

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081420.D
 Acq On : 4 Sep 2015 15:41
 Operator : UM/IZ
 Sample : PB85372BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 07 01:03:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	68290	20.00	ng	0.00
21) Naphthalene-d8	7.66	136	261341	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	129331	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	238417	20.00	ng	0.00
75) Chrysene-d12	13.46	240	166702	20.00	ng	0.00
86) Perylene-d12	14.77	264	114283	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	509764	115.82	ng	0.02
7) Phenol-d6	6.03	99	677533	116.29	ng	0.00
23) Nitrobenzene-d5	6.94	82	408937	75.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	130143	113.01	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	642801	63.69	ng	-0.01
78) Terphenyl-d14	12.43	244	546995	76.38	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.78	88	59504	30.10	ng	# 88
3) Pyridine	2.32	79	155527	28.53	ng	93
4) n-Nitrosodimethylamine	2.28	42	115449	38.13	ng	80
6) Aniline	6.02	93	193517	23.52	ng	# 80
8) 2-Chlorophenol	6.15	128	181509	37.42	ng	83
9) Benzaldehyde	5.90	77	22646	6.20	ng	# 78
10) Phenol	6.06	94	210617	31.17	ng	78
11) bis(2-Chloroethyl)ether	6.11	93	178947	36.71	ng	86
12) 1,3-Dichlorobenzene	6.30	146	182635	35.24	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	175699	33.30	ng	# 87
14) 1,2-Dichlorobenzene	6.54	146	159879	33.65	ng	96
15) Benzyl Alcohol	6.52	79	171532	35.89	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	367820	39.37	ng	81
17) 2-Methylphenol	6.66	107	141910	36.67	ng	# 73
18) Hexachloroethane	6.87	117	71805	34.98	ng	93
19) n-Nitroso-di-n-propylamine	6.81	70	149254	37.64	ng	# 83
20) 3+4-Methylphenols	6.82	107	189899	36.39	ng	87
22) Acetophenone	6.79	105	259531	36.36	ng	# 75
24) Nitrobenzene	6.96	77	224015	39.82	ng	# 64
25) Isophorone	7.21	82	370693	36.79	ng	# 86
26) 2-Nitrophenol	7.28	139	96525	39.37	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	161566	38.15	ng	# 80
28) bis(2-Chloroethoxy)methane	7.43	93	208219	35.78	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	146665	39.94	ng	94
30) 1,2,4-Trichlorobenzene	7.60	180	147217	36.90	ng	97
31) Naphthalene	7.67	128	478694	34.35	ng	98
32) Benzoic acid	7.48	122	75735	26.27	ng	# 61
33) 4-Chloroaniline	7.74	127	110472	19.43	ng	# 82
34) Hexachlorobutadiene	7.80	225	88149	36.31	ng	98
35) Caprolactam	8.11	113	27628	24.53	ng	# 24
36) 4-Chloro-3-methylphenol	8.25	107	173165	42.13	ng	# 78
37) 2-Methylnaphthalene	8.36	142	342074	37.71	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	135549	33.14	ng	98
40) Hexachlorocyclopentadiene	8.52	237	129748	64.64	ng	96

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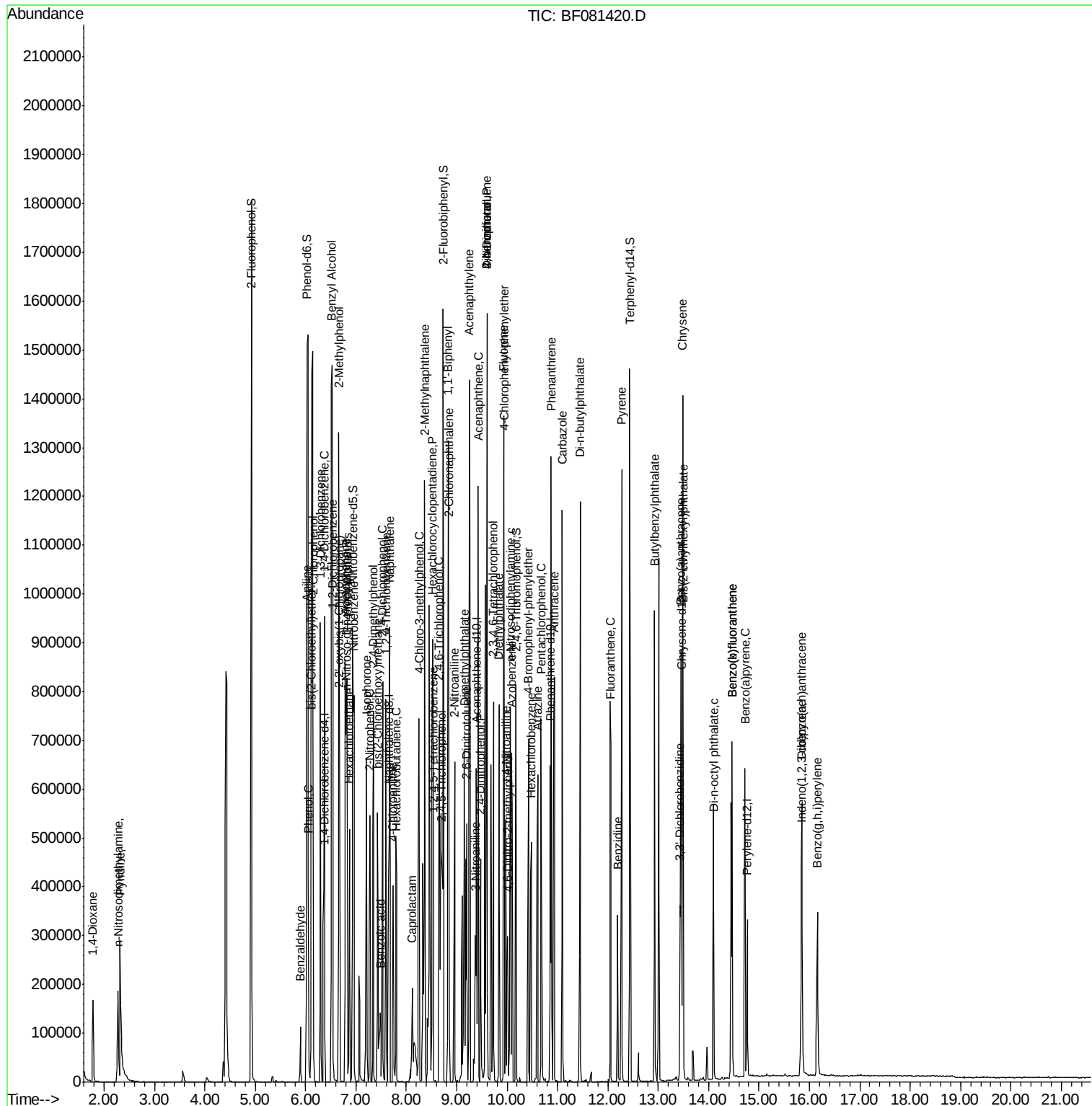
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	88041	31.19	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	95984	33.33	nq #	94
45) 1,1'-Biphenyl	8.83	154	409098	34.38	nq	95
46) 2-Chloronaphthalene	8.84	162	280636	32.66	nq #	88
47) 2-Nitroaniline	8.96	65	132871	37.94	nq #	71
48) Acenaphthylene	9.26	152	509562	33.43	nq	97
49) Dimethylphthalate	9.15	163	363203	36.15	nq #	97
50) 2,6-Dinitrotoluene	9.20	165	68148	29.88	nq #	1
51) Acenaphthene	9.43	154	306327	35.32	nq	90
52) 3-Nitroaniline	9.37	138	61864	23.83	nq #	82
53) 2,4-Dinitrophenol	9.47	184	56504	58.82	nq #	1
54) Dibenzofuran	9.60	168	448332	35.41	nq #	89
55) 4-Nitrophenol	9.60	139	291846	178.92	nq #	31
56) 2,4-Dinitrotoluene	9.60	165	88192	30.37	nq #	1
57) Fluorene	9.93	166	309540	32.21	nq	94
58) 2,3,4,6-Tetrachlorophenol	9.72	232	79335	36.08	nq #	89
59) Diethylphthalate	9.84	149	340489	32.21	nq	94
60) 4-Chlorophenyl-phenylether	9.94	204	163667	36.54	nq	95
61) 4-Nitroaniline	9.98	138	75891	28.93	nq #	29
62) Azobenzene	10.09	77	405427	34.50	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	45898	34.42	nq	82
65) n-Nitrosodiphenylamine	10.07	169	288941	33.31	nq	92
66) 4-Bromophenyl-phenylether	10.42	248	90972	37.74	nq	98
67) Hexachlorobenzene	10.48	284	90881	36.06	nq #	80
68) Atrazine	10.60	200	95597	38.08	nq	83
69) Pentachlorophenol	10.67	266	83904	69.65	nq	100
70) Phenanthrene	10.88	178	434595	32.79	nq	96
71) Anthracene	10.94	178	482416	35.43	nq	99
72) Carbazole	11.10	167	441639	34.56	nq	95
73) Di-n-butylphthalate	11.45	149	557319	36.93	nq #	98
74) Fluoranthene	12.06	202	474290	33.05	nq	85
76) Benzidine	12.19	184	150825	21.08	nq	98
77) Pyrene	12.27	202	510032	41.30	nq	98
79) Butylbenzylphthalate	12.93	149	214201	39.89	nq #	84
80) Benzo(a)anthracene	13.45	228	352638	33.22	nq	95
81) 3,3'-Dichlorobenzidine	13.43	252	74715	20.86	nq	97
82) Chrysene	13.49	228	296148	31.12	nq	95
83) Bis(2-ethylhexyl)phthalate	13.50	149	246232	34.74	nq #	93
84) Di-n-octyl phthalate	14.10	149	349847	29.98	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	262137	37.54	nq #	89
87) Benzo(b)fluoranthene	14.47	252	534556	65.52	nq #	86
88) Benzo(k)fluoranthene	14.47	252	534556	78.96	nq #	87
89) Benzo(a)pyrene	14.72	252	245165	35.46	nq #	88
90) Dibenzo(a,h)anthracene	15.85	278	219386	41.06	nq #	85
91) Benzo(g,h,i)perylene	16.16	276	226285	44.38	nq #	77

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

```
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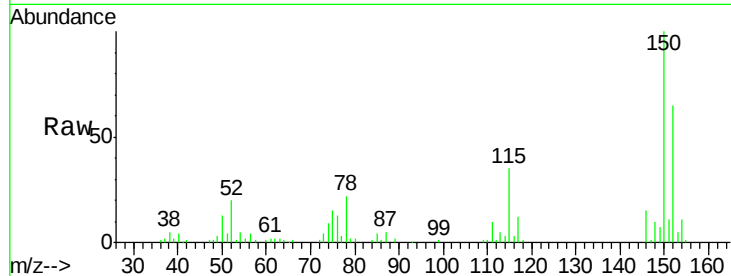


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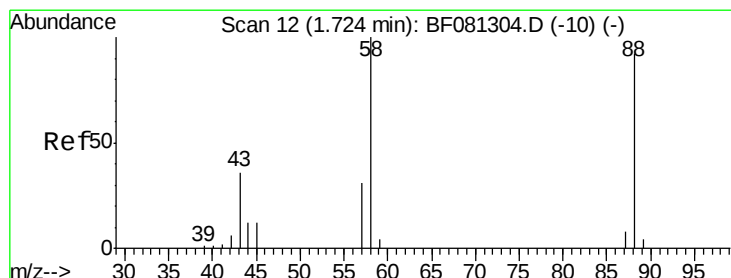
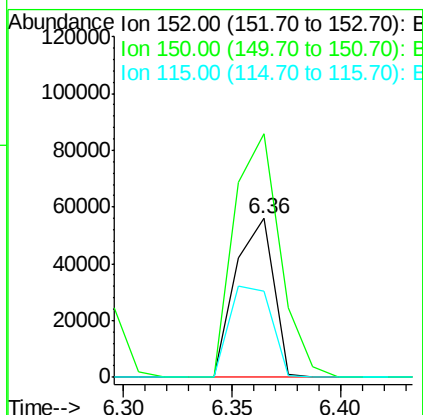
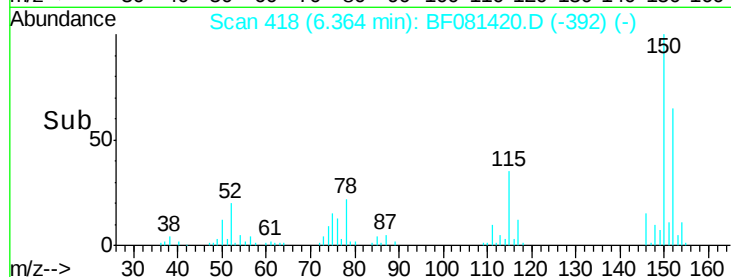
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 68290
Ion Ratio Lower Upper
152 100
150 153.1 124.7 187.1
115 53.8 39.0 58.4



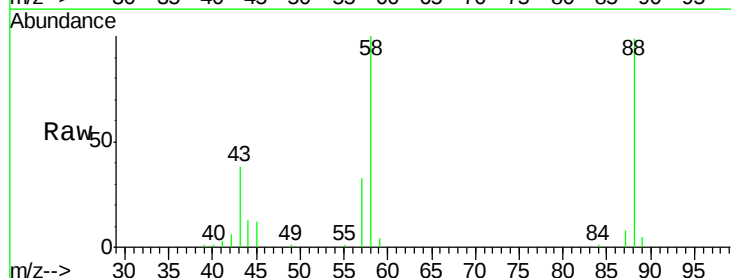
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



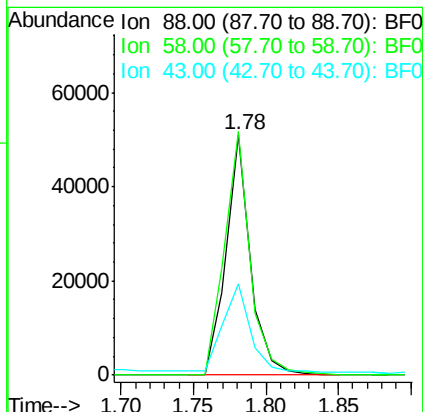
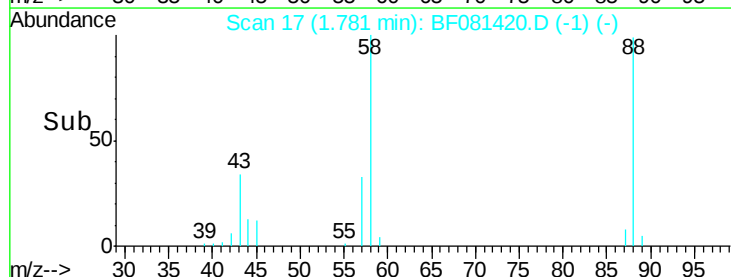
#2

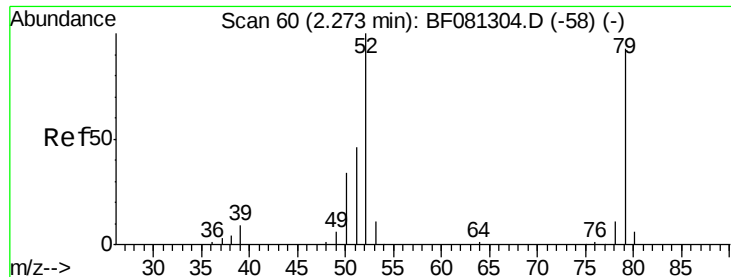
1,4-Dioxane
Concen: 30.10 ng
RT: 1.78 min Scan# 17
Delta R.T. 0.10 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion: 88 Resp: 59504
Ion Ratio Lower Upper
88 100
58 107.0 77.7 116.5
43 43.0 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

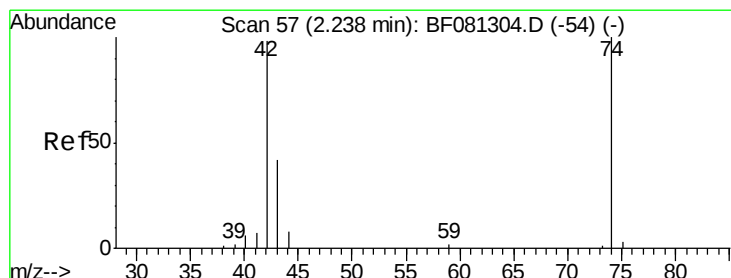
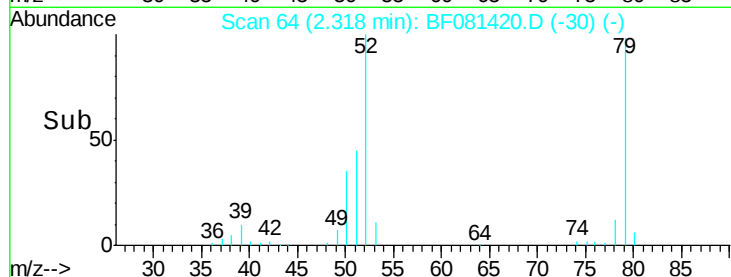
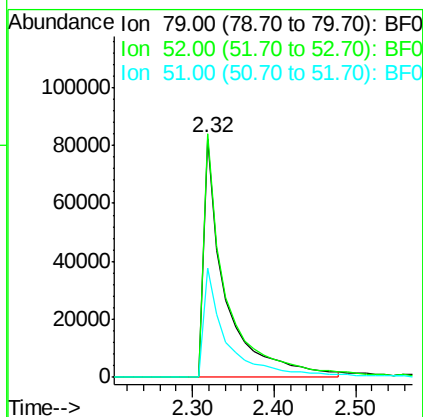
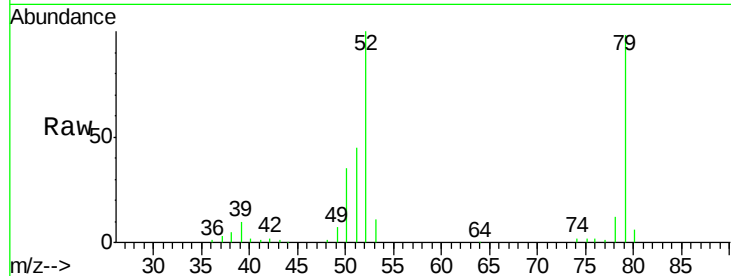




#3
 Pvridine
 Concen: 28.53 ng
 RT: 2.32 min Scan# 64
 Delta R.T. 0.09 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

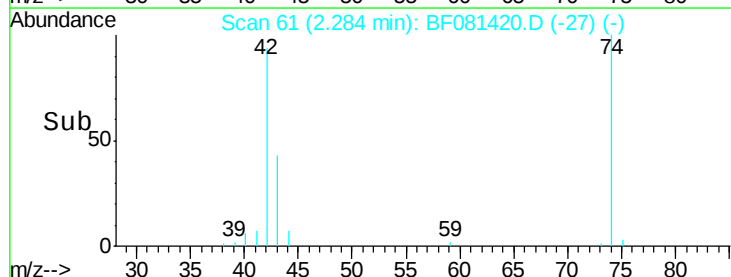
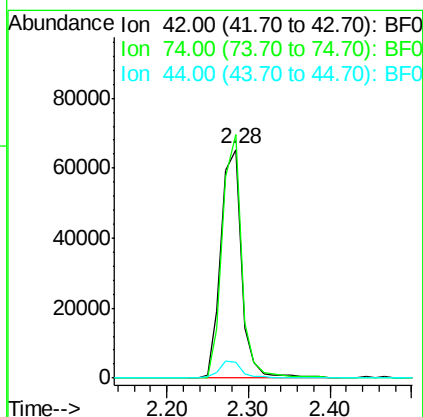
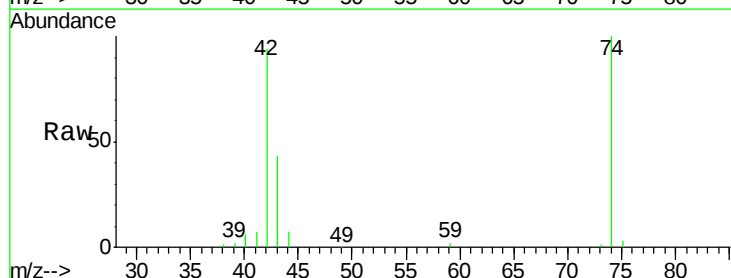
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 79 Resp: 155527
 Ion Ratio Lower Upper
 79 100
 52 101.9 76.8 115.2
 51 45.9 32.2 48.4



#4
 n-Nitrosodimethylamine
 Concen: 38.13 ng
 RT: 2.28 min Scan# 61
 Delta R.T. 0.09 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion: 42 Resp: 115449
 Ion Ratio Lower Upper
 42 100
 74 106.5 105.0 157.6
 44 7.1 6.6 10.0





#5

2-Fluorophenol

Concen: 115.82 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

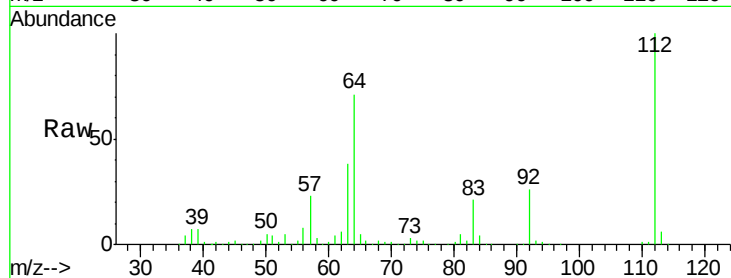
Tot Ion:112 Resp: 509764

Ion Ratio Lower Upper

112 100

64 71.5 39.7 59.5#

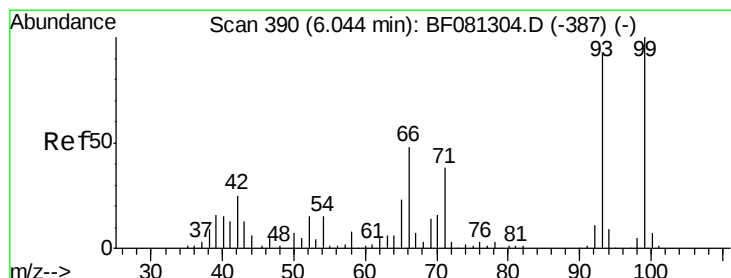
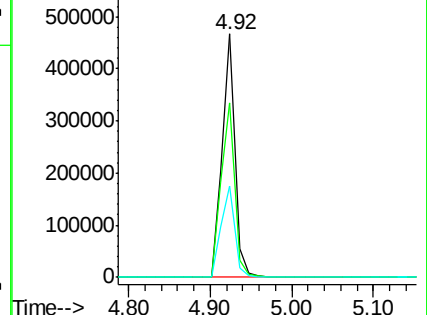
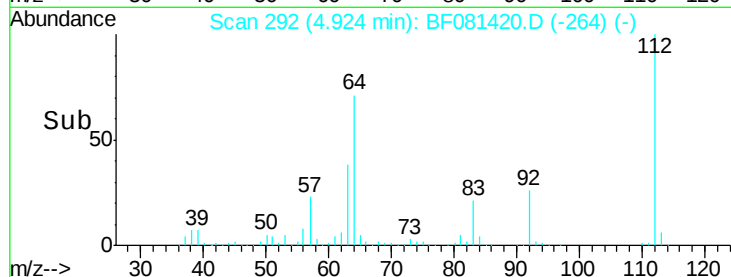
63 37.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.52 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

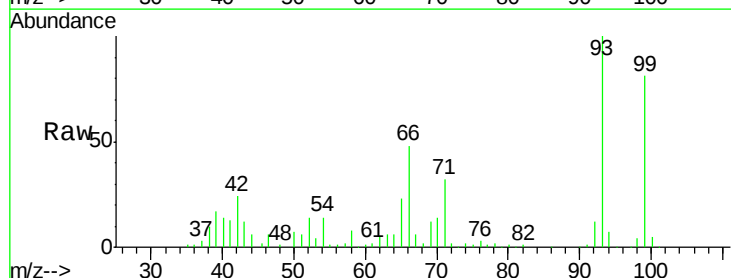
Tgt Ion: 93 Resp: 193517

Ion Ratio Lower Upper

93 100

66 48.2 27.2 40.8#

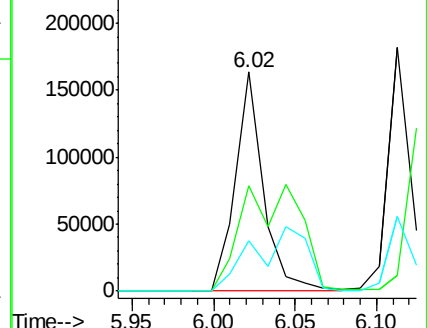
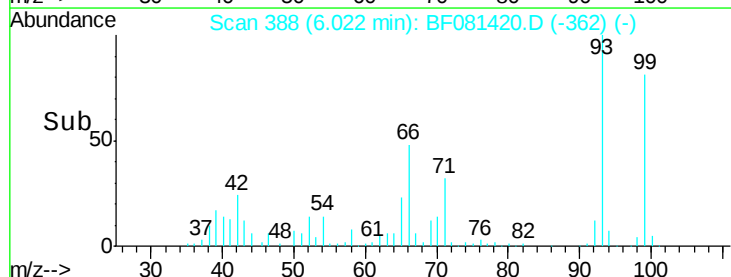
65 23.1 14.7 22.1#

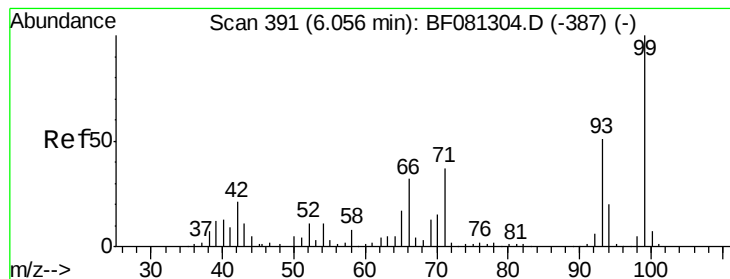


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.29 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampled :

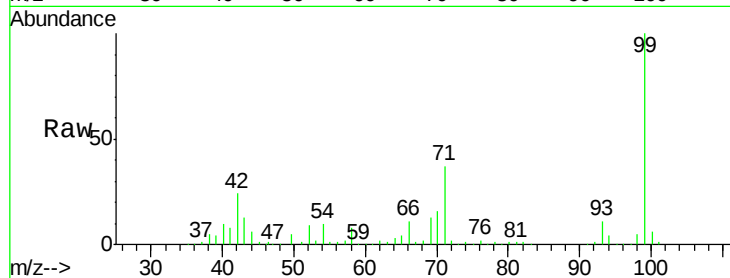
Tot Ion: 99 Resp: 677533

Ion Ratio Lower Upper

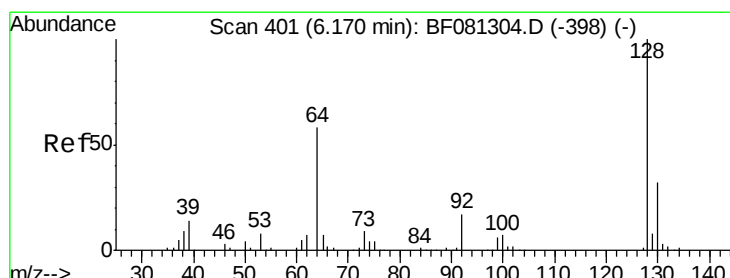
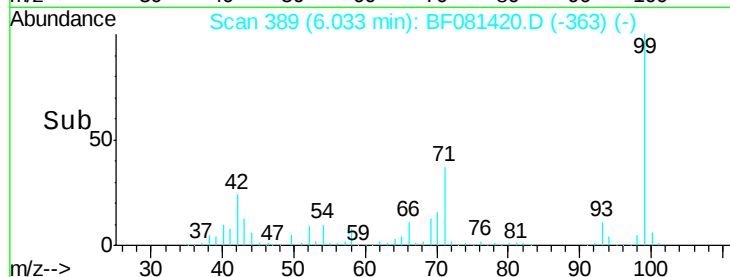
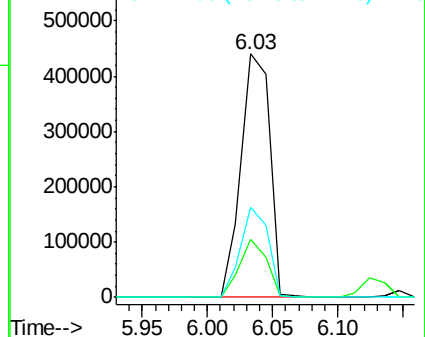
99 100

42 23.9 13.7 20.5#

71 36.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.42 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

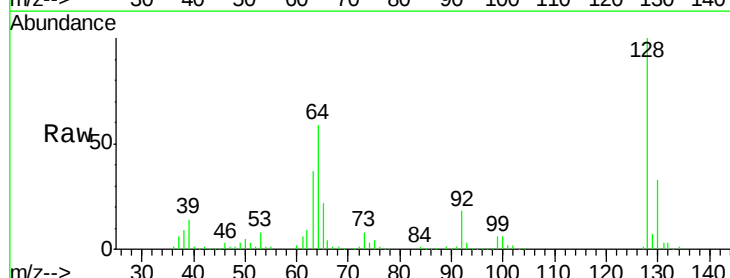
Tgt Ion: 128 Resp: 181509

Ion Ratio Lower Upper

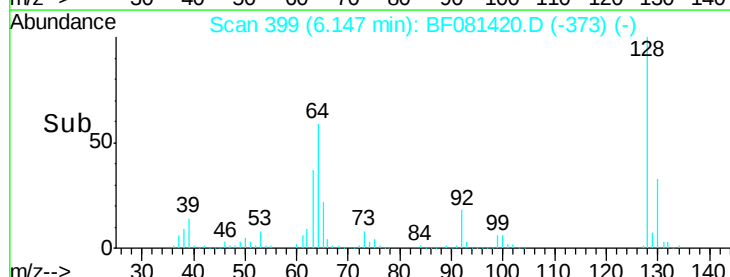
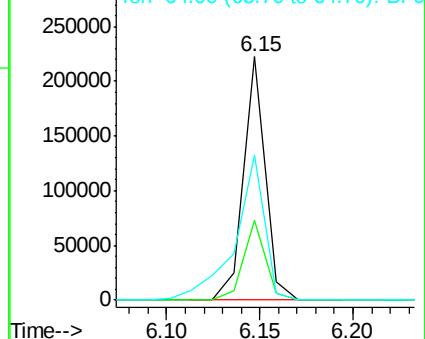
128 100

130 32.6 12.2 52.2

64 59.5 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: 6.20 ng

RT: 5.90 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampled :

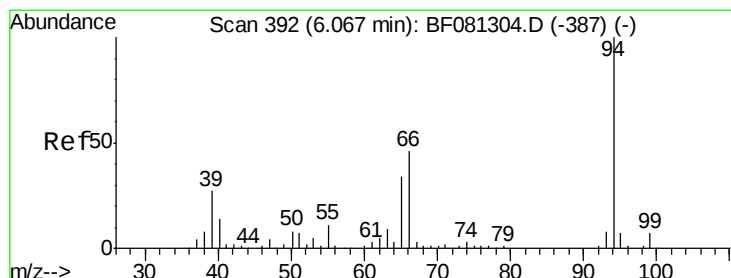
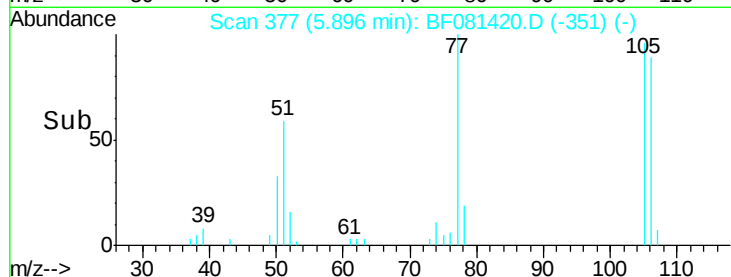
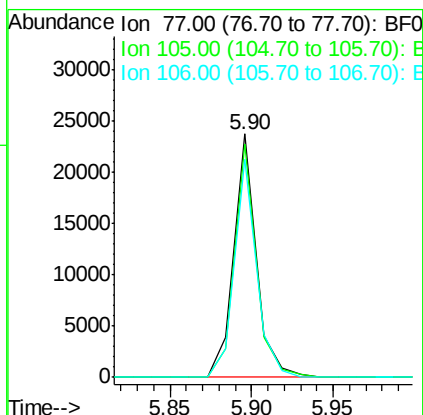
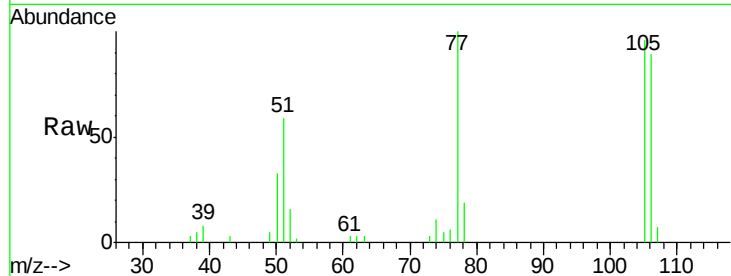
Tot Ion: 77 Resp: 22646

Ion Ratio Lower Upper

77 100

105 95.8 91.6 131.6

106 89.4 102.6 142.6#



#10

Phenol

Concen: 31.17 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

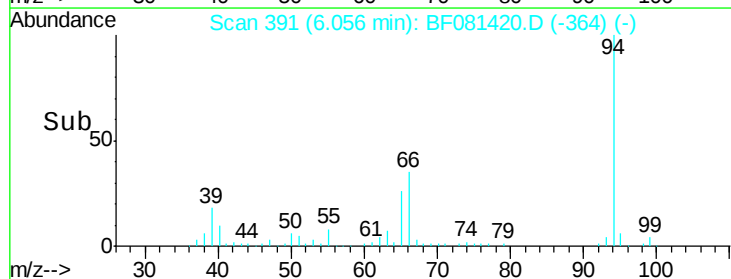
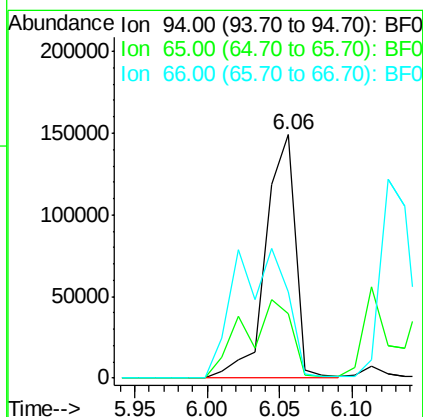
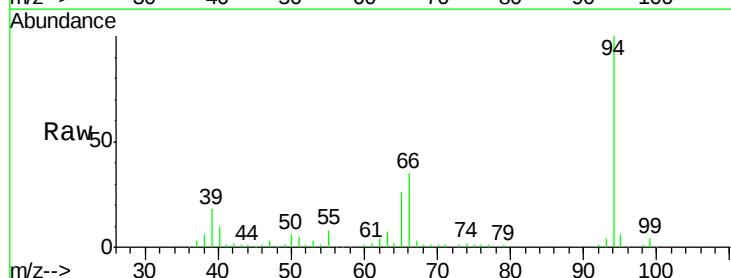
Tgt Ion: 94 Resp: 210617

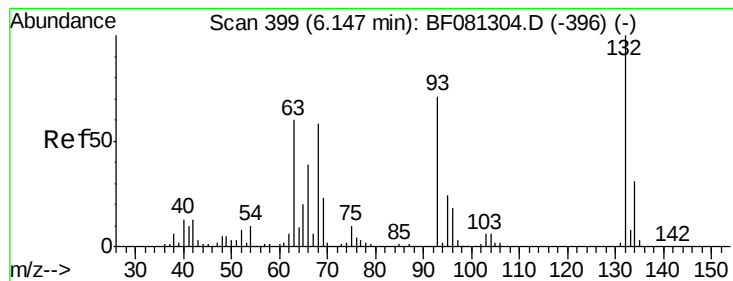
Ion Ratio Lower Upper

94 100

65 26.4 0.7 40.7

66 35.4 0.8 40.8

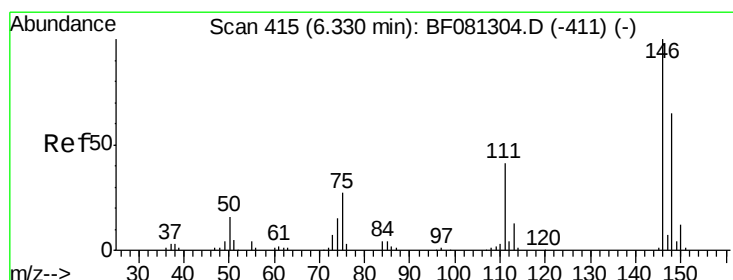
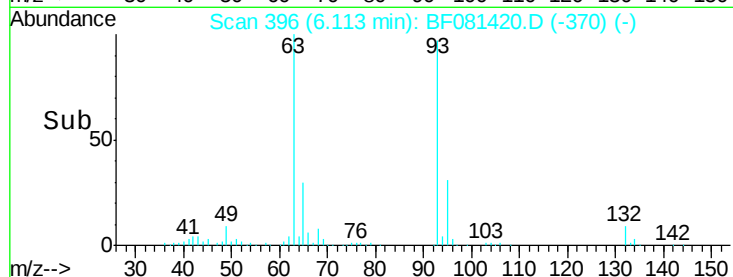
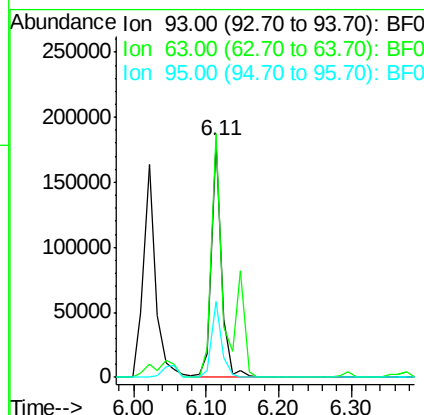
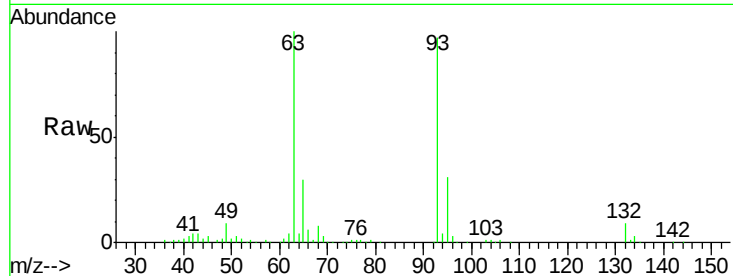




#11
 bis(2-Chloroethyl)ether
 Concen: 36.71 ng
 RT: 6.11 min Scan# 396
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

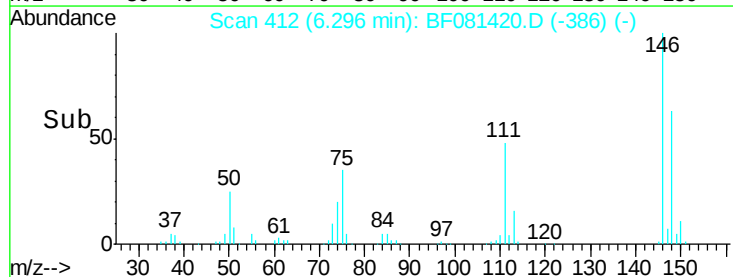
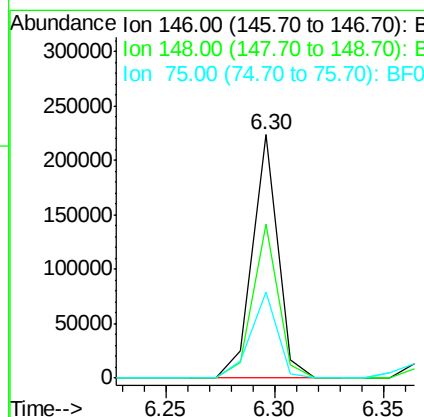
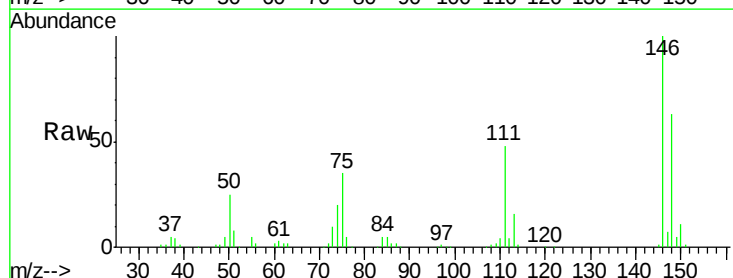
Instrument :
 BNA_F
 ClientSampled :

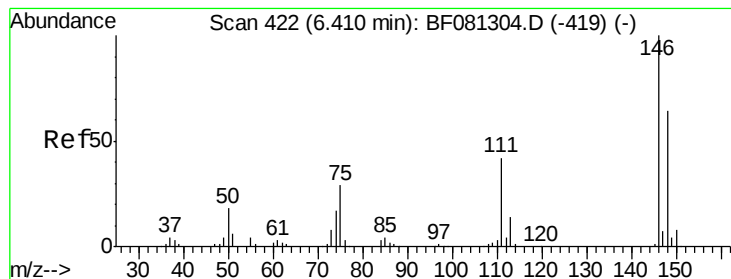
Tot Ion: 93 Resp: 178947
 Ion Ratio Lower Upper
 93 100
 63 103.0 65.6 105.6
 95 32.3 13.6 53.6



#12
 1,3-Dichlorobenzene
 Concen: 35.24 ng
 RT: 6.30 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion: 146 Resp: 182635
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.4
 75 35.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 33.30 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

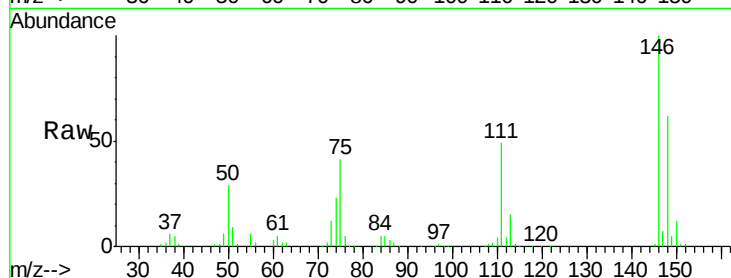
Tot Ion:146 Resp: 175699

Ion Ratio Lower Upper

146 100

148 62.3 51.8 77.6

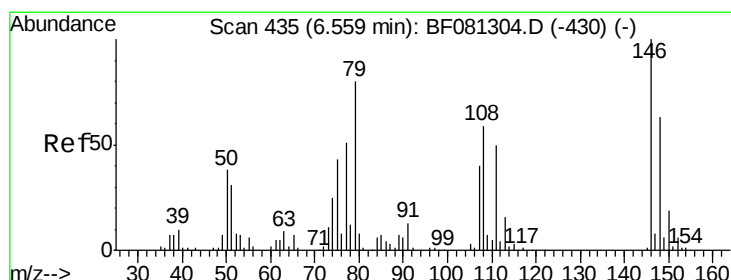
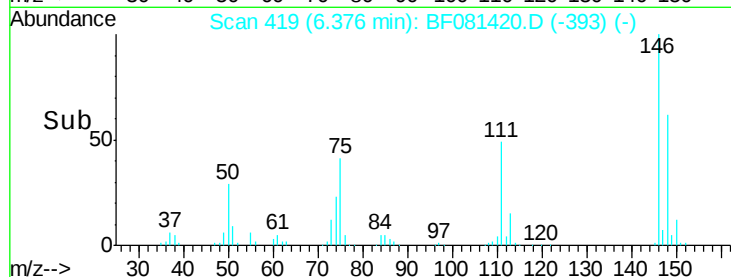
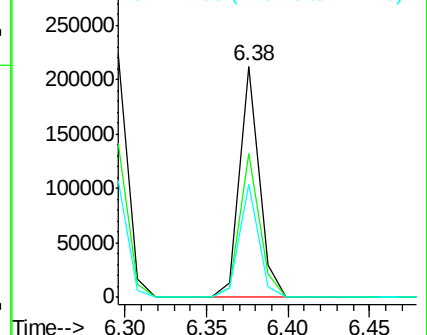
111 49.2 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.65 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

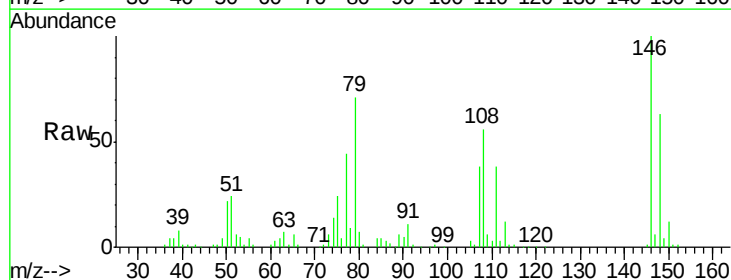
Tgt Ion:146 Resp: 159879

Ion Ratio Lower Upper

146 100

148 62.7 52.7 79.1

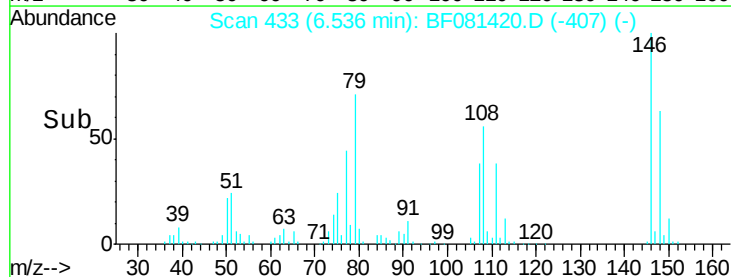
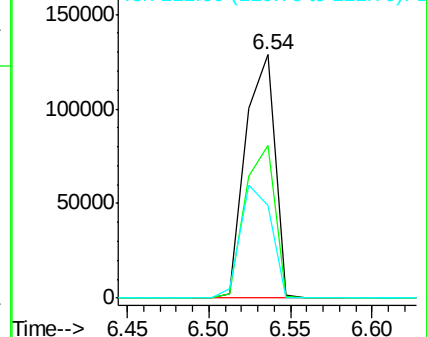
111 37.8 28.8 43.2

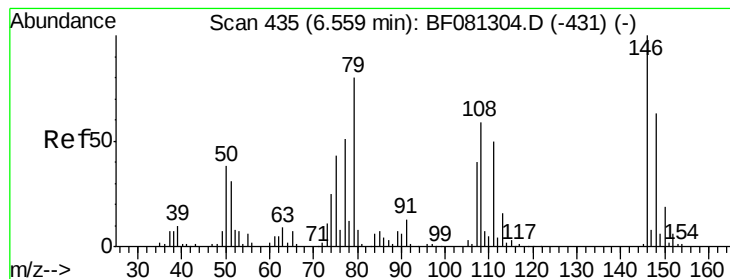


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.89 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

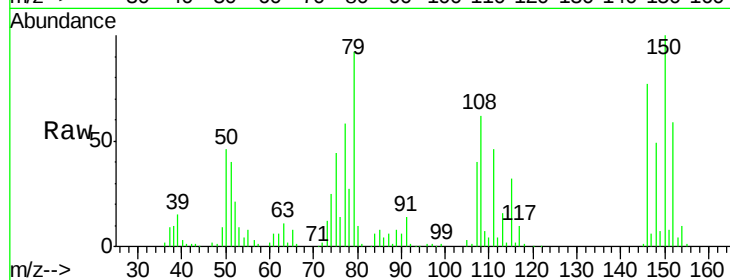
Tot Ion: 79 Resp: 171532

Ion Ratio Lower Upper

79 100

108 67.7 88.6 132.8#

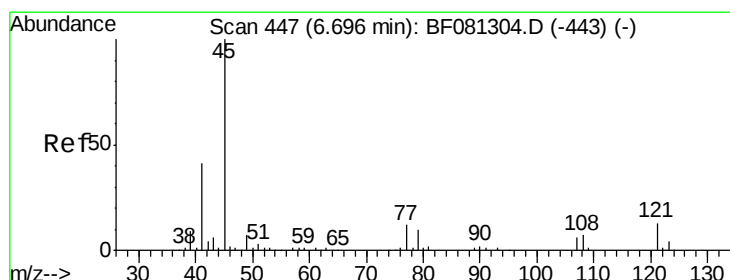
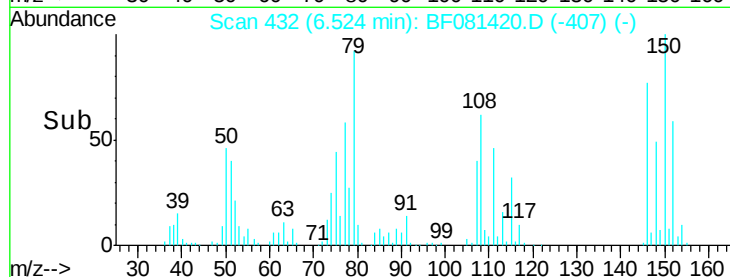
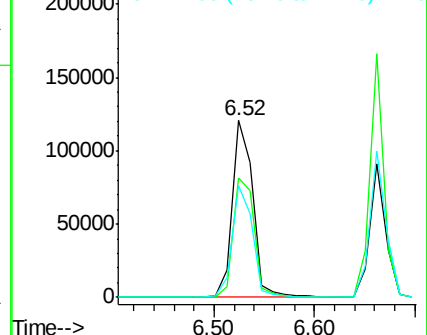
77 63.3 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.37 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

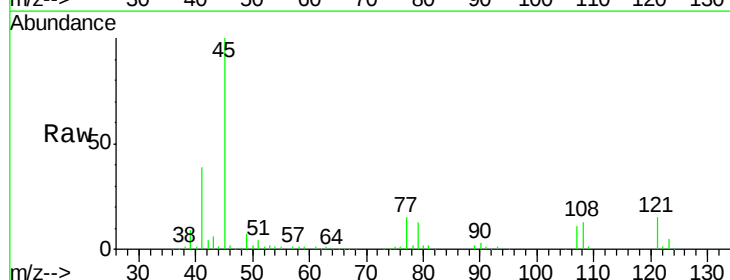
Tgt Ion: 45 Resp: 367820

Ion Ratio Lower Upper

45 100

77 14.8 0.0 28.1

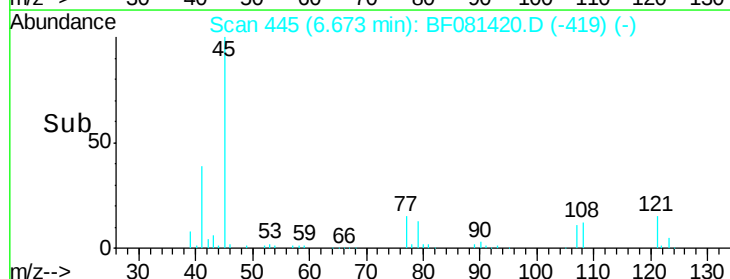
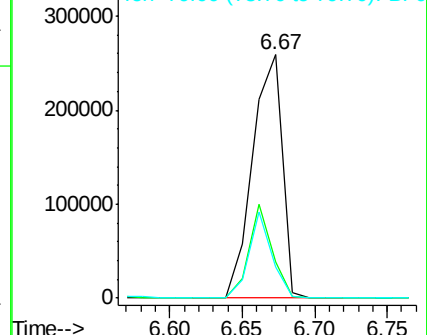
79 12.6 0.0 26.0

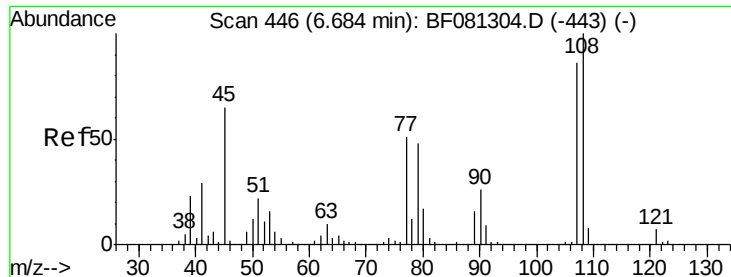


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

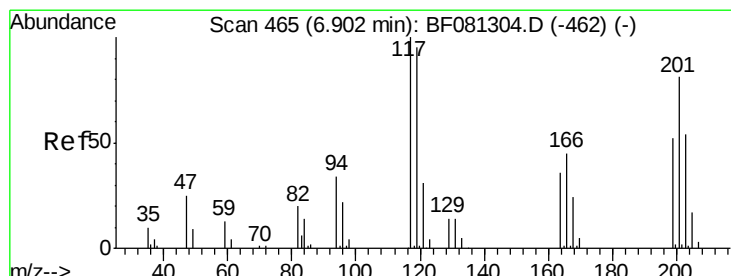
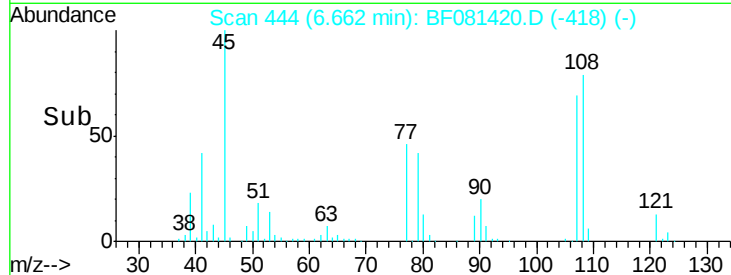
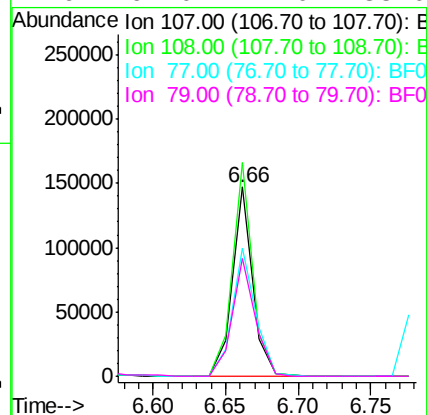
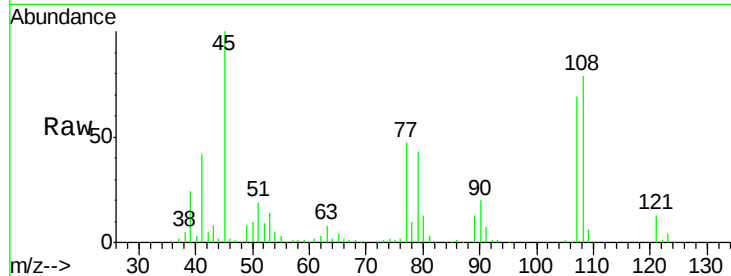




#17
 2-Methylphenol
 Concen: 36.67 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

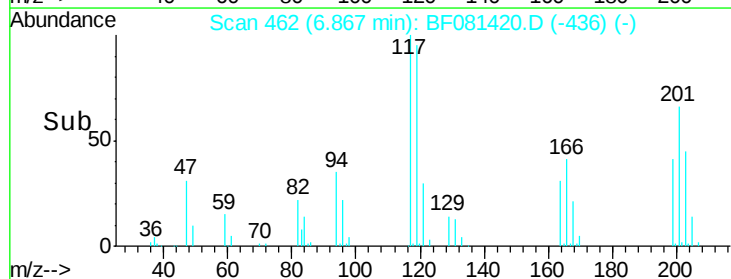
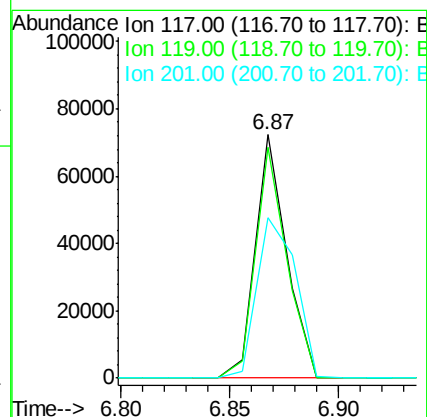
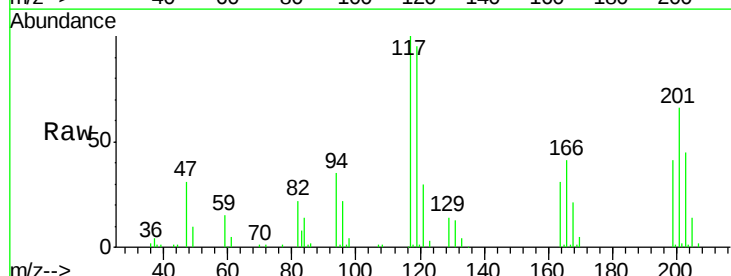
Instrument :
 BNA_F
 ClientSampleId :

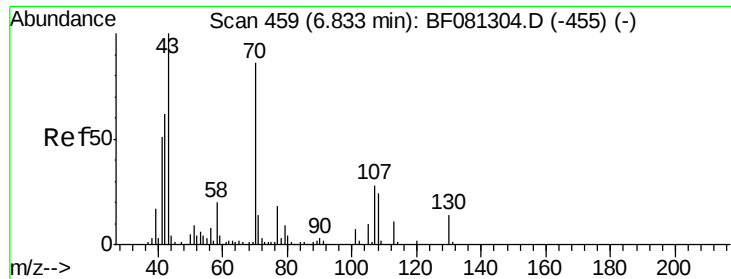
Tot Ion:	107	Resp:	141910
Ion	Ratio	Lower	Upper
107	100		
108	113.0	96.6	145.0
77	68.0	23.3	34.9#
79	62.0	22.0	33.0#



#18
 Hexachloroethane
 Concen: 34.98 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:	117	Resp:	71805
Ion	Ratio	Lower	Upper
117	100		
119	95.0	83.8	125.6
201	65.8	55.1	82.7

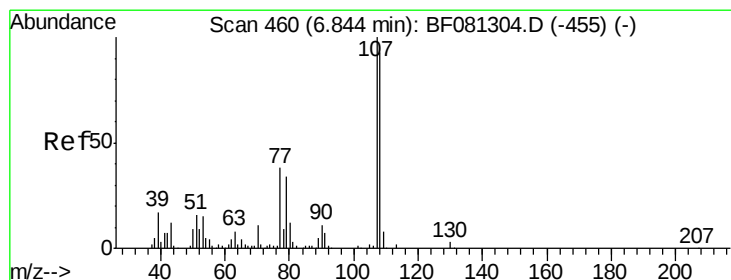
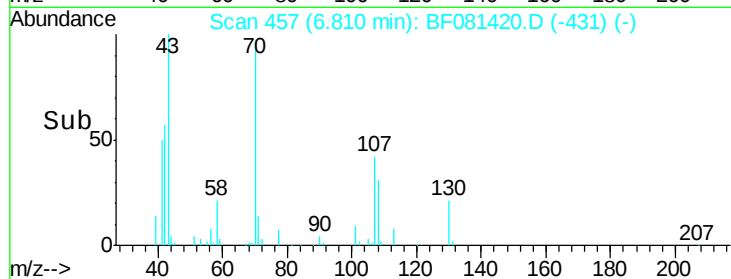
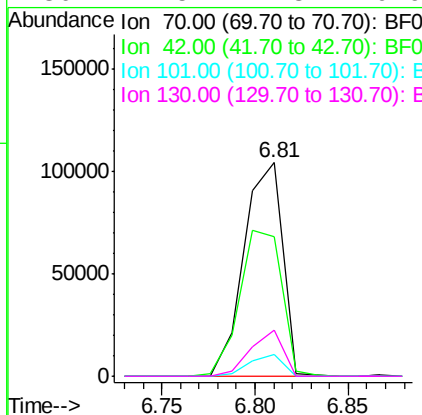
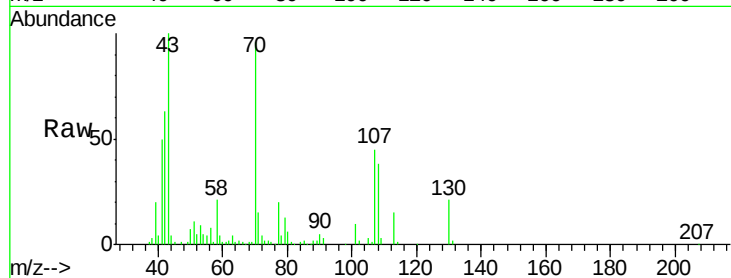




#19
n-Nitroso-di-n-propylamine
Concen: 37.64 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

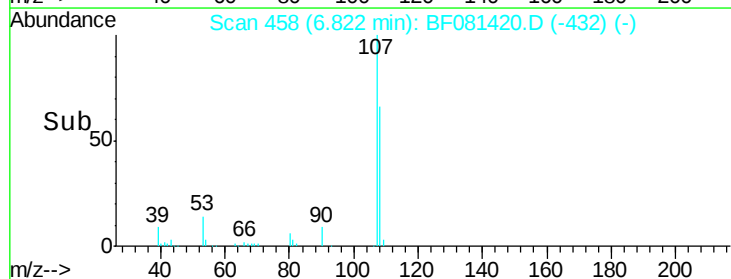
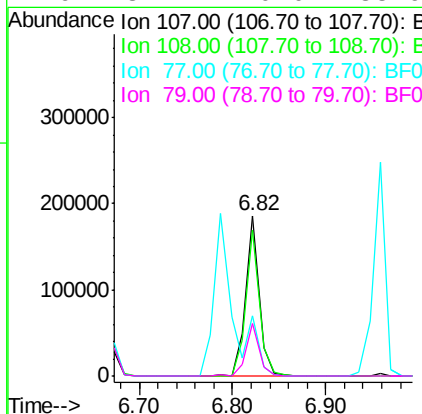
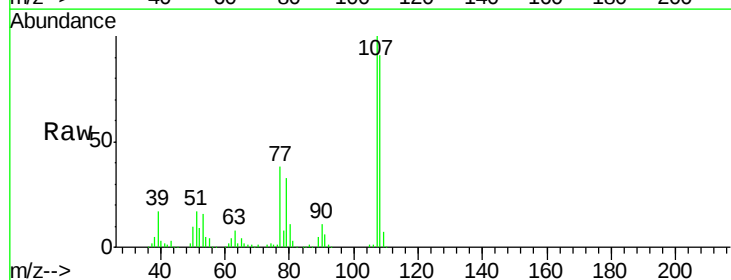
Instrument :
BNA_F
ClientSampleId :

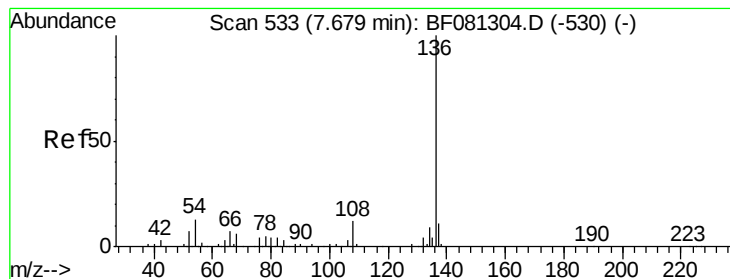
Tot Ion: 70 Resp: 149254
Ion Ratio Lower Upper
70 100
42 65.0 63.8 95.6
101 10.0 9.2 13.8
130 21.5 27.3 40.9#



#20
3+4-Methylphenols
Concen: 36.39 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion: 107 Resp: 189899
Ion Ratio Lower Upper
107 100
108 90.8 74.6 114.6
77 37.7 0.7 40.7
79 32.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 261341

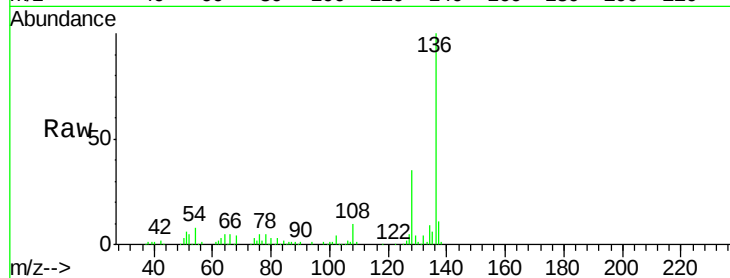
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 8.5 8.2 12.2

68 4.2 5.8 8.6#

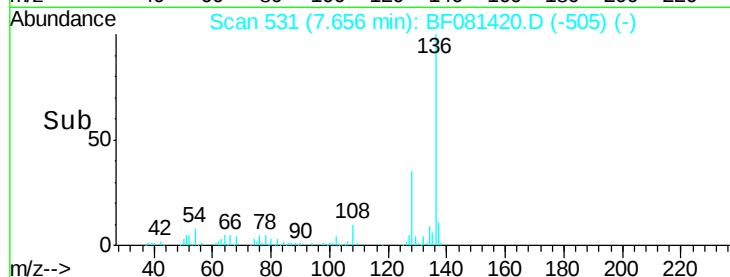


Abundance Ion 136.00 (135.70 to 136.70): E

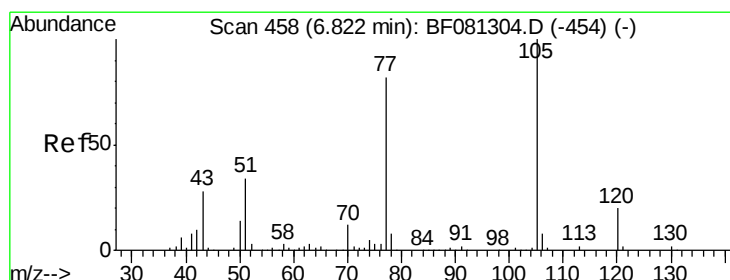
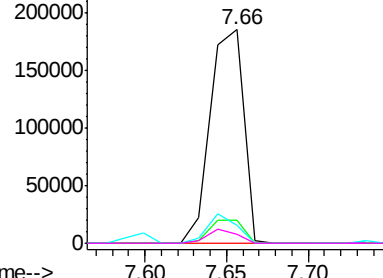
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.36 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion:105 Resp: 259531

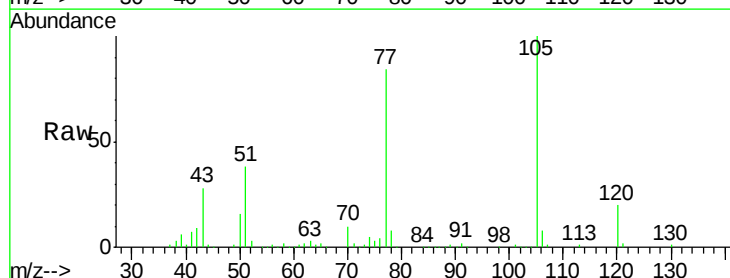
Ion Ratio Lower Upper

105 100

71 1.6 4.7 7.1#

51 37.8 22.0 33.0#

120 19.7 30.1 45.1#

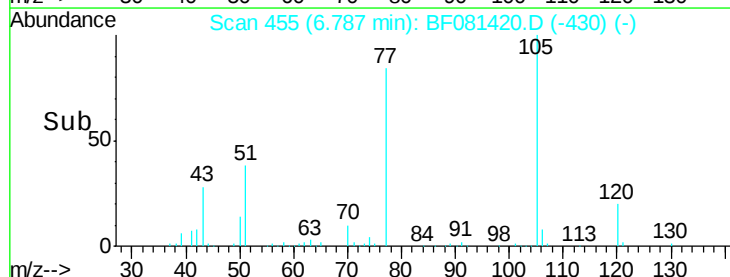


Abundance Ion 105.00 (104.70 to 105.70): E

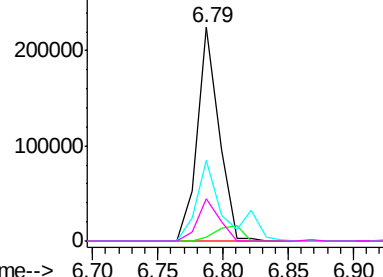
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

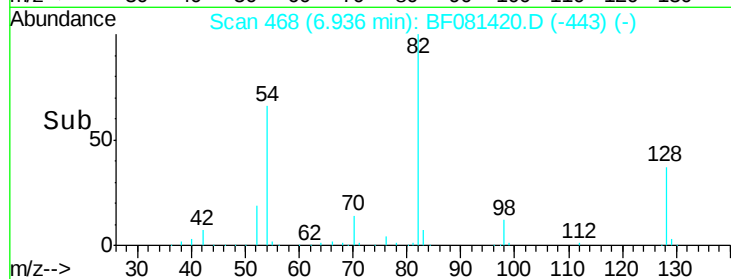
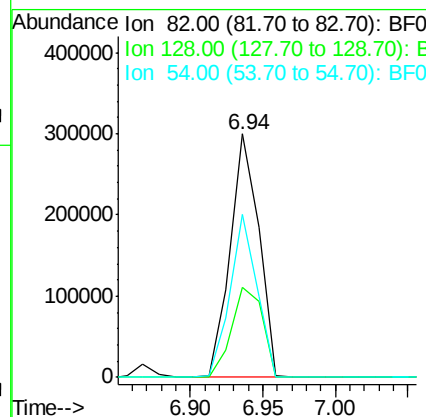
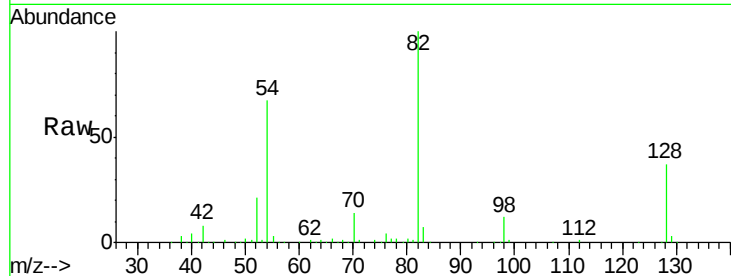




#23
 Nitrobenzene-d5
 Concen: 75.49 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

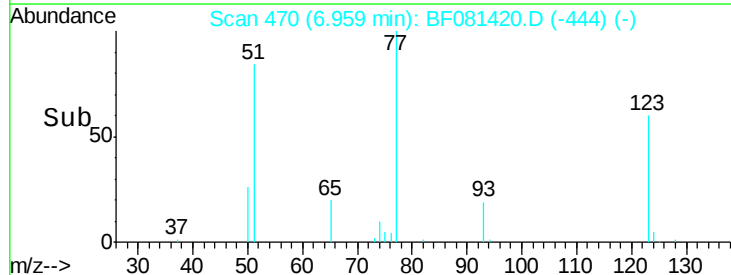
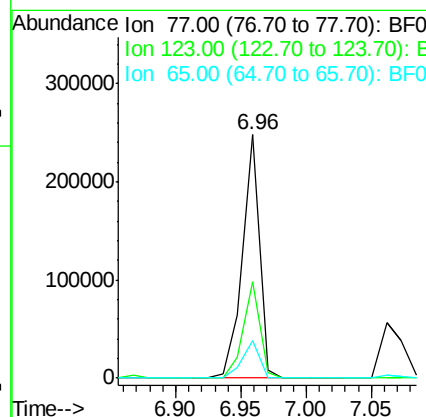
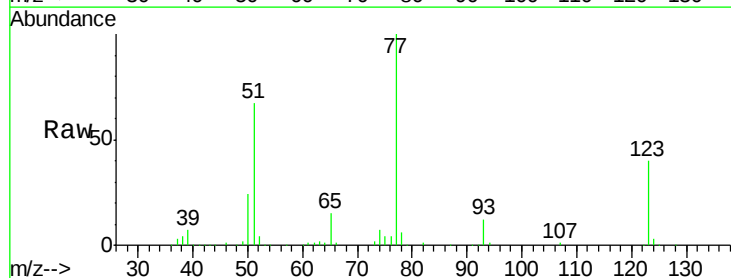
Instrument :
 BNA_F
 ClientSampleId :

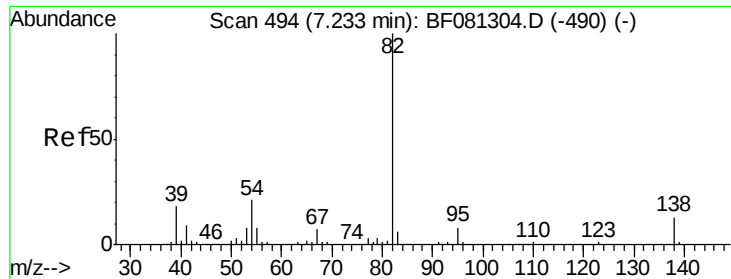
Tot Ion	82	Resp	408937
Ion Ratio	100	Lower	Upper
128	37.2	51.0	76.6#
54	67.1	47.5	71.3



#24
 Nitrobenzene
 Concen: 39.82 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	77	Resp	224015
Ion Ratio	100	Lower	Upper
123	39.5	59.8	89.8#
65	15.3	10.2	15.4





#25

Isophorone

Concen: 36.79 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

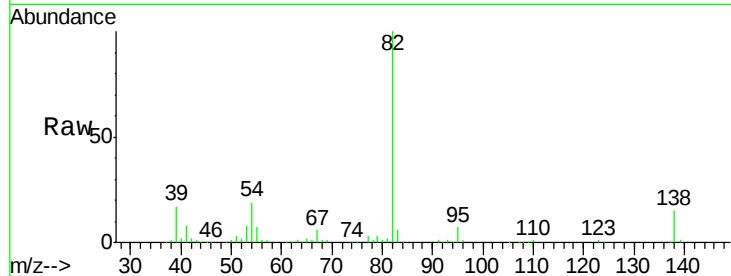
Tot Ion: 82 Resp: 370693

Ion Ratio Lower Upper

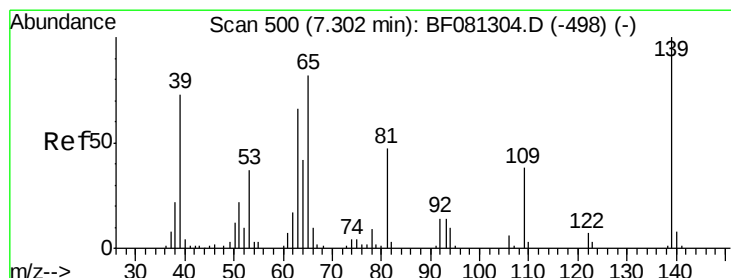
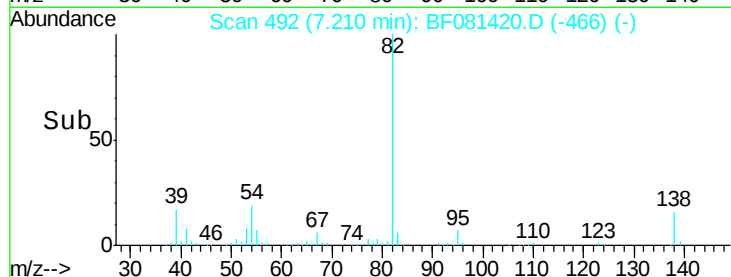
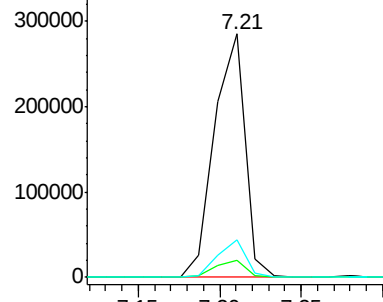
82 100

95 7.2 4.0 6.0#

138 15.5 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.37 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

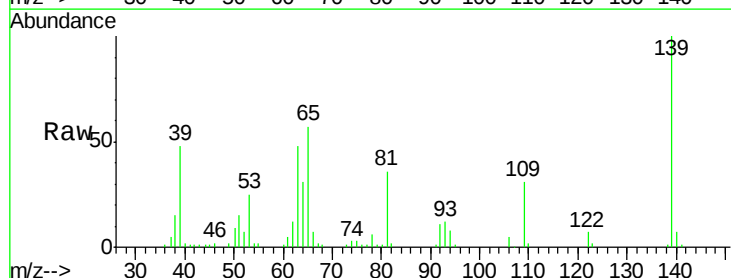
Tgt Ion: 139 Resp: 96525

Ion Ratio Lower Upper

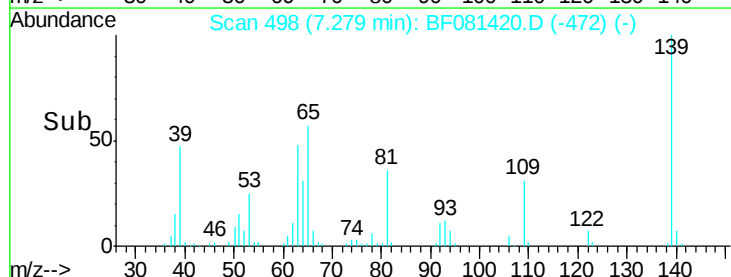
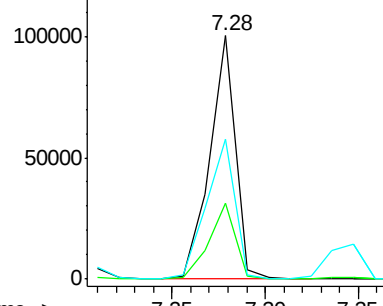
139 100

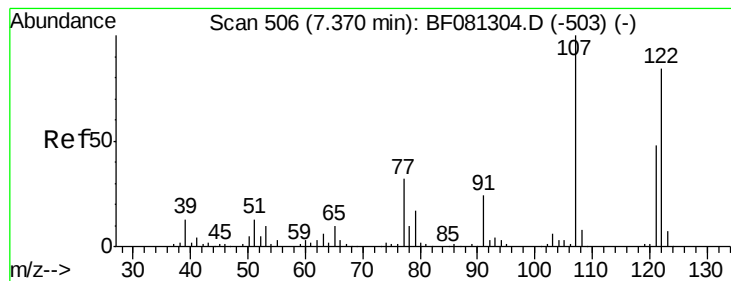
109 31.4 11.0 16.4#

65 57.3 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 38.15 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

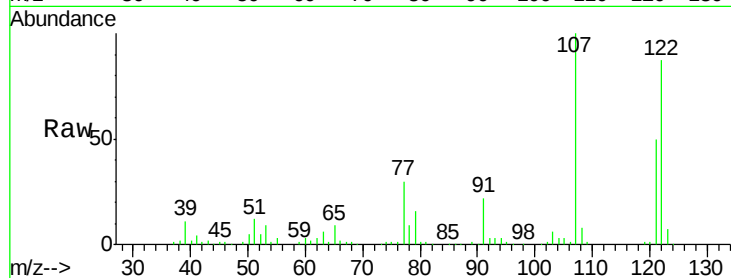
Tot Ion:122 Resp: 161566

Ion Ratio Lower Upper

122 100

107 115.0 71.8 107.6#

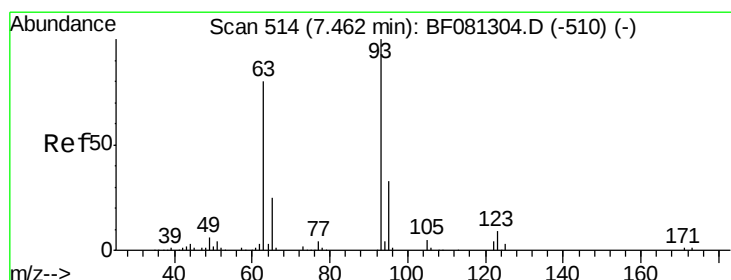
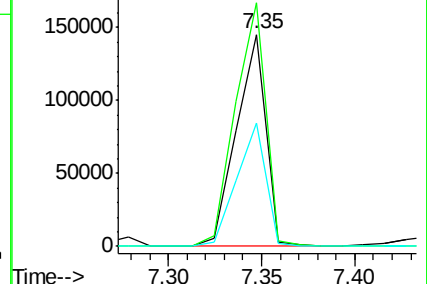
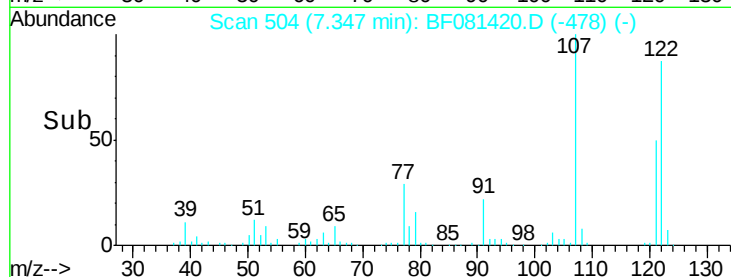
121 58.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.78 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

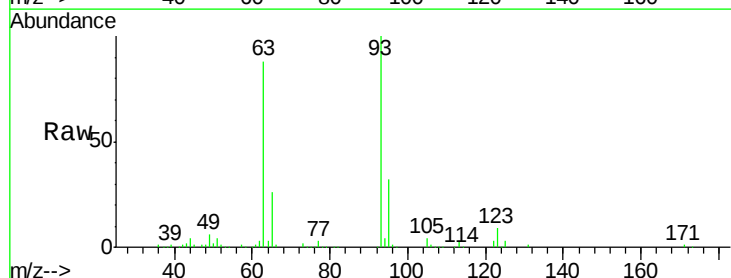
Tgt Ion: 93 Resp: 208219

Ion Ratio Lower Upper

93 100

95 31.8 27.5 41.3

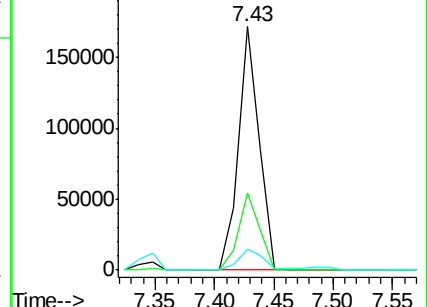
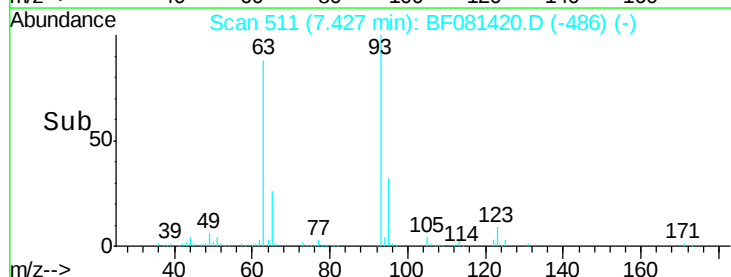
123 8.8 13.7 20.5#

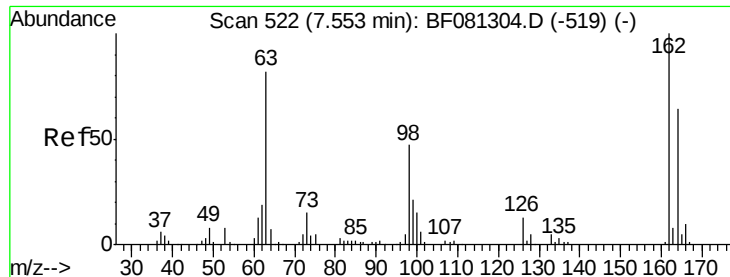


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

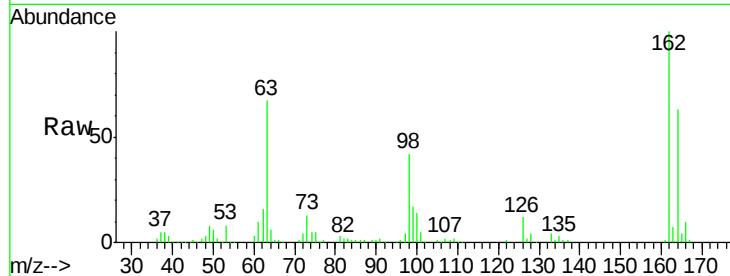




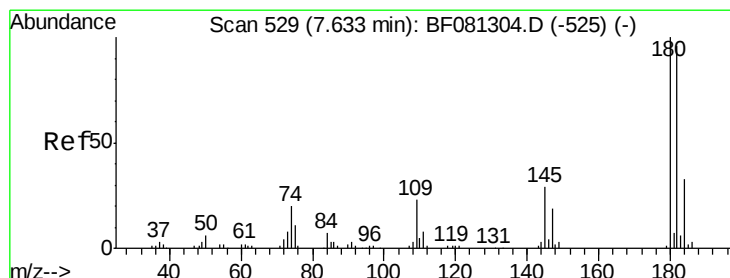
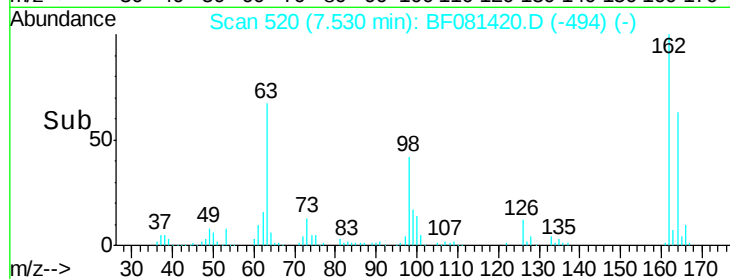
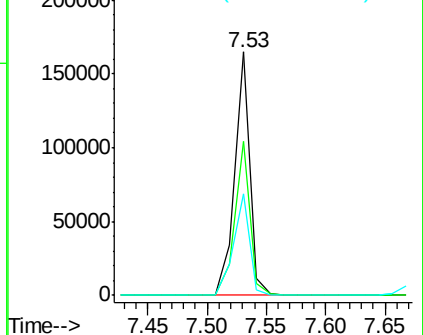
#29
 2,4-Dichlorophenol
 Concen: 39.94 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.9	84.9
98	41.6	13.0	53.0

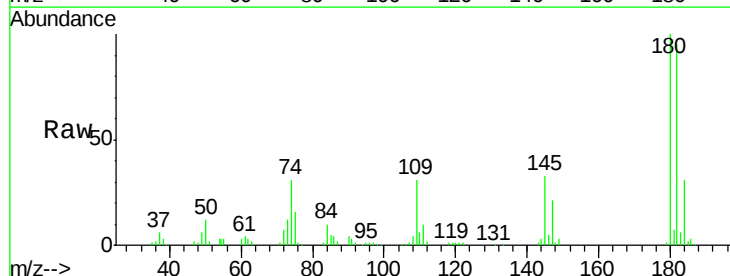


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

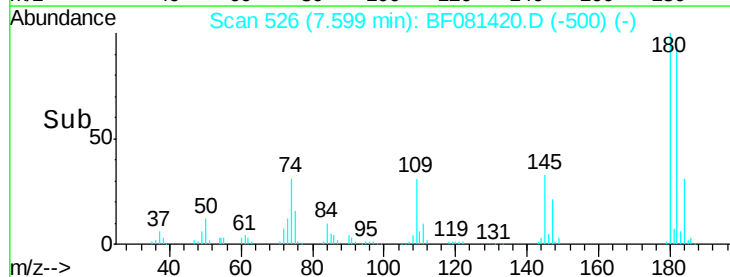
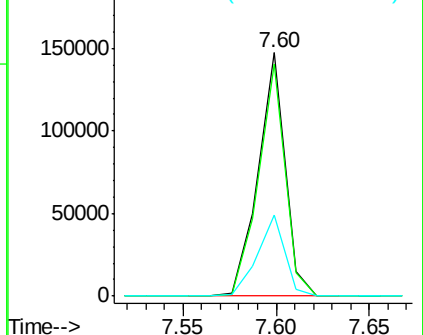


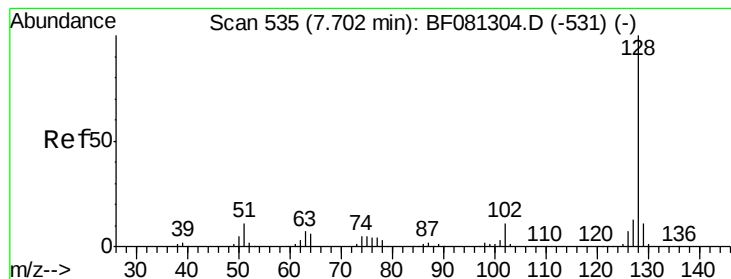
#30
 1,2,4-Trichlorobenzene
 Concen: 36.90 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
145	33.3	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: 34.35 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampled :

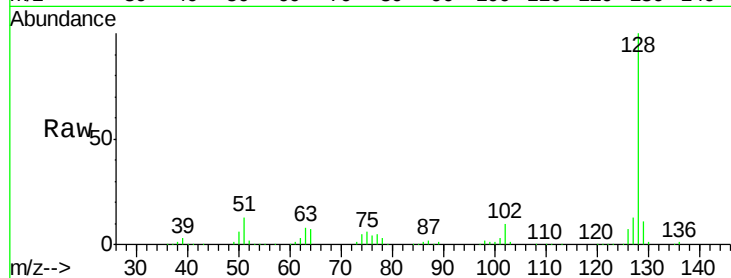
Tot Ion:128 Resp: 478694

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

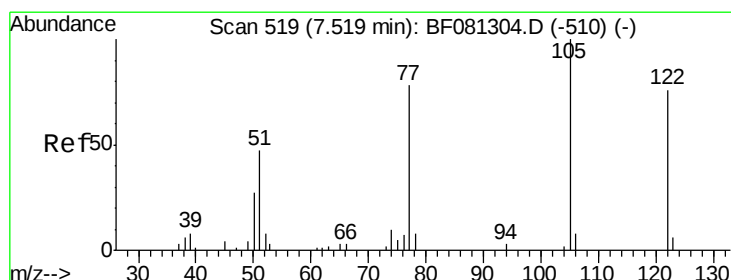
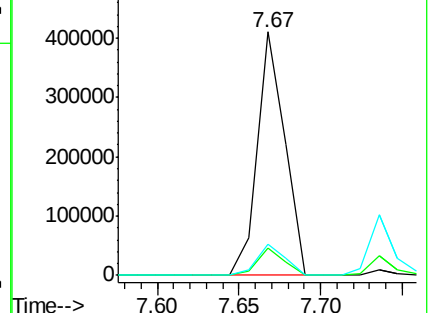
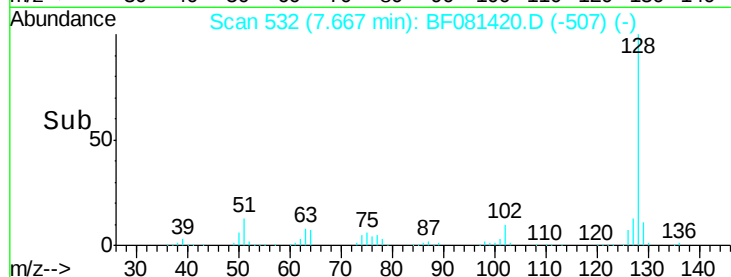
127 13.0 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.27 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

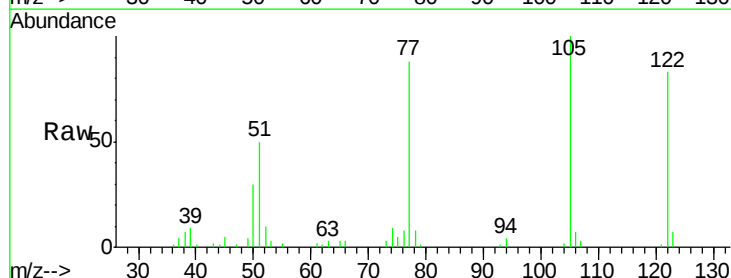
Tgt Ion:122 Resp: 75735

Ion Ratio Lower Upper

122 100

105 120.5 76.1 116.1#

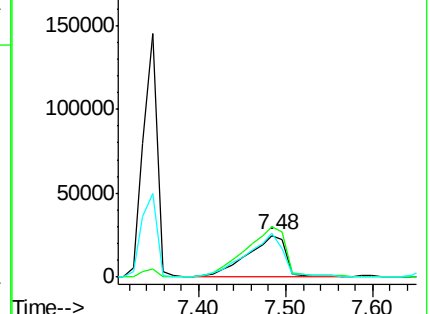
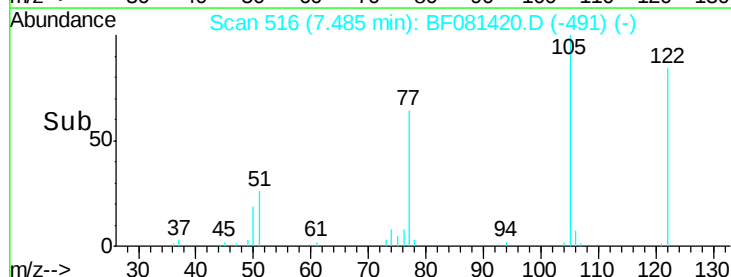
77 106.4 40.5 80.5#



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

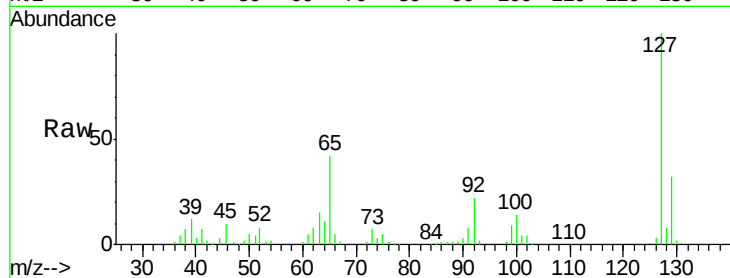




#33
4-Chloroaniline
Concen: 19.43 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.6
65	42.0	17.9	26.9
92	22.4	10.5	15.7



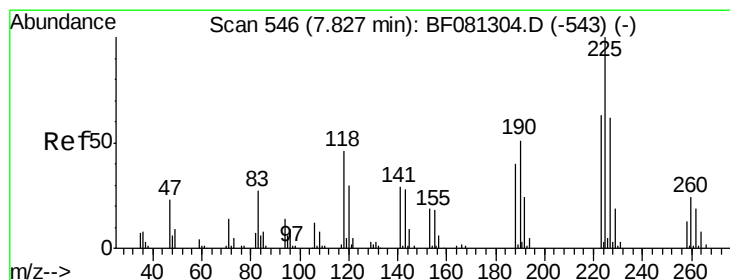
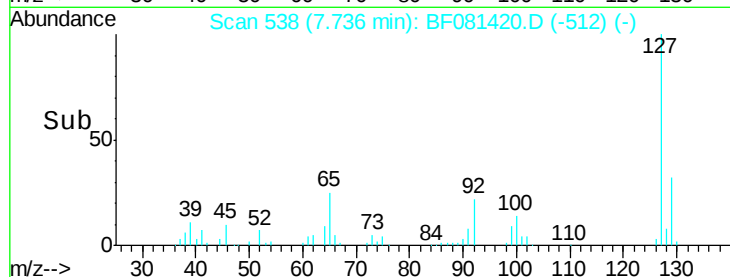
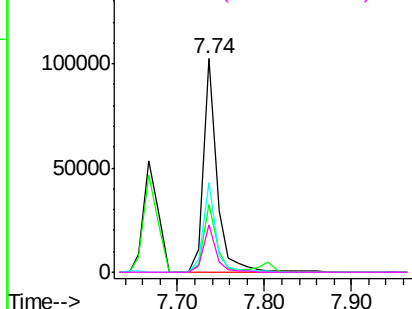
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

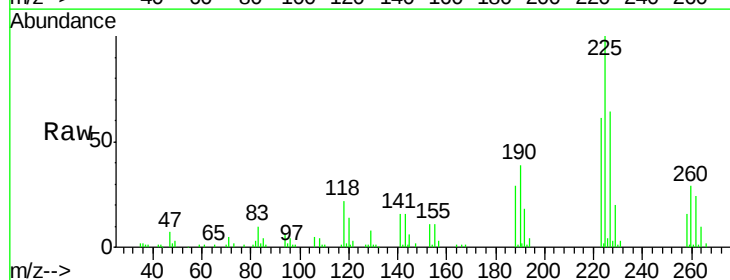
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 36.31 ng
RT: 7.80 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.2	75.2
227	63.6	52.2	78.2

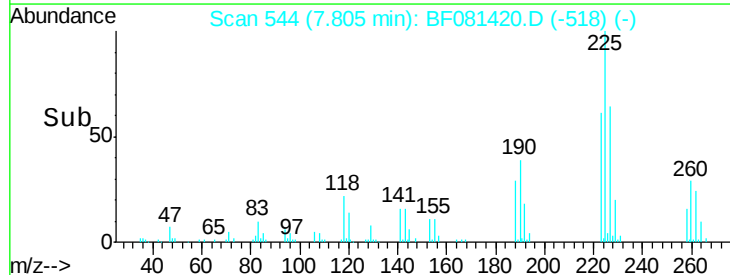
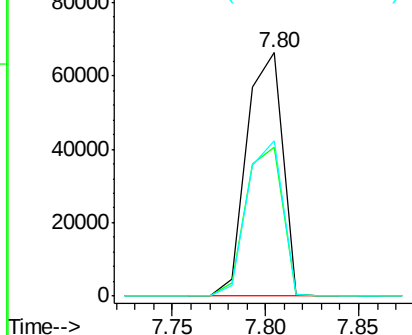


Abundance

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: 24.53 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampled :

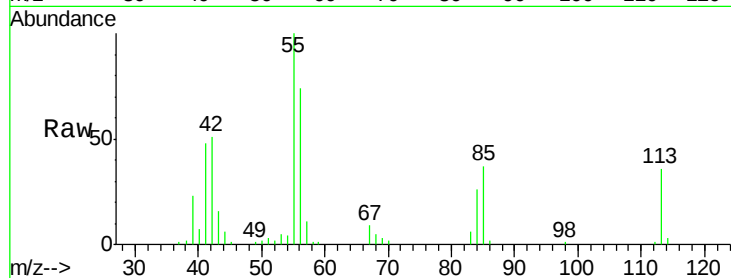
Tot Ion:113 Resp: 27628

Ion Ratio Lower Upper

113 100

55 280.8 152.4 192.4#

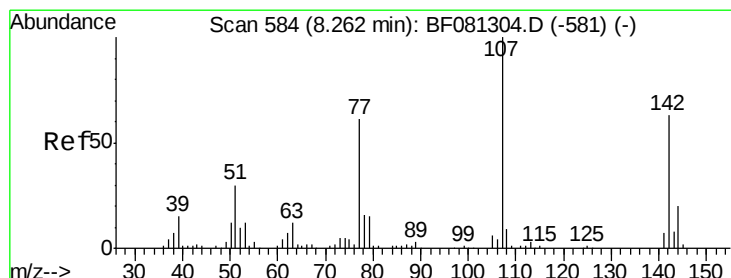
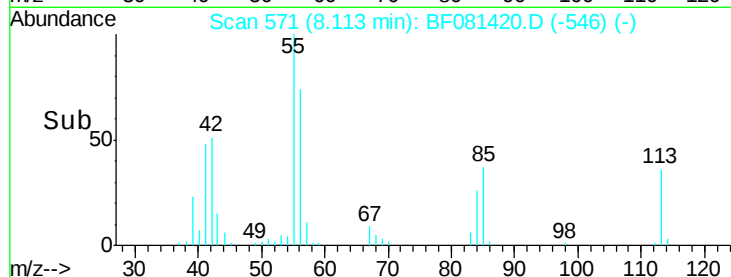
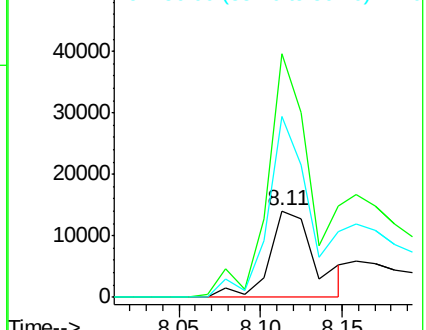
56 208.0 104.6 144.6#



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: 42.13 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

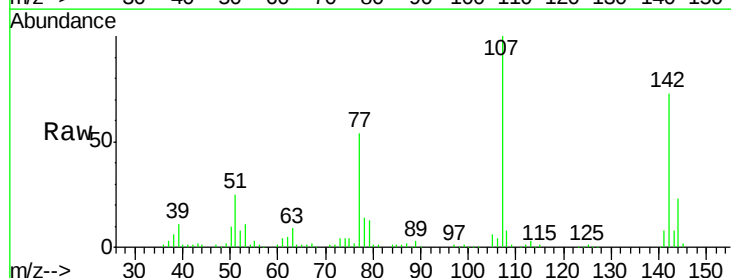
Tgt Ion:107 Resp: 173165

Ion Ratio Lower Upper

107 100

144 22.6 25.4 38.0#

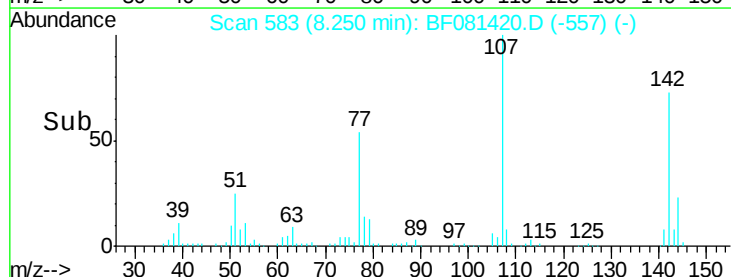
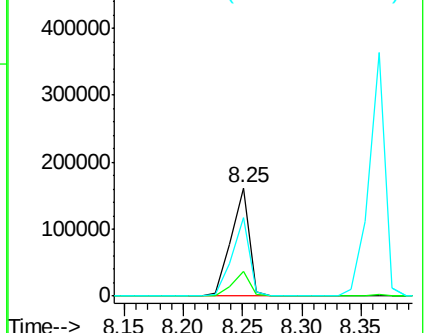
142 72.6 77.3 115.9#

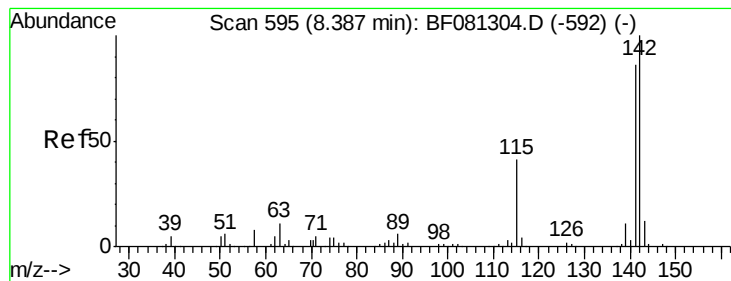


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

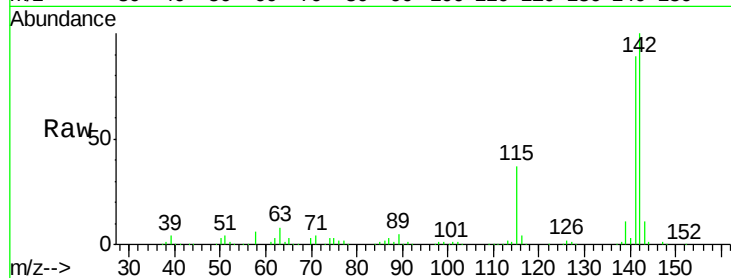




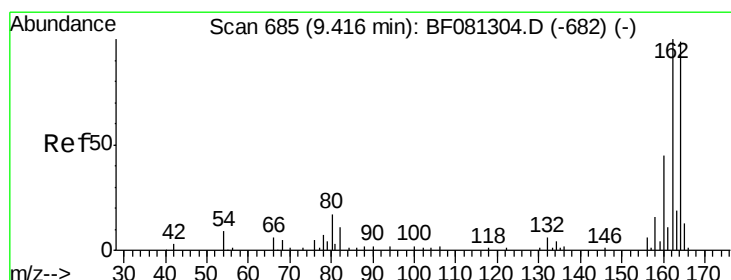
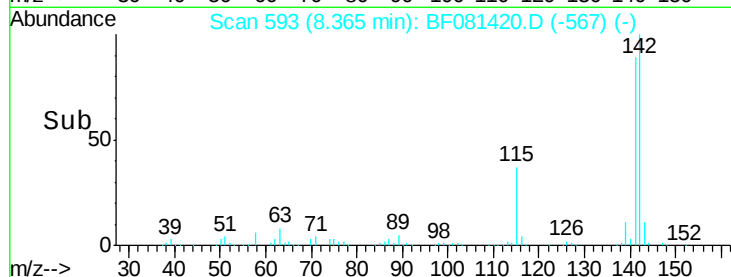
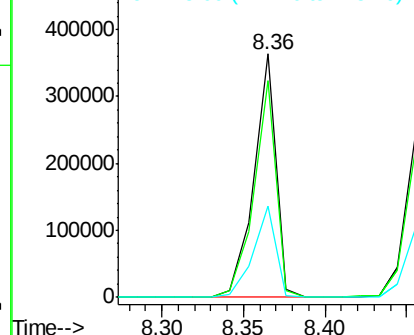
#37
2-Methylnaphthalene
Concen: 37.71 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 342074
Ion Ratio Lower Upper
142 100
141 89.3 67.5 101.3
115 37.3 18.2 27.2#

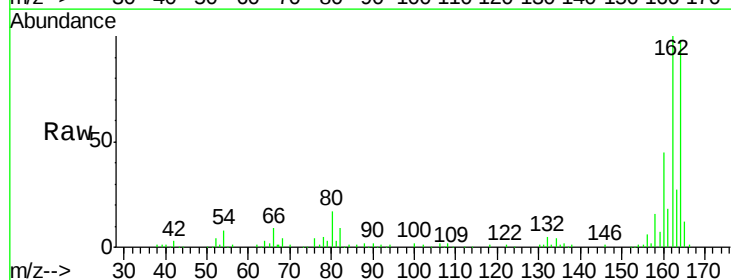


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

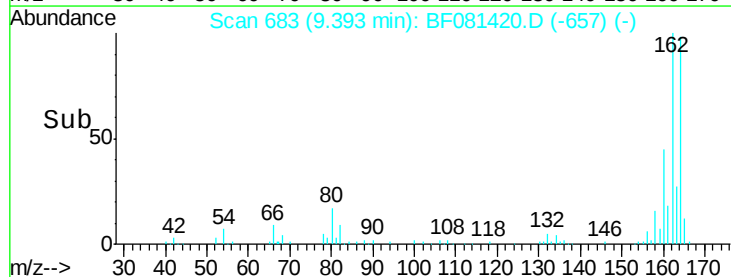
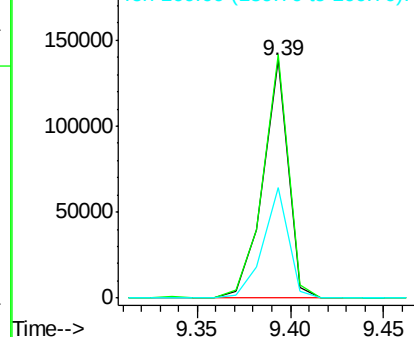


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:164 Resp: 129331
Ion Ratio Lower Upper
164 100
162 102.2 75.2 112.8
160 46.2 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.14 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 135549

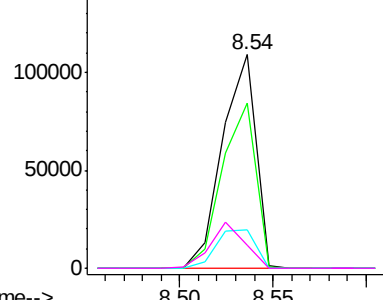
Ion	Ratio	Lower	Upper
216	100		
214	77.8	63.5	95.3
179	21.3	16.6	24.8
108	22.5	16.3	24.5

Abundance Ion 216.00 (215.70 to 216.70): E

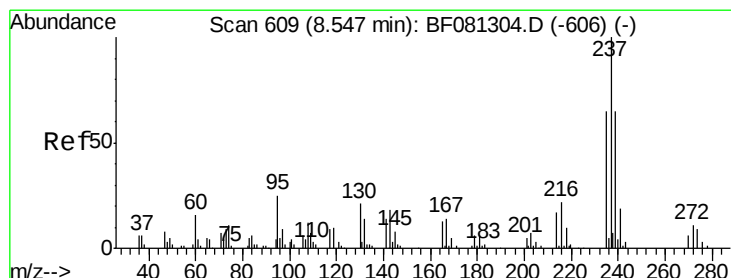
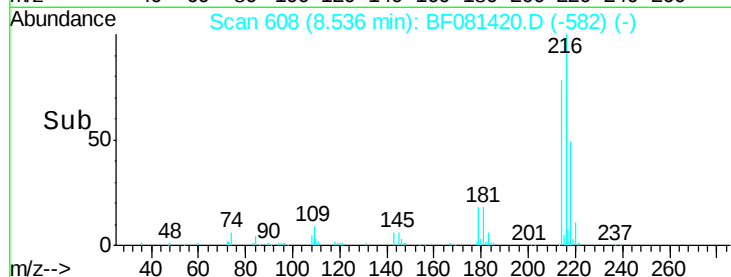
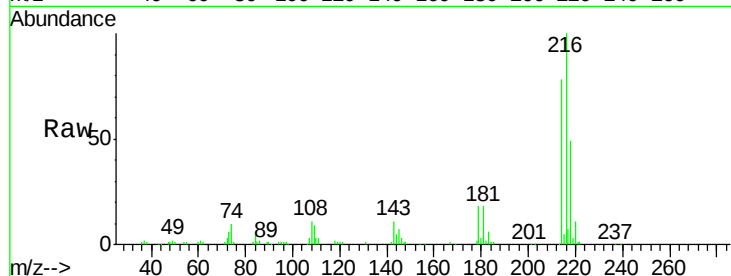
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 64.64 ng

RT: 8.52 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

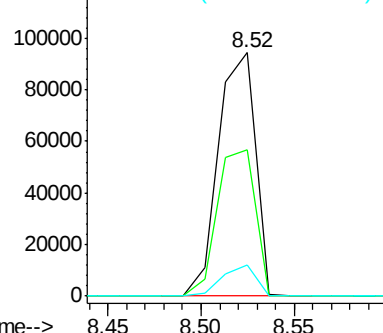
Tgt Ion:237 Resp: 129748

Ion	Ratio	Lower	Upper
237	100		
235	59.9	42.0	82.0
272	12.6	0.0	36.1

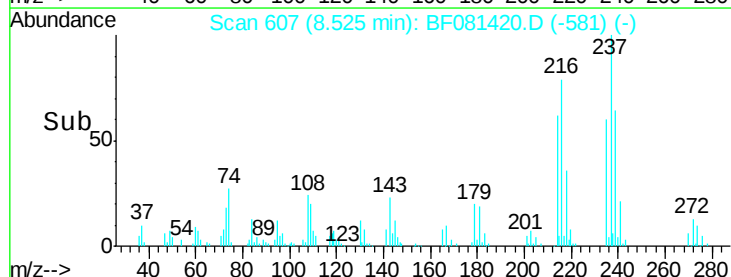
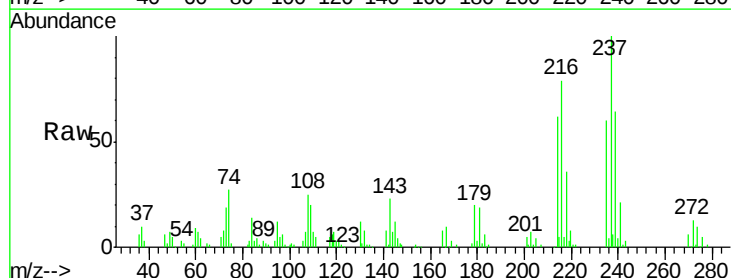
Abundance Ion 236.80 (236.50 to 237.50): E

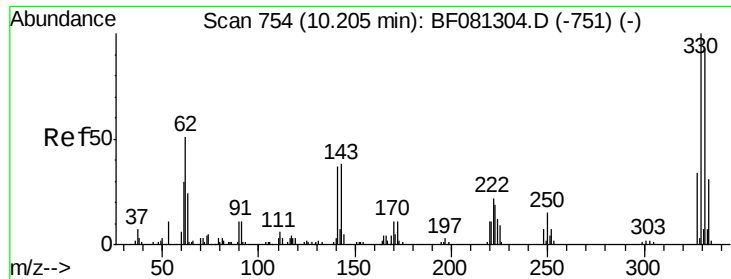
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

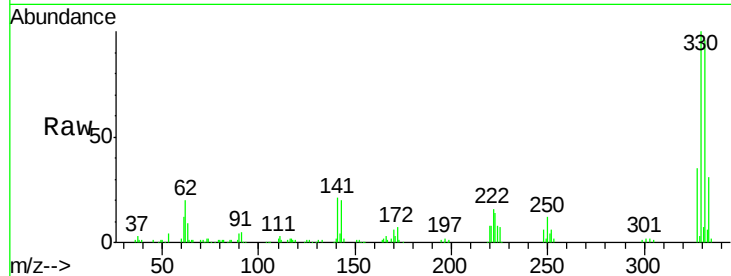




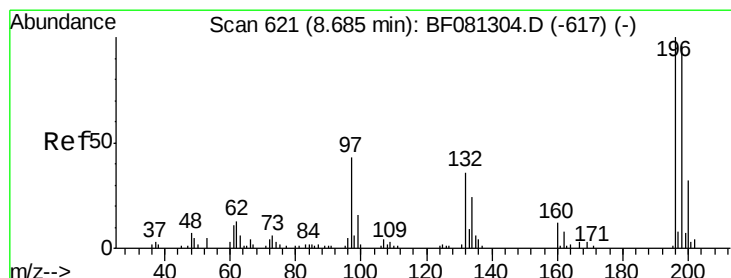
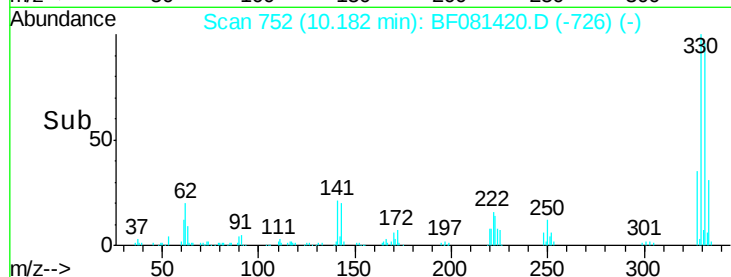
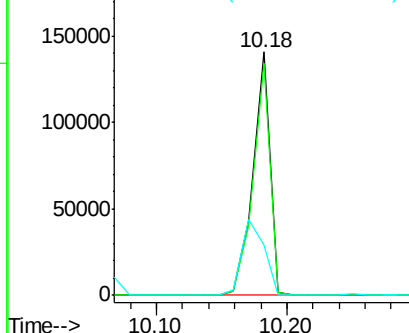
#41
 2,4,6-Tribromophenol
 Concen: 113.01 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.6	114.8
141	40.3	29.7	44.5

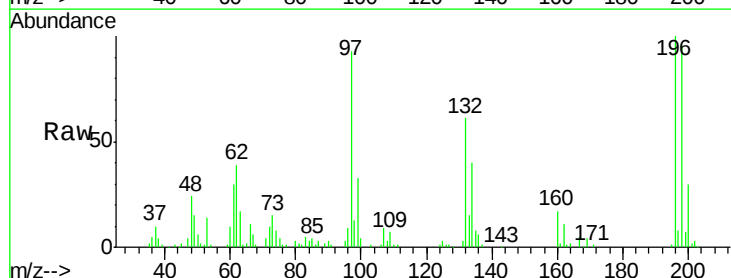


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

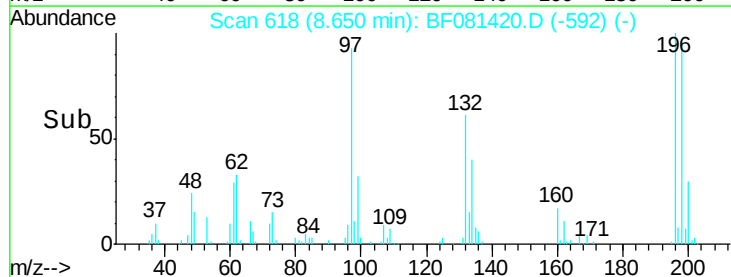
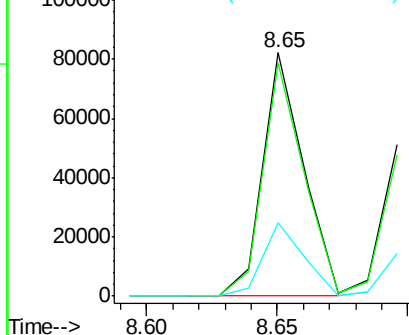


#42
 2,4,6-Trichlorophenol
 Concen: 31.19 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
200	29.9	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

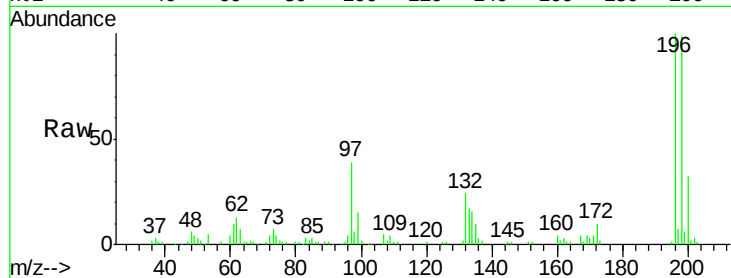




#43
 2,4,5-Trichlorophenol
 Concen: 33.33 ng
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	95984
Ion Ratio	Lower	Upper	
196	100		
198	99.3	75.4	113.0
97	38.7	33.3	49.9
132	23.7	24.6	37.0#



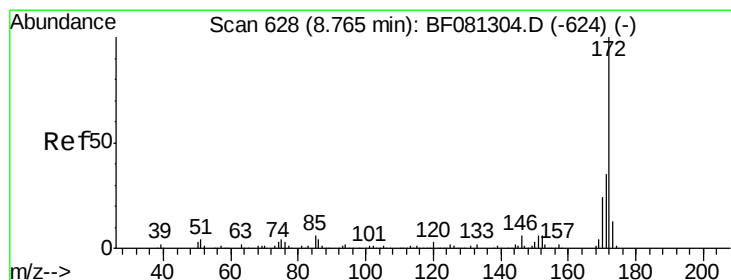
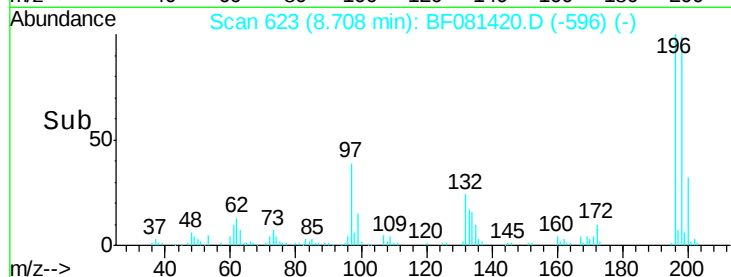
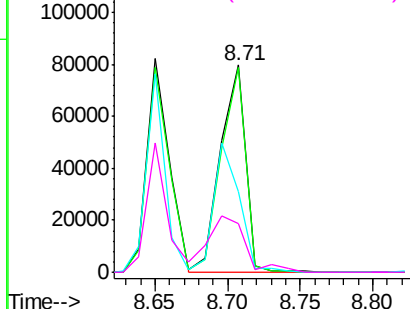
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

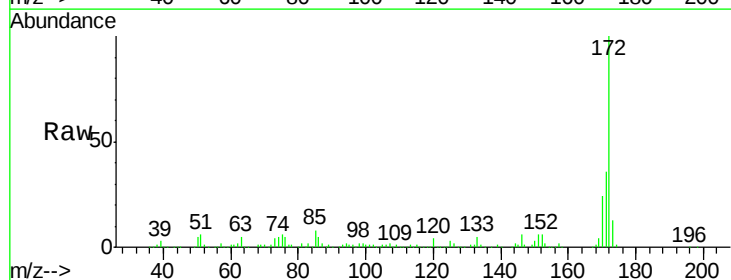
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion	172	Resp	642801
Ion Ratio	Lower	Upper	
172	100		
171	36.1	26.1	39.1
170	24.0	17.4	26.2

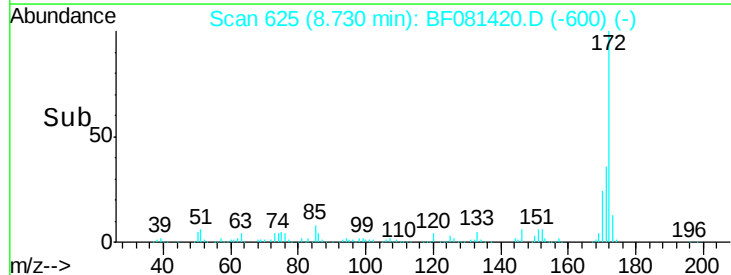
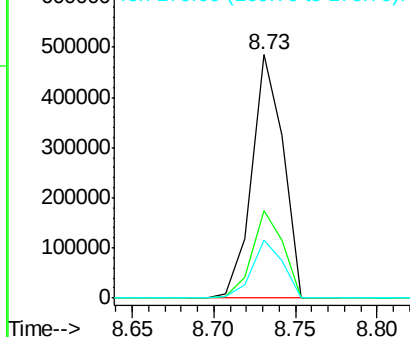


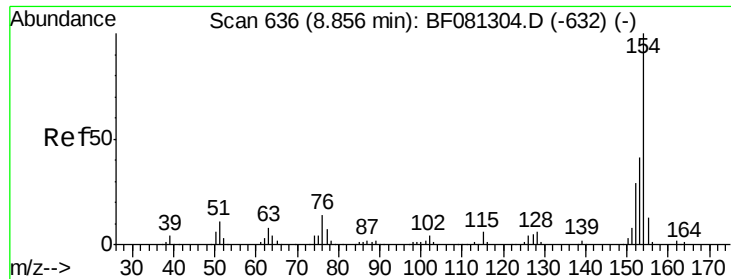
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

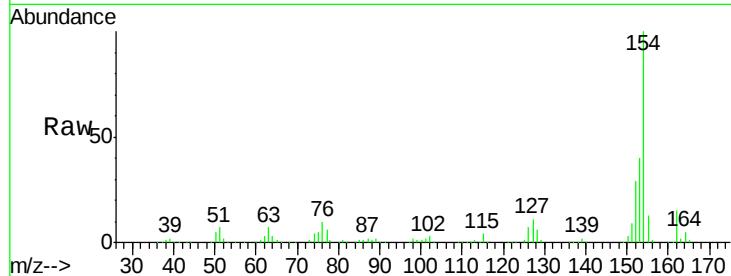




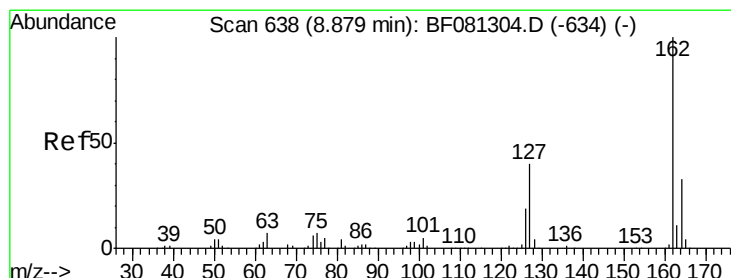
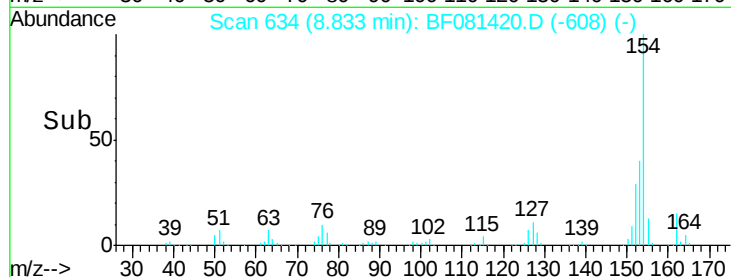
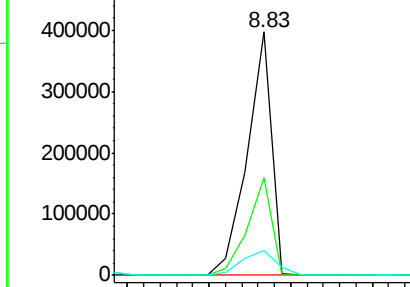
#45
 1,1'-Biphenyl
 Concen: 34.38 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 409098
 Ion Ratio Lower Upper
 154 100
 153 40.0 17.1 57.1
 76 10.0 0.0 31.6

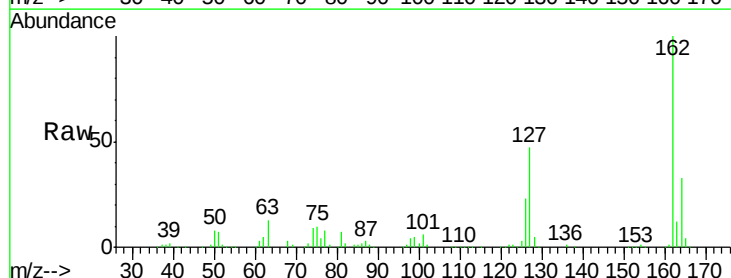


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

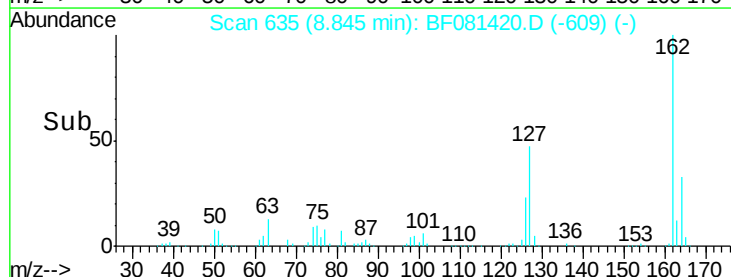
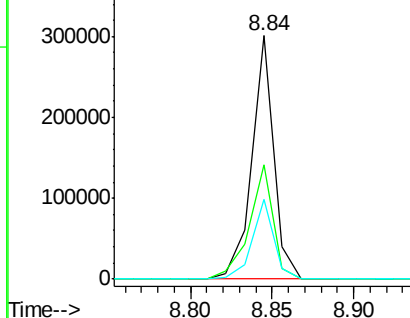


#46
 2-Chloronaphthalene
 Concen: 32.66 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:162 Resp: 280636
 Ion Ratio Lower Upper
 162 100
 127 47.1 27.6 41.4#
 164 32.6 25.4 38.2



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





#47

2-Nitroaniline

Concen: 37.94 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

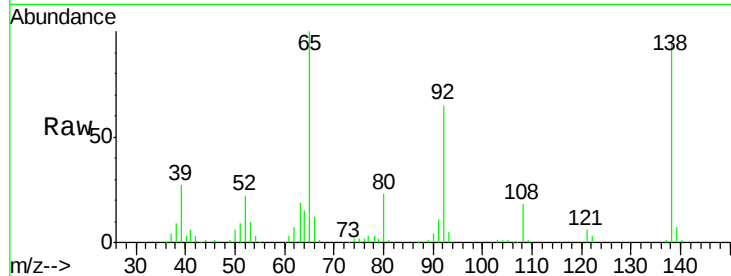
Tot Ion: 65 Resp: 132871

Ion Ratio Lower Upper

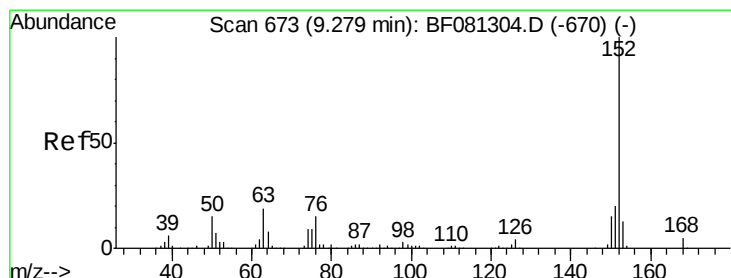
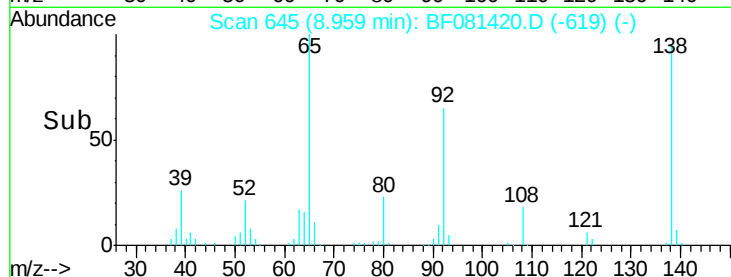
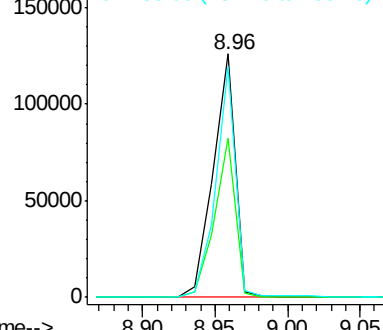
65 100

92 65.2 55.4 83.0

138 94.7 115.5 173.3#



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



#48

Acenaphthylene

Concen: 33.43 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

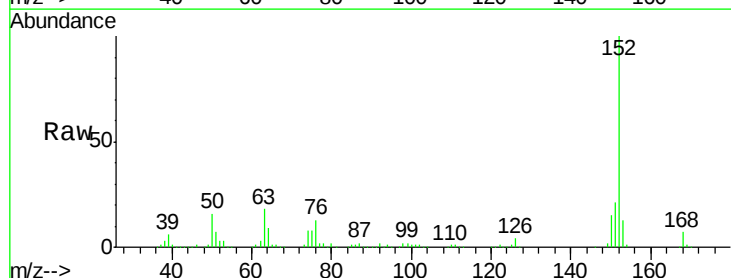
Tgt Ion: 152 Resp: 509562

Ion Ratio Lower Upper

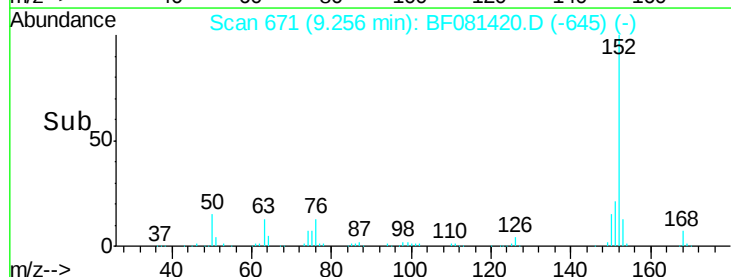
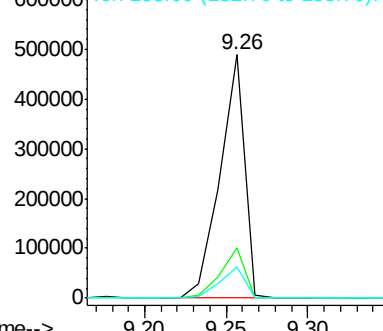
152 100

151 20.6 14.6 22.0

153 12.9 10.3 15.5



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

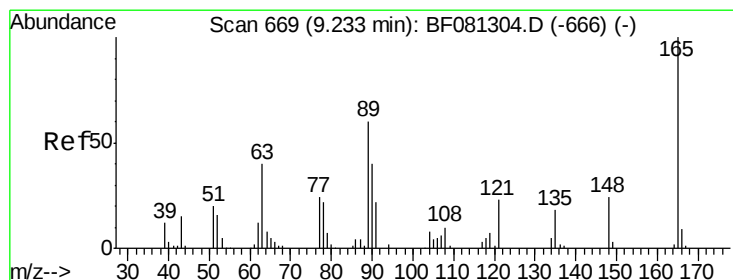
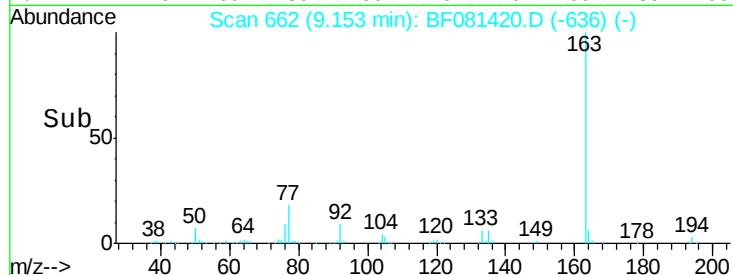
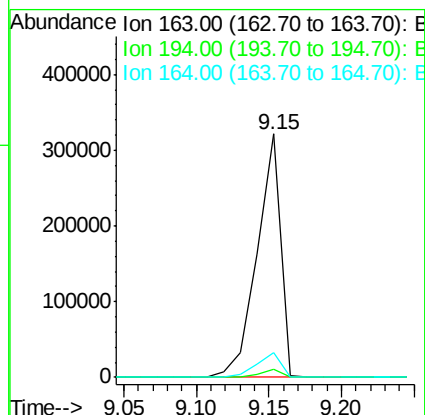
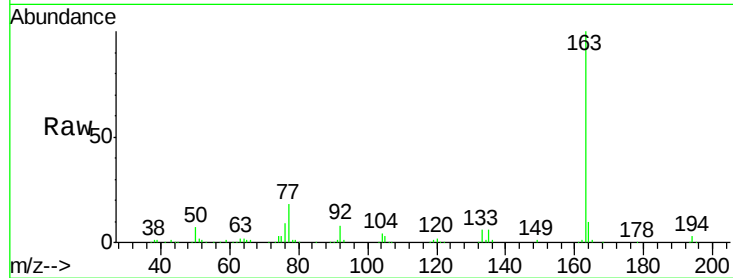




#49
Dimethylphthalate
Concen: 36.15 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

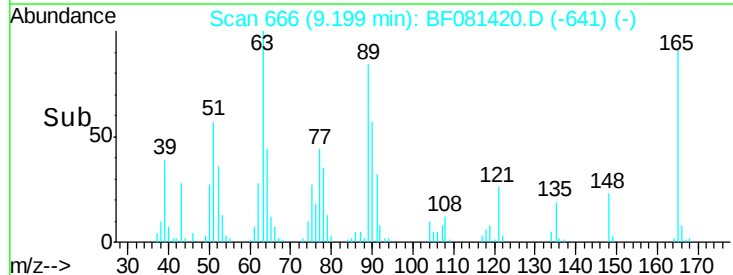
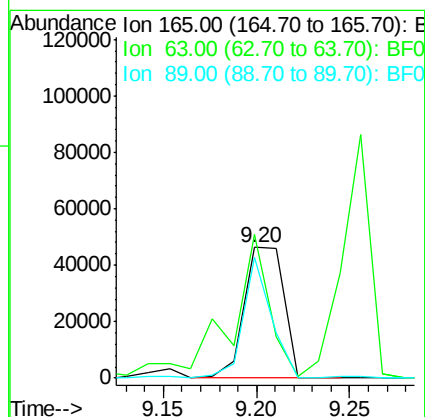
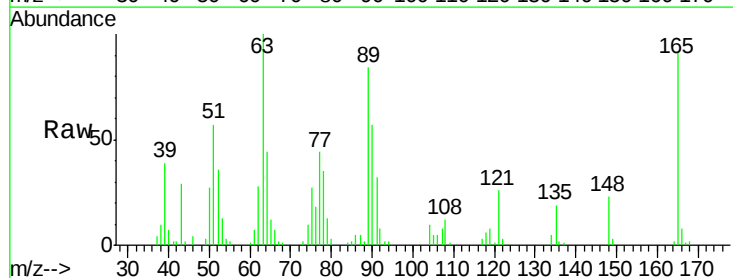
Instrument :
BNA_F
ClientSampled :

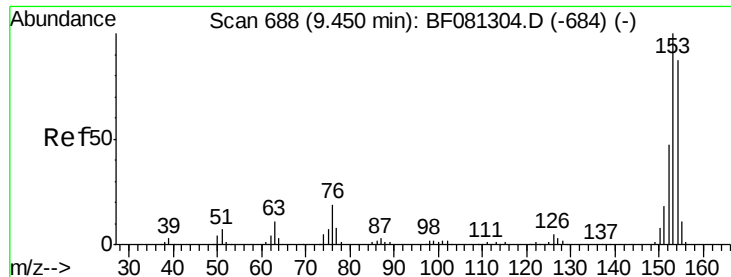
Tot Ion:163 Resp: 363203
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 29.88 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:165 Resp: 68148
Ion Ratio Lower Upper
165 100
63 109.9 32.3 48.5#
89 92.2 28.6 43.0#





#51

Acenaphthene

Concen: 35.32 ng

RT: 9.43 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

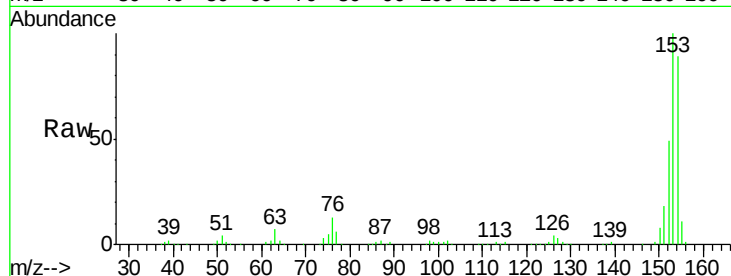
Tot Ion:154 Resp: 306327

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

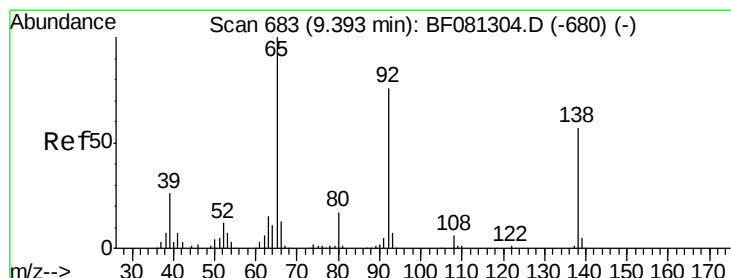
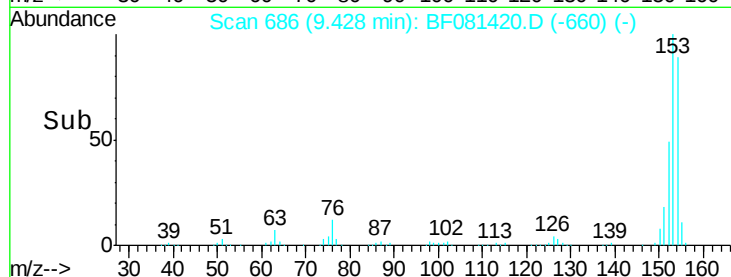
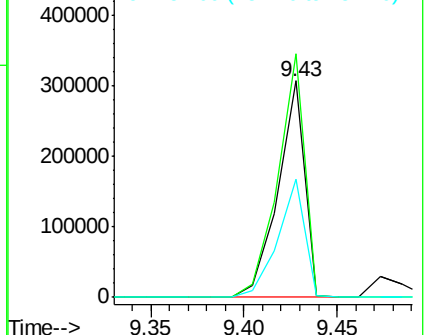
152 54.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.83 ng

RT: 9.37 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

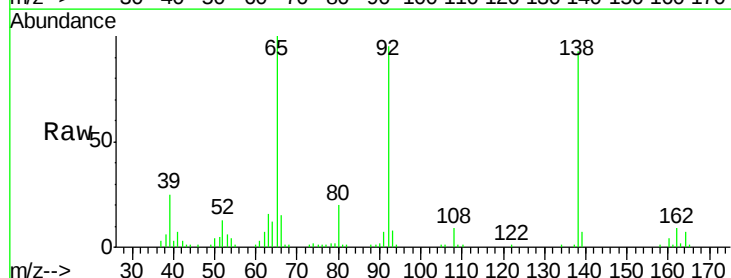
Tgt Ion:138 Resp: 61864

Ion Ratio Lower Upper

138 100

108 9.2 5.7 8.5#

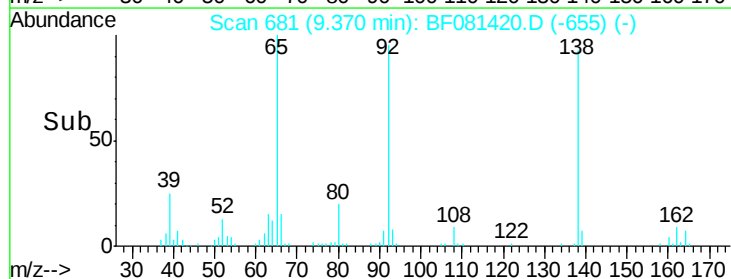
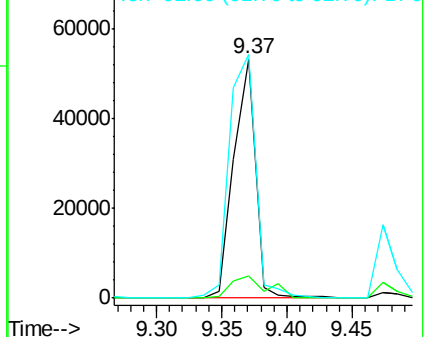
92 102.1 67.7 101.5#

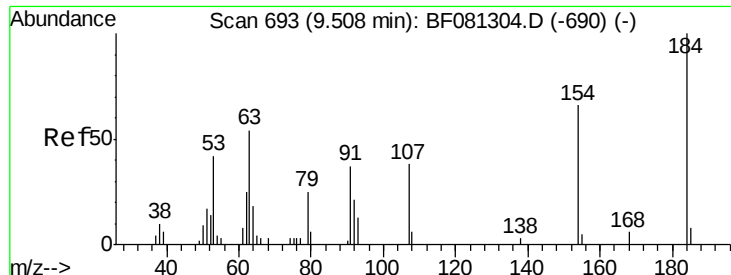


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

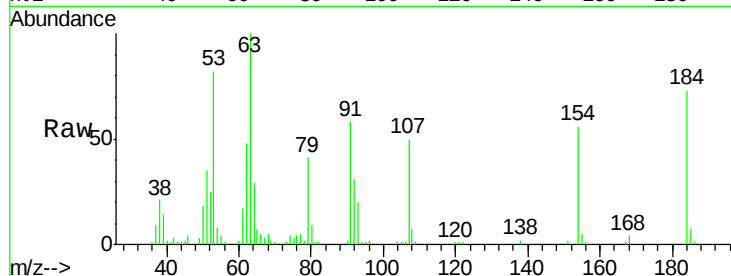




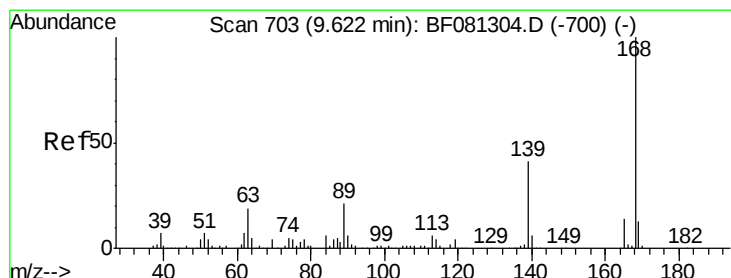
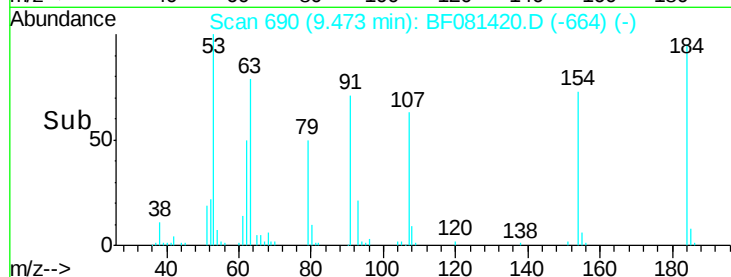
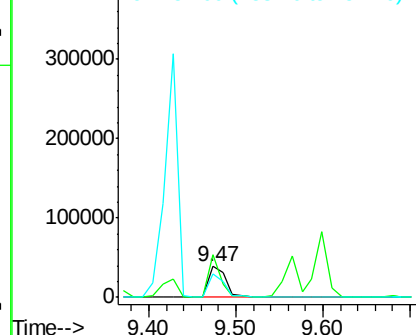
#53
2,4-Dinitrophenol
Concen: 58.82 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 56504
Ion Ratio Lower Upper
184 100
63 136.4 35.4 53.2#
154 76.9 32.2 48.4#

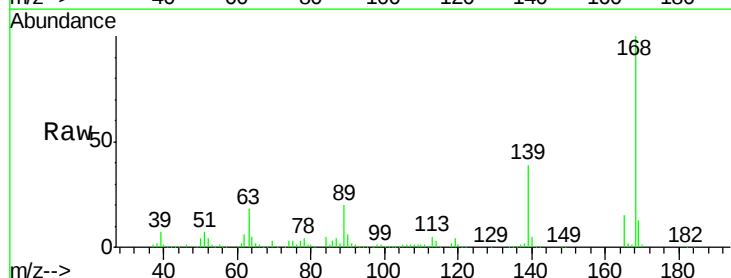


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

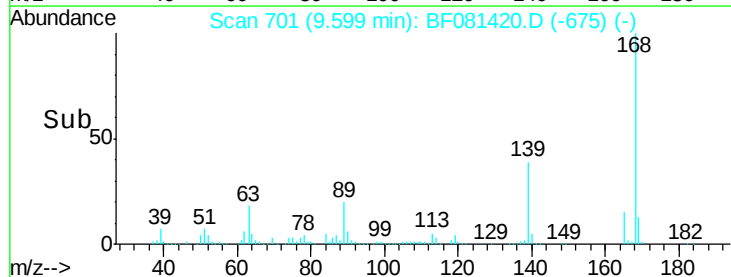
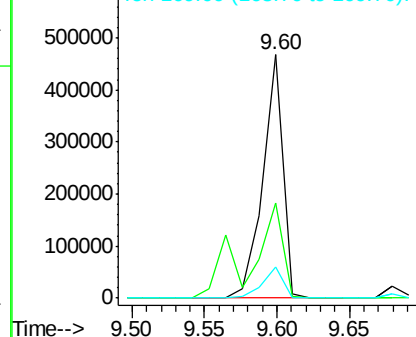


#54
Dibenzofuran
Concen: 35.41 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:168 Resp: 448332
Ion Ratio Lower Upper
168 100
139 39.0 24.2 36.2#
169 13.0 10.6 15.8



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

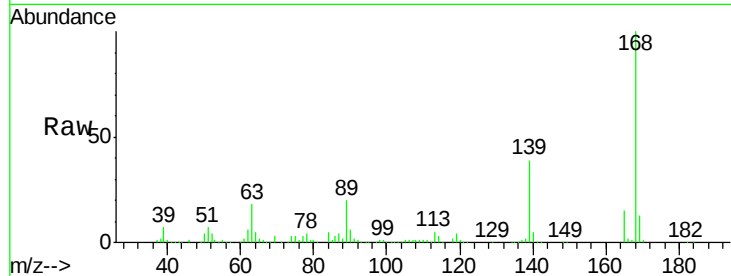




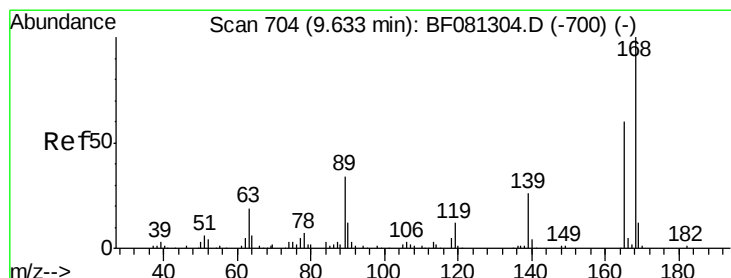
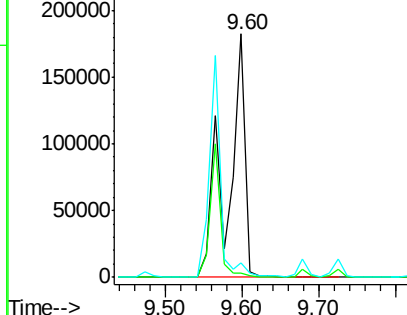
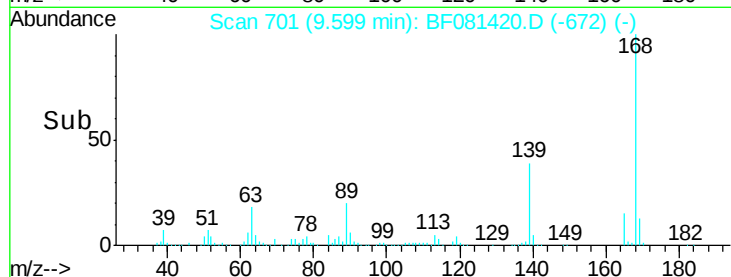
#55
4-Nitrophenol
Concen: 178.92 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.7	12.7	52.7#
65	5.9	45.9	85.9#

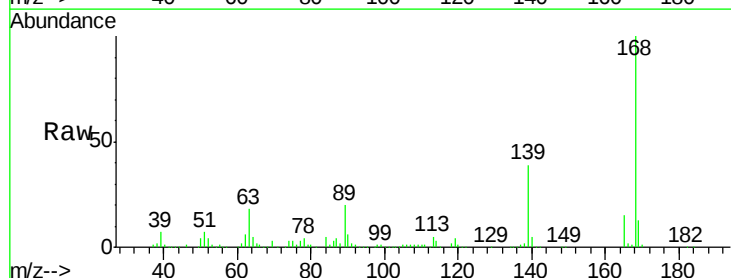


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

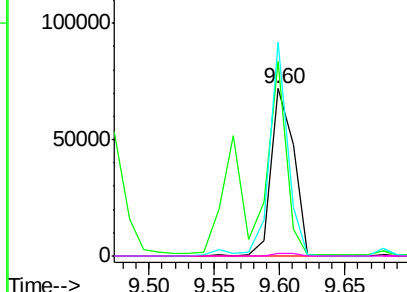
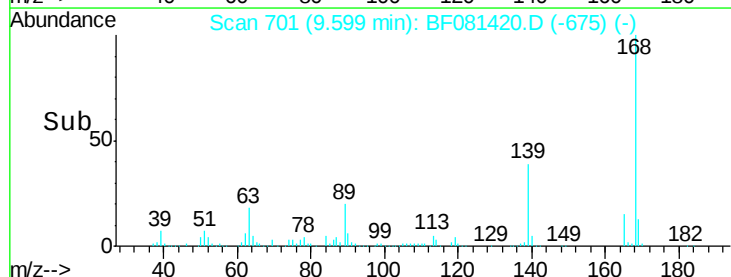


#56
2,4-Dinitrotoluene
Concen: 30.37 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	115.7	29.8	44.6#
89	127.5	44.5	66.7#
182	1.9	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: 32.21 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

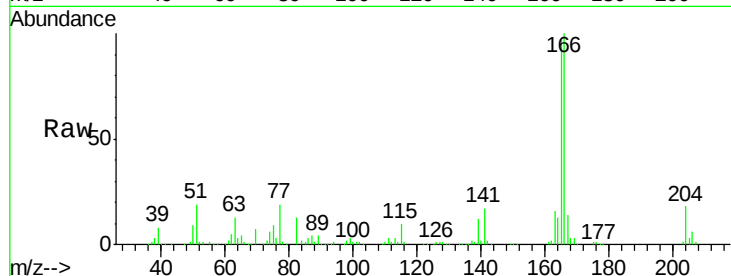
Tot Ion:166 Resp: 309540

Ion Ratio Lower Upper

166 100

165 97.0 72.6 109.0

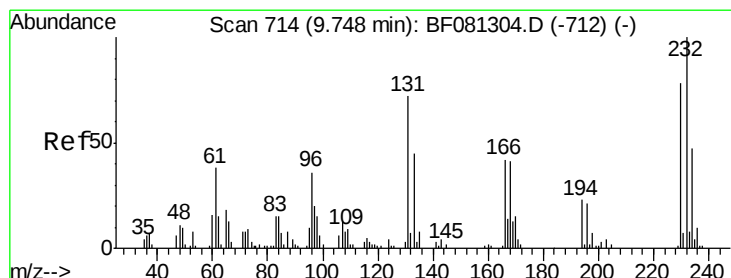
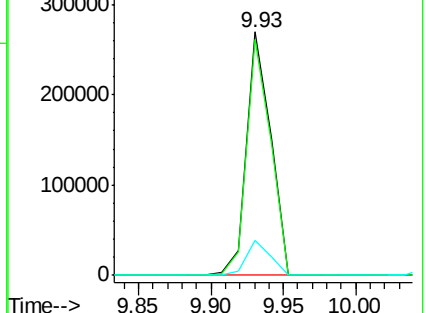
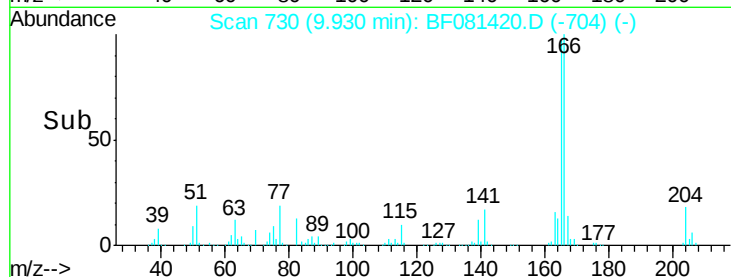
167 14.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.08 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion:232 Resp: 79335

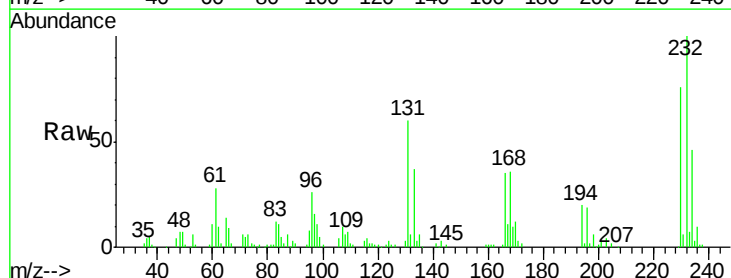
Ion Ratio Lower Upper

232 100

131 58.0 38.5 57.7#

130 2.6 1.8 2.6

166 34.0 25.0 37.6

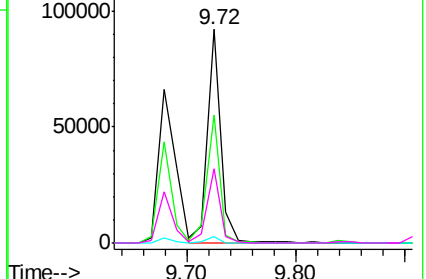
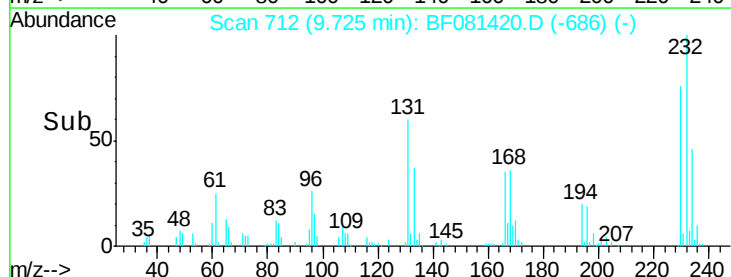


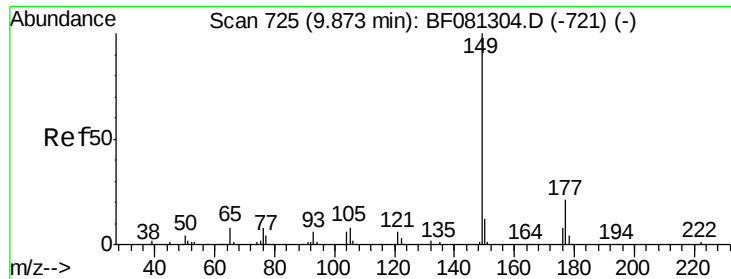
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

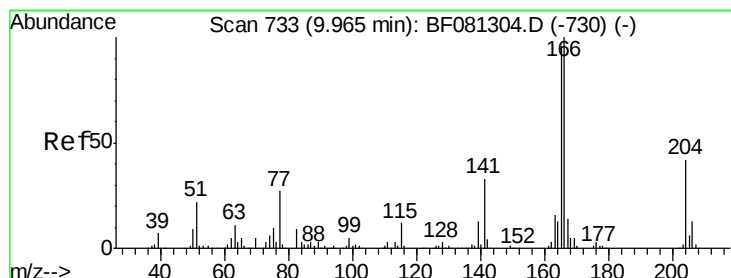
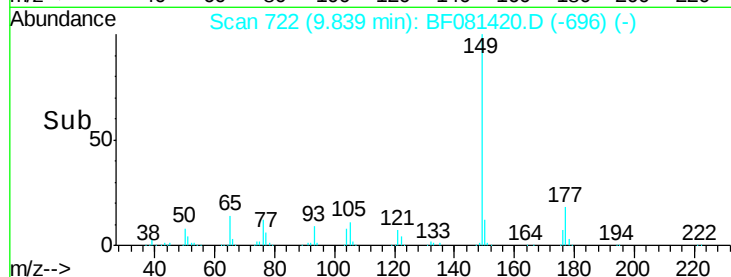
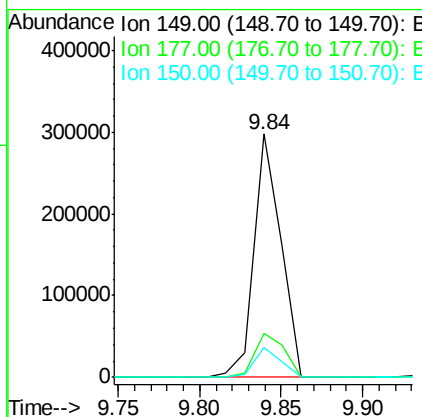
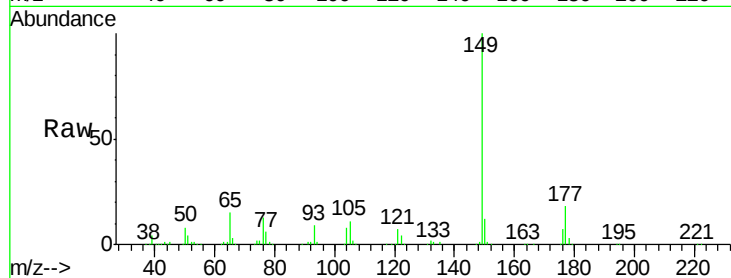




#59
Diethylphthalate
Concen: 32.21 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

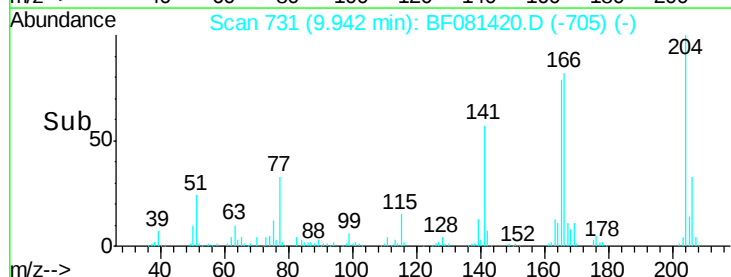
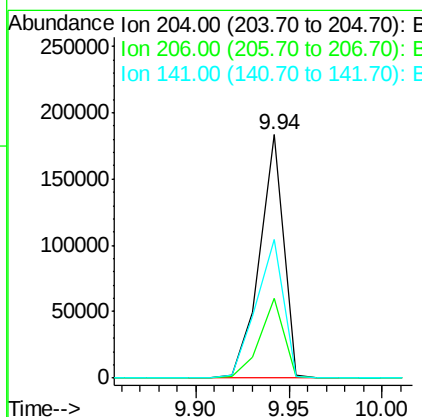
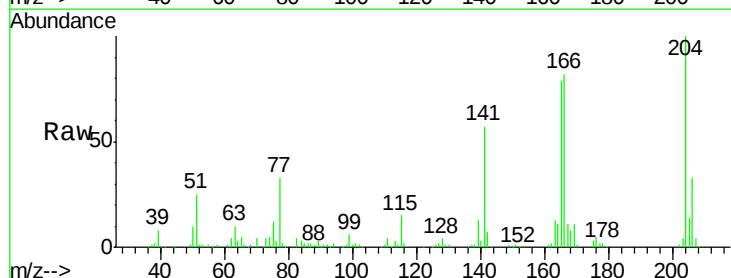
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	18.2	17.5	26.3
150	12.5	9.4	14.2



#60
4-Chlorophenyl-phenylether
Concen: 36.54 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	24.8	37.2
141	56.7	42.2	63.4





#61

4-Nitroaniline

Concen: 28.93 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

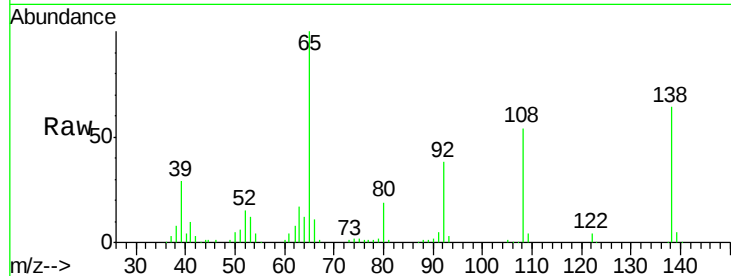
Tot Ion:138 Resp: 75891

Ion Ratio Lower Upper

138 100

92 59.5 12.6 52.6#

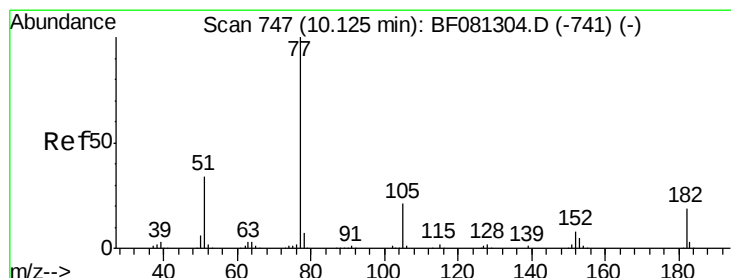
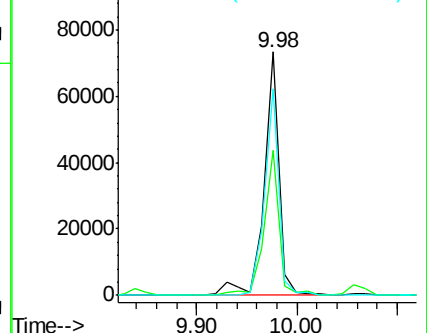
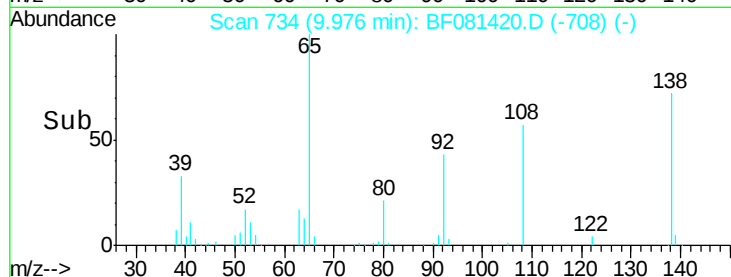
108 85.0 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 34.50 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Tgt Ion: 77 Resp: 405427

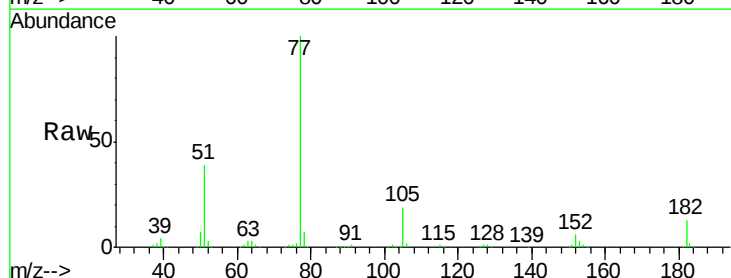
Ion Ratio Lower Upper

77 100

182 13.1 15.1 55.1#

105 19.3 3.4 43.4

51 38.6 12.0 52.0

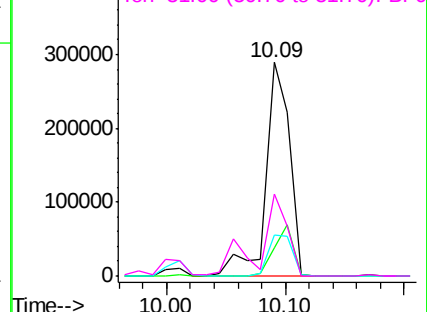
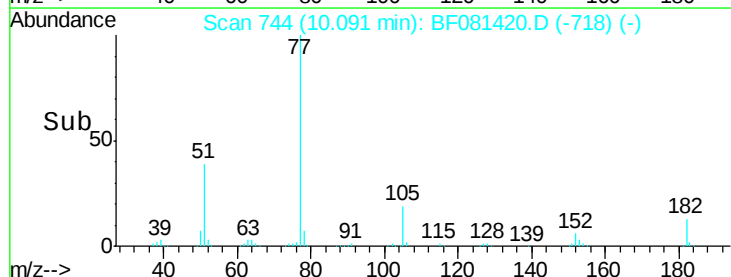


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

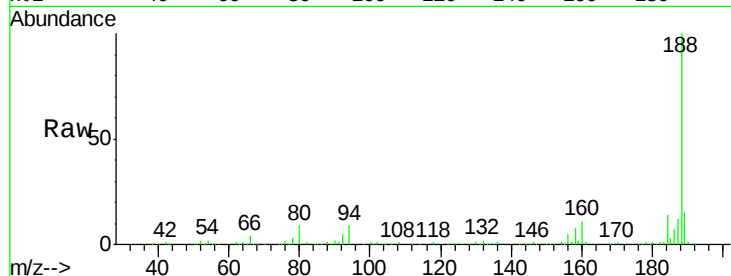




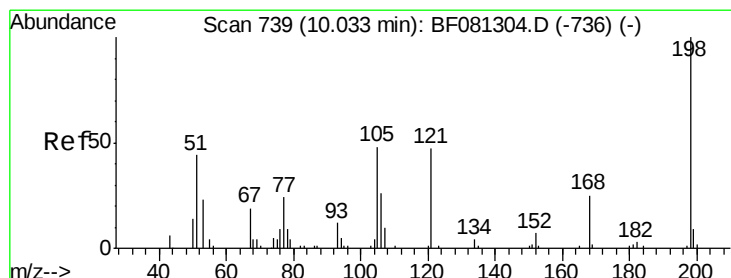
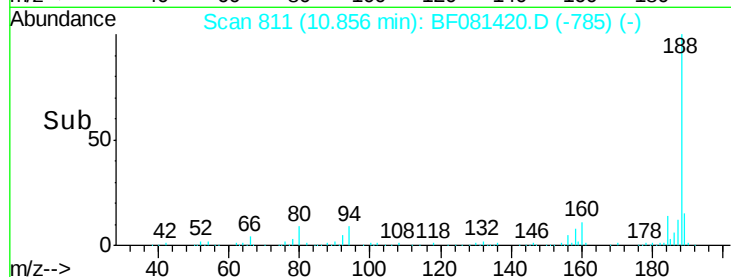
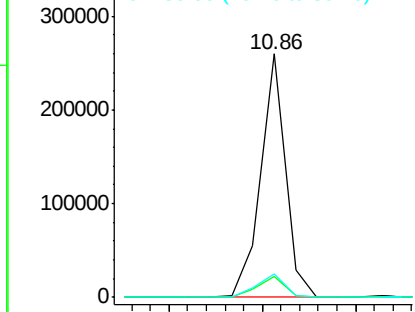
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 238417
 Ion Ratio Lower Upper
 188 100
 94 8.8 11.1 16.7#
 80 9.4 11.0 16.4#

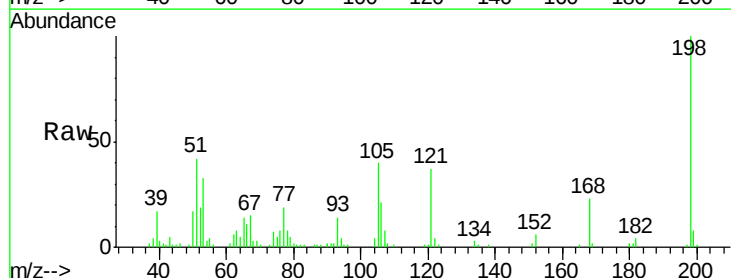


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

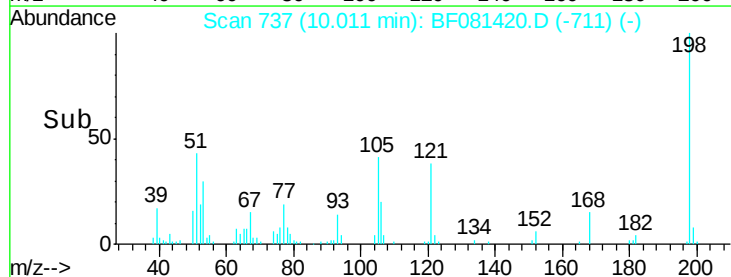
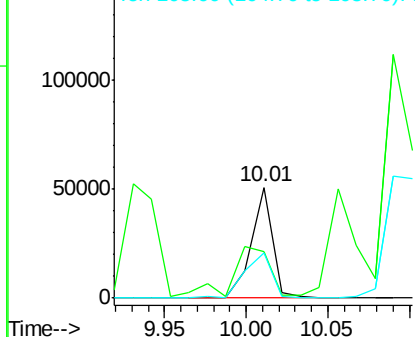


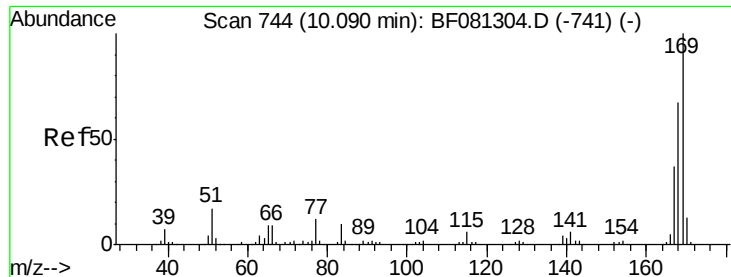
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.42 ng
 RT: 10.01 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:198 Resp: 45898
 Ion Ratio Lower Upper
 198 100
 51 42.0 39.6 79.6
 105 40.4 28.5 68.5



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





#65

n-Nitrosodiphenylamine

Concen: 33.31 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

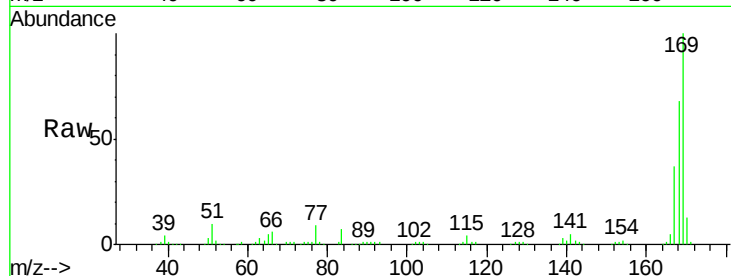
Tot Ion:169 Resp: 288941

Ion Ratio Lower Upper

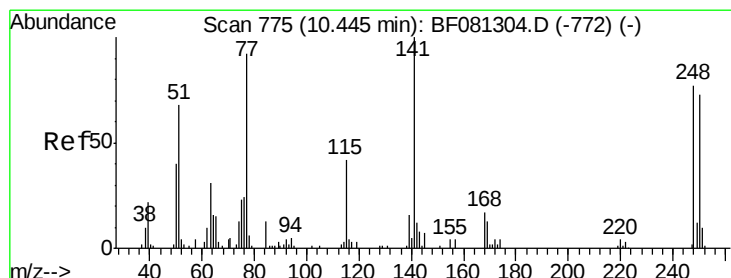
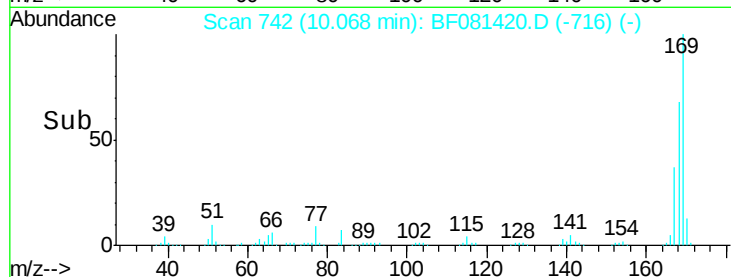
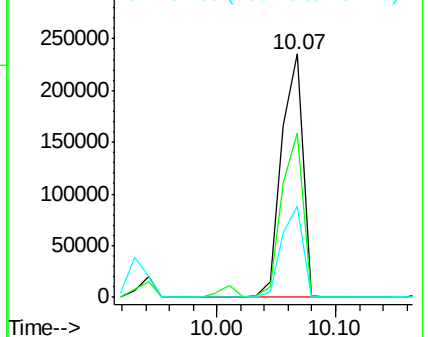
169 100

168 67.5 48.9 73.3

167 37.5 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.74 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

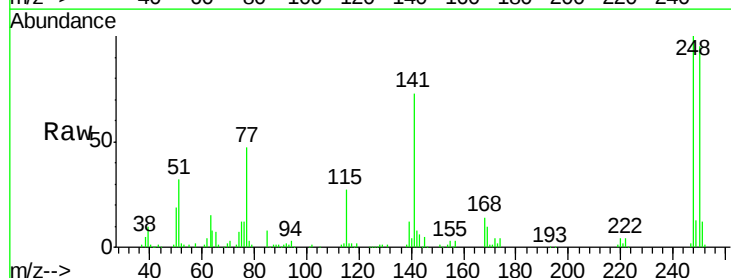
Tgt Ion:248 Resp: 90972

Ion Ratio Lower Upper

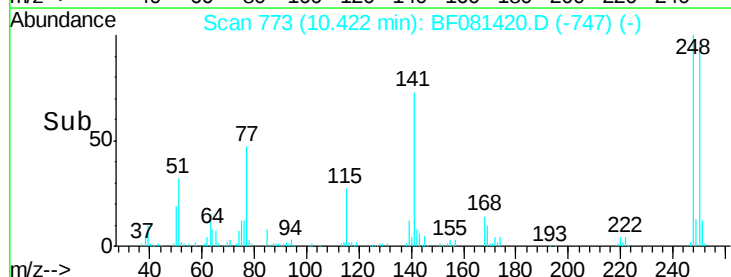
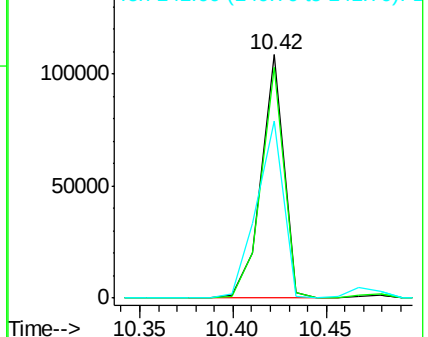
248 100

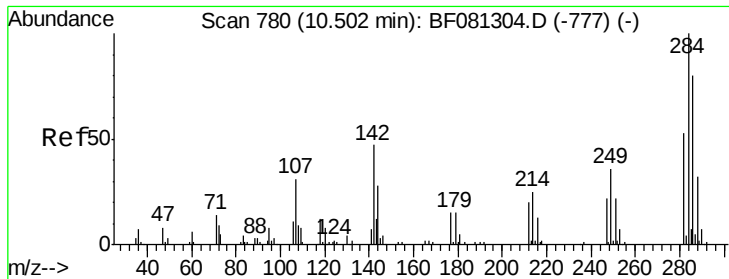
250 95.0 78.5 117.7

141 72.6 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

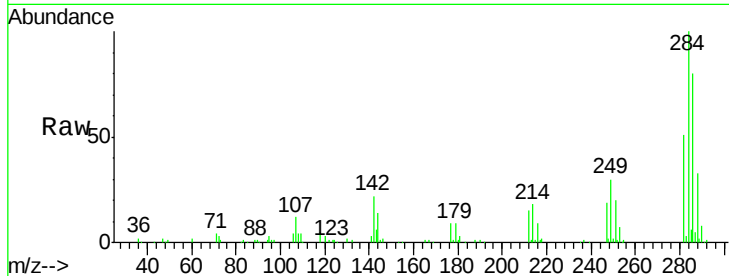




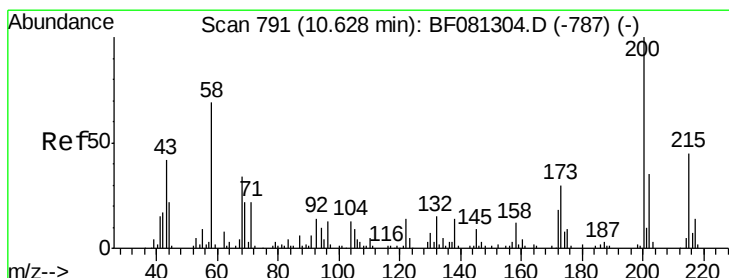
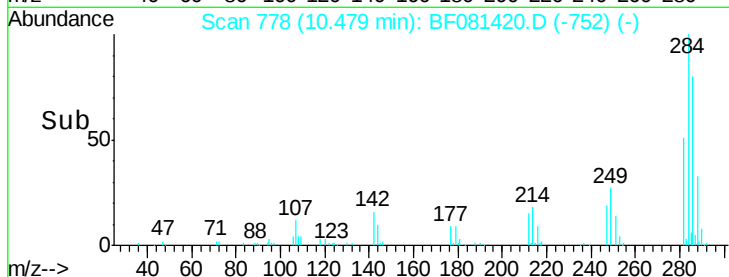
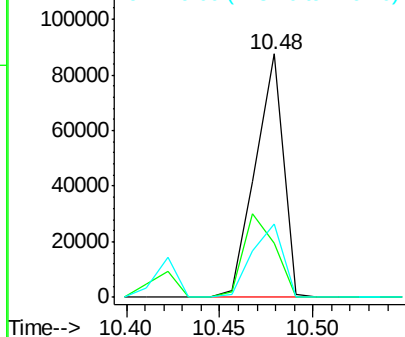
#67
Hexachlorobenzene
Concen: 36.06 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 90881
Ion Ratio Lower Upper
284 100
142 22.2 29.5 44.3#
249 30.3 19.5 29.3#

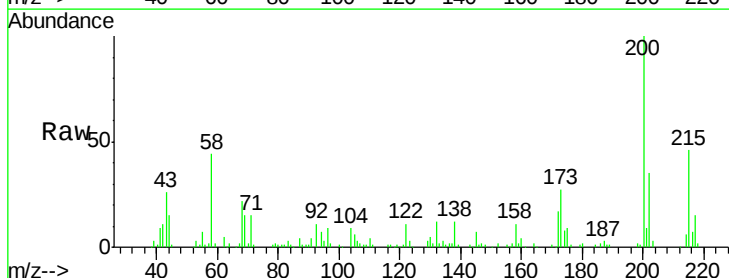


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

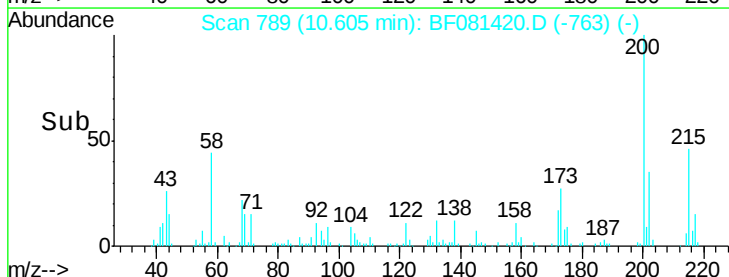
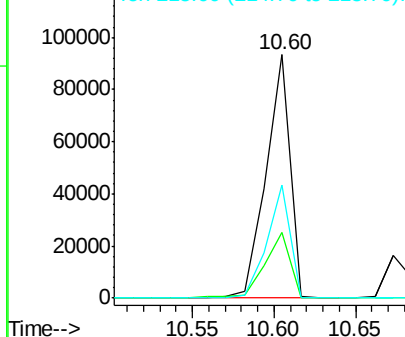


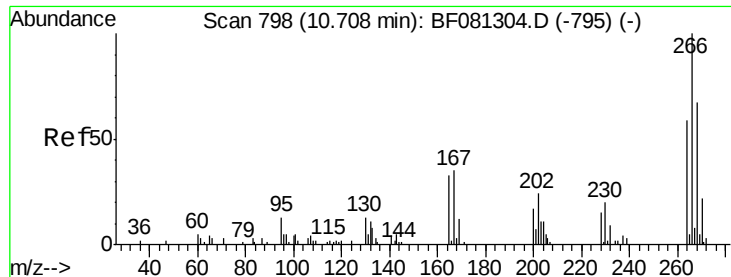
#68
Atrazine
Concen: 38.08 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:200 Resp: 95597
Ion Ratio Lower Upper
200 100
173 27.0 13.2 53.2
215 46.4 41.8 81.8



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

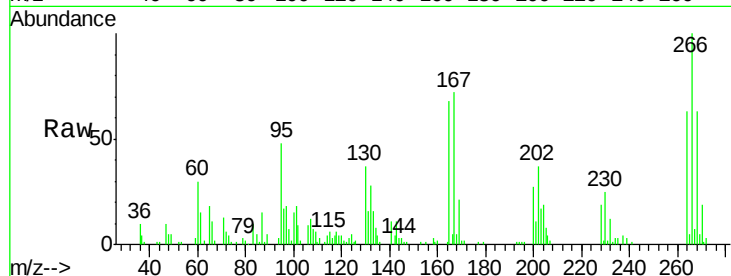




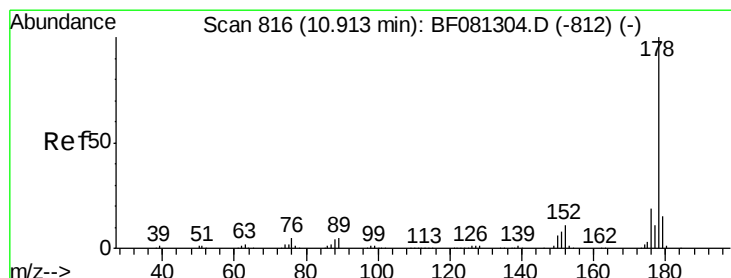
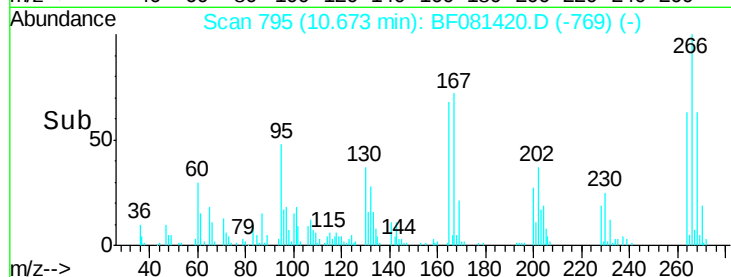
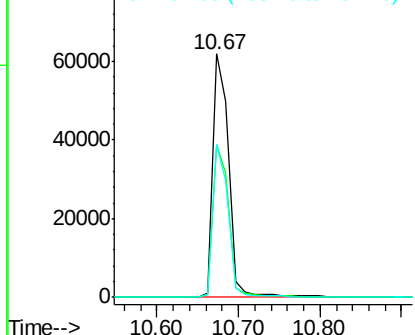
#69
 Pentachlorophenol
 Concen: 69.65 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 83904
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.8 74.6
 264 62.6 50.2 75.2

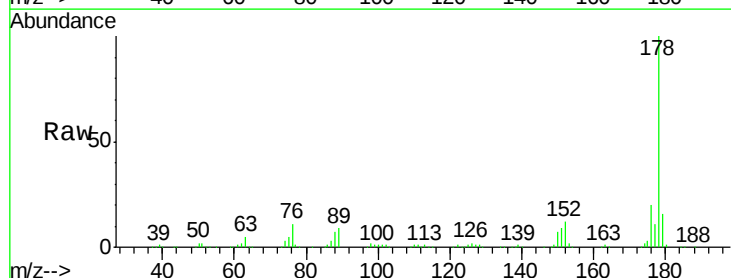


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

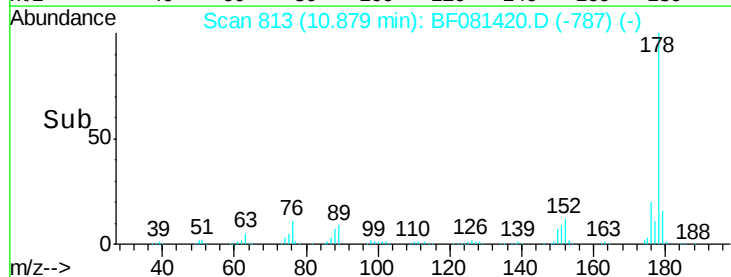
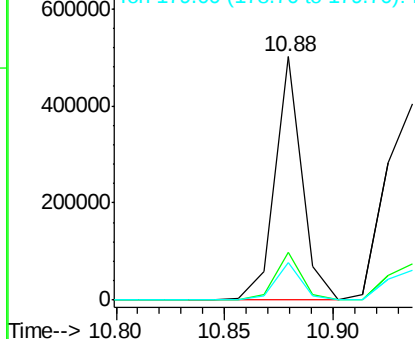


#70
 Phenanthrene
 Concen: 32.79 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:178 Resp: 434595
 Ion Ratio Lower Upper
 178 100
 176 19.8 13.8 20.8
 179 15.6 12.2 18.2



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

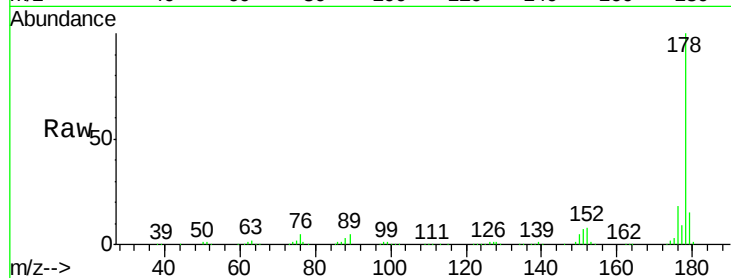




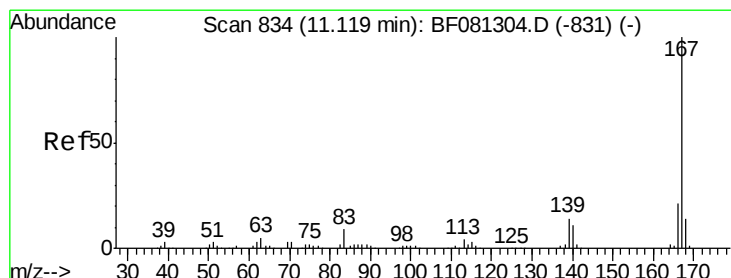
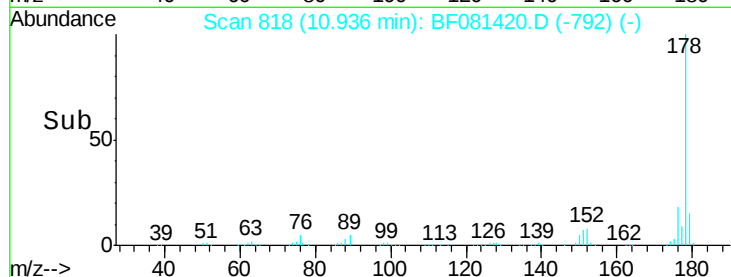
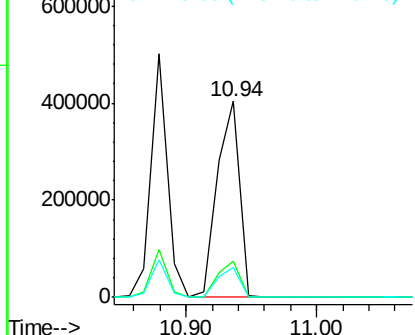
#71
 Anthracene
 Concen: 35.43 ng
 RT: 10.94 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 482416
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.1 21.1
 179 15.0 12.2 18.2

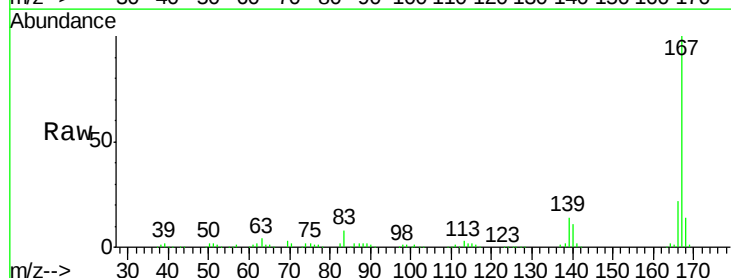


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

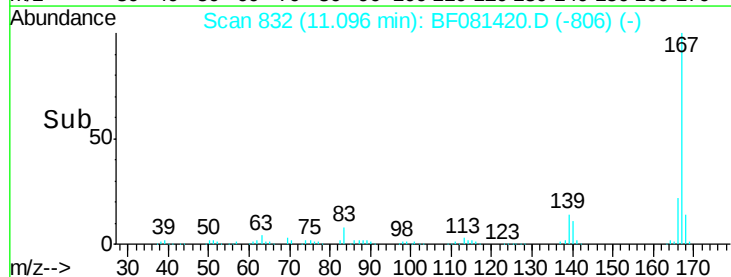
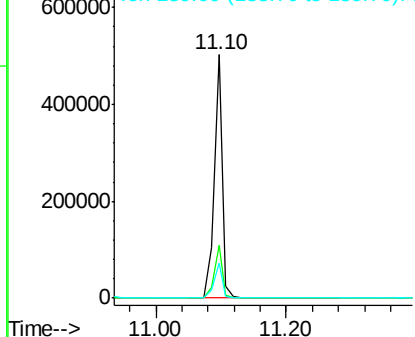


#72
 Carbazole
 Concen: 34.56 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:167 Resp: 441639
 Ion Ratio Lower Upper
 167 100
 166 21.7 15.7 23.5
 139 14.1 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 36.93 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

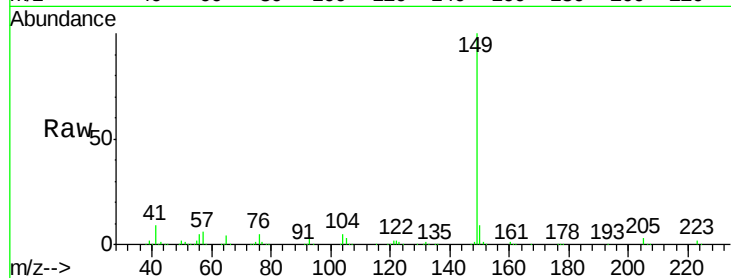
Tot Ion:149 Resp: 557319

Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

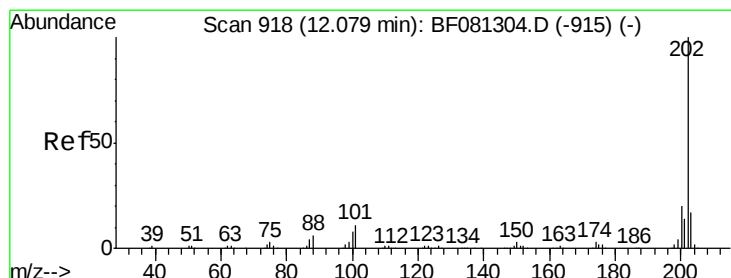
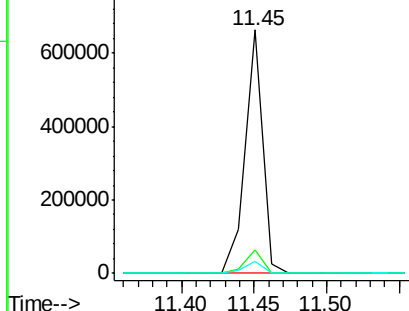
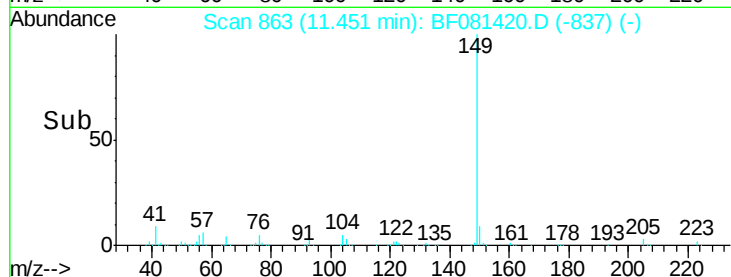
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.05 ng

RT: 12.06 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

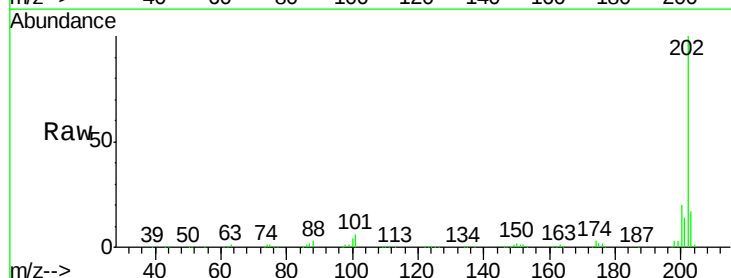
Tgt Ion:202 Resp: 474290

Ion Ratio Lower Upper

202 100

101 5.7 0.0 38.3

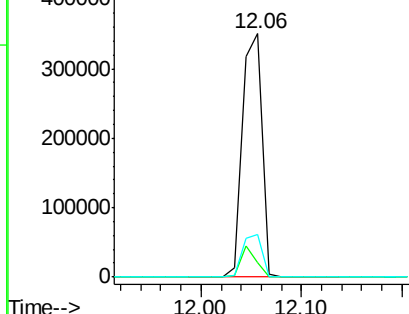
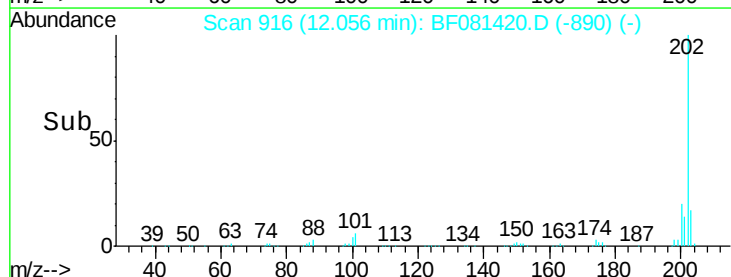
203 17.3 0.0 37.3

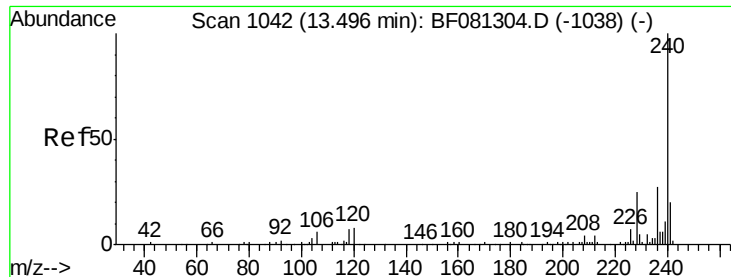


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

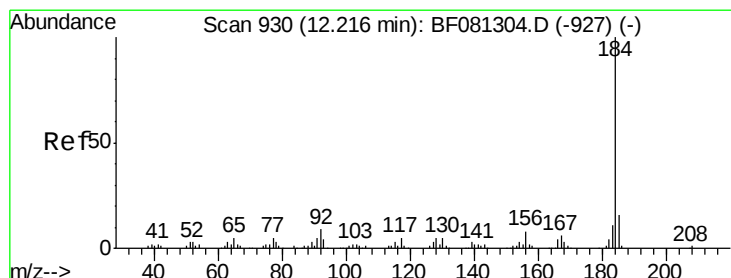
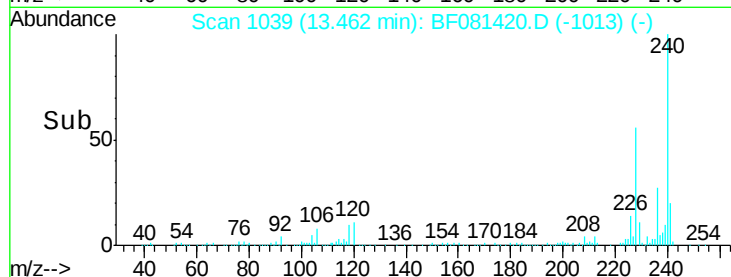
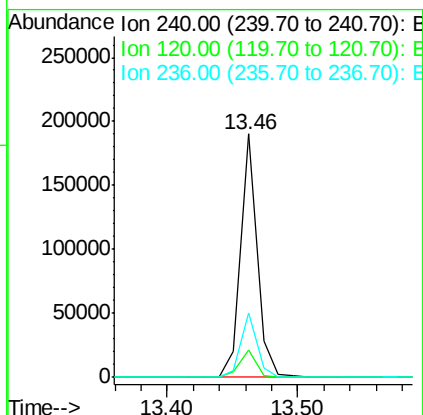
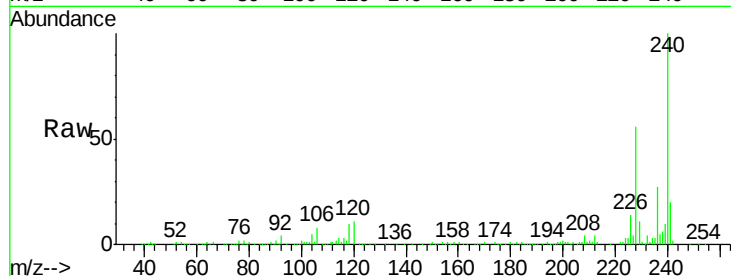




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

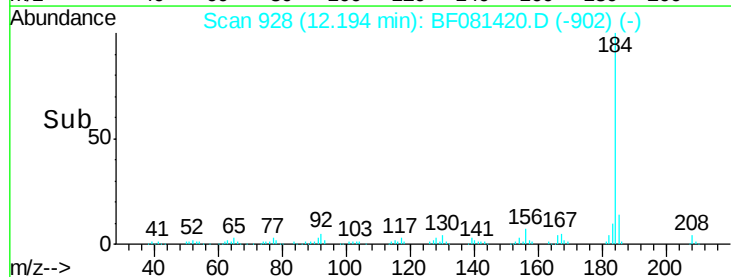
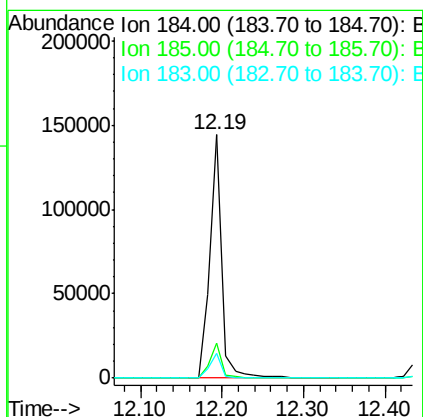
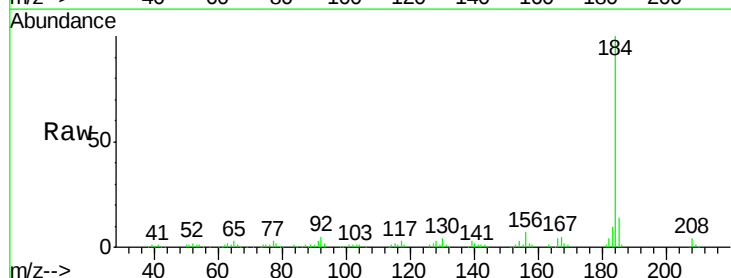
Instrument :
BNA_F
ClientSampleId :

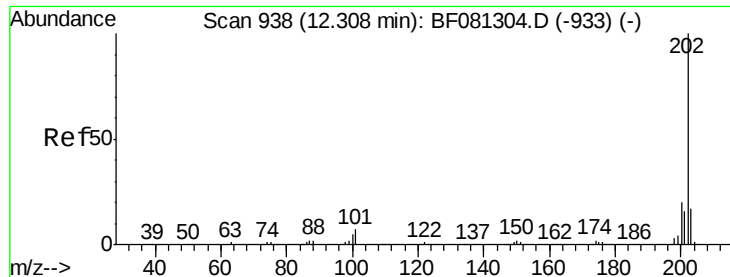
Tot Ion:240 Resp: 166702
Ion Ratio Lower Upper
240 100
120 11.3 16.2 24.2#
236 26.7 18.4 27.6



#76
Benzidine
Concen: 21.08 ng
RT: 12.19 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:184 Resp: 150825
Ion Ratio Lower Upper
184 100
185 14.2 11.8 17.6
183 10.3 7.6 11.4

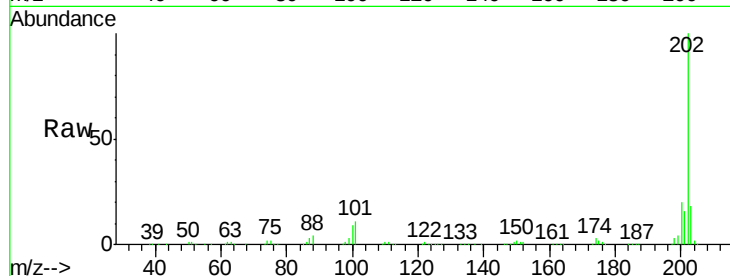




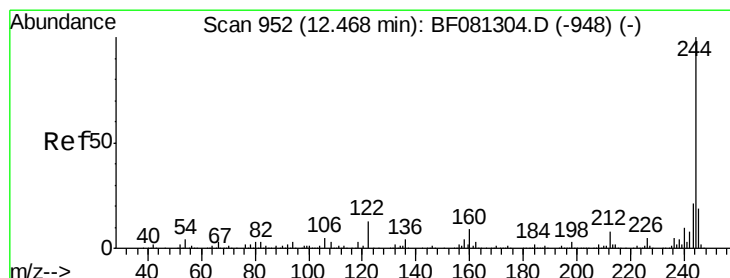
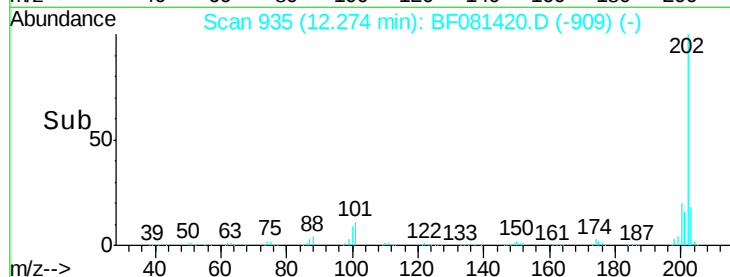
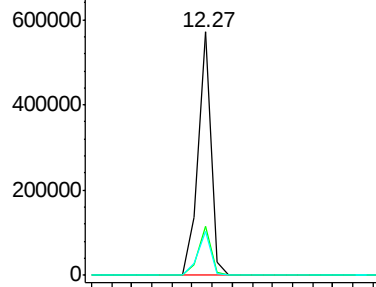
#77
Pvrene
Concen: 41.30 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	15.0	22.4
203	18.0	14.1	21.1

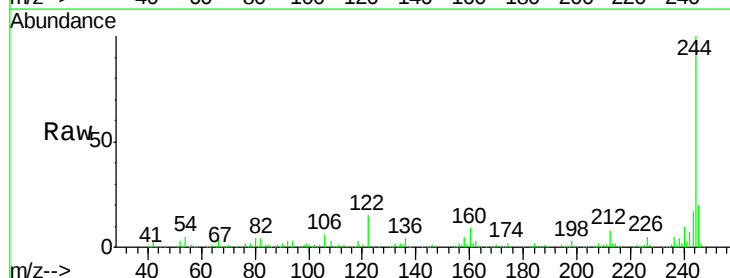


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

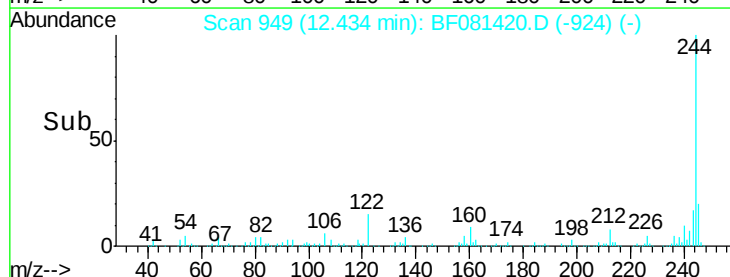
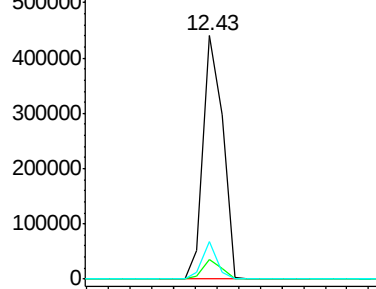


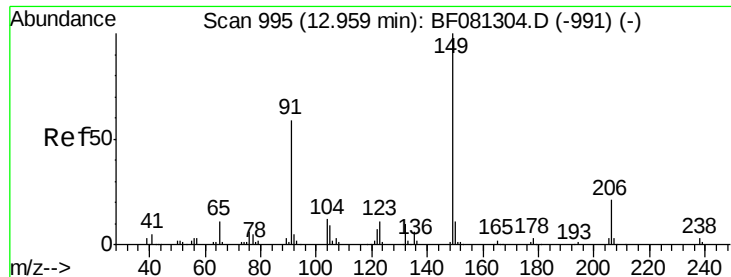
#78
Terphenyl-d14
Concen: 76.38 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	15.3	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

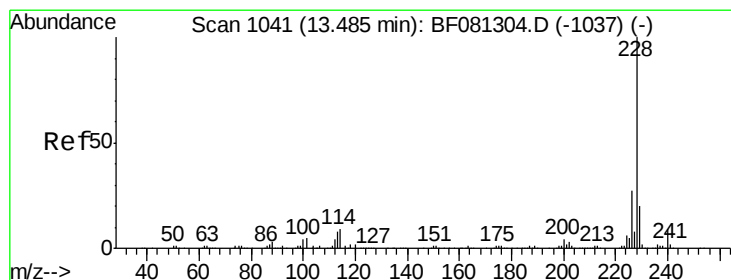
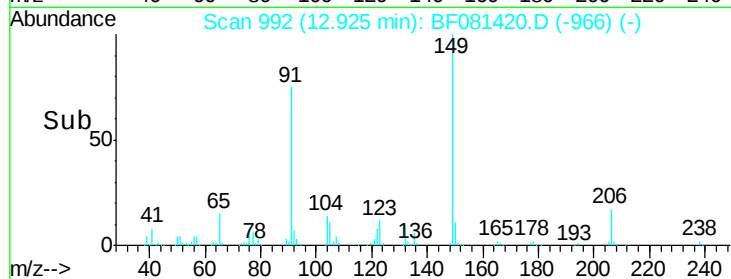
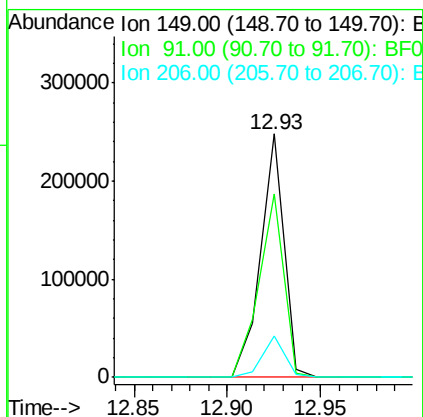
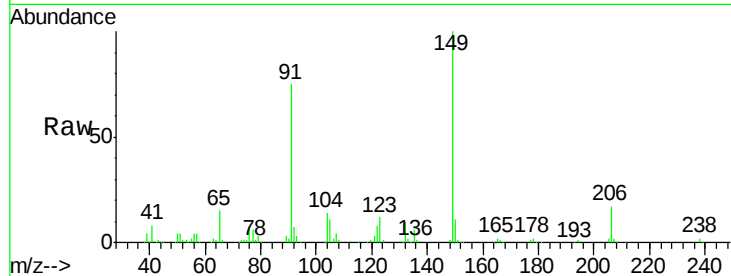




#79
Butylbenzylphthalate
Concen: 39.89 ng
RT: 12.93 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

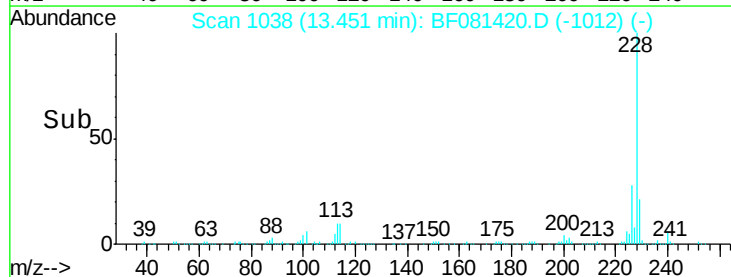
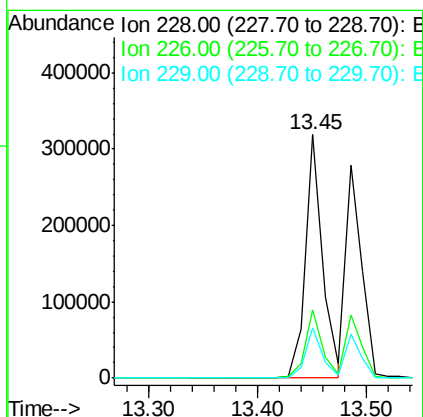
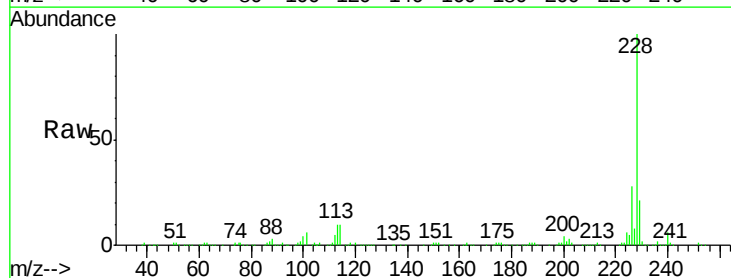
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 214201
Ion Ratio Lower Upper
149 100
91 75.4 48.6 72.8#
206 16.8 14.9 22.3



#80
Benzo(a)anthracene
Concen: 33.22 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:228 Resp: 352638
Ion Ratio Lower Upper
228 100
226 28.0 20.0 30.0
229 20.6 15.4 23.2

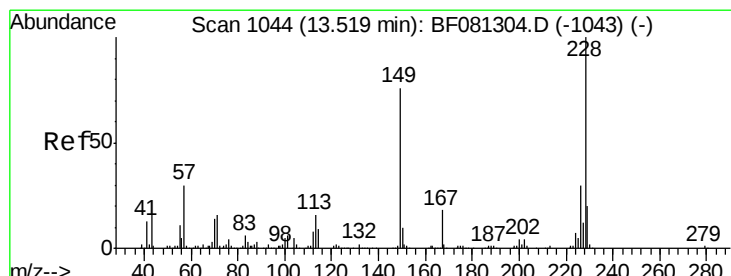
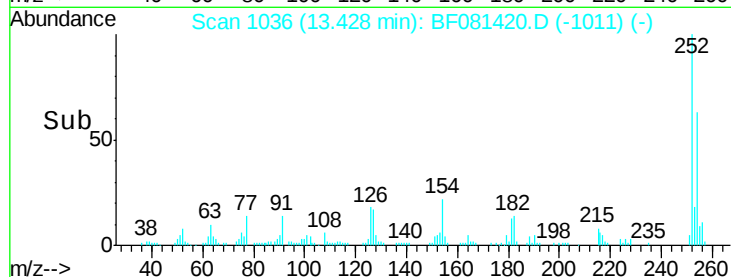
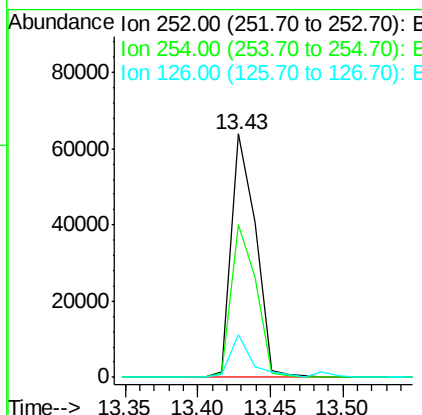
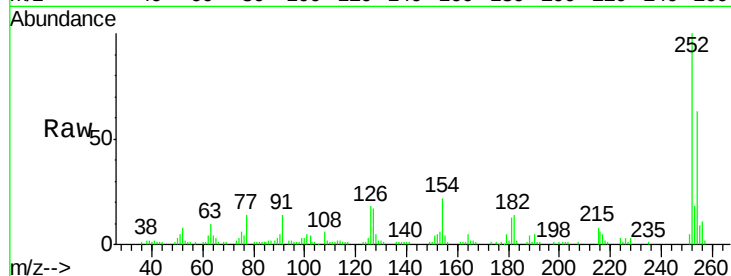




#81
 3,3'-Dichlorobenzidine
 Concen: 20.86 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

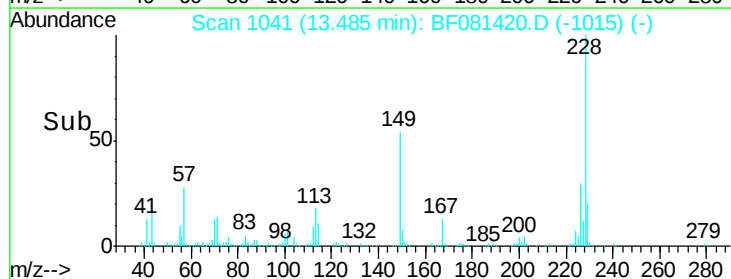
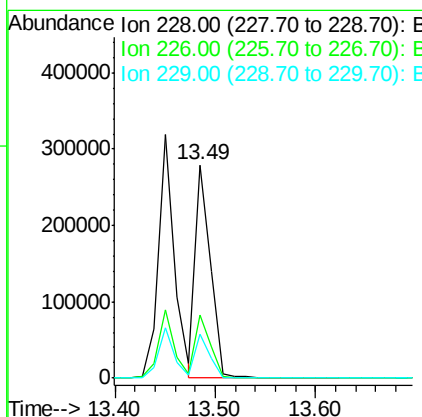
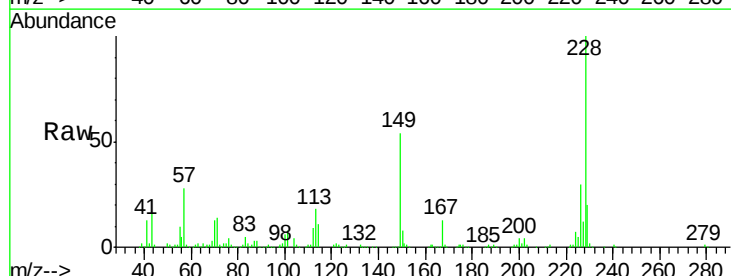
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 74715
 Ion Ratio Lower Upper
 252 100
 254 62.5 51.4 77.2
 126 17.6 16.4 24.6



#82
 Chrysene
 Concen: 31.12 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:228 Resp: 296148
 Ion Ratio Lower Upper
 228 100
 226 29.7 21.0 31.4
 229 20.4 15.6 23.4

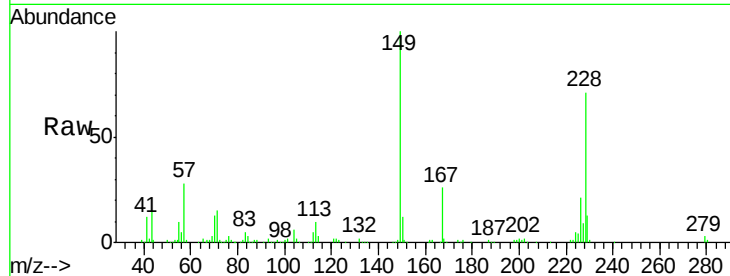




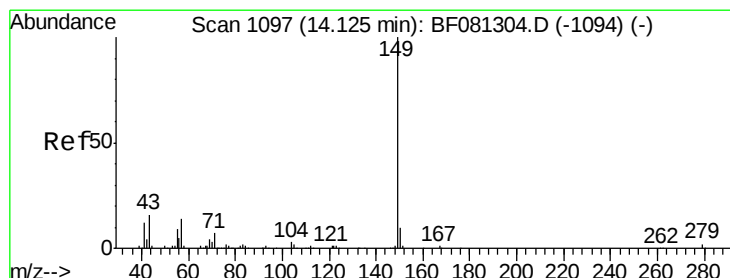
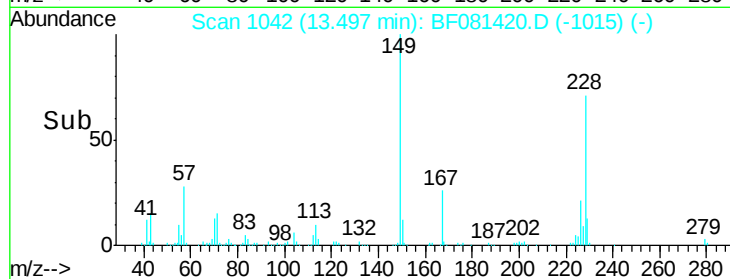
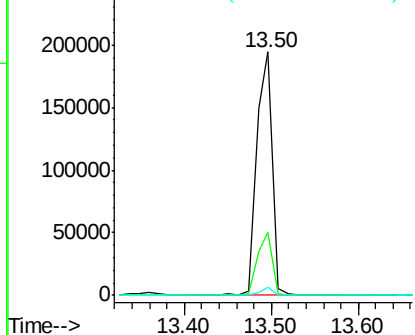
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.74 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 246232
 Ion Ratio Lower Upper
 149 100
 167 26.1 24.2 36.2
 279 3.1 3.8 5.6#

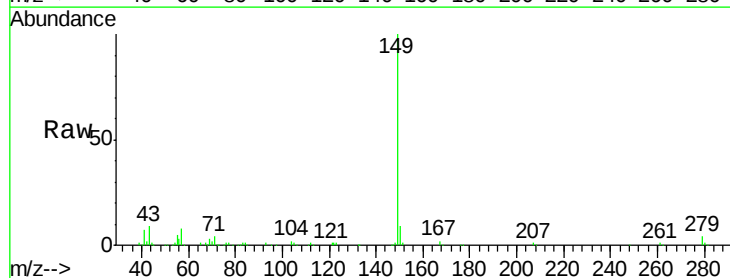


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

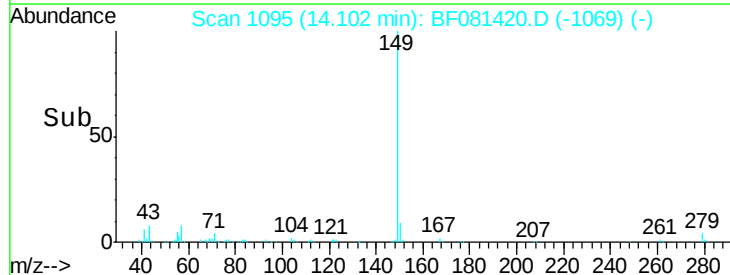
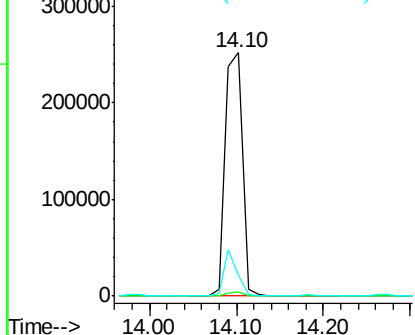


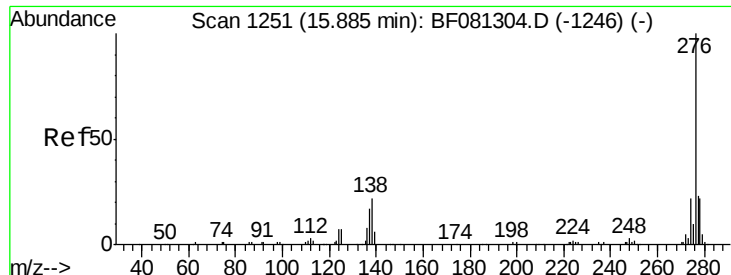
#84
 Di-n-octyl phthalate
 Concen: 29.98 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:149 Resp: 349847
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 14.4 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

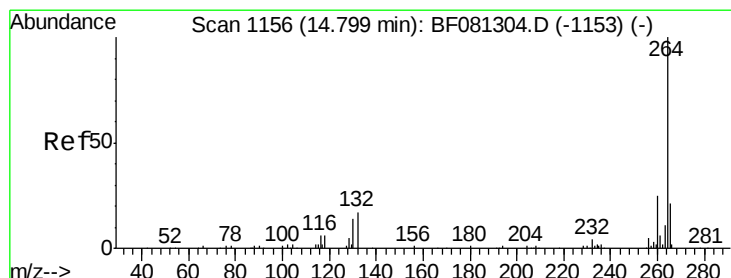
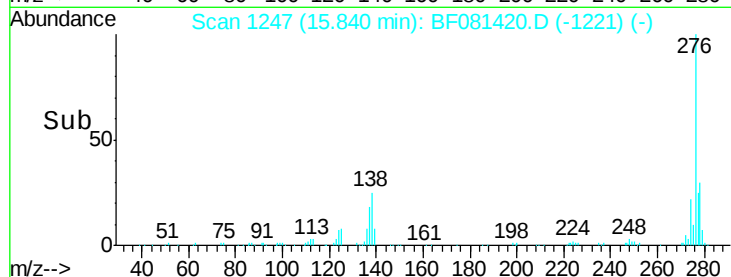
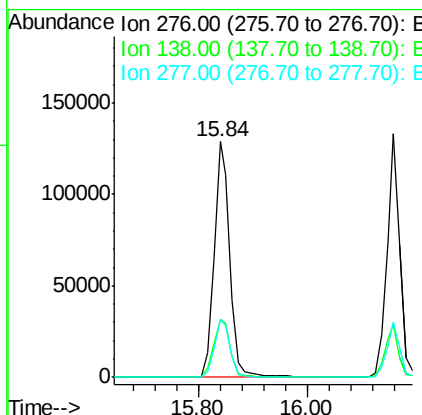
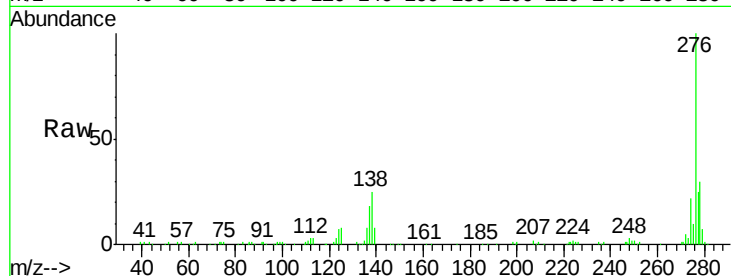




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.54 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

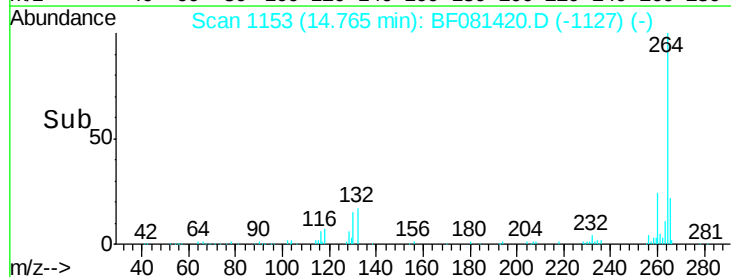
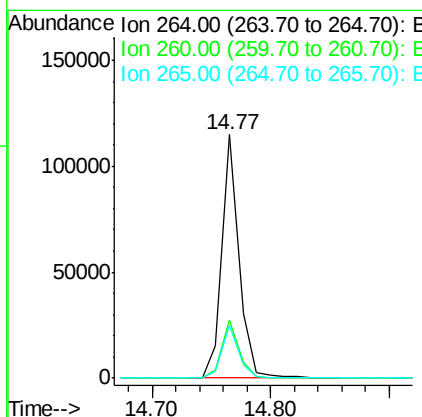
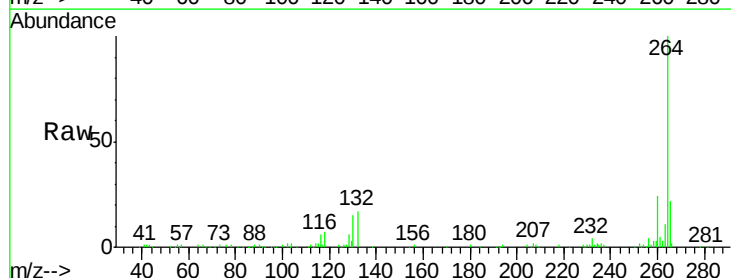
Instrument :
 BNA_F
 ClientSampleId :

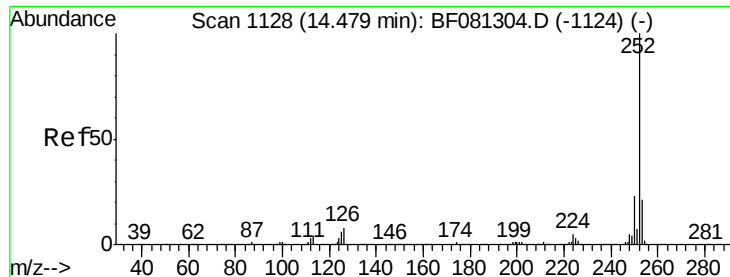
Tot Ion:276 Resp: 262137
 Ion Ratio Lower Upper
 276 100
 138 26.2 25.7 38.5
 277 24.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Tgt Ion:264 Resp: 114283
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.6 17.2 25.8

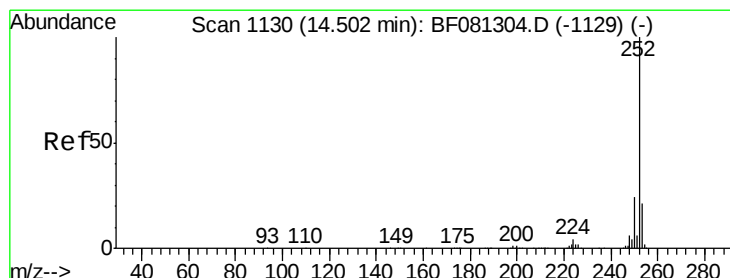
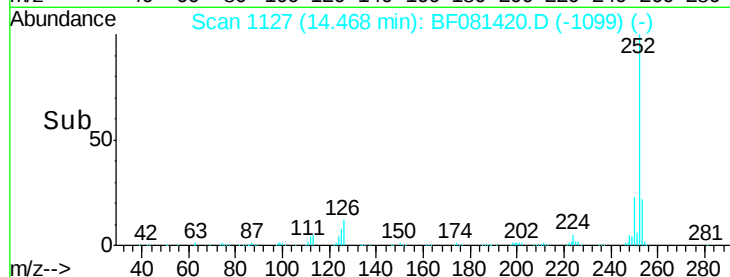
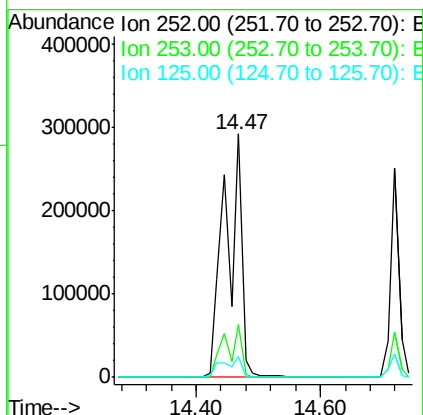
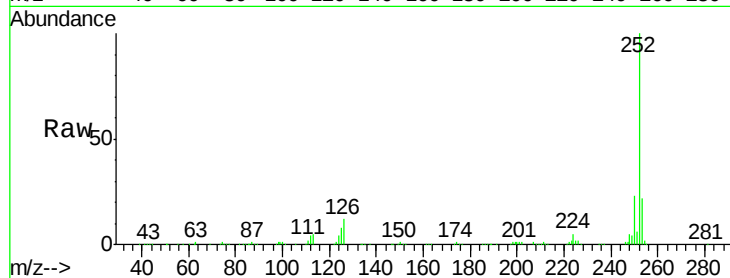




#87
Benzo(b)fluoranthene
Concen: 65.52 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

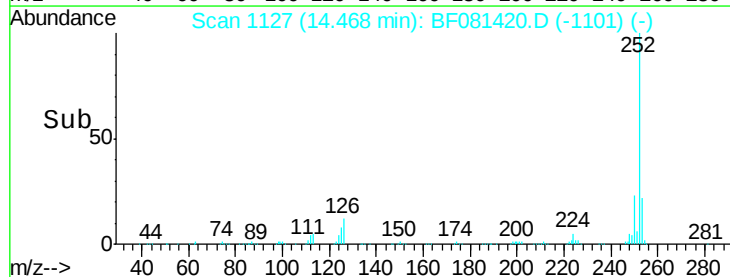
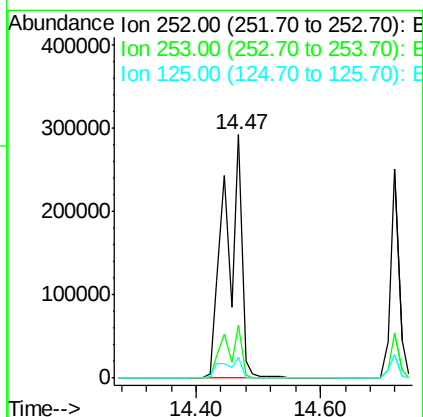
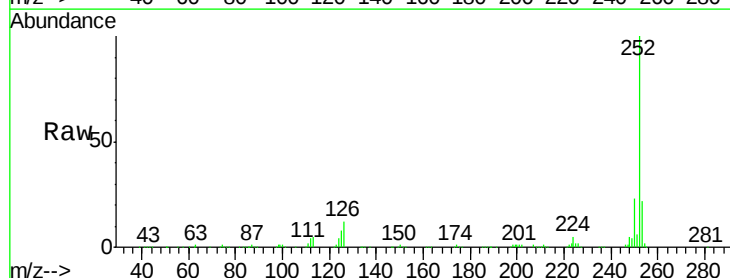
Instrument :
BNA_F
ClientSampleId :

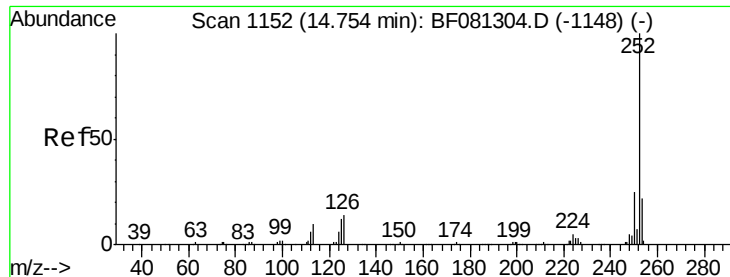
Tot Ion:252 Resp: 534556
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.4 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 78.96 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF081420.D
Acq: 4 Sep 2015 15:41

Tgt Ion:252 Resp: 534556
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.4 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 35.46 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

Instrument :

BNA_F

ClientSampleId :

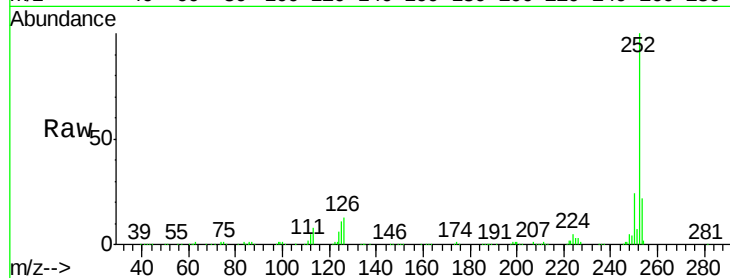
Tot Ion:252 Resp: 245165

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

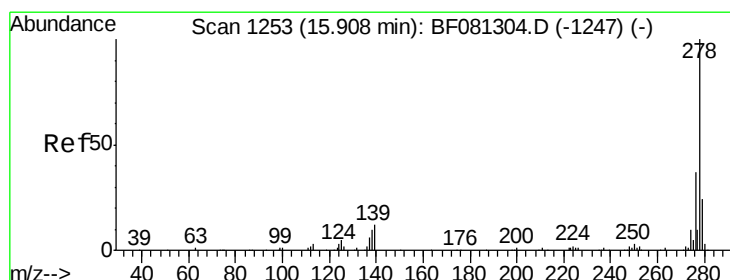
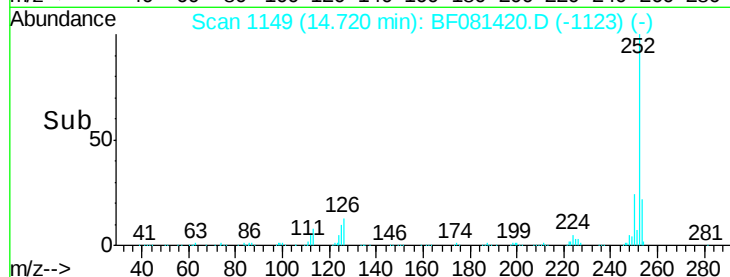
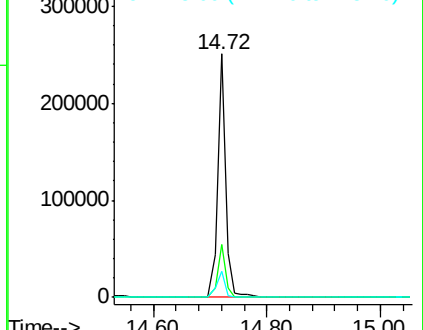
125 10.9 18.0 27.0#



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: 41.06 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081420.D

Acq: 4 Sep 2015 15:41

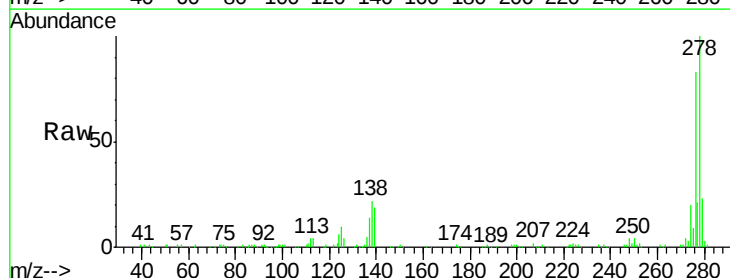
Tgt Ion:278 Resp: 219386

Ion Ratio Lower Upper

278 100

139 19.1 26.3 39.5#

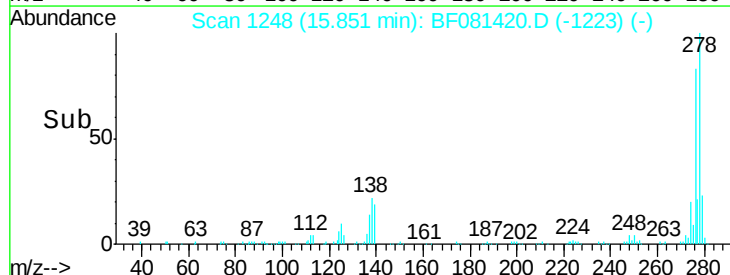
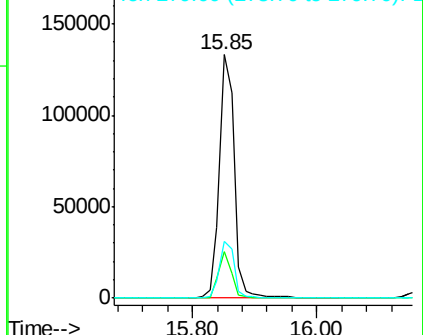
279 23.3 18.2 27.4

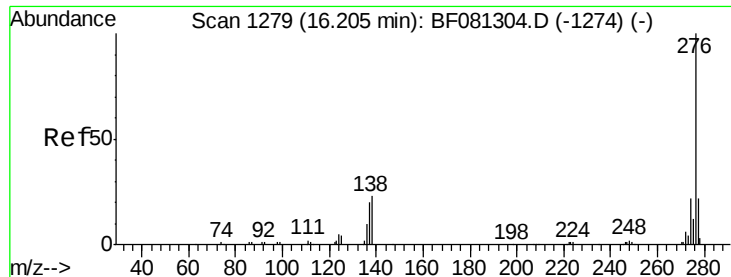


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.38 ng
 RT: 16.16 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF081420.D
 Acq: 4 Sep 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.8	26.6
138	21.8	34.6	51.8

