

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081385.D
 Acq On : 3 Sep 2015 19:44
 Operator : UM/IZ
 Sample : PB85376BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Quant Time: Sep 04 02:06:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	56682	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	225214	20.00	ng	-0.01
38) Acenaphthene-d10	9.40	164	113177	20.00	ng	0.00
63) Phenanthrene-d10	10.87	188	222278	20.00	ng	0.00
75) Chrysene-d12	13.47	240	166540	20.00	ng	0.00
86) Perylene-d12	14.78	264	108891	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.92	112	260924	71.42	ng	0.01
7) Phenol-d6	6.04	99	373501	77.24	ng	0.00
23) Nitrobenzene-d5	6.95	82	308395	66.07	ng	0.00
41) 2,4,6-Tribromophenol	10.19	330	67380	66.86	ng	0.00
44) 2-Fluorobiphenyl	8.74	172	509242	57.66	ng	-0.01
78) Terphenyl-d14	12.45	244	498216	69.64	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.77	88	45741	27.88	ng	# 87
3) Pyridine	2.31	79	146763	32.44	ng	# 89
4) n-Nitrosodimethylamine	2.27	42	87883	34.97	ng	# 77
6) Aniline	6.03	93	100683	14.74	ng	# 77
8) 2-Chlorophenol	6.16	128	146460	36.38	ng	93
9) Benzaldehyde	5.91	77	15388	5.08	ng	# 80
10) Phenol	6.06	94	220860	39.38	ng	# 61
11) bis(2-Chloroethyl)ether	6.12	93	156543	38.69	ng	97
12) 1,3-Dichlorobenzene	6.31	146	153008	35.57	ng	# 93
13) 1,4-Dichlorobenzene	6.39	146	153657	35.09	ng	# 90
14) 1,2-Dichlorobenzene	6.54	146	130942	33.21	ng	# 86
15) Benzyl Alcohol	6.54	79	133713	33.71	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	6.67	45	286270	36.91	ng	# 13
17) 2-Methylphenol	6.67	107	122267	38.06	ng	# 76
18) Hexachloroethane	6.88	117	59227	34.76	ng	91
19) n-Nitroso-di-n-propylamine	6.81	70	110042	33.43	ng	# 88
20) 3+4-Methylphenols	6.83	107	162031	37.41	ng	89
22) Acetophenone	6.80	105	219090	35.62	ng	# 79
24) Nitrobenzene	6.97	77	174068	35.91	ng	# 74
25) Isophorone	7.21	82	284532	32.77	ng	# 83
26) 2-Nitrophenol	7.29	139	75328	35.65	ng	# 68
27) 2,4-Dimethylphenol	7.35	122	123728	33.91	ng	# 77
28) bis(2-Chloroethoxy)methane	7.44	93	179027	35.70	ng	# 92
29) 2,4-Dichlorophenol	7.54	162	113841	35.98	ng	98
30) 1,2,4-Trichlorobenzene	7.61	180	124176	36.12	ng	99
31) Naphthalene	7.68	128	400034	33.31	ng	98
32) Benzoic acid	7.51	122	76376	30.30	ng	# 61
33) 4-Chloroaniline	7.75	127	42880	8.75	ng	# 87
34) Hexachlorobutadiene	7.80	225	70478	33.69	ng	98
35) Caprolactam	8.12	113	22828	23.52	ng	# 19
36) 4-Chloro-3-methylphenol	8.26	107	145350	41.04	ng	# 76
37) 2-Methylnaphthalene	8.38	142	285042	36.47	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	108106	30.20	ng	97
40) Hexachlorocyclopentadiene	8.52	237	114685	65.29	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	76749	31.07	nq	96
43) 2,4,5-Trichlorophenol	8.72	196	77839	30.89	nq	# 93
45) 1,1'-Biphenyl	8.84	154	348953	33.51	nq	95
46) 2-Chloronaphthalene	8.86	162	240473	31.98	nq	# 90
47) 2-Nitroaniline	8.97	65	110846	36.17	nq	# 72
48) Acenaphthylene	9.27	152	425409	31.89	nq	97
49) Dimethylphthalate	9.16	163	294205	33.46	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	56687	28.40	nq	# 6
51) Acenaphthene	9.44	154	251123	33.09	nq	88
52) 3-Nitroaniline	9.37	138	29843	13.13	nq	# 29
53) 2,4-Dinitrophenol	9.48	184	54705	65.08	nq	# 1
54) Dibenzofuran	9.61	168	391606	35.34	nq	# 89
55) 4-Nitrophenol	9.61	139	256867	179.96	nq	# 32
56) 2,4-Dinitrotoluene	9.61	165	75903	29.87	nq	# 4
57) Fluorene	9.94	166	277775	33.03	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.74	232	69270	36.00	nq	92
59) Diethylphthalate	9.85	149	292773	31.65	nq	93
60) 4-Chlorophenyl-phenylether	9.95	204	141854	36.19	nq	92
61) 4-Nitroaniline	9.99	138	69832	30.42	nq	# 30
62) Azobenzene	10.10	77	346365	33.68	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.02	198	40620	32.67	nq	# 74
65) n-Nitrosodiphenylamine	10.08	169	247280	30.57	nq	92
66) 4-Bromophenyl-phenylether	10.43	248	79983	35.59	nq	100
67) Hexachlorobenzene	10.49	284	80003	34.04	nq	# 81
68) Atrazine	10.62	200	86454	36.94	nq	82
69) Pentachlorophenol	10.68	266	78129	69.57	nq	98
70) Phenanthrene	10.89	178	403989	32.69	nq	96
71) Anthracene	10.95	178	432932	34.10	nq	98
72) Carbazole	11.11	167	402274	33.77	nq	97
73) Di-n-butylphthalate	11.46	149	489793	34.82	nq	# 98
74) Fluoranthene	12.07	202	456237	34.10	nq	85
76) Benzidine	12.20	184	158772	22.21	nq	98
77) Pyrene	12.28	202	472007	38.26	nq	98
79) Butylbenzylphthalate	12.94	149	197909	36.89	nq	# 82
80) Benzo(a)anthracene	13.46	228	367913	34.69	nq	97
81) 3,3'-Dichlorobenzidine	13.44	252	49933	13.96	nq	98
82) Chrysene	13.46	228	367913	38.70	nq	98
83) Bis(2-ethylhexyl)phthalate	13.51	149	257149	36.32	nq	# 92
84) Di-n-octyl phthalate	14.11	149	376012	32.25	nq	97
85) Indeno(1,2,3-cd)pyrene	15.86	276	211144	30.27	nq	# 87
87) Benzo(b)fluoranthene	14.48	252	537249	69.11	nq	# 86
88) Benzo(k)fluoranthene	14.48	252	537249	83.29	nq	# 87
89) Benzo(a)pyrene	14.73	252	230999	35.07	nq	# 88
90) Dibenzo(a,h)anthracene	15.87	278	177706	34.91	nq	# 80
91) Benzo(g,h,i)perylene	16.18	276	179261	36.90	nq	# 73

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

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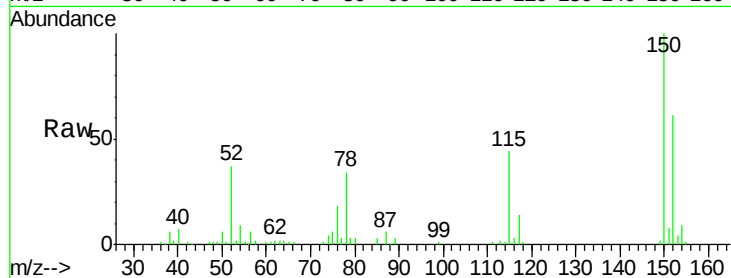
Tot Ion:152 Resp: 56682

Ion Ratio Lower Upper

152 100

150 163.9 124.7 187.1

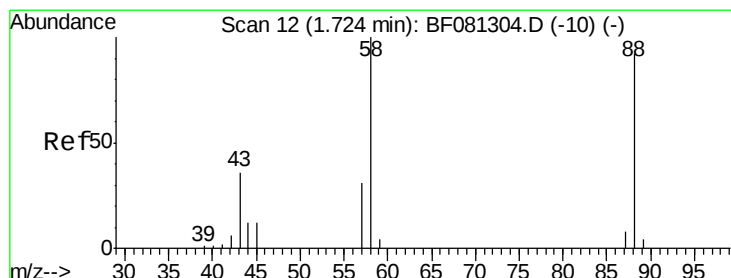
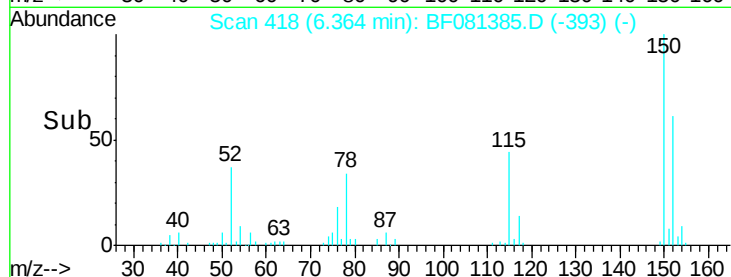
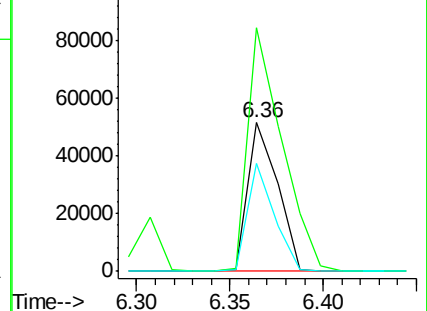
115 72.8 39.0 58.4#



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: 27.88 ng

RT: 1.77 min Scan# 16

Delta R.T. 0.09 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

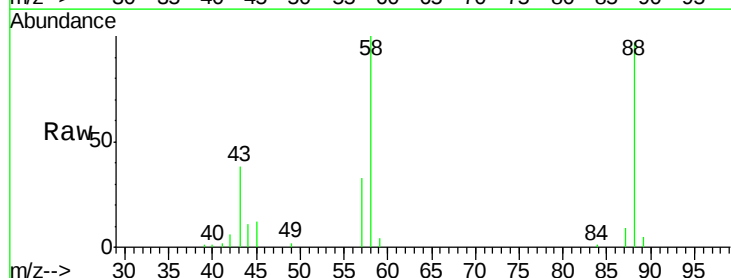
Tgt Ion: 88 Resp: 45741

Ion Ratio Lower Upper

88 100

58 106.3 77.7 116.5

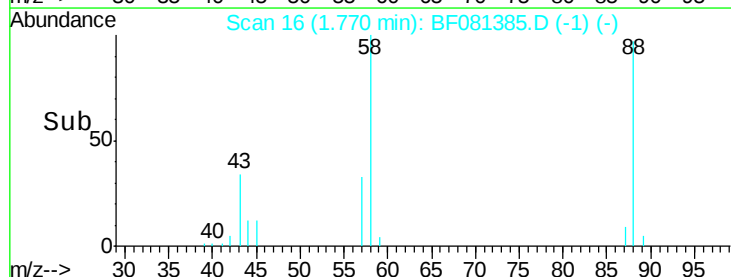
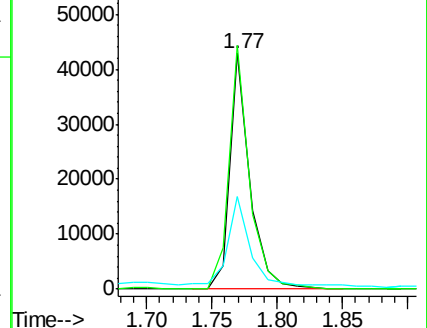
43 45.9 26.6 40.0#

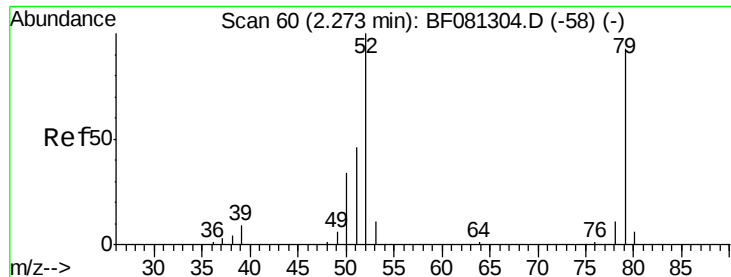


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.44 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.07 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

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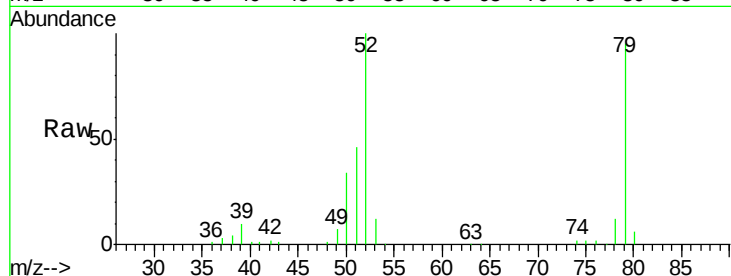
Tot Ion: 79 Resp: 146763

Ion Ratio Lower Upper

79 100

52 105.4 76.8 115.2

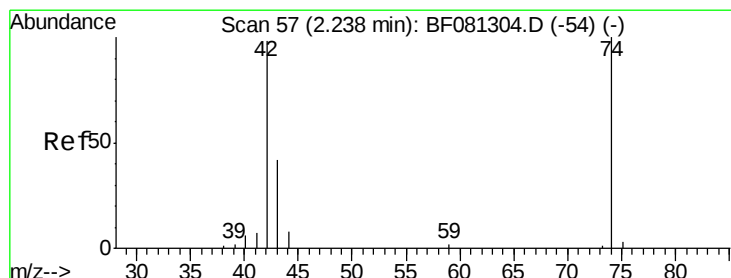
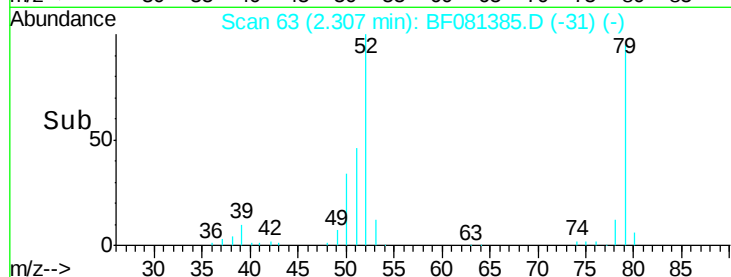
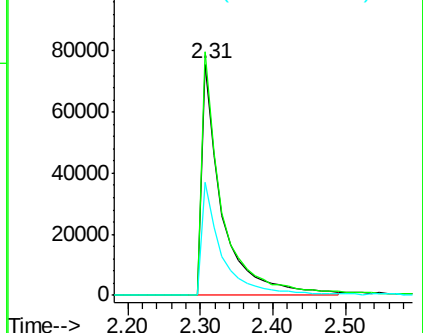
51 48.9 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.97 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

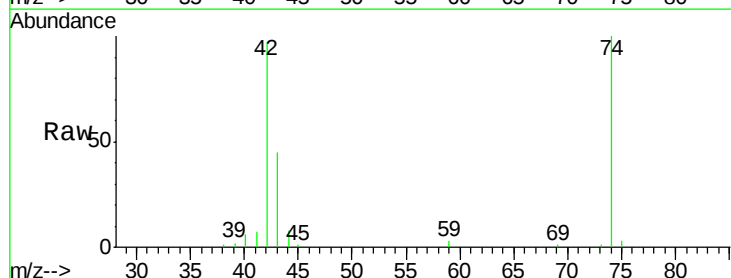
Tgt Ion: 42 Resp: 87883

Ion Ratio Lower Upper

42 100

74 103.1 105.0 157.6#

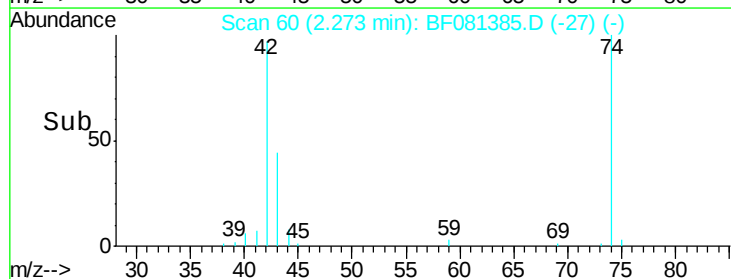
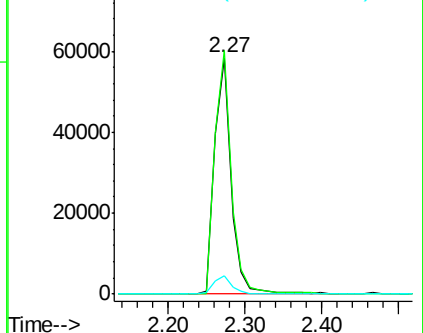
44 7.9 6.6 10.0

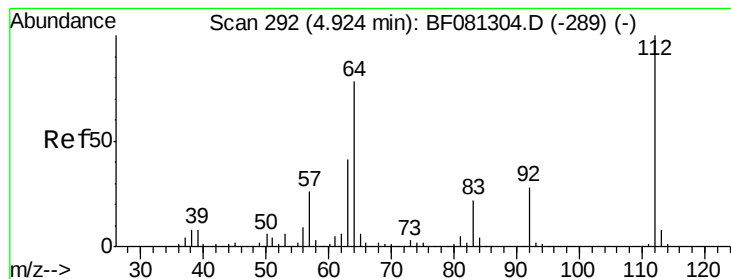


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

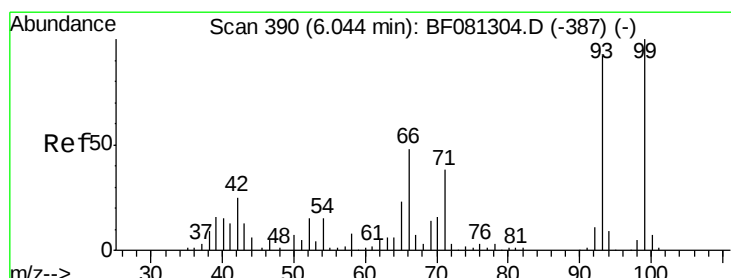
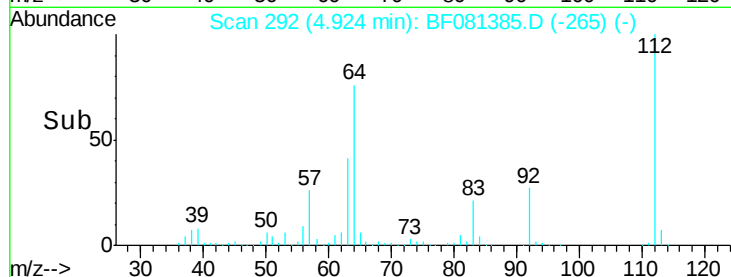
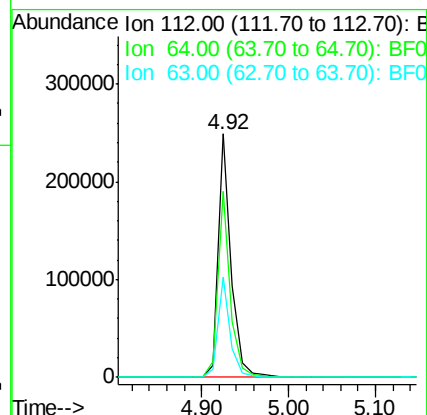
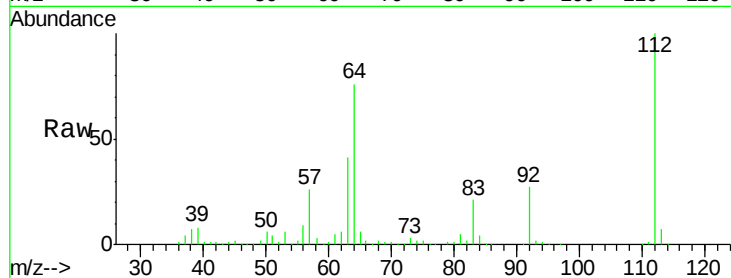




#5
 2-Fluorophenol
 Concen: 71.42 ng
 RT: 4.92 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

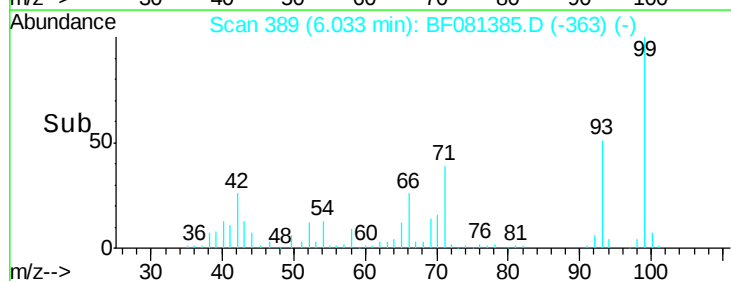
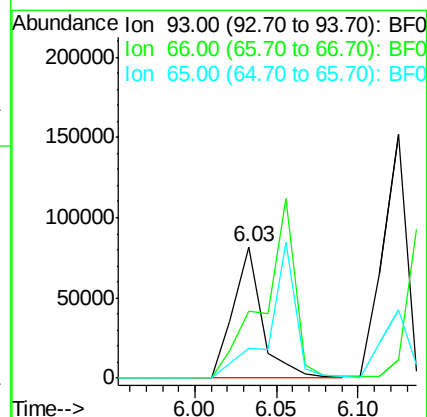
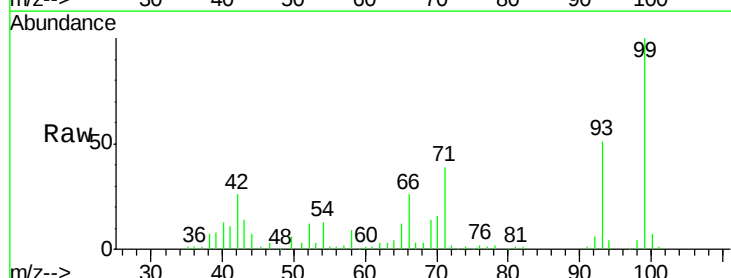
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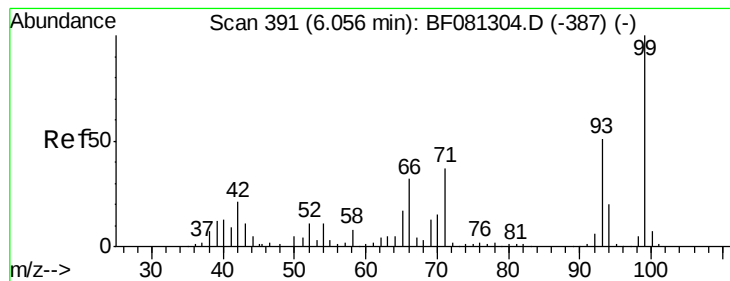
Tot Ion: 112 Resp: 260924
 Ion Ratio Lower Upper
 112 100
 64 76.2 39.7 59.5#
 63 41.3 17.4 26.0#



#6
 Aniline
 Concen: 14.74 ng
 RT: 6.03 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion: 93 Resp: 100683
 Ion Ratio Lower Upper
 93 100
 66 50.9 27.2 40.8#
 65 22.8 14.7 22.1#





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

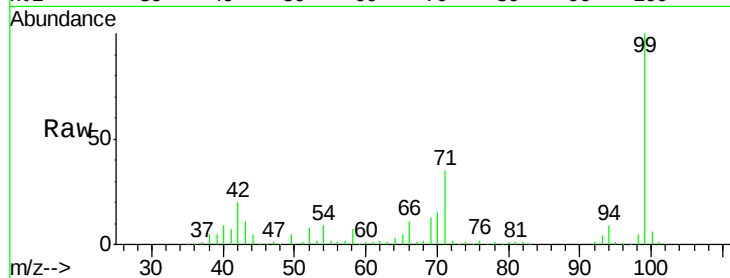
Tot Ion: 99 Resp: 373501

Ion Ratio Lower Upper

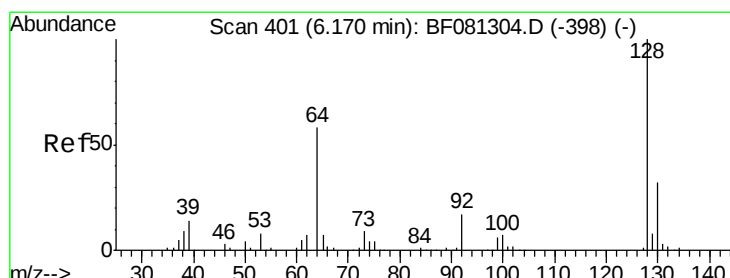
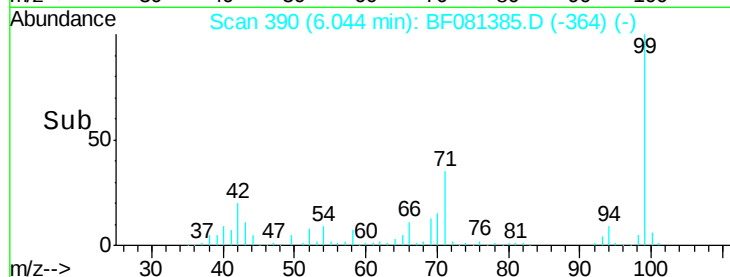
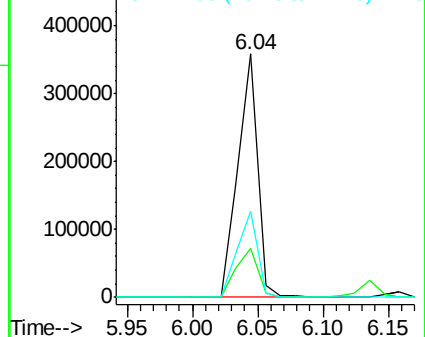
99 100

42 20.3 13.7 20.5

71 35.4 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: 36.38 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

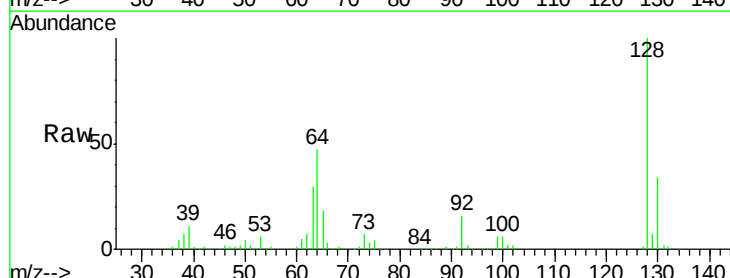
Tgt Ion: 128 Resp: 146460

Ion Ratio Lower Upper

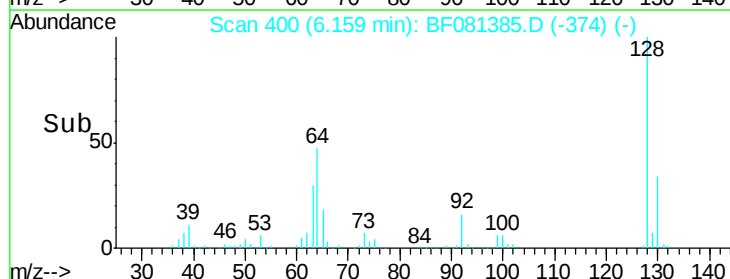
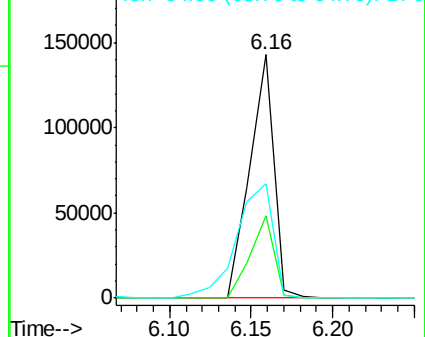
128 100

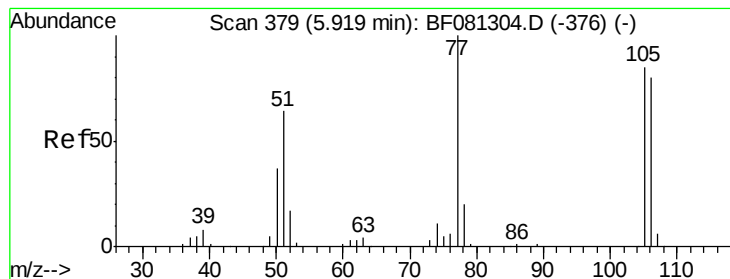
130 33.6 12.2 52.2

64 46.8 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.08 ng

RT: 5.91 min Scan# 378

Delta R.T. 0.00 min

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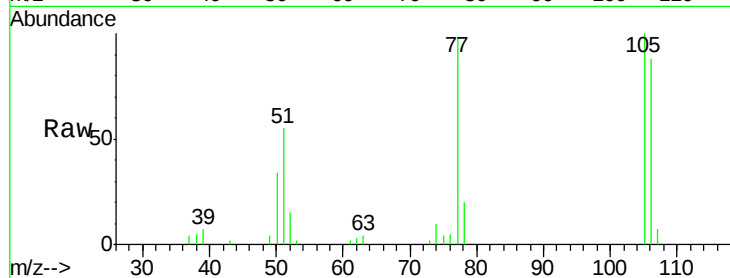
Tot Ion: 77 Resp: 15388

Ion Ratio Lower Upper

77 100

105 102.0 91.6 131.6

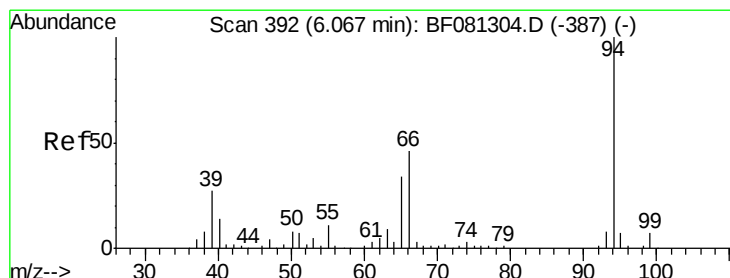
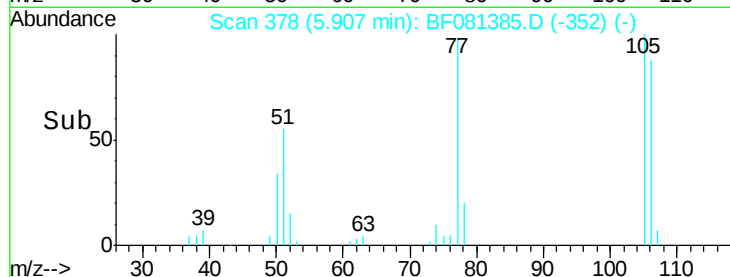
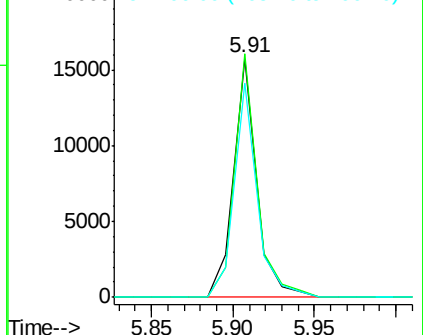
106 89.6 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.38 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

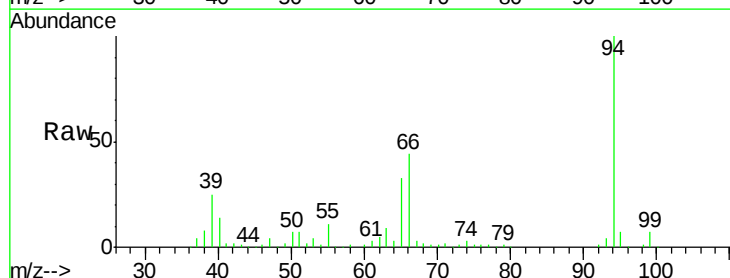
Tgt Ion: 94 Resp: 220860

Ion Ratio Lower Upper

94 100

65 33.5 0.7 40.7

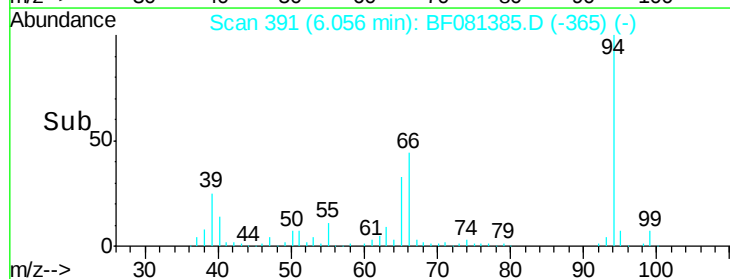
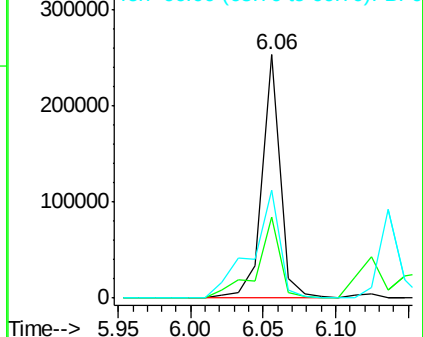
66 44.2 0.8 40.8#

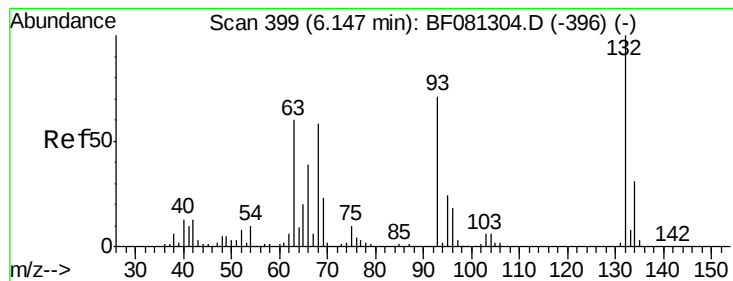


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

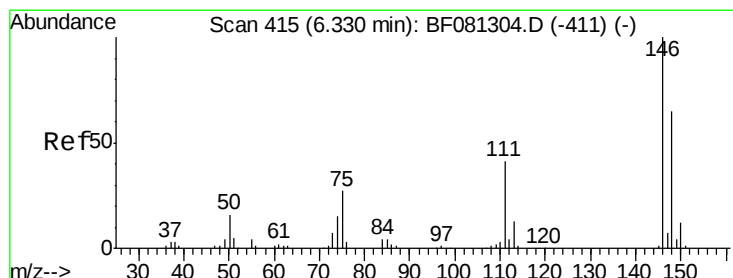
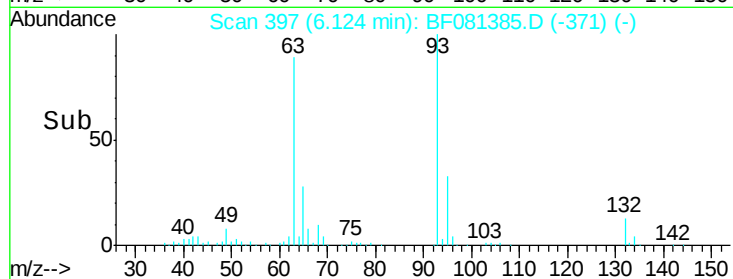
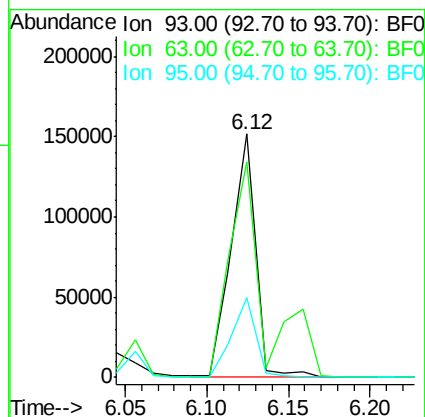
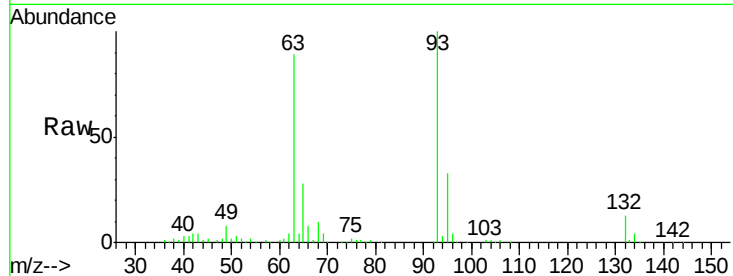




#11
bis(2-Chloroethyl)ether
Concen: 38.69 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

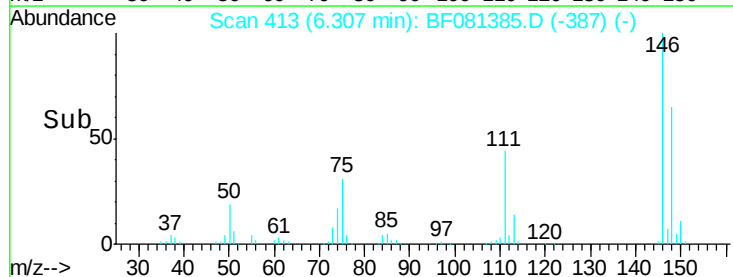
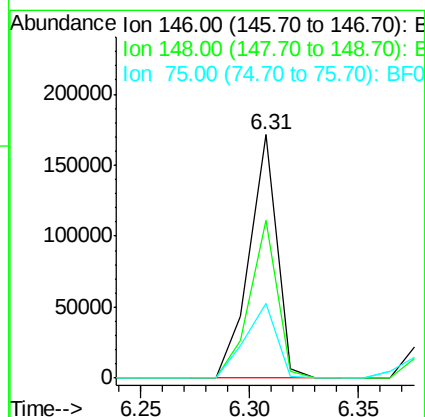
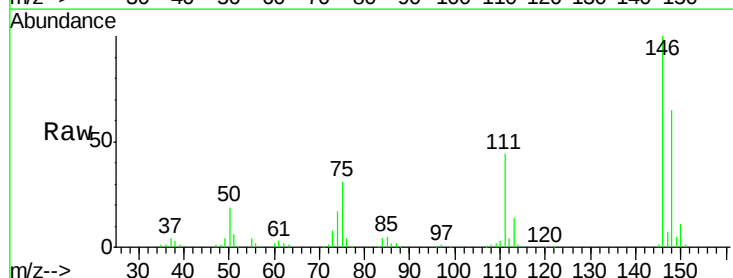
Instrument :
BNA_F
ClientSampleId :
PB85376BS

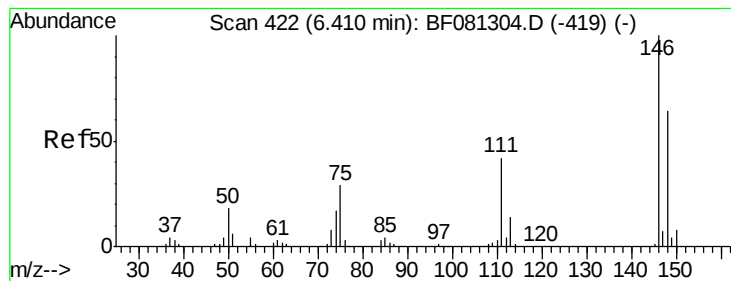
Tot Ion: 93 Resp: 156543
Ion Ratio Lower Upper
93 100
63 88.7 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.57 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion: 146 Resp: 153008
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 30.9 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 35.09 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

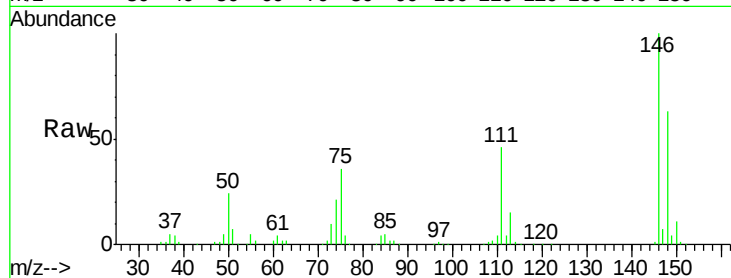
Tot Ion:146 Resp: 153657

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

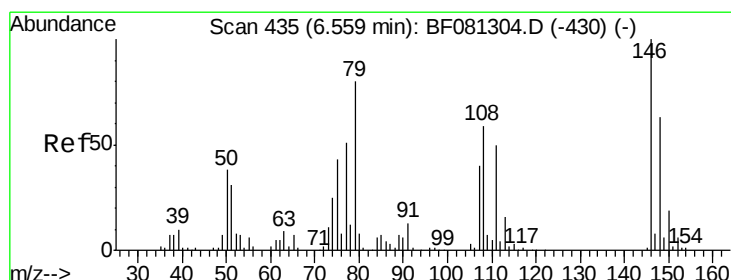
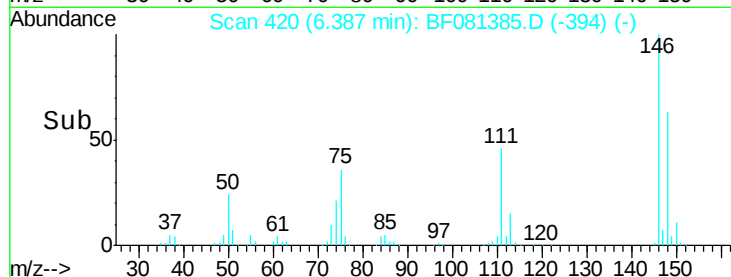
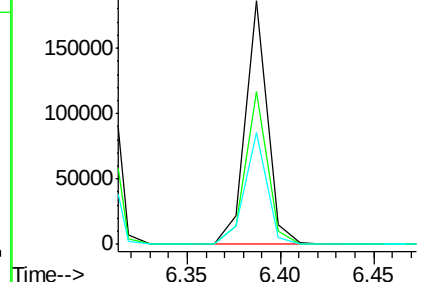
111 45.8 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.21 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

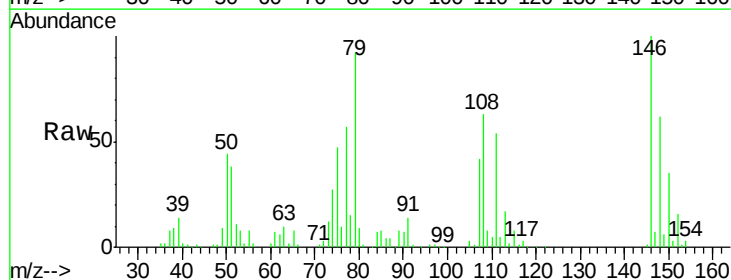
Tgt Ion:146 Resp: 130942

Ion Ratio Lower Upper

146 100

148 62.1 52.7 79.1

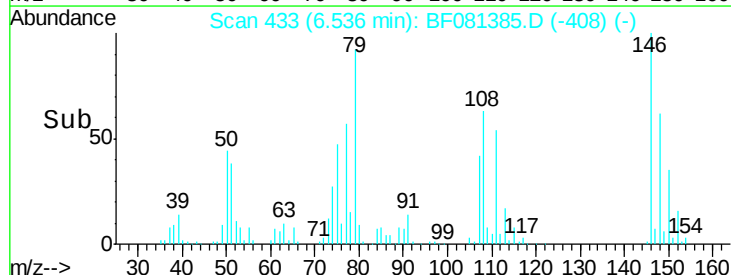
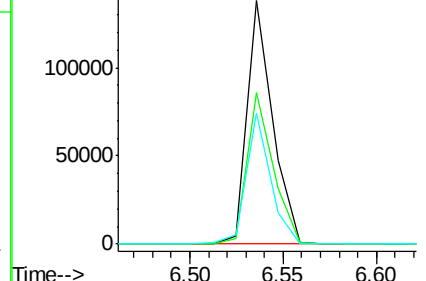
111 53.7 28.8 43.2#



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

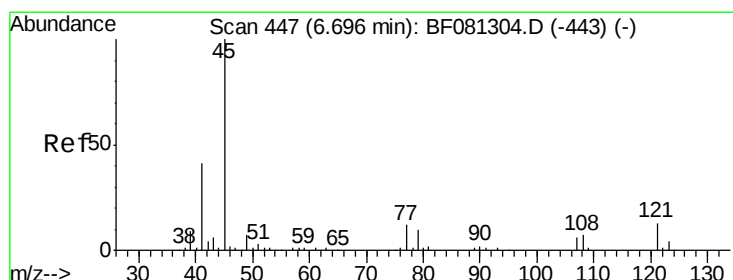
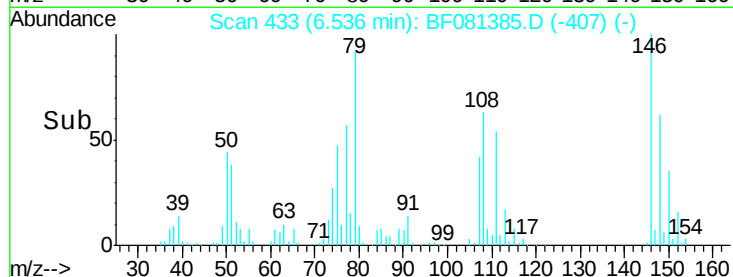
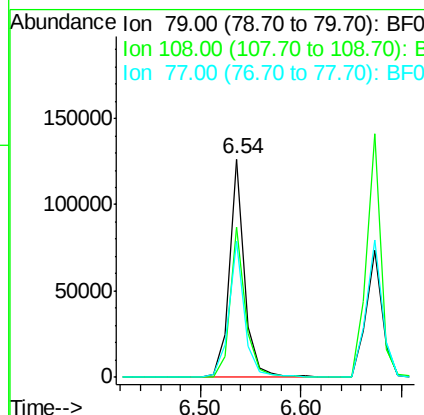
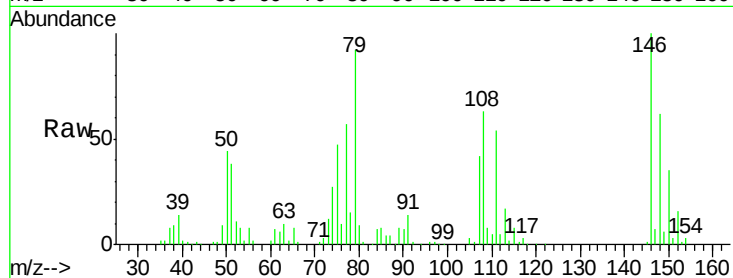




#15
Benzyl Alcohol
Concen: 33.71 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

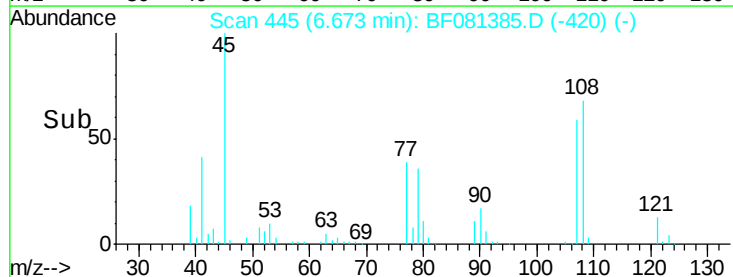
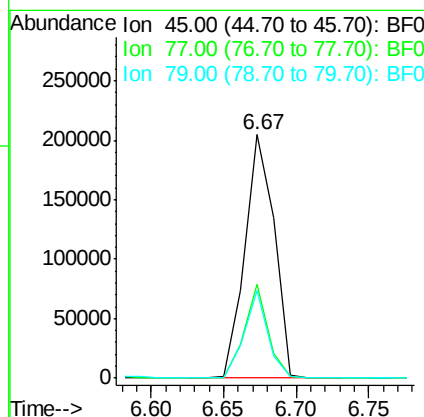
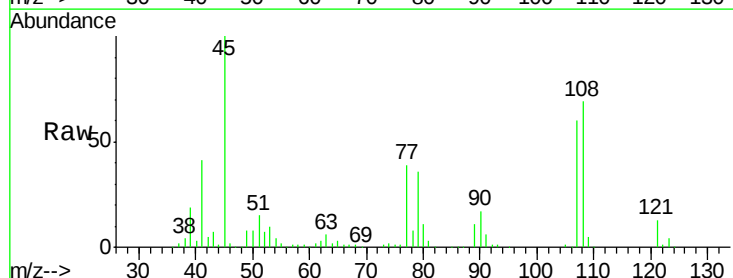
Instrument :
BNA_F
ClientSampleId :
PB85376BS

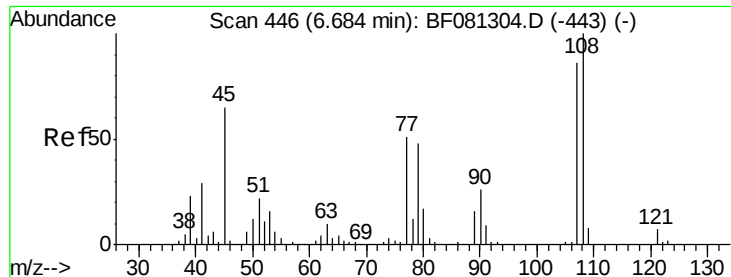
Tot Ion: 79 Resp: 133713
Ion Ratio Lower Upper
79 100
108 68.9 88.6 132.8#
77 62.1 47.0 70.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.91 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion: 45 Resp: 286270
Ion Ratio Lower Upper
45 100
77 38.8 0.0 28.1#
79 35.9 0.0 26.0#

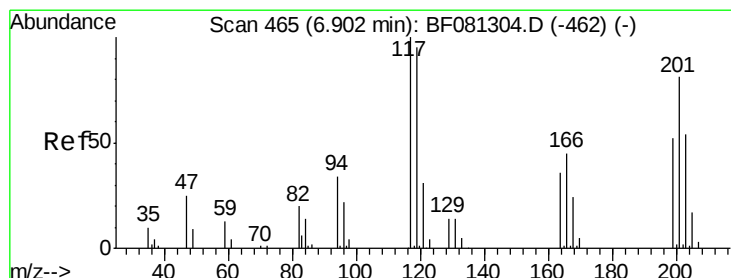
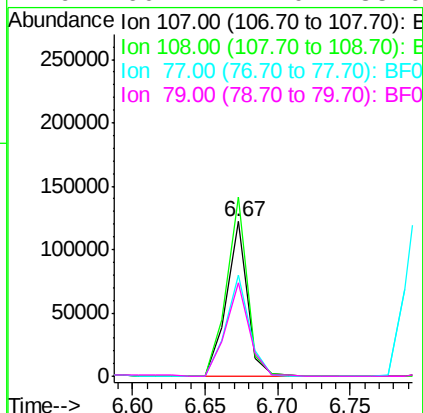
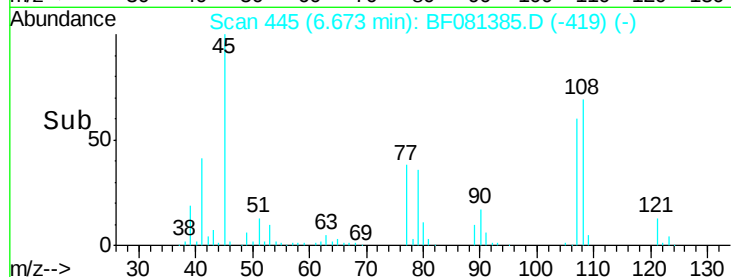
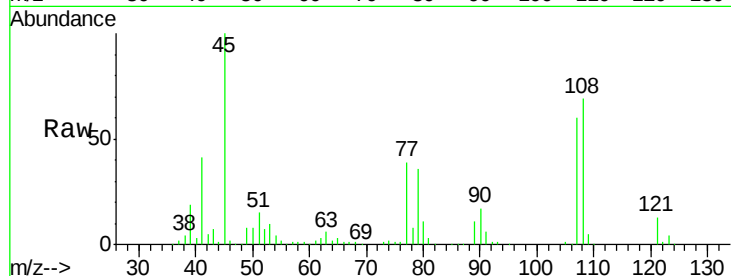




#17
2-Methylphenol
Concen: 38.06 ng
RT: 6.67 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

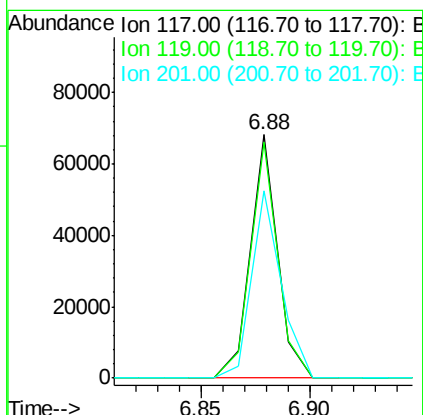
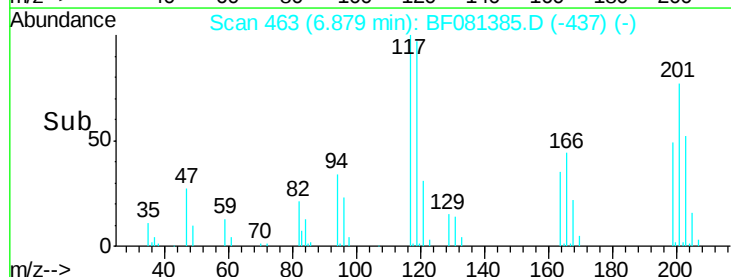
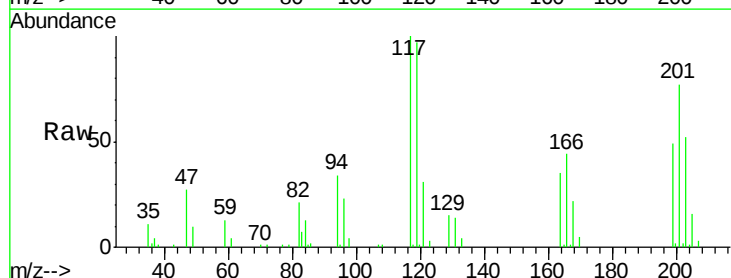
Instrument :
BNA_F
ClientSampleId :
PB85376BS

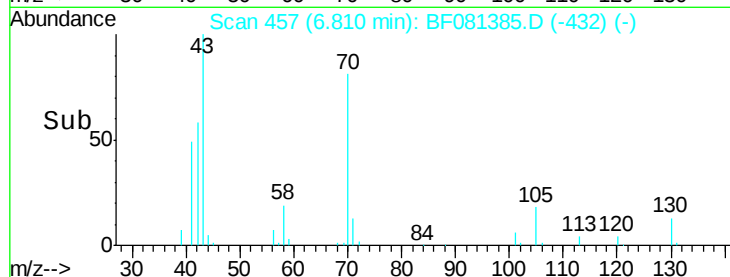
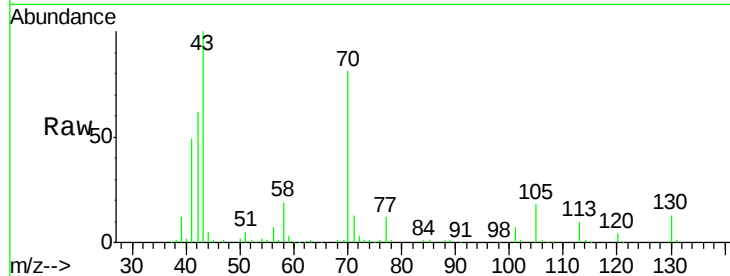
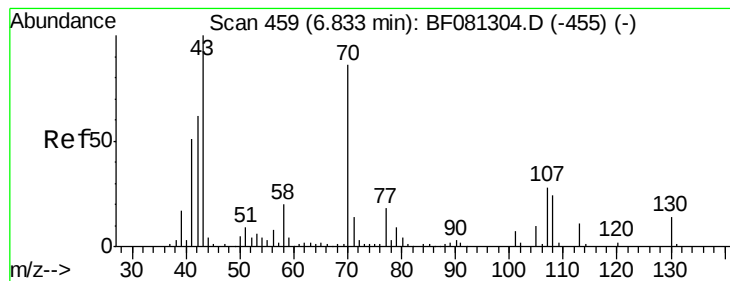
Tot Ion:107 Resp: 122267
Ion Ratio Lower Upper
107 100
108 115.4 96.6 145.0
77 65.0 23.3 34.9#
79 60.1 22.0 33.0#



#18
Hexachloroethane
Concen: 34.76 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:117 Resp: 59227
Ion Ratio Lower Upper
117 100
119 97.0 83.8 125.6
201 77.0 55.1 82.7





#19

n-Nitroso-di-n-propylamine

Concen: 33.43 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

Tot Ion: 70 Resp: 110042

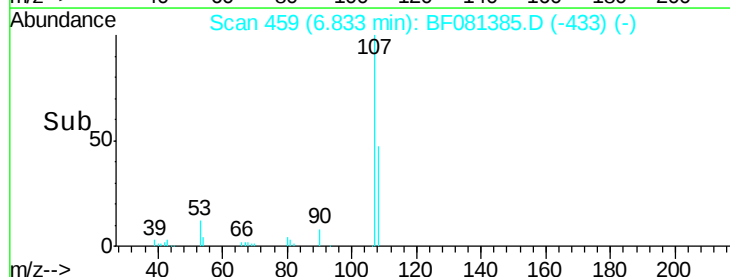
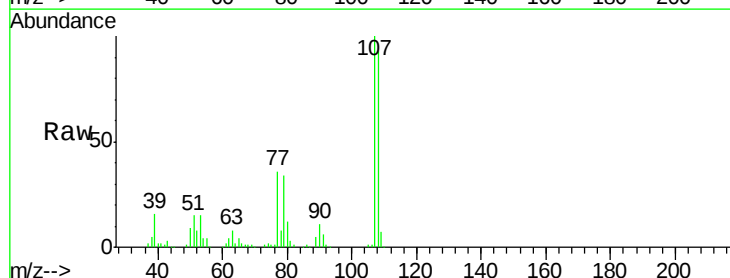
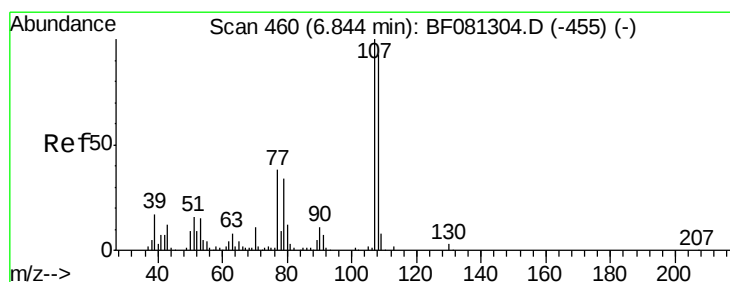
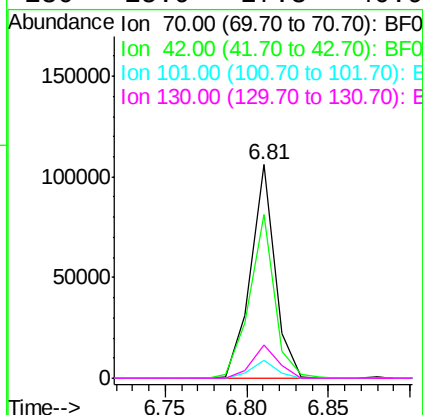
Ion Ratio Lower Upper

70 100

42 76.6 63.8 95.6

101 8.5 9.2 13.8#

130 15.9 27.3 40.9#



#20

3+4-Methylphenols

Concen: 37.41 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Tgt Ion:107 Resp: 162031

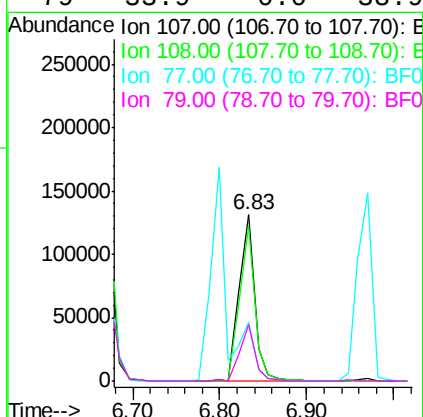
Ion Ratio Lower Upper

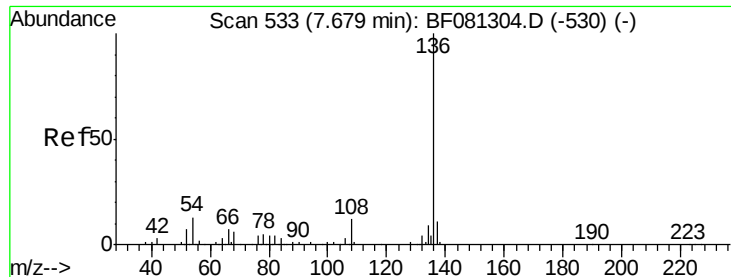
107 100

108 93.3 74.6 114.6

77 35.8 0.7 40.7

79 33.9 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

Tot Ion:136 Resp: 225214

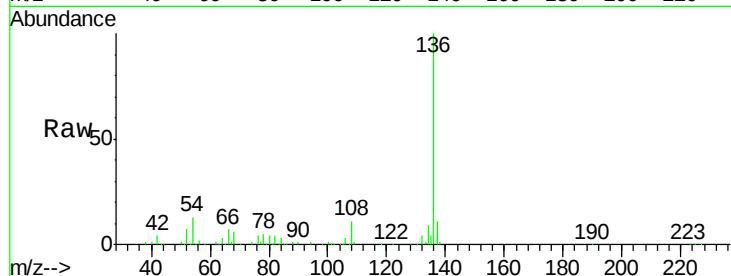
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 13.3 8.2 12.2#

68 6.1 5.8 8.6

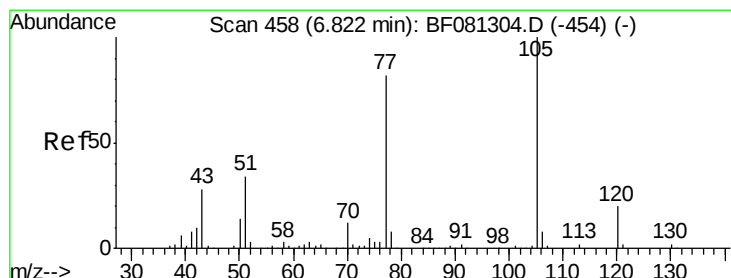
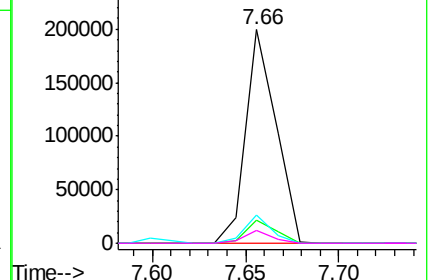
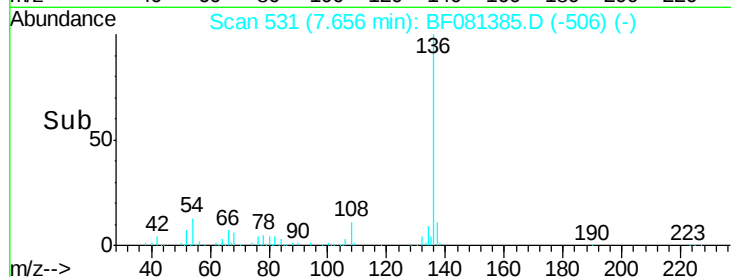


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.62 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Tgt Ion:105 Resp: 219090

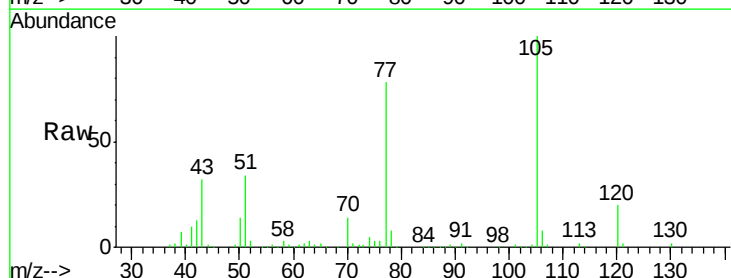
Ion Ratio Lower Upper

105 100

71 2.4 4.7 7.1#

51 33.8 22.0 33.0#

120 19.7 30.1 45.1#

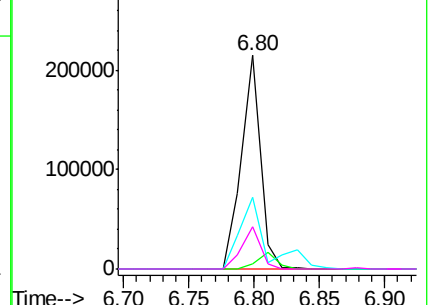
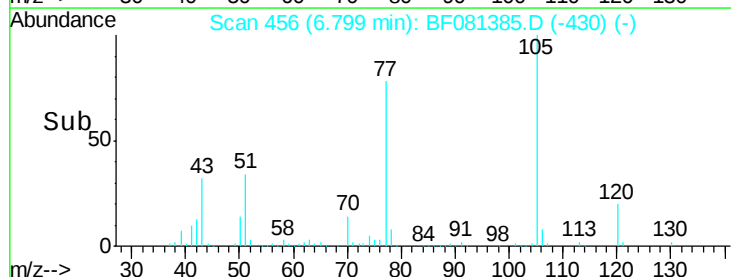


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

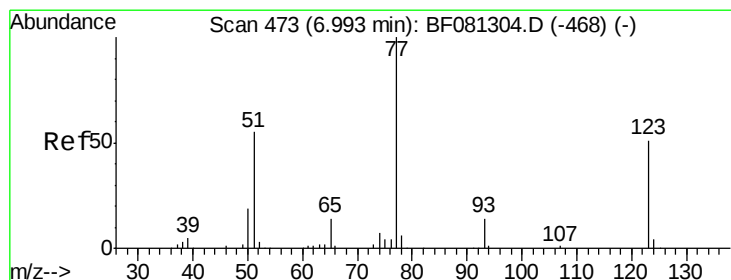
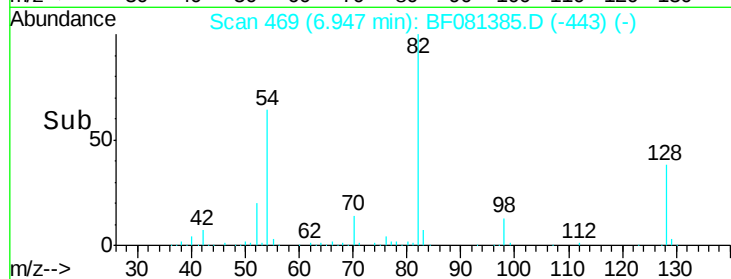
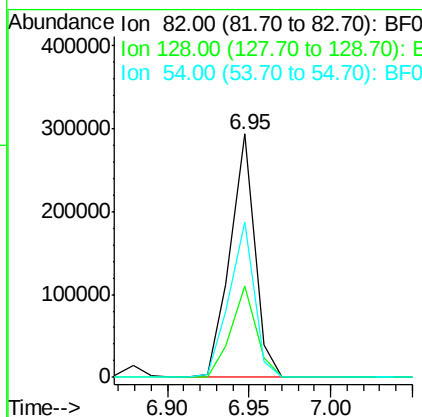
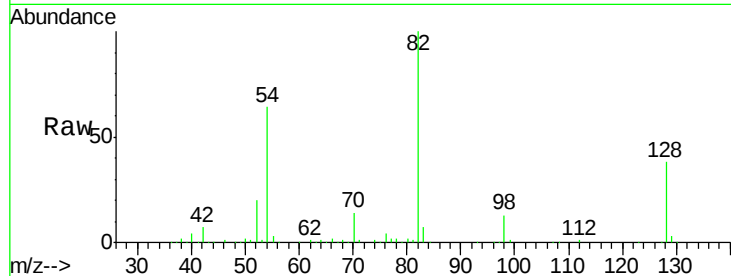




#23
 Nitrobenzene-d5
 Concen: 66.07 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

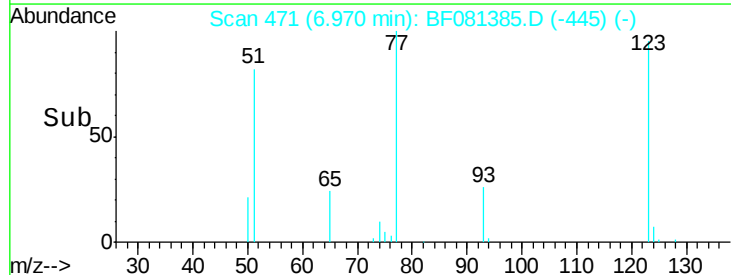
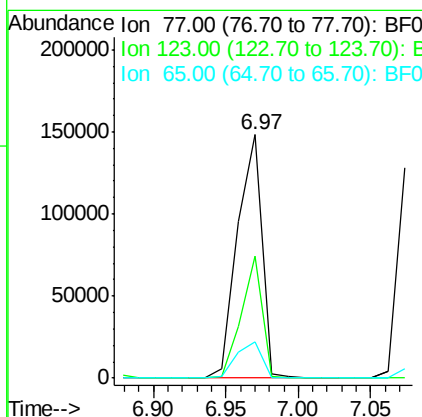
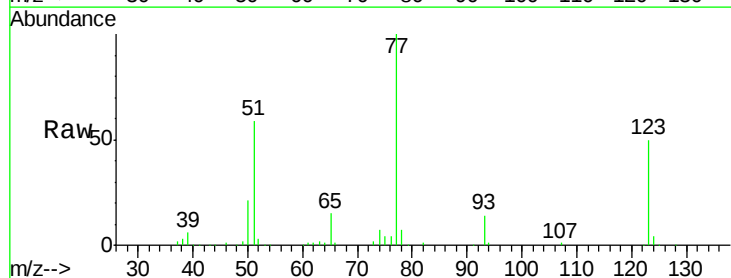
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

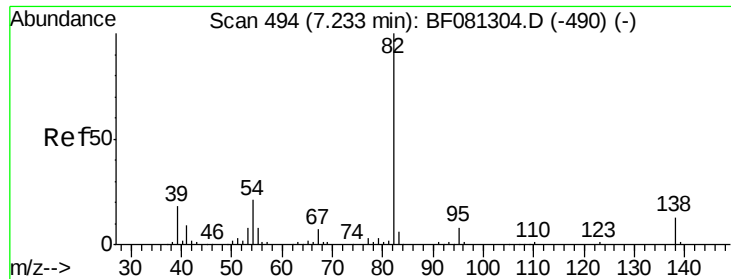
Tot Ion	82	Resp	308395
Ion Ratio	Lower	Upper	
82	100		
128	37.5	51.0	76.6#
54	63.9	47.5	71.3



#24
 Nitrobenzene
 Concen: 35.91 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion	77	Resp	174068
Ion Ratio	Lower	Upper	
77	100		
123	49.9	59.8	89.8#
65	14.7	10.2	15.4





#25

Isophorone

Concen: 32.77 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

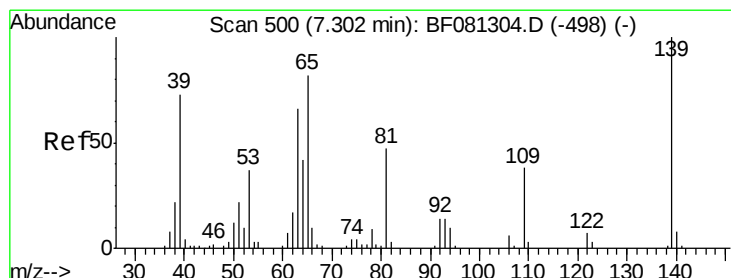
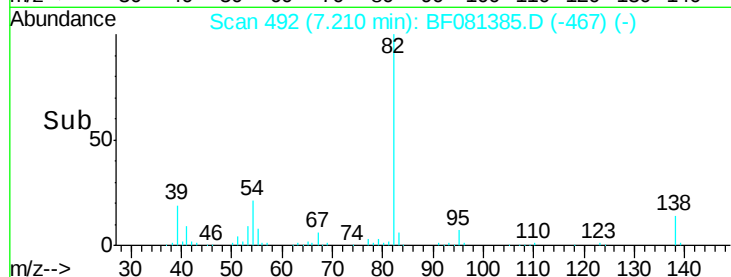
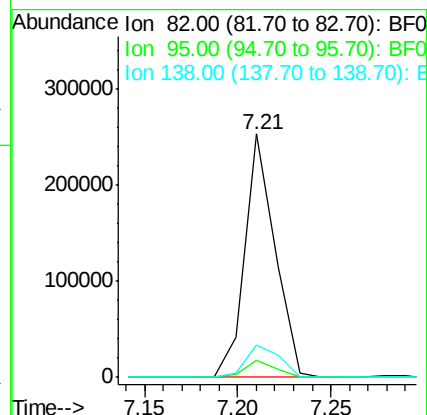
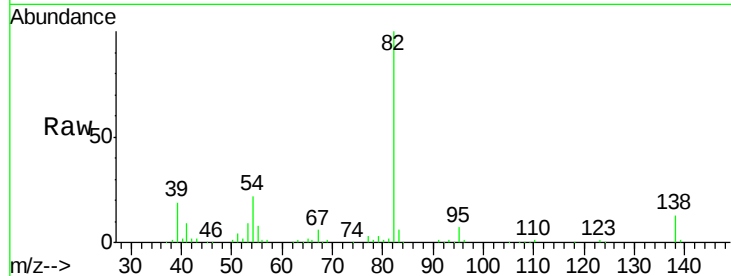
Tot Ion: 82 Resp: 284532

Ion Ratio Lower Upper

82 100

95 7.1 4.0 6.0#

138 13.4 18.3 27.5#



#26

2-Nitrophenol

Concen: 35.65 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

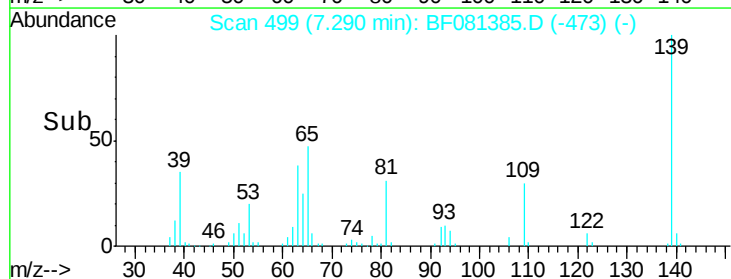
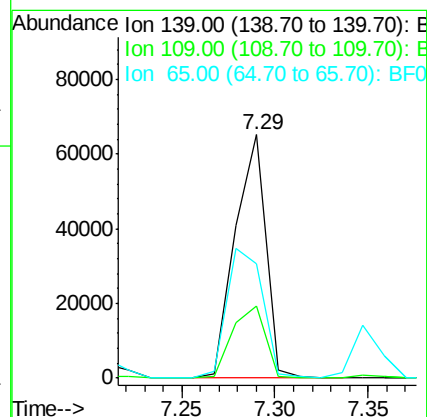
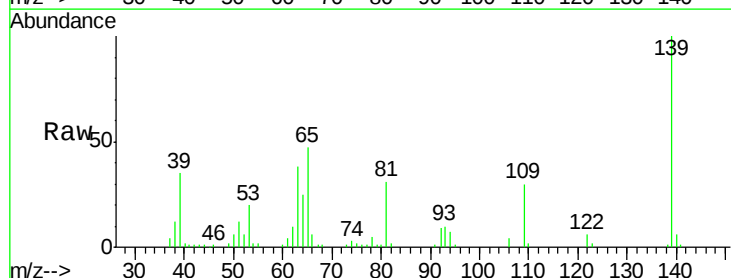
Tgt Ion: 139 Resp: 75328

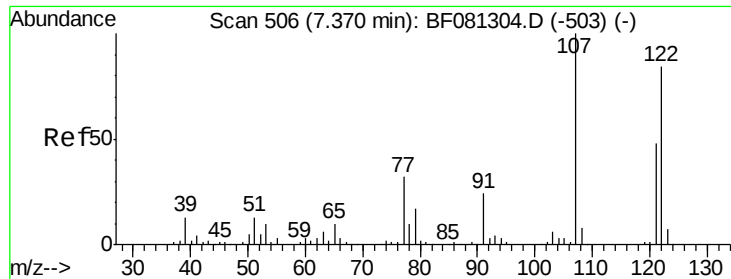
Ion Ratio Lower Upper

139 100

109 29.5 11.0 16.4#

65 47.1 24.7 37.1#

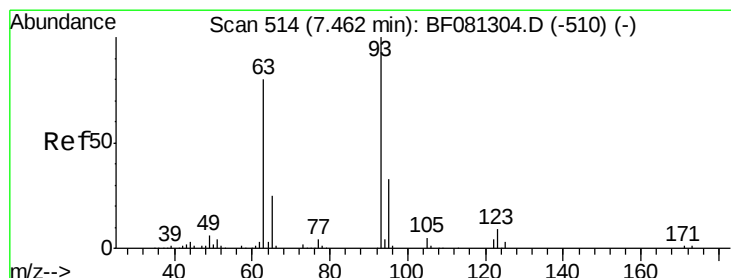
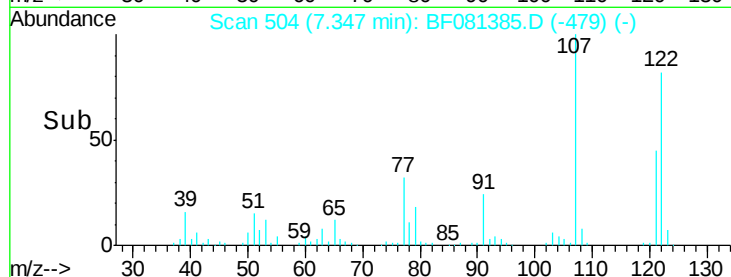
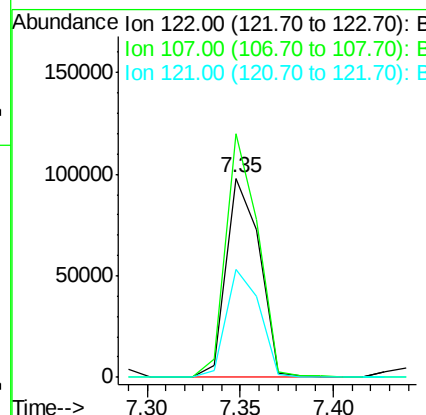
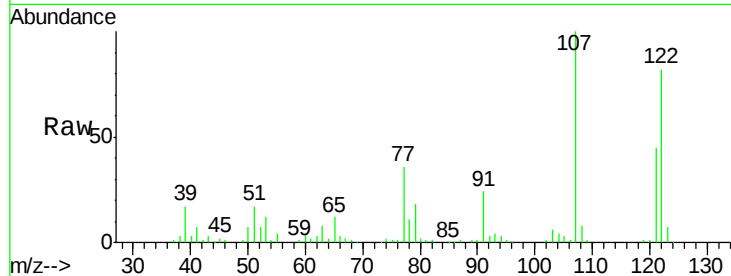




#27
 2,4-Dimethylphenol
 Concen: 33.91 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

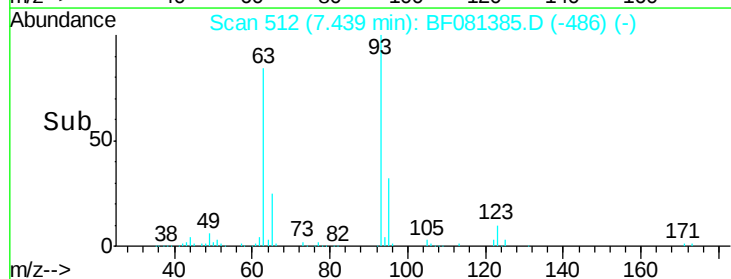
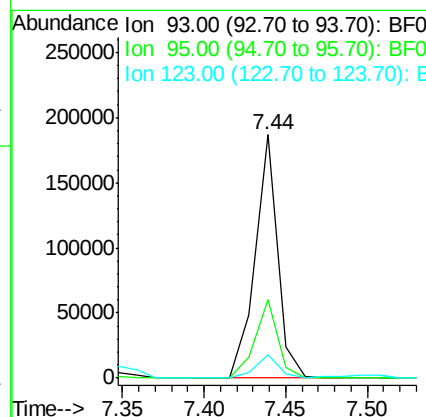
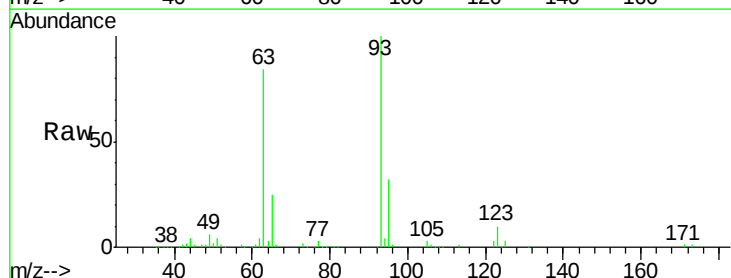
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

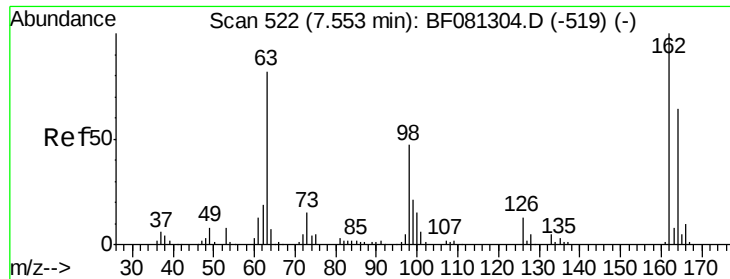
Tot Ion:122 Resp: 123728
 Ion Ratio Lower Upper
 122 100
 107 122.4 71.8 107.6#
 121 54.5 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.70 ng
 RT: 7.44 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion: 93 Resp: 179027
 Ion Ratio Lower Upper
 93 100
 95 32.4 27.5 41.3
 123 9.5 13.7 20.5#

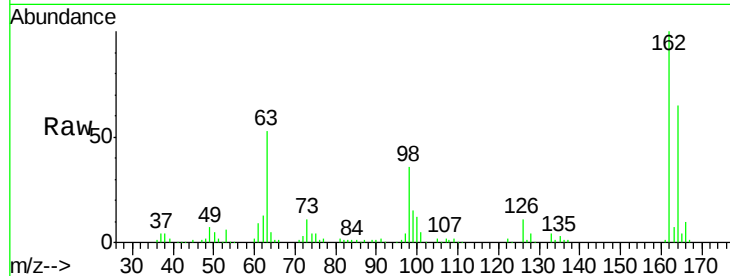




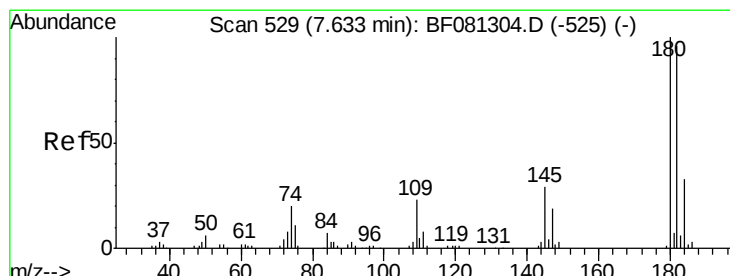
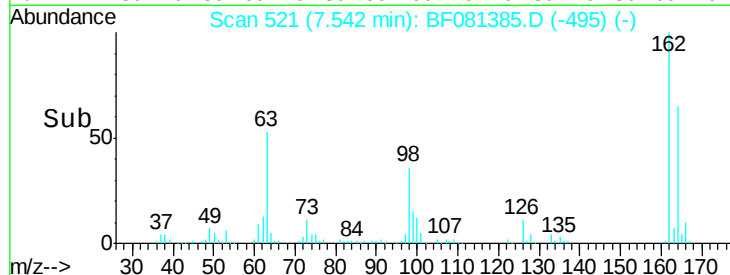
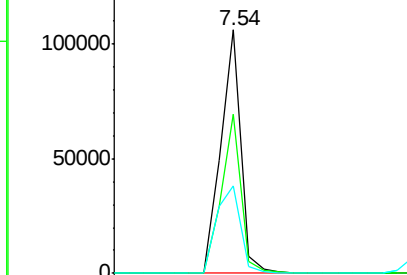
#29
 2,4-Dichlorophenol
 Concen: 35.98 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.9	84.9
98	36.0	13.0	53.0

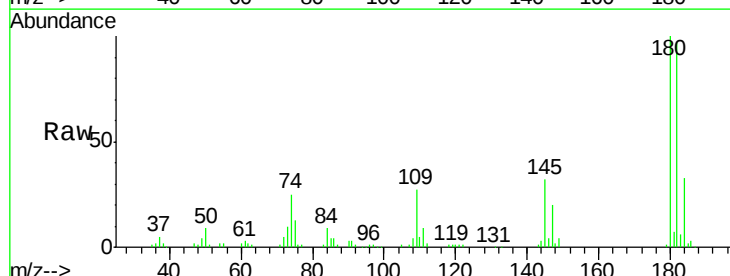


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

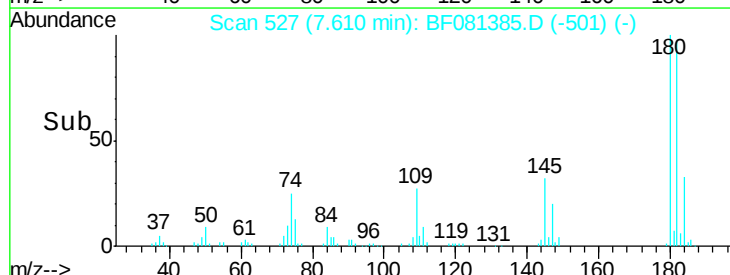
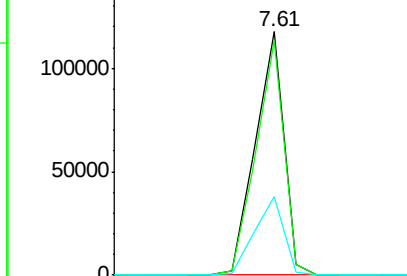


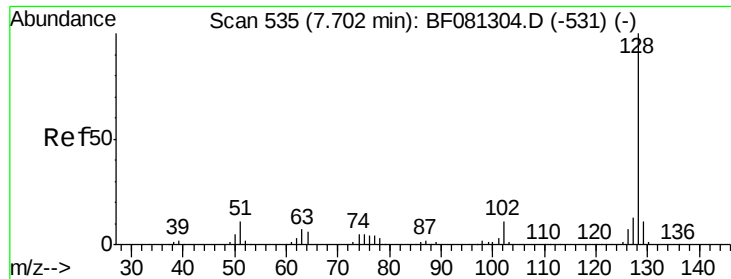
#30
 1,2,4-Trichlorobenzene
 Concen: 36.12 ng
 RT: 7.61 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
145	32.0	23.3	34.9



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

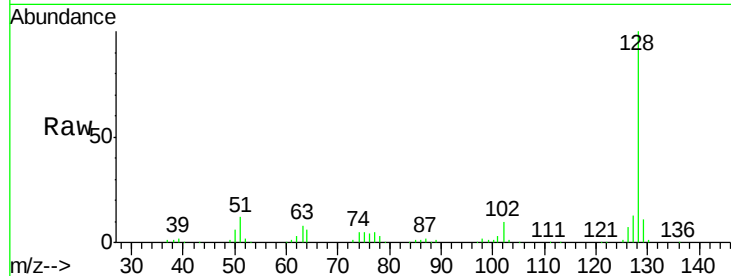




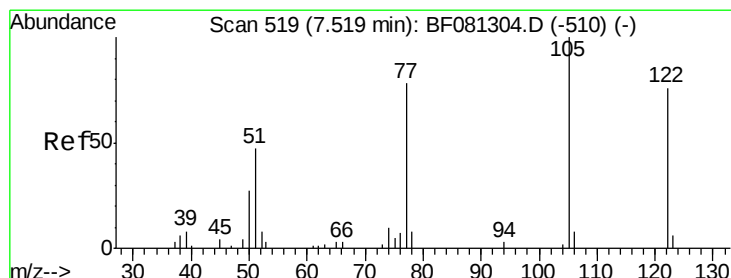
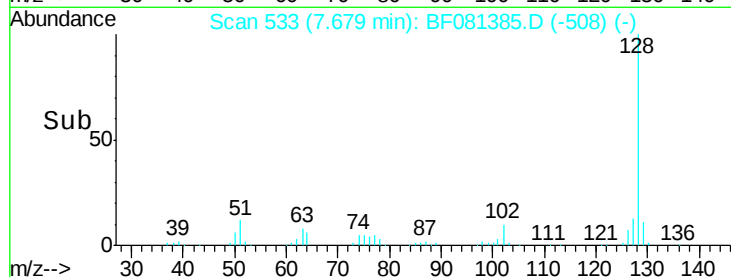
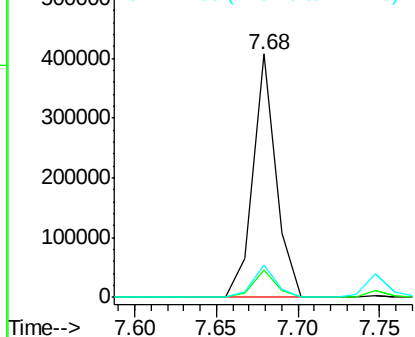
#31
Naphthalene
Concen: 33.31 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:128 Resp: 400034
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.4 9.9 14.9

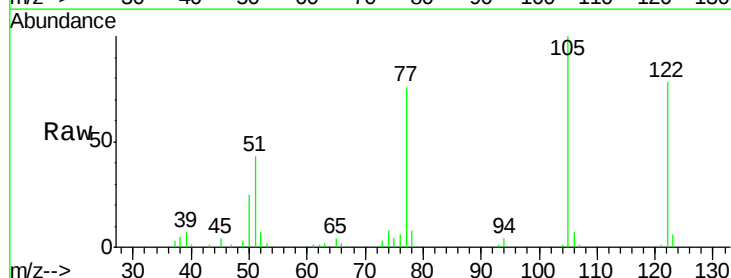


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

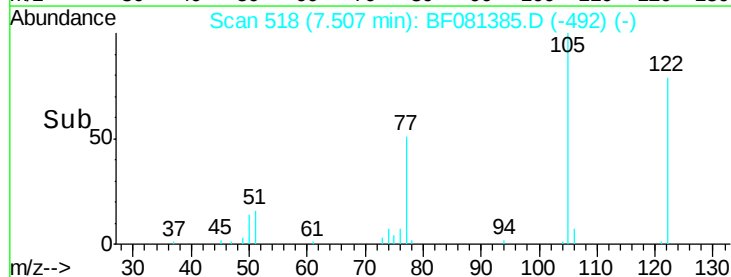
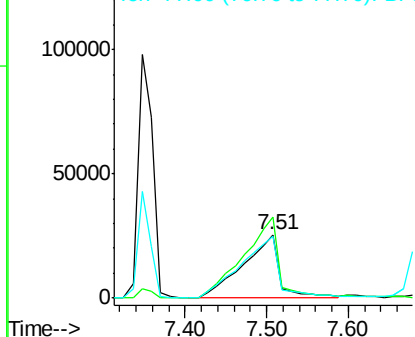


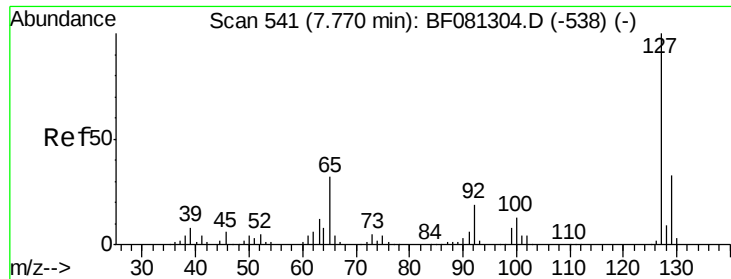
#32
Benzoic acid
Concen: 30.30 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:122 Resp: 76376
Ion Ratio Lower Upper
122 100
105 128.5 76.1 116.1#
77 97.9 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

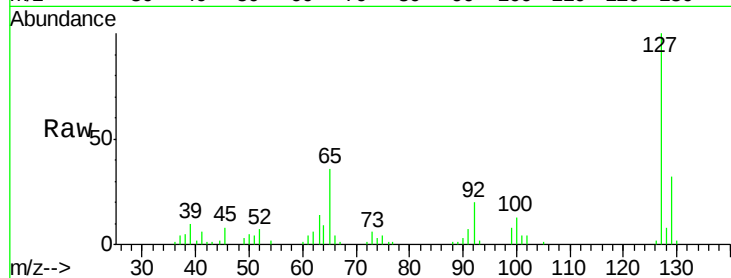




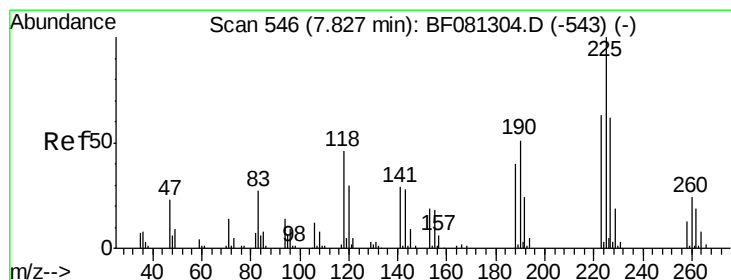
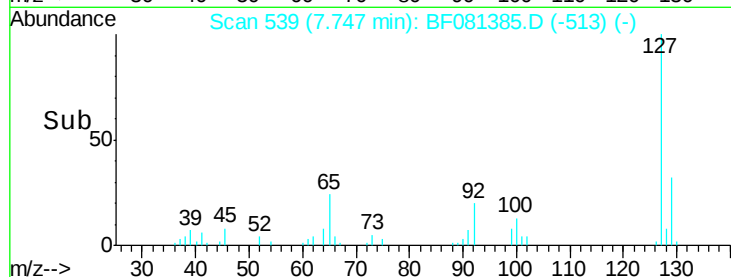
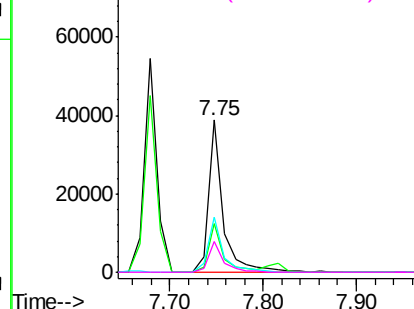
#33
4-Chloroaniline
Concen: 8.75 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:	127	Resp:	42880
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	36.5	17.9	26.9#
92	19.9	10.5	15.7#

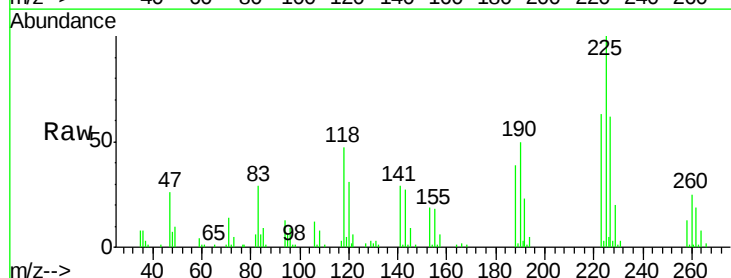


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

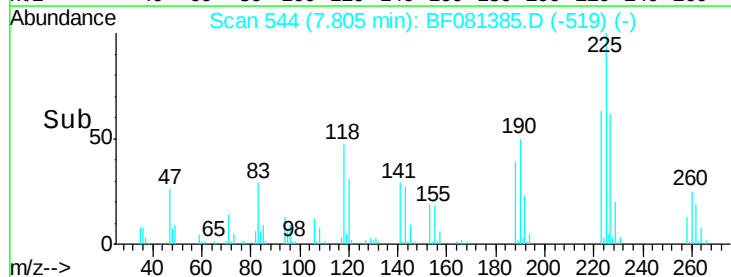
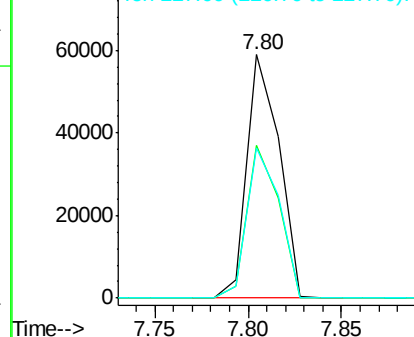


#34
Hexachlorobutadiene
Concen: 33.69 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:	225	Resp:	70478
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.2	75.2
227	61.6	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: 23.52 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

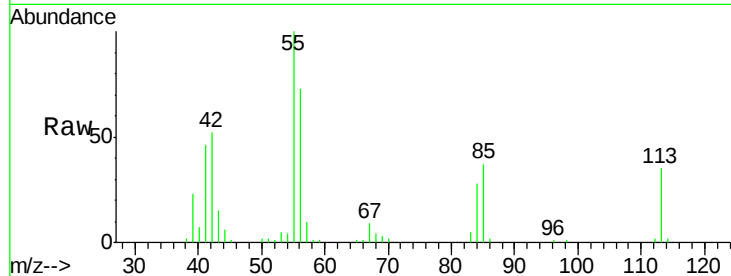
Tot Ion:113 Resp: 22828

Ion Ratio Lower Upper

113 100

55 288.9 152.4 192.4#

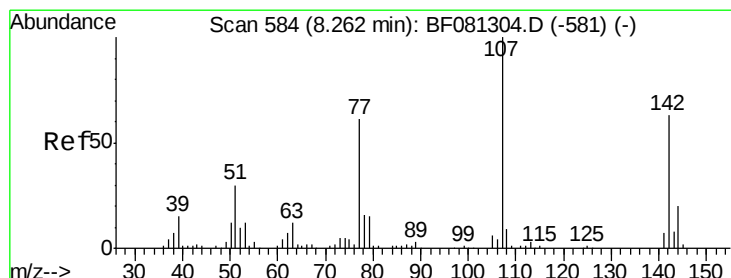
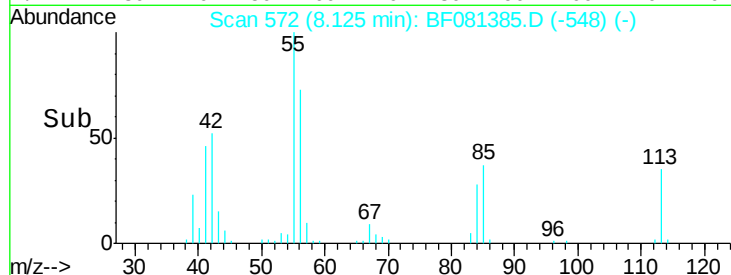
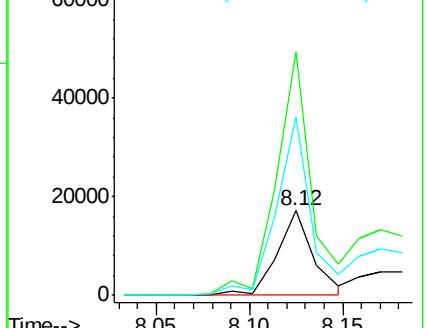
56 210.9 104.6 144.6#



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: 41.04 ng

RT: 8.26 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

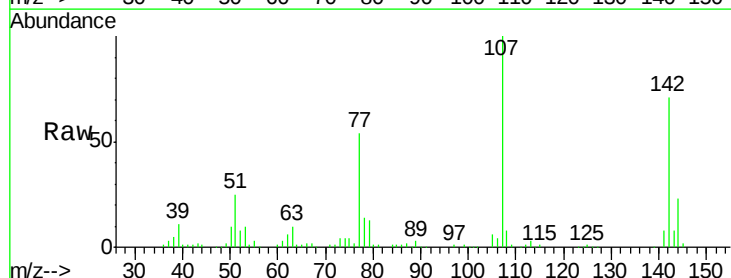
Tgt Ion:107 Resp: 145350

Ion Ratio Lower Upper

107 100

144 22.7 25.4 38.0#

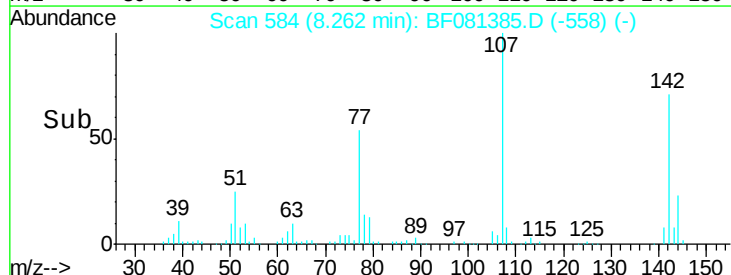
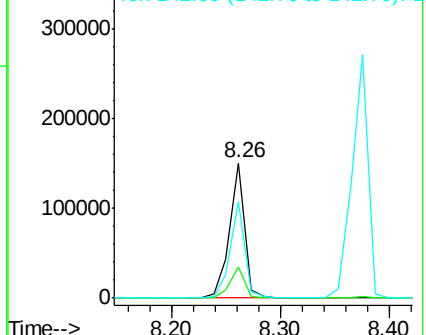
142 71.0 77.3 115.9#

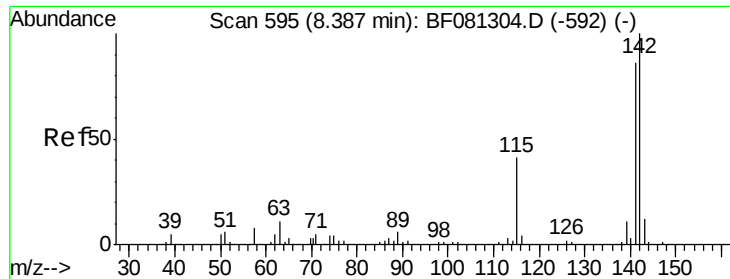


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

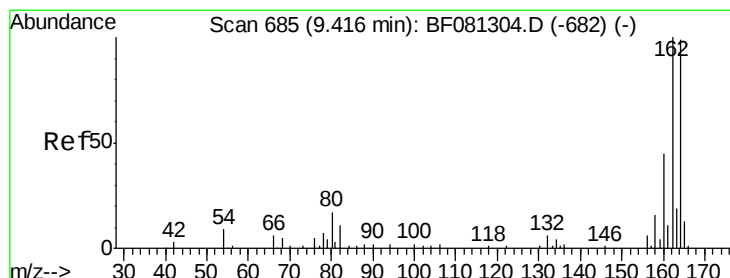
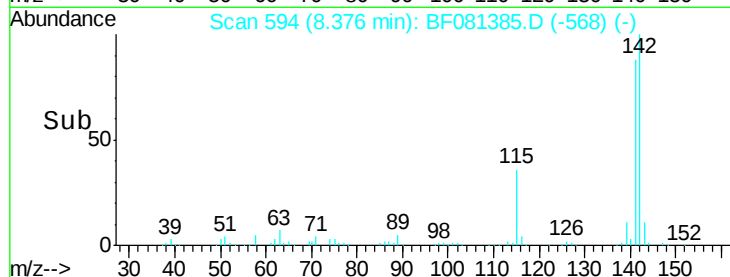
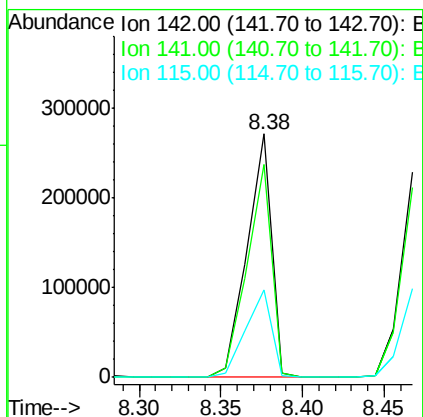
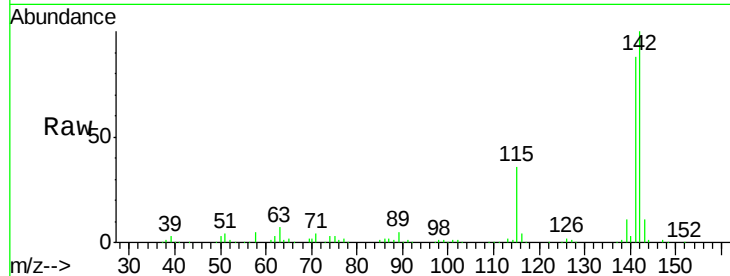




#37
2-Methylnaphthalene
Concen: 36.47 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

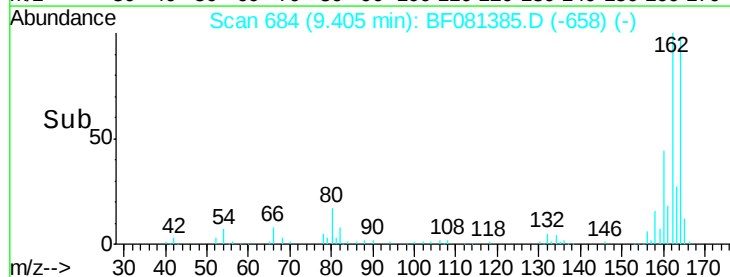
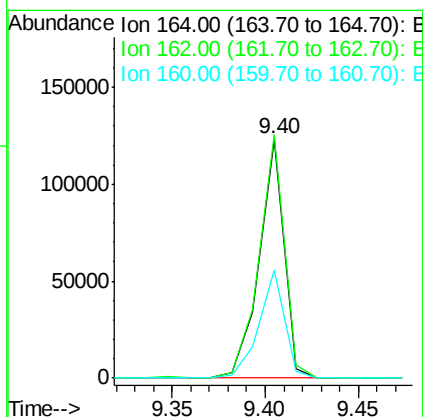
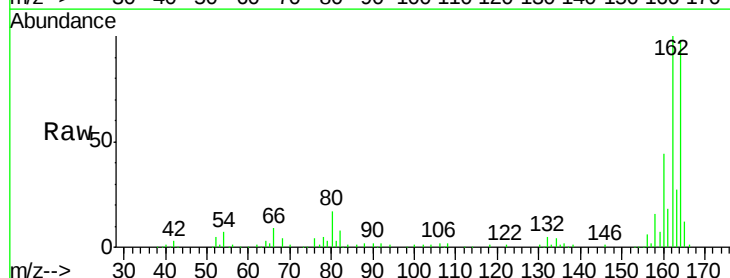
Instrument :
BNA_F
ClientSampleId :
PB85376BS

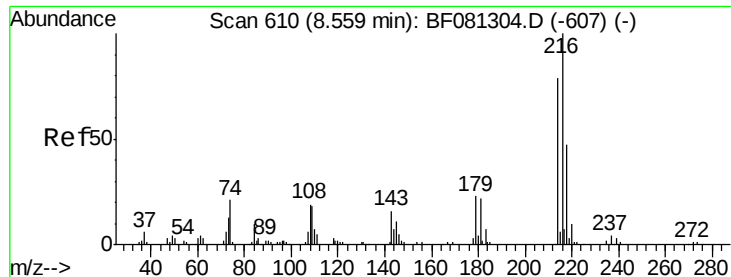
Tot Ion:142 Resp: 285042
Ion Ratio Lower Upper
142 100
141 87.6 67.5 101.3
115 36.0 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:164 Resp: 113177
Ion Ratio Lower Upper
164 100
162 102.0 75.2 112.8
160 45.2 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.20 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

Tot Ion:216 Resp: 108106

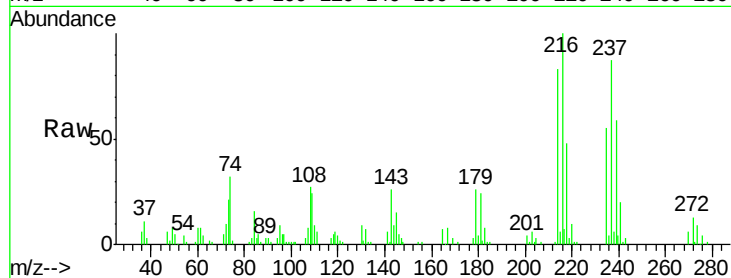
Ion Ratio Lower Upper

216 100

214 81.3 63.5 95.3

179 22.8 16.6 24.8

108 23.0 16.3 24.5

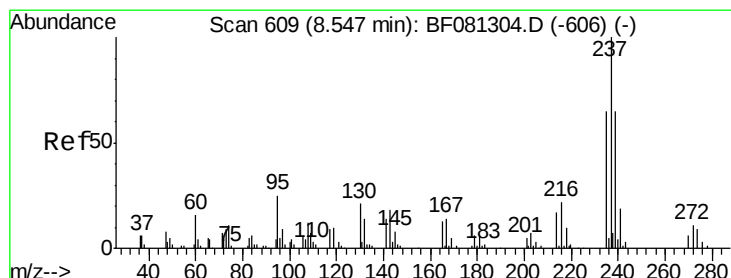
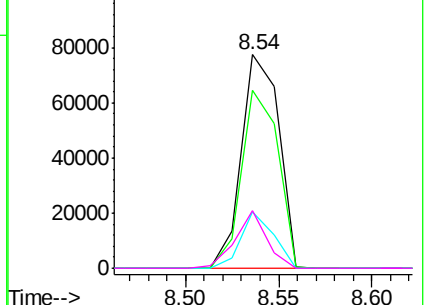
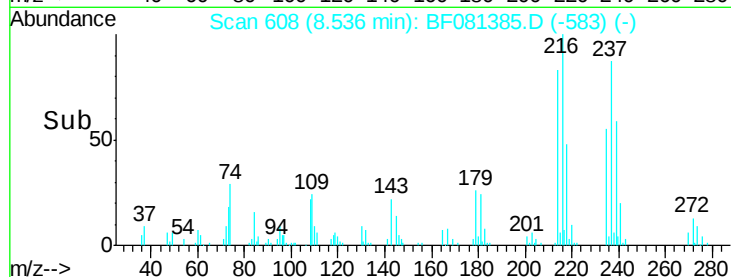


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 65.29 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

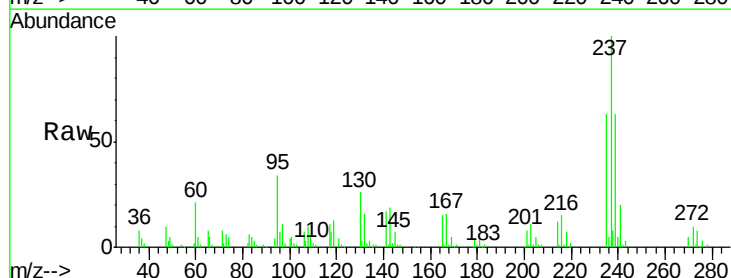
Tgt Ion:237 Resp: 114685

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

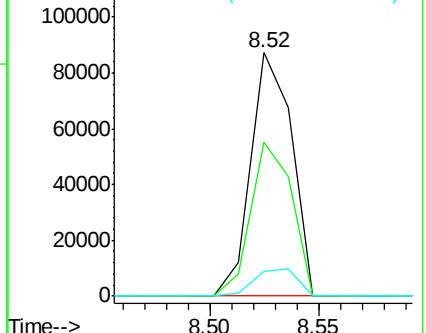
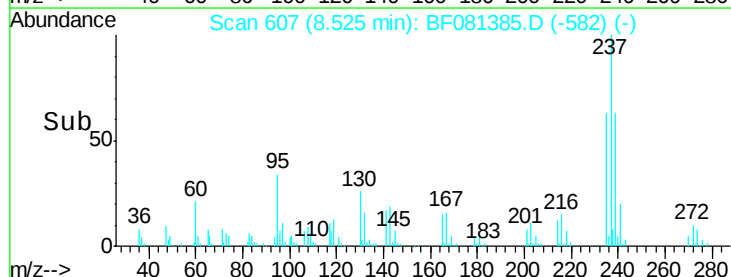
272 10.1 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

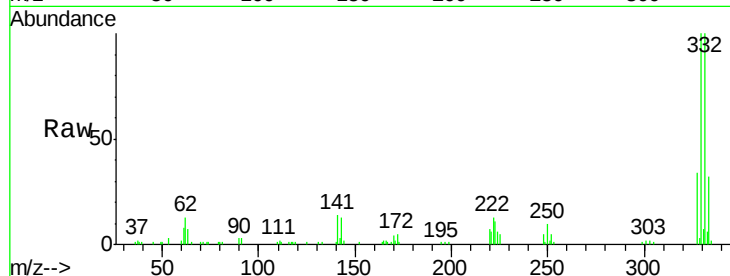




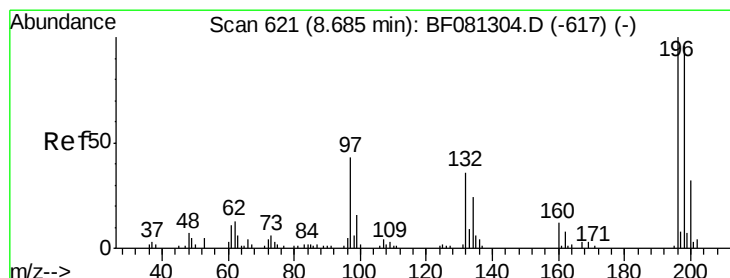
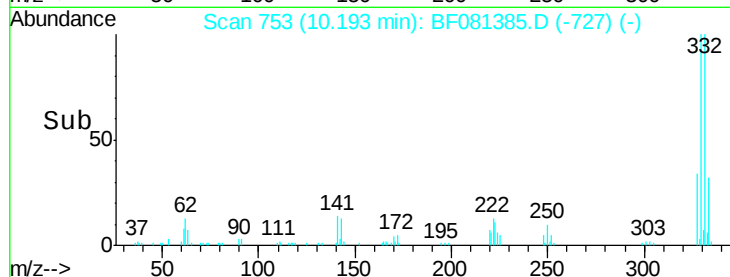
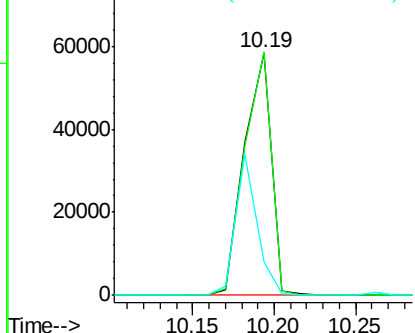
#41
 2,4,6-Tribromophenol
 Concen: 66.86 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion:330 Resp: 67380
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 114.8
 141 45.7 29.7 44.5#

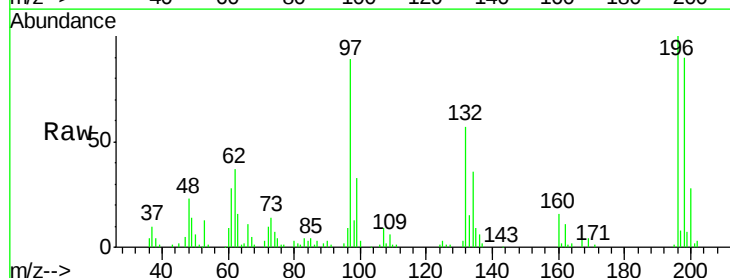


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

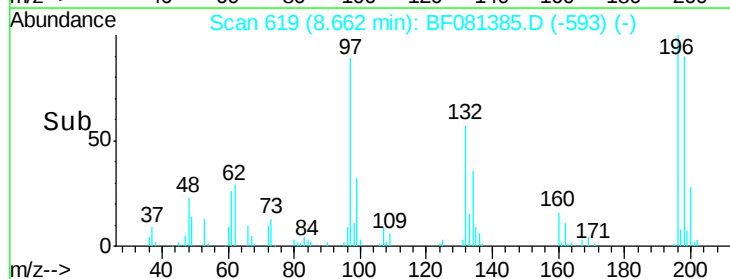
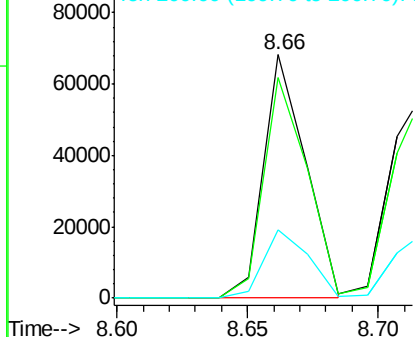


#42
 2,4,6-Trichlorophenol
 Concen: 31.07 ng
 RT: 8.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:196 Resp: 76749
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.7 113.5
 200 27.9 23.9 35.9



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

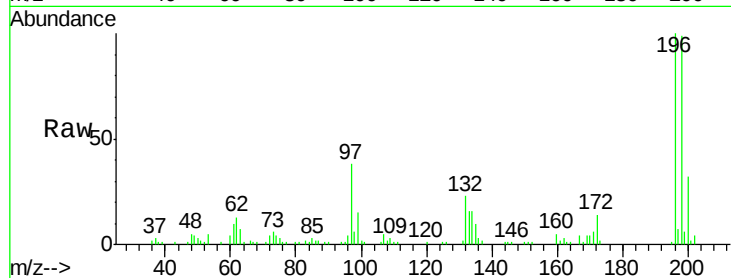




#43
 2,4,5-Trichlorophenol
 Concen: 30.89 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.3	75.4	113.0
97	37.7	33.3	49.9
132	22.9	24.6	37.0



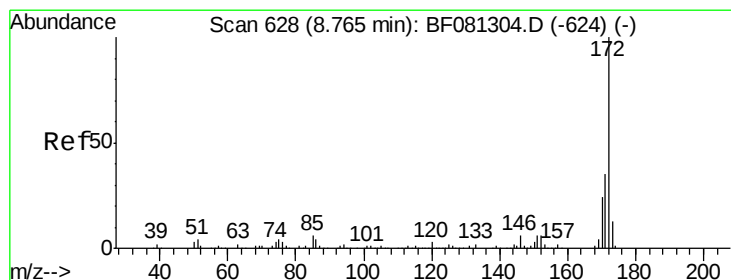
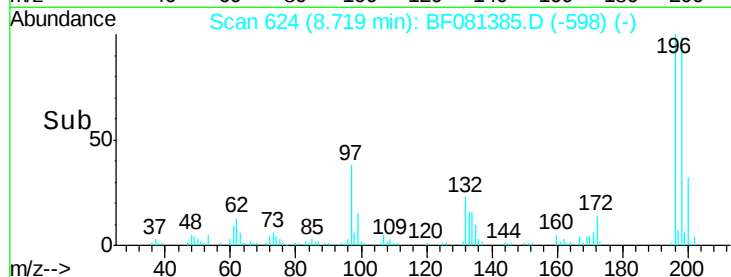
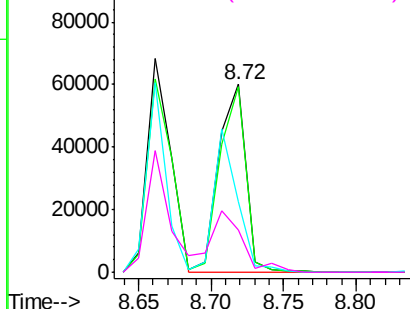
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

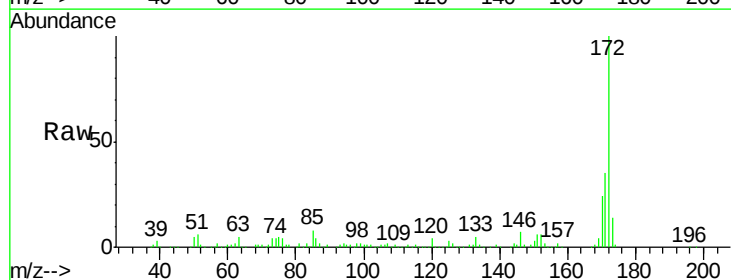
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 57.66 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.1	39.1
170	24.3	17.4	26.2

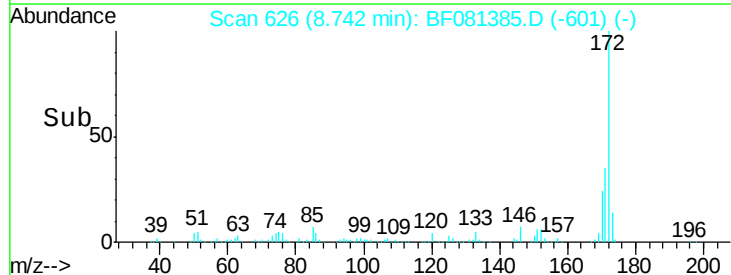
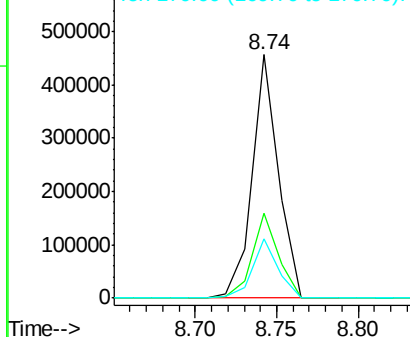


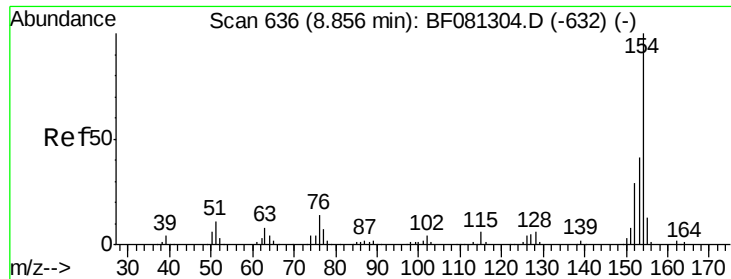
Abundance

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: 33.51 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

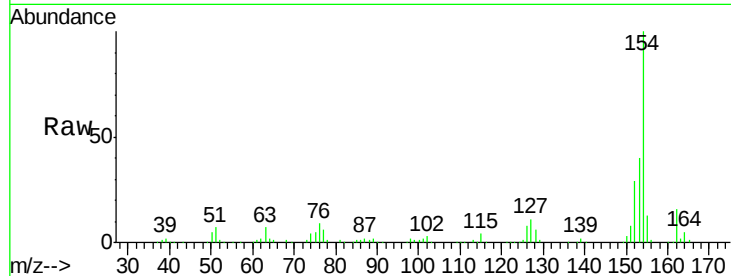
Tot Ion:154 Resp: 348953

Ion Ratio Lower Upper

154 100

153 40.0 17.1 57.1

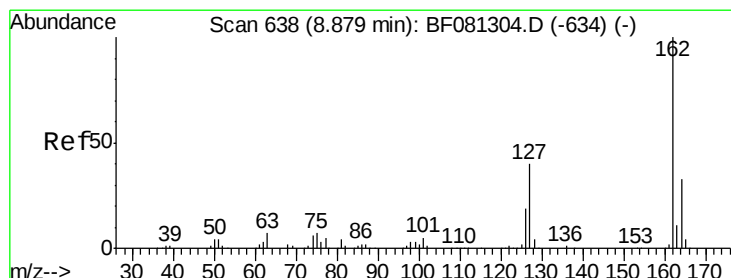
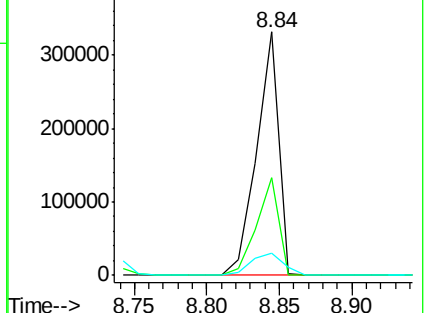
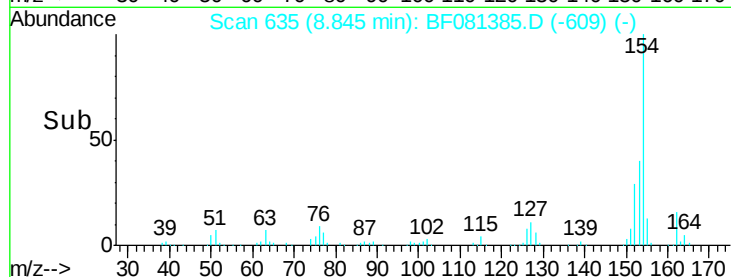
76 9.0 0.0 31.6



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: 31.98 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

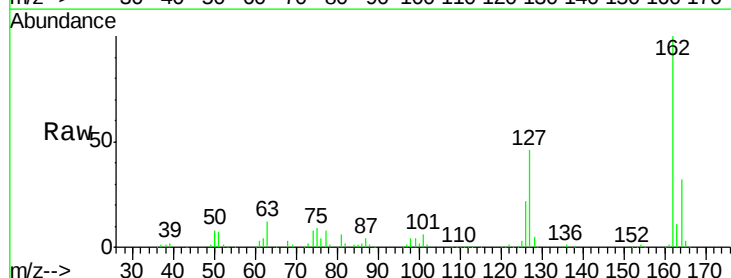
Tgt Ion:162 Resp: 240473

Ion Ratio Lower Upper

162 100

127 45.6 27.6 41.4#

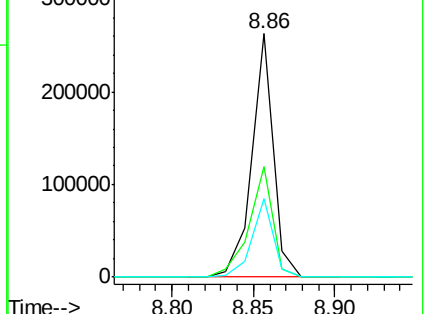
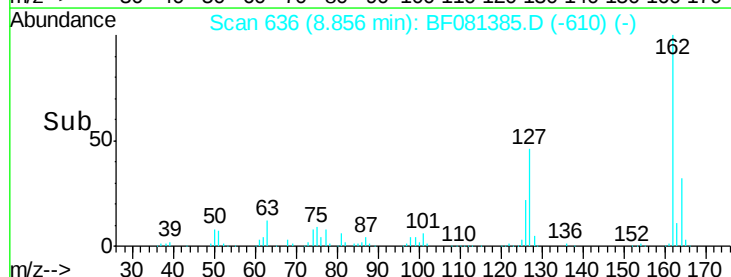
164 32.2 25.4 38.2



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

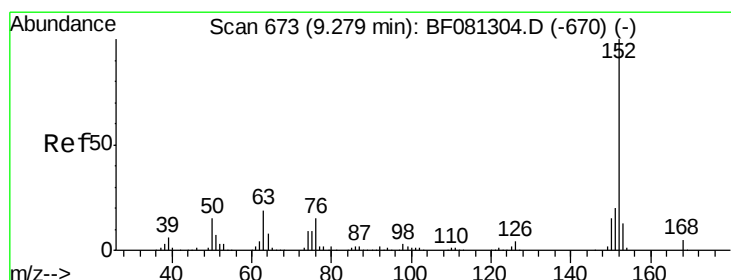
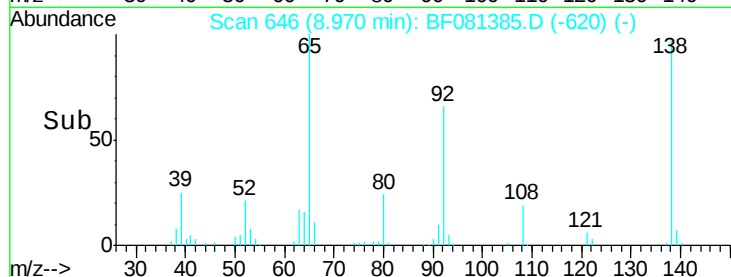
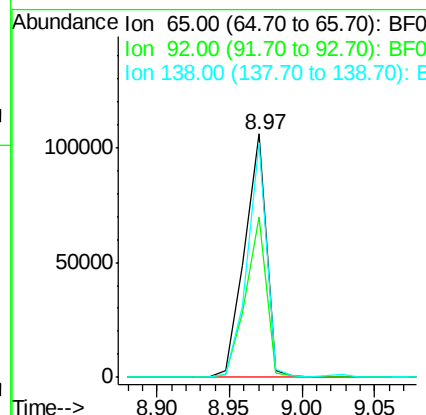
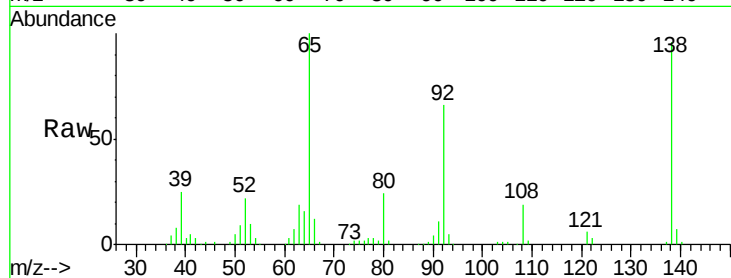




#47
2-Nitroaniline
Concen: 36.17 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

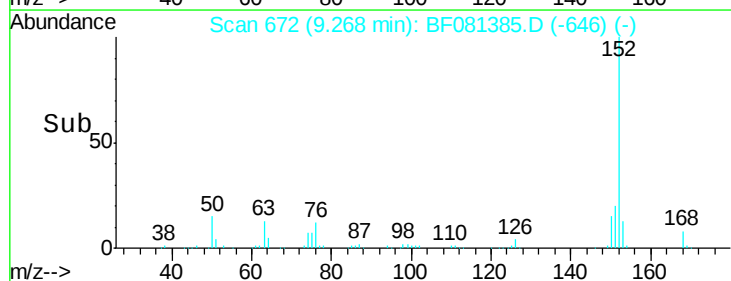
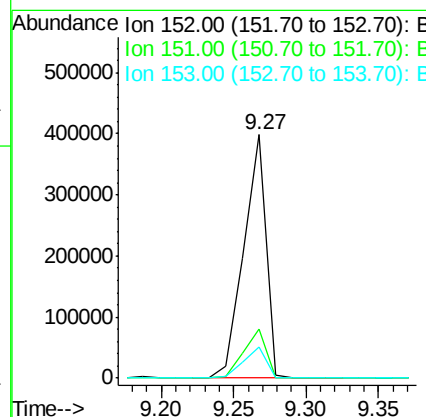
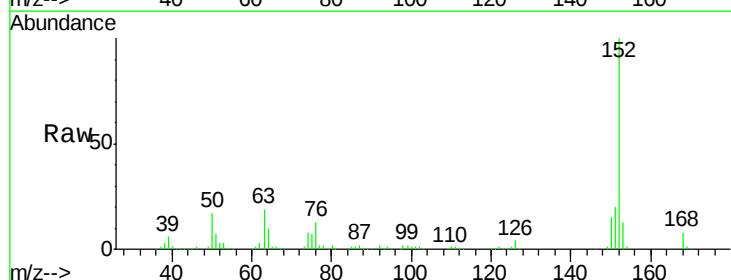
Instrument :
BNA_F
ClientSampleId :
PB85376BS

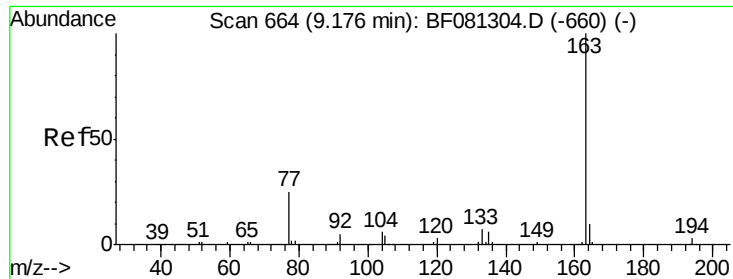
Tot Ion: 65 Resp: 110846
Ion Ratio Lower Upper
65 100
92 65.7 55.4 83.0
138 96.3 115.5 173.3#



#48
Acenaphthylene
Concen: 31.89 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:152 Resp: 425409
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 12.8 10.3 15.5

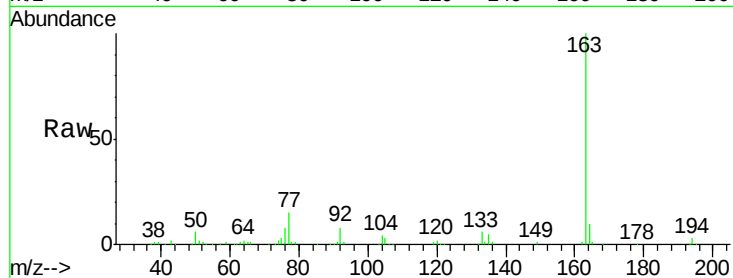




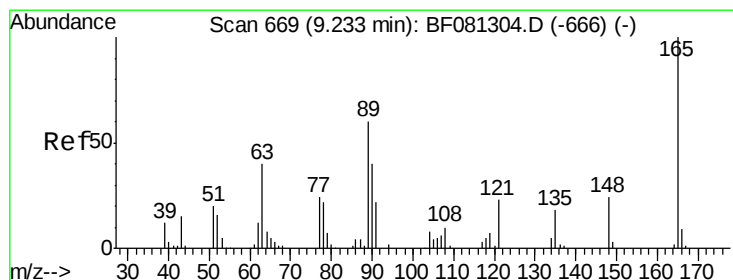
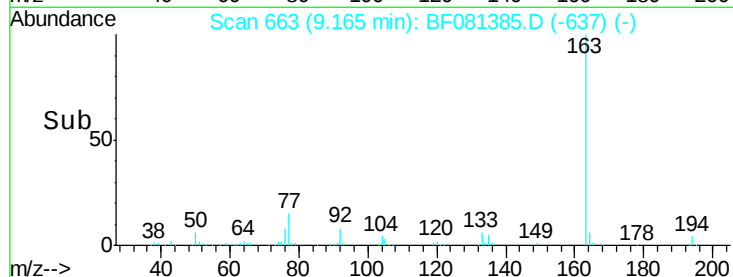
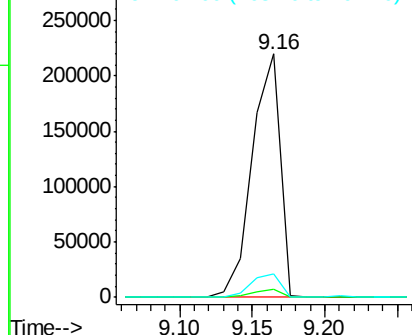
#49
Dimethylphthalate
Concen: 33.46 ng
RT: 9.16 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:163 Resp: 294205
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.8 8.3 12.5

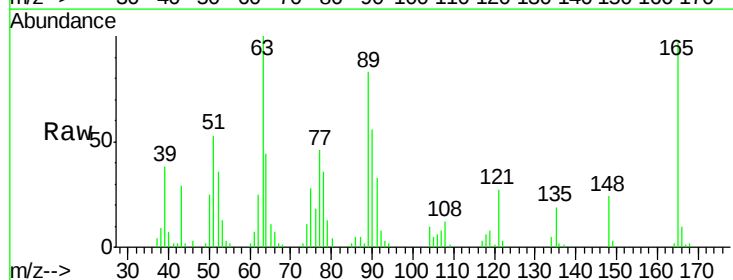


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

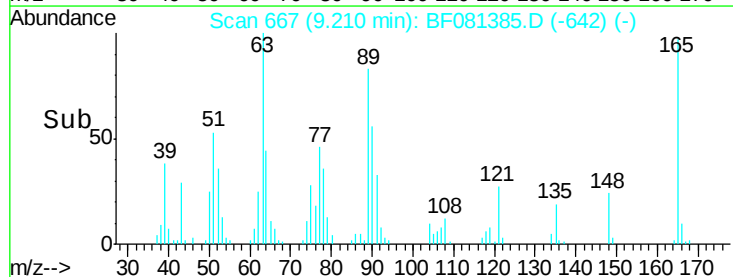
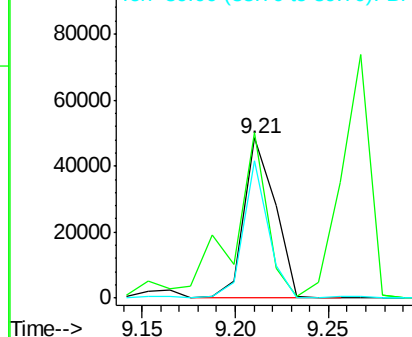


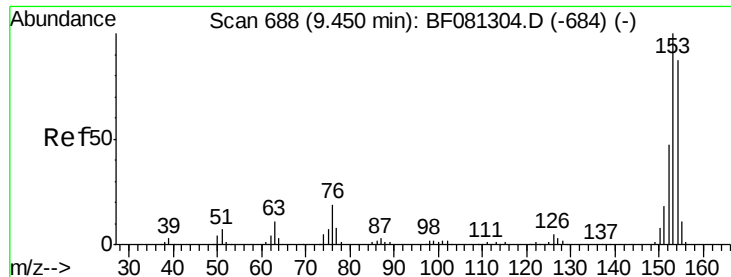
#50
2,6-Dinitrotoluene
Concen: 28.40 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:165 Resp: 56687
Ion Ratio Lower Upper
165 100
63 103.2 32.3 48.5#
89 86.1 28.6 43.0#



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

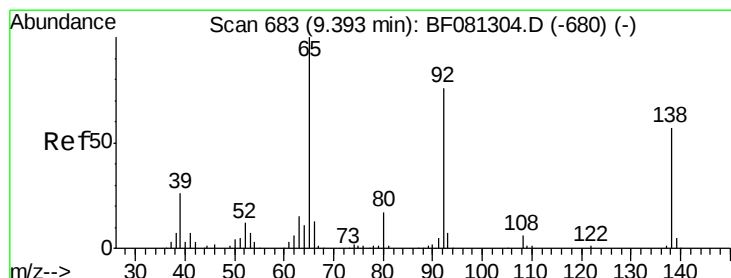
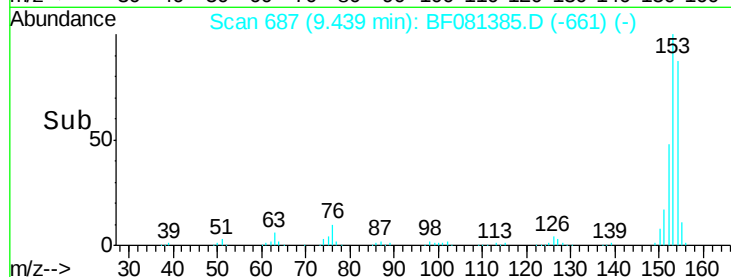
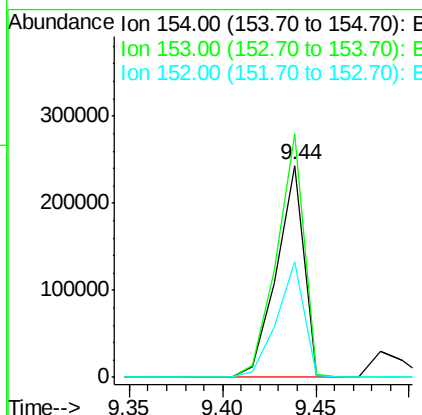
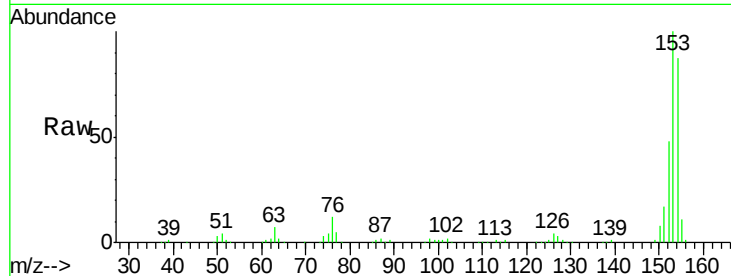




#51
Acenaphthene
Concen: 33.09 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

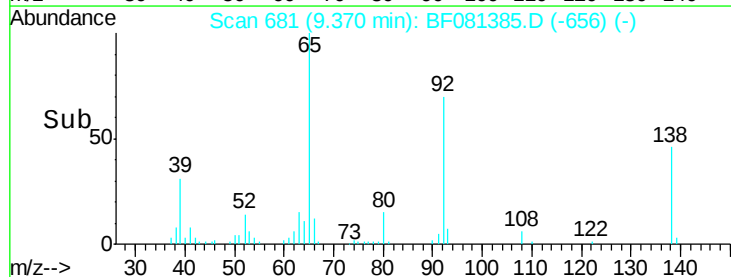
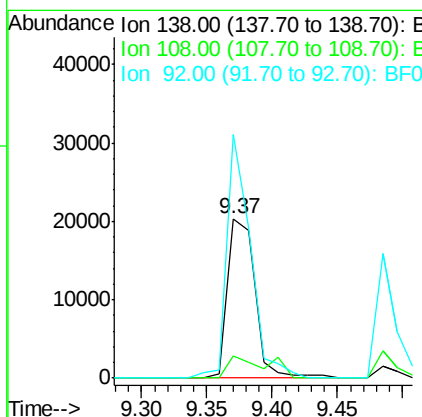
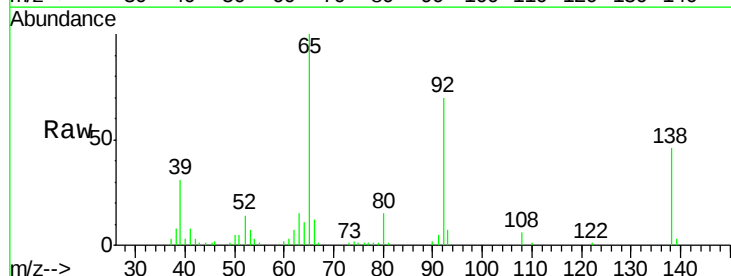
Instrument :
BNA_F
ClientSampleId :
PB85376BS

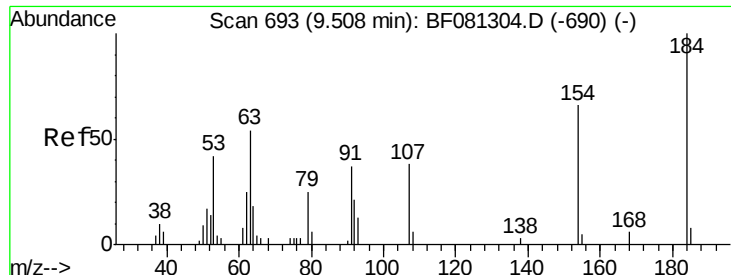
Tot Ion:154 Resp: 251123
Ion Ratio Lower Upper
154 100
153 114.8 82.1 123.1
152 54.6 37.9 56.9



#52
3-Nitroaniline
Concen: 13.13 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:138 Resp: 29843
Ion Ratio Lower Upper
138 100
108 14.0 5.7 8.5#
92 152.7 67.7 101.5#

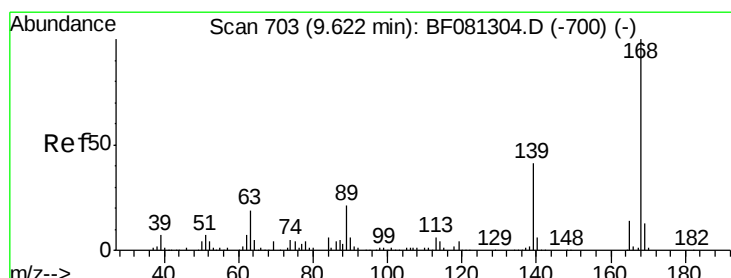
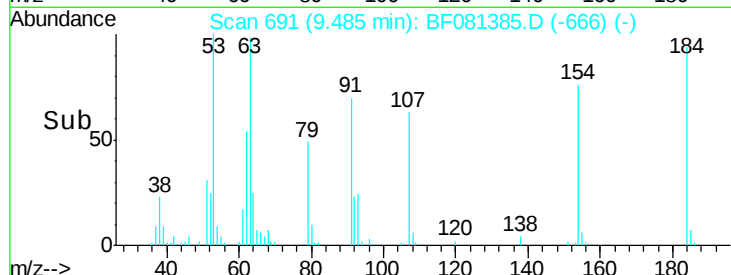
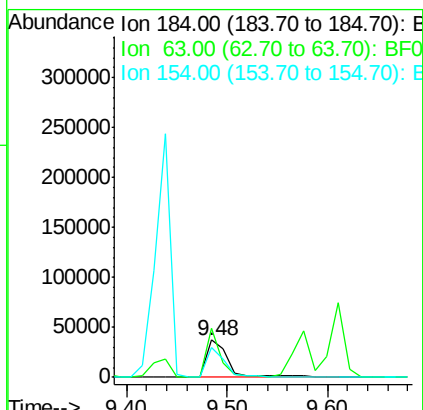
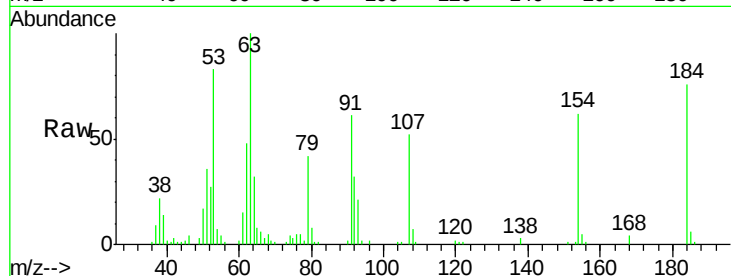




#53
2,4-Dinitrophenol
Concen: 65.08 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

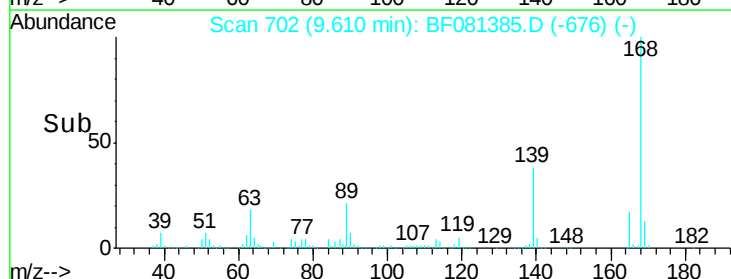
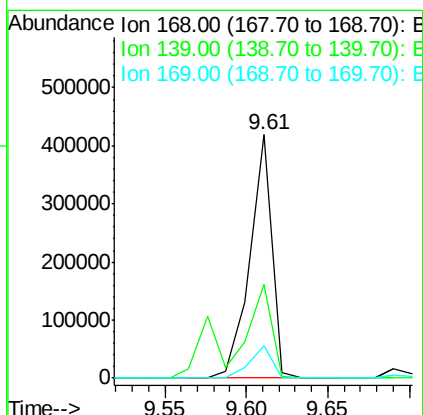
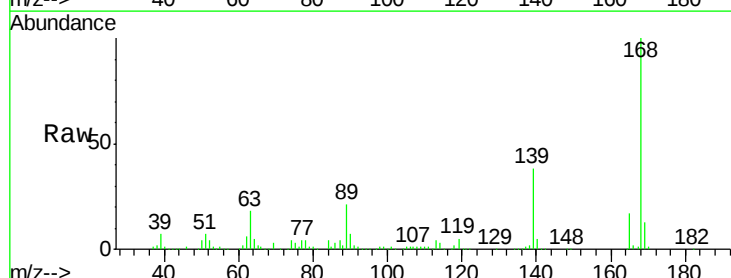
Instrument :
BNA_F
ClientSampleId :
PB85376BS

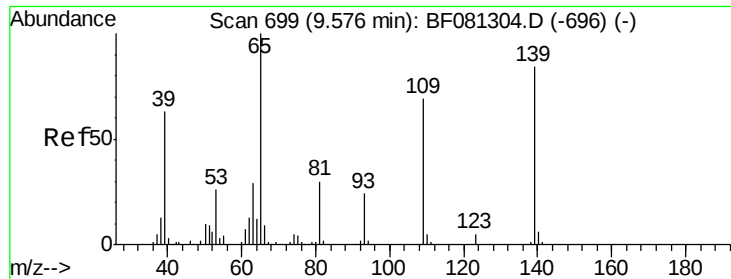
Tot Ion:184 Resp: 54705
Ion Ratio Lower Upper
184 100
63 131.9 35.4 53.2#
154 81.3 32.2 48.4#



#54
Dibenzofuran
Concen: 35.34 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:168 Resp: 391606
Ion Ratio Lower Upper
168 100
139 38.4 24.2 36.2#
169 13.2 10.6 15.8

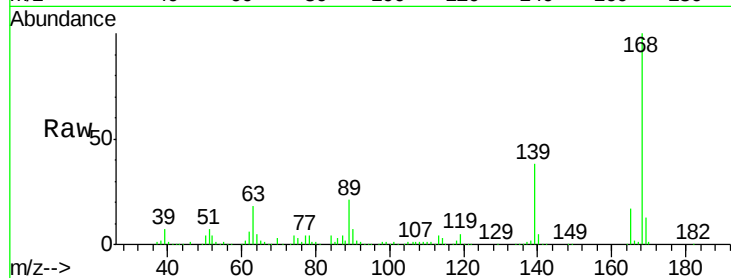




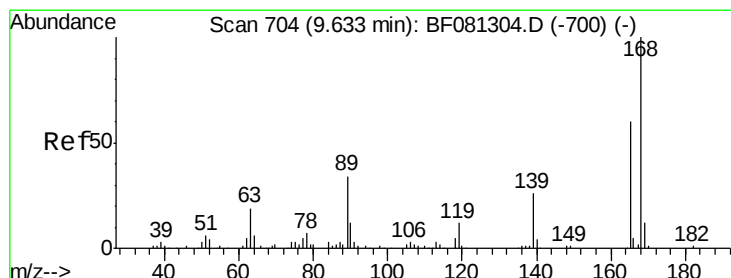
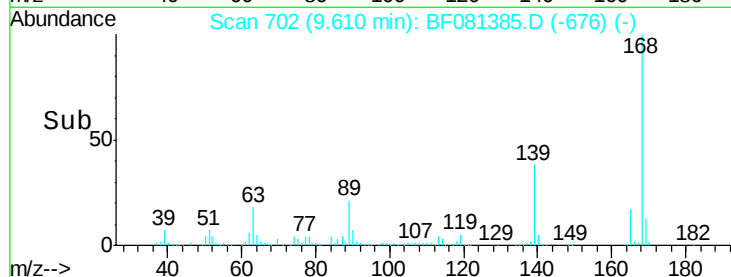
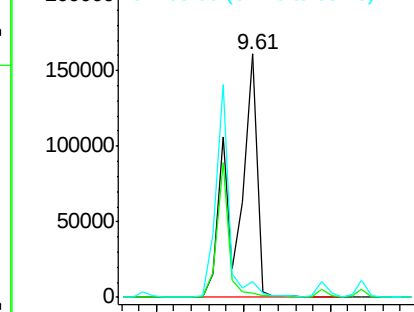
#55
4-Nitrophenol
Concen: 179.96 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:139 Resp: 256867
Ion Ratio Lower Upper
139 100
109 1.9 12.7 52.7#
65 6.4 45.9 85.9#

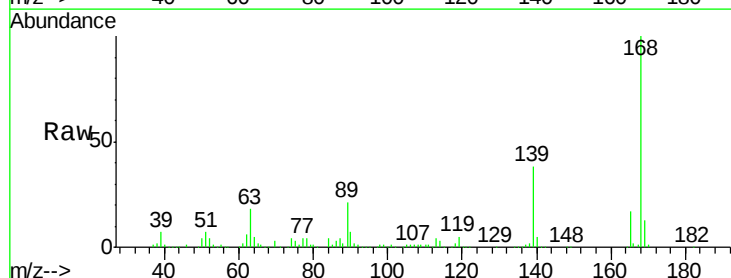


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

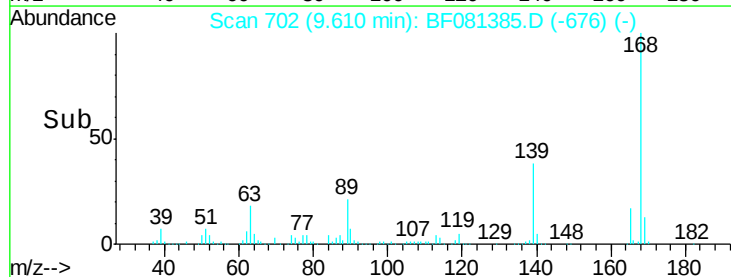
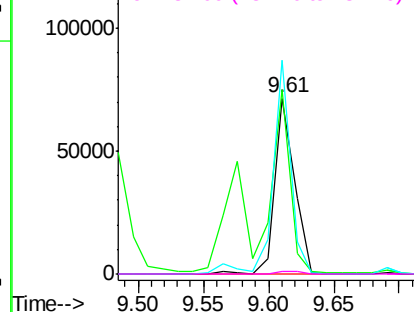


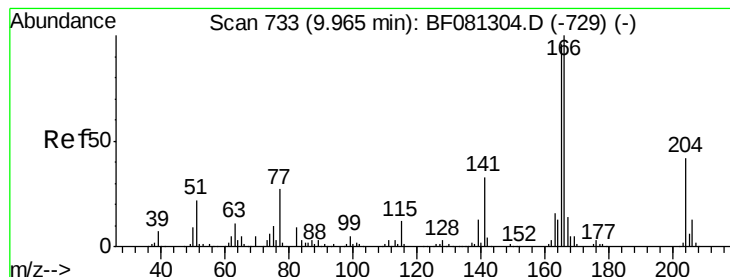
#56
2,4-Dinitrotoluene
Concen: 29.87 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:165 Resp: 75903
Ion Ratio Lower Upper
165 100
63 105.2 29.8 44.6#
89 121.5 44.5 66.7#
182 1.8 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: 33.03 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

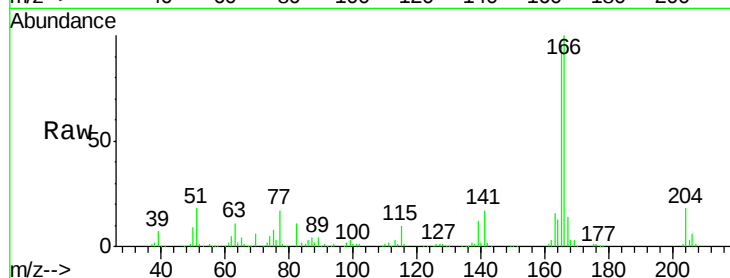
Tot Ion:166 Resp: 277775

Ion Ratio Lower Upper

166 100

165 95.6 72.6 109.0

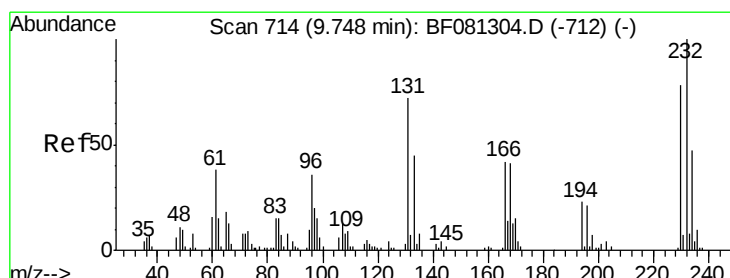
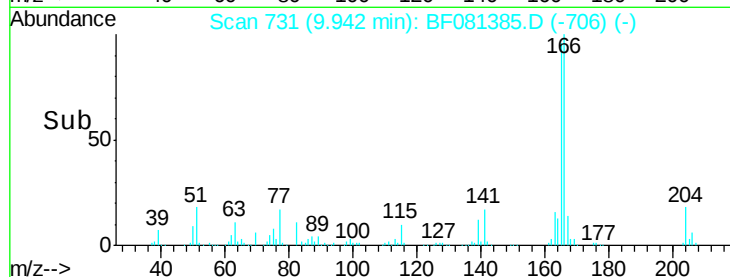
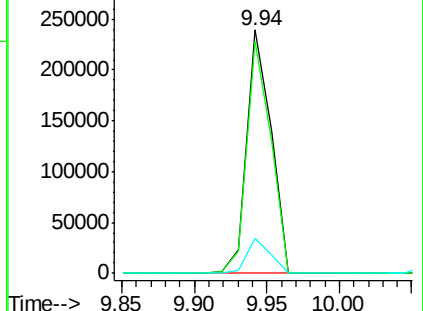
167 14.5 10.6 16.0



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: 36.00 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Tgt Ion:232 Resp: 69270

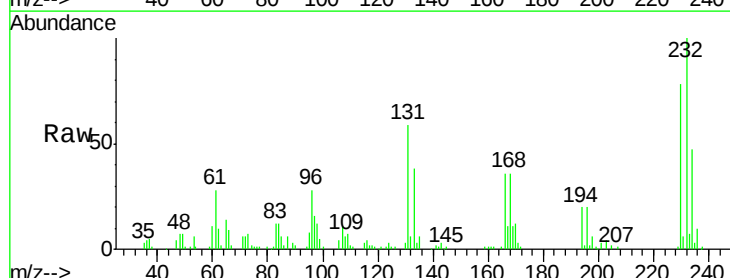
Ion Ratio Lower Upper

232 100

131 55.6 38.5 57.7

130 2.3 1.8 2.6

166 33.6 25.0 37.6

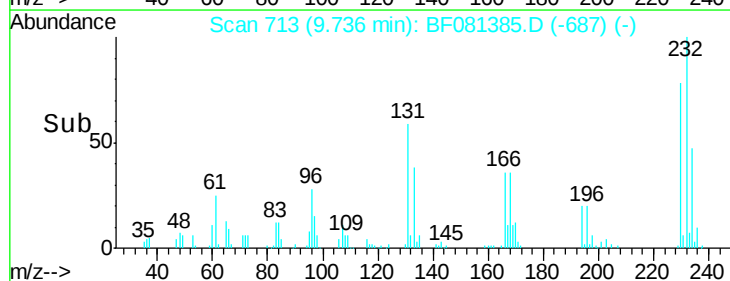
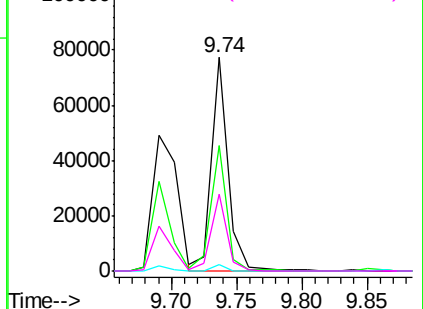


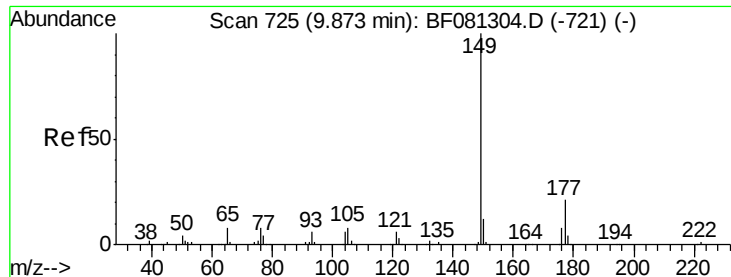
Abundance Ion 232.00 (231.70 to 232.70): E

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

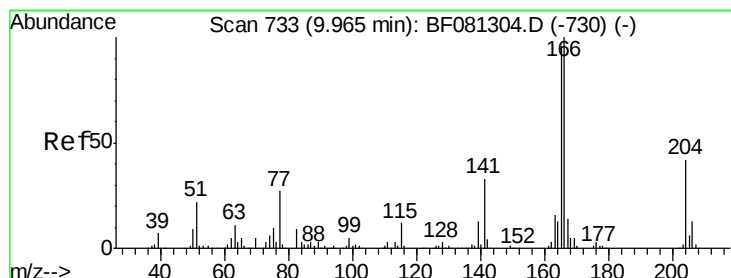
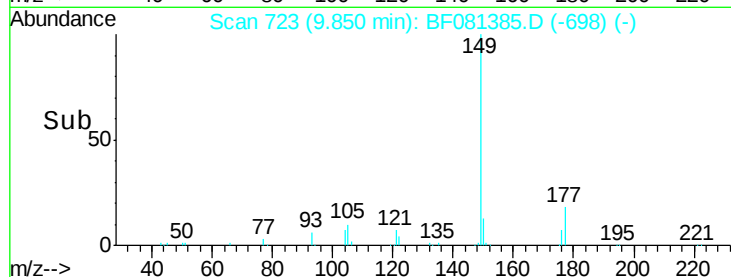
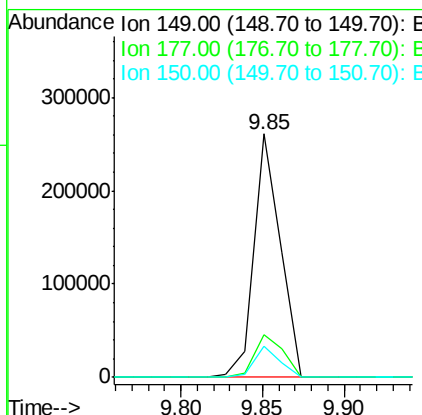
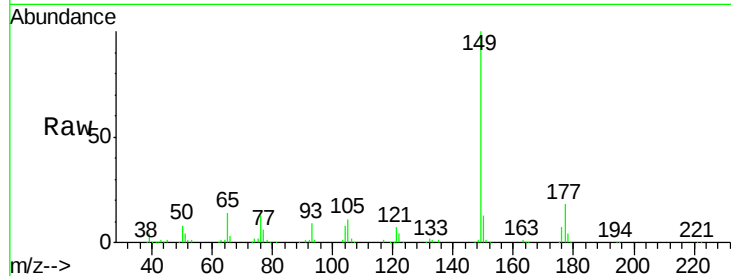




#59
Diethylphthalate
Concen: 31.65 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

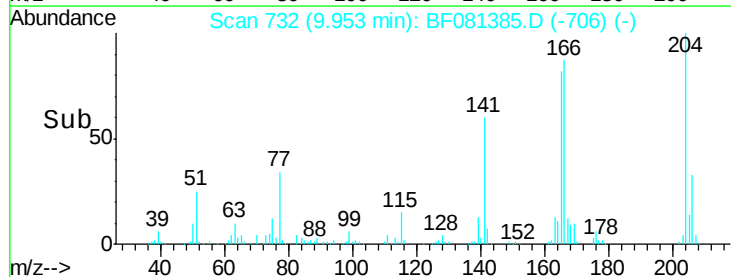
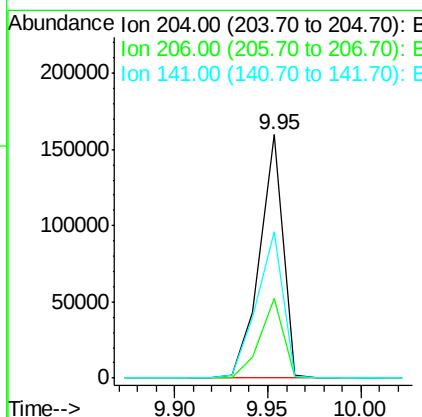
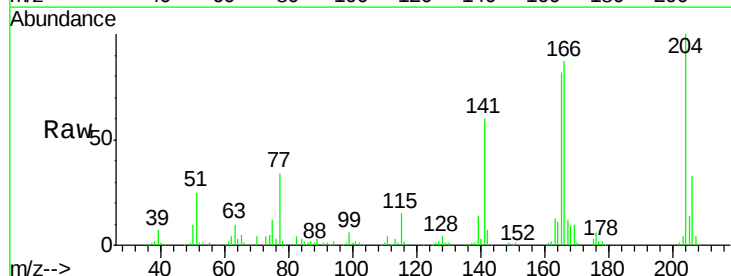
Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:149 Resp: 292773
Ion Ratio Lower Upper
149 100
177 17.6 17.5 26.3
150 12.7 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.19 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:204 Resp: 141854
Ion Ratio Lower Upper
204 100
206 33.0 24.8 37.2
141 60.0 42.2 63.4





#61

4-Nitroaniline

Concen: 30.42 ng

RT: 9.99 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

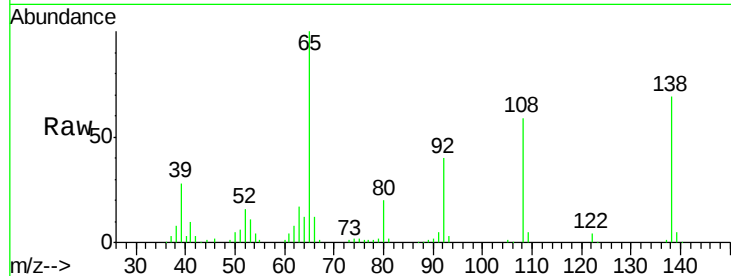
Tot Ion:138 Resp: 69832

Ion Ratio Lower Upper

138 100

92 58.1 12.6 52.6#

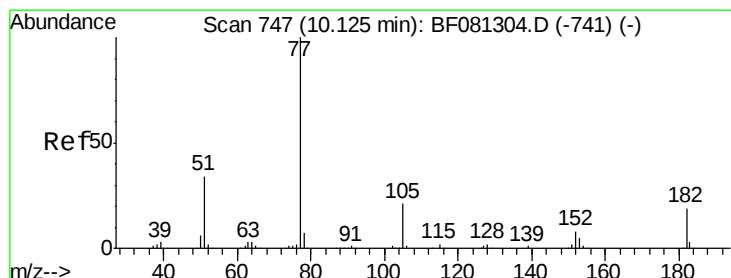
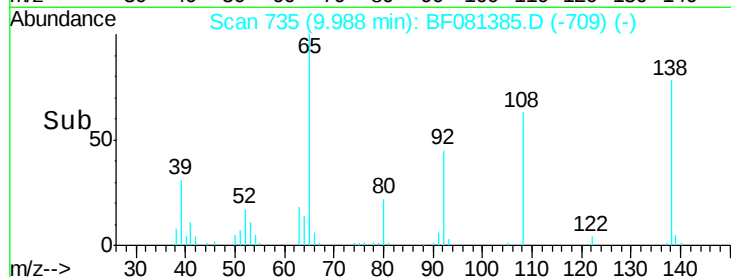
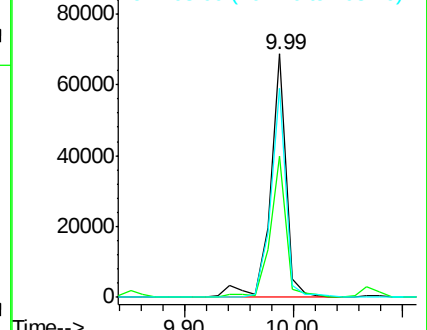
108 85.7 12.4 52.4#



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: 33.68 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Tgt Ion: 77 Resp: 346365

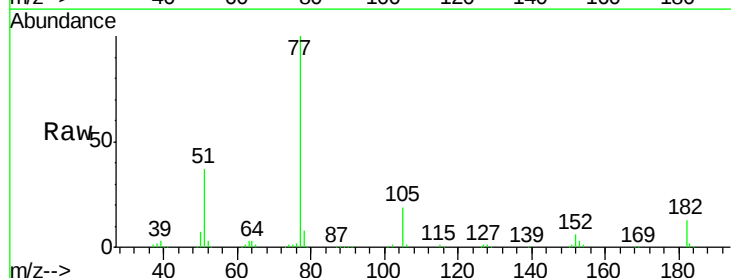
Ion Ratio Lower Upper

77 100

182 13.1 15.1 55.1#

105 19.3 3.4 43.4

51 37.2 12.0 52.0

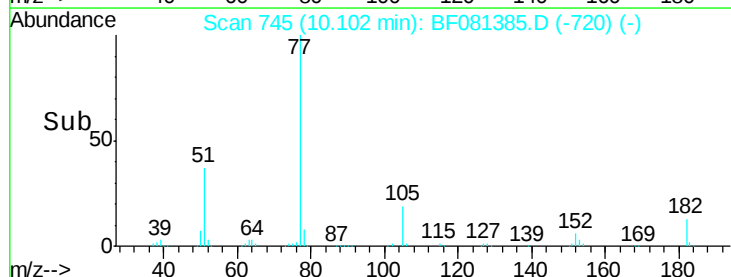
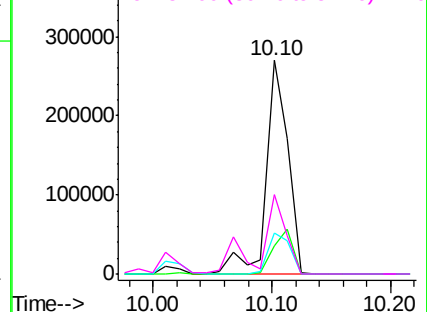


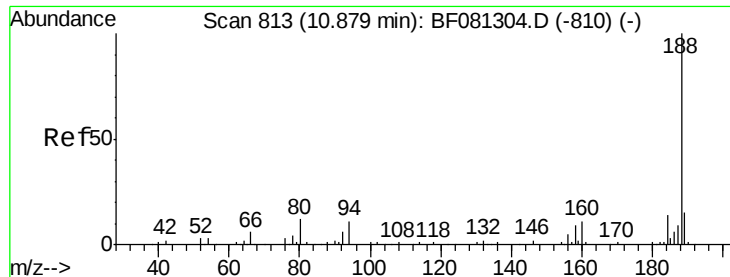
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

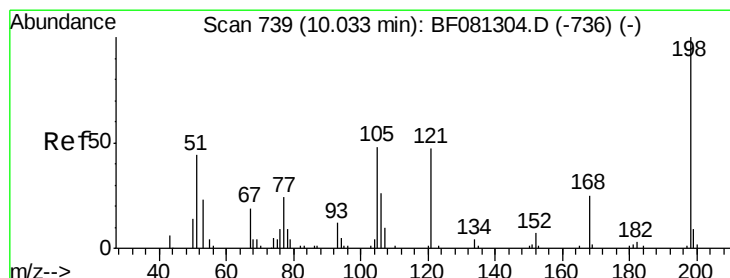
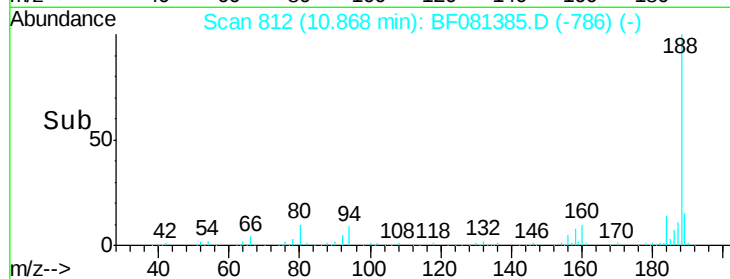
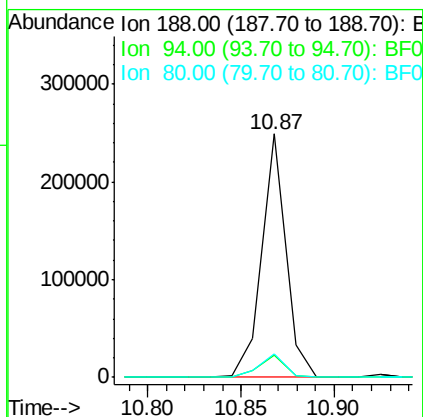
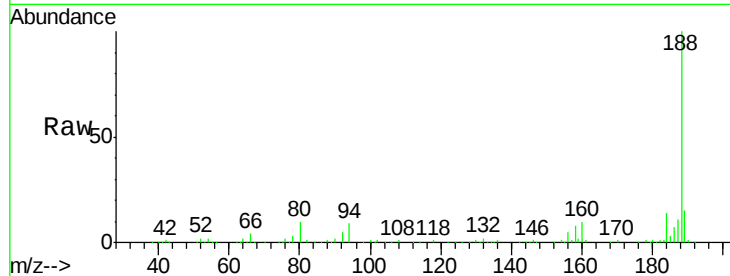




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

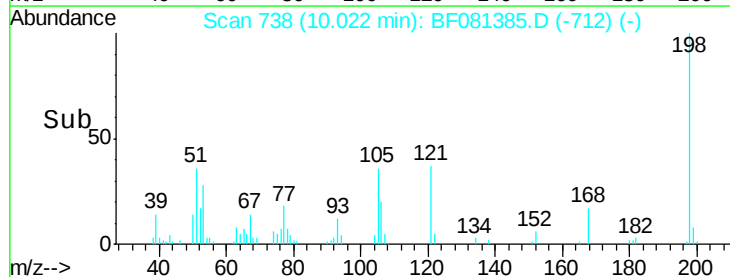
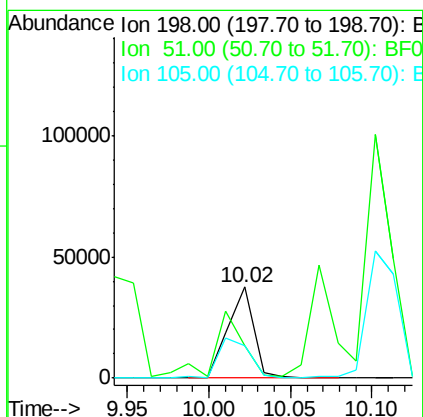
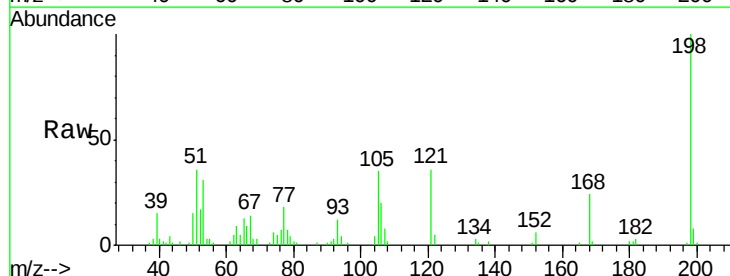
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

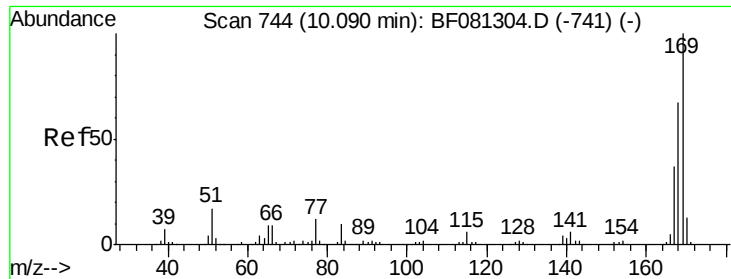
Tot Ion:188 Resp: 222278
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 9.7 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.67 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:198 Resp: 40620
 Ion Ratio Lower Upper
 198 100
 51 36.0 39.6 79.6#
 105 35.5 28.5 68.5

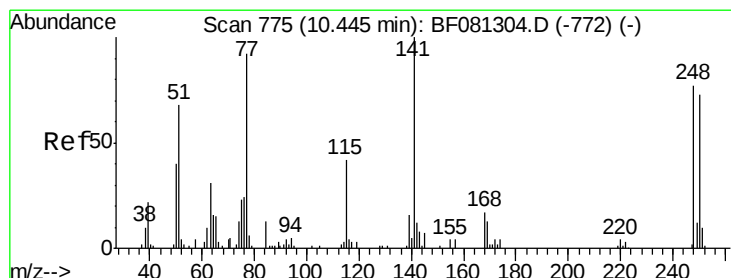
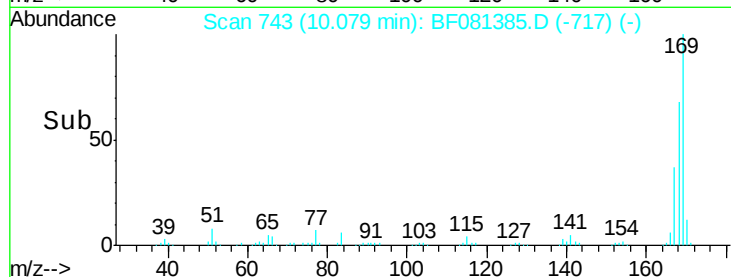
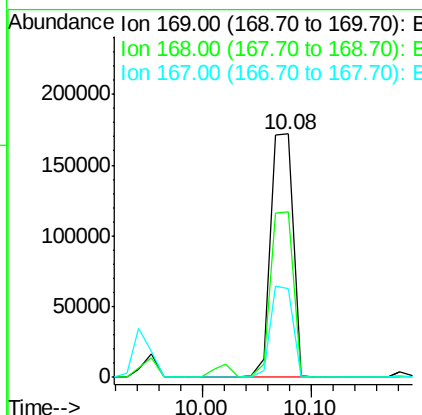
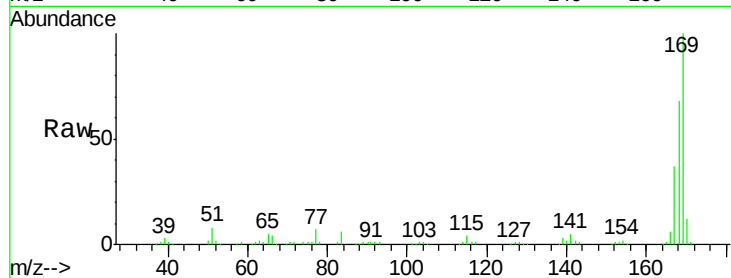




#65
 n-Nitrosodiphenylamine
 Concen: 30.57 ng
 RT: 10.08 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

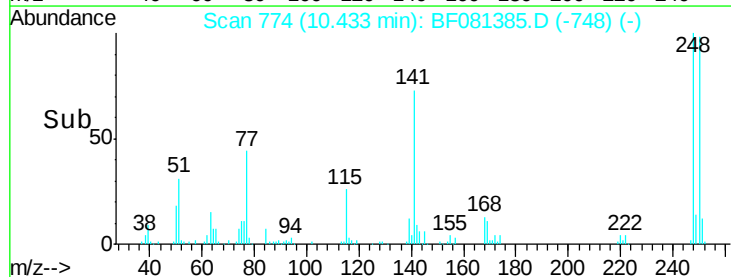
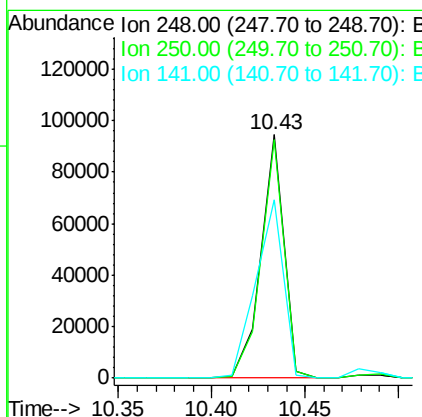
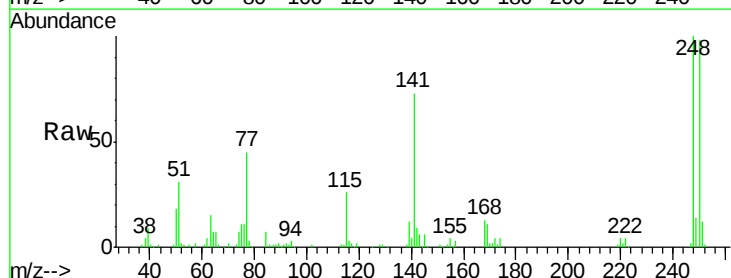
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion:169 Resp: 247280
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 36.5 26.2 39.4



#66
 4-Bromophenyl-phenylether
 Concen: 35.59 ng
 RT: 10.43 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:248 Resp: 79983
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.5 117.7
 141 73.4 59.0 88.6

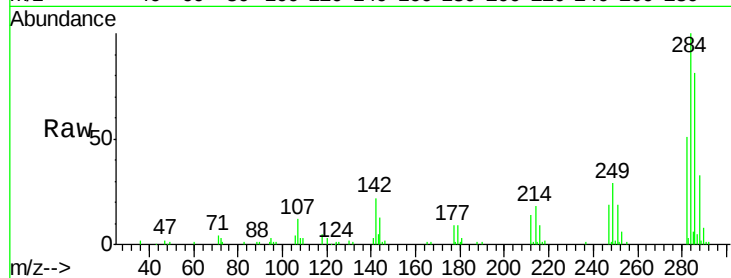




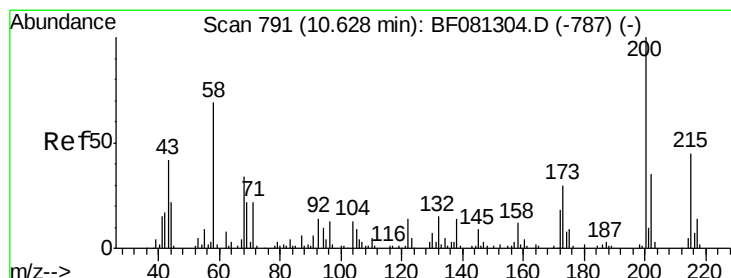
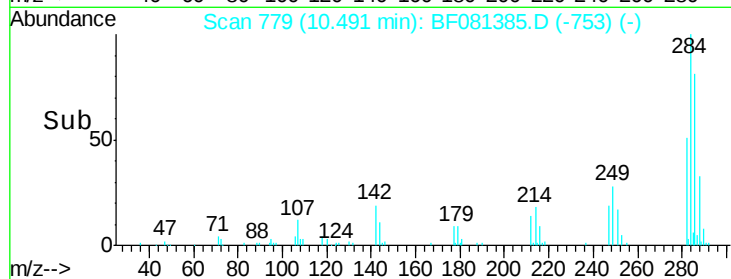
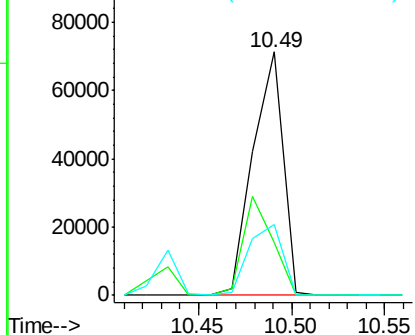
#67
Hexachlorobenzene
Concen: 34.04 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:284 Resp: 80003
Ion Ratio Lower Upper
284 100
142 21.7 29.5 44.3#
249 29.3 19.5 29.3

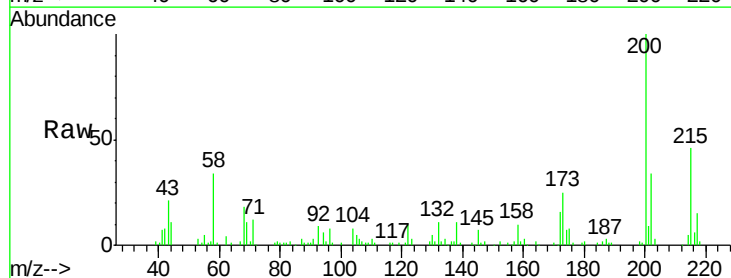


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

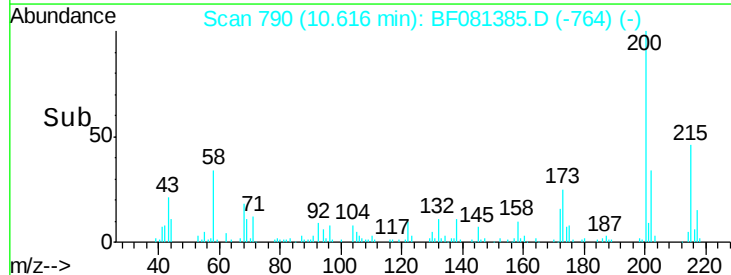
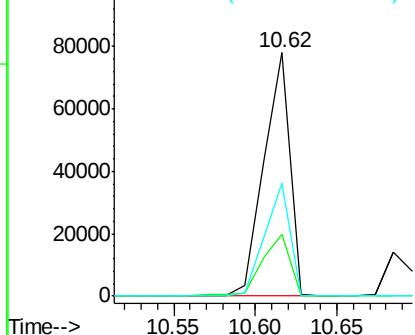


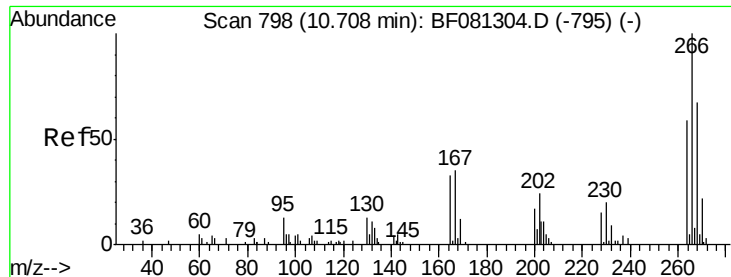
#68
Atrazine
Concen: 36.94 ng
RT: 10.62 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:200 Resp: 86454
Ion Ratio Lower Upper
200 100
173 25.5 13.2 53.2
215 46.2 41.8 81.8



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

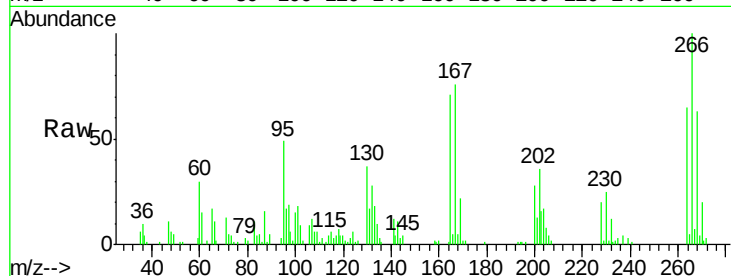




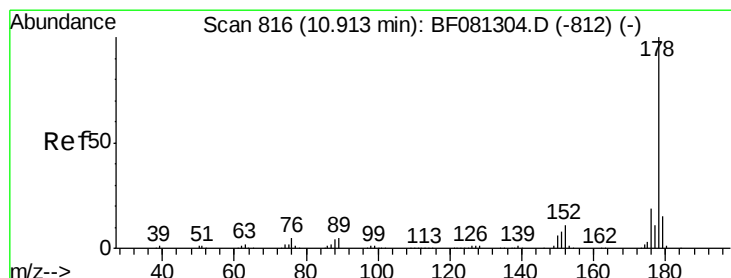
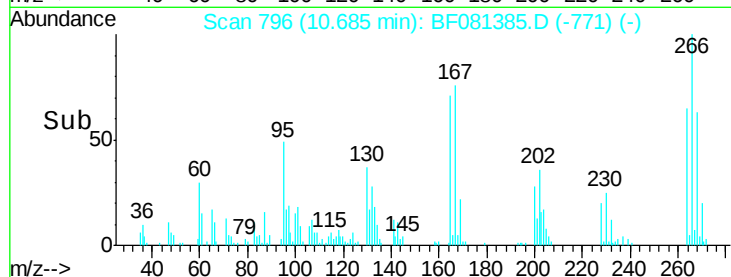
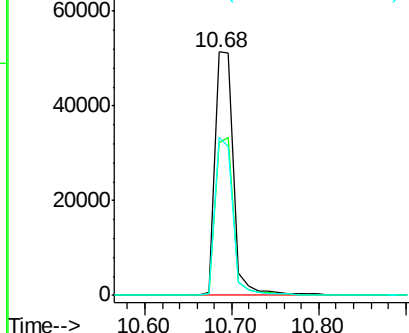
#69
 Pentachlorophenol
 Concen: 69.57 ng
 RT: 10.68 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion:266 Resp: 78129
 Ion Ratio Lower Upper
 266 100
 268 62.8 49.8 74.6
 264 64.7 50.2 75.2

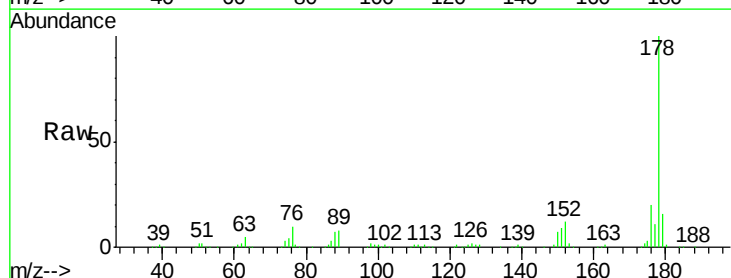


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

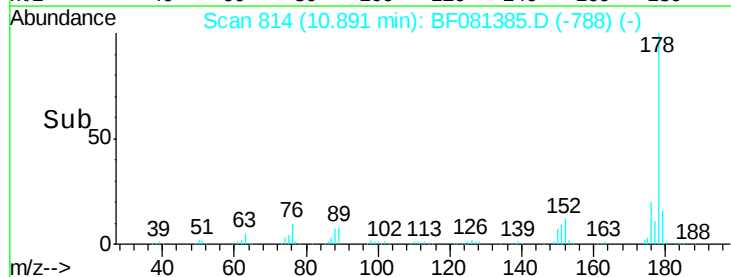
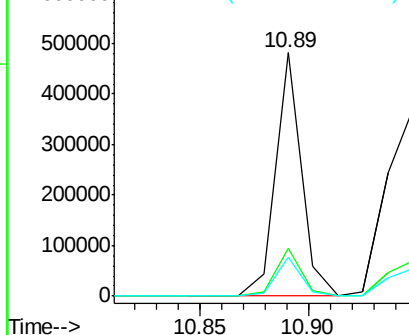


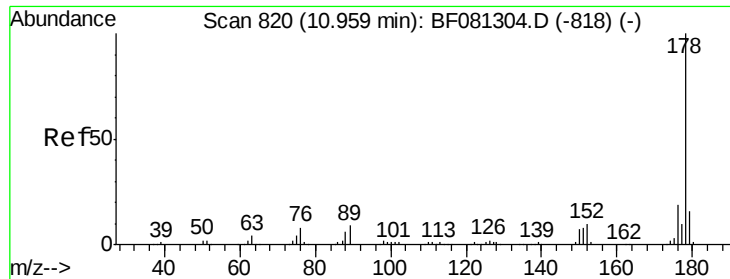
#70
 Phenanthrene
 Concen: 32.69 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:178 Resp: 403989
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.8 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

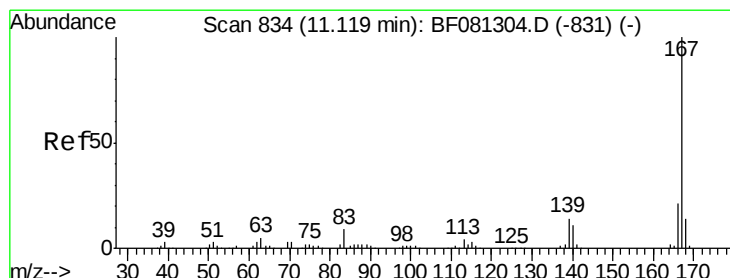
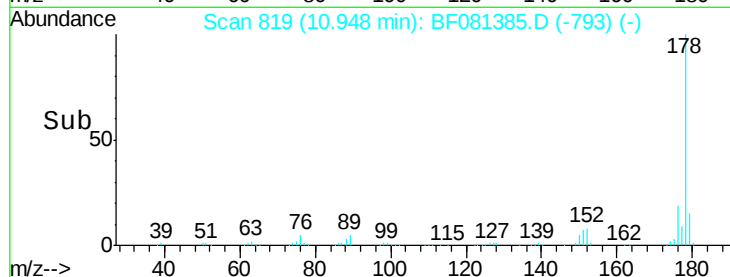
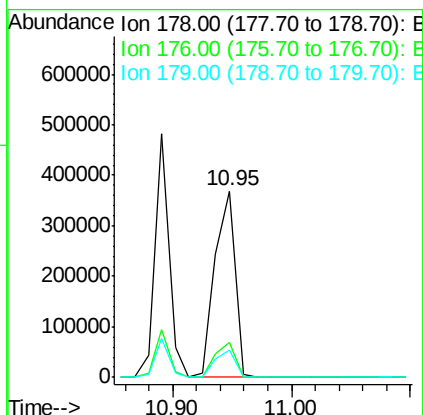
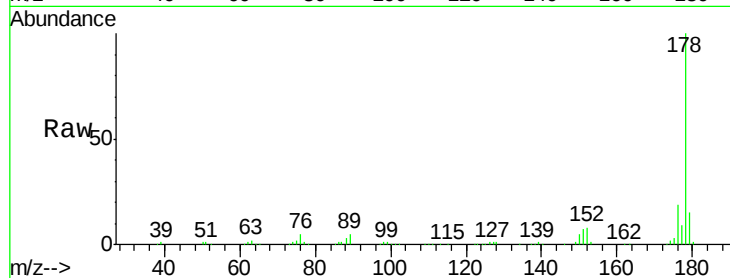




#71
 Anthracene
 Concen: 34.10 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

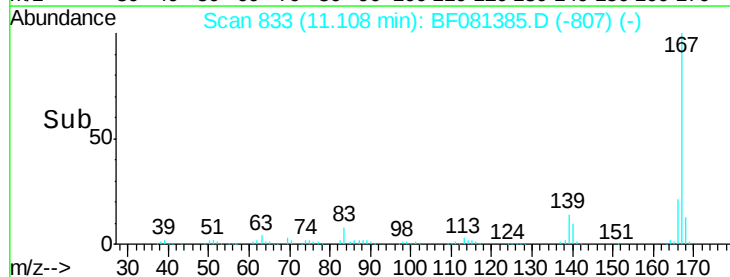
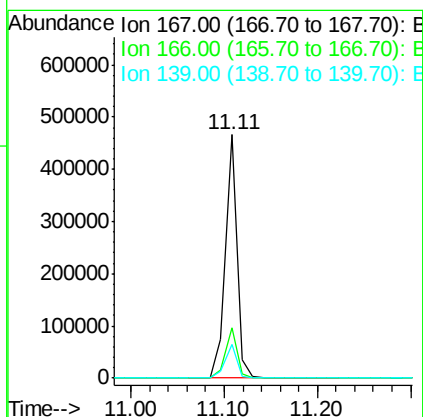
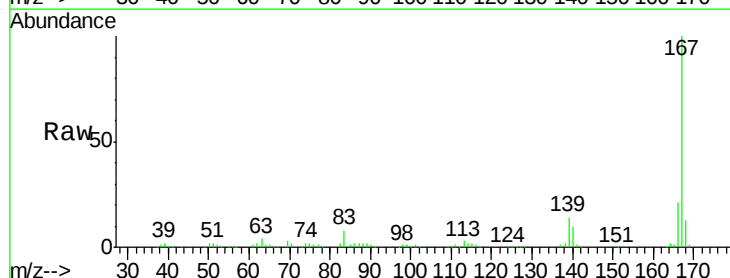
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion:178 Resp: 432932
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 14.9 12.2 18.2



#72
 Carbazole
 Concen: 33.77 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:167 Resp: 402274
 Ion Ratio Lower Upper
 167 100
 166 20.6 15.7 23.5
 139 13.8 9.5 14.3





#73

Di-n-butylphthalate

Concen: 34.82 ng

RT: 11.46 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

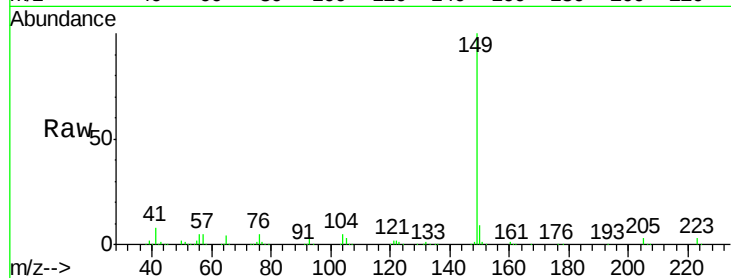
Tot Ion:149 Resp: 489793

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

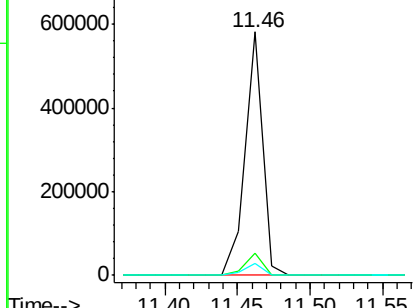
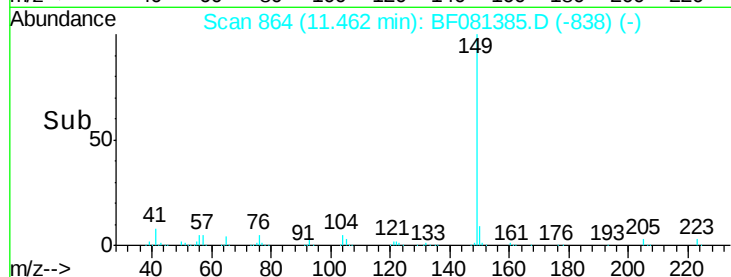
104 4.9 2.4 3.6#



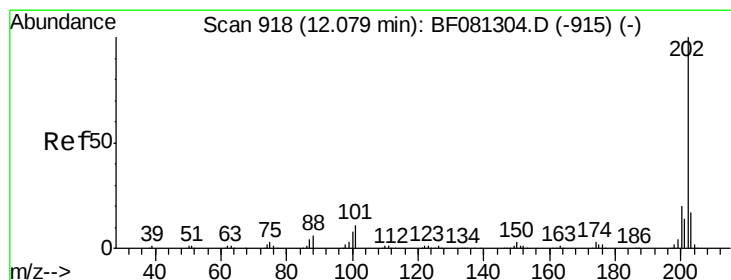
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 34.10 ng

RT: 12.07 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

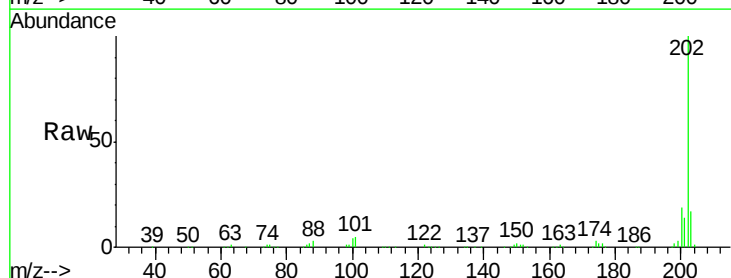
Tgt Ion:202 Resp: 456237

Ion Ratio Lower Upper

202 100

101 5.4 0.0 38.3

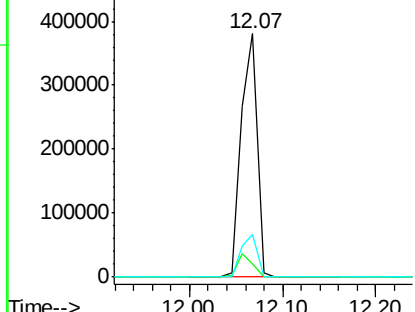
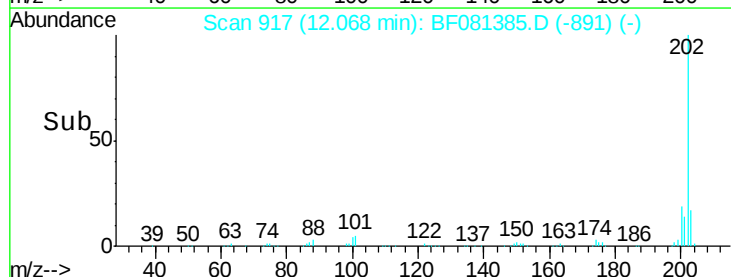
203 17.4 0.0 37.3



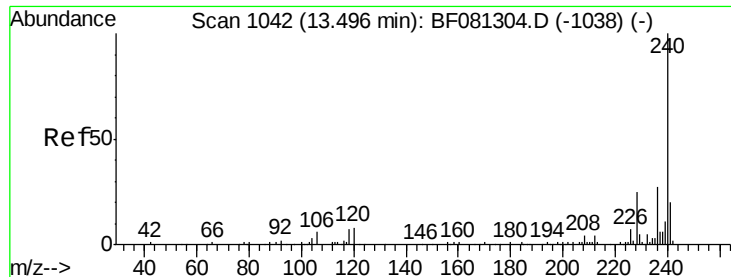
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



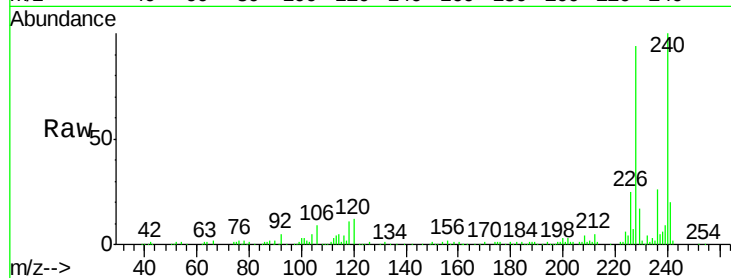
Time-->



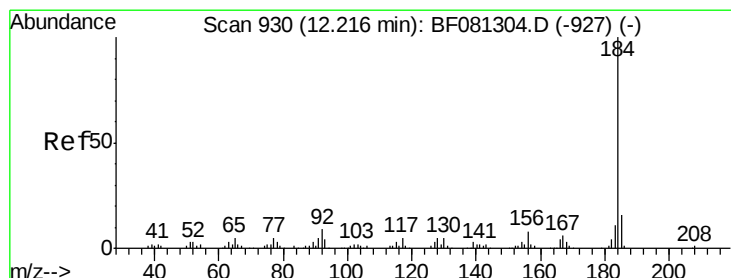
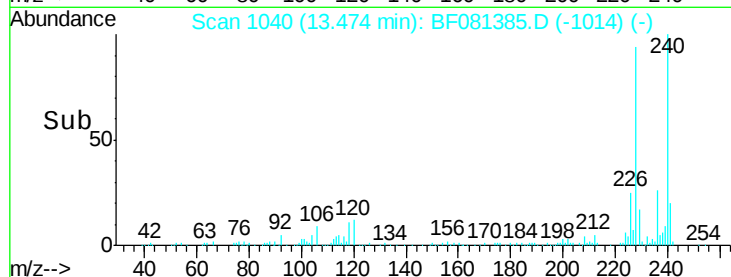
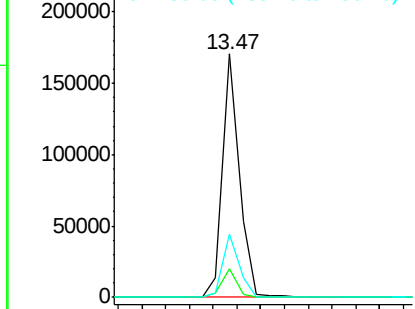
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:240 Resp: 166540
Ion Ratio Lower Upper
240 100
120 11.9 16.2 24.2#
236 25.7 18.4 27.6

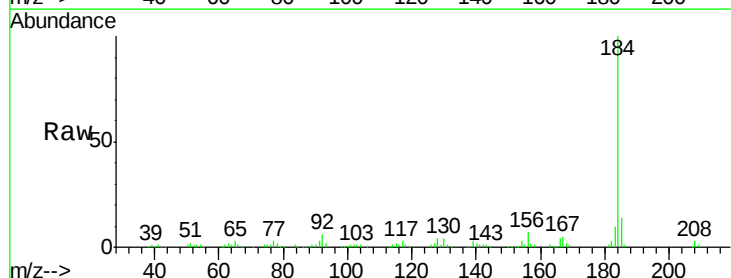


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

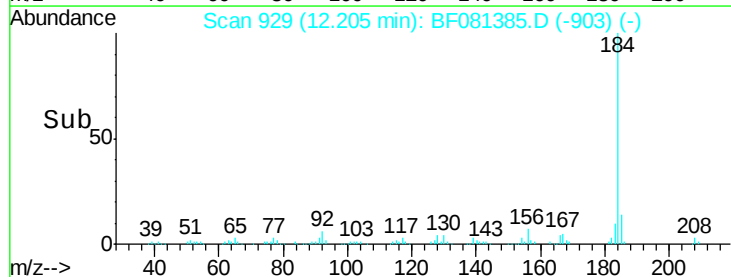
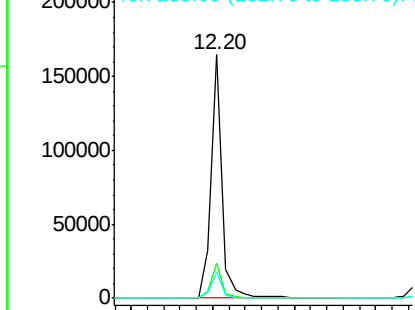


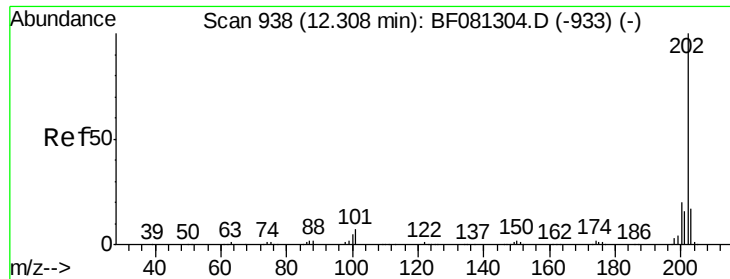
#76
Benzidine
Concen: 22.21 ng
RT: 12.20 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:184 Resp: 158772
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 10.5 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

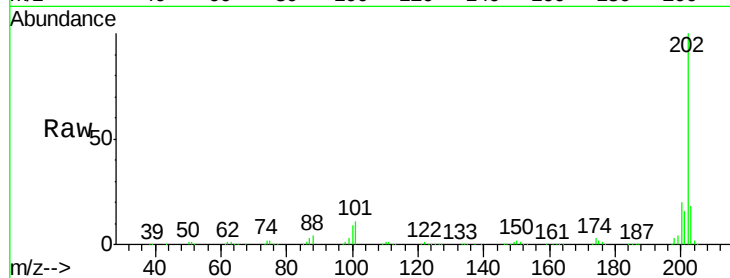




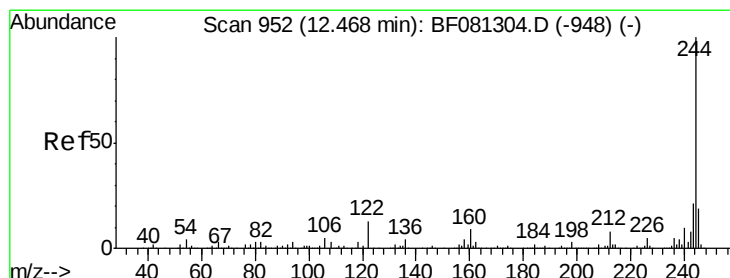
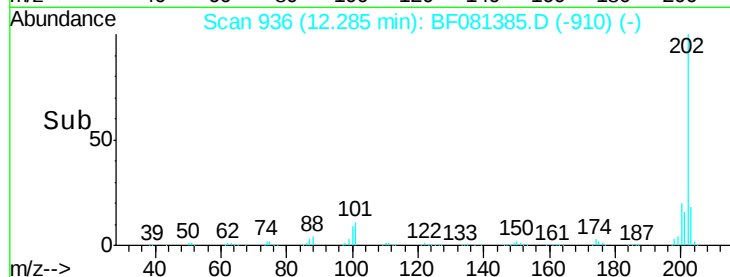
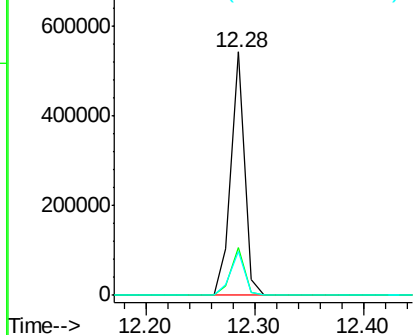
#77
 Pvrene
 Concen: 38.26 ng
 RT: 12.28 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.0	22.4
203	18.0	14.1	21.1

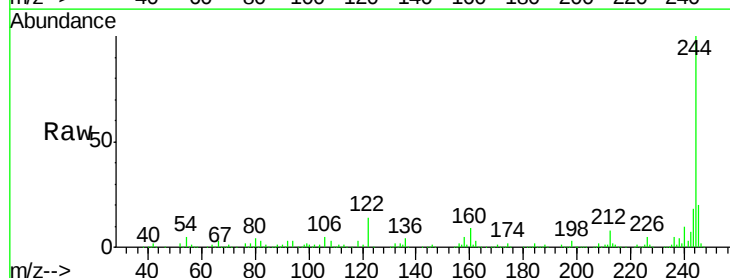


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

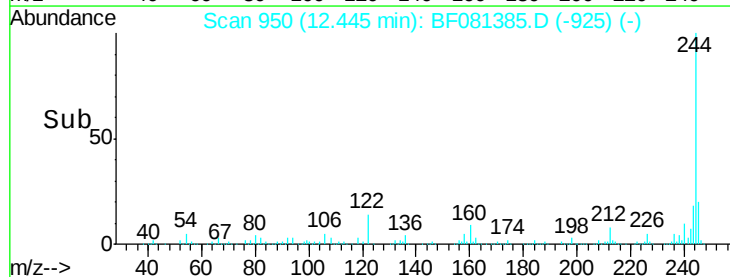
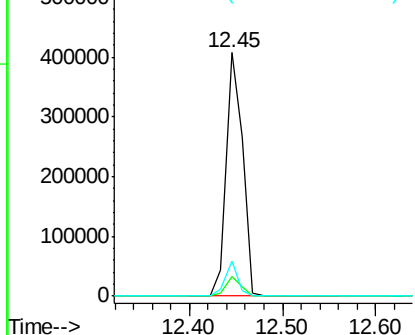


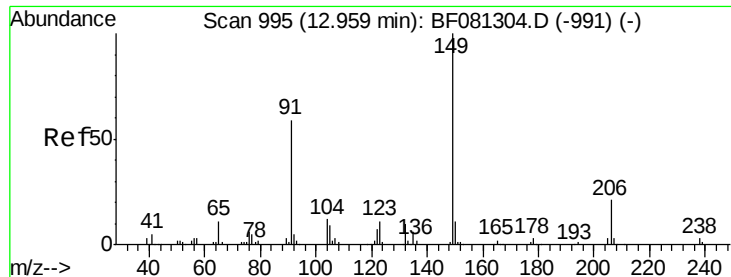
#78
 Terphenyl-d14
 Concen: 69.64 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	14.2	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

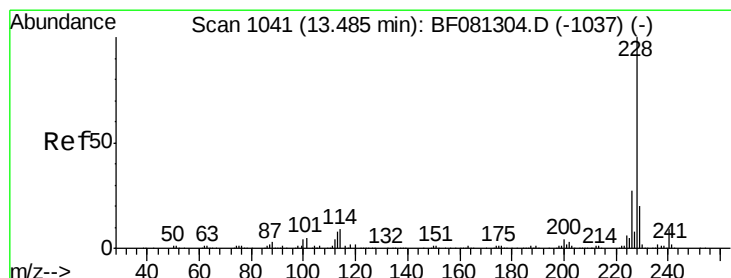
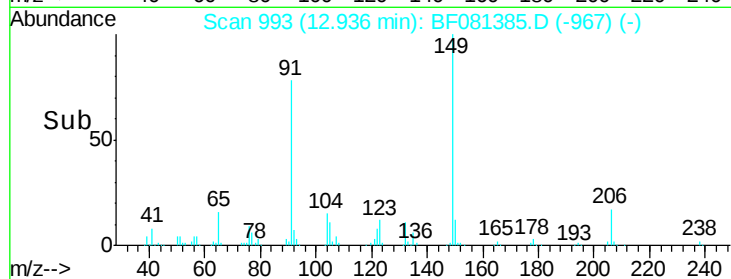
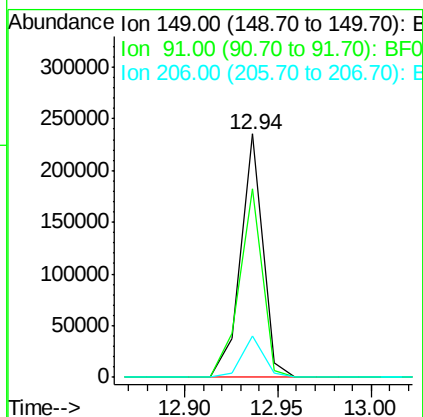
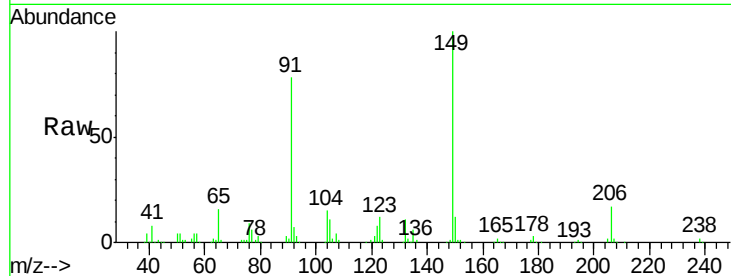




#79
Butylbenzylphthalate
Concen: 36.89 ng
RT: 12.94 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

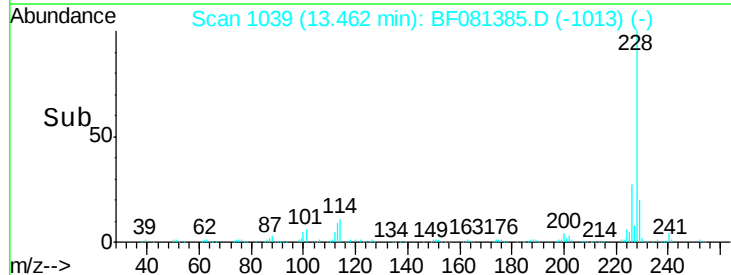
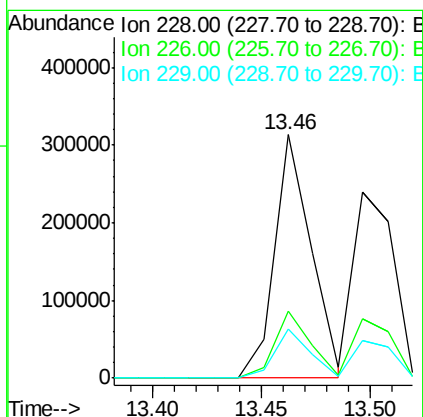
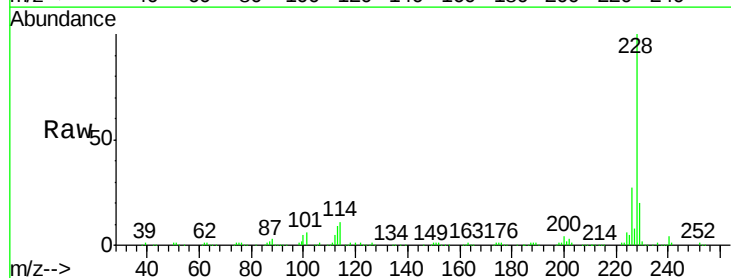
Instrument :
BNA_F
ClientSampleId :
PB85376BS

Tot Ion:149 Resp: 197909
Ion Ratio Lower Upper
149 100
91 77.6 48.6 72.8#
206 17.2 14.9 22.3



#80
Benzo(a)anthracene
Concen: 34.69 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081385.D
Acq: 3 Sep 2015 19:44

Tgt Ion:228 Resp: 367913
Ion Ratio Lower Upper
228 100
226 27.4 20.0 30.0
229 20.1 15.4 23.2

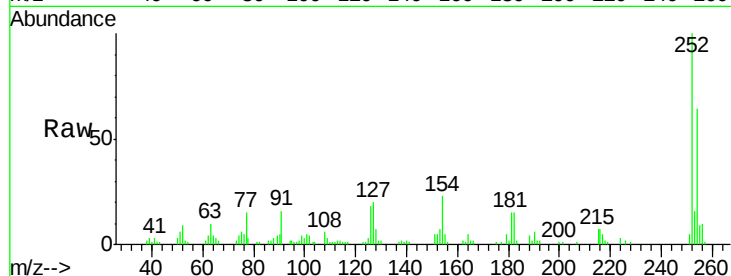




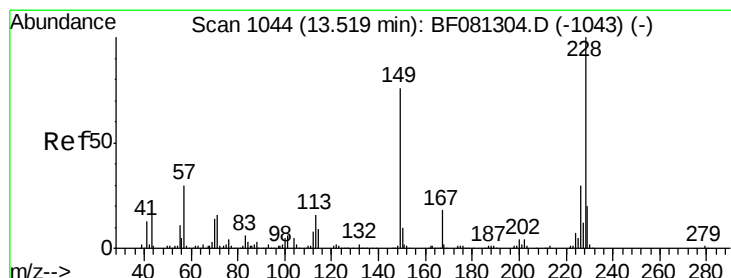
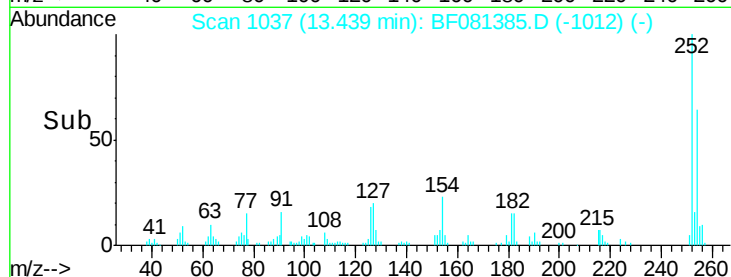
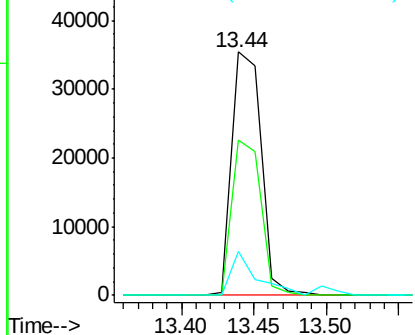
#81
 3,3'-Dichlorobenzidine
 Concen: 13.96 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.2
126	17.9	16.4	24.6

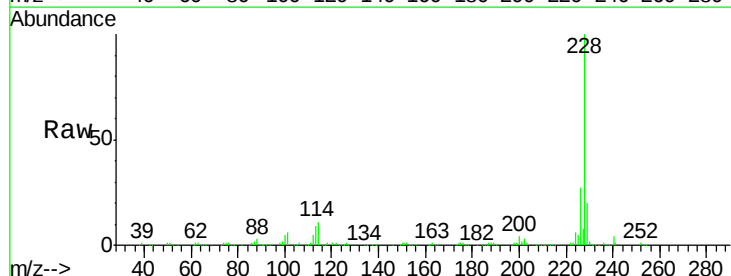


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

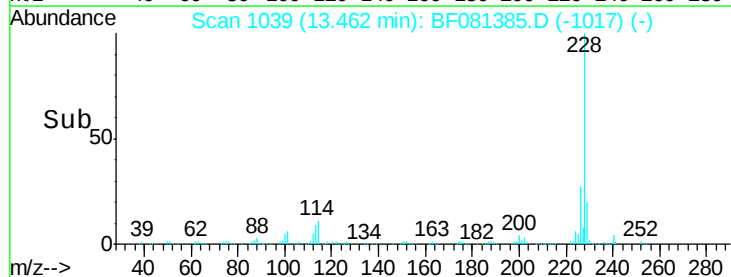
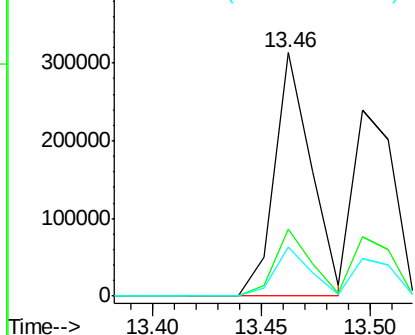


#82
 Chrysene
 Concen: 38.70 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.0	31.4
229	20.1	15.6	23.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.32 ng

RT: 13.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

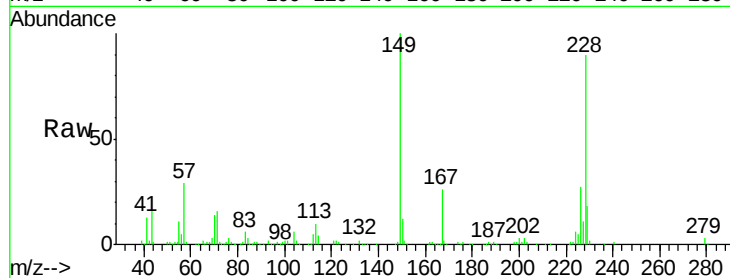
Tot Ion:149 Resp: 257149

Ion Ratio Lower Upper

149 100

167 25.7 24.2 36.2

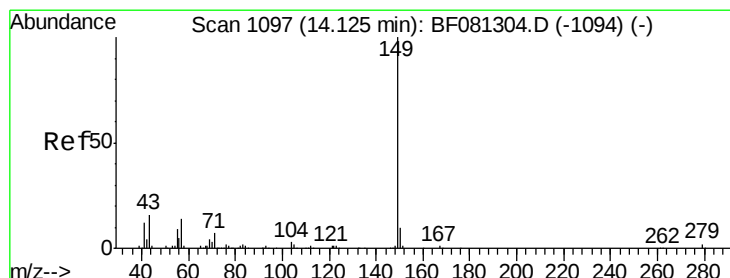
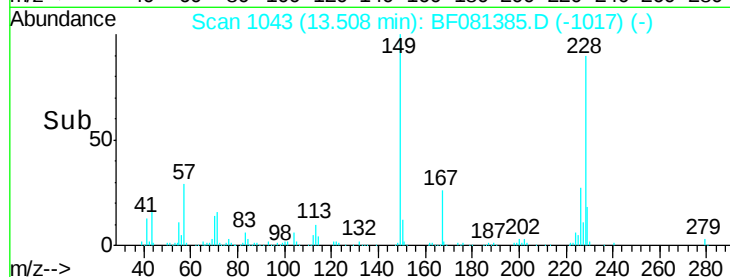
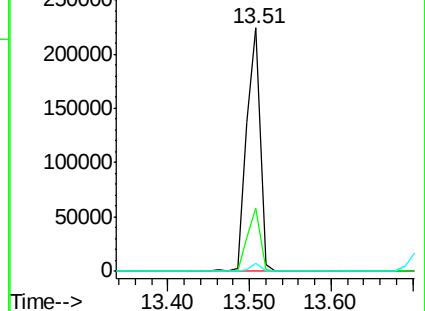
279 3.1 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.25 ng

RT: 14.11 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

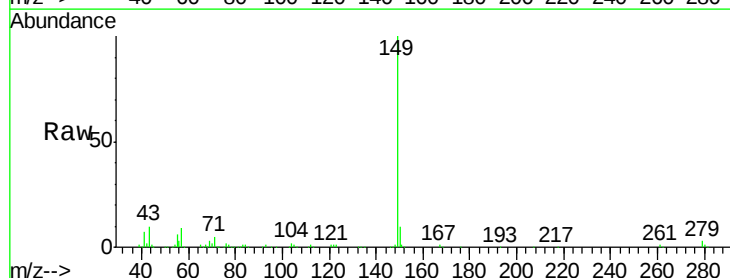
Tgt Ion:149 Resp: 376012

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

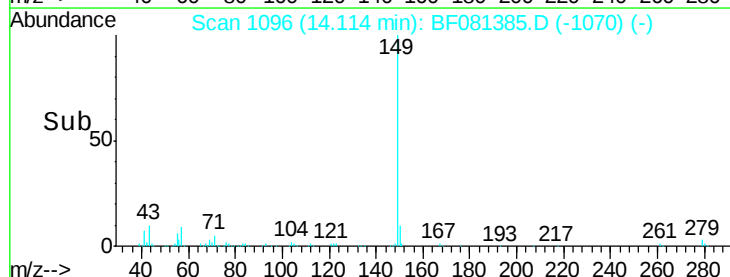
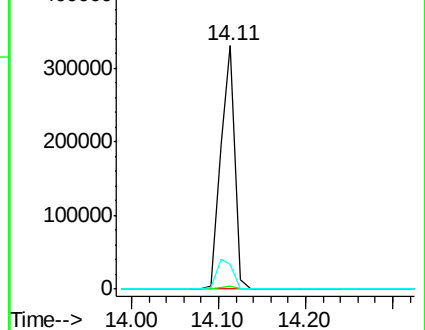
43 14.0 10.2 15.2



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

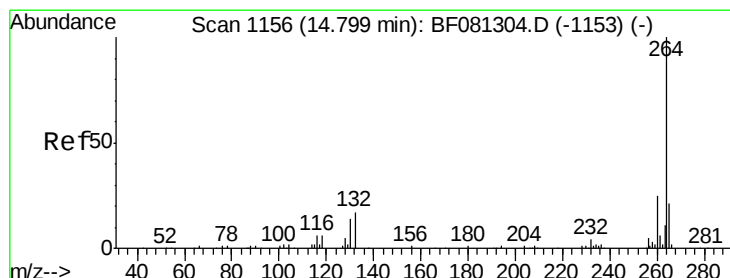
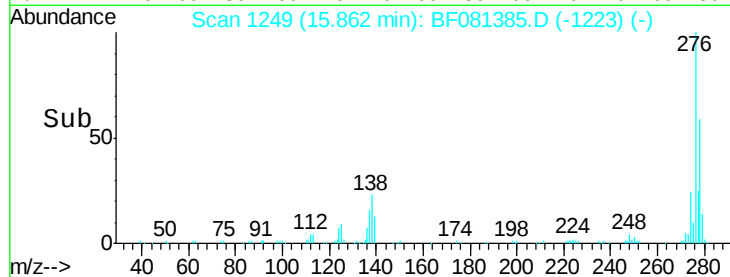
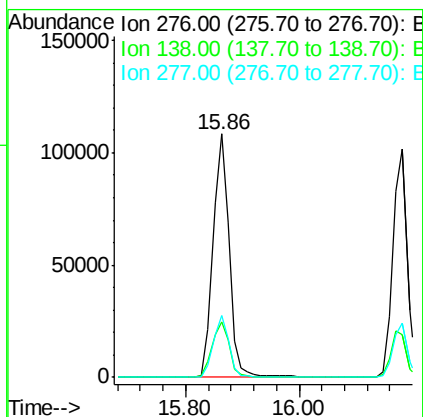
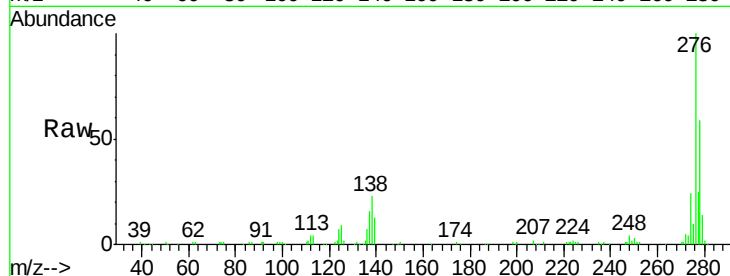




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.27 ng
 RT: 15.86 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

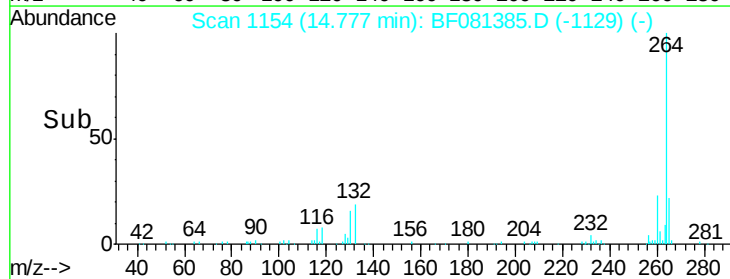
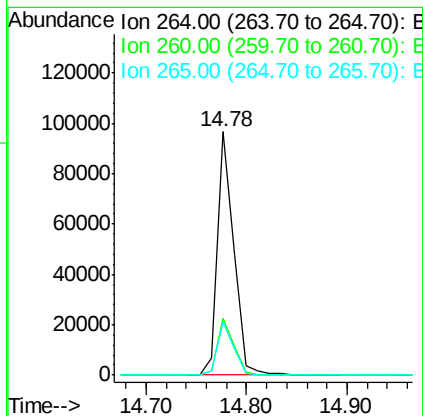
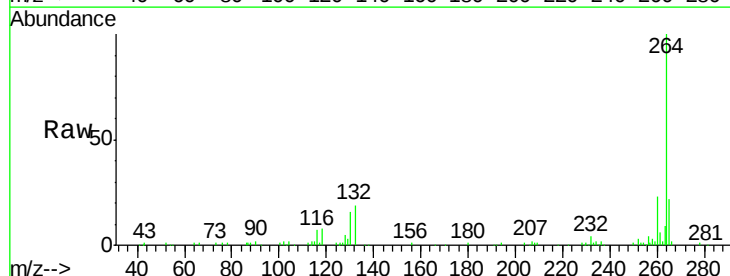
Instrument :
 BNA_F
 ClientSampleId :
 PB85376BS

Tot Ion:276 Resp: 211144
 Ion Ratio Lower Upper
 276 100
 138 24.1 25.7 38.5#
 277 24.4 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF081385.D
 Acq: 3 Sep 2015 19:44

Tgt Ion:264 Resp: 108891
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 69.11 ng

RT: 14.48 min Scan# 1128

Delta R.T. 0.02 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

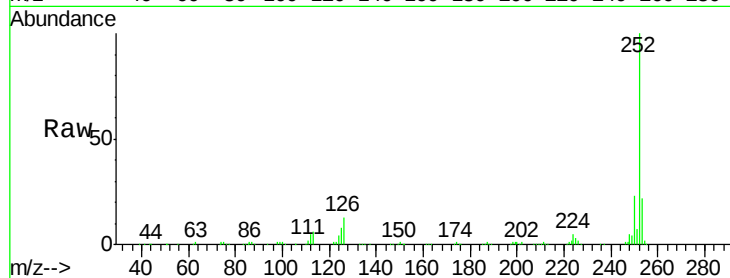
Tot Ion:252 Resp: 537249

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

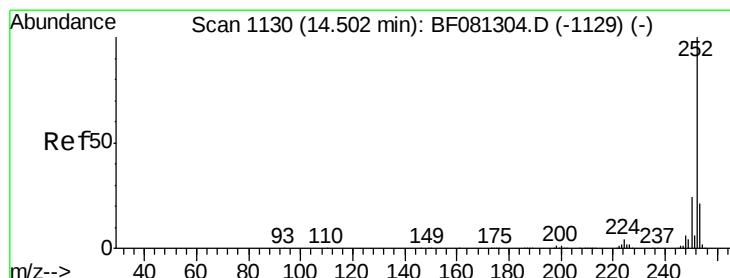
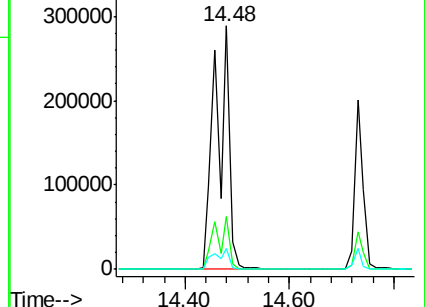
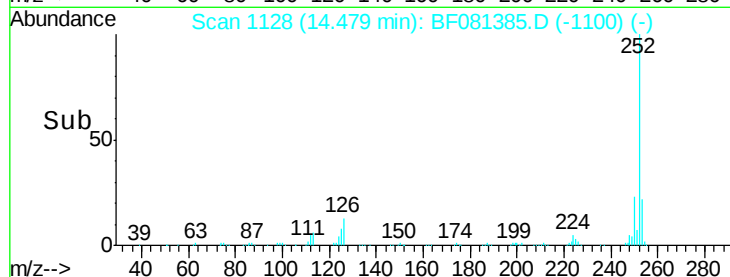
125 8.4 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 83.29 ng

RT: 14.48 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

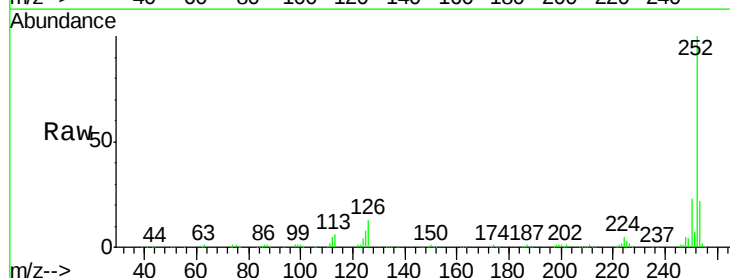
Tgt Ion:252 Resp: 537249

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

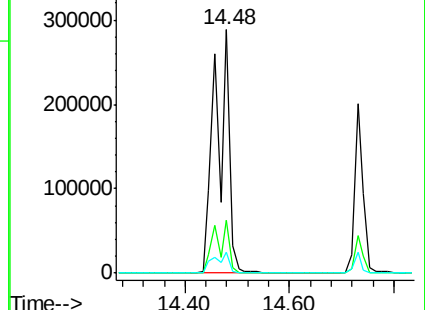
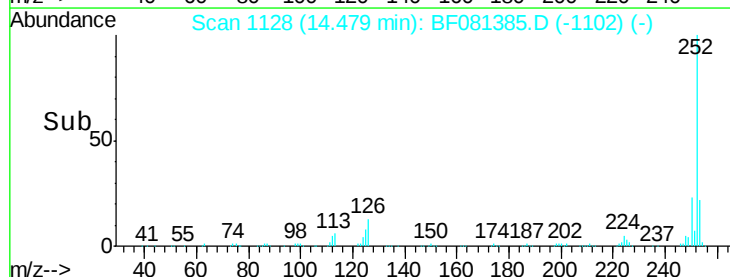
125 8.4 16.0 24.0#

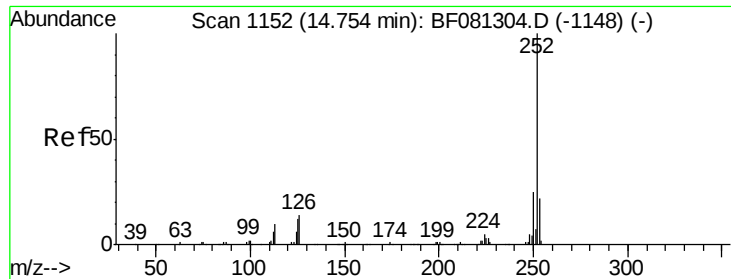


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 35.07 ng

RT: 14.73 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

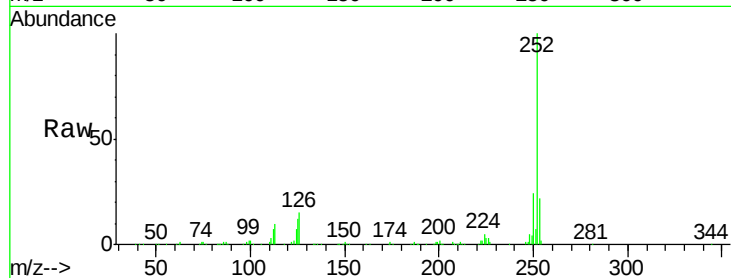
Tot Ion:252 Resp: 230999

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

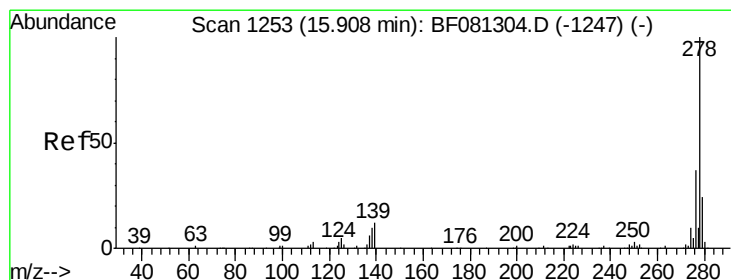
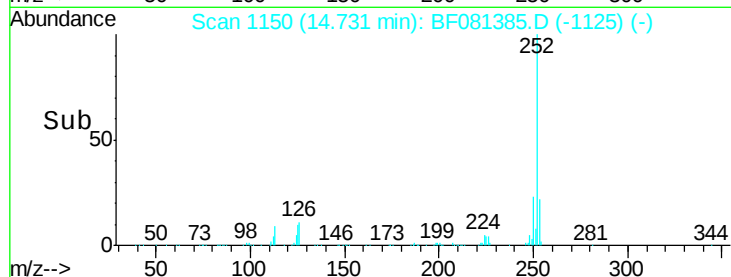
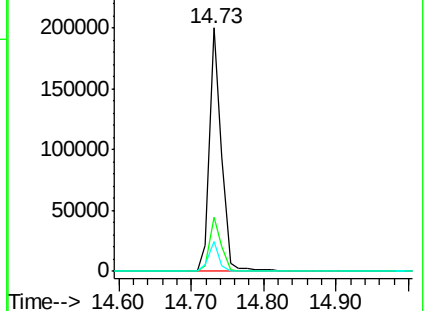
125 12.4 18.0 27.0#



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: 34.91 ng

RT: 15.87 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

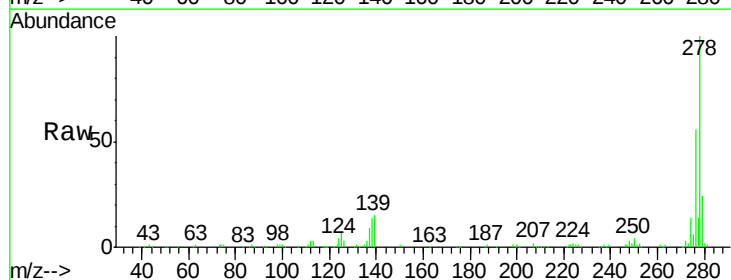
Tgt Ion:278 Resp: 177706

Ion Ratio Lower Upper

278 100

139 15.0 26.3 39.5#

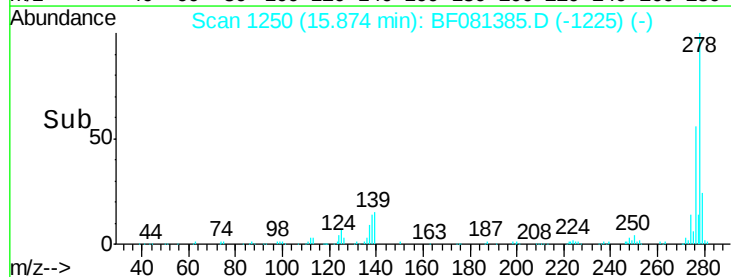
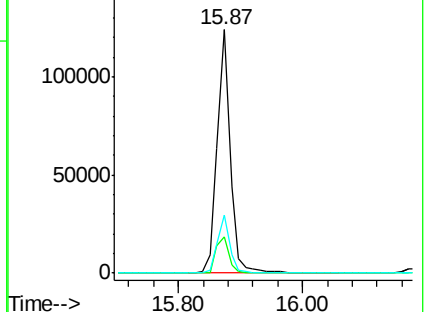
279 24.1 18.2 27.4

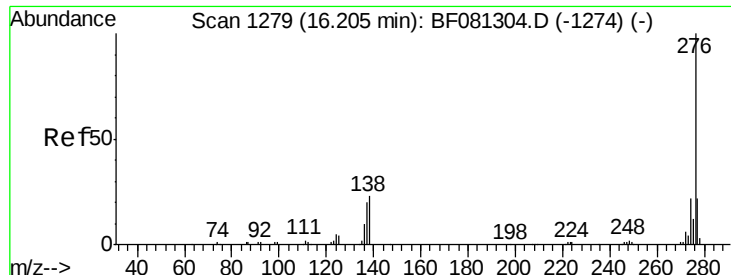


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.90 ng

RT: 16.18 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF081385.D

Acq: 3 Sep 2015 19:44

Instrument :

BNA_F

ClientSampleId :

PB85376BS

Tot Ion:276 Resp: 179261

Ion Ratio Lower Upper

276 100

277 24.0 17.8 26.6

138 18.6 34.6 51.8#

