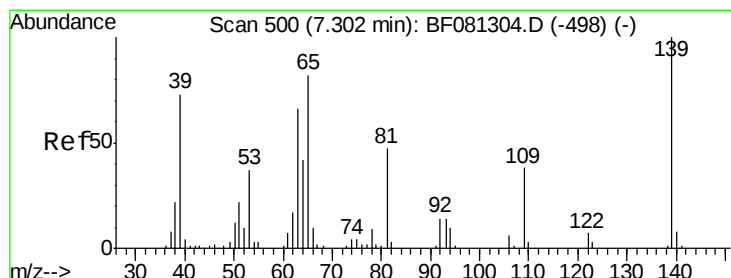
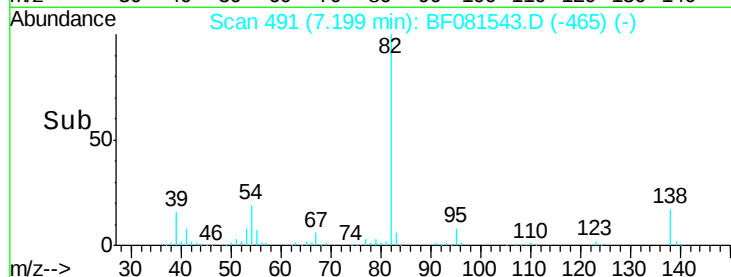
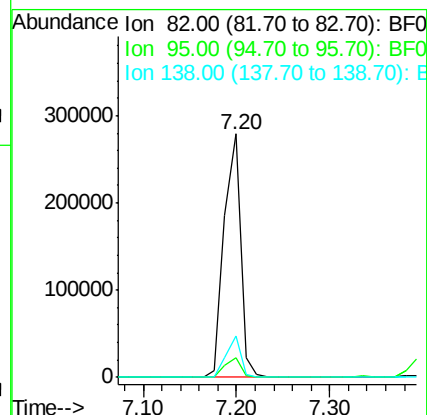
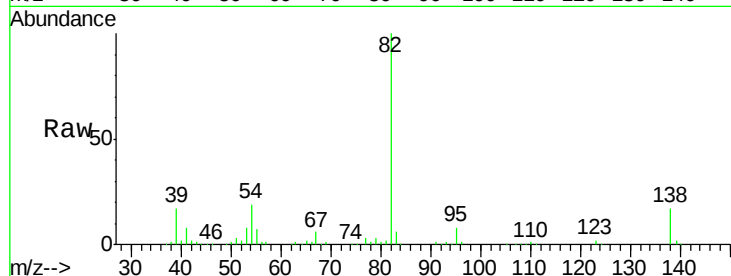
Tot Ion: 82 Resp: 343900

Ion Ratio Lower Upper

82 100

95 8.2 4.0 6.0#

138 17.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 18.71 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

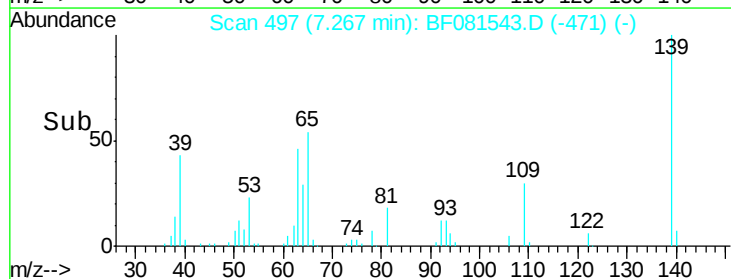
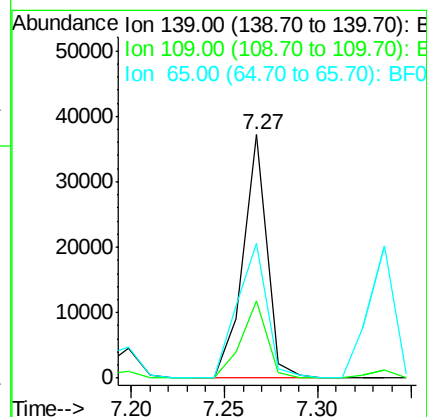
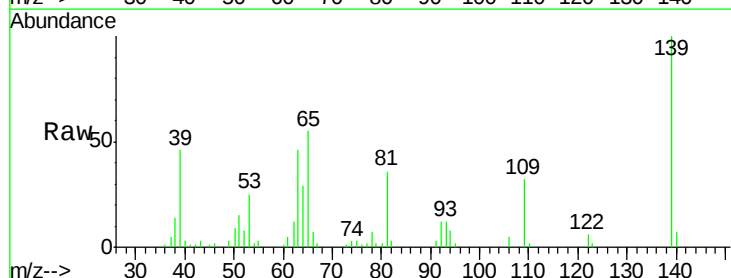
Tgt Ion: 139 Resp: 33563

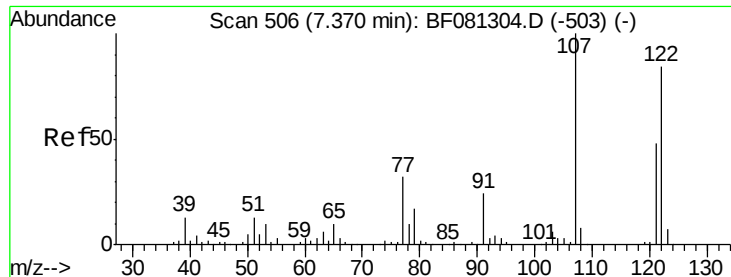
Ion Ratio Lower Upper

139 100

109 31.8 11.0 16.4#

65 55.4 24.7 37.1#

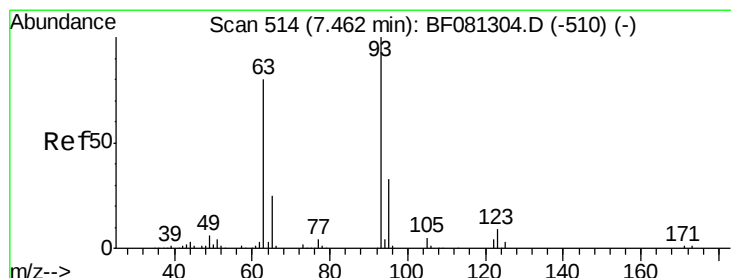
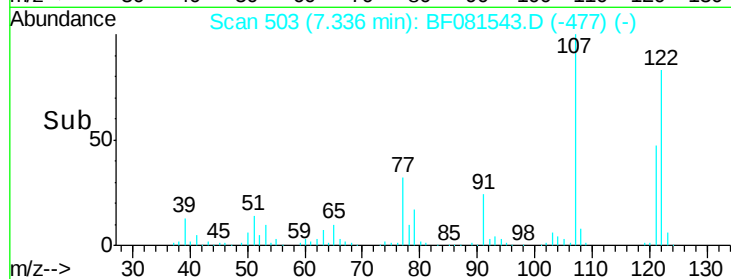
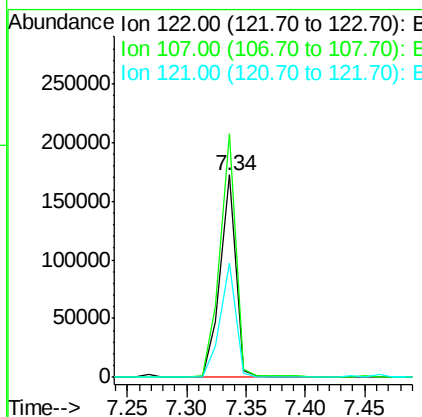
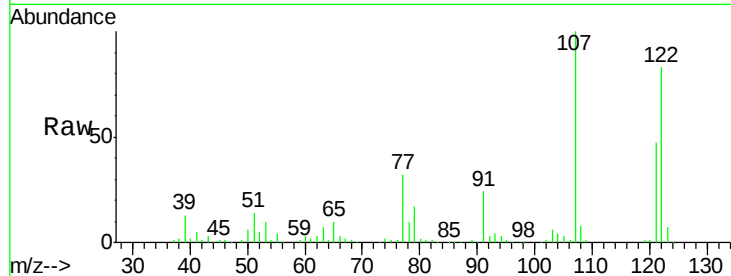




#27
 2,4-Dimethylphenol
 Concen: 50.84 ng
 RT: 7.34 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

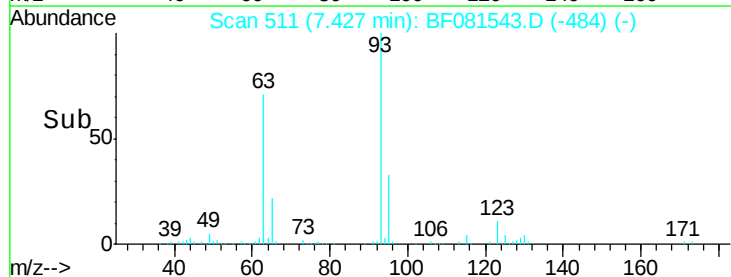
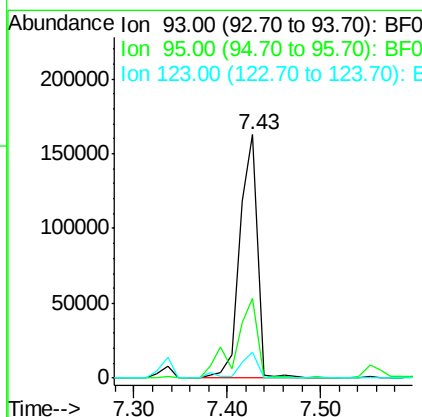
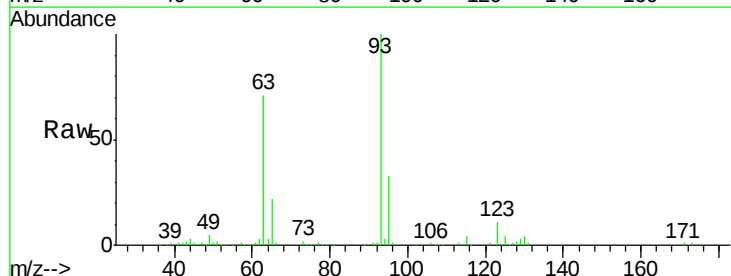
Instrument :
 BNA_F
 ClientSampleId :

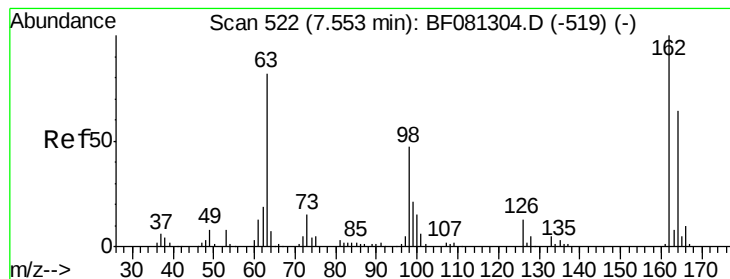
Tot Ion:122 Resp: 157485
 Ion Ratio Lower Upper
 122 100
 107 120.4 71.8 107.6#
 121 56.6 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 49.92 ng
 RT: 7.43 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion: 93 Resp: 212516
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.5 41.3
 123 10.8 13.7 20.5#





#29

2,4-Dichlorophenol

Concen: 30.89 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

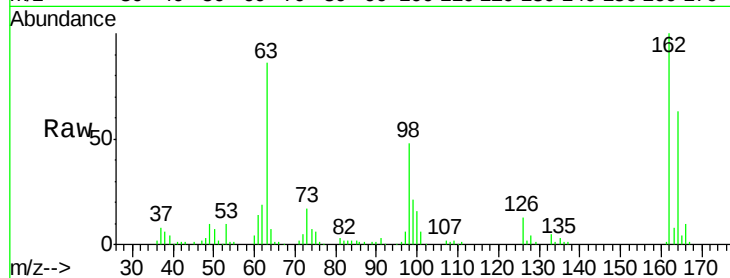
Tot Ion:162 Resp: 82968

Ion Ratio Lower Upper

162 100

164 63.5 44.9 84.9

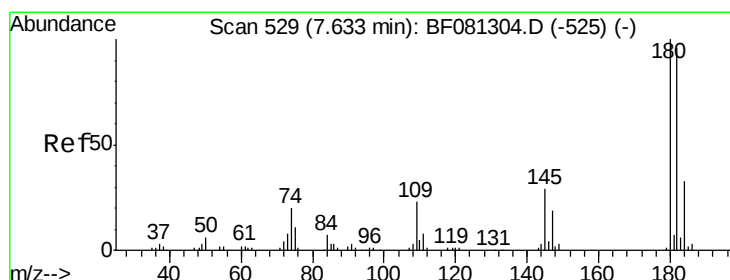
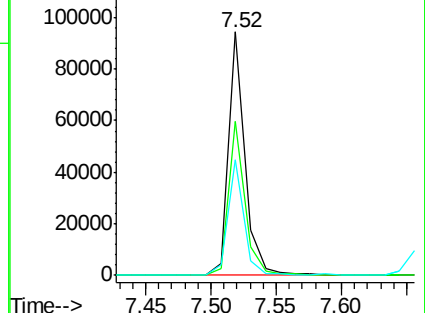
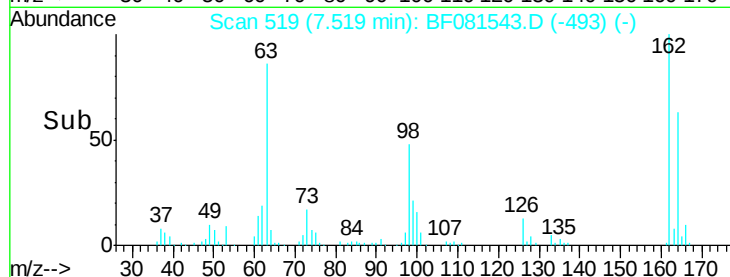
98 47.5 13.0 53.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.38 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

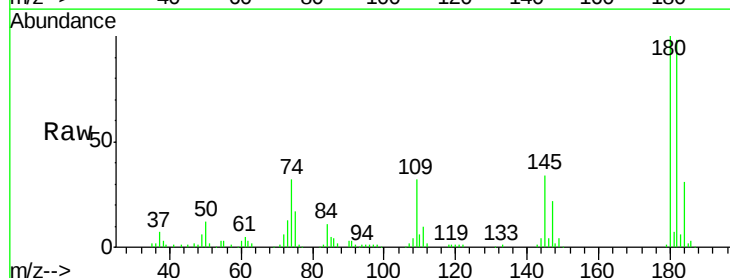
Tgt Ion:180 Resp: 129518

Ion Ratio Lower Upper

180 100

182 97.5 77.1 115.7

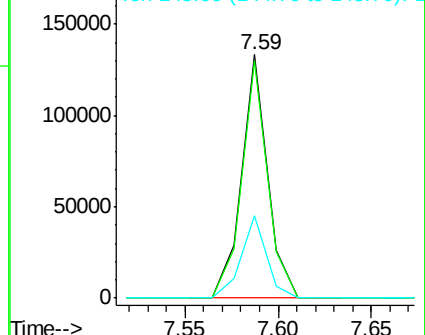
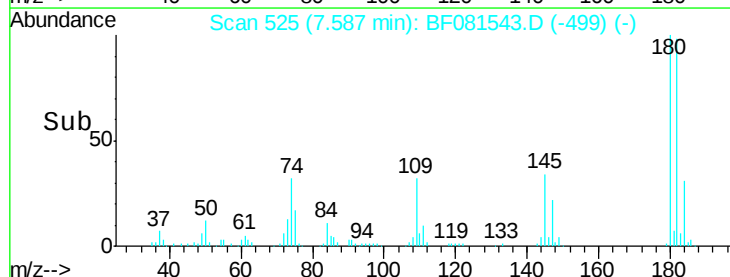
145 33.9 23.3 34.9

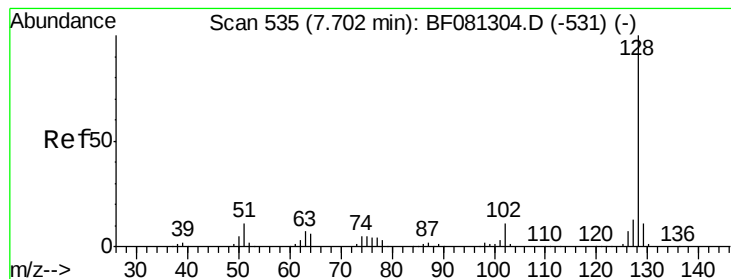


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 120.16 ng

RT: 7.67 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

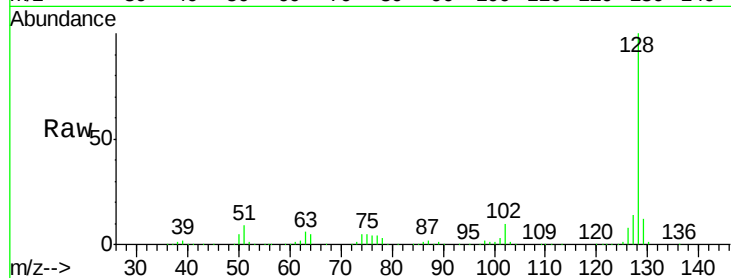
Tot Ion:128 Resp: 1225147

Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

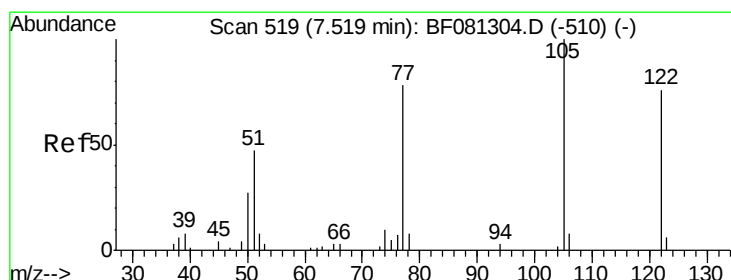
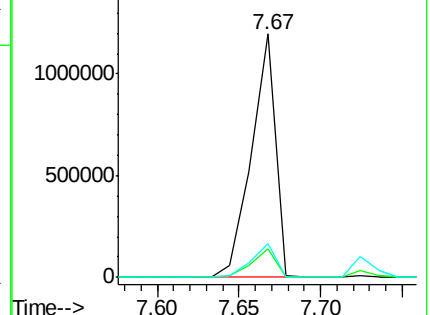
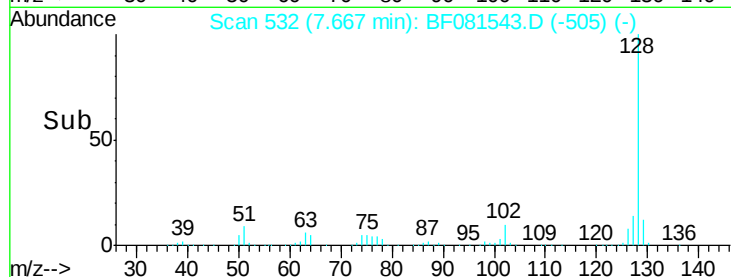
127 13.8 9.9 14.9



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: 69.98 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.14 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

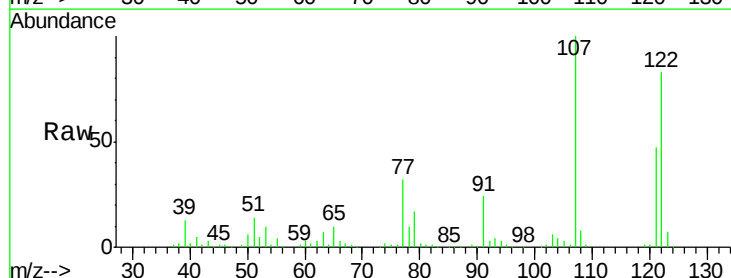
Tgt Ion:122 Resp: 157485

Ion Ratio Lower Upper

122 100

105 3.9 76.1 116.1#

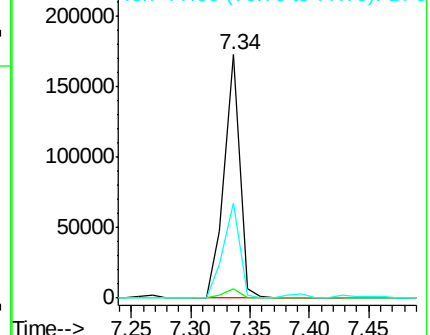
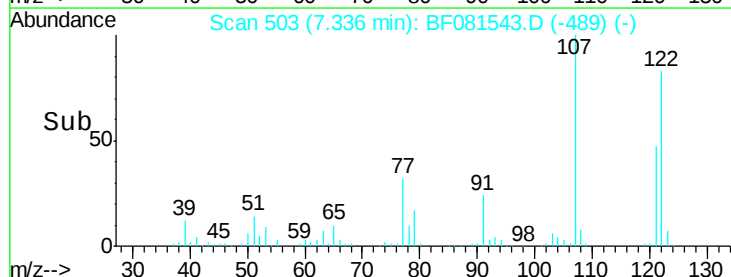
77 38.9 40.5 80.5#

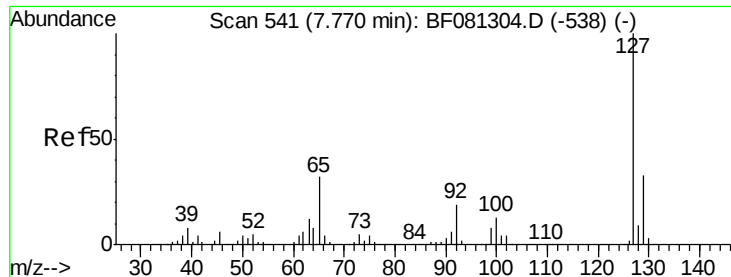


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

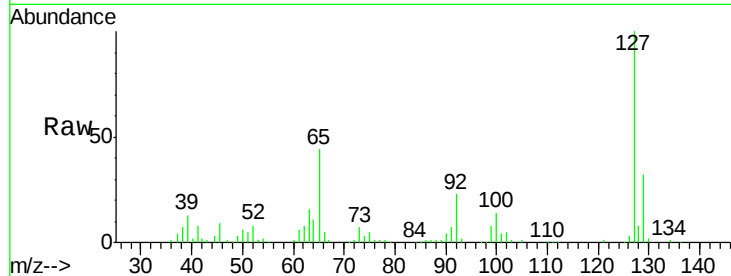




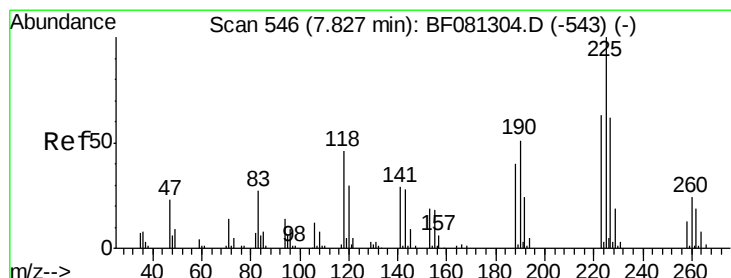
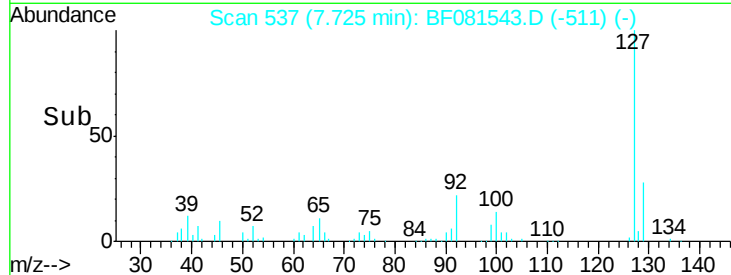
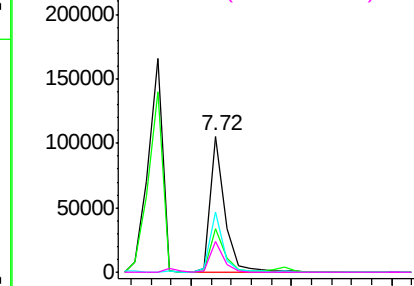
#33
4-Chloroaniline
Concen: 25.39 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	105598
Ion Ratio	Lower	Upper
127	100	
129	32.1	25.8 38.6
65	44.4	17.9 26.9#
92	22.9	10.5 15.7#

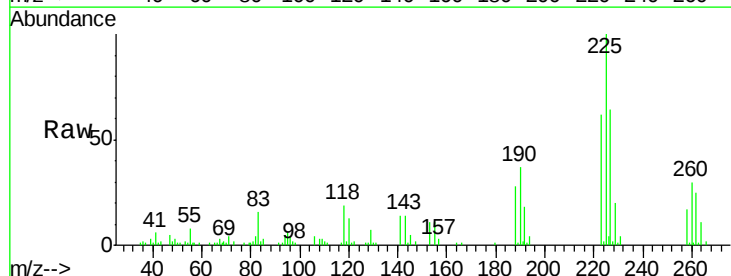


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

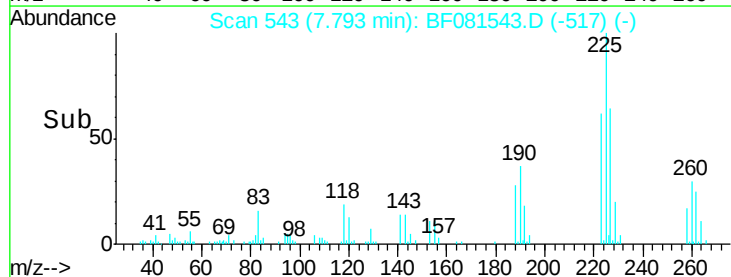
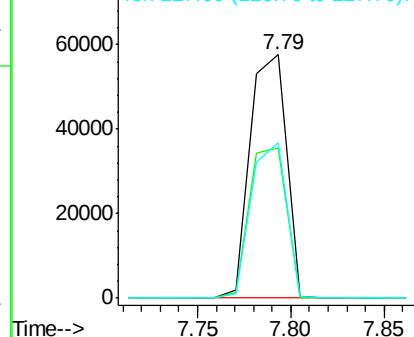


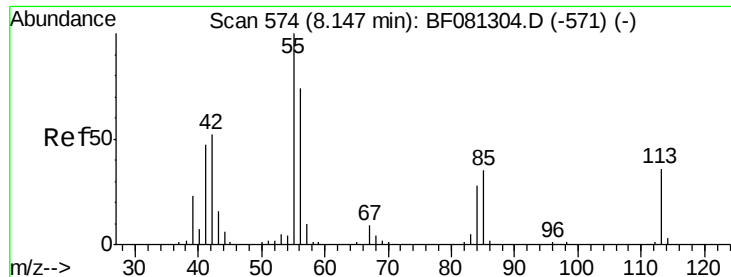
#34
Hexachlorobutadiene
Concen: 43.71 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:225	Resp:	77634
Ion Ratio	Lower	Upper
225	100	
223	61.5	50.2 75.2
227	64.0	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: 42.67 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

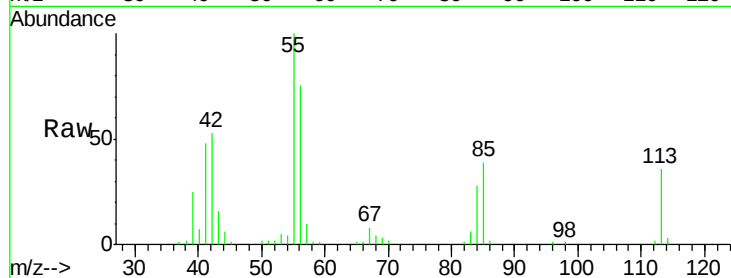
Tot Ion:113 Resp: 35156

Ion Ratio Lower Upper

113 100

55 277.8 152.4 192.4#

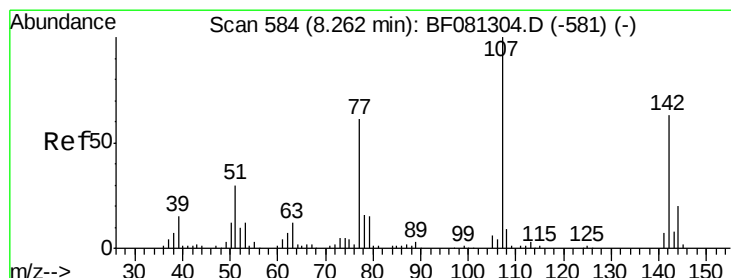
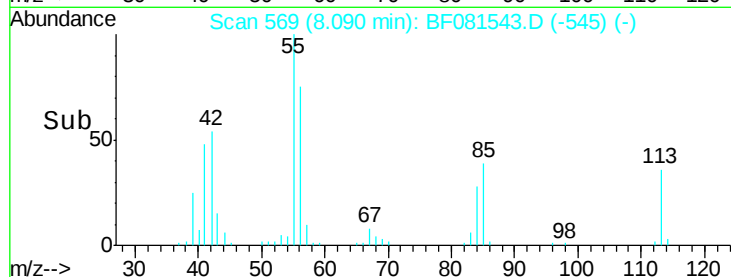
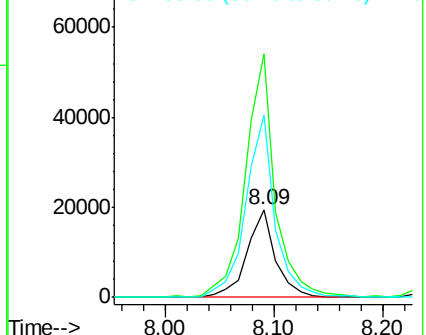
56 207.4 104.6 144.6#



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: 46.88 ng

RT: 8.24 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

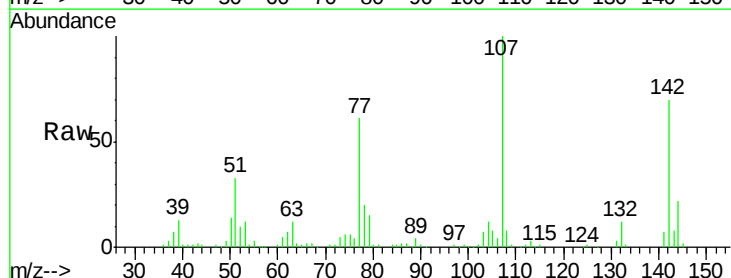
Tgt Ion:107 Resp: 140952

Ion Ratio Lower Upper

107 100

144 21.9 25.4 38.0#

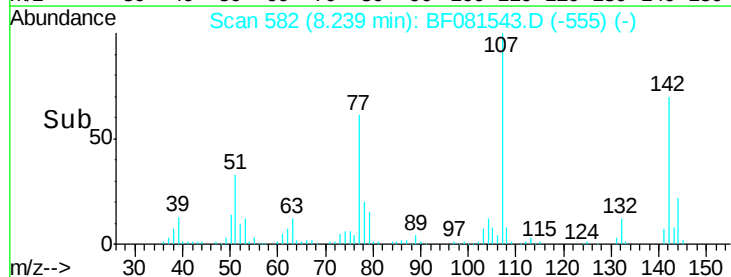
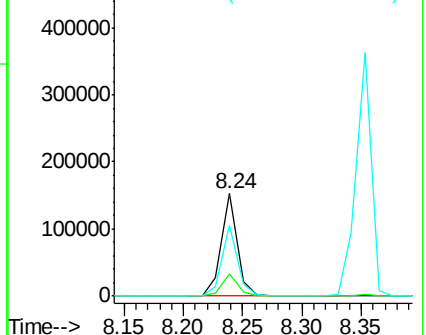
142 69.7 77.3 115.9#

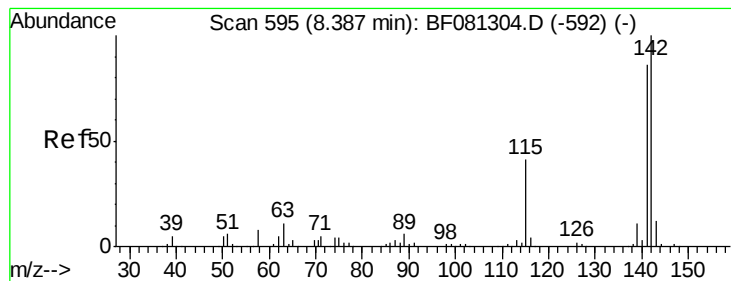


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

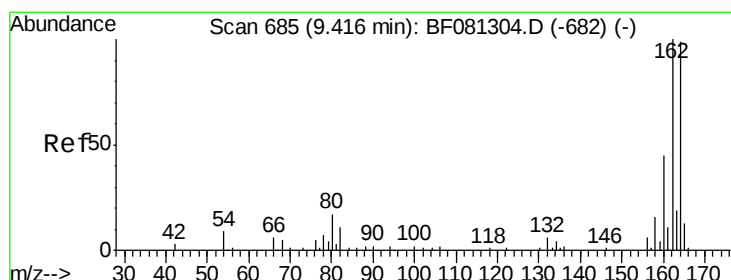
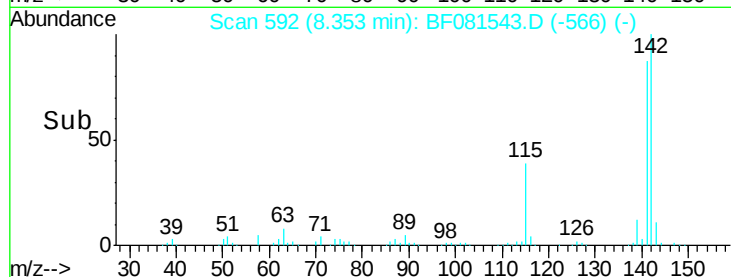
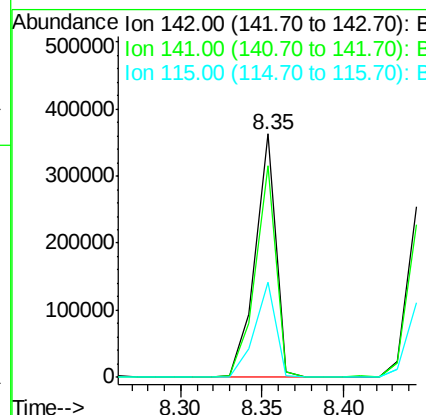
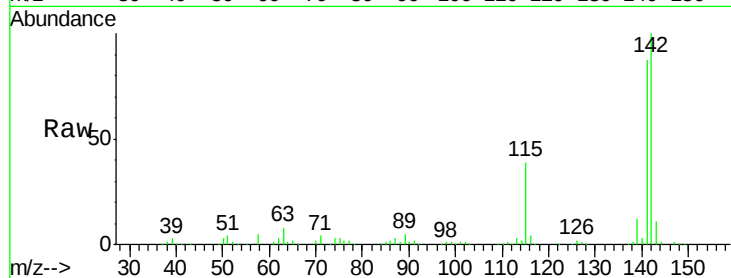




#37
 2-Methylnaphthalene
 Concen: 48.58 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

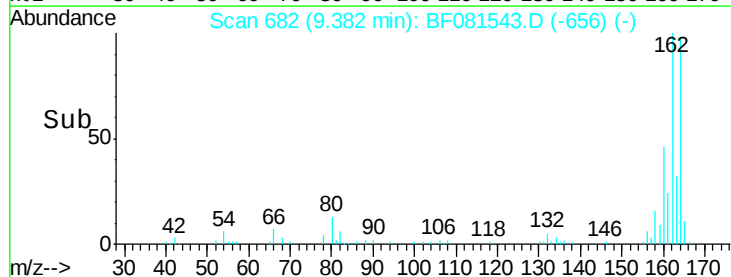
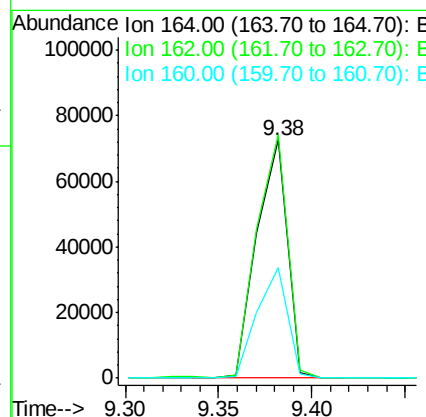
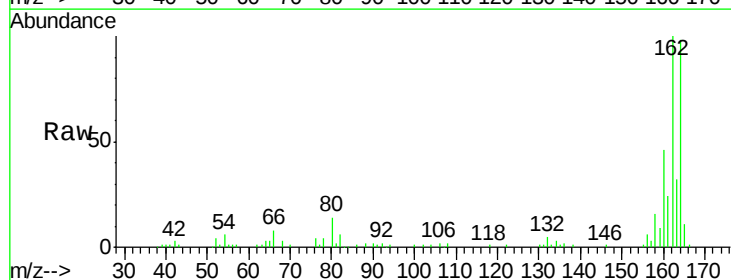
Instrument :
 BNA_F
 ClientSampled :

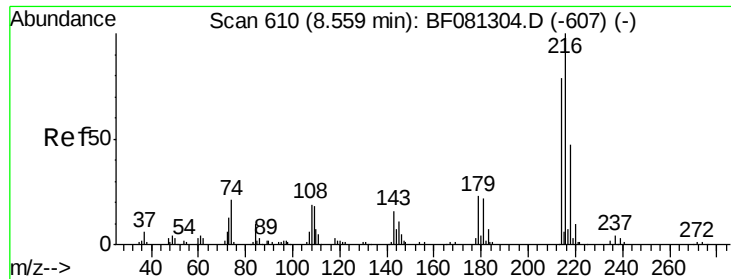
Tot Ion:142 Resp: 322303
 Ion Ratio Lower Upper
 142 100
 141 87.2 67.5 101.3
 115 39.1 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:164 Resp: 81941
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 46.7 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.70 ng

RT: 8.51 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF081543.D

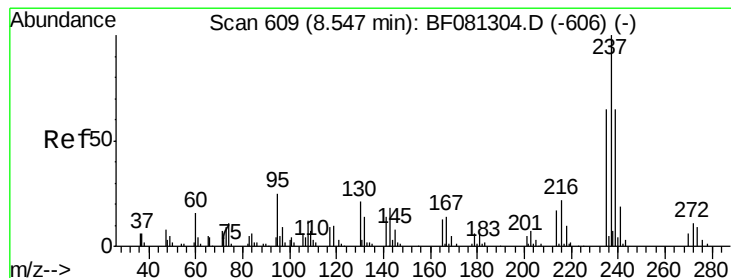
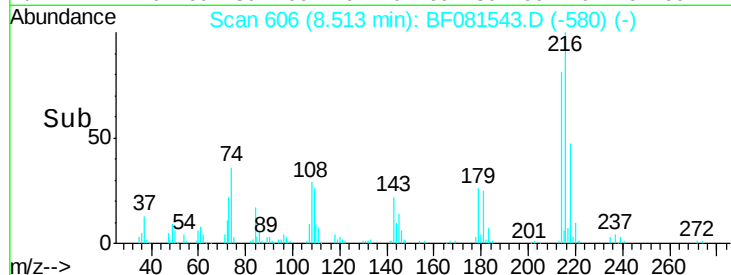
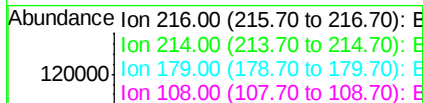
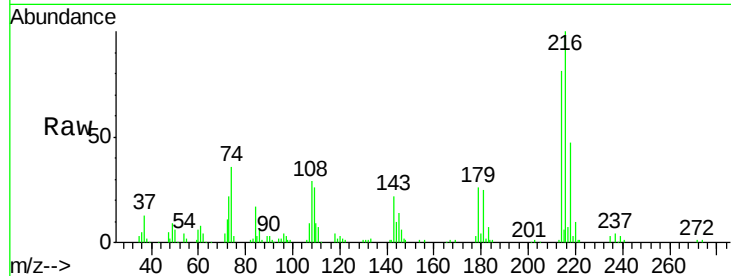
Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	113257
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.5 95.3
179	21.7	16.6 24.8
108	20.2	16.3 24.5



#40

Hexachlorocyclopentadiene

Concen: 7.65 ng

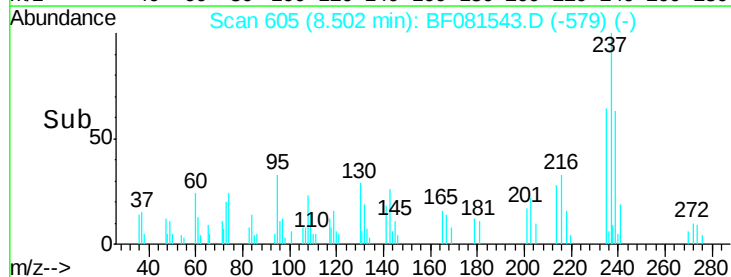
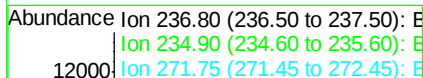
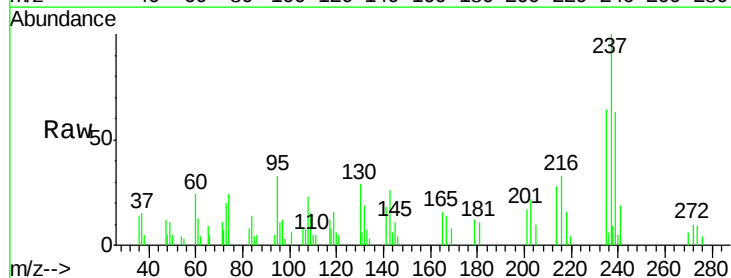
RT: 8.50 min Scan# 605

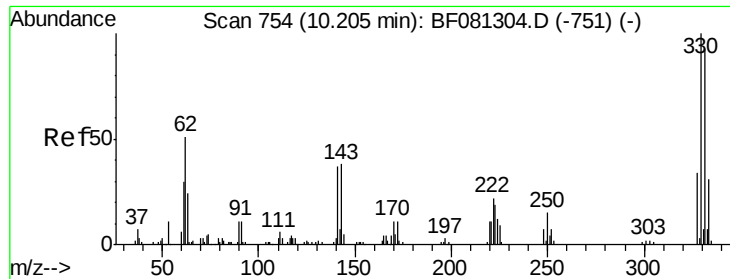
Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Tgt Ion:237	Resp:	9728
Ion Ratio	Lower	Upper
237	100	
235	63.8	42.0 82.0
272	10.4	0.0 36.1

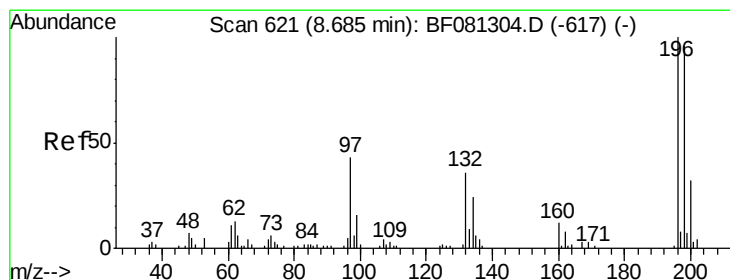
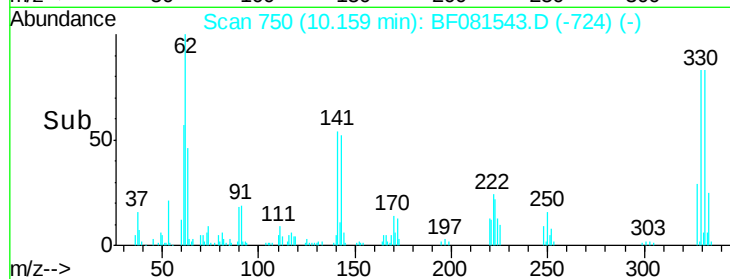
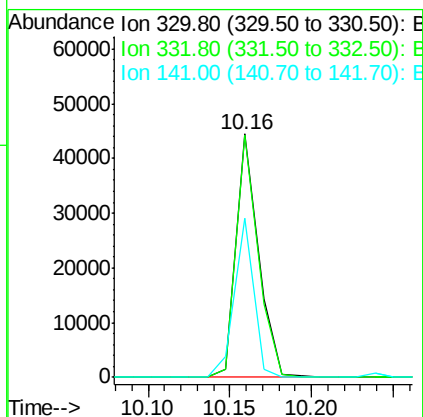
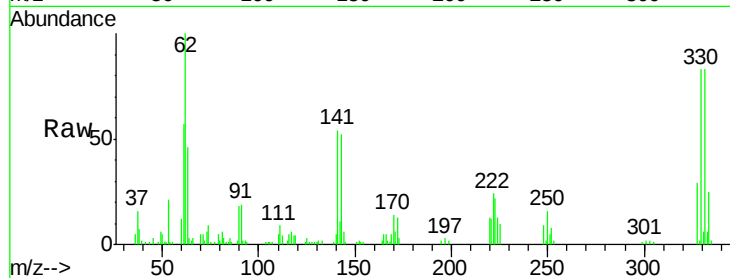




#41
 2,4,6-Tribromophenol
 Concen: 57.66 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

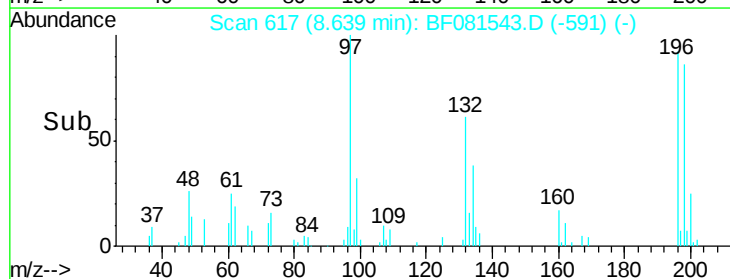
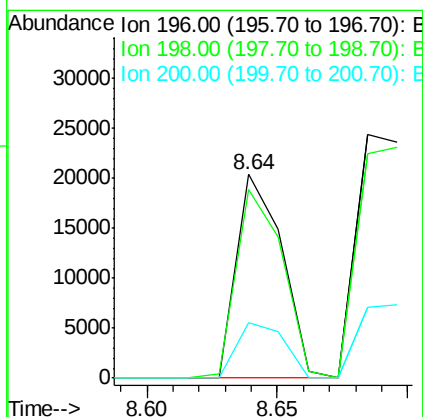
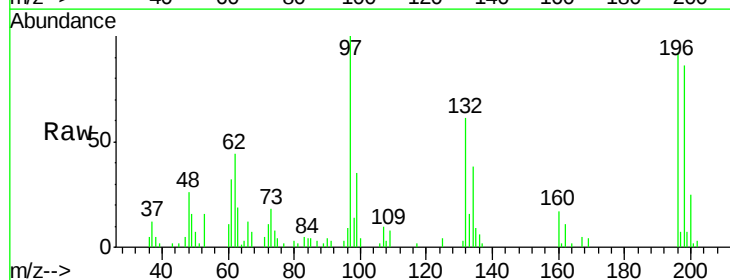
Instrument :
 BNA_F
 ClientSampled :

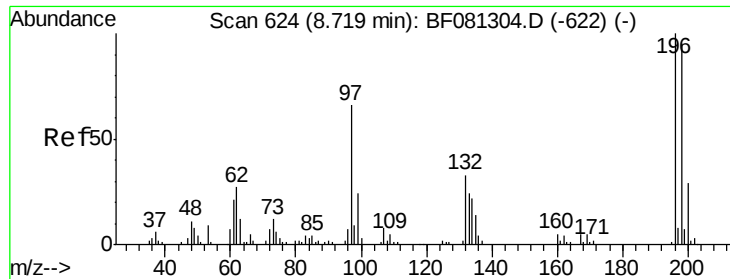
Tot Ion:330 Resp: 42068
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 56.1 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 13.80 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:196 Resp: 24683
 Ion Ratio Lower Upper
 196 100
 198 92.7 75.7 113.5
 200 27.4 23.9 35.9

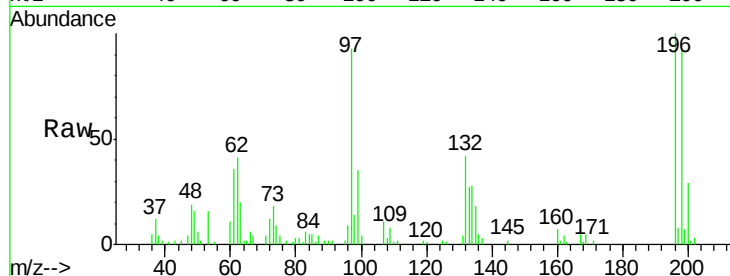




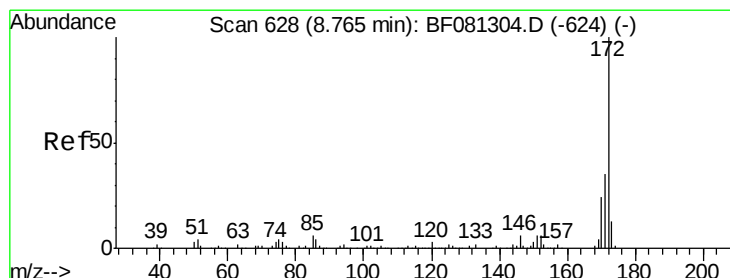
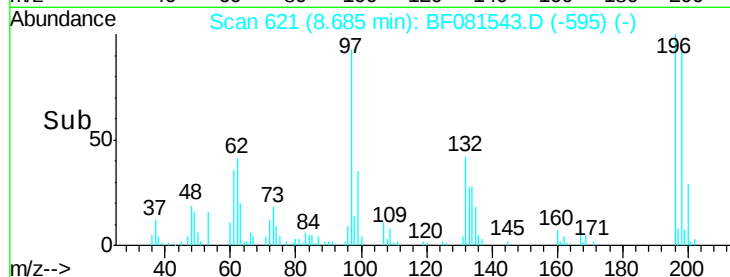
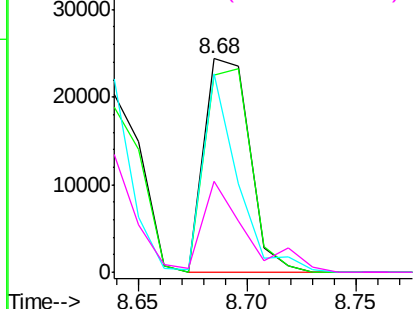
#43
 2,4,5-Trichlorophenol
 Concen: 19.38 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.4	113.0
97	92.9	33.3	49.9
132	42.3	24.6	37.0

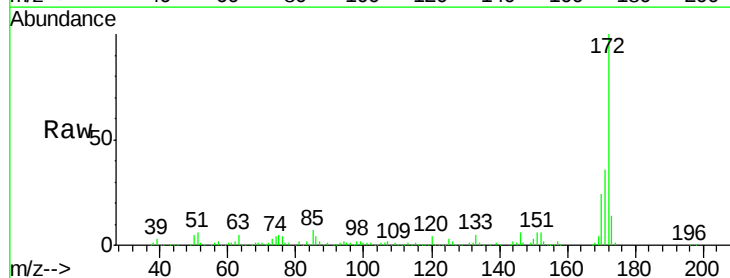


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

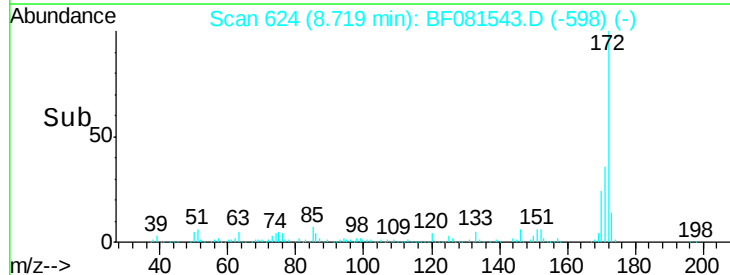
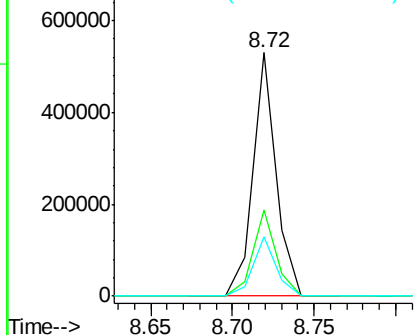


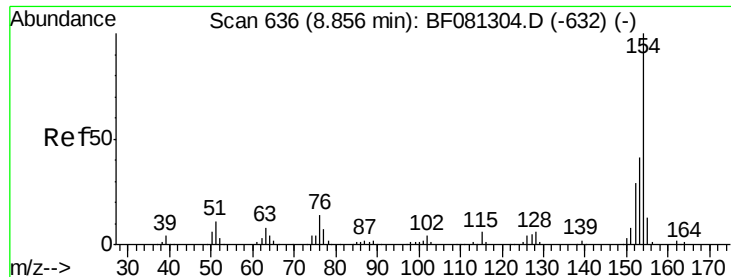
#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.1	39.1
170	24.5	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: 47.04 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

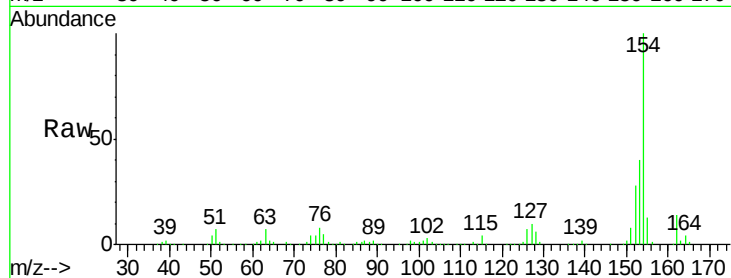
Tot Ion:154 Resp: 354580

Ion Ratio Lower Upper

154 100

153 39.6 17.1 57.1

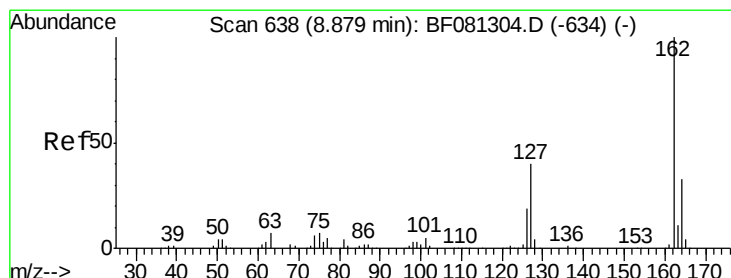
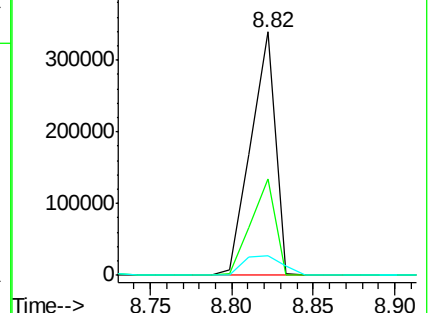
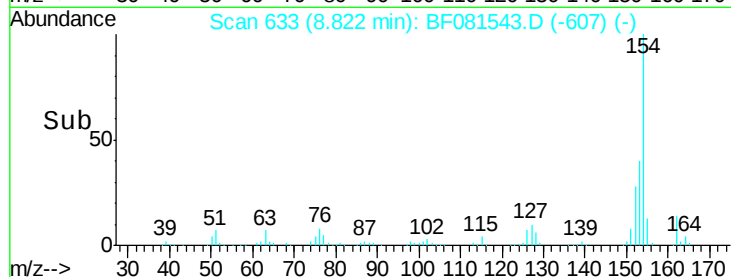
76 8.0 0.0 31.6



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: 47.81 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

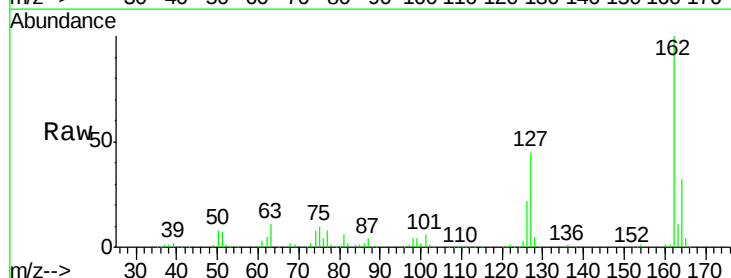
Tgt Ion:162 Resp: 260261

Ion Ratio Lower Upper

162 100

127 45.4 27.6 41.4#

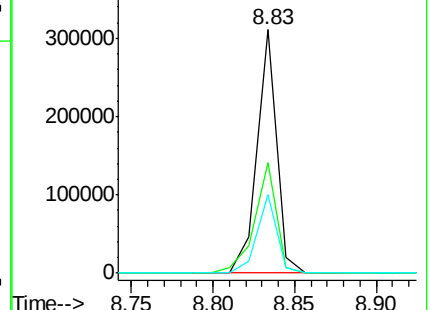
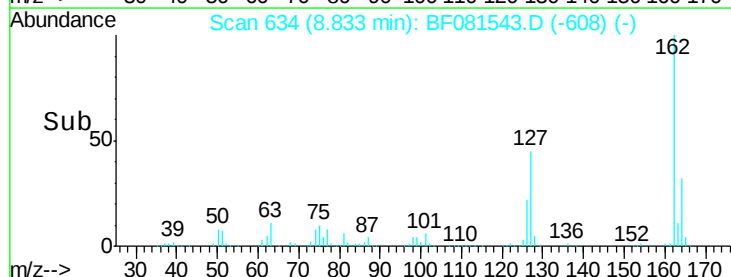
164 32.2 25.4 38.2

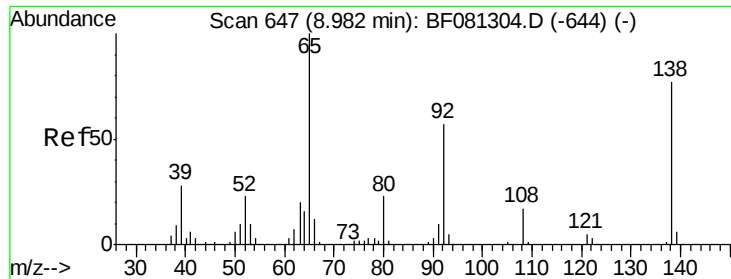


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

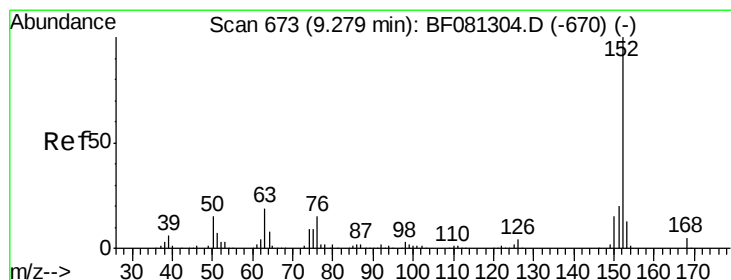
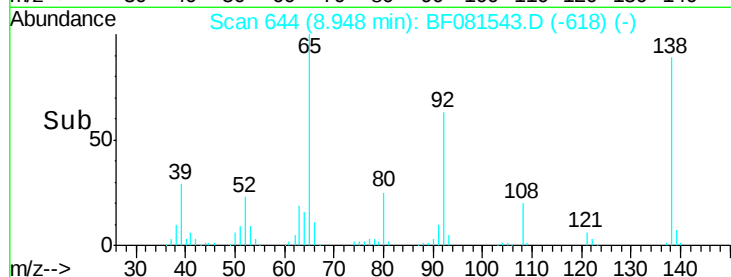
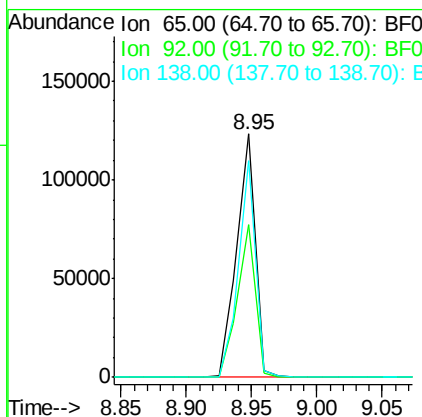
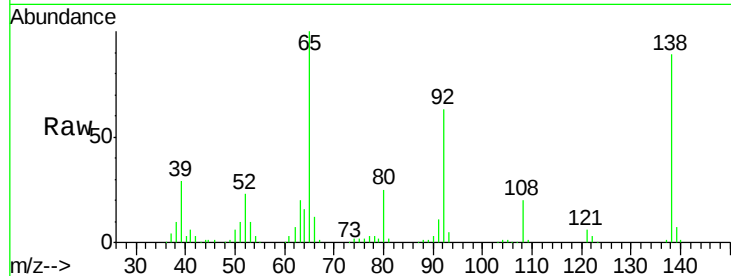




#47
2-Nitroaniline
Concen: 55.17 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

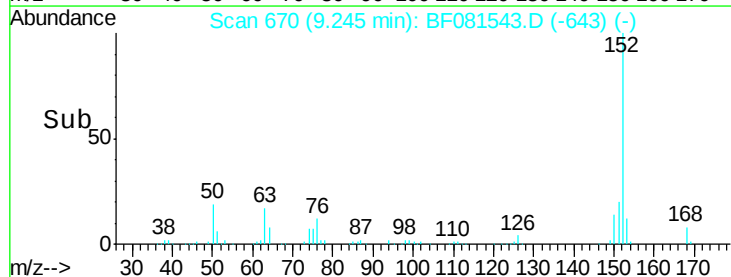
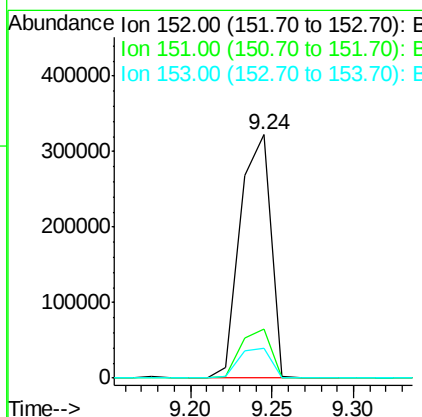
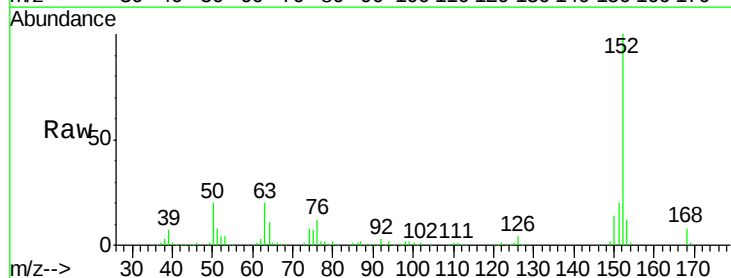
Instrument :
BNA_F
ClientSampleId :

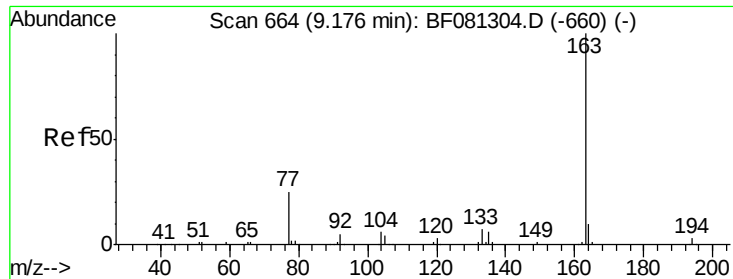
Tot Ion: 65 Resp: 122415
Ion Ratio Lower Upper
65 100
92 62.6 55.4 83.0
138 89.2 115.5 173.3#



#48
Acenaphthylene
Concen: 43.17 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion: 152 Resp: 416993
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 12.4 10.3 15.5

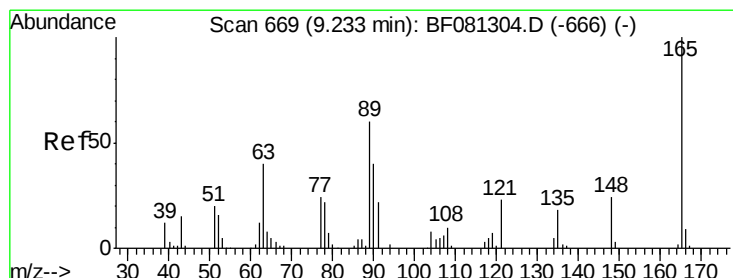
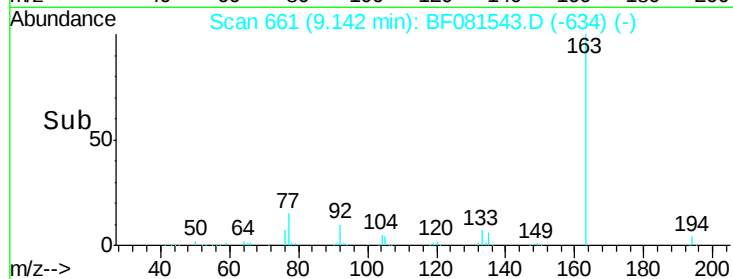
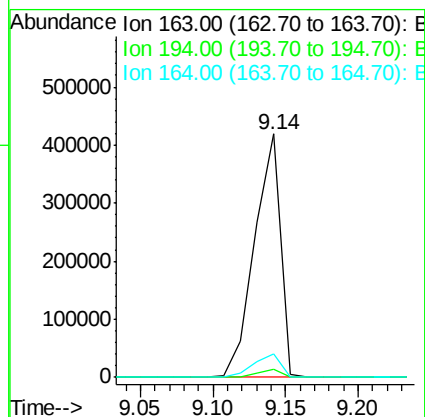
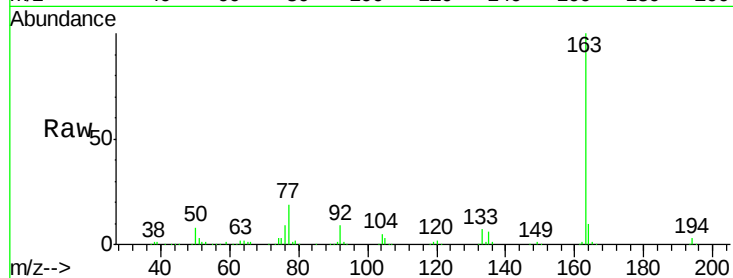




#49
Dimethylphthalate
Concen: 81.71 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

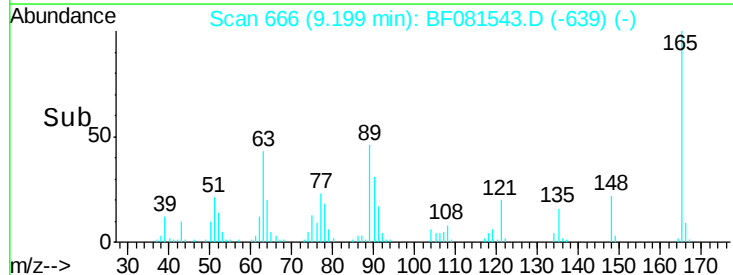
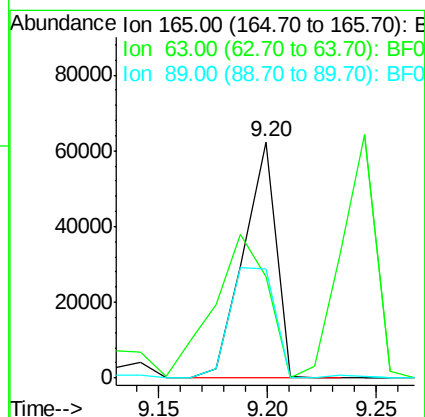
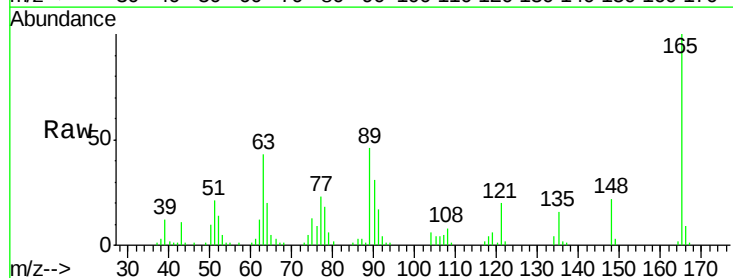
Instrument :
BNA_F
ClientSampleId :

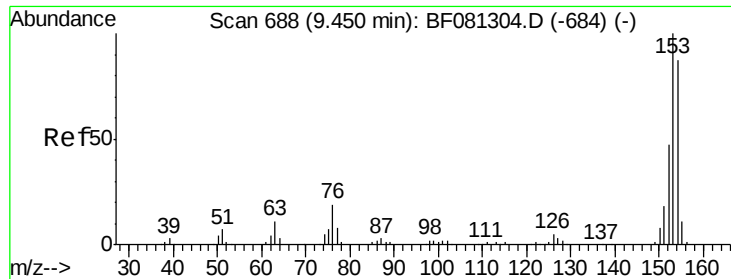
Tot Ion:163 Resp: 520183
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 9.7 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 44.94 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:165 Resp: 64937
Ion Ratio Lower Upper
165 100
63 42.8 32.3 48.5
89 46.2 28.6 43.0#

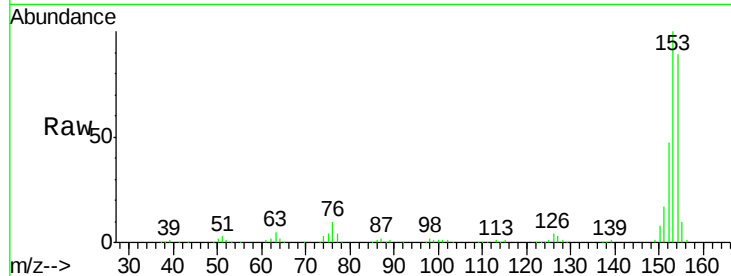




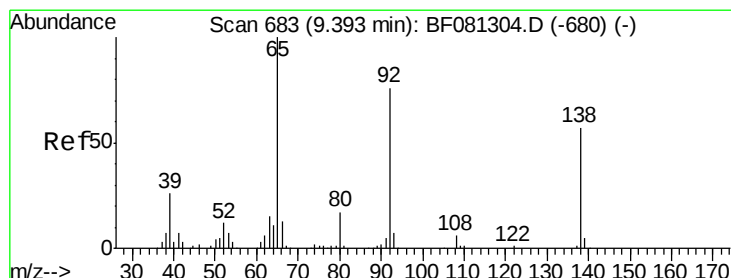
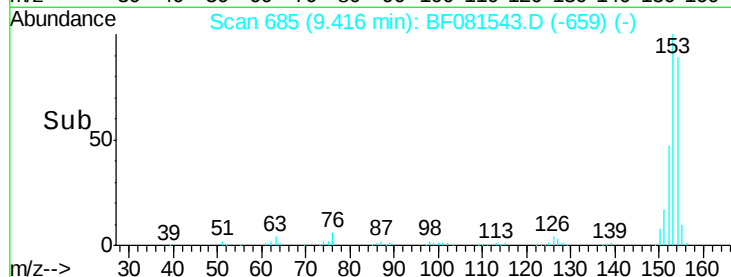
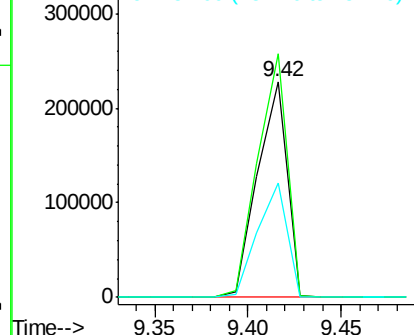
#51
Acenaphthene
Concen: 45.44 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 249675
Ion Ratio Lower Upper
154 100
153 112.8 82.1 123.1
152 53.0 37.9 56.9

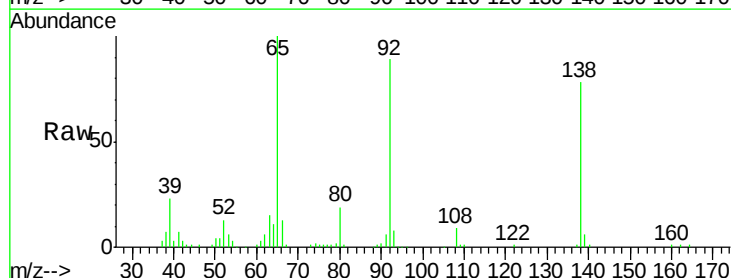


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

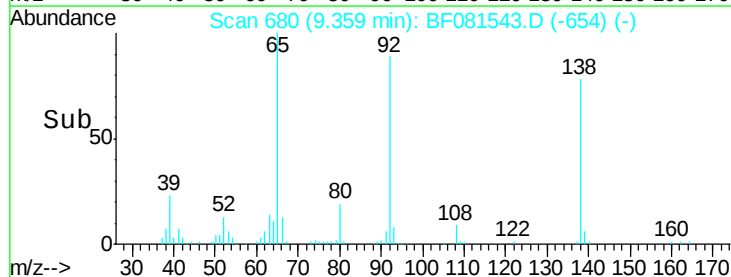
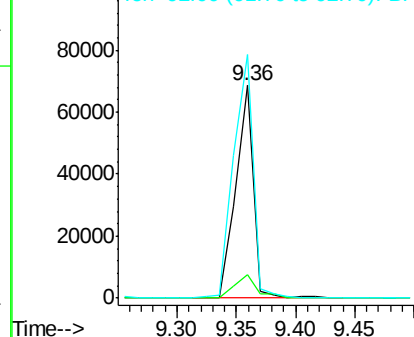


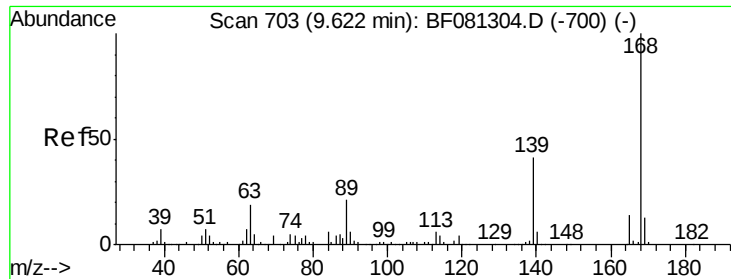
#52
3-Nitroaniline
Concen: 42.80 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:138 Resp: 70406
Ion Ratio Lower Upper
138 100
108 11.1 5.7 8.5#
92 114.5 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

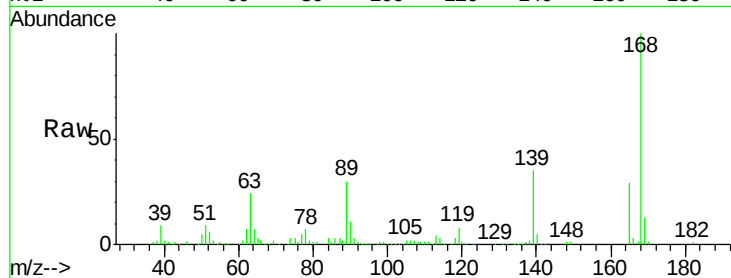




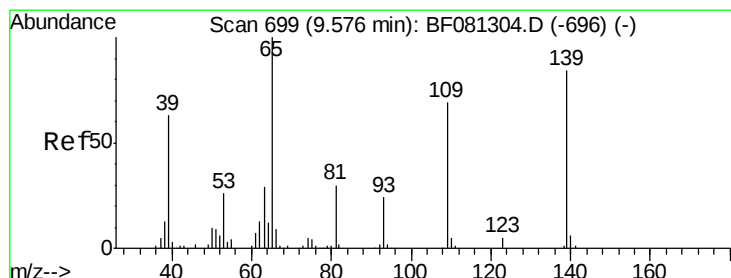
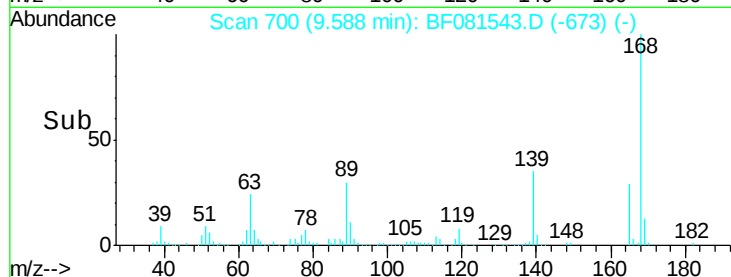
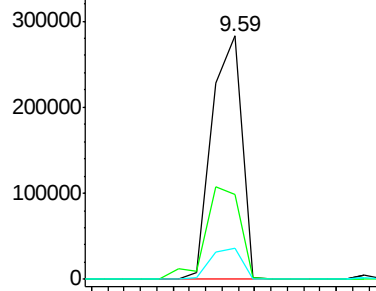
#54
Dibenzofuran
Concen: 44.60 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 357795
Ion Ratio Lower Upper
168 100
139 34.9 24.2 36.2
169 12.6 10.6 15.8

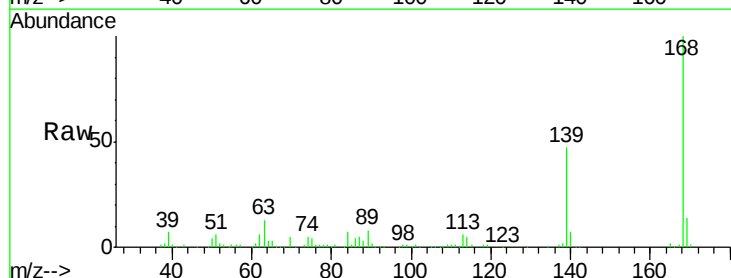


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

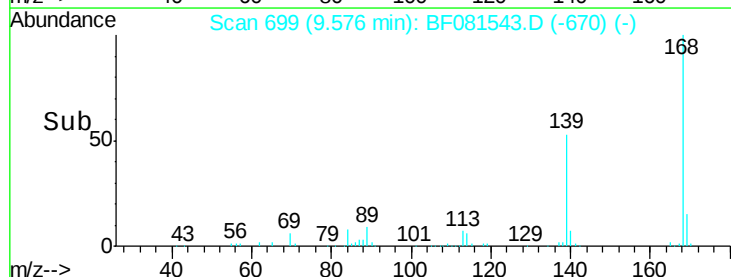
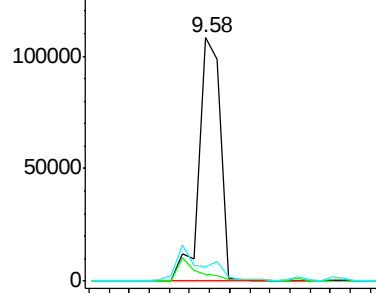


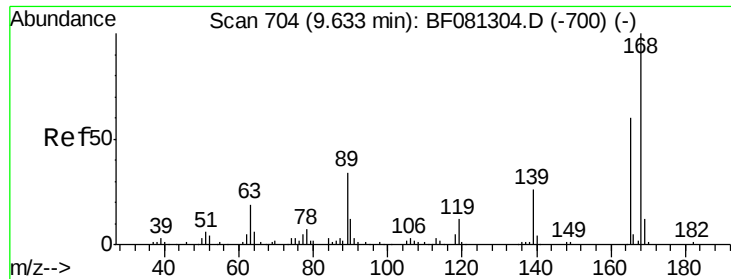
#55
4-Nitrophenol
Concen: 154.12 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.03 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:139 Resp: 159274
Ion Ratio Lower Upper
139 100
109 3.0 12.7 52.7#
65 5.8 45.9 85.9#



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

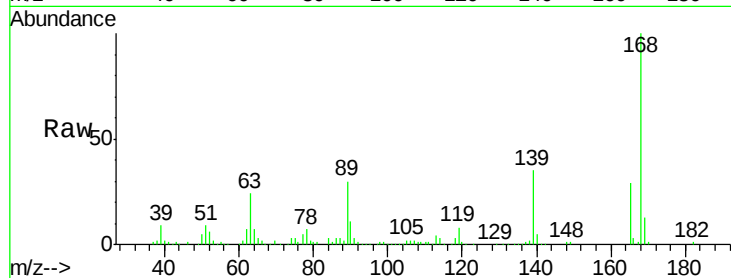




#56
2,4-Dinitrotoluene
Concen: 39.27 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	83.2	29.8	44.6#
89	106.2	44.5	66.7#
182	2.0	3.0	4.4#

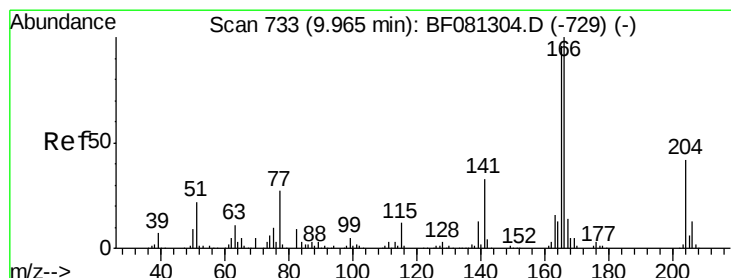
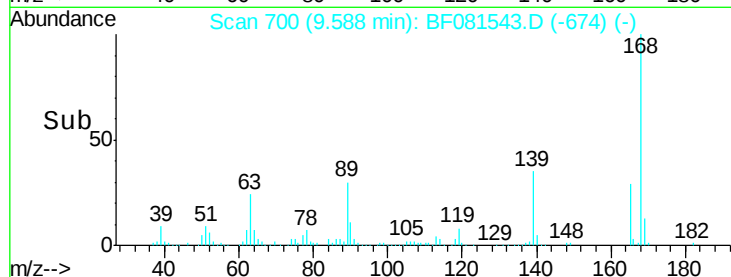
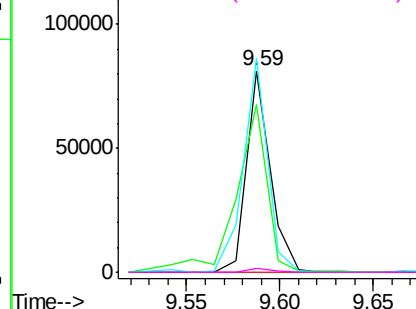


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

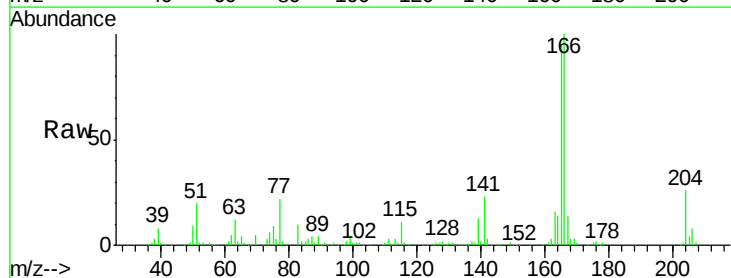
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 43.76 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

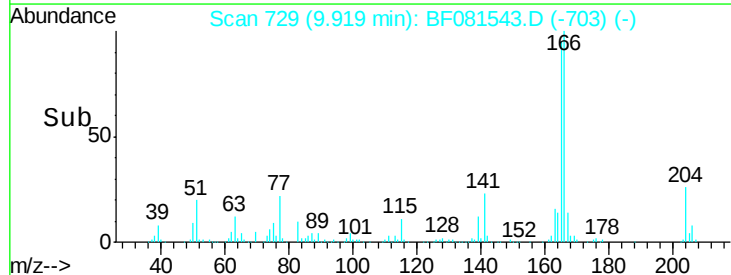
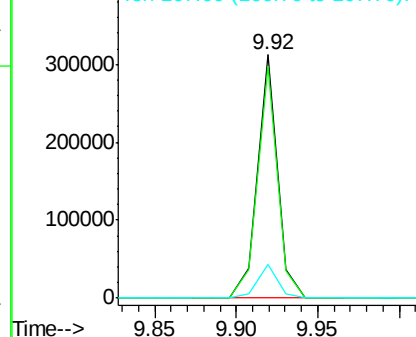
Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.4	72.6	109.0
167	14.0	10.6	16.0

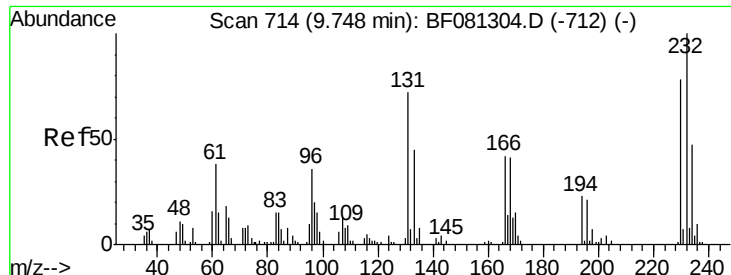


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

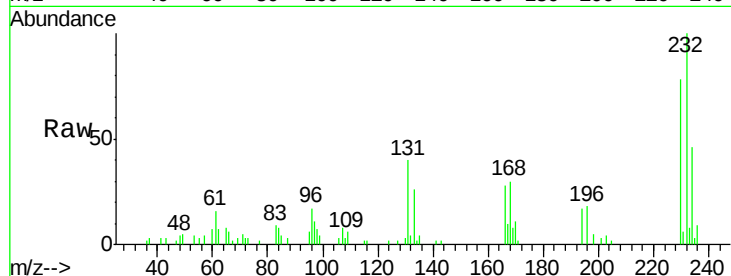




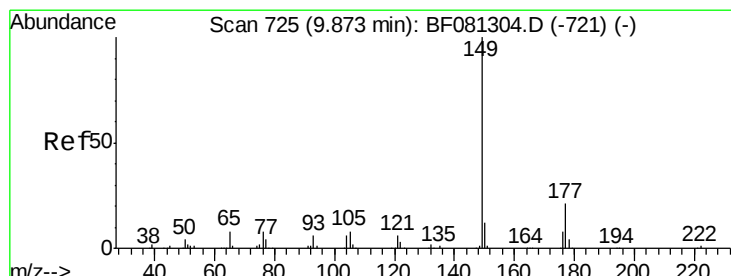
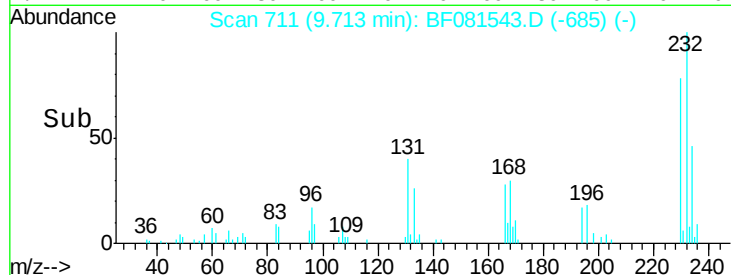
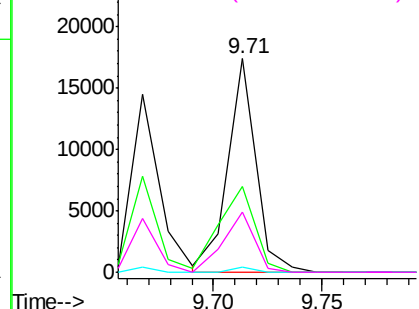
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 11.19 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232 Resp: 15591
 Ion Ratio Lower Upper
 232 100
 131 50.7 38.5 57.7
 130 2.0 1.8 2.6
 166 0.0 25.0 37.6#

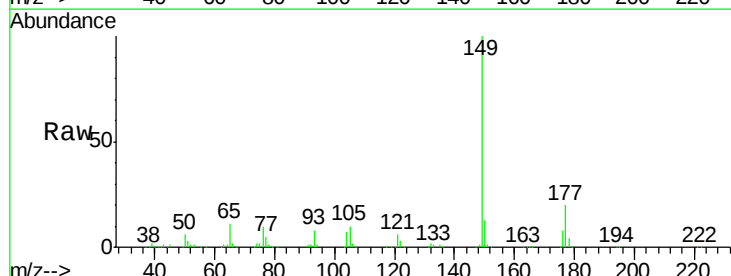


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

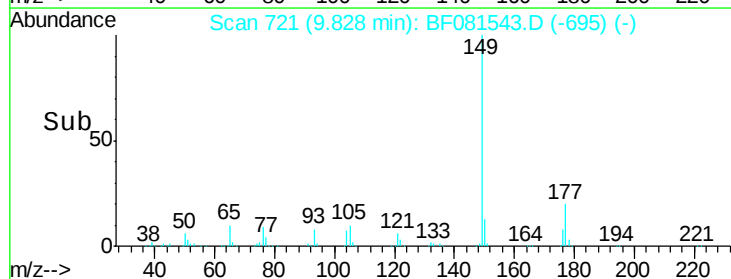
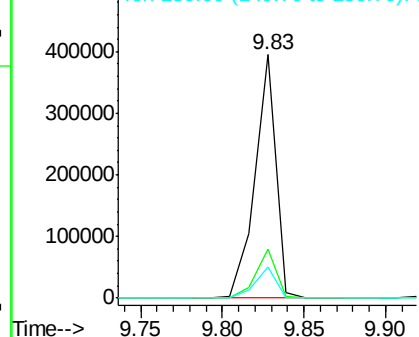


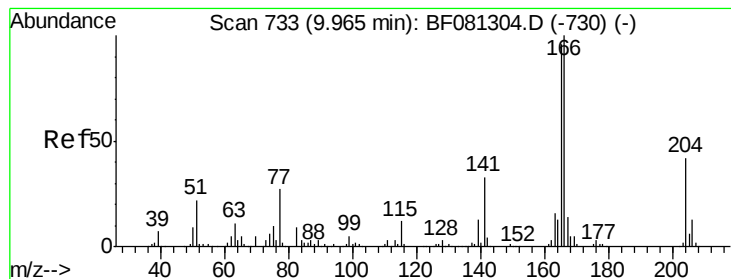
#59
 Diethylphthalate
 Concen: 52.45 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:149 Resp: 351251
 Ion Ratio Lower Upper
 149 100
 177 20.4 17.5 26.3
 150 12.6 9.4 14.2



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

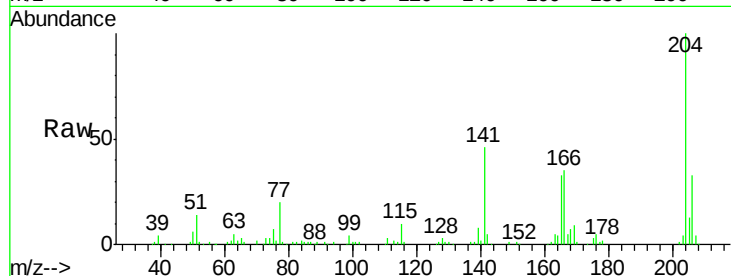




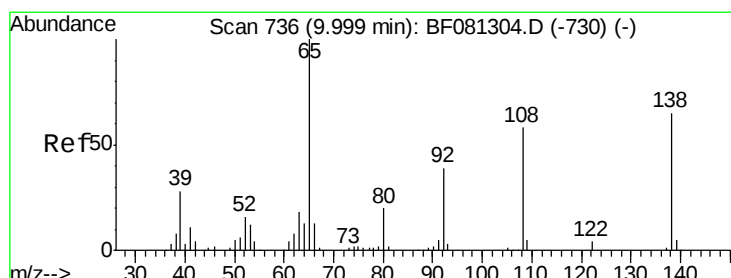
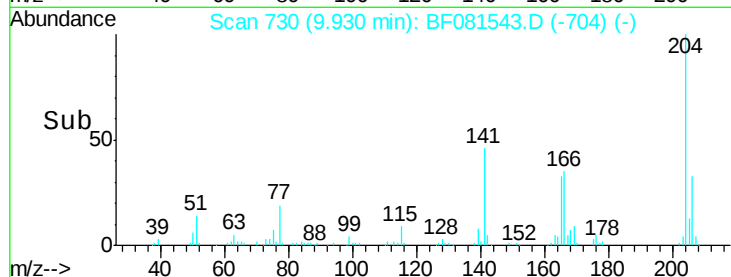
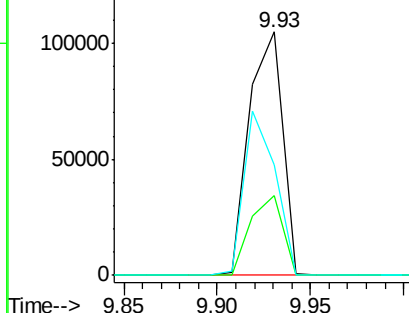
#60
 4-Chlorophenyl-phenylether
 Concen: 45.80 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	45.6	42.2	63.4

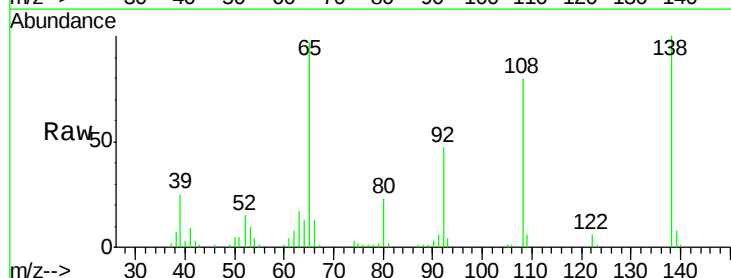


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

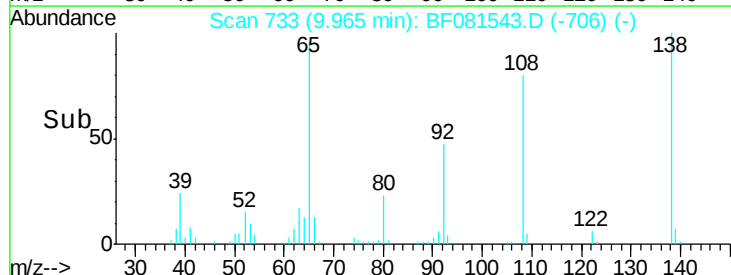
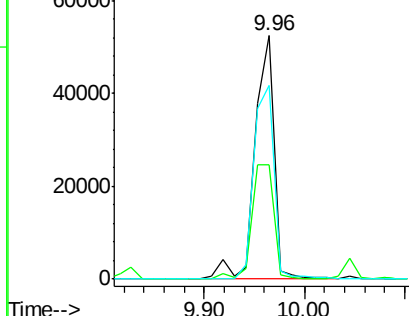


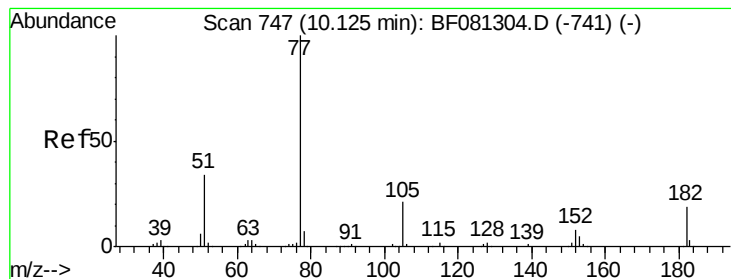
#61
 4-Nitroaniline
 Concen: 42.07 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.01 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	12.6	52.6
108	79.8	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: 44.10 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 328331

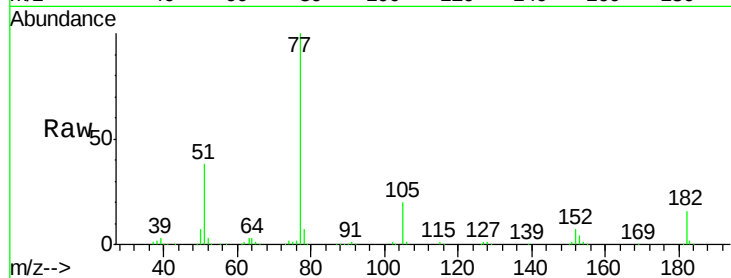
Ion Ratio Lower Upper

77 100

182 16.3 15.1 55.1

105 20.3 3.4 43.4

51 38.4 12.0 52.0

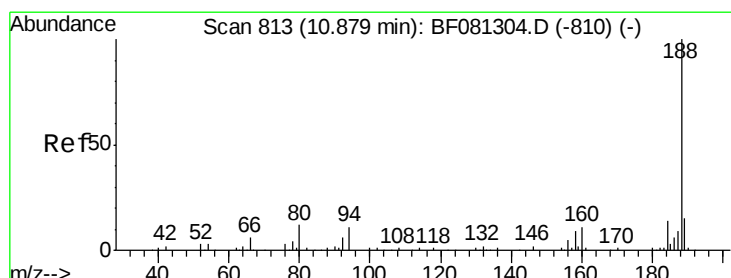
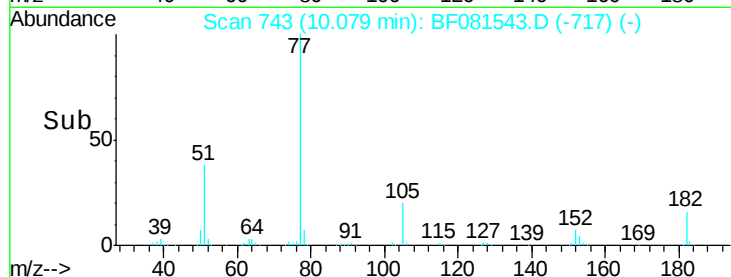
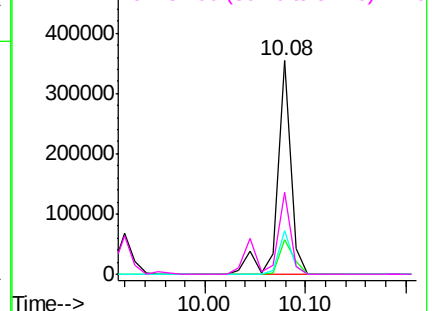


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF081543.D

Acq: 9 Sep 2015 3:39

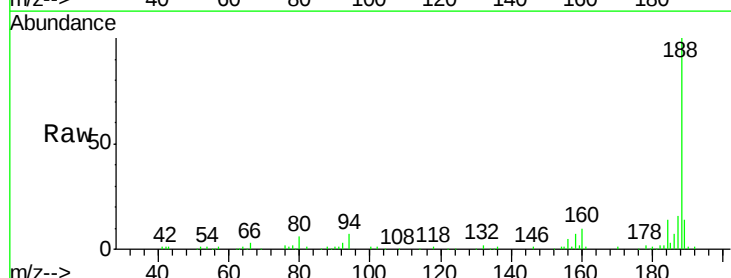
Tgt Ion: 188 Resp: 133354

Ion Ratio Lower Upper

188 100

94 6.6 11.1 16.7#

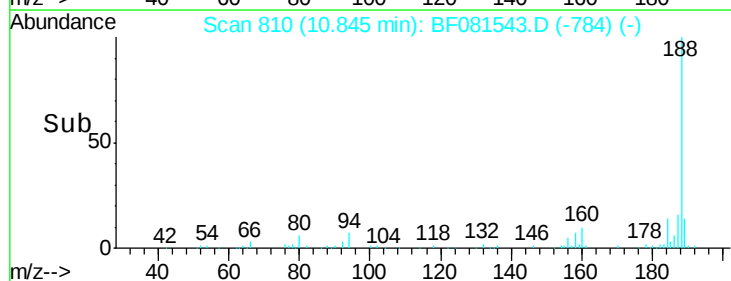
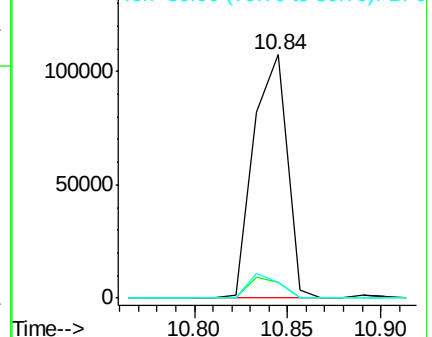
80 6.4 11.0 16.4#

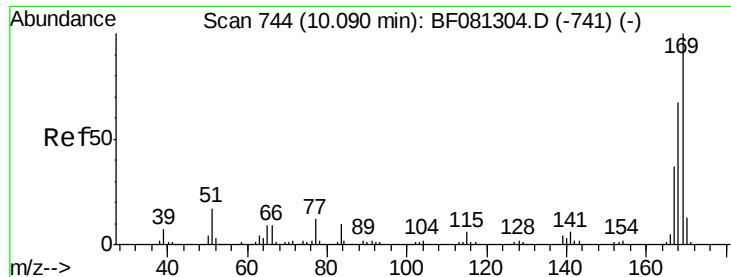


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

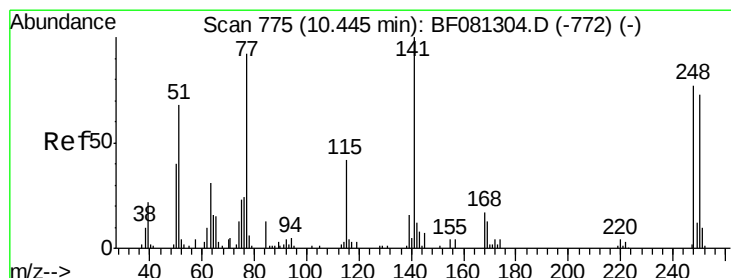
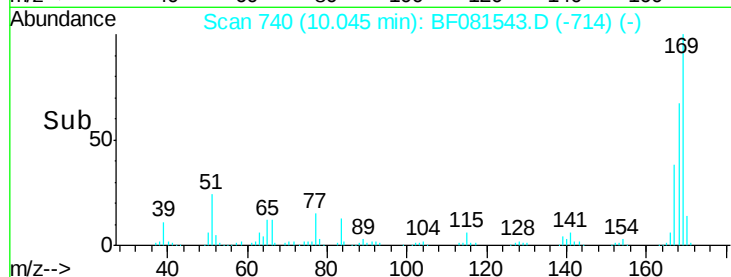
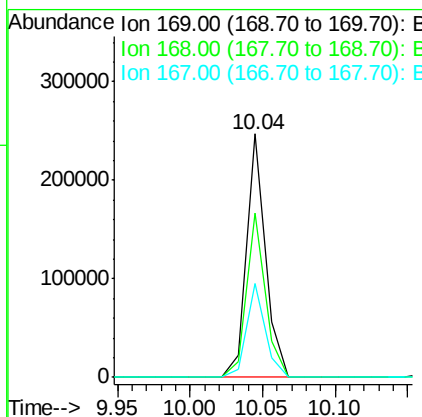
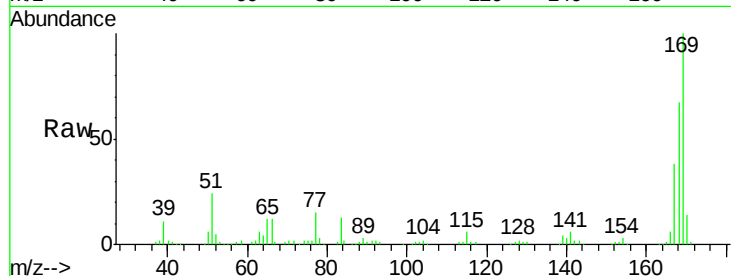




#65
 n-Nitrosodiphenylamine
 Concen: 46.28 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

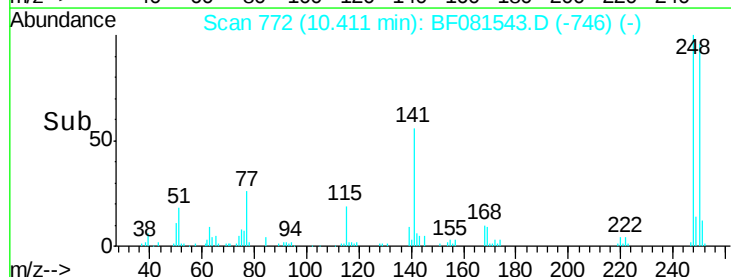
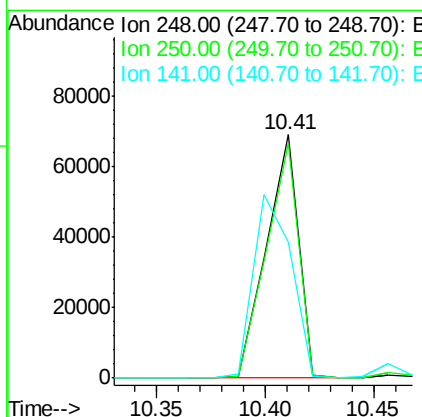
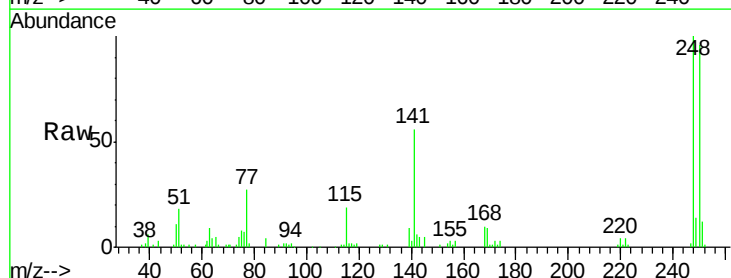
Instrument :
 BNA_F
 ClientSampleId :

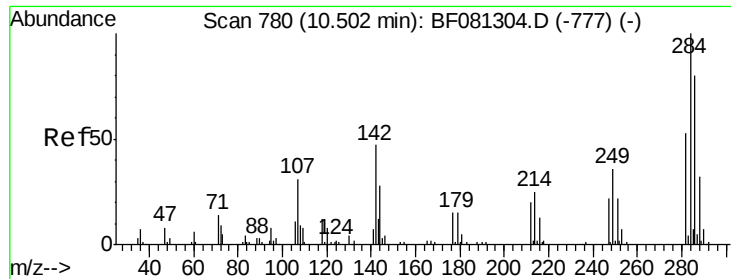
Tot Ion:169 Resp: 224585
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 38.4 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 52.98 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:248 Resp: 71432
 Ion Ratio Lower Upper
 248 100
 250 96.1 78.5 117.7
 141 56.1 59.0 88.6#





#67

Hexachlorobenzene

Concen: 46.87 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

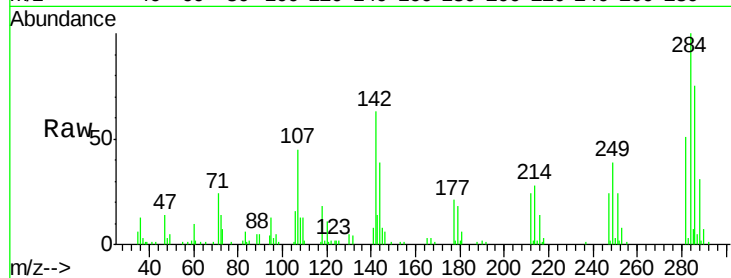
Tot Ion:284 Resp: 66074

Ion Ratio Lower Upper

284 100

142 62.6 29.5 44.3#

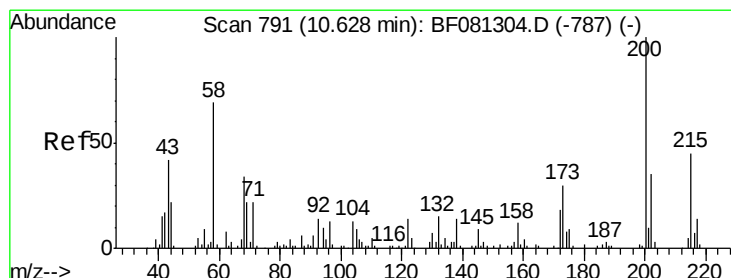
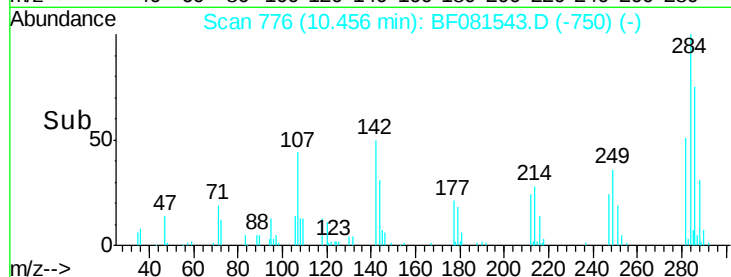
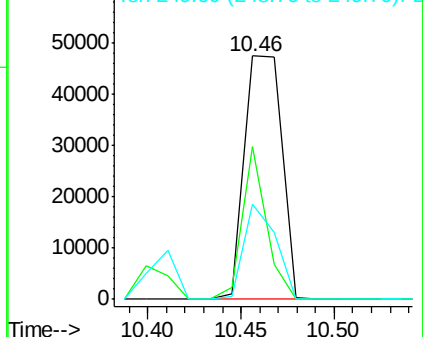
249 38.9 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.74 ng

RT: 10.58 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

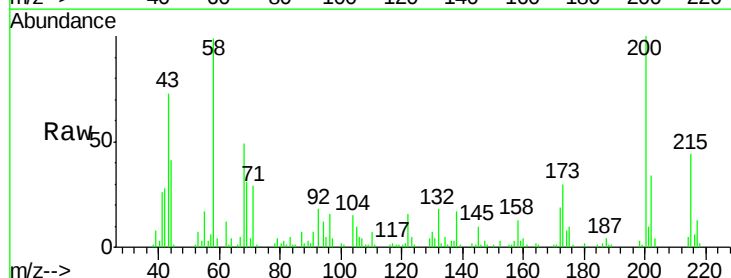
Tgt Ion:200 Resp: 65639

Ion Ratio Lower Upper

200 100

173 30.1 13.2 53.2

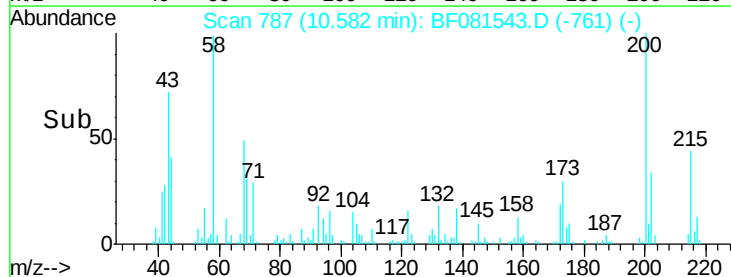
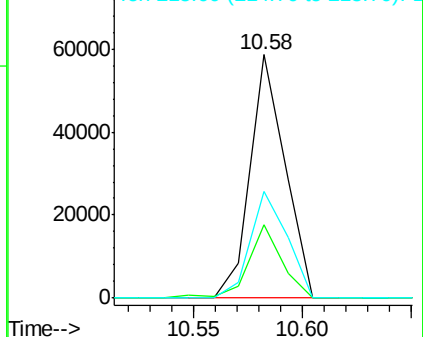
215 43.7 41.8 81.8

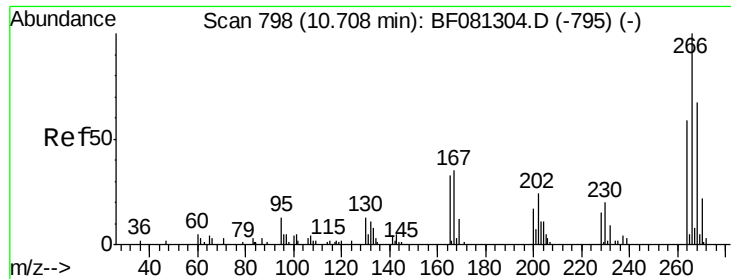


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

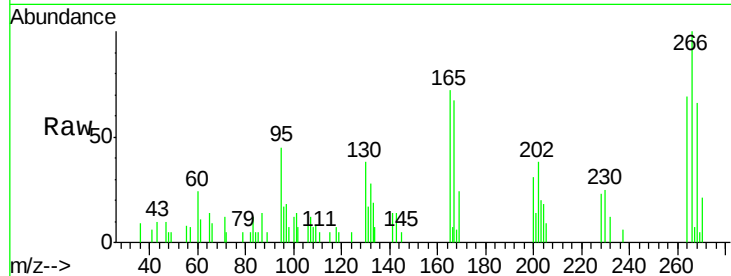




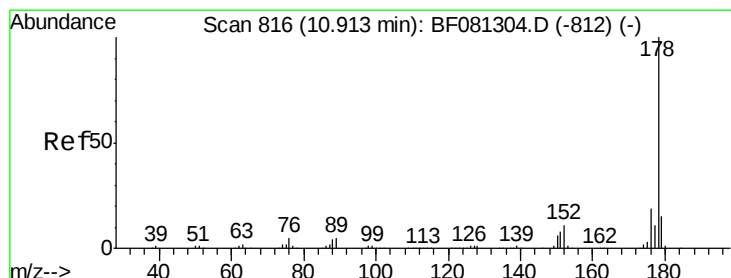
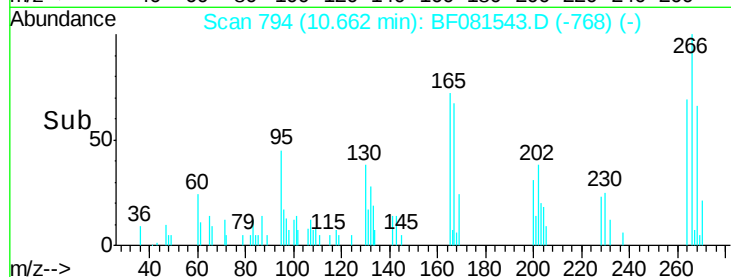
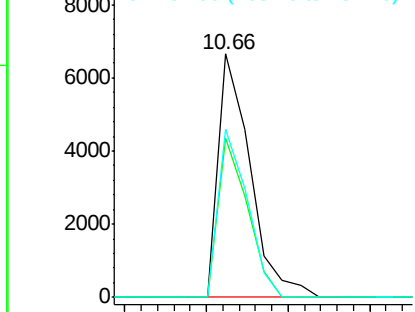
#69
 Pentachlorophenol
 Concen: 20.47 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 9035
 Ion Ratio Lower Upper
 266 100
 268 65.6 49.8 74.6
 264 68.9 50.2 75.2

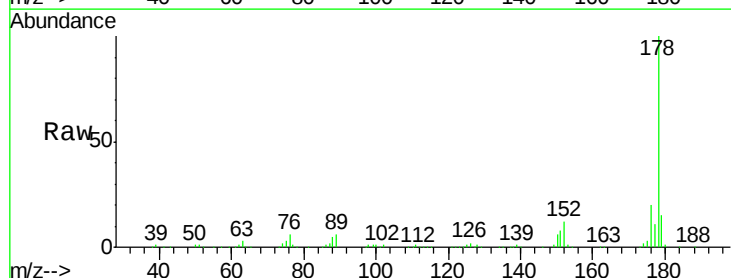


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

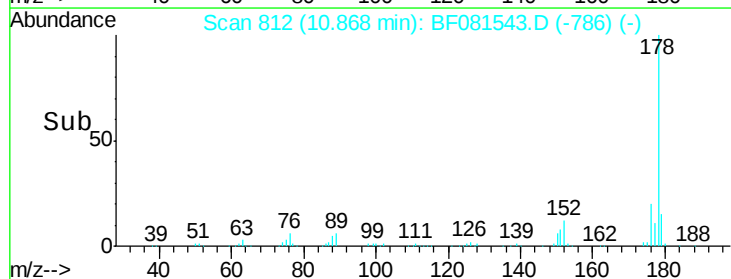
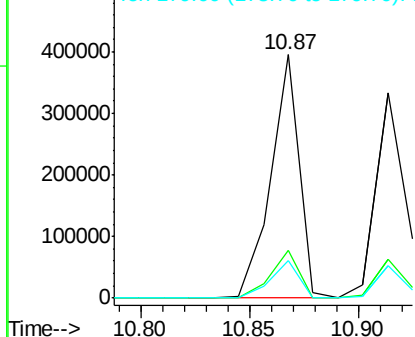


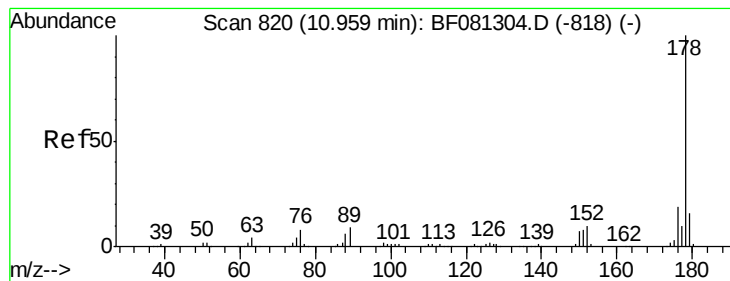
#70
 Phenanthrene
 Concen: 48.66 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:178 Resp: 360733
 Ion Ratio Lower Upper
 178 100
 176 19.7 13.8 20.8
 179 15.2 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: 41.05 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampled :

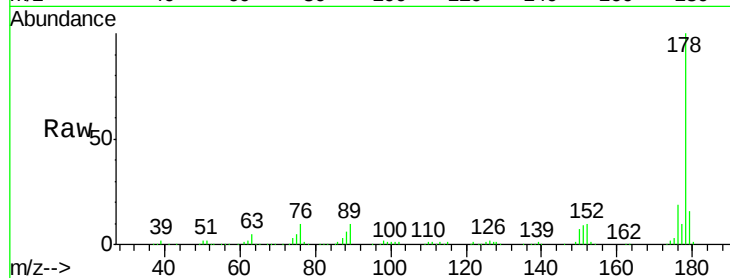
Tot Ion:178 Resp: 312695

Ion Ratio Lower Upper

178 100

176 18.7 14.1 21.1

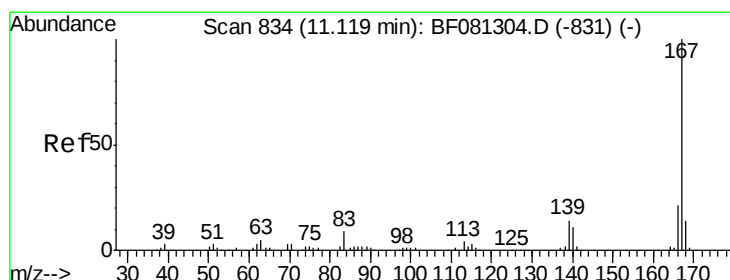
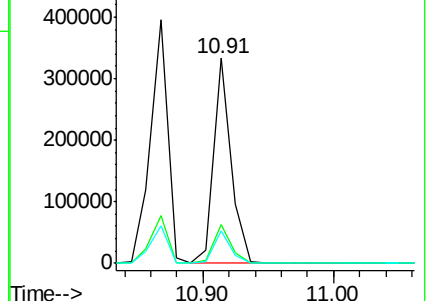
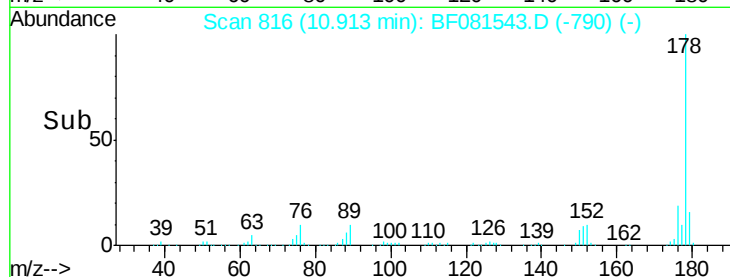
179 16.1 12.2 18.2



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: 47.52 ng

RT: 11.08 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

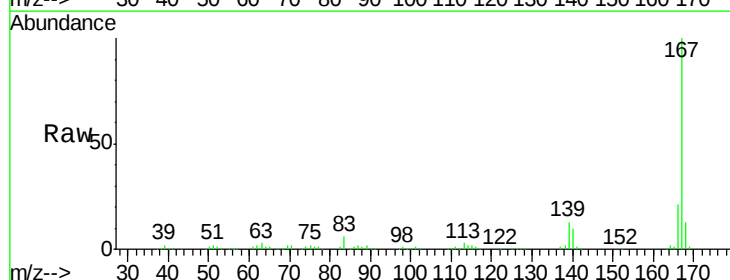
Tgt Ion:167 Resp: 339662

Ion Ratio Lower Upper

167 100

166 21.4 15.7 23.5

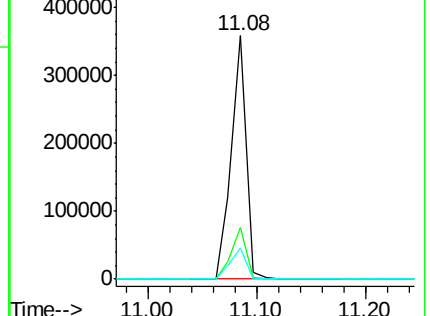
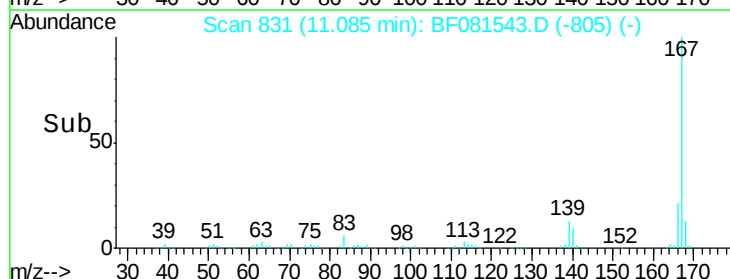
139 13.0 9.5 14.3

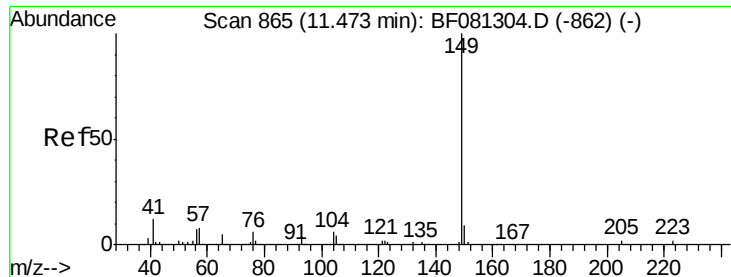


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.87 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

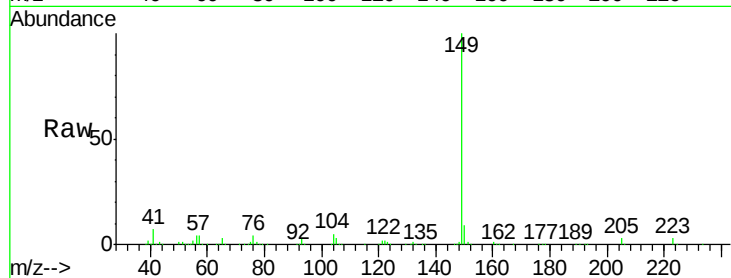
Tot Ion:149 Resp: 446208

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

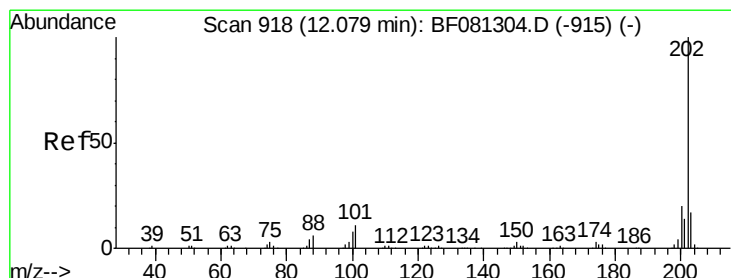
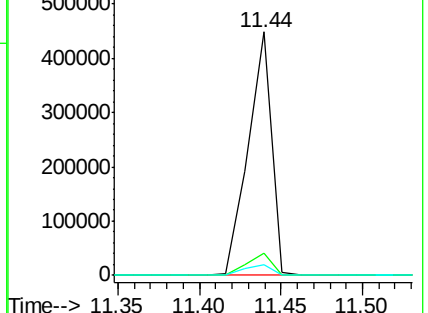
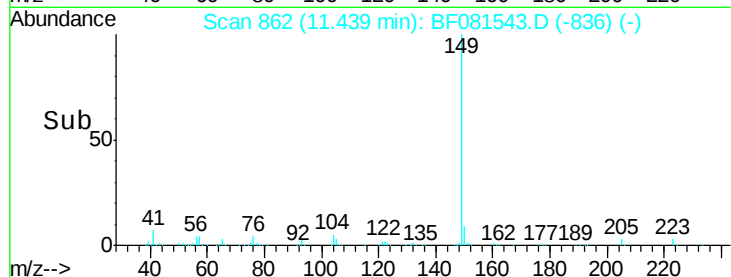
104 4.5 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.63 ng

RT: 12.03 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

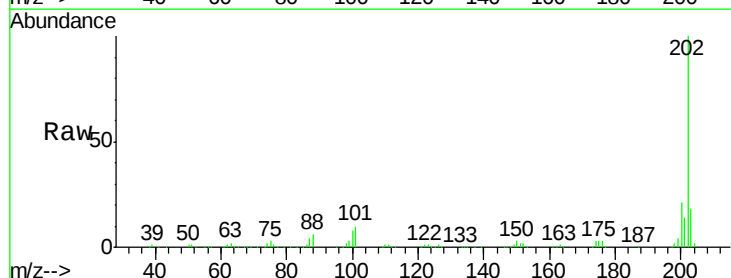
Tgt Ion:202 Resp: 285996

Ion Ratio Lower Upper

202 100

101 10.4 0.0 38.3

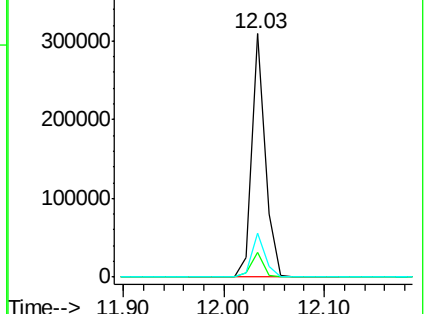
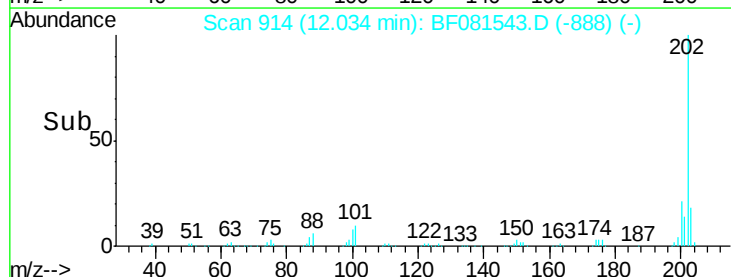
203 17.9 0.0 37.3

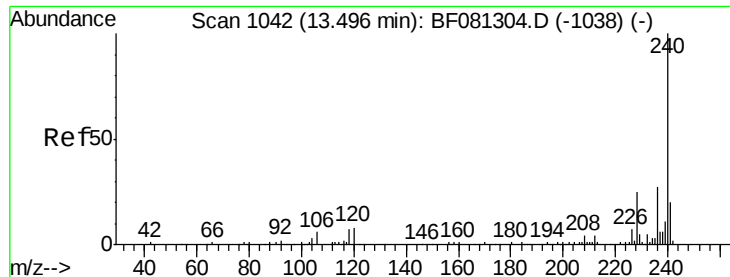


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

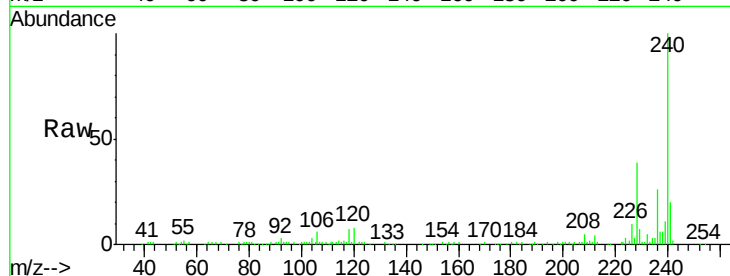
Tot Ion:240 Resp: 101717

Ion Ratio Lower Upper

240 100

120 7.7 16.2 24.2#

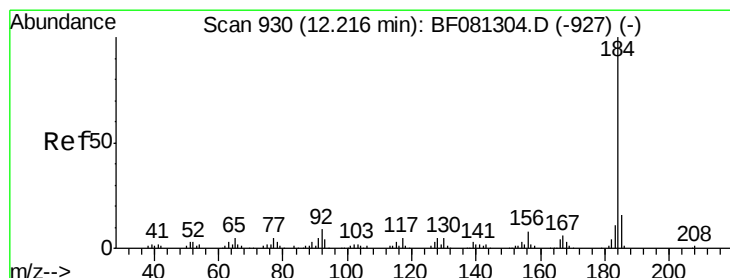
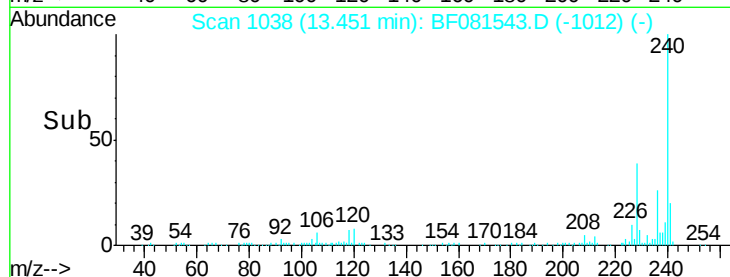
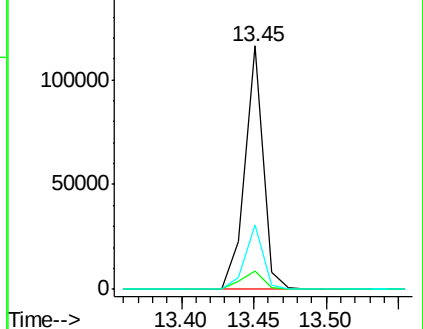
236 26.3 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.55 ng

RT: 12.18 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

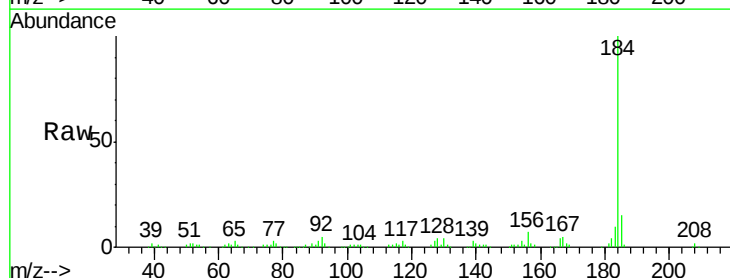
Tgt Ion:184 Resp: 181426

Ion Ratio Lower Upper

184 100

185 14.6 11.8 17.6

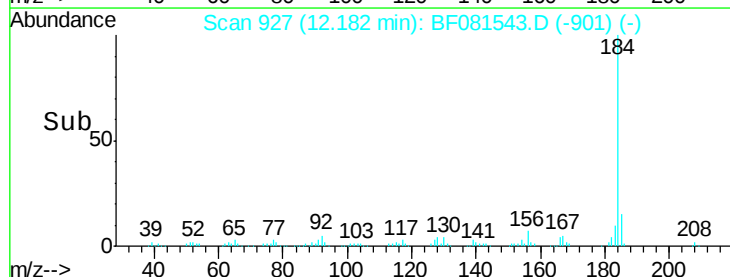
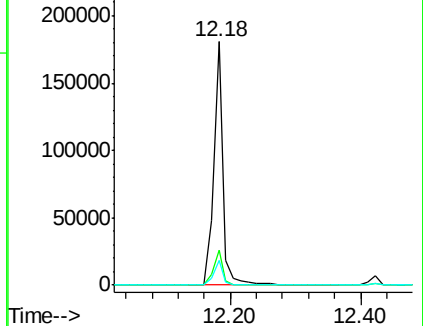
183 10.2 7.6 11.4

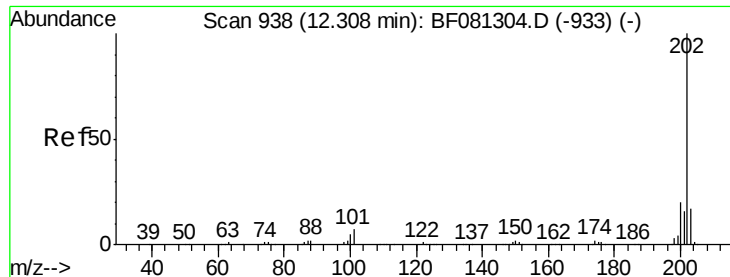


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

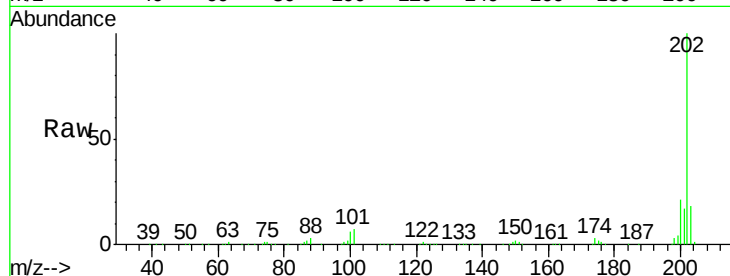




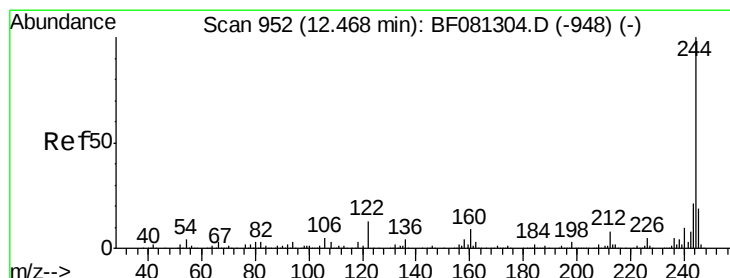
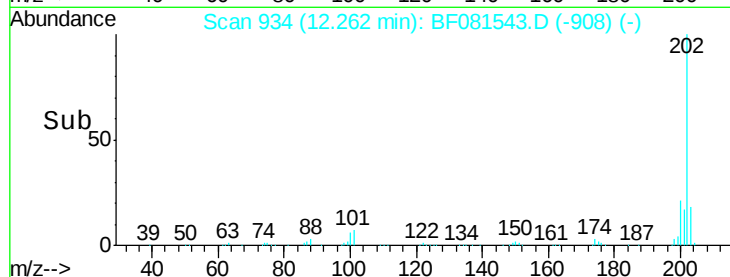
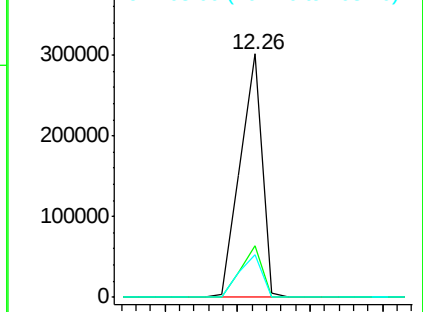
#77
 Pvrene
 Concen: 42.07 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.0	22.4
203	17.5	14.1	21.1

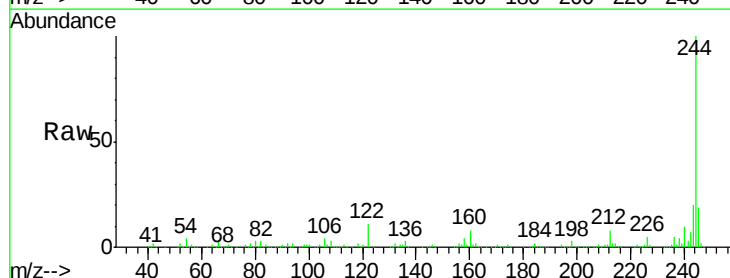


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

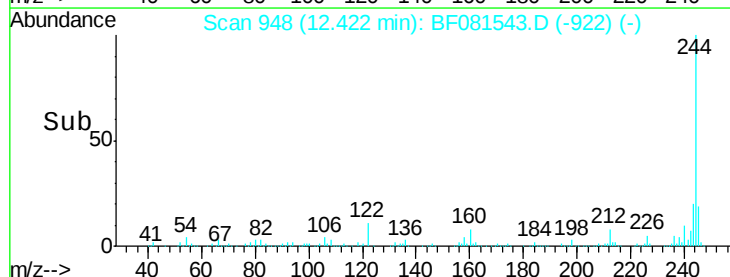
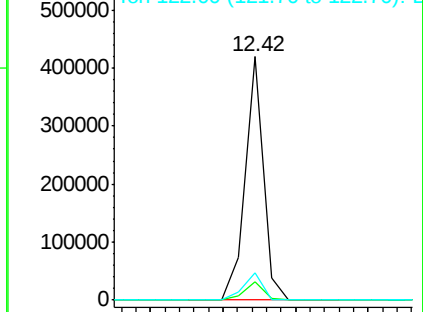


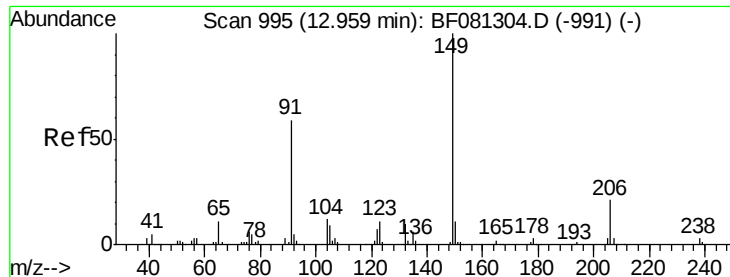
#78
 Terphenyl-d14
 Concen: 83.73 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	11.0	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

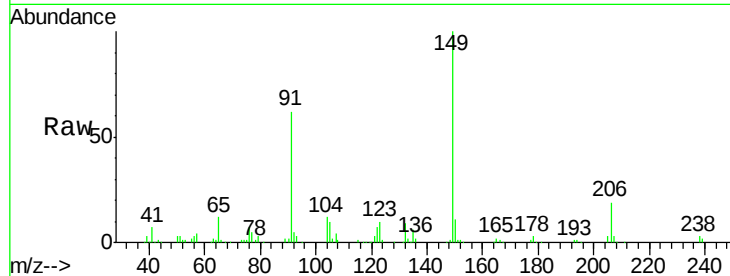




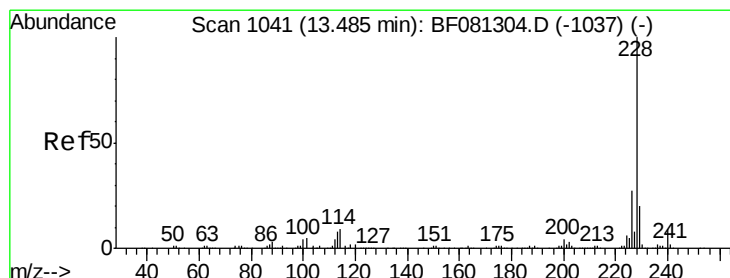
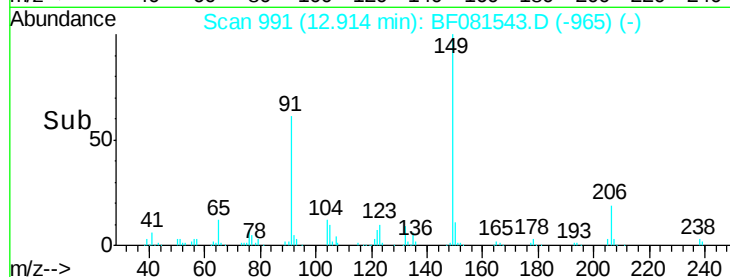
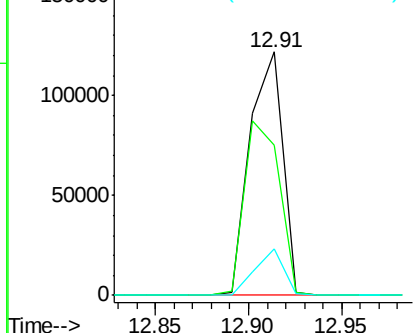
#79
Butylbenzylphthalate
Concen: 45.36 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.5	48.6	72.8
206	19.0	14.9	22.3

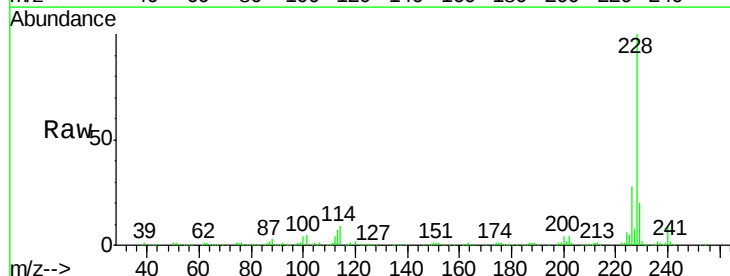


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

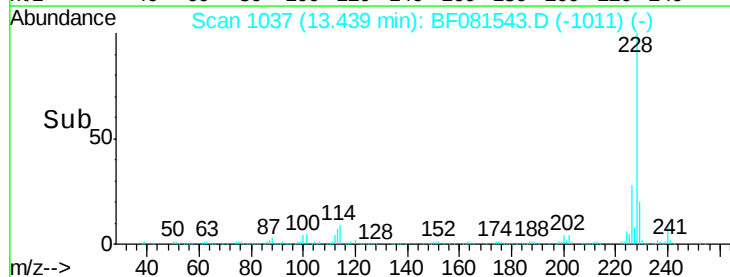
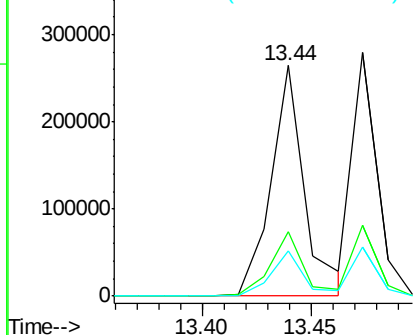


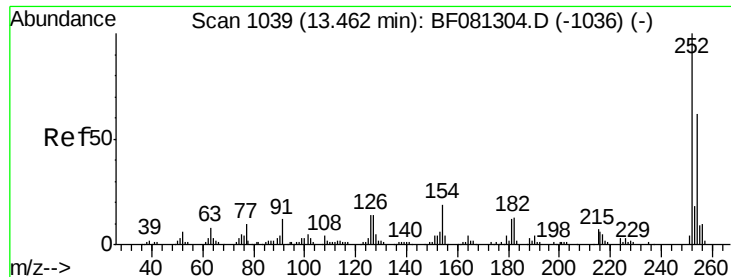
#80
Benzo(a)anthracene
Concen: 44.13 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	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

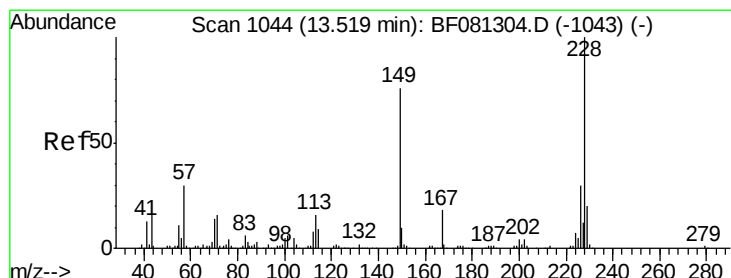
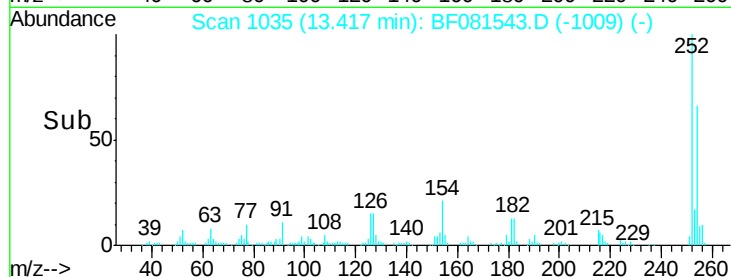
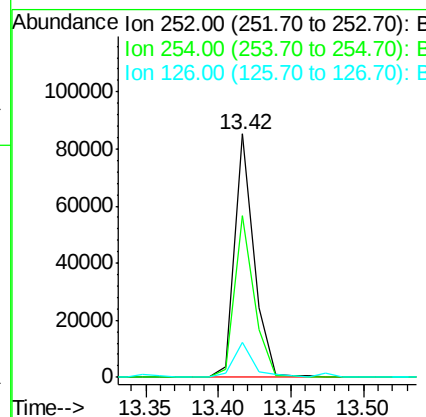
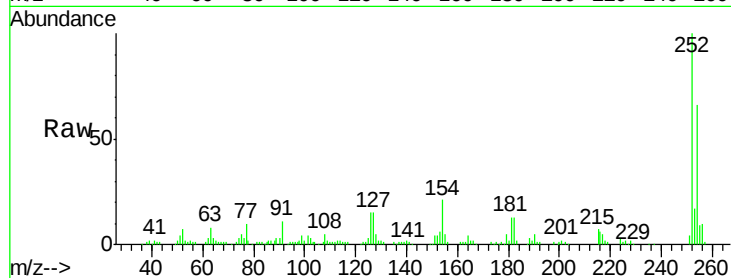




#81
 3,3'-Dichlorobenzidine
 Concen: 36.24 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

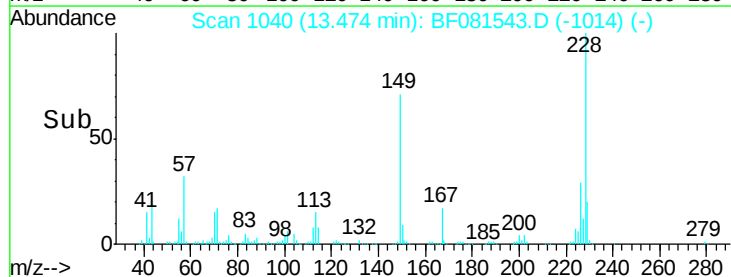
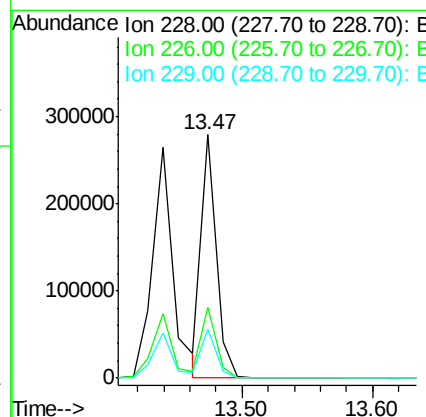
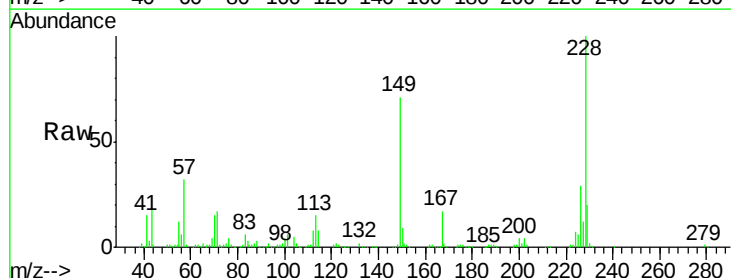
Instrument :
 BNA_F
 ClientSampleId :

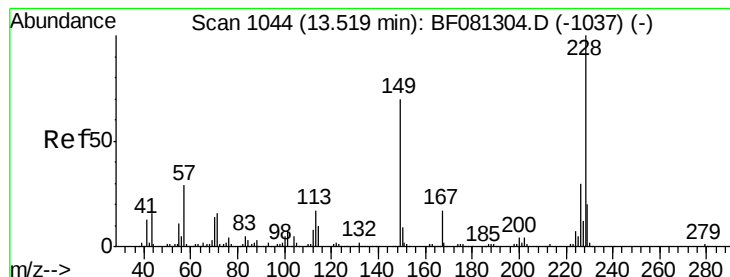
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.4	77.2
126	14.6	16.4	24.6



#82
 Chrysene
 Concen: 38.61 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.0	31.4
229	20.1	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.19 ng

RT: 13.47 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

Instrument :

BNA_F

ClientSampleId :

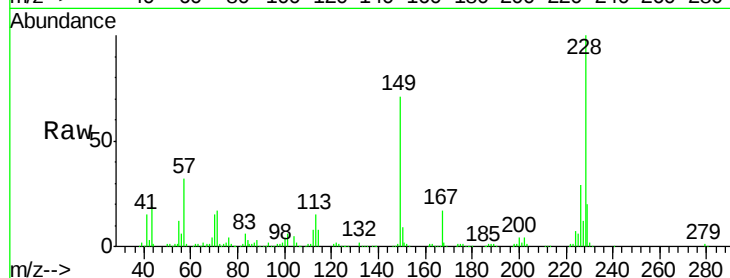
Tot Ion:149 Resp: 199731

Ion Ratio Lower Upper

149 100

167 23.9 24.2 36.2#

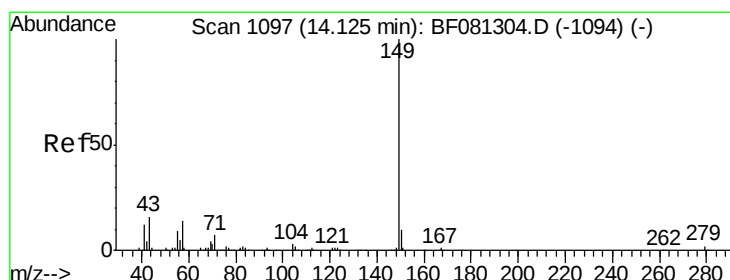
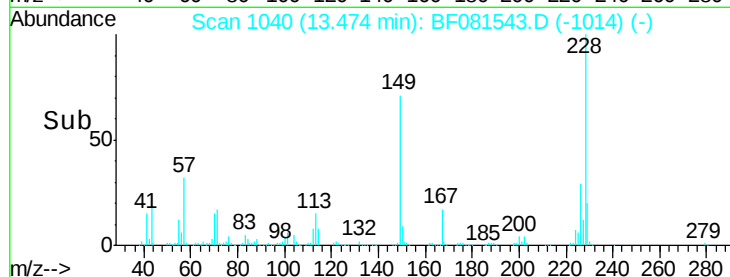
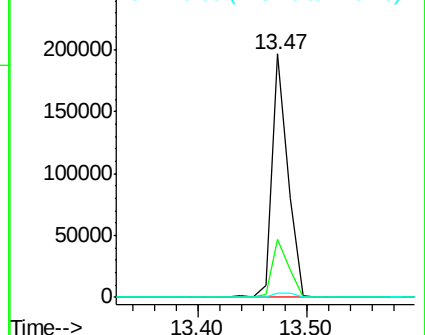
279 1.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.14 ng

RT: 14.08 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BF081543.D

Acq: 9 Sep 2015 3:39

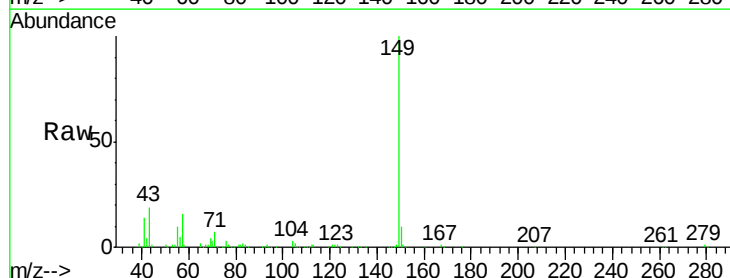
Tgt Ion:149 Resp: 342752

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

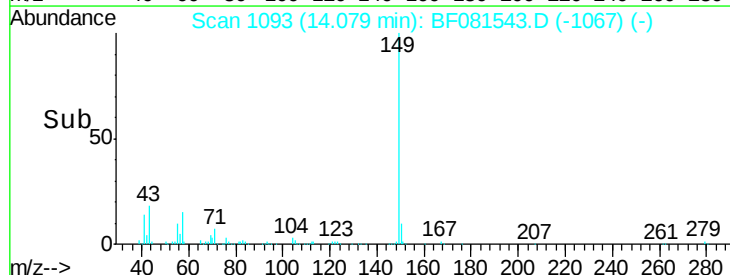
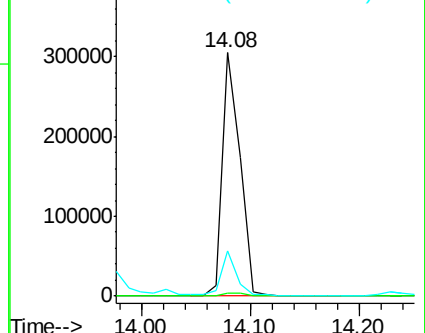
43 15.5 10.2 15.2#

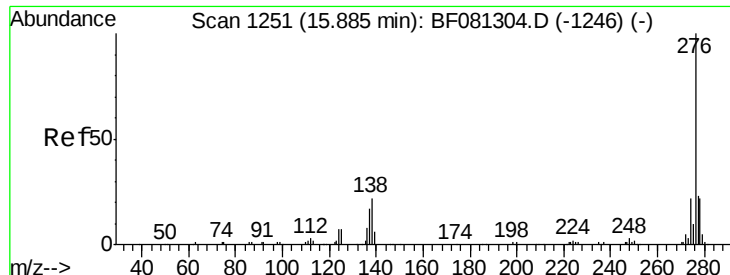


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

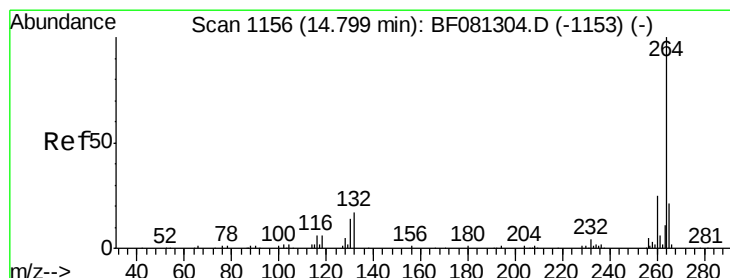
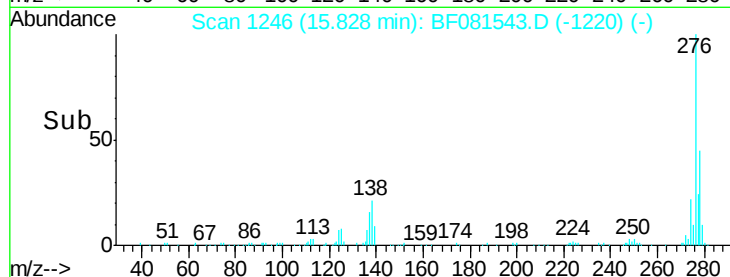
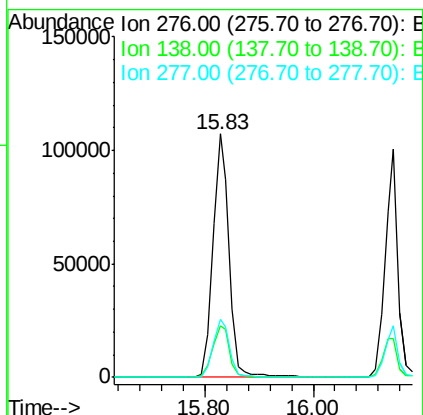
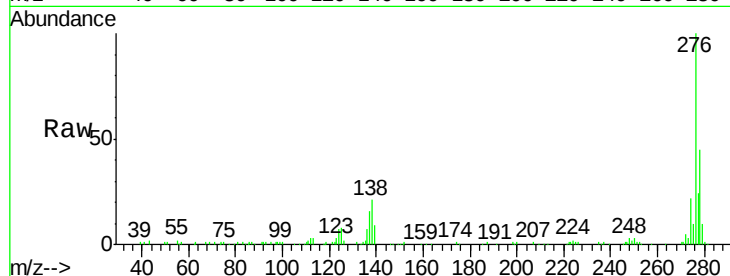




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.97 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

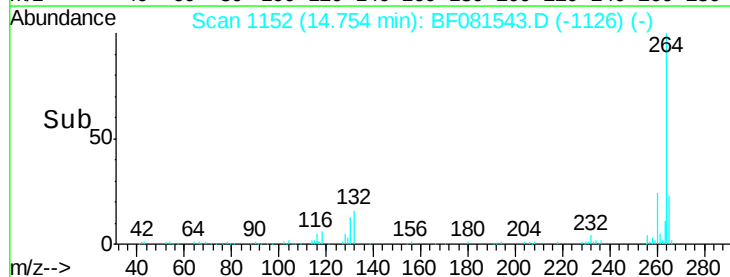
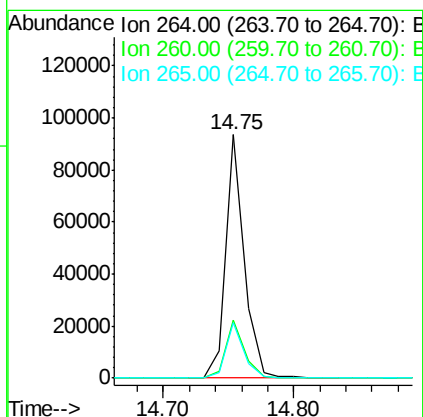
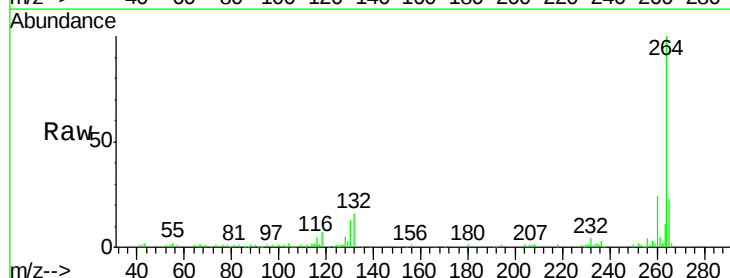
Instrument :
 BNA_F
 ClientSampleId :

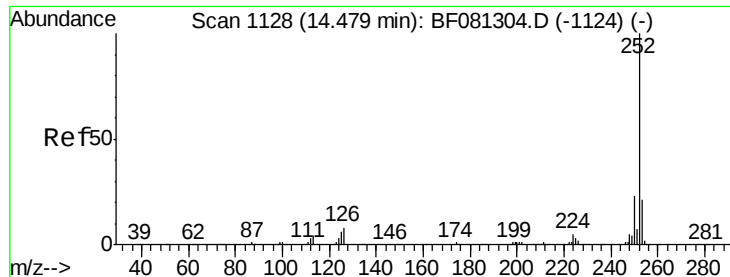
Tot Ion:276 Resp: 225681
 Ion Ratio Lower Upper
 276 100
 138 22.1 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Tgt Ion:264 Resp: 92155
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 22.9 17.2 25.8

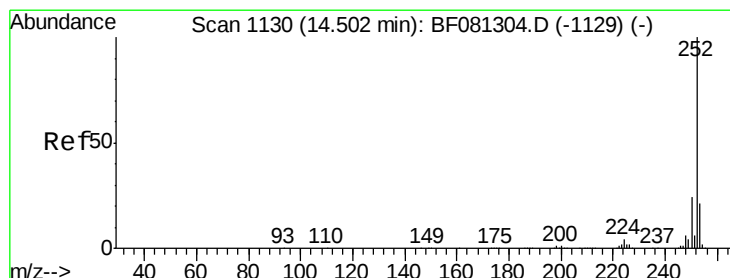
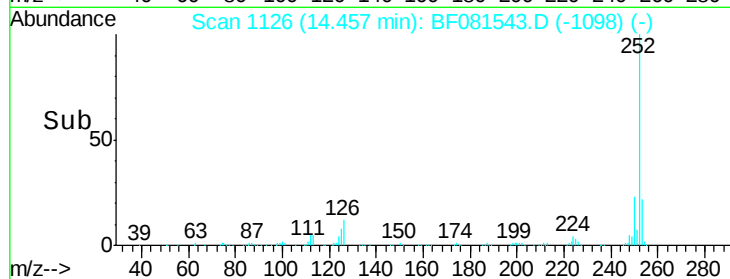
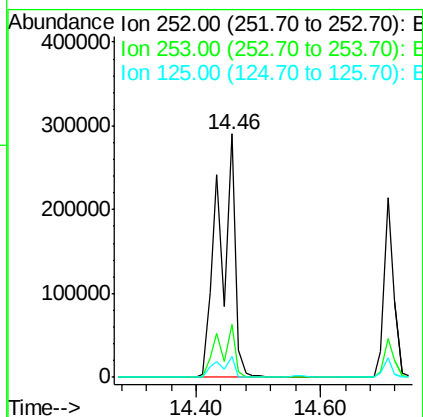
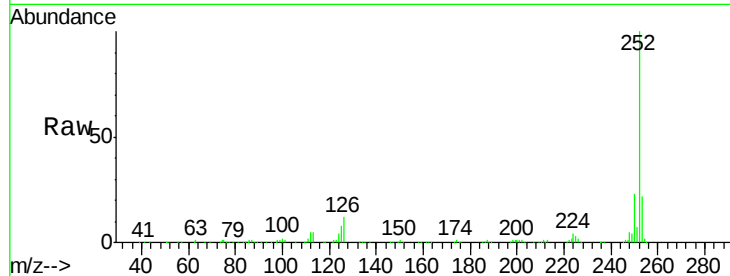




#87
Benzo(b)fluoranthene
Concen: 79.89 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.02 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

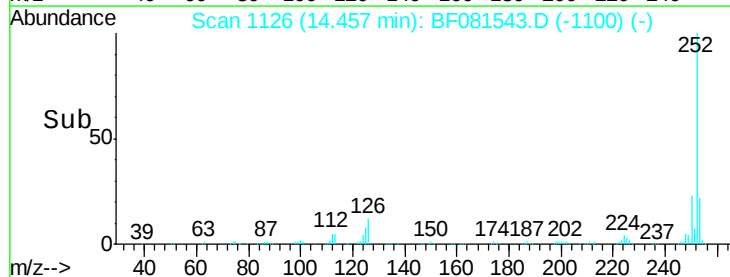
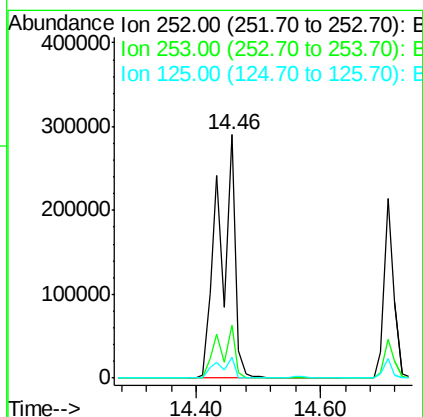
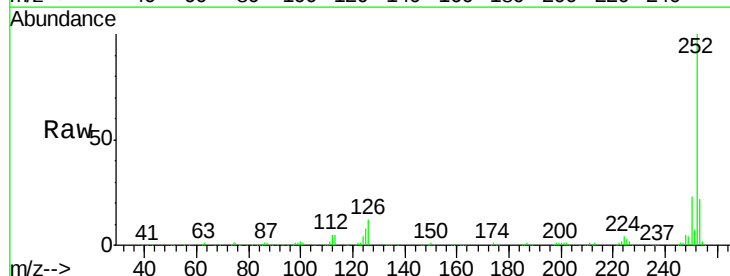
Instrument :
BNA_F
ClientSampleId :

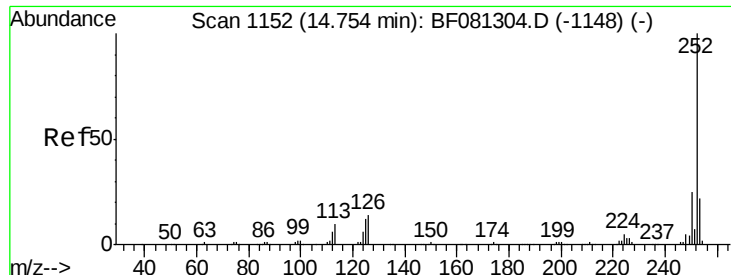
Tot Ion:252 Resp: 525624
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.4 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 96.28 ng
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:252 Resp: 525624
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 8.4 16.0 24.0#

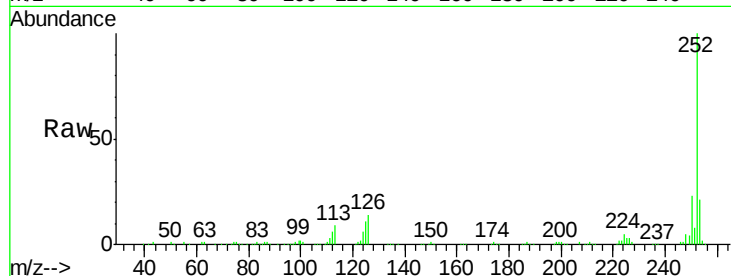




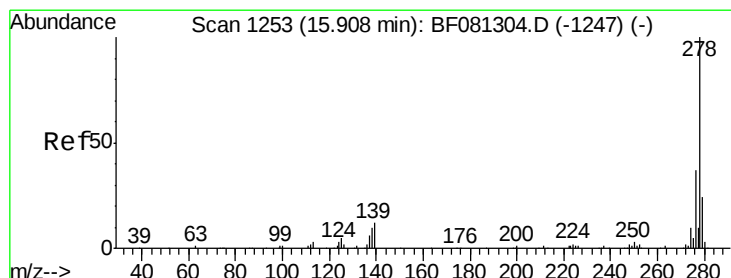
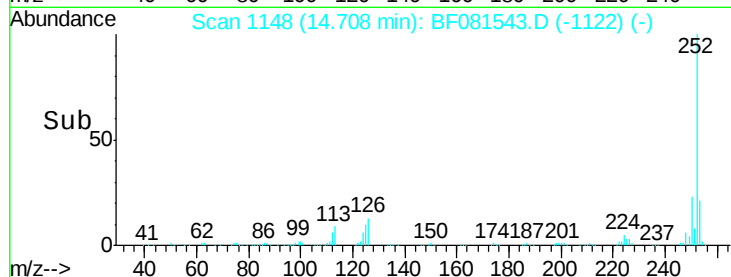
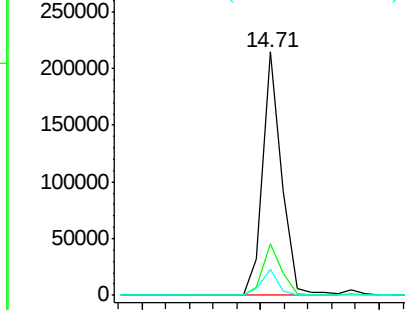
#89
Benzo(a)pyrene
Concen: 43.09 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 240238
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 10.7 18.0 27.0#

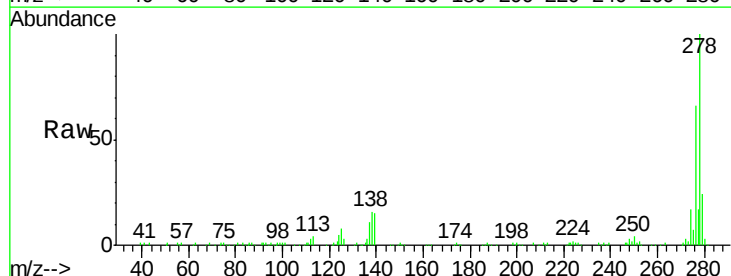


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

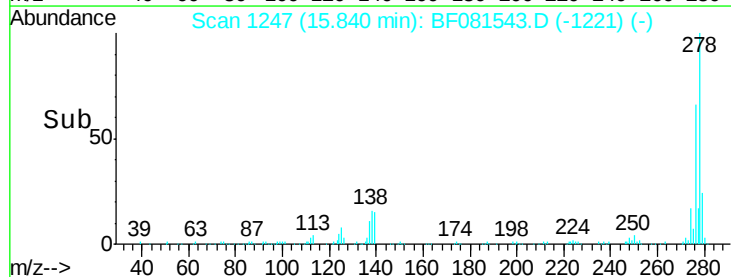
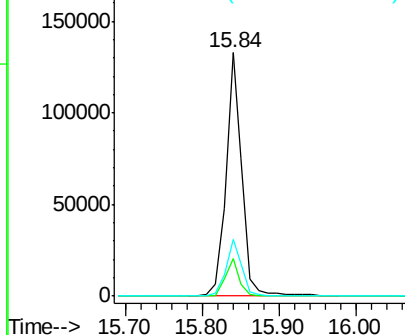


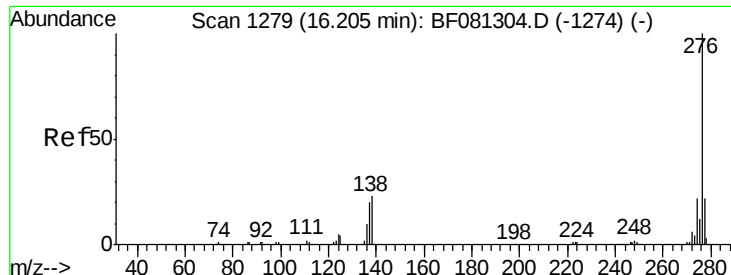
#90
Dibenzo(a,h)anthracene
Concen: 45.19 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081543.D
Acq: 9 Sep 2015 3:39

Tgt Ion:278 Resp: 194670
Ion Ratio Lower Upper
278 100
139 15.5 26.3 39.5#
279 23.5 18.2 27.4



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





#91
 Benzo(a,h,i)perylene
 Concen: 41.39 ng
 RT: 16.15 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF081543.D
 Acq: 9 Sep 2015 3:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 170168
 Ion Ratio Lower Upper
 276 100
 277 22.7 17.8 26.6
 138 16.9 34.6 51.8#

