

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081304.D
 Acq On : 1 Sep 2015 15:13
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 15:54:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 15:44:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	53833	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	202780	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	95351	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	186659	20.00	ng	0.00
75) Chrysene-d12	13.50	240	163650	20.00	ng	0.00
86) Perylene-d12	14.80	264	111910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	265297	38.52	ng	0.00
7) Phenol-d6	6.06	99	373171	39.97	ng	0.00
23) Nitrobenzene-d5	6.97	82	344128	40.84	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	70950	42.27	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	621639	39.14	ng	0.00
78) Terphenyl-d14	12.47	244	463798	34.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.72	88	61473	39.89	ng	95
3) Pyridine	2.27	79	198107	48.78	ng	# 88
4) n-Nitrosodimethylamine	2.24	42	100879	43.96	ng	# 76
6) Aniline	6.04	93	259416	39.38	ng	# 75
8) 2-Chlorophenol	6.17	128	152582	40.10	ng	# 82
9) Benzaldehyde	5.92	77	115461	39.46	ng	# 68
10) Phenol	6.07	94	235103	43.47	ng	# 58
11) bis(2-Chloroethyl)ether	6.15	93	154739	40.36	ng	98
12) 1,3-Dichlorobenzene	6.33	146	160246	39.76	ng	# 95
13) 1,4-Dichlorobenzene	6.41	146	165476	39.97	ng	# 93
14) 1,2-Dichlorobenzene	6.41	146	165476	42.53	ng	95
15) Benzyl Alcohol	6.56	79	159893	42.39	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	282257	36.85	ng	88
17) 2-Methylphenol	6.68	107	124170	41.03	ng	# 79
18) Hexachloroethane	6.90	117	64911	39.64	ng	89
19) n-Nitroso-di-n-propylamine	6.83	70	119477	38.46	ng	# 85
20) 3+4-Methylphenols	6.84	107	162716	39.15	ng	88
22) Acetophenone	6.82	105	229199	41.48	ng	# 78
24) Nitrobenzene	6.99	77	183328	41.75	ng	# 76
25) Isophorone	7.23	82	309416	40.32	ng	# 82
26) 2-Nitrophenol	7.30	139	72774	39.95	ng	# 16
27) 2,4-Dimethylphenol	7.37	122	147539	45.48	ng	# 78
28) bis(2-Chloroethoxy)methane	7.46	93	203441	44.90	ng	# 92
29) 2,4-Dichlorophenol	7.55	162	118063	41.43	ng	91
30) 1,2,4-Trichlorobenzene	7.63	180	130650	43.31	ng	99
31) Naphthalene	7.70	128	434408	38.79	ng	98
32) Benzoic acid	7.52	122	99527	45.98	ng	# 58
33) 4-Chloroaniline	7.77	127	201575	44.83	ng	# 90
34) Hexachlorobutadiene	7.83	225	72584	37.98	ng	98
35) Caprolactam	8.15	113	36722	42.31	ng	# 21
36) 4-Chloro-3-methylphenol	8.26	107	128009	40.39	ng	# 69
37) 2-Methylnaphthalene	8.39	142	263150	38.58	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	123732	38.31	ng	98
40) Hexachlorocyclopentadiene	8.55	237	60397	43.72	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	81520	39.90	nq	98
43) 2,4,5-Trichlorophenol	8.68	196	81520	38.15	nq	97
45) 1,1'-Biphenyl	8.86	154	314972	34.94	nq	94
46) 2-Chloronaphthalene	8.88	162	270454	40.30	nq	94
47) 2-Nitroaniline	8.98	65	106641	41.84	nq	# 58
48) Acenaphthylene	9.28	152	409777	35.06	nq	97
49) Dimethylphthalate	9.18	163	285408	36.06	nq	# 98
50) 2,6-Dinitrotoluene	9.23	165	71228	42.01	nq	# 65
51) Acenaphthene	9.45	154	228762	34.57	nq	89
52) 3-Nitroaniline	9.39	138	77802	38.15	nq	# 49
53) 2,4-Dinitrophenol	9.51	184	30168	52.61	nq	# 71
54) Dibenzofuran	9.62	168	342518	35.16	nq	# 84
55) 4-Nitrophenol	9.58	139	56119	47.32	nq	# 27
56) 2,4-Dinitrotoluene	9.63	165	86114	39.96	nq	# 97
57) Fluorene	9.96	166	300651	40.00	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	62492	39.46	nq	90
59) Diethylphthalate	9.87	149	312875	38.07	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	126614	34.56	nq	# 77
61) 4-Nitroaniline	10.00	138	72733	37.40	nq	# 26
62) Azobenzene	10.12	77	367363	40.28	nq	87
64) 4,6-Dinitro-2-methylphenol	10.03	198	48251	48.69	nq	95
65) n-Nitrosodiphenylamine	10.09	169	272676	38.84	nq	92
66) 4-Bromophenyl-phenylether	10.44	248	67367	35.60	nq	# 70
67) Hexachlorobenzene	10.50	284	73980	37.08	nq	# 80
68) Atrazine	10.63	200	76394	37.75	nq	84
69) Pentachlorophenol	10.71	266	30806	51.34	nq	94
70) Phenanthrene	10.91	178	428752	38.86	nq	98
71) Anthracene	10.96	178	414205	37.54	nq	98
72) Carbazole	11.12	167	375200	36.14	nq	95
73) Di-n-butylphthalate	11.47	149	445426	38.22	nq	# 98
74) Fluoranthene	12.08	202	420885	36.39	nq	91
76) Benzidine	12.22	184	246132	36.34	nq	96
77) Pyrene	12.31	202	470127	38.45	nq	98
79) Butylbenzylphthalate	12.96	149	191993	40.62	nq	97
80) Benzo(a)anthracene	13.49	228	403777	38.71	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	122312	36.62	nq	# 95
82) Chrysene	13.52	228	293987	31.66	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	241029	37.41	nq	# 89
84) Di-n-octyl phthalate	14.13	149	407009	38.99	nq	99
85) Indeno(1,2,3-cd)pyrene	15.89	276	249467	36.81	nq	# 87
87) Benzo(b)fluoranthene	14.50	252	613497	76.20	nq	# 84
88) Benzo(k)fluoranthene	14.50	252	613497	89.31	nq	# 84
89) Benzo(a)pyrene	14.75	252	255181	37.68	nq	# 88
90) Dibenzo(a,h)anthracene	15.91	278	209502	41.26	nq	# 77
91) Benzo(g,h,i)perylene	16.21	276	195471	40.31	nq	# 79

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampled :

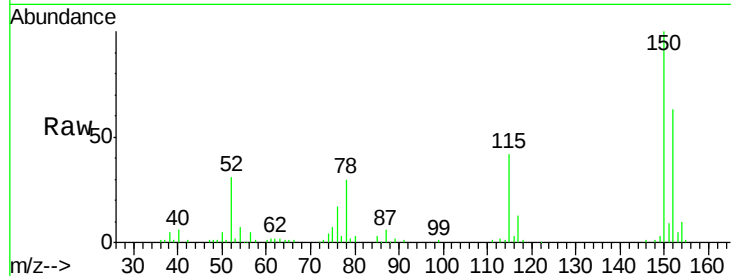
Tot Ion:152 Resp: 53833

Ion Ratio Lower Upper

152 100

150 159.9 124.7 187.1

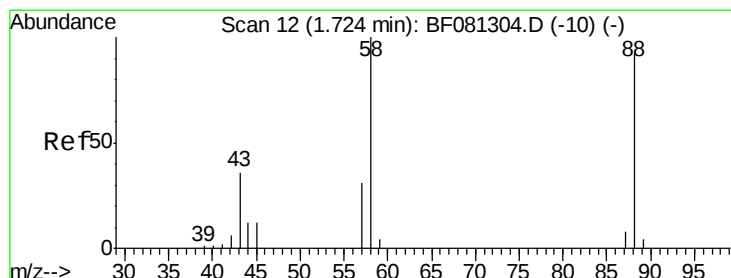
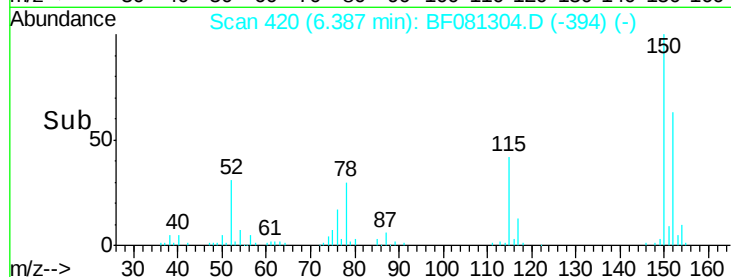
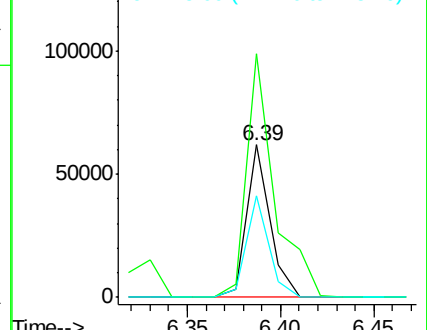
115 66.6 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.89 ng

RT: 1.72 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

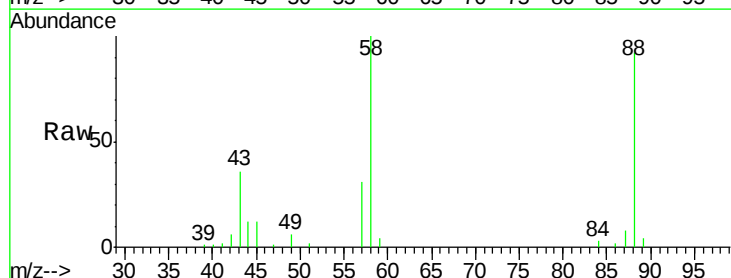
Tgt Ion: 88 Resp: 61473

Ion Ratio Lower Upper

88 100

58 101.1 77.7 116.5

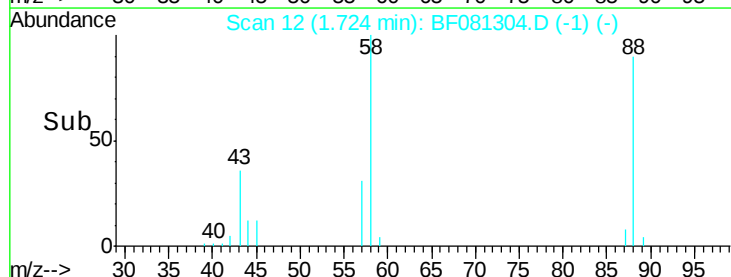
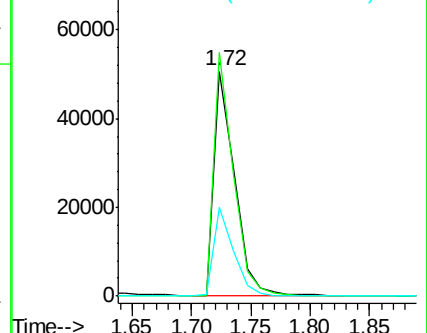
43 37.6 26.6 40.0

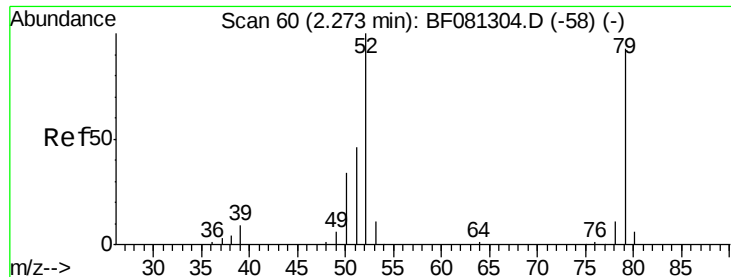


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 48.78 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

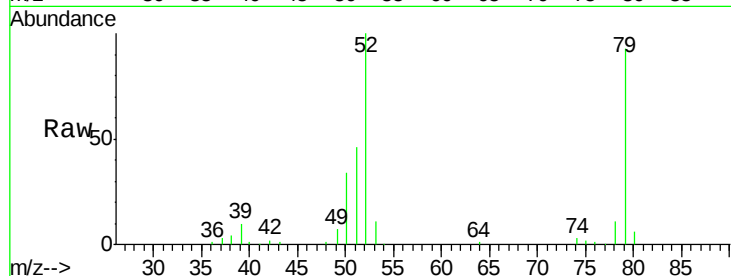
Tot Ion: 79 Resp: 198107

Ion Ratio Lower Upper

79 100

52 107.0 76.8 115.2

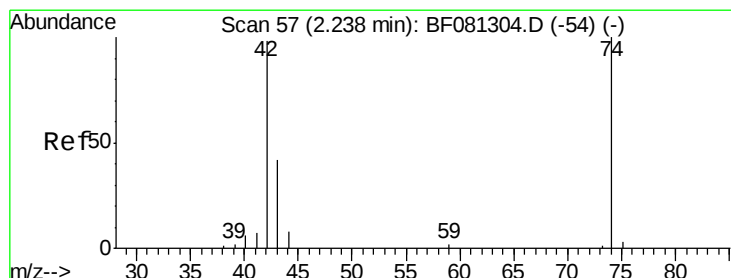
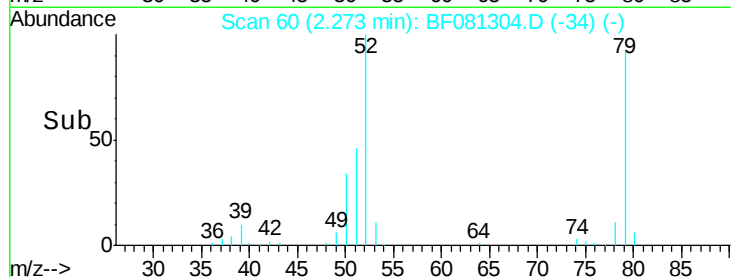
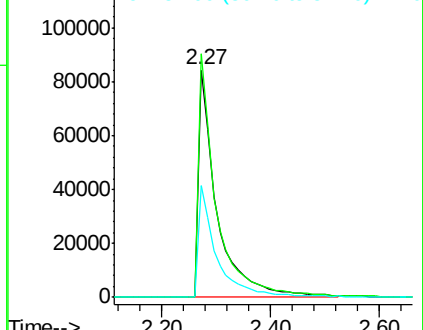
51 48.9 32.2 48.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 43.96 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

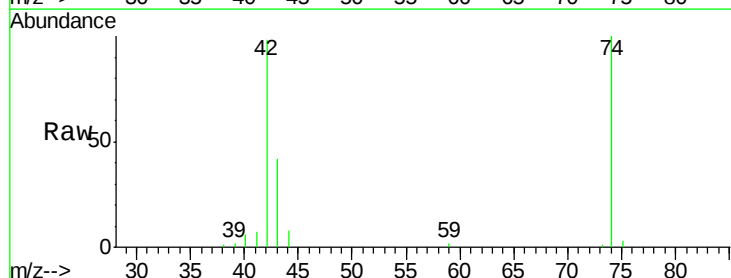
Tgt Ion: 42 Resp: 100879

Ion Ratio Lower Upper

42 100

74 102.1 105.0 157.6#

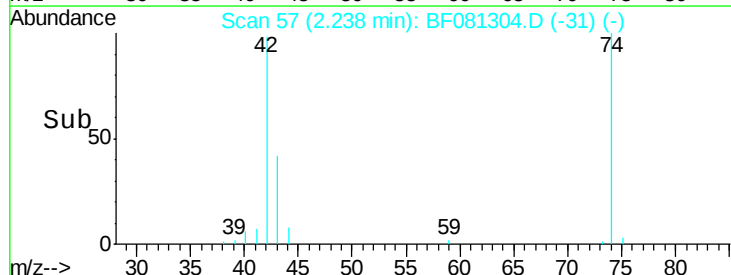
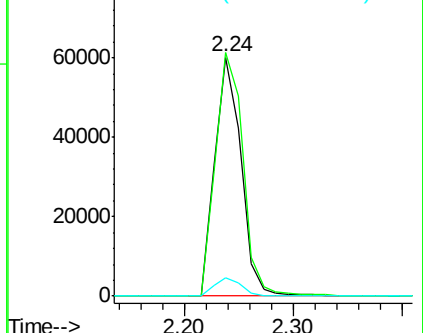
44 7.8 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 38.52 ng

RT: 4.92 min Scan# 292

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

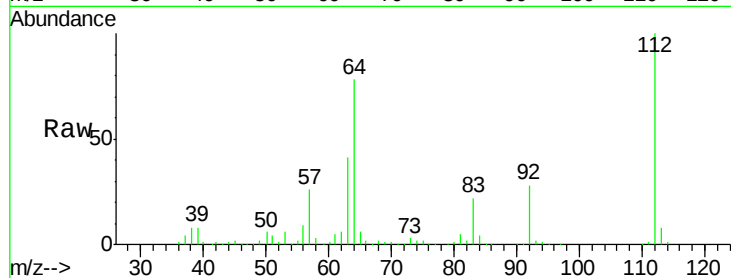
Tot Ion:112 Resp: 265297

Ion Ratio Lower Upper

112 100

64 77.6 39.7 59.5#

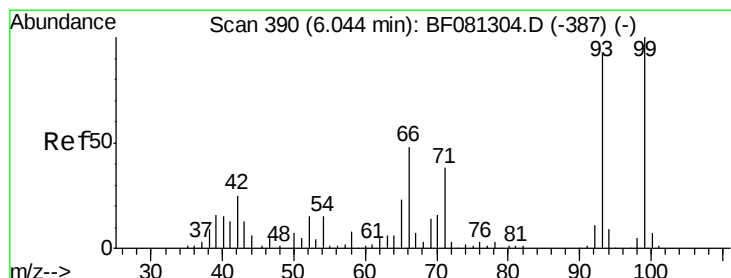
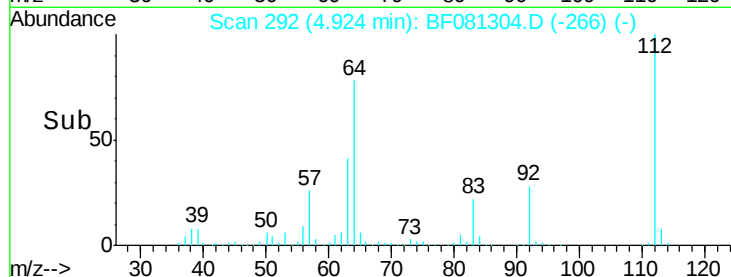
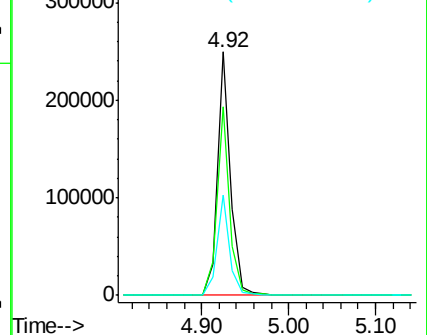
63 41.2 17.4 26.0#



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: 39.38 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

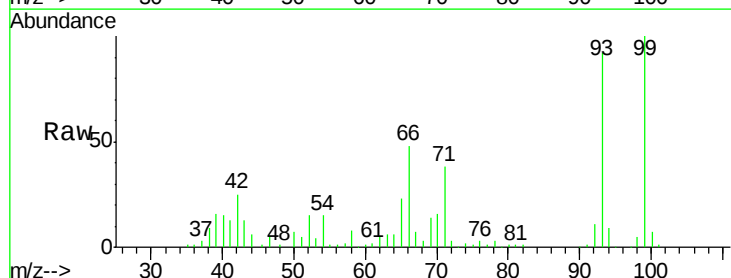
Tgt Ion: 93 Resp: 259416

Ion Ratio Lower Upper

93 100

66 51.8 27.2 40.8#

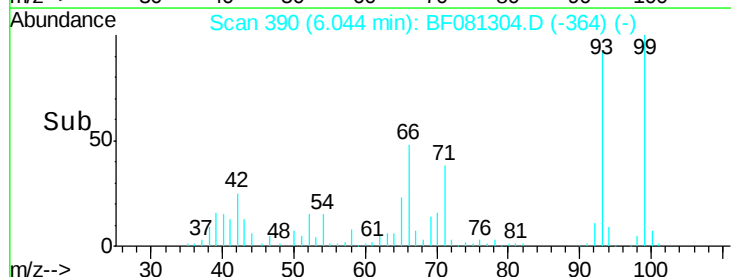
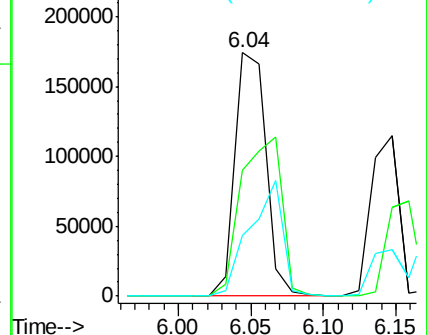
65 24.7 14.7 22.1#

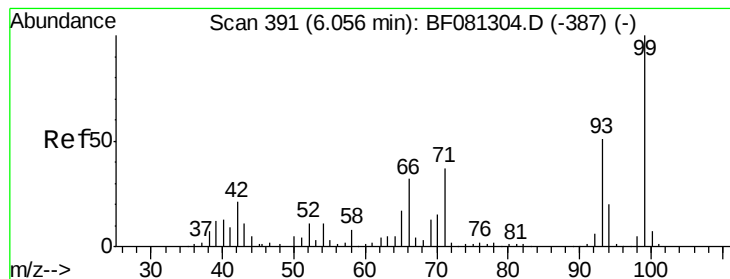


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 39.97 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampled :

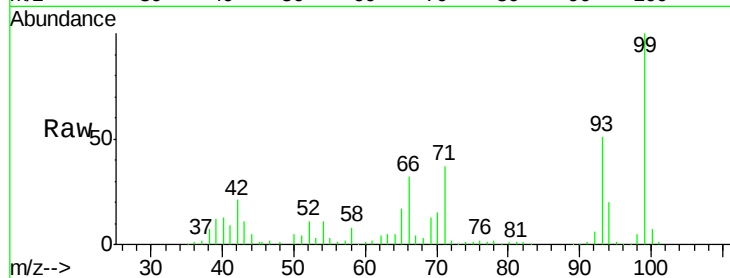
Tot Ion: 99 Resp: 373171

Ion Ratio Lower Upper

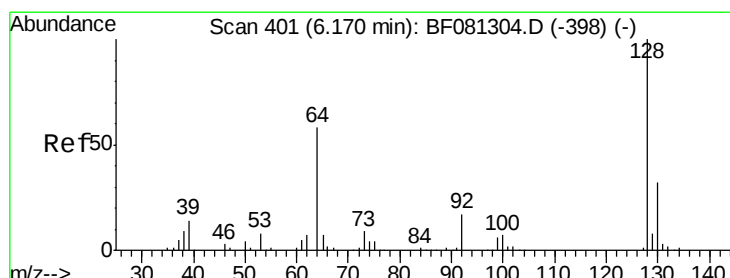
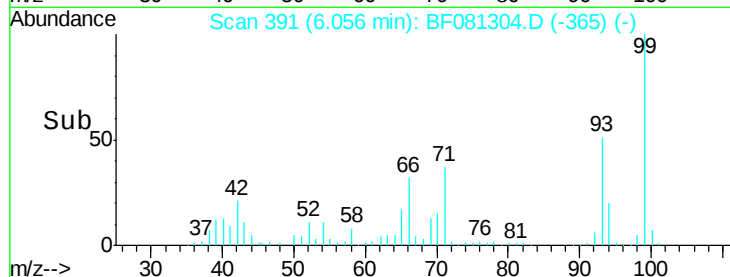
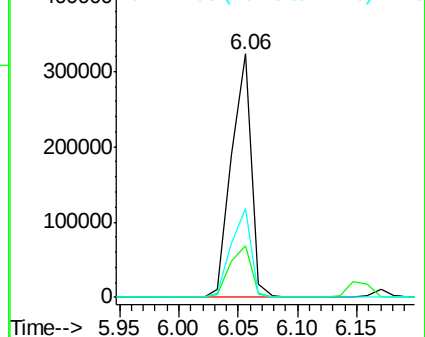
99 100

42 21.3 13.7 20.5#

71 36.5 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: 40.10 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

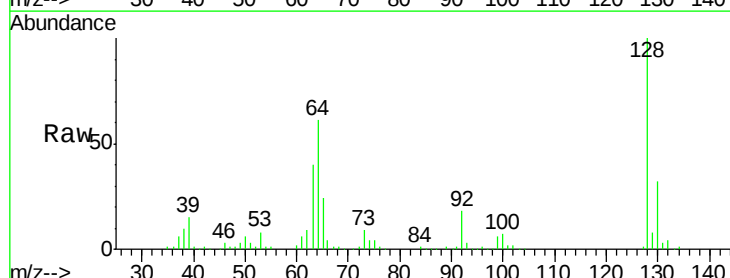
Tgt Ion: 128 Resp: 152582

Ion Ratio Lower Upper

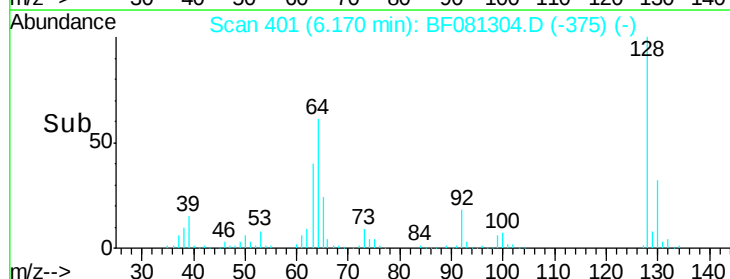
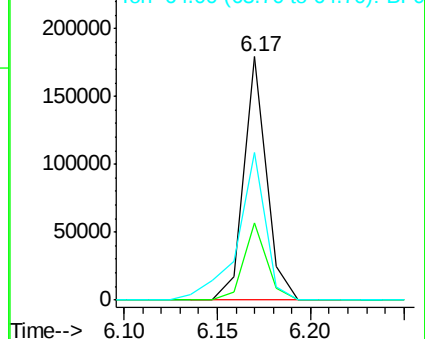
128 100

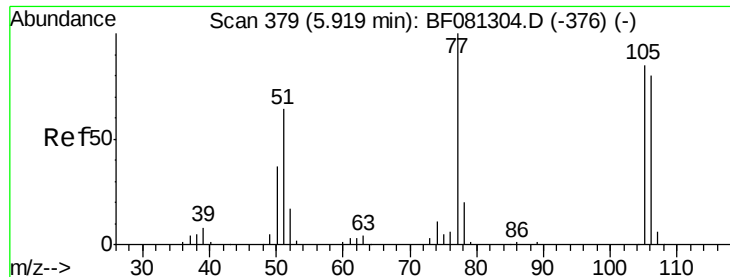
130 31.6 12.2 52.2

64 60.5 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: 39.46 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

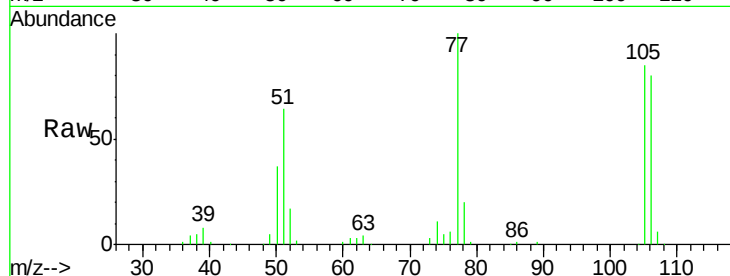
Tot Ion: 77 Resp: 115461

Ion Ratio Lower Upper

77 100

105 84.6 91.6 131.6#

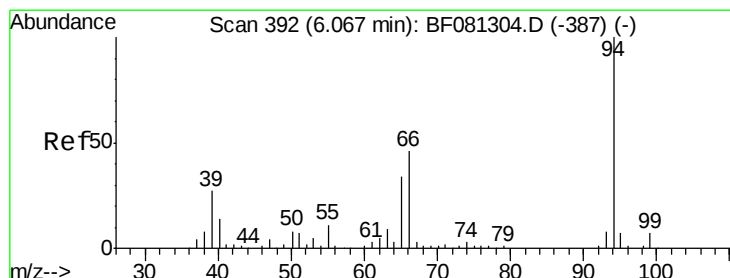
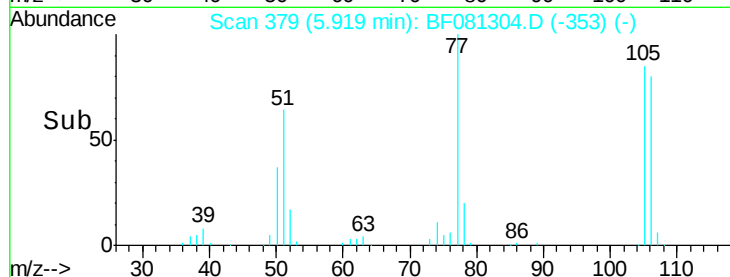
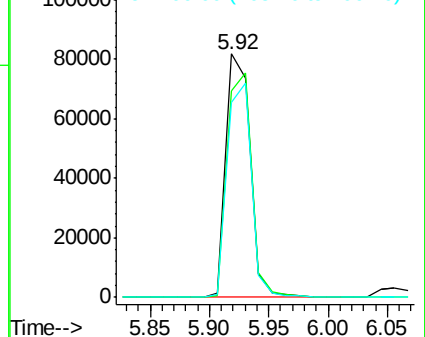
106 79.9 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.47 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

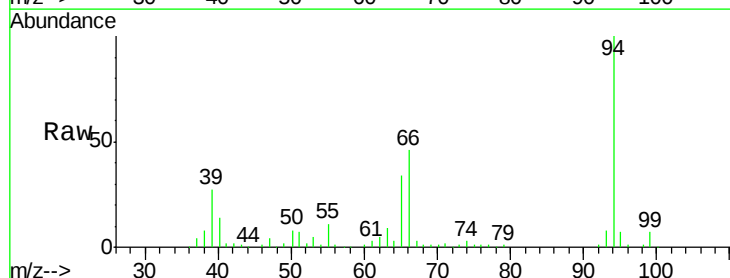
Tgt Ion: 94 Resp: 235103

Ion Ratio Lower Upper

94 100

65 33.8 0.7 40.7

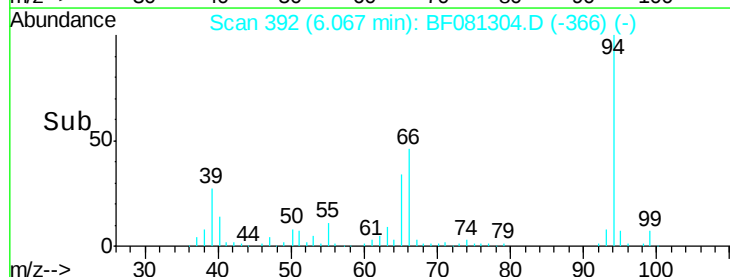
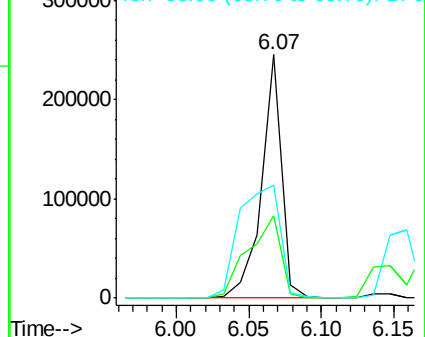
66 46.3 0.8 40.8#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.36 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

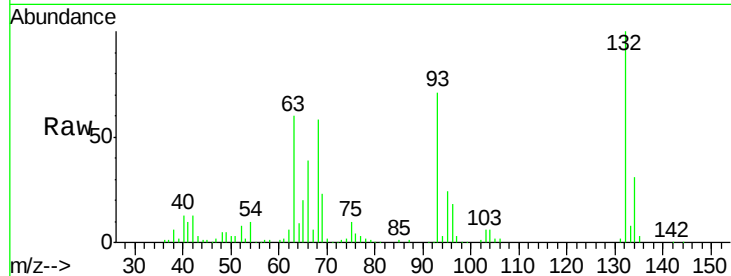
Tot Ion: 93 Resp: 154739

Ion Ratio Lower Upper

93 100

63 83.8 65.6 105.6

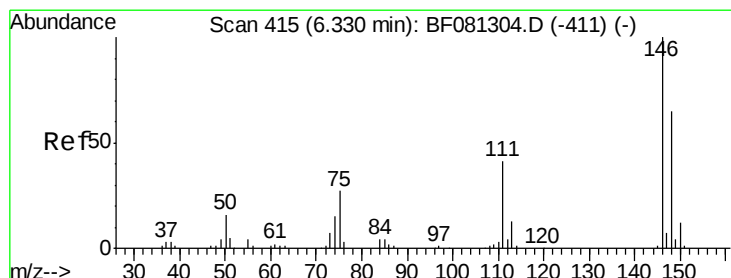
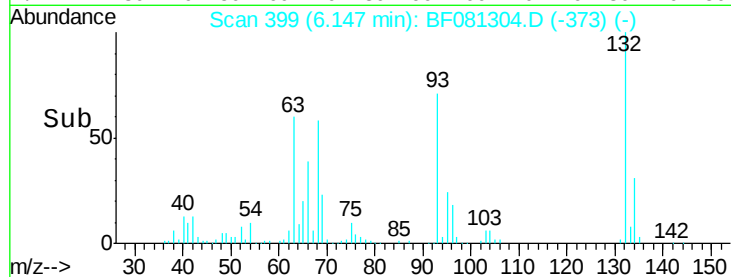
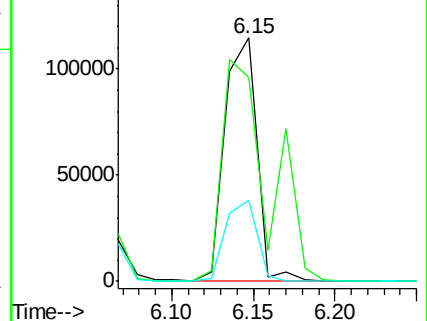
95 33.4 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.76 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

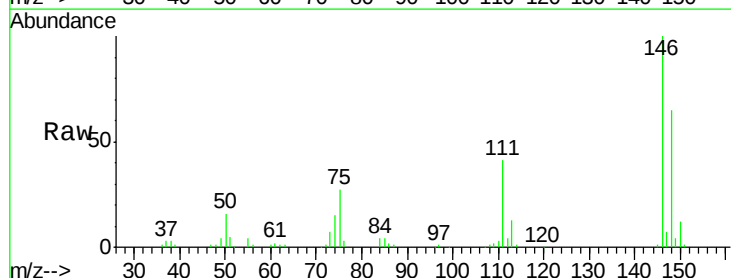
Tgt Ion: 146 Resp: 160246

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

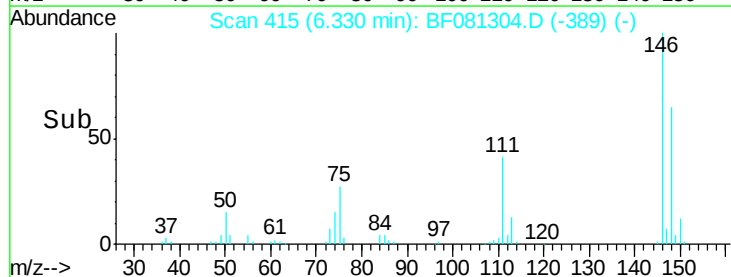
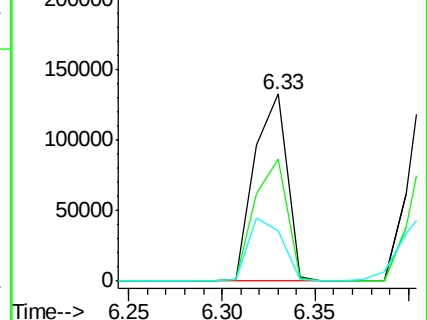
75 26.6 15.0 22.6#

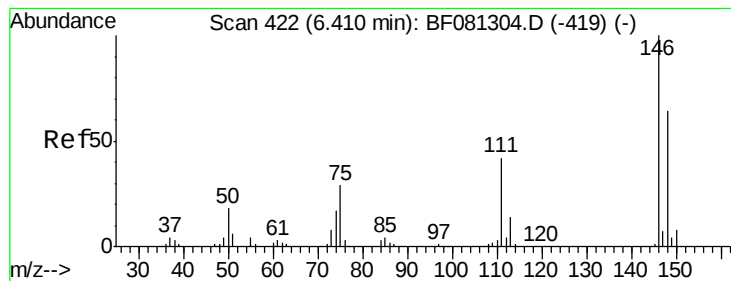


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 39.97 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

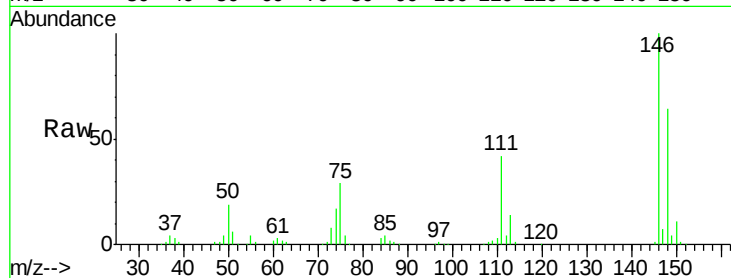
Tot Ion:146 Resp: 165476

Ion Ratio Lower Upper

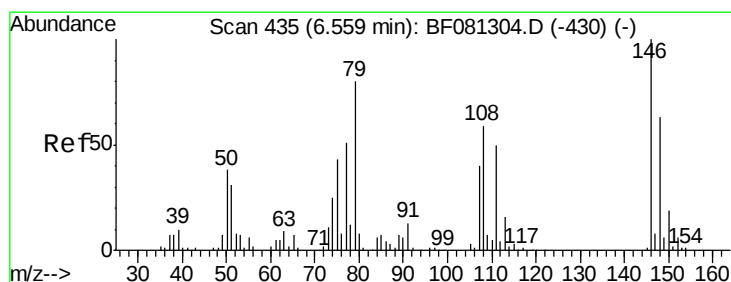
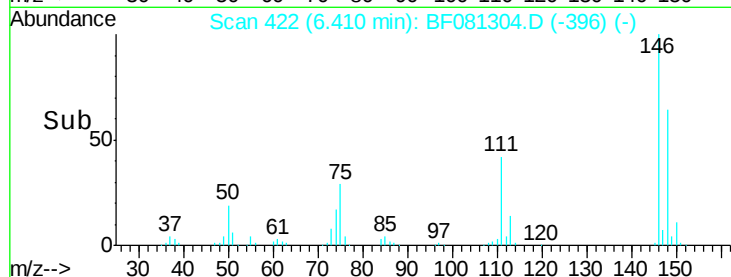
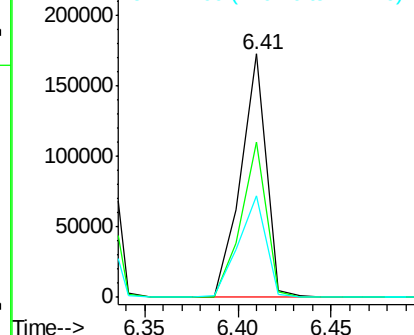
146 100

148 63.8 51.8 77.6

111 41.9 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.53 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.15 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

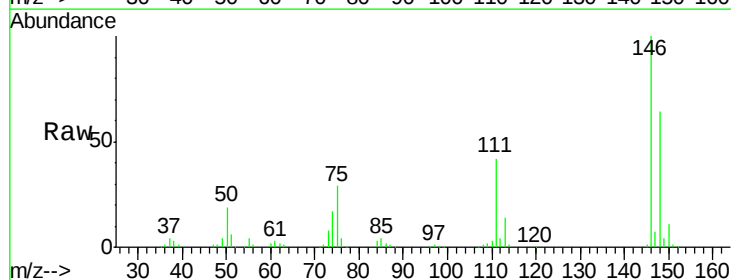
Tgt Ion:146 Resp: 165476

Ion Ratio Lower Upper

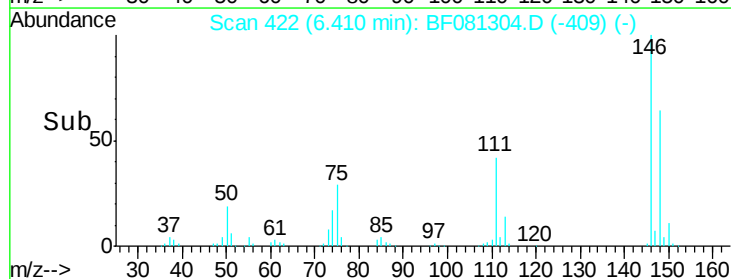
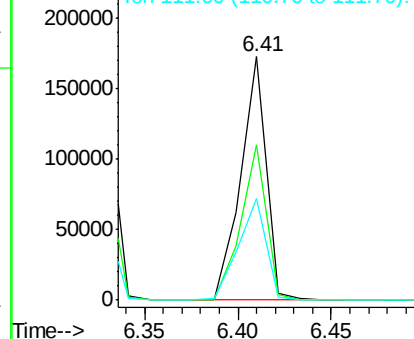
146 100

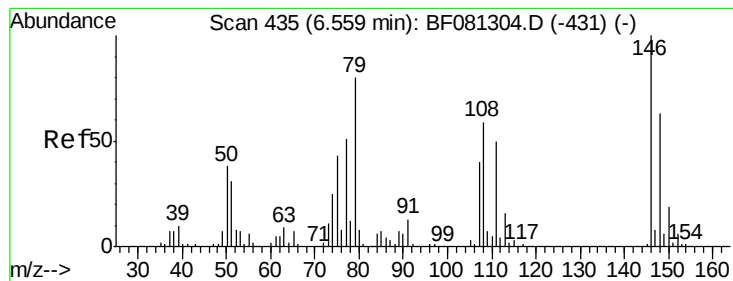
148 63.8 52.7 79.1

111 41.9 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: 42.39 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampled :

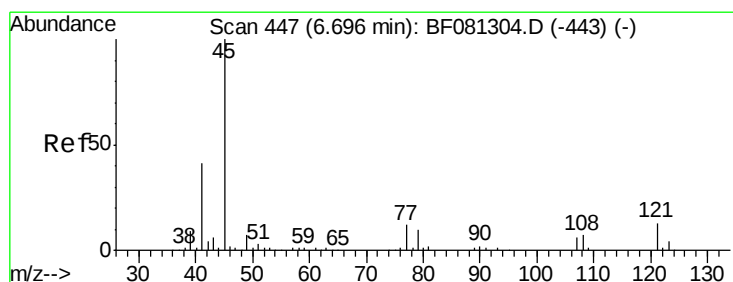
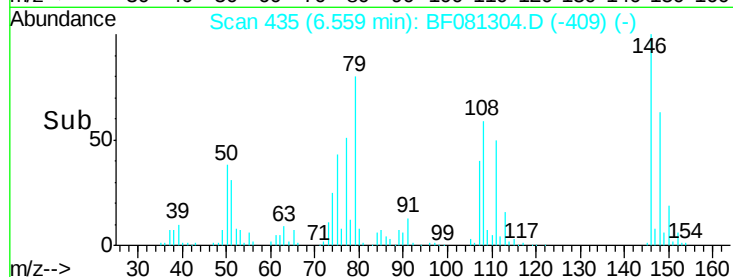
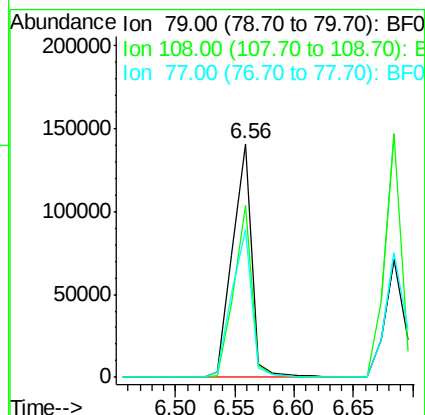
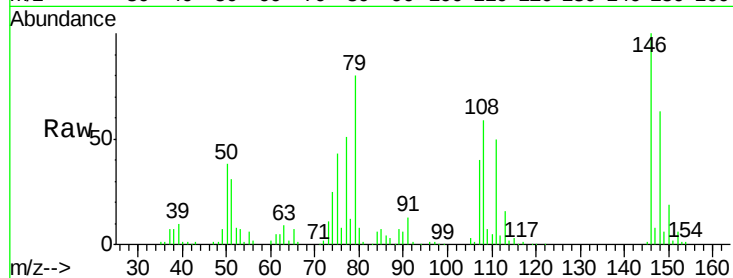
Tot Ion: 79 Resp: 159893

Ion Ratio Lower Upper

79 100

108 73.5 88.6 132.8#

77 63.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.85 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

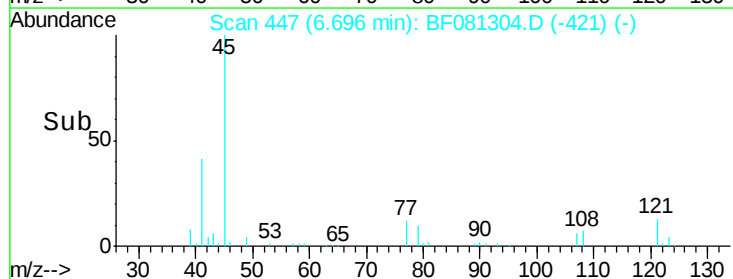
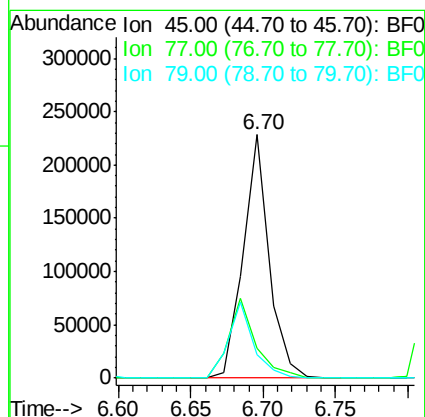
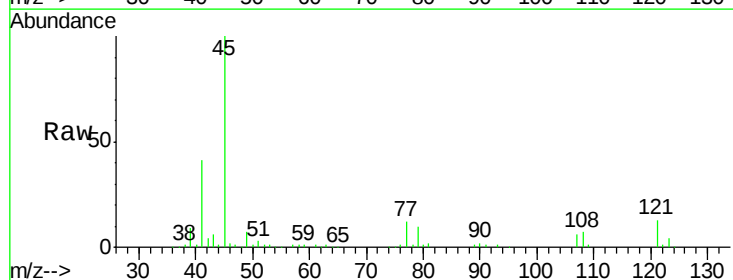
Tgt Ion: 45 Resp: 282257

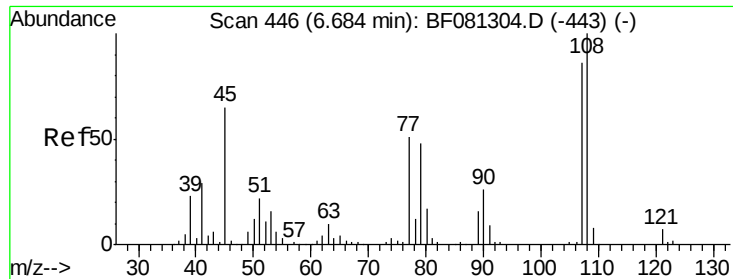
Ion Ratio Lower Upper

45 100

77 12.5 0.0 28.1

79 9.9 0.0 26.0

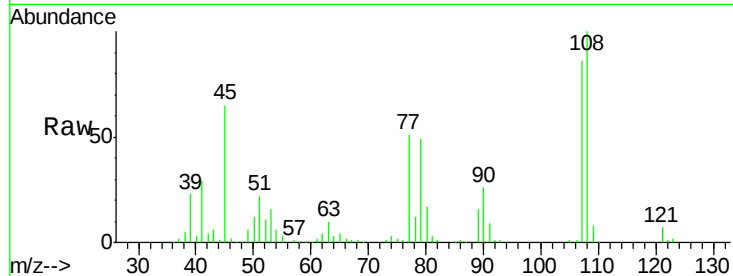




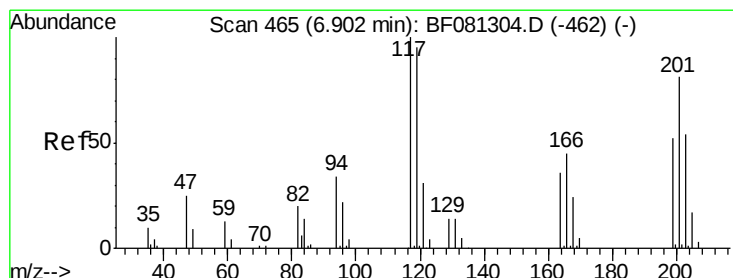
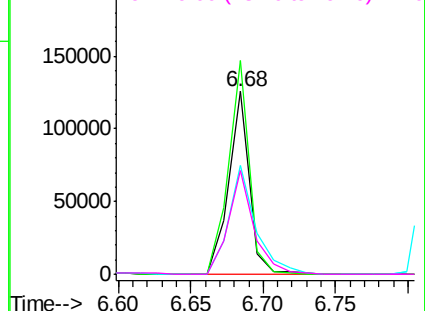
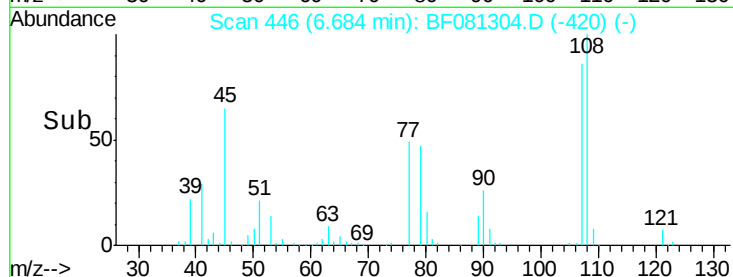
#17
2-Methylphenol
Concen: 41.03 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 124170
Ion Ratio Lower Upper
107 100
108 117.0 96.6 145.0
77 59.9 23.3 34.9#
79 56.9 22.0 33.0#

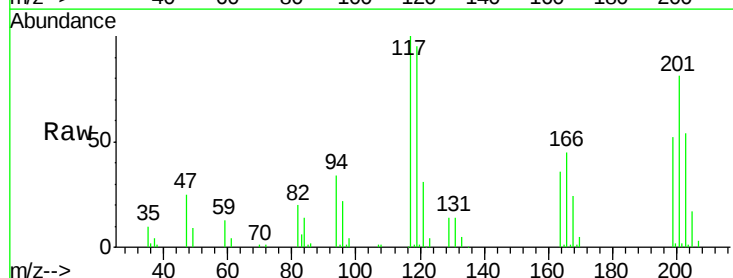


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

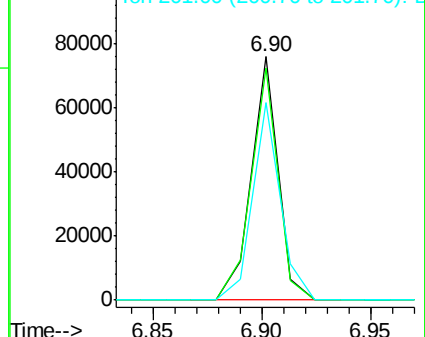
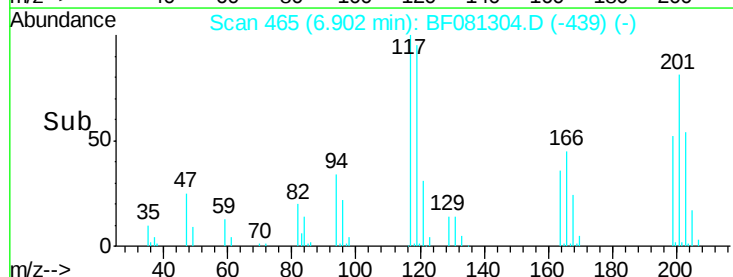


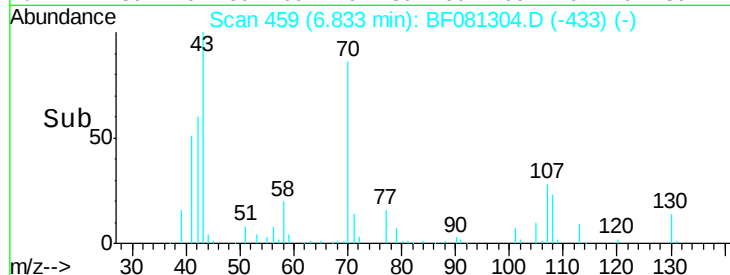
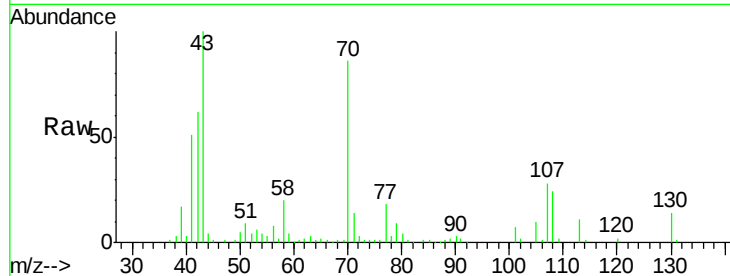
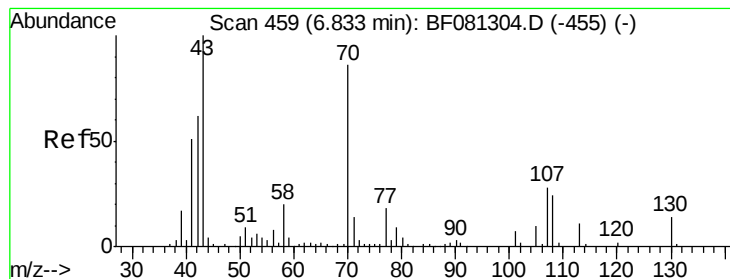
#18
Hexachloroethane
Concen: 39.64 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion:117 Resp: 64911
Ion Ratio Lower Upper
117 100
119 95.3 83.8 125.6
201 81.0 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.46 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 119477

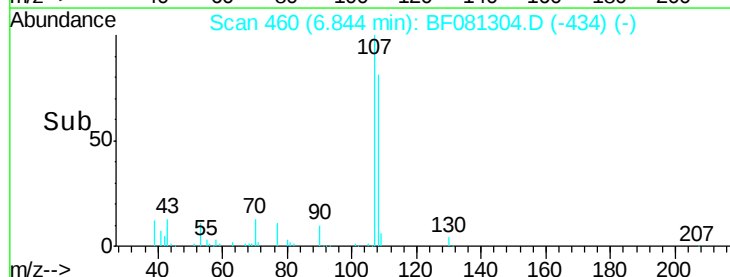
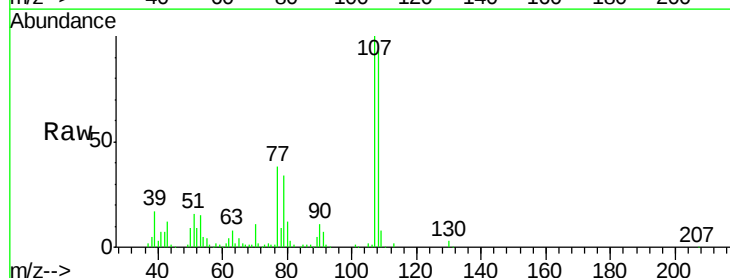
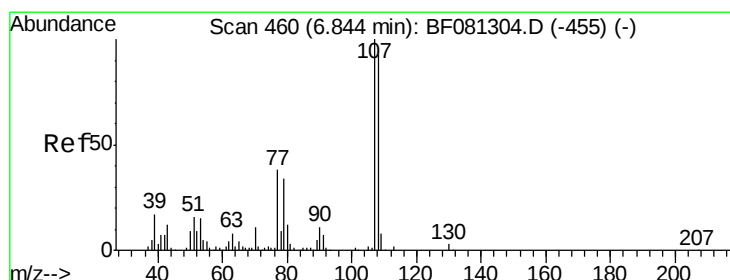
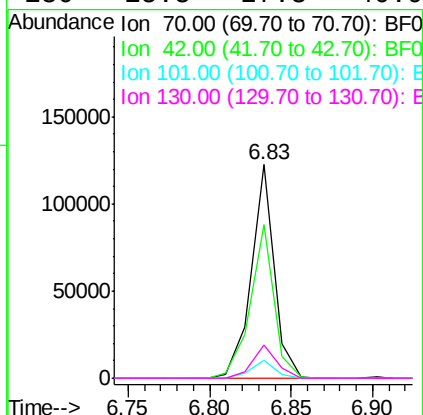
Ion Ratio Lower Upper

70 100

42 71.9 63.8 95.6

101 8.1 9.2 13.8#

130 15.8 27.3 40.9#



#20

3+4-Methylphenols

Concen: 39.15 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion:107 Resp: 162716

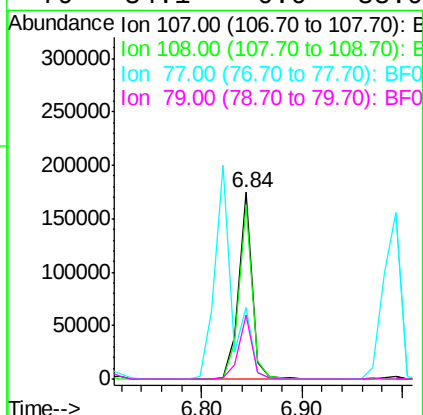
Ion Ratio Lower Upper

107 100

108 93.1 74.6 114.6

77 38.3 0.7 40.7

79 34.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081304.D

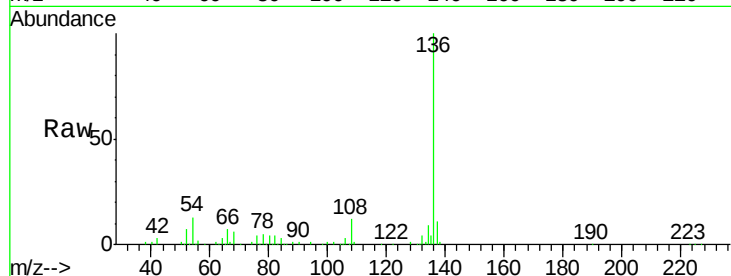
Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	202780
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	12.7	8.2 12.2#
68	5.9	5.8 8.6

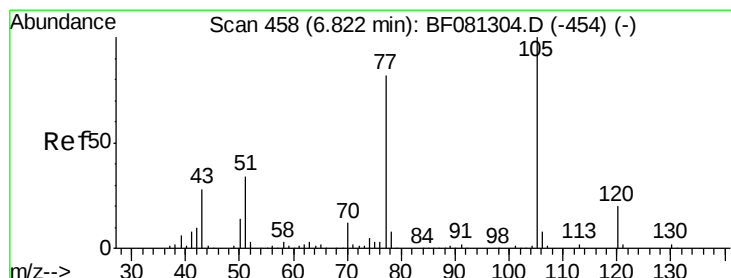
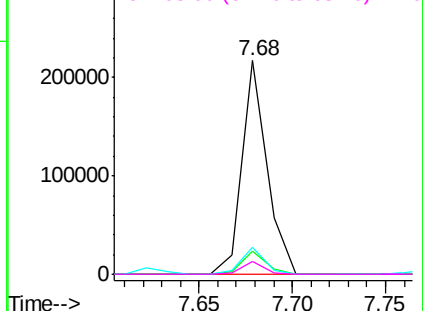
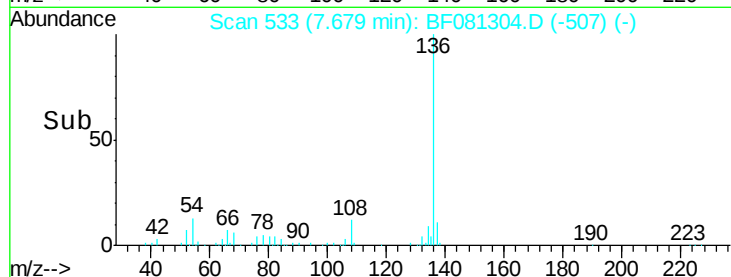


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.48 ng

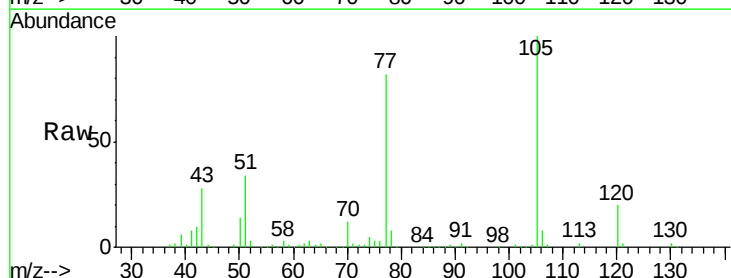
RT: 6.82 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion:105	Resp:	229199
Ion Ratio	Lower	Upper
105	100	
71	2.0	4.7 7.1#
51	34.4	22.0 33.0#
120	20.1	30.1 45.1#

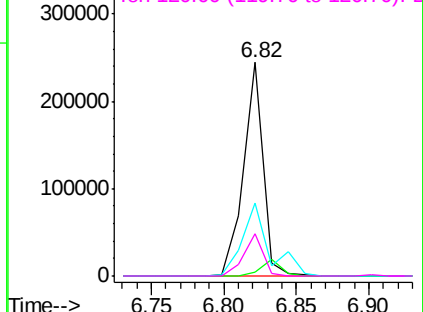
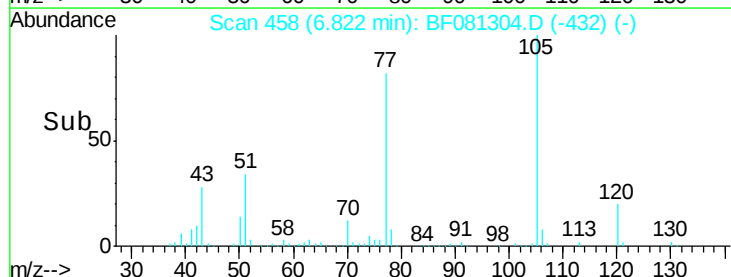


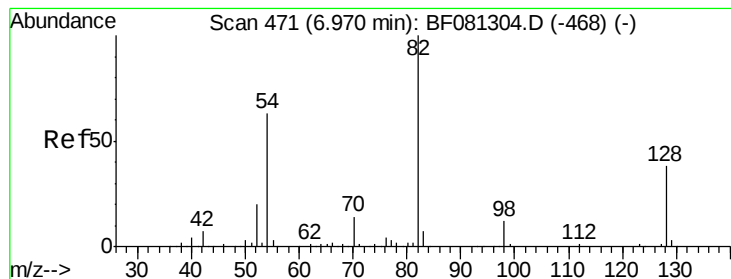
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 40.84 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

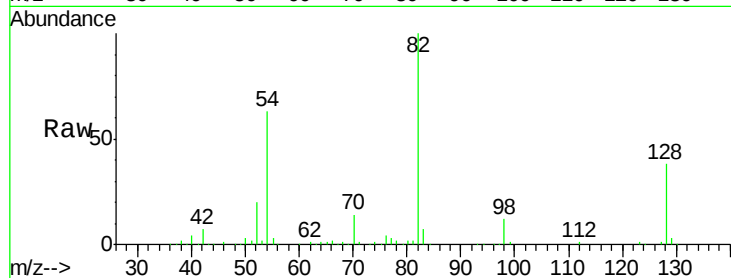
Tot Ion: 82 Resp: 344128

Ion Ratio Lower Upper

82 100

128 38.0 51.0 76.6#

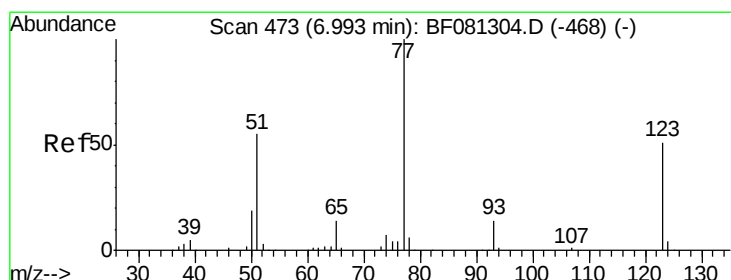
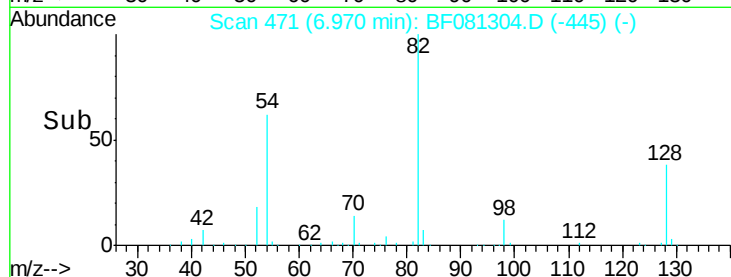
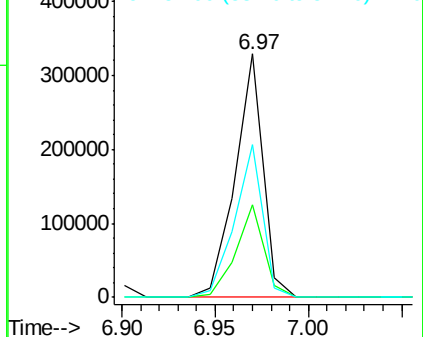
54 62.6 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.75 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

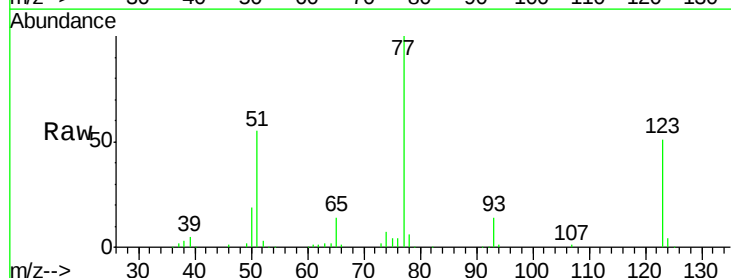
Tgt Ion: 77 Resp: 183328

Ion Ratio Lower Upper

77 100

123 51.0 59.8 89.8#

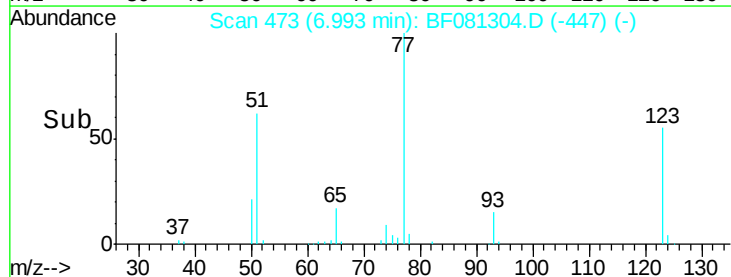
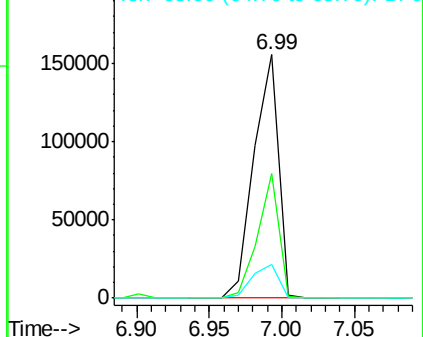
65 14.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.32 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

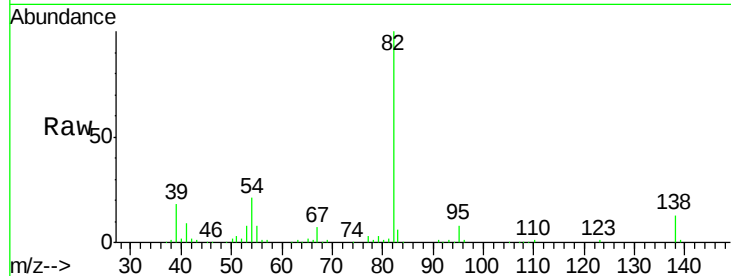
Tot Ion: 82 Resp: 309416

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

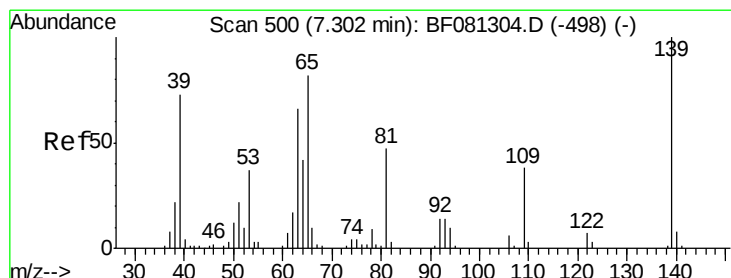
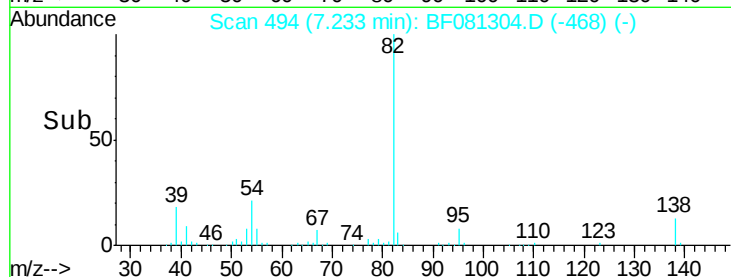
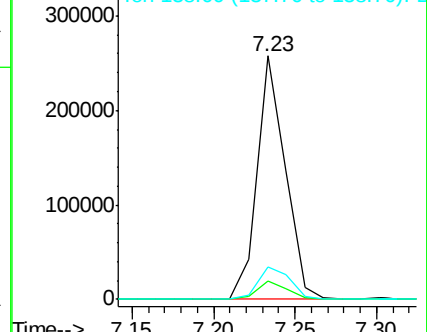
138 13.3 18.3 27.5#



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: 39.95 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

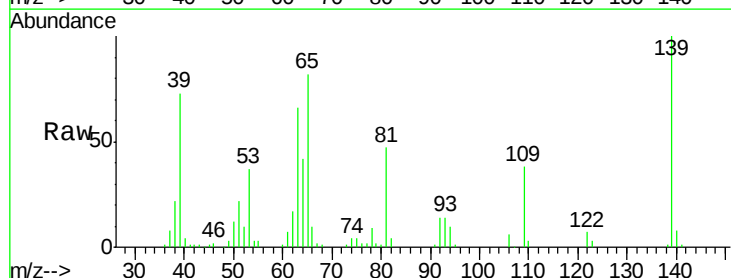
Tgt Ion: 139 Resp: 72774

Ion Ratio Lower Upper

139 100

109 38.2 11.0 16.4#

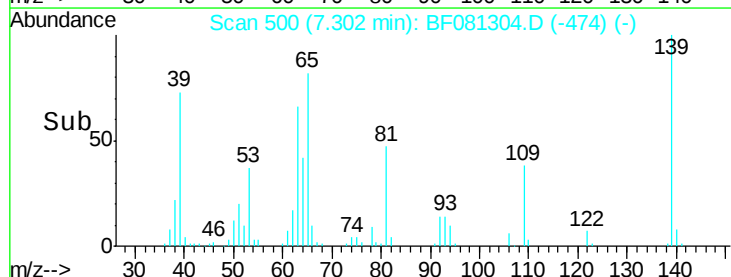
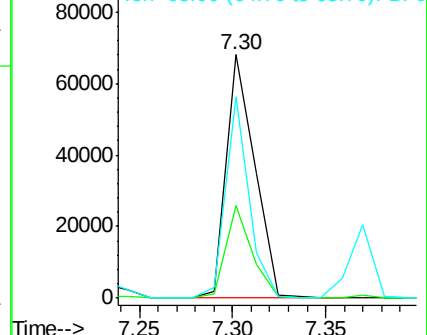
65 82.5 24.7 37.1#

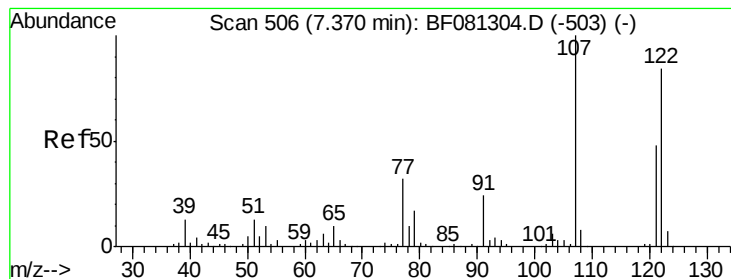


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.48 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

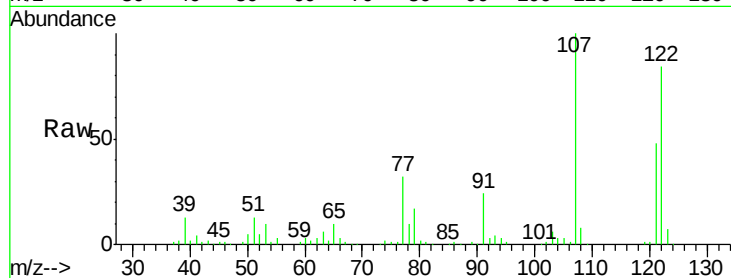
Tot Ion:122 Resp: 147539

Ion Ratio Lower Upper

122 100

107 119.2 71.8 107.6#

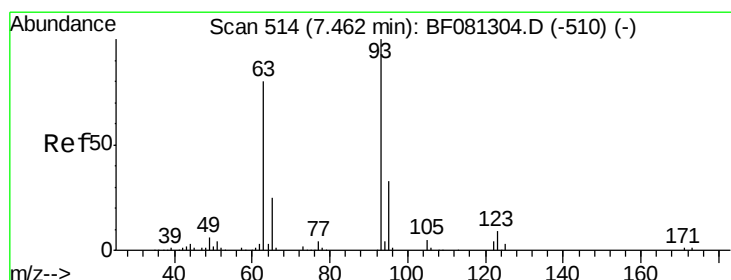
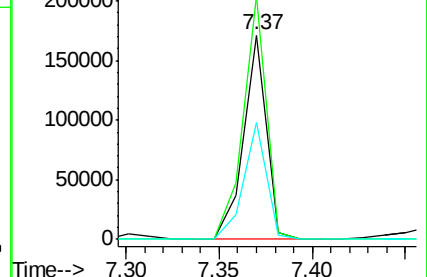
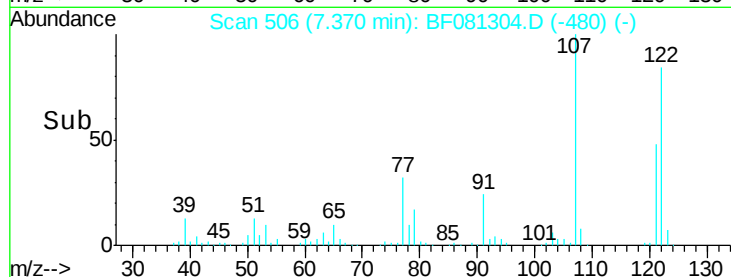
121 56.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.90 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

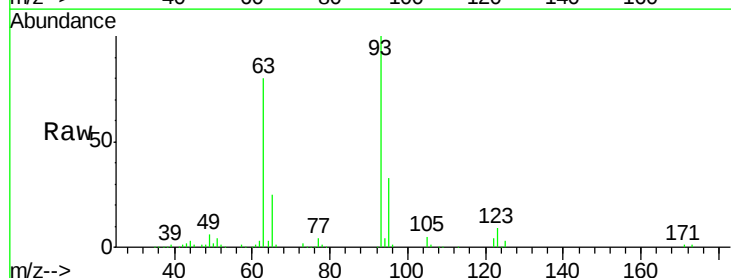
Tgt Ion: 93 Resp: 203441

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

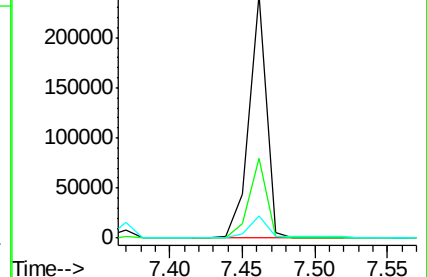
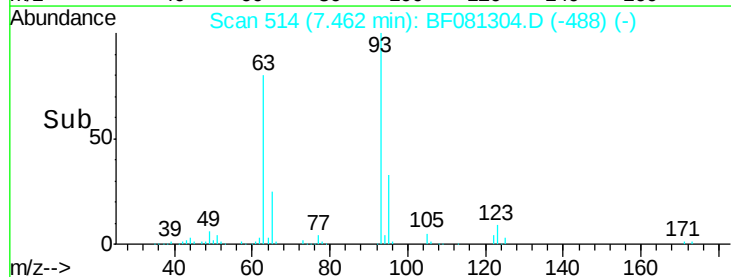
123 9.3 13.7 20.5#

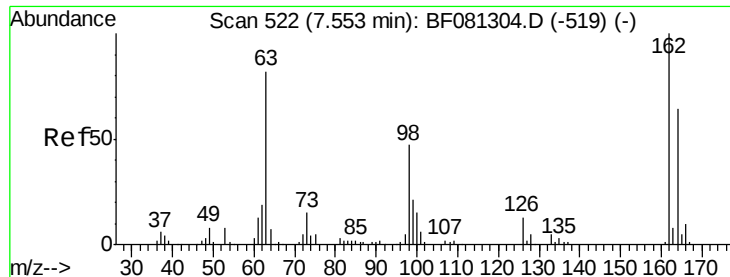


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

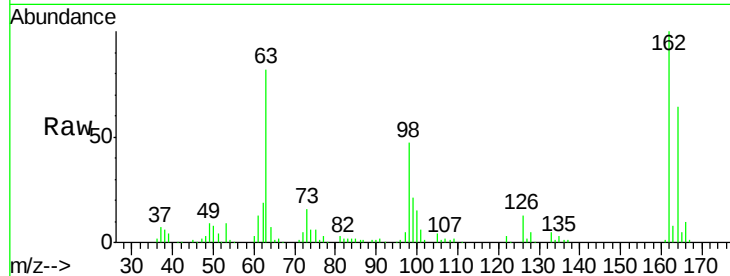




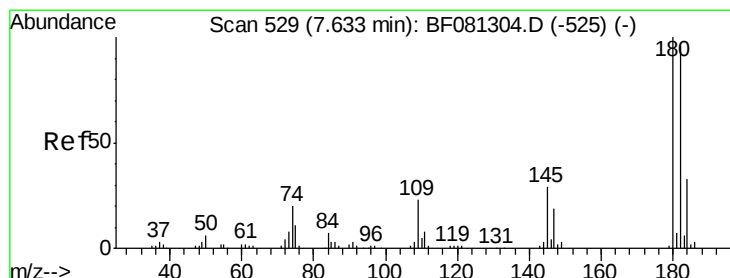
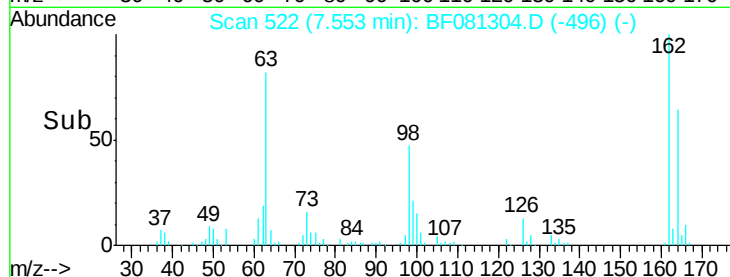
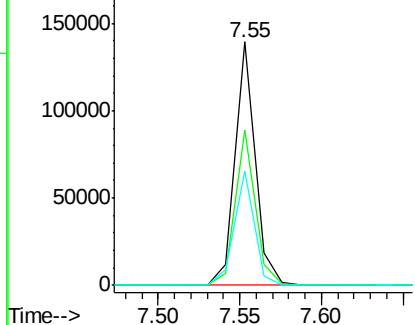
#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 118063
 Ion Ratio Lower Upper
 162 100
 164 63.8 44.9 84.9
 98 47.1 13.0 53.0

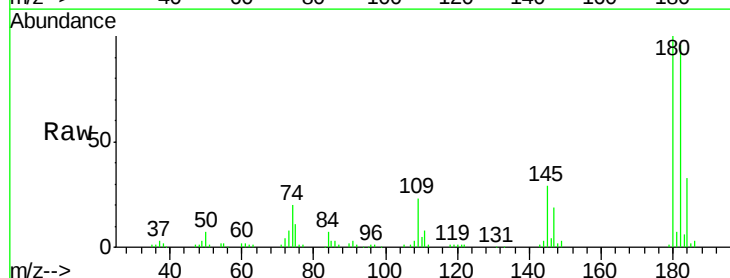


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

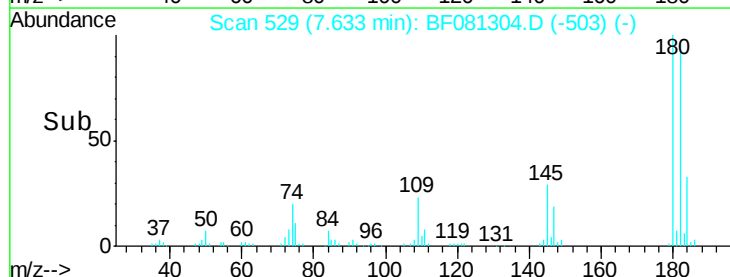
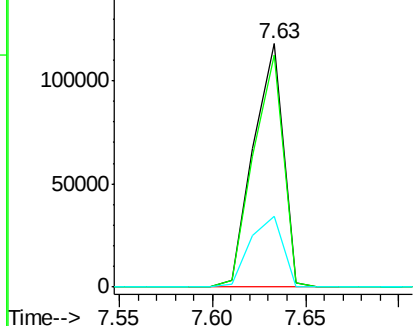


#30
 1,2,4-Trichlorobenzene
 Concen: 43.31 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:180 Resp: 130650
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.1 115.7
 145 29.0 23.3 34.9



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





#31

Naphthalene

Concen: 38.79 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

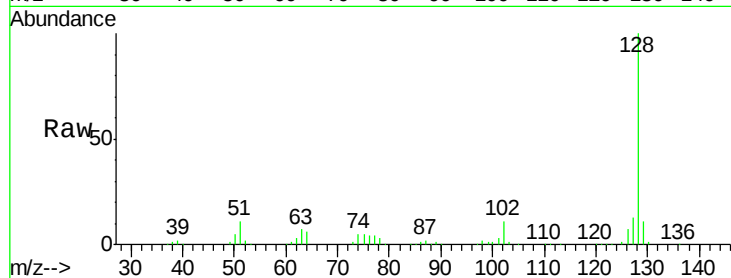
Tot Ion:128 Resp: 434408

Ion Ratio Lower Upper

128 100

129 11.1 8.4 12.6

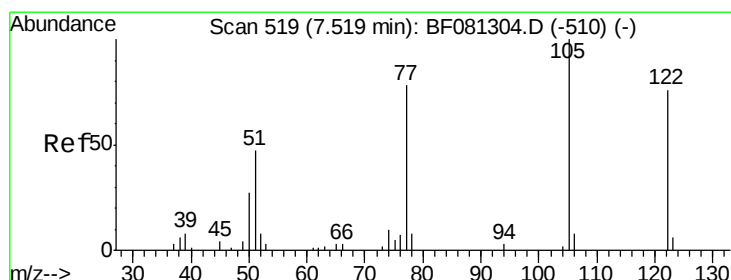
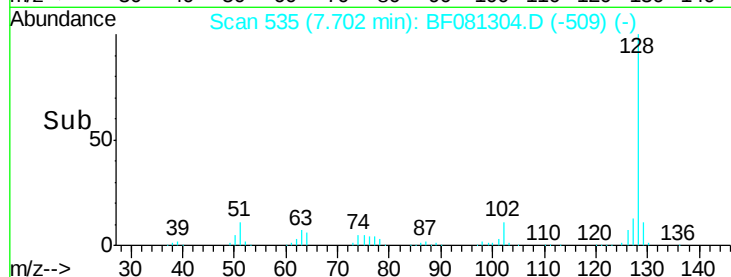
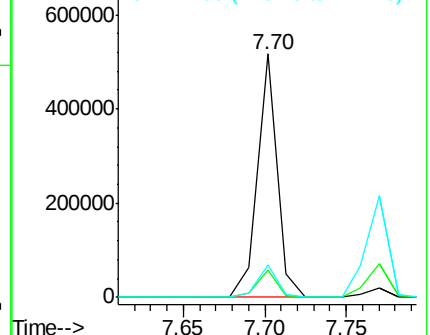
127 13.2 9.9 14.9



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: 45.98 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

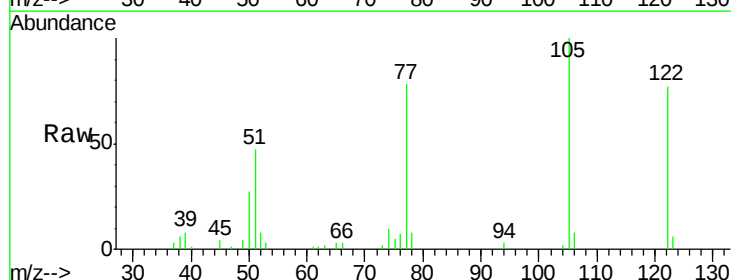
Tgt Ion:122 Resp: 99527

Ion Ratio Lower Upper

122 100

105 129.7 76.1 116.1#

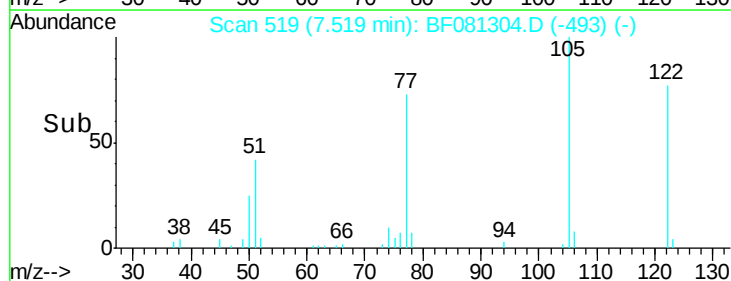
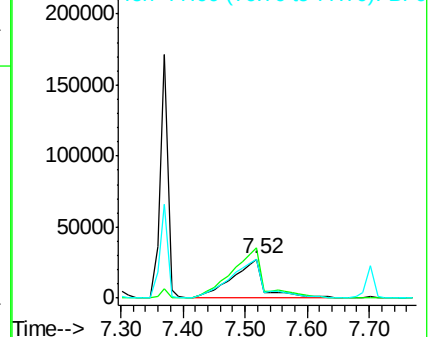
77 100.8 40.5 80.5#

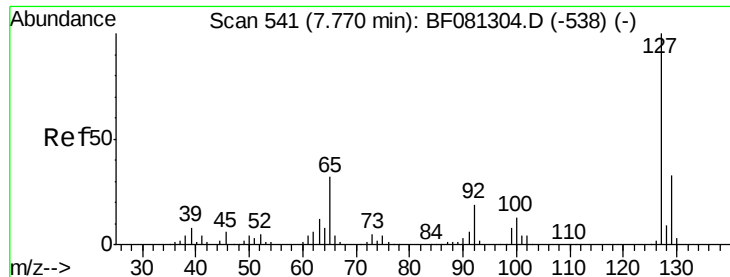


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

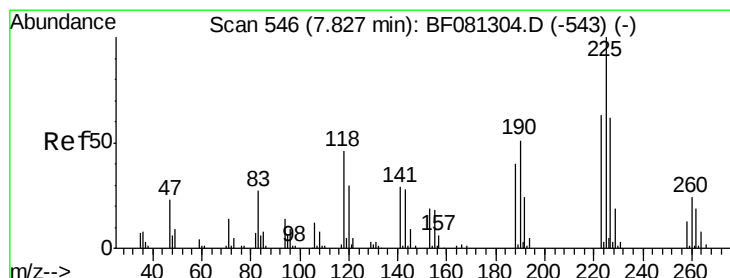
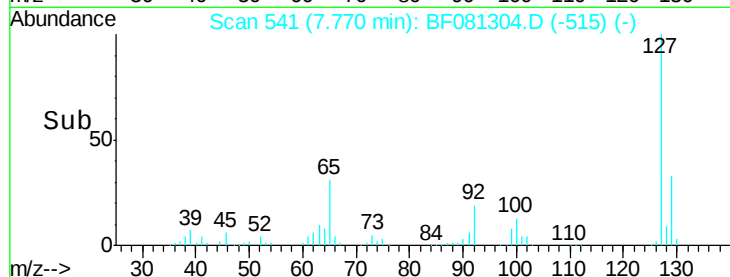
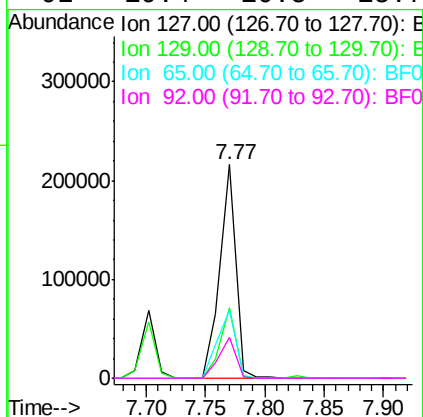
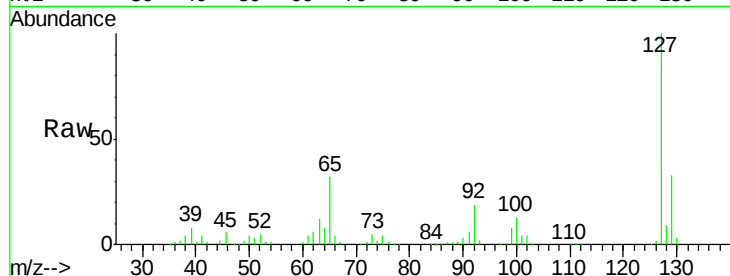




#33
4-Chloroaniline
Concen: 44.83 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

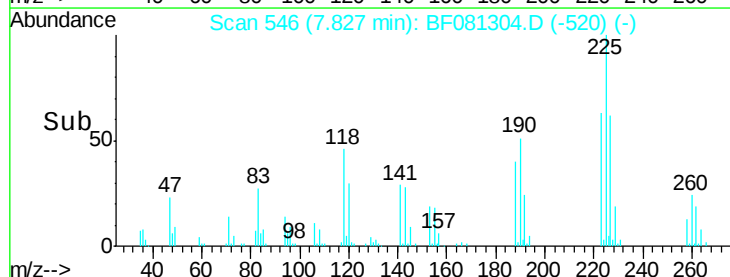
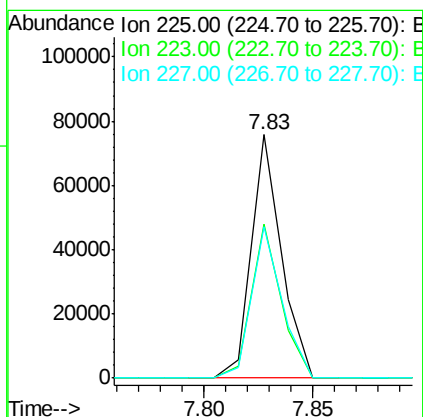
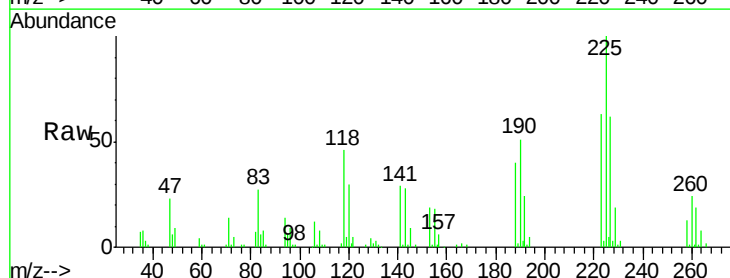
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	201575
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.6
65	32.0	17.9	26.9#
92	19.4	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 37.98 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion:	225	Resp:	72584
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	62.4	52.2	78.2





#35

Caprolactam

Concen: 42.31 ng

RT: 8.15 min Scan# 574

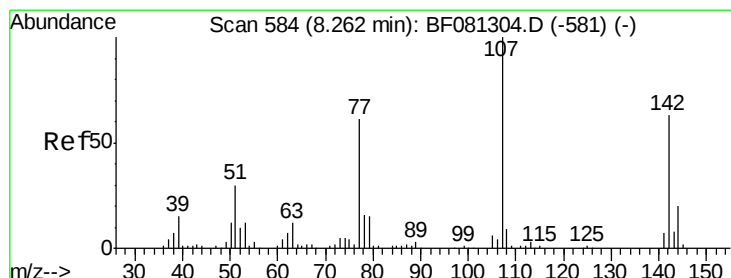
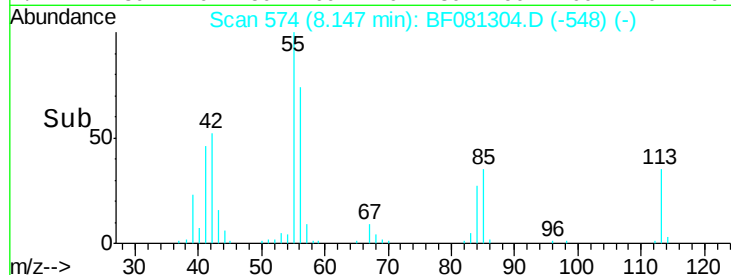
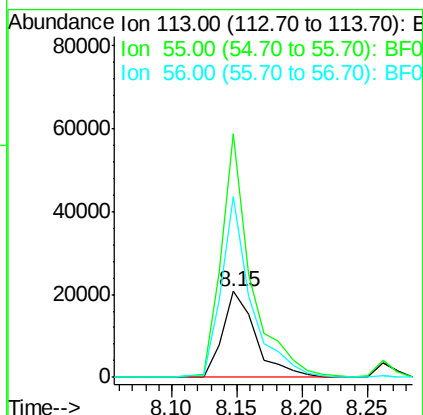
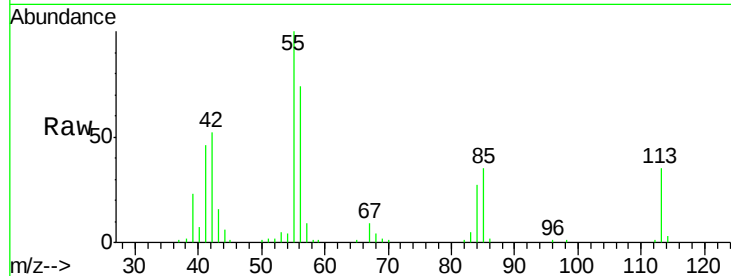
Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 36722
Ion Ratio Lower Upper
113 100
55 283.7 152.4 192.4#
56 210.8 104.6 144.6#



#36

4-Chloro-3-methylphenol

Concen: 40.39 ng

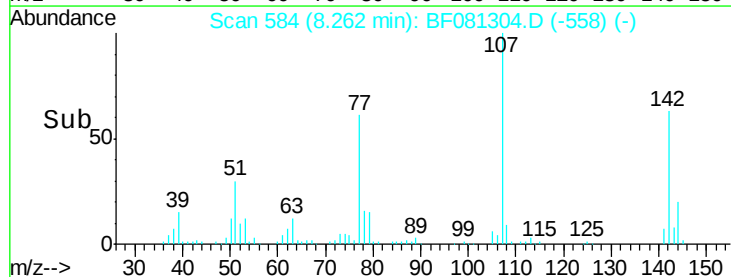
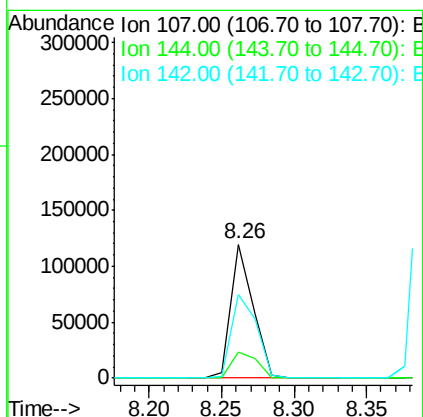
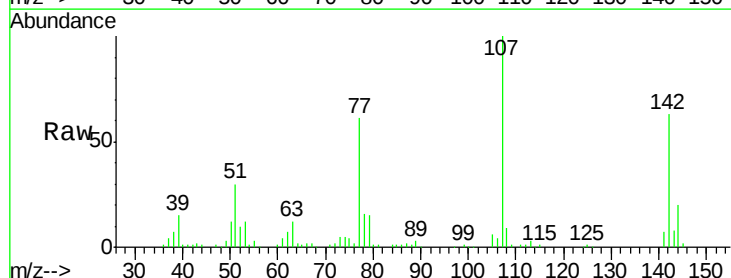
RT: 8.26 min Scan# 584

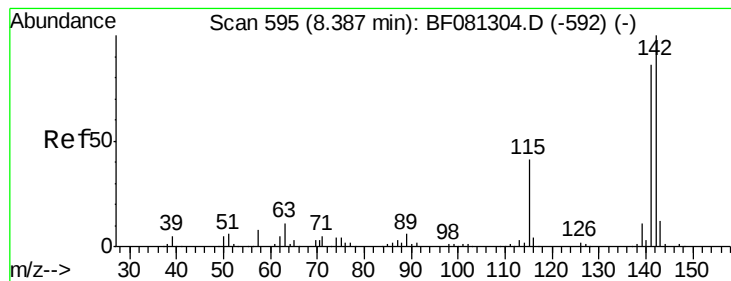
Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion:107 Resp: 128009
Ion Ratio Lower Upper
107 100
144 19.5 25.4 38.0#
142 62.8 77.3 115.9#

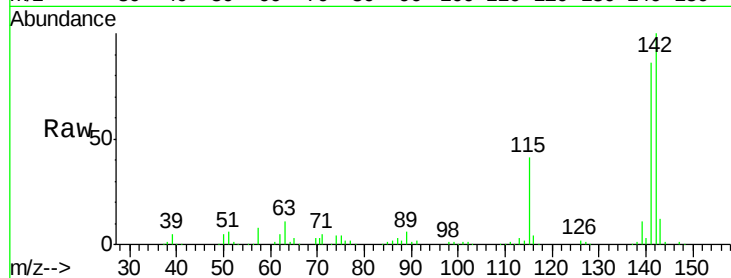




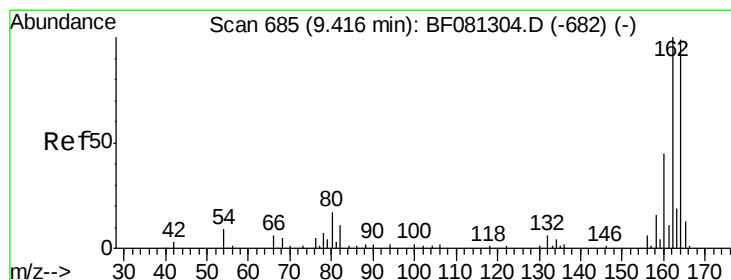
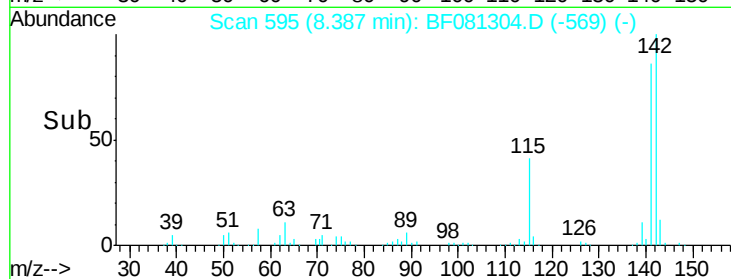
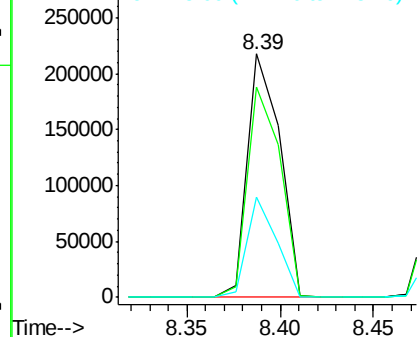
#37
 2-Methylnaphthalene
 Concen: 38.58 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.5	101.3
115	41.4	18.2	27.2

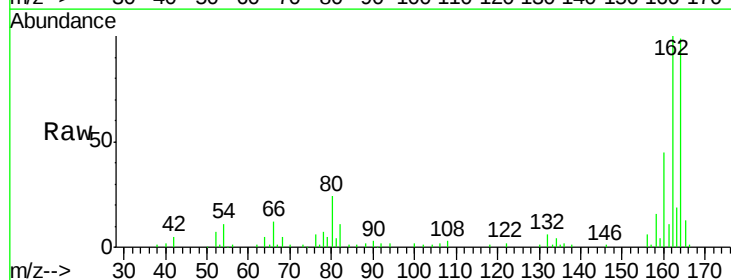


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

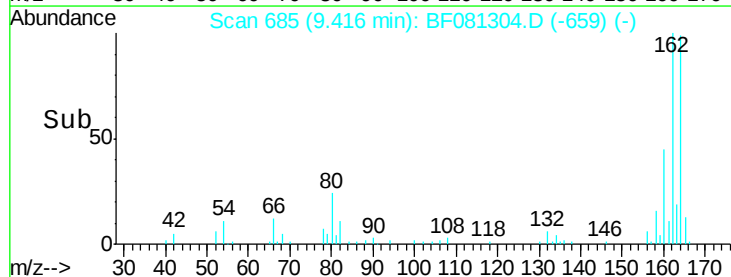
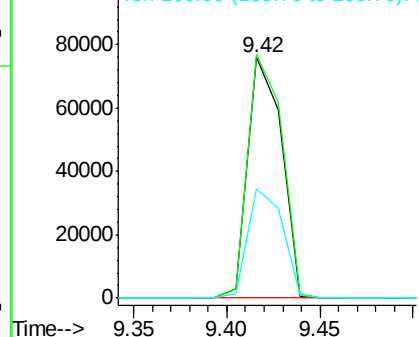


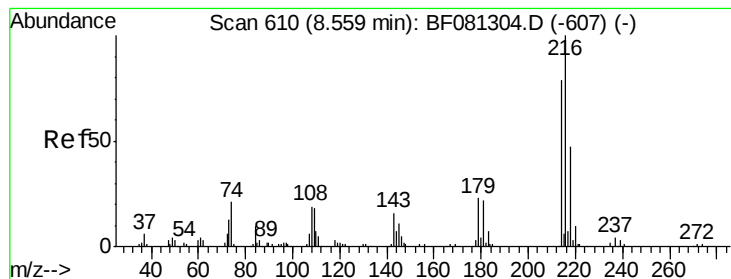
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	75.2	112.8
160	45.2	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: 38.31 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081304.D

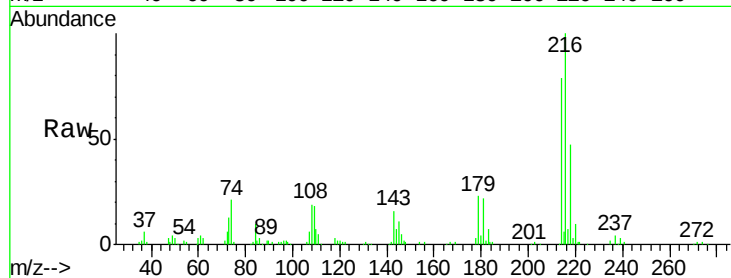
Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	123732
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.5 95.3
179	23.0	16.6 24.8
108	22.4	16.3 24.5

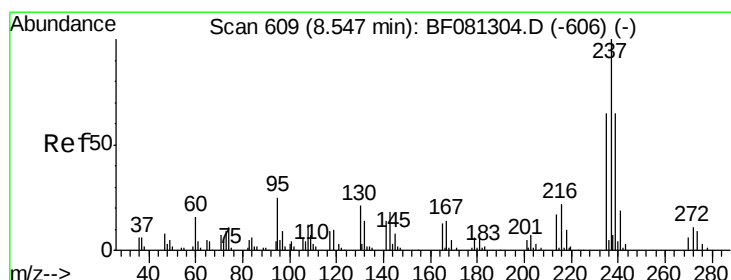
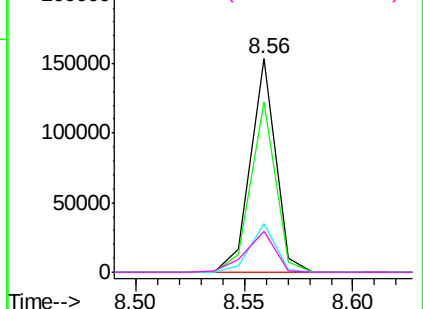
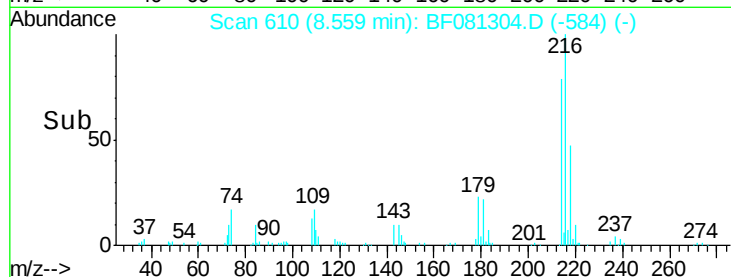


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 43.72 ng

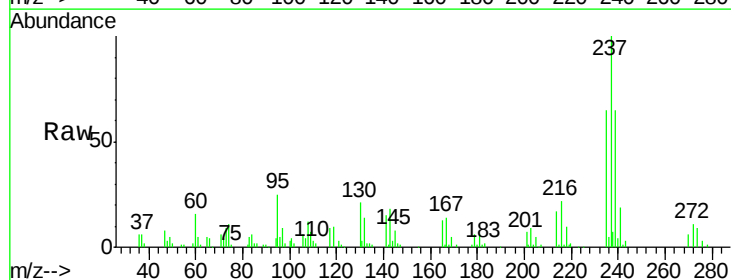
RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

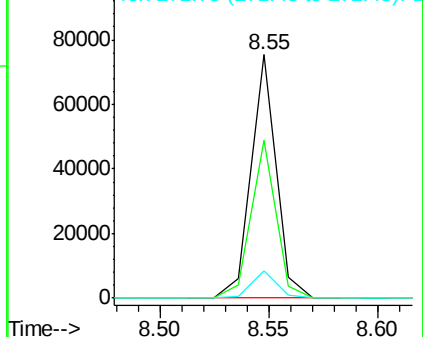
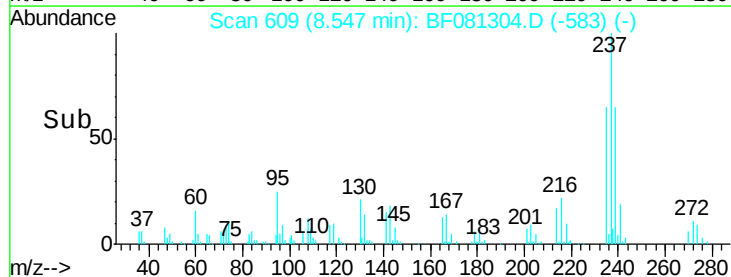
Tgt Ion:237	Resp:	60397
Ion Ratio	Lower	Upper
237	100	
235	64.6	42.0 82.0
272	11.1	0.0 36.1

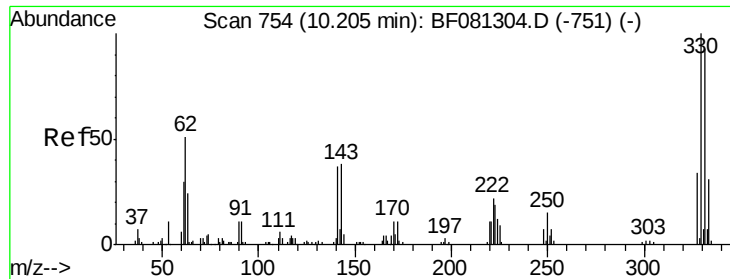


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

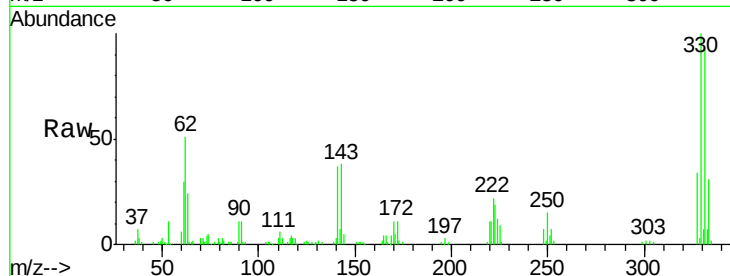




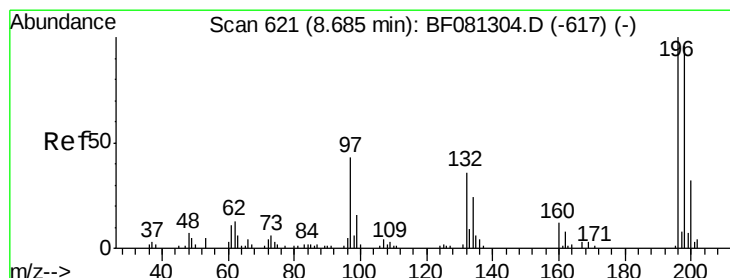
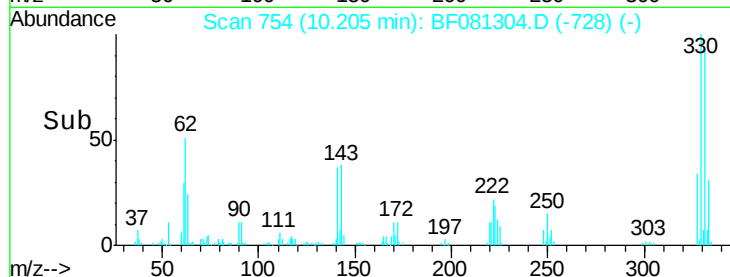
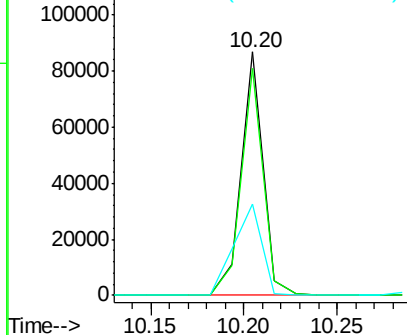
#41
 2,4,6-Tribromophenol
 Concen: 42.27 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 70950
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 48.3 29.7 44.5#

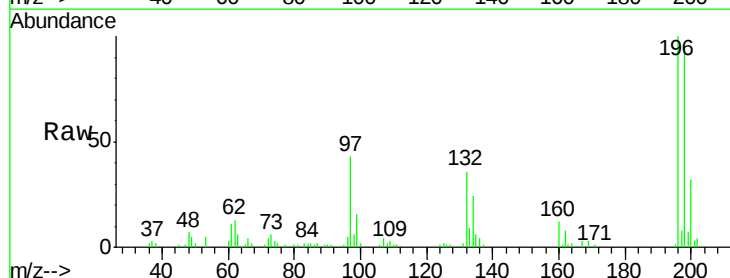


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

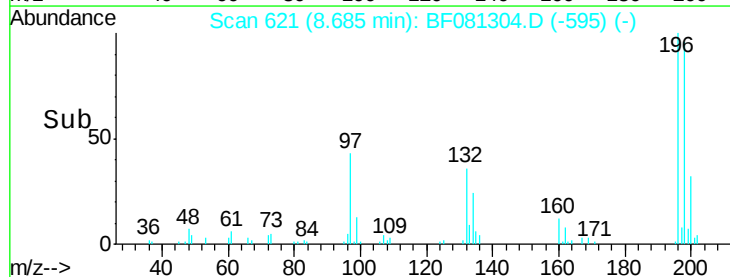
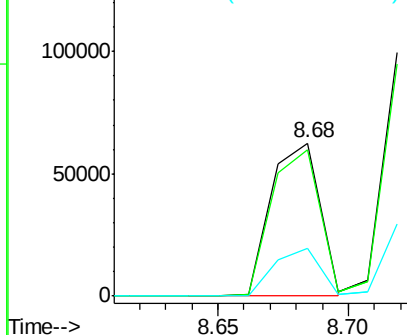


#42
 2,4,6-Trichlorophenol
 Concen: 39.90 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:196 Resp: 81520
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 200 31.5 23.9 35.9



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

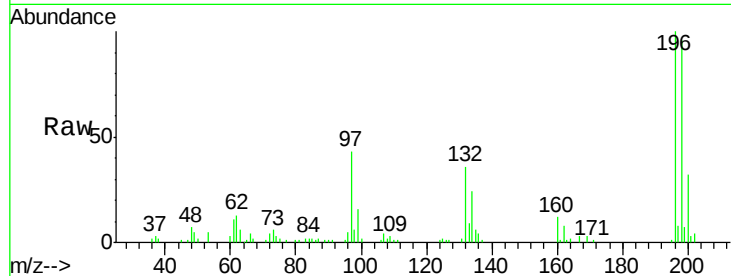




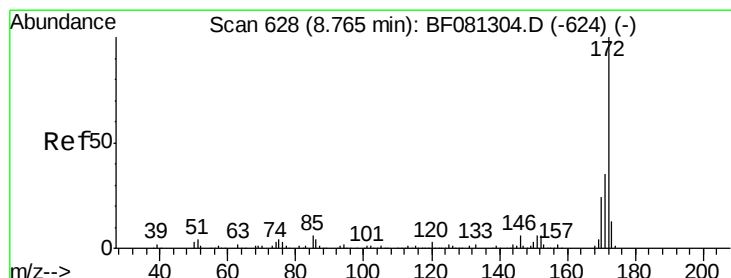
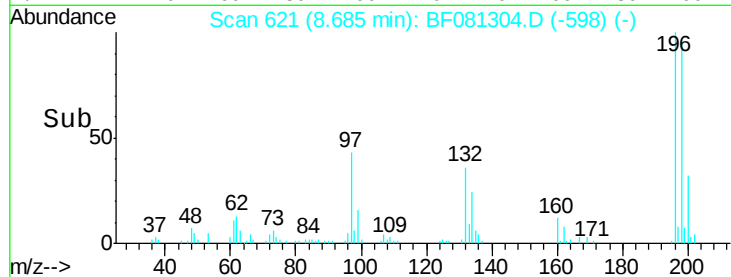
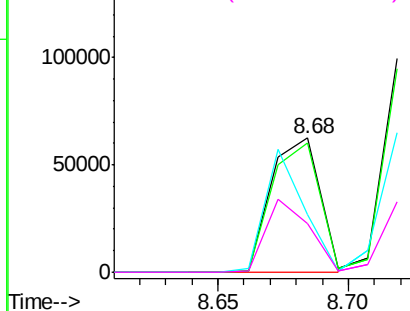
#43
 2,4,5-Trichlorophenol
 Concen: 38.15 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	81520
Ion Ratio	Lower	Upper
196	100	
198	95.9	75.4 113.0
97	43.0	33.3 49.9
132	36.2	24.6 37.0

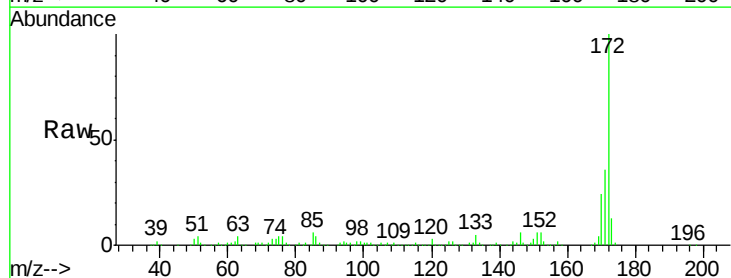


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

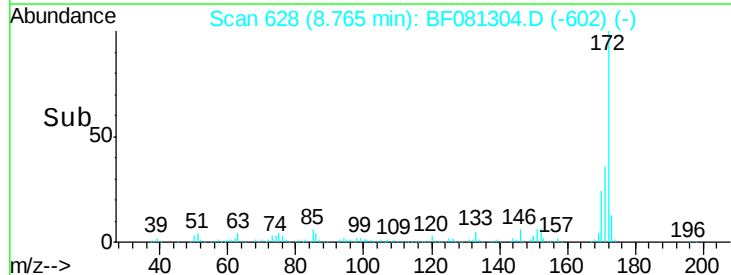
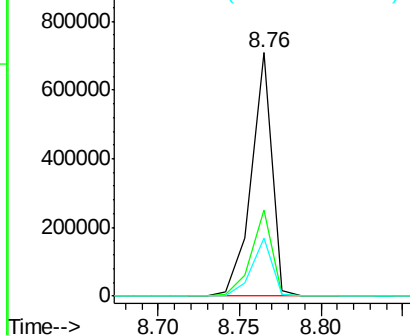


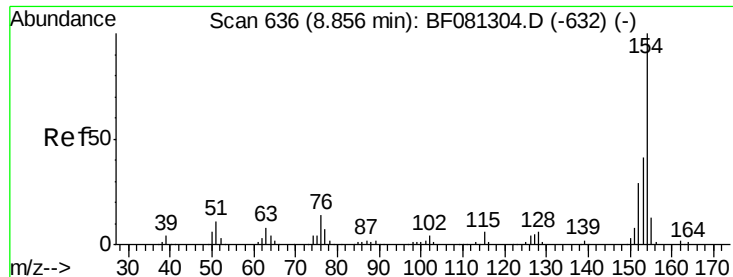
#44
 2-Fluorobiphenyl
 Concen: 39.14 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:172	Resp:	621639
Ion Ratio	Lower	Upper
172	100	
171	35.6	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

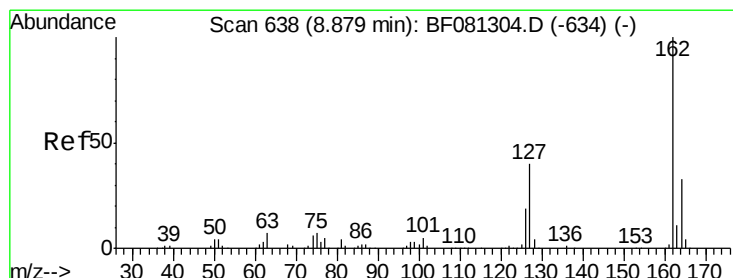
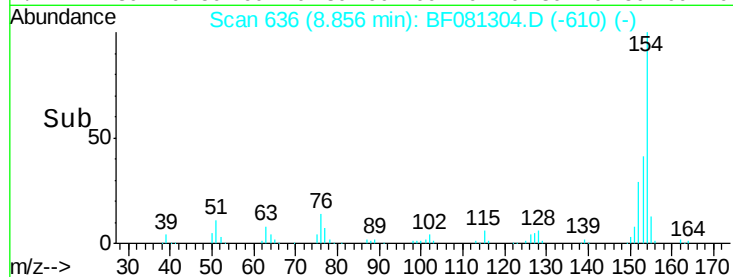
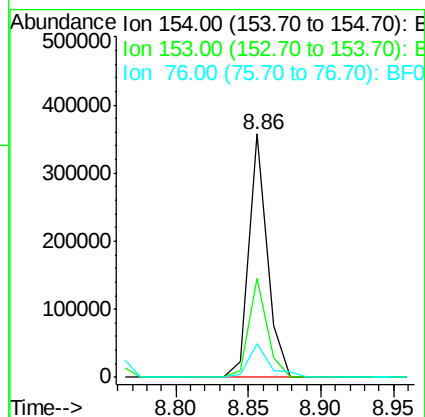
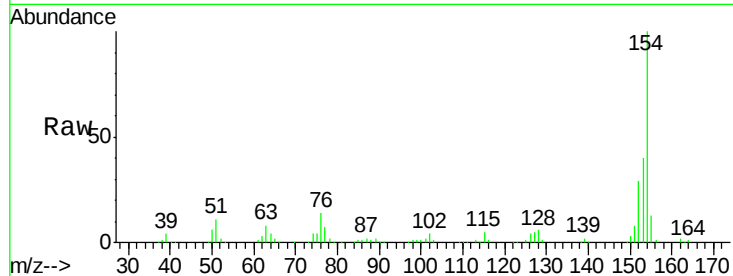




#45
 1,1'-Biphenyl
 Concen: 34.94 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

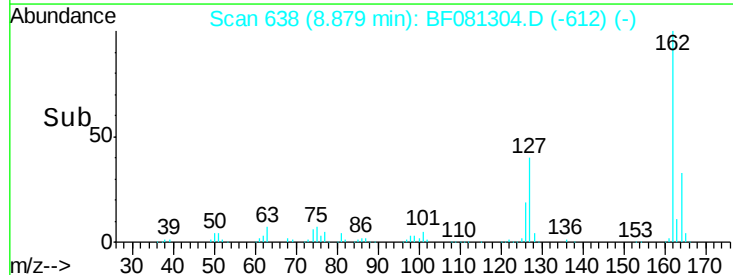
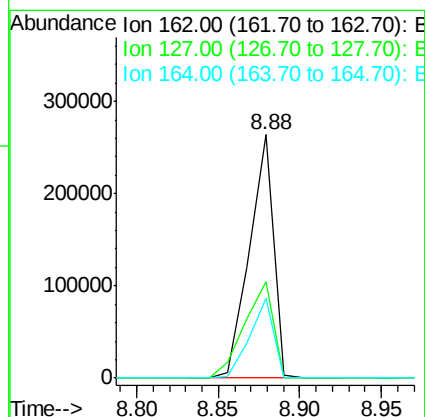
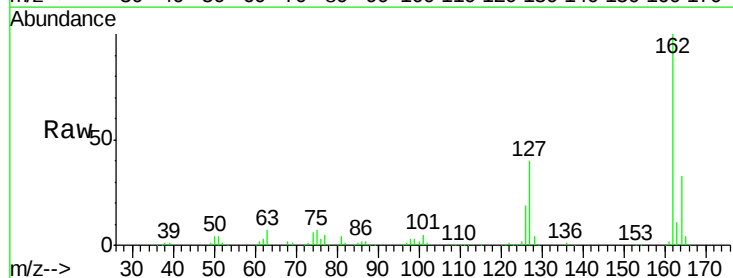
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 314972
 Ion Ratio Lower Upper
 154 100
 153 40.5 17.1 57.1
 76 13.7 0.0 31.6



#46
 2-Chloronaphthalene
 Concen: 40.30 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:162 Resp: 270454
 Ion Ratio Lower Upper
 162 100
 127 39.7 27.6 41.4
 164 32.8 25.4 38.2

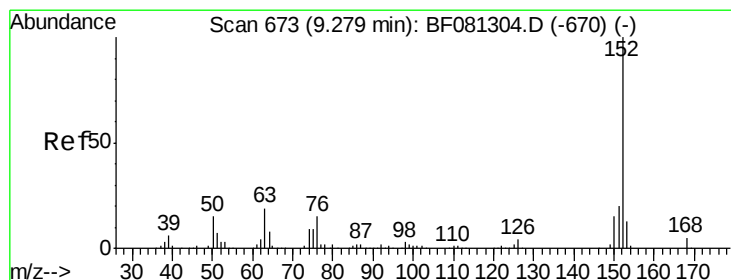
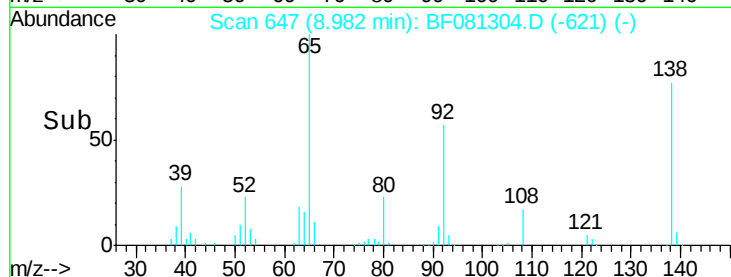
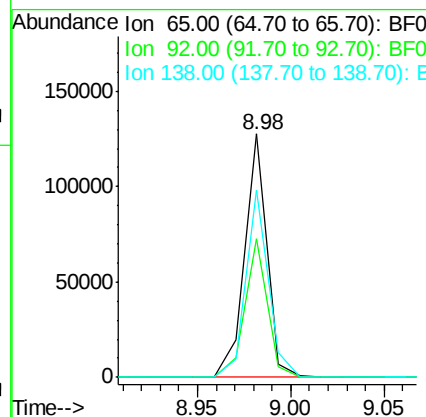
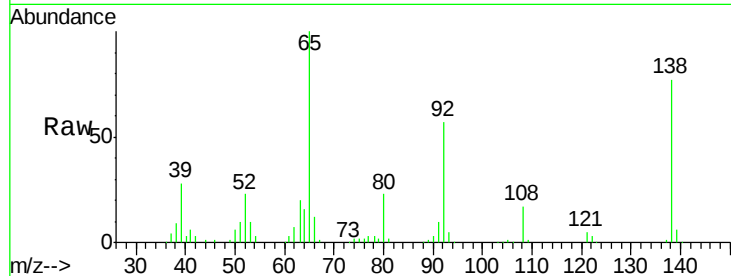




#47
2-Nitroaniline
Concen: 41.84 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

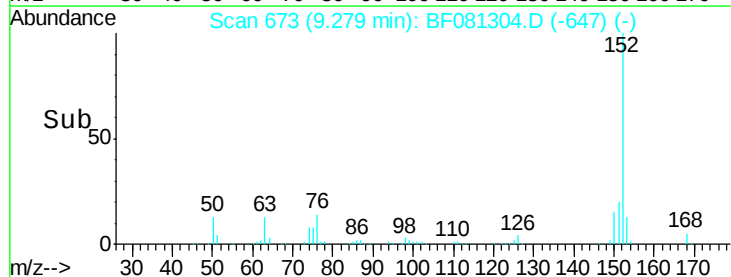
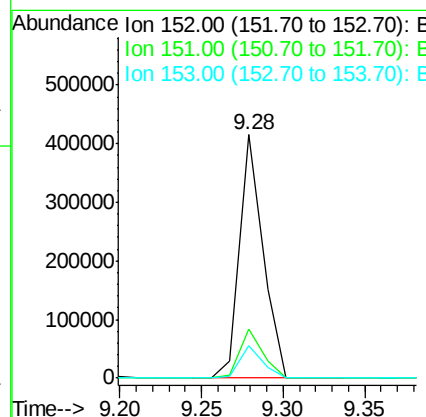
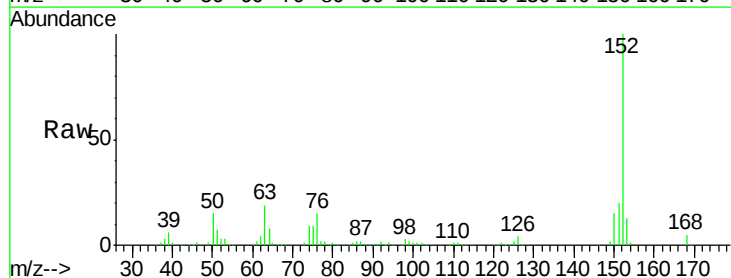
Instrument :
BNA_F
ClientSampleId :

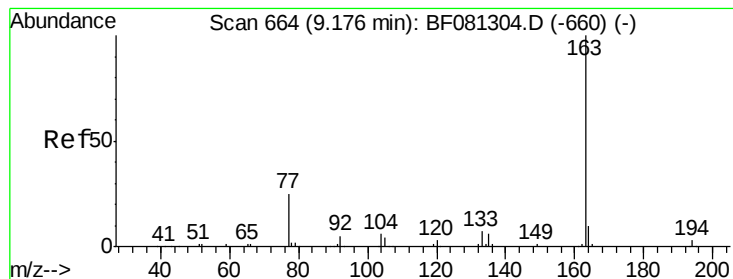
Tot Ion: 65 Resp: 106641
Ion Ratio Lower Upper
65 100
92 56.8 55.4 83.0
138 76.8 115.5 173.3#



#48
Acenaphthylene
Concen: 35.06 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion: 152 Resp: 409777
Ion Ratio Lower Upper
152 100
151 20.2 14.6 22.0
153 13.3 10.3 15.5





#49

Dimethylphthalate

Concen: 36.06 ng

RT: 9.18 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

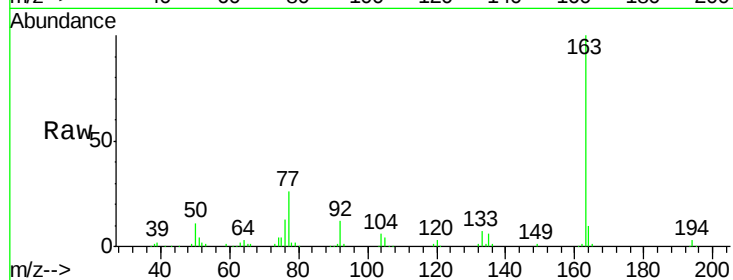
Tot Ion:163 Resp: 285408

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

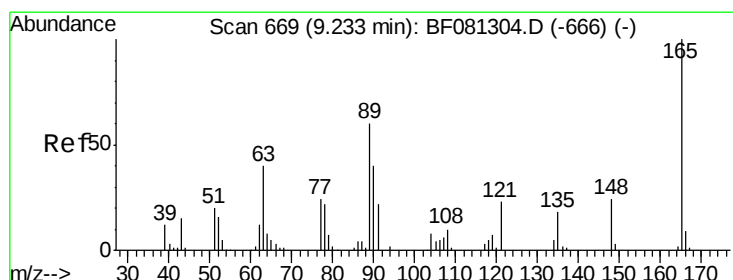
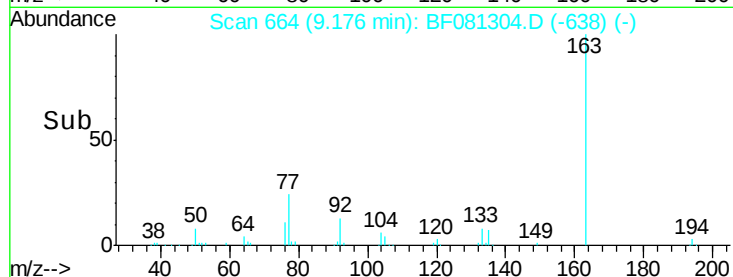
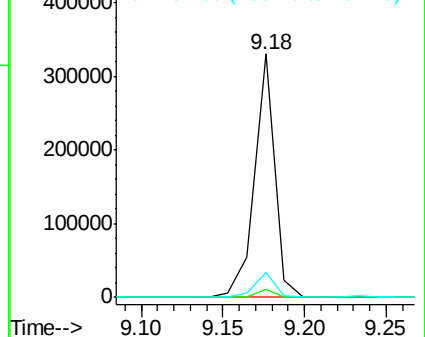
164 10.4 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.01 ng

RT: 9.23 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

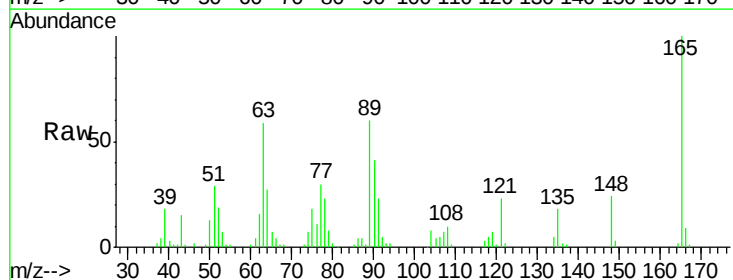
Tgt Ion:165 Resp: 71228

Ion Ratio Lower Upper

165 100

63 59.3 32.3 48.5#

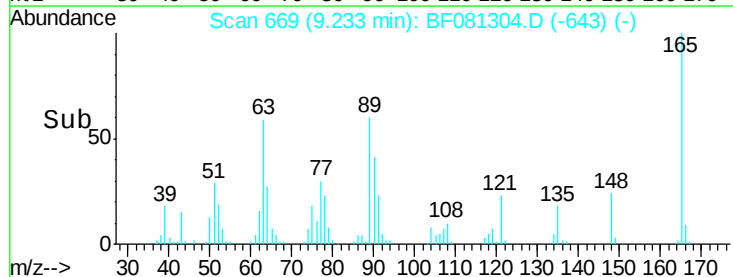
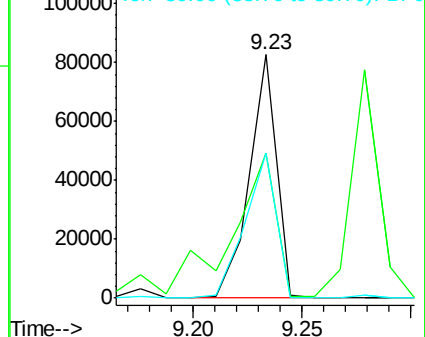
89 59.6 28.6 43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 34.57 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

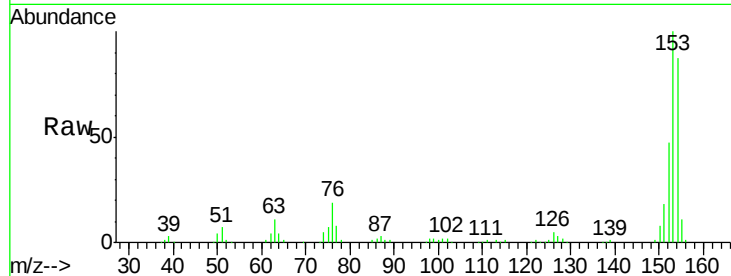
Tot Ion:154 Resp: 228762

Ion Ratio Lower Upper

154 100

153 114.7 82.1 123.1

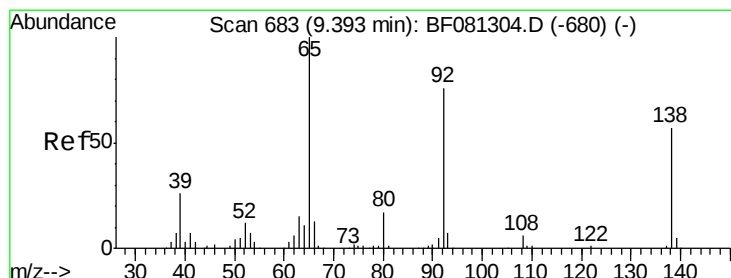
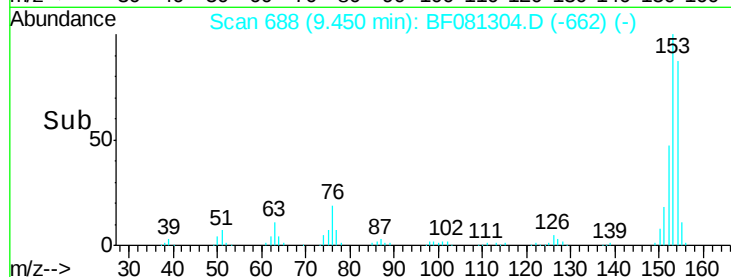
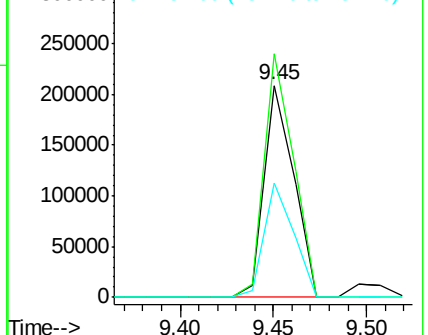
152 54.1 37.9 56.9



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: 38.15 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

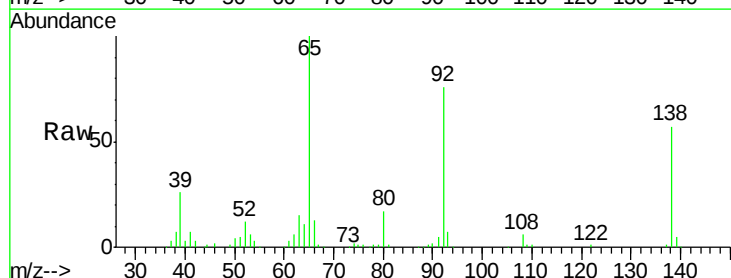
Tgt Ion:138 Resp: 77802

Ion Ratio Lower Upper

138 100

108 11.0 5.7 8.5#

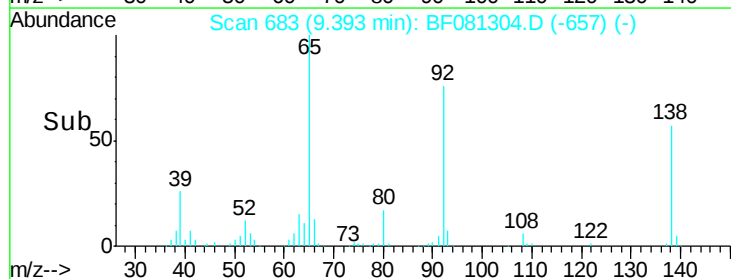
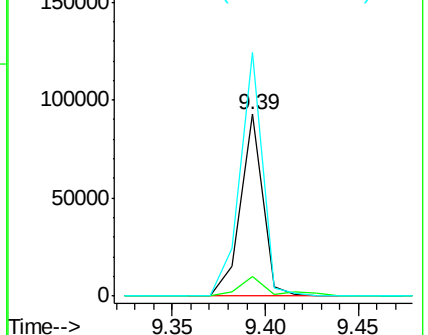
92 133.7 67.7 101.5#



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

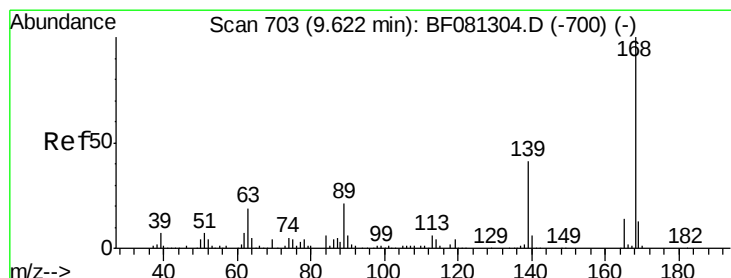
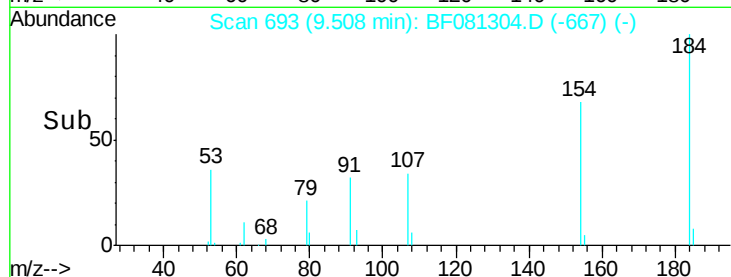
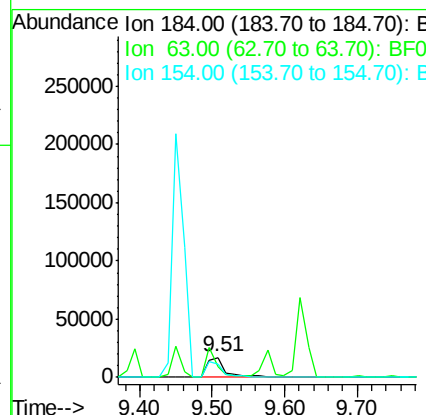
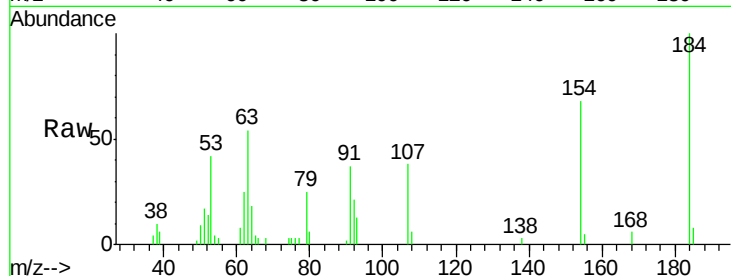




#53
 2,4-Dinitrophenol
 Concen: 52.61 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

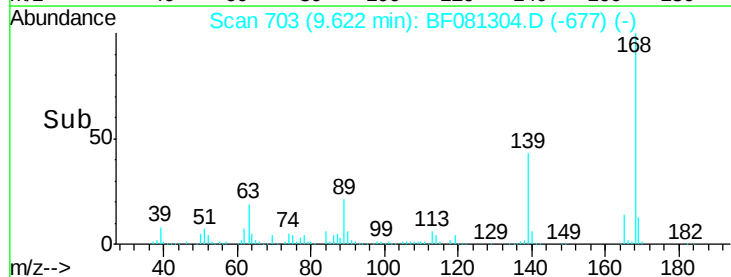
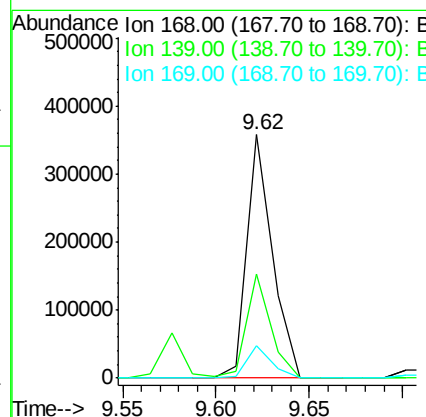
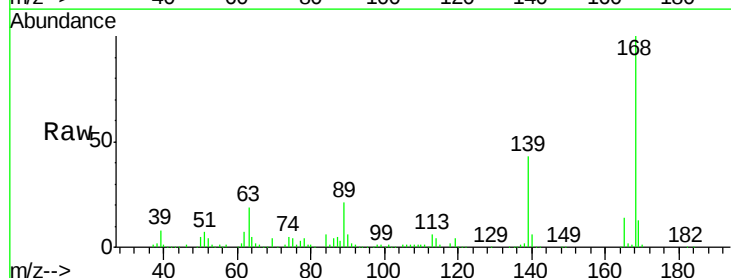
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 30168
 Ion Ratio Lower Upper
 184 100
 63 54.3 35.4 53.2#
 154 67.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 35.16 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:168 Resp: 342518
 Ion Ratio Lower Upper
 168 100
 139 42.7 24.2 36.2#
 169 13.3 10.6 15.8

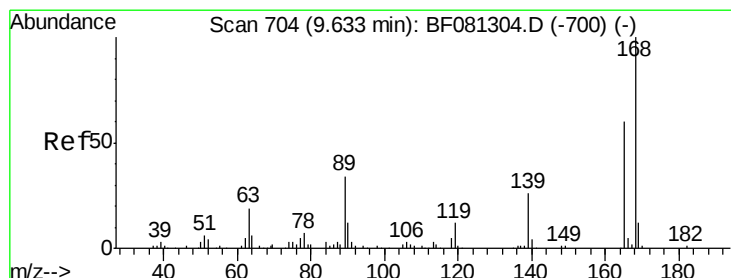
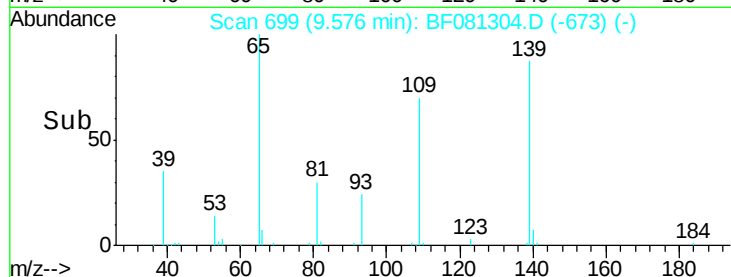
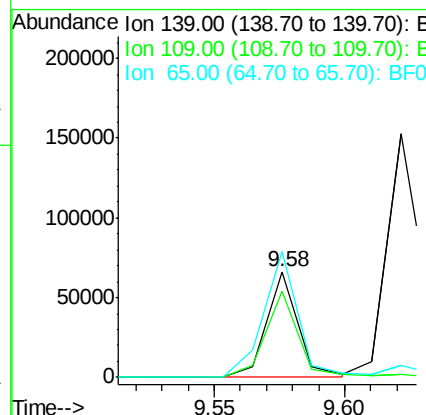
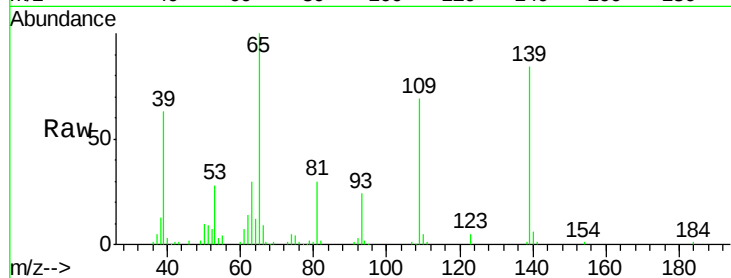




#55
4-Nitrophenol
Concen: 47.32 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

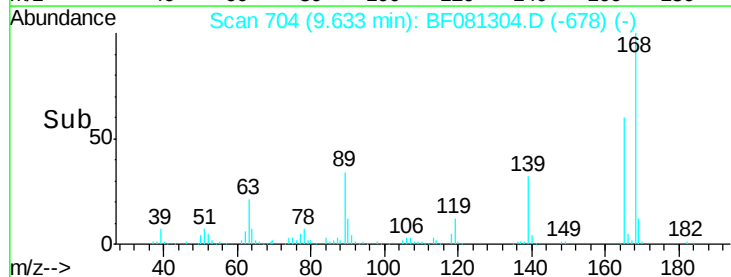
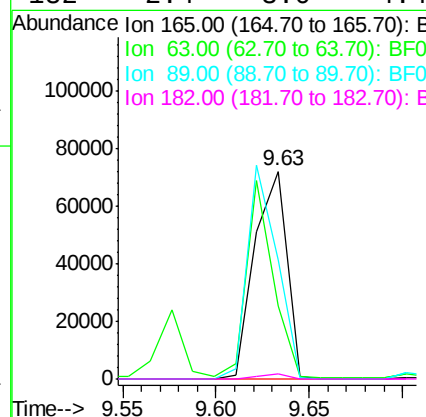
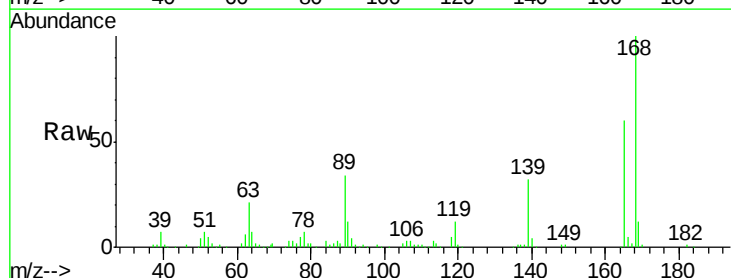
Instrument :
BNA_F
ClientSampleId :

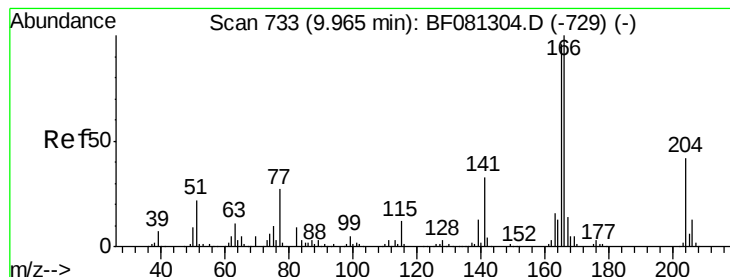
Tot Ion:139 Resp: 56119
Ion Ratio Lower Upper
139 100
109 82.1 12.7 52.7#
65 118.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion:165 Resp: 86114
Ion Ratio Lower Upper
165 100
63 35.2 29.8 44.6
89 57.4 44.5 66.7
182 2.4 3.0 4.4#





#57

Fluorene

Concen: 40.00 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

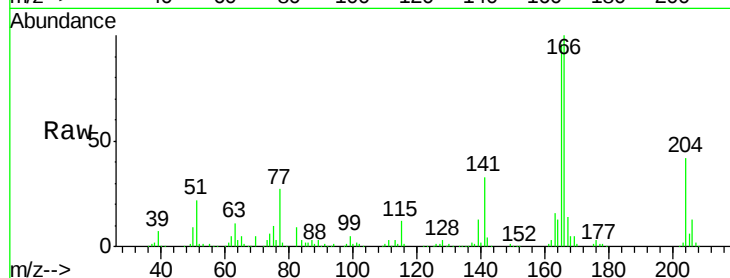
Tot Ion:166 Resp: 300651

Ion Ratio Lower Upper

166 100

165 96.4 72.6 109.0

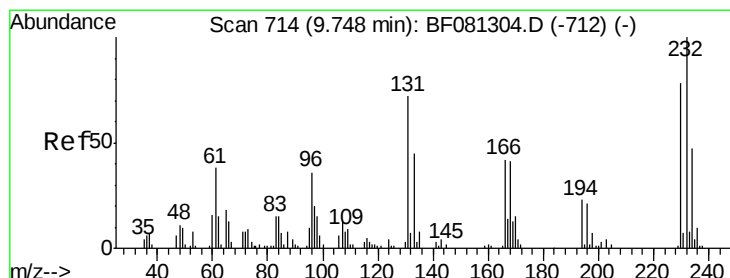
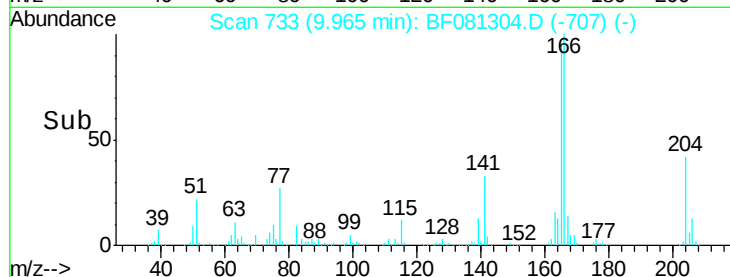
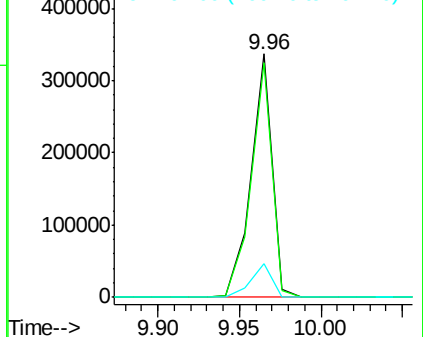
167 13.7 10.6 16.0



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: 39.46 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion:232 Resp: 62492

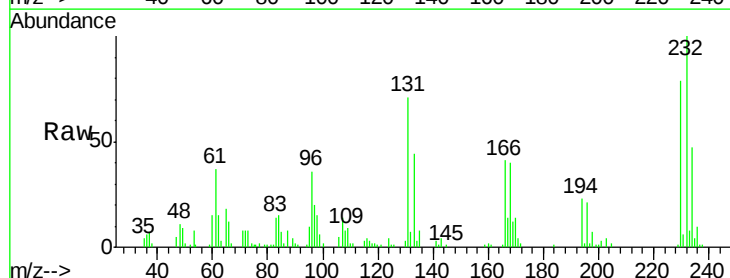
Ion Ratio Lower Upper

232 100

131 56.9 38.5 57.7

130 2.5 1.8 2.6

166 34.2 25.0 37.6

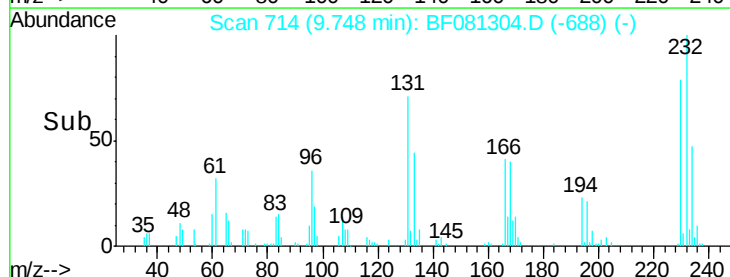
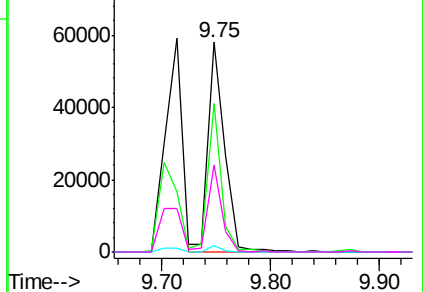


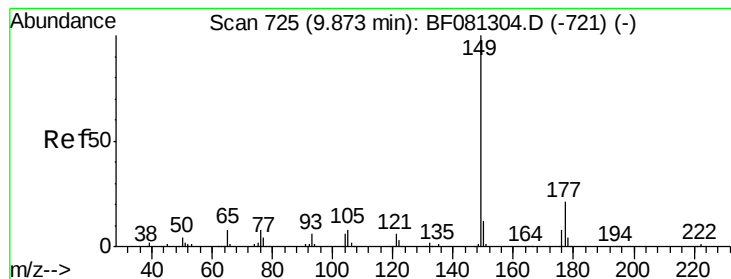
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.07 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

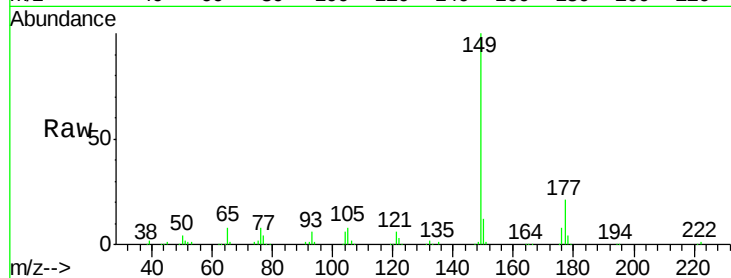
Tot Ion:149 Resp: 312875

Ion Ratio Lower Upper

149 100

177 21.5 17.5 26.3

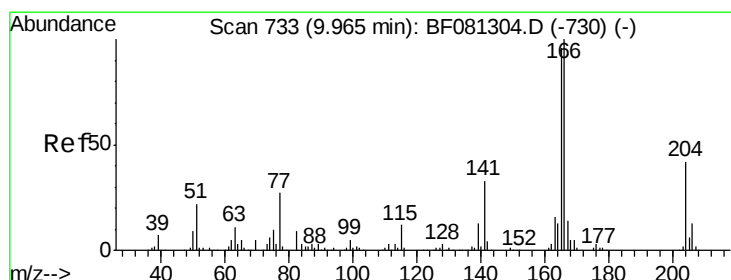
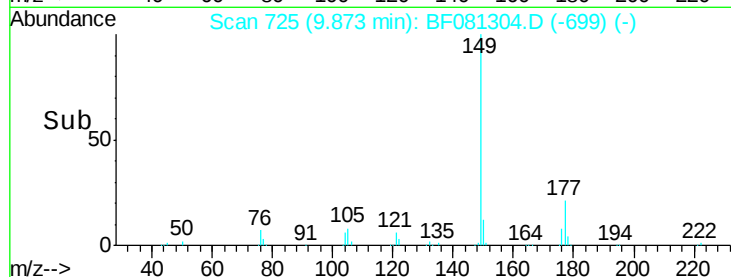
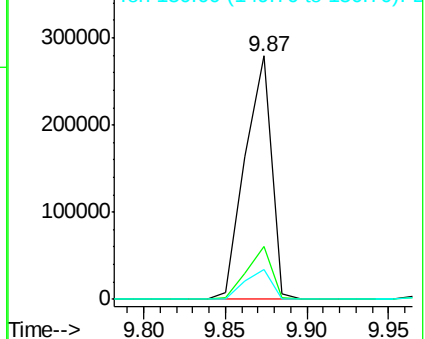
150 12.4 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.56 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

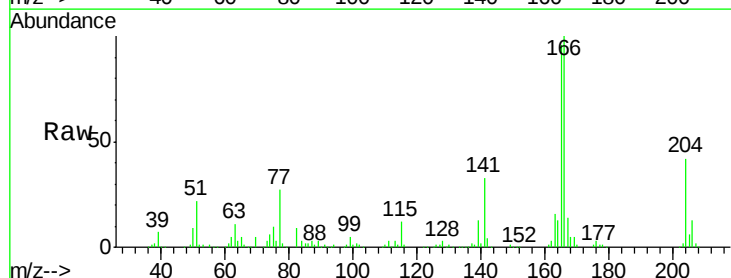
Tgt Ion:204 Resp: 126614

Ion Ratio Lower Upper

204 100

206 31.9 24.8 37.2

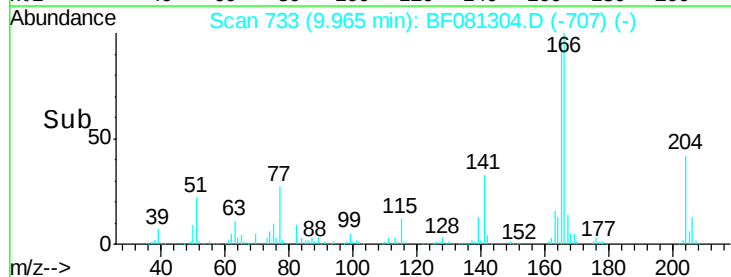
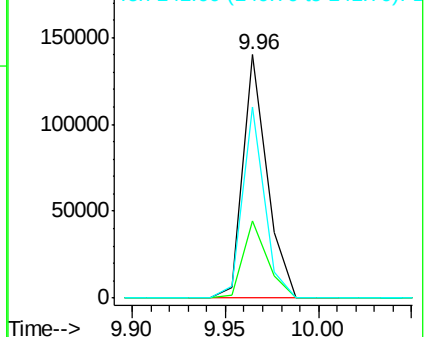
141 78.4 42.2 63.4#

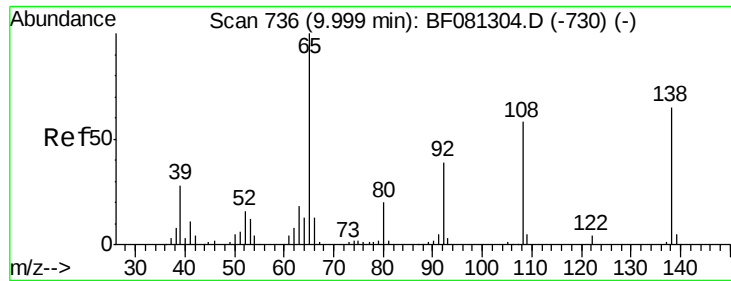


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.40 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

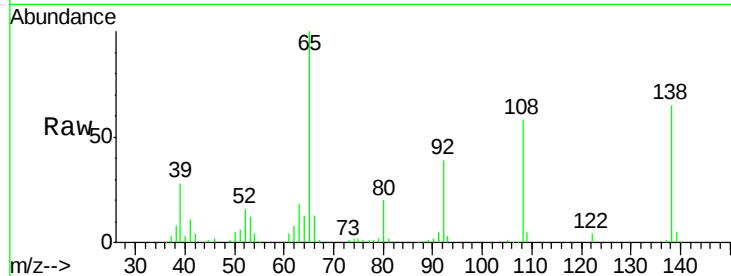
Tot Ion:138 Resp: 72733

Ion Ratio Lower Upper

138 100

92 59.6 12.6 52.6#

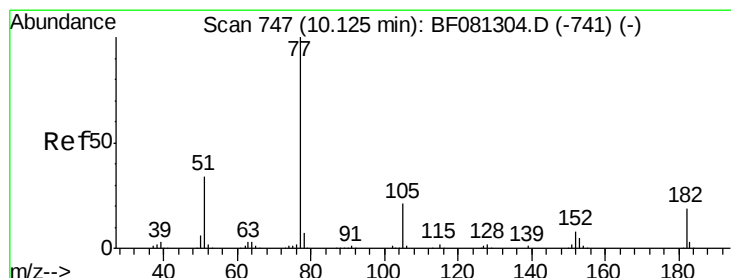
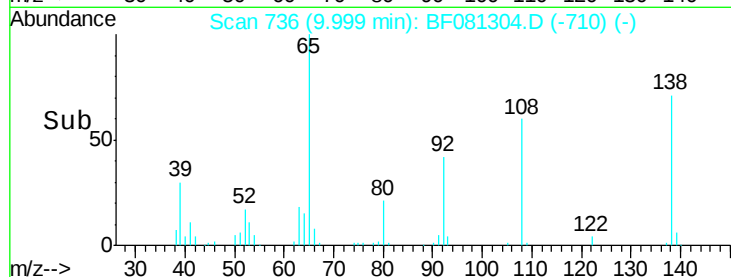
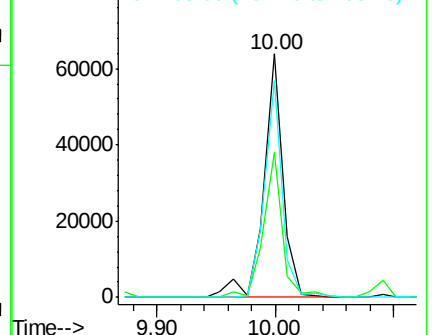
108 89.0 12.4 52.4#



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: 40.28 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion: 77 Resp: 367363

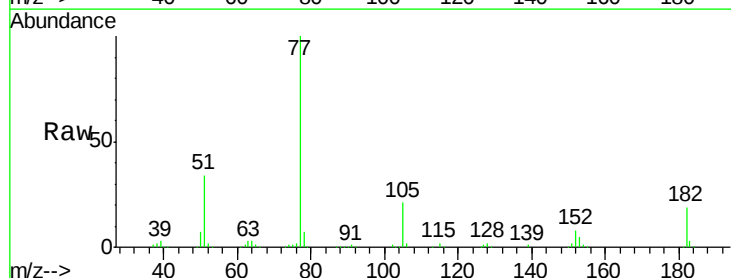
Ion Ratio Lower Upper

77 100

182 19.0 15.1 55.1

105 21.2 3.4 43.4

51 34.3 12.0 52.0

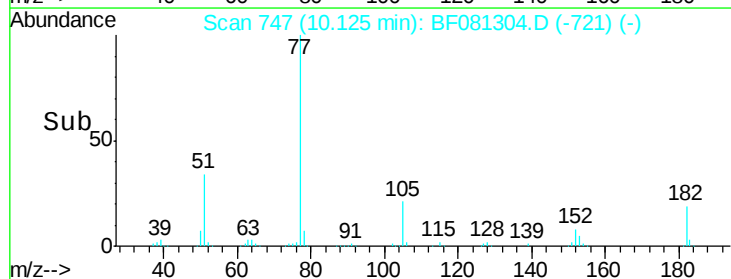
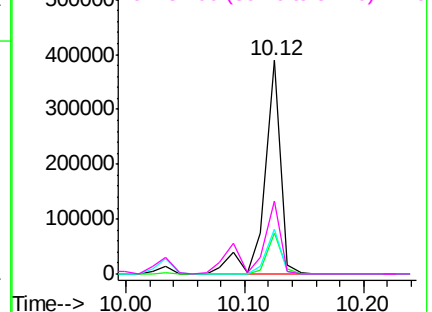


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

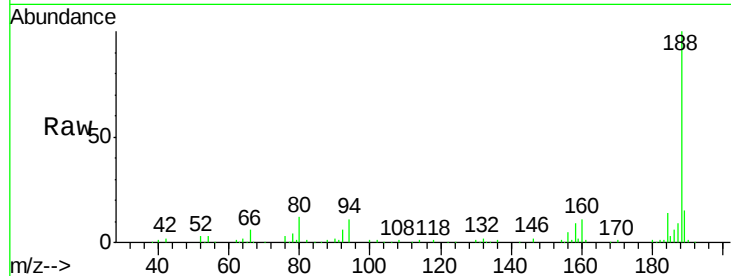




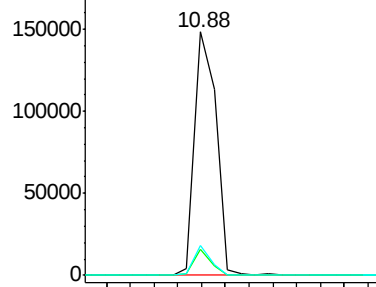
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

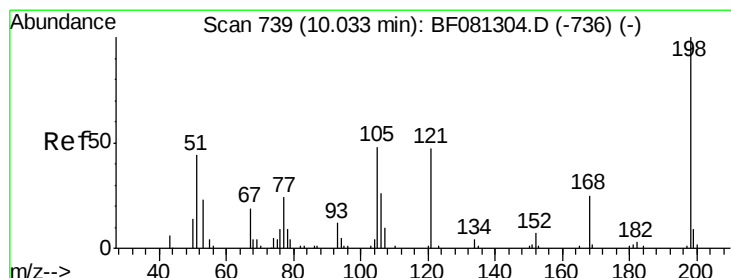
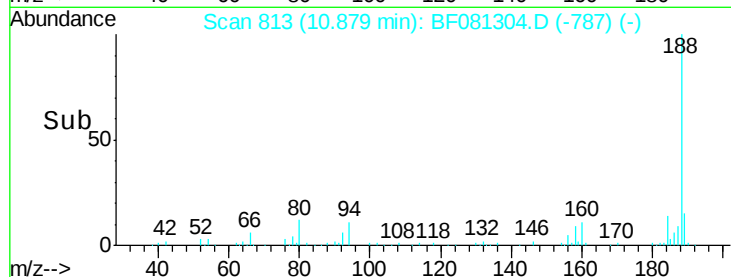
Tot Ion:188 Resp: 186659
 Ion Ratio Lower Upper
 188 100
 94 10.9 11.1 16.7#
 80 12.0 11.0 16.4



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

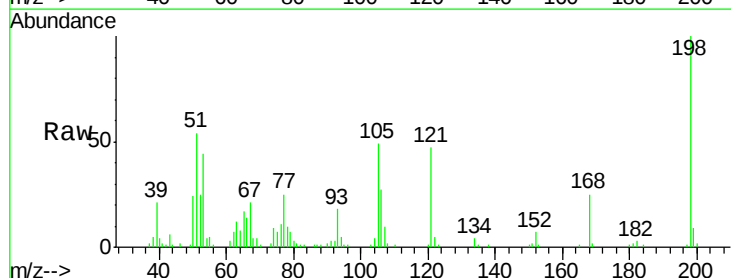


Time--> 10.80 10.90 11.00

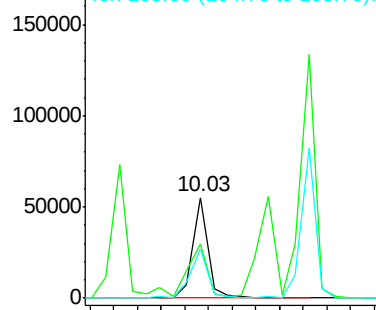


#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.69 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

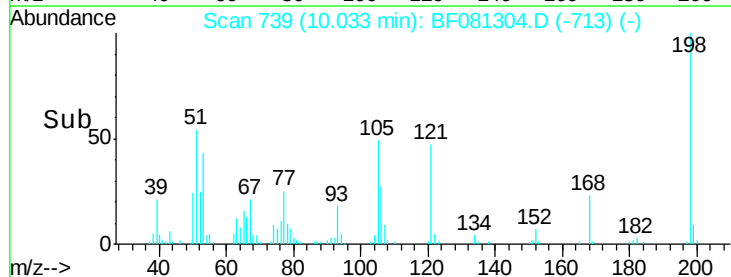
Tgt Ion:198 Resp: 48251
 Ion Ratio Lower Upper
 198 100
 51 54.1 39.6 79.6
 105 49.4 28.5 68.5

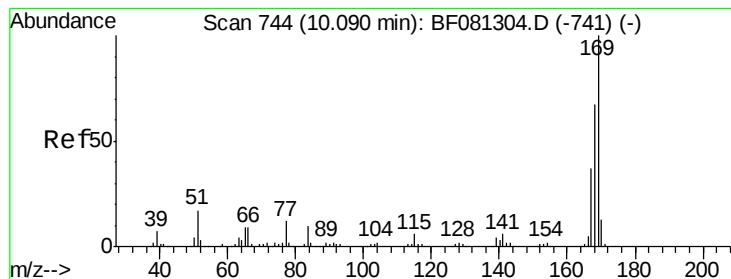


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E



Time--> 10.00 10.10





#65

n-Nitrosodiphenylamine

Concen: 38.84 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

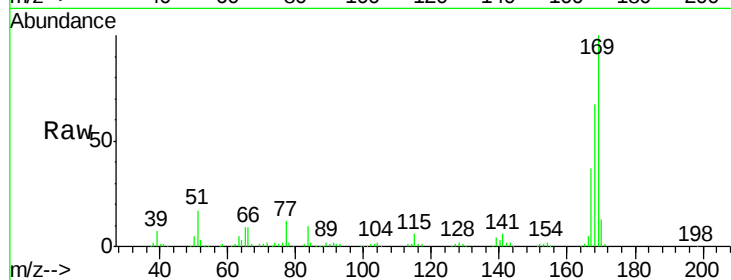
Tot Ion:169 Resp: 272676

Ion Ratio Lower Upper

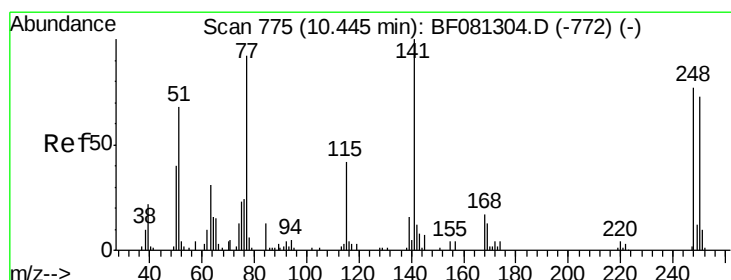
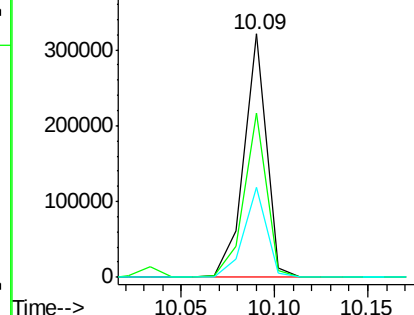
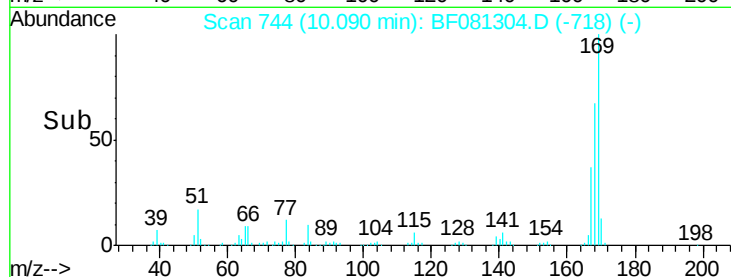
169 100

168 67.3 48.9 73.3

167 37.2 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: 35.60 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

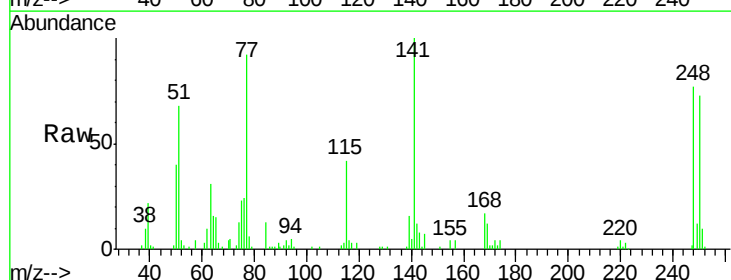
Tgt Ion:248 Resp: 67367

Ion Ratio Lower Upper

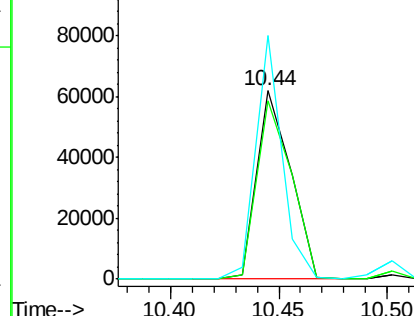
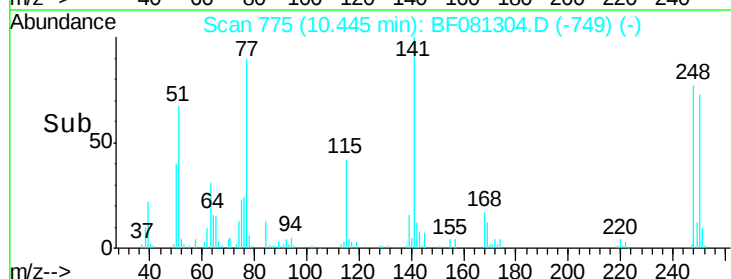
248 100

250 94.6 78.5 117.7

141 129.3 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: 37.08 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

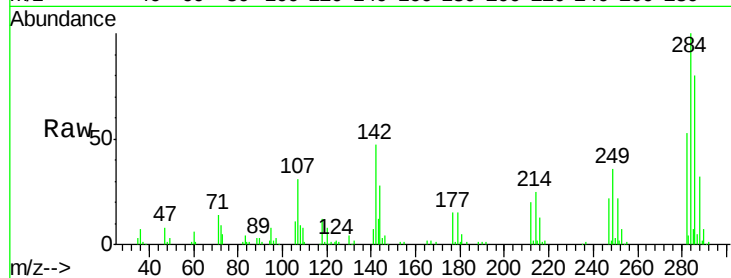
Tot Ion:284 Resp: 73980

Ion Ratio Lower Upper

284 100

142 47.0 29.5 44.3#

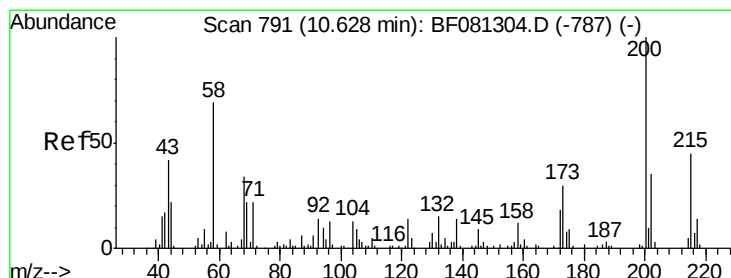
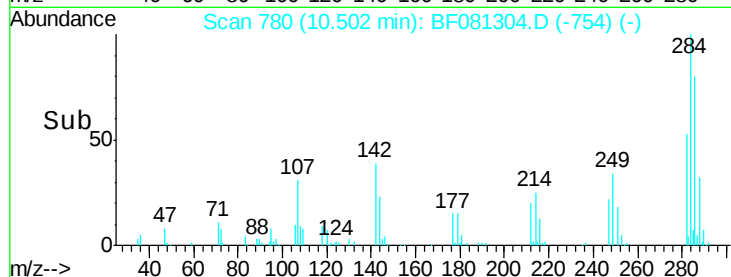
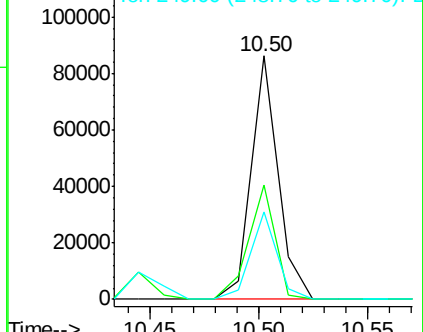
249 36.1 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.75 ng

RT: 10.63 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

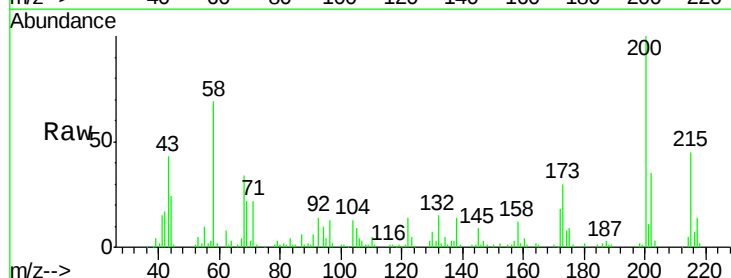
Tgt Ion:200 Resp: 76394

Ion Ratio Lower Upper

200 100

173 29.8 13.2 53.2

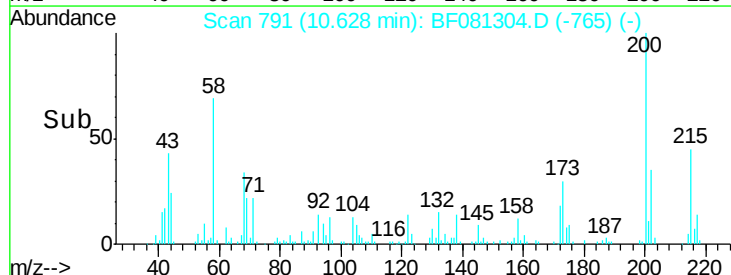
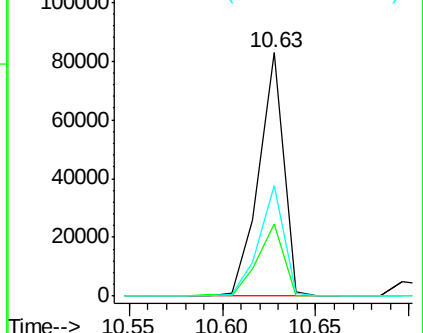
215 45.1 41.8 81.8



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

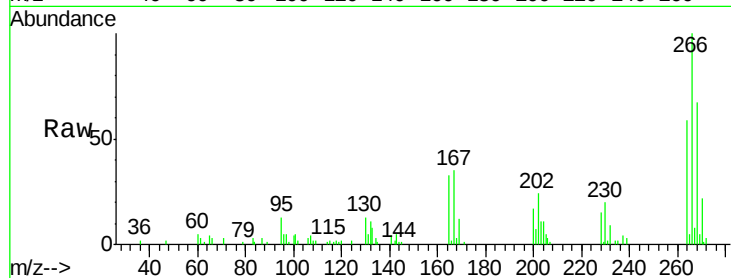




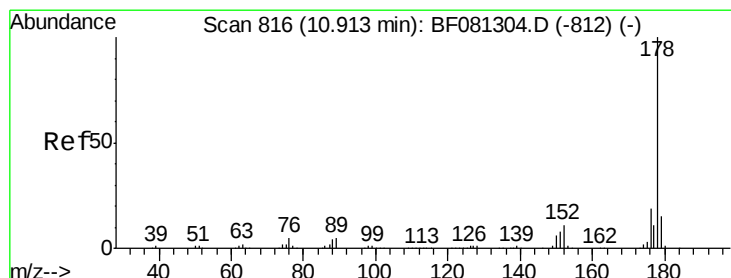
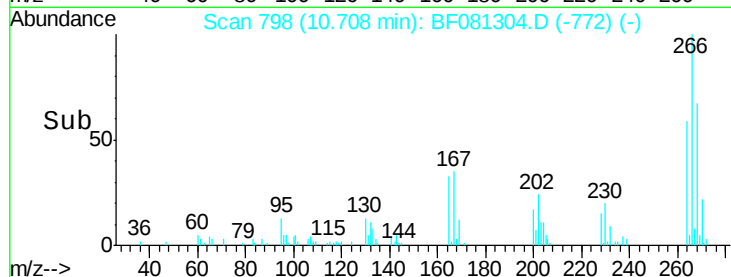
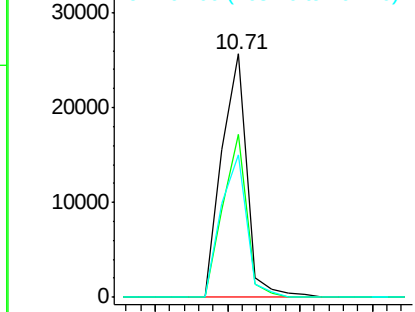
#69
 Pentachlorophenol
 Concen: 51.34 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 30806
 Ion Ratio Lower Upper
 266 100
 268 67.0 49.8 74.6
 264 58.7 50.2 75.2

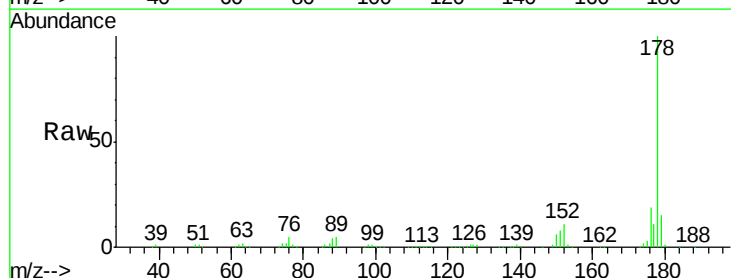


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

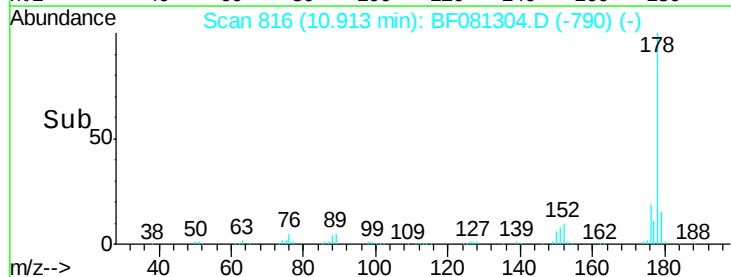
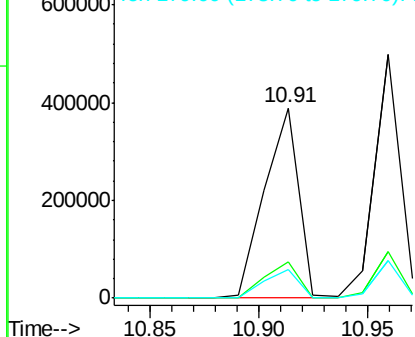


#70
 Phenanthrene
 Concen: 38.86 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:178 Resp: 428752
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.3 12.2 18.2



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

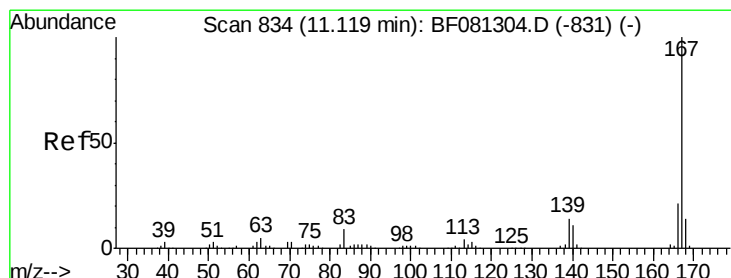
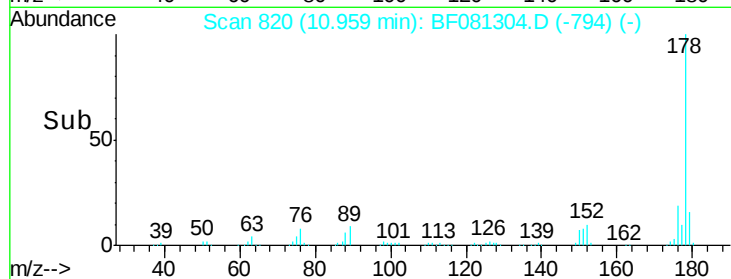
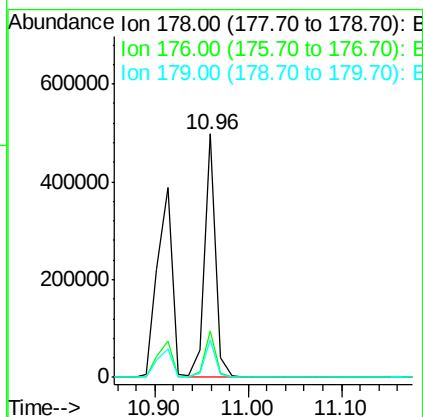
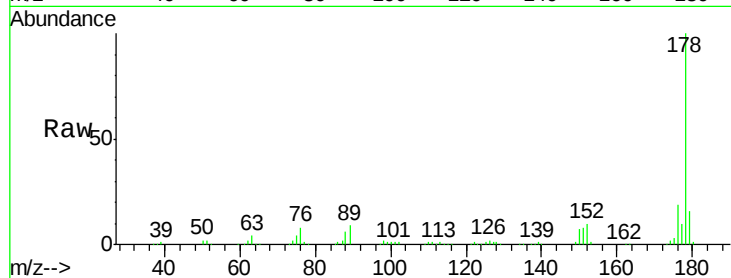




#71
 Anthracene
 Concen: 37.54 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

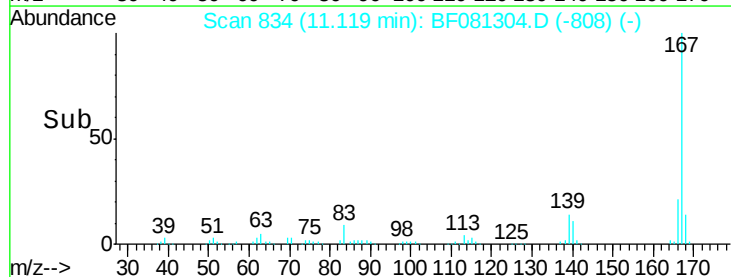
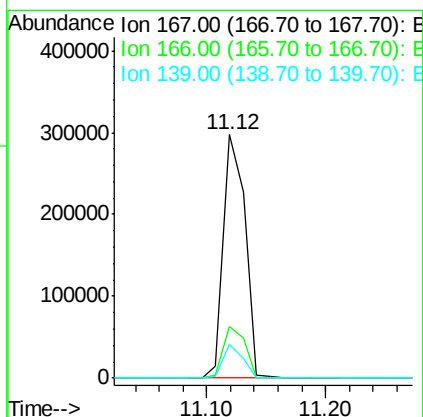
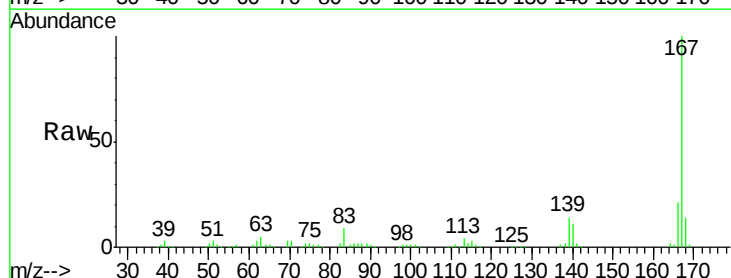
Instrument :
 BNA_F
 ClientSampleId :

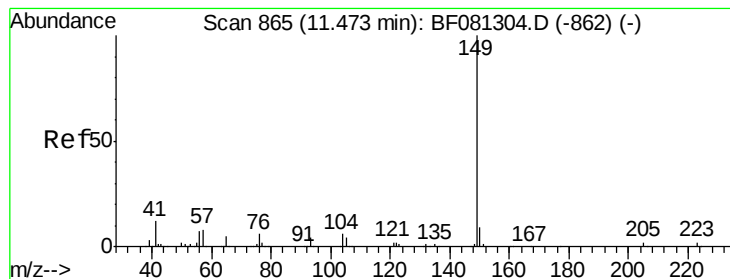
Tot Ion:178 Resp: 414205
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.6 12.2 18.2



#72
 Carbazole
 Concen: 36.14 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:167 Resp: 375200
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 14.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 38.22 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

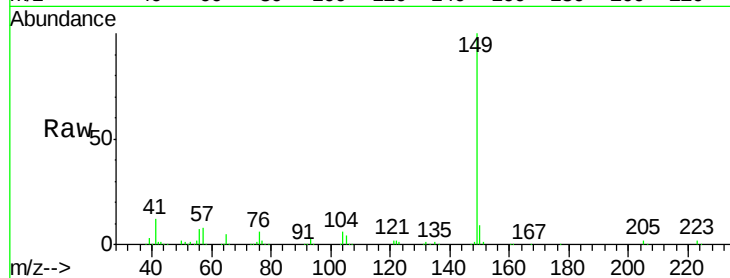
Tot Ion:149 Resp: 445426

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

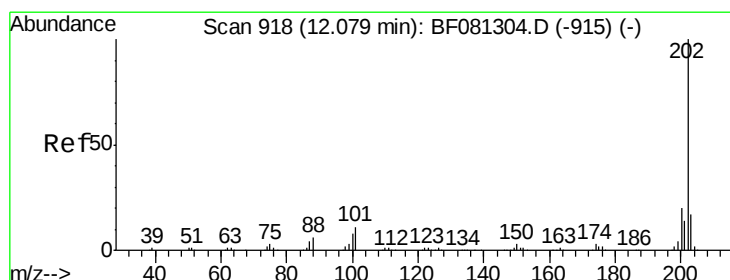
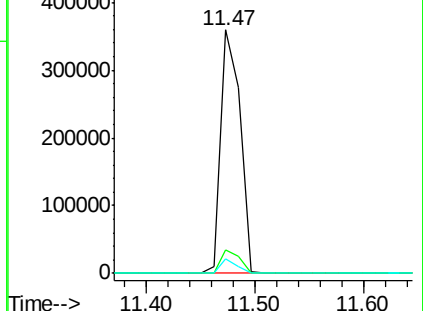
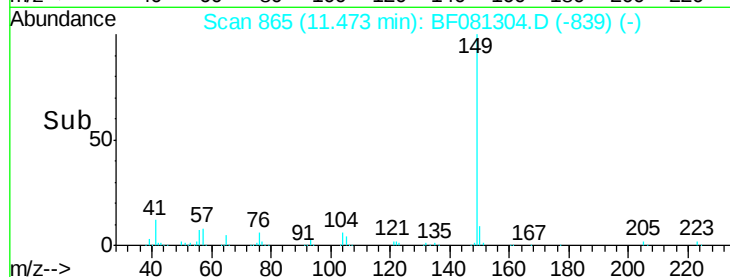
104 5.8 2.4 3.6#



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: 36.39 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

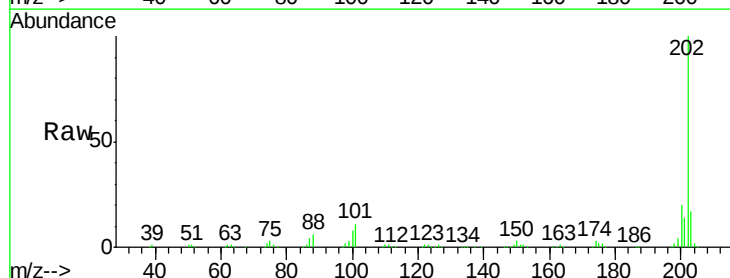
Tgt Ion:202 Resp: 420885

Ion Ratio Lower Upper

202 100

101 10.8 0.0 38.3

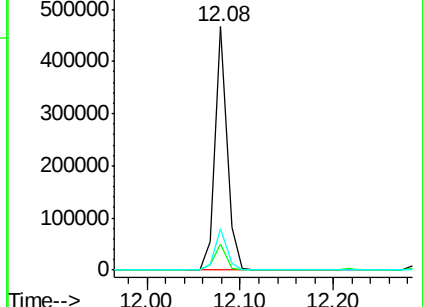
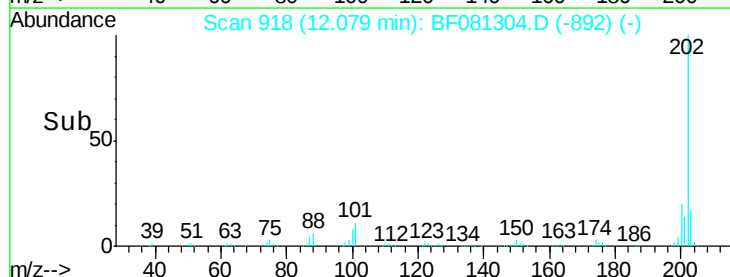
203 17.2 0.0 37.3

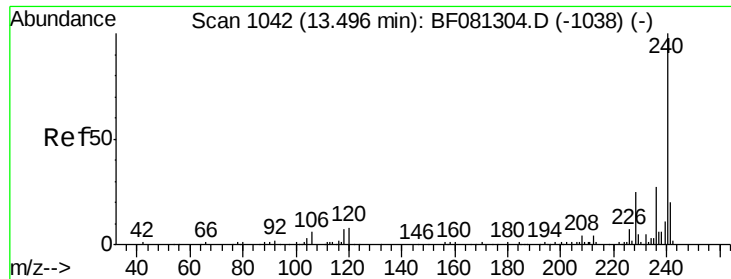


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

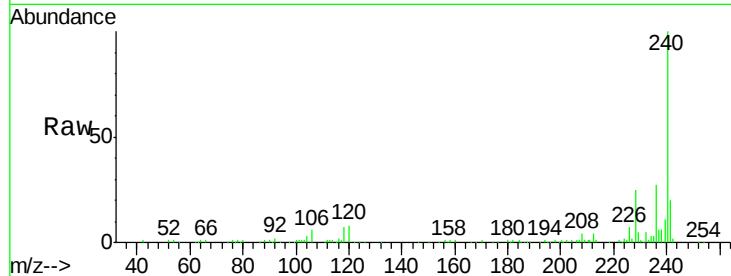
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 163650

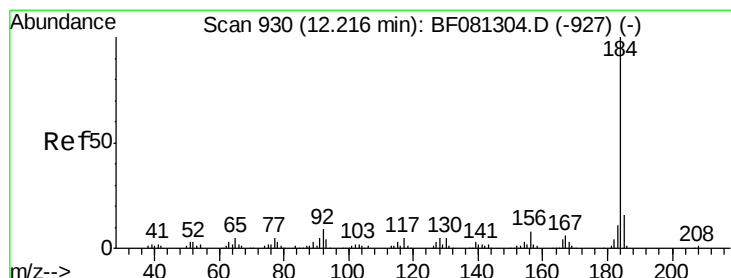
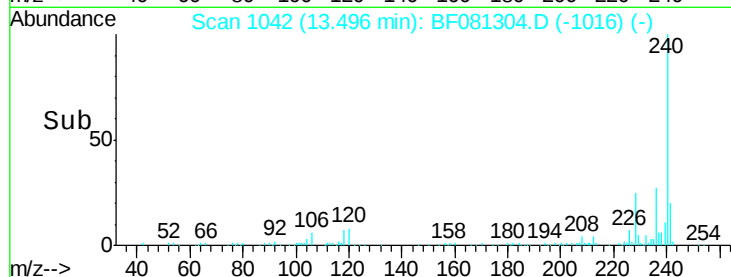
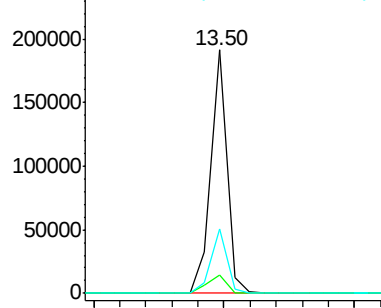
Ion	Ratio	Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	26.5	18.4	27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.34 ng

RT: 12.22 min Scan# 930

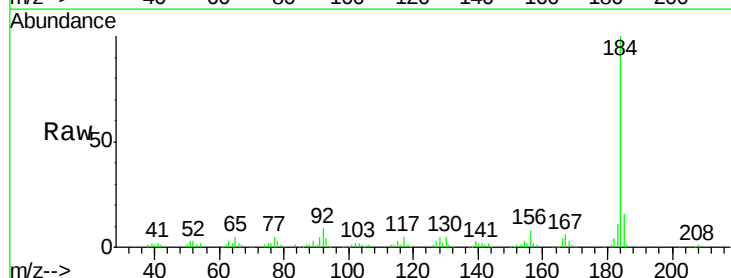
Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Tgt Ion:184 Resp: 246132

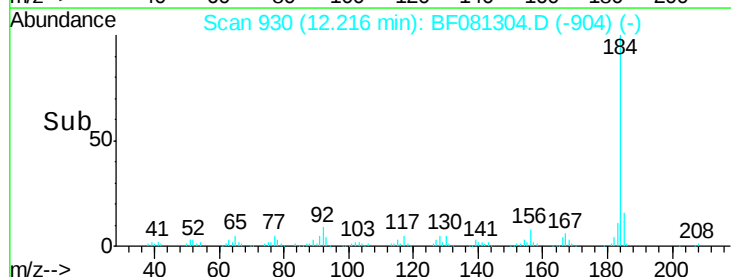
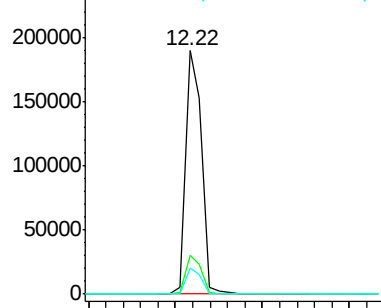
Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.8	17.6
183	10.8	7.6	11.4

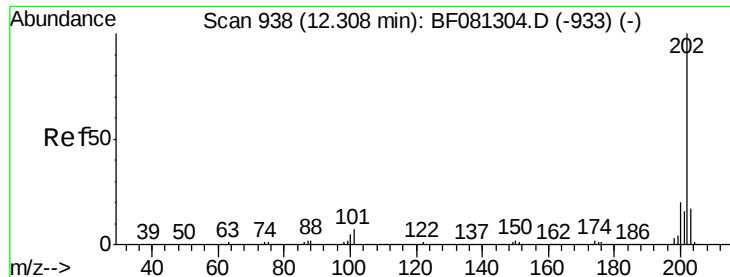


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

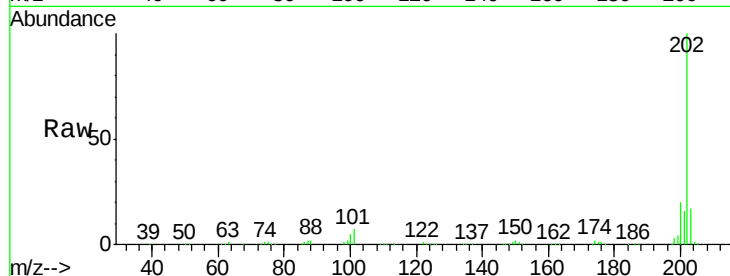




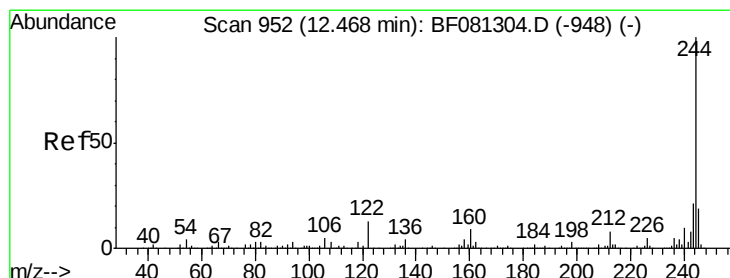
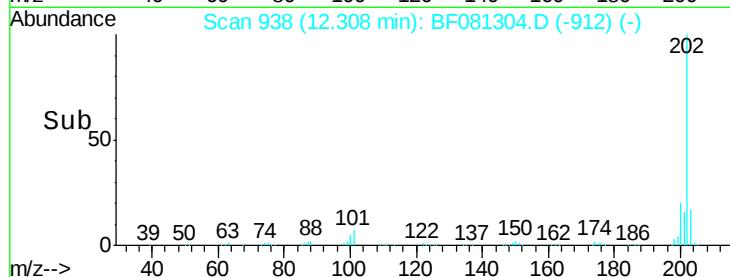
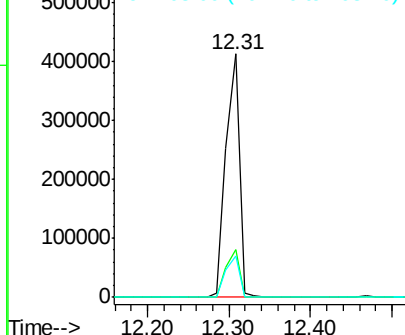
#77
Pvrene
Concen: 38.45 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 470127
Ion Ratio Lower Upper
202 100
200 19.9 15.0 22.4
203 17.0 14.1 21.1

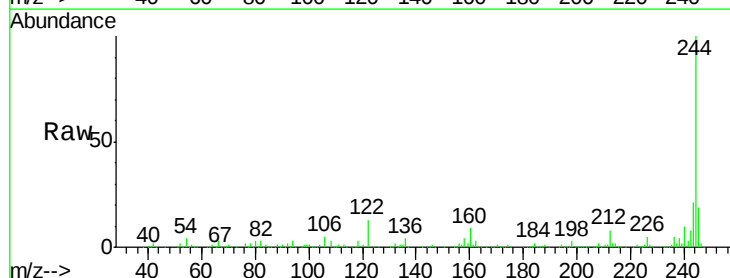


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

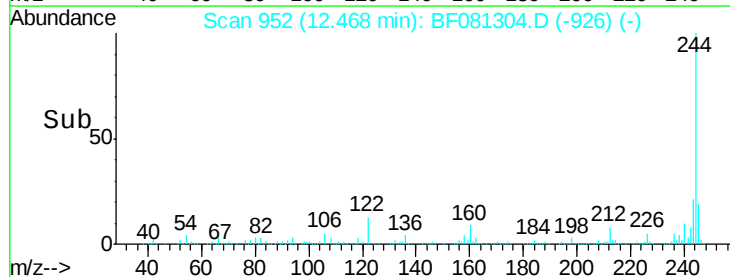
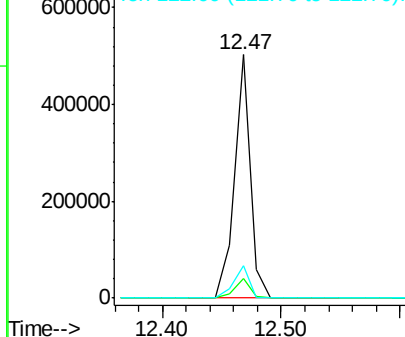


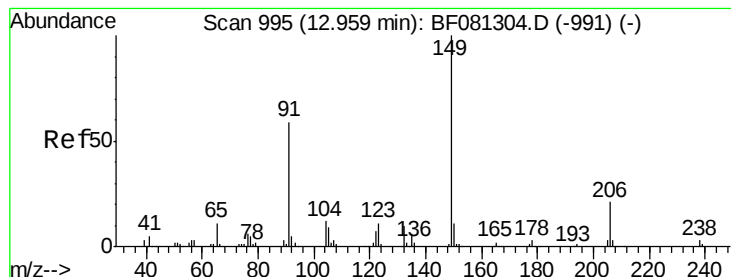
#78
Terphenyl-d14
Concen: 34.15 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion:244 Resp: 463798
Ion Ratio Lower Upper
244 100
212 8.1 4.3 6.5#
122 13.1 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: 40.62 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

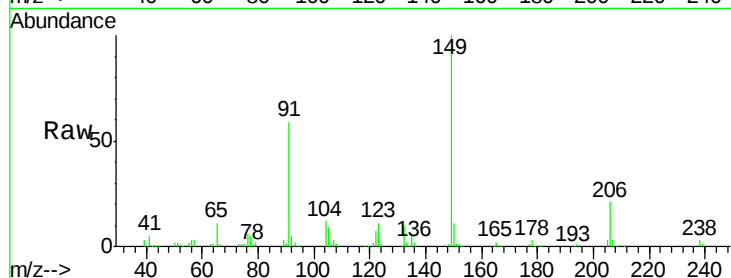
Tot Ion:149 Resp: 191993

Ion Ratio Lower Upper

149 100

91 59.1 48.6 72.8

206 20.6 14.9 22.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

200000

150000

100000

50000

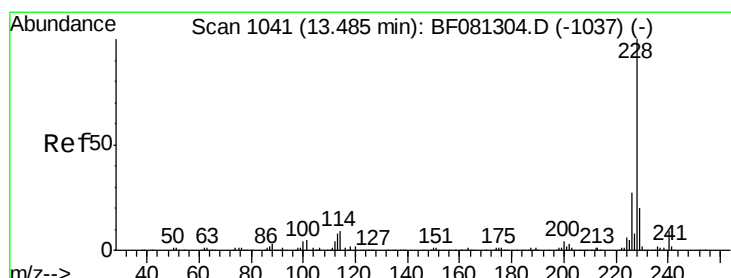
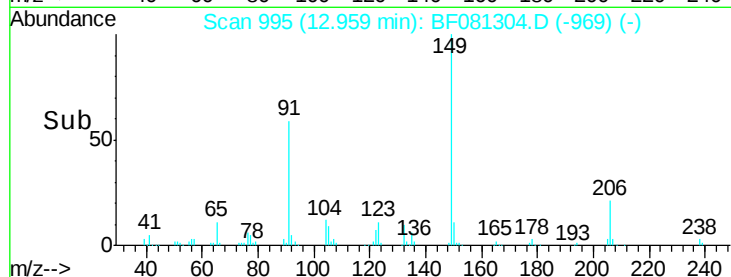
0

12.90

12.95

13.00

Time-->



#80

Benzo(a)anthracene

Concen: 38.71 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

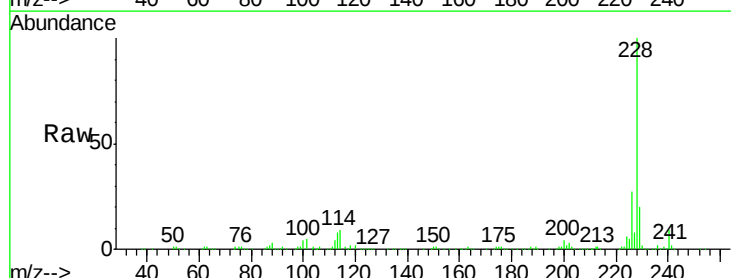
Tgt Ion:228 Resp: 403777

Ion Ratio Lower Upper

228 100

226 27.3 20.0 30.0

229 19.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

500000

400000

300000

200000

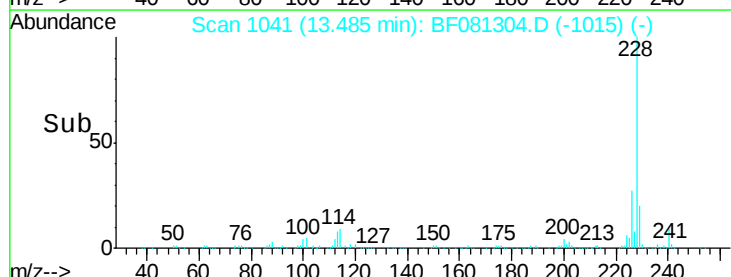
100000

0

13.45

13.50

Time-->

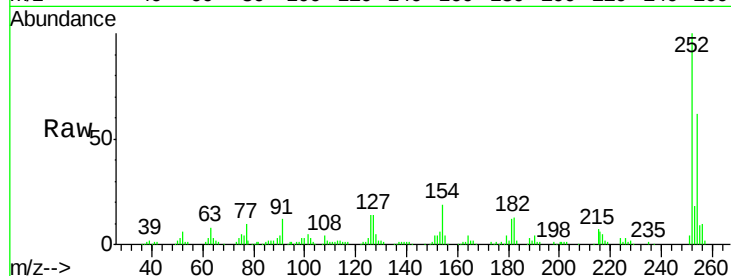




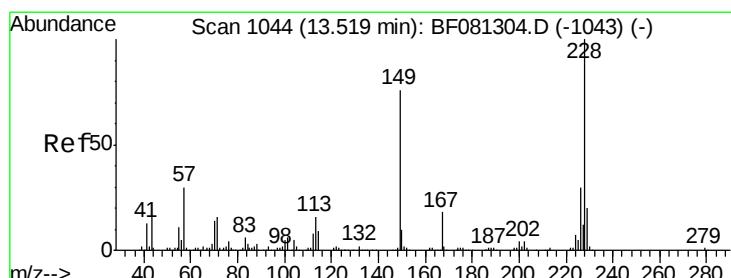
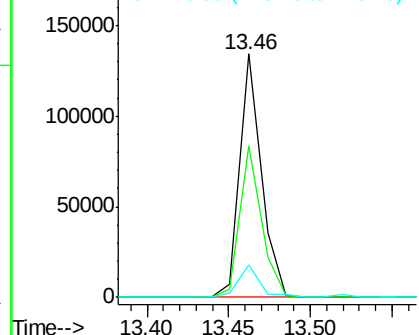
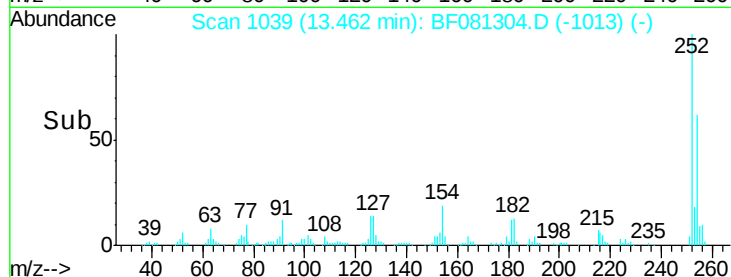
#81
 3,3'-Dichlorobenzidine
 Concen: 36.62 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.4	77.2
126	13.6	16.4	24.6

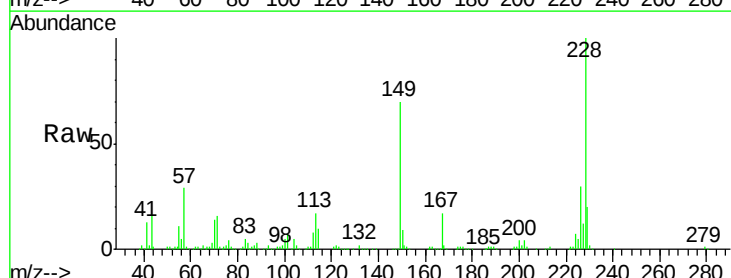


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

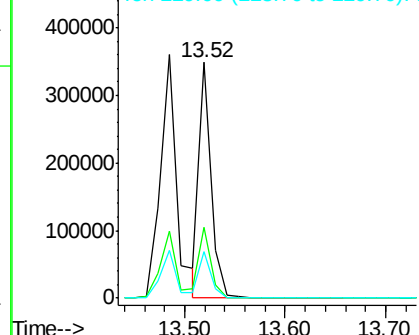
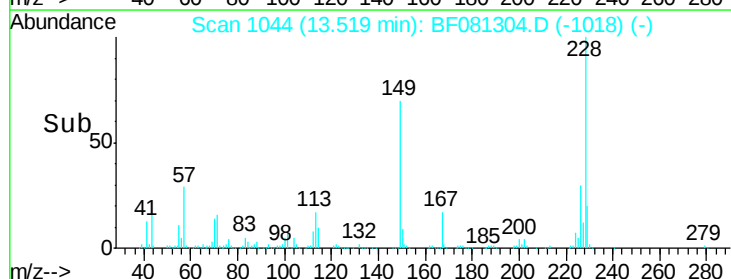


#82
 Chrysene
 Concen: 31.66 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.0	31.4
229	19.7	15.6	23.4



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

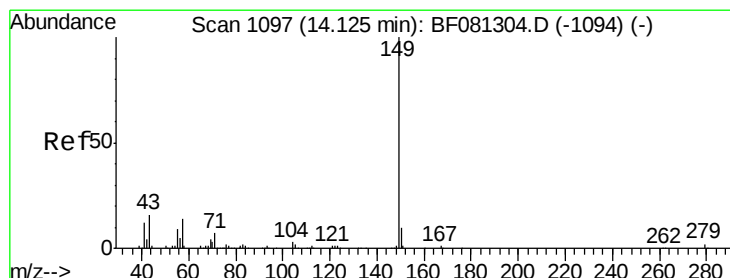
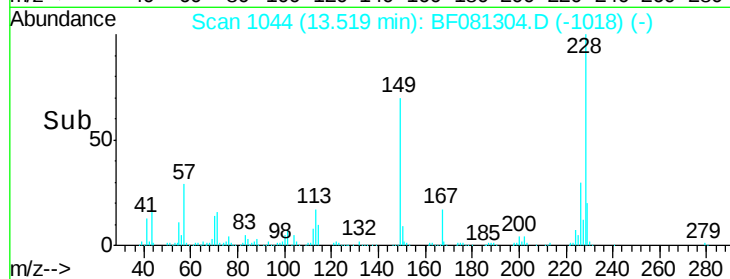
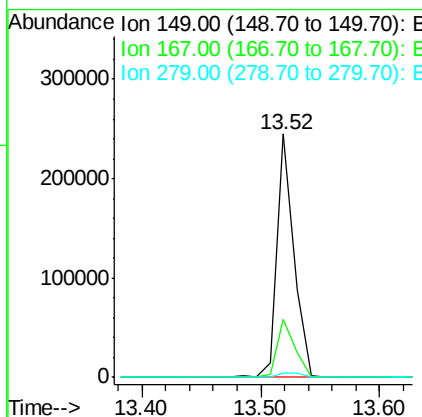
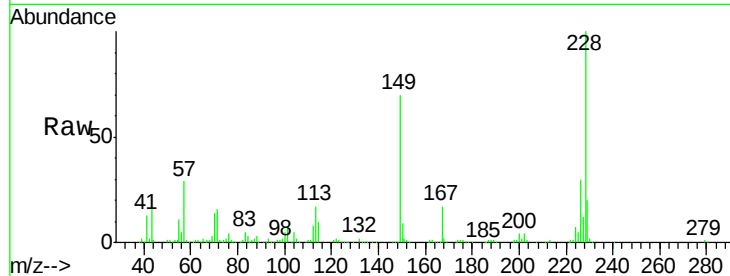




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.41 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

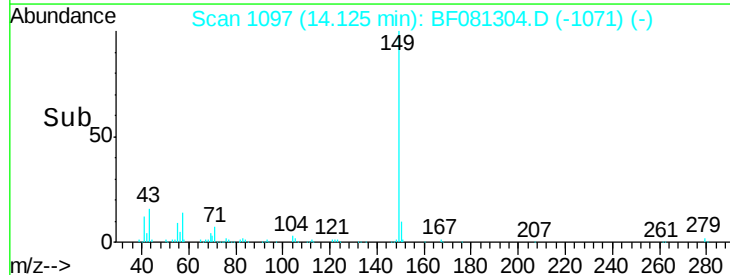
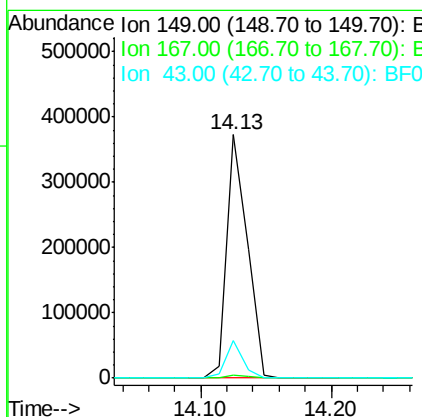
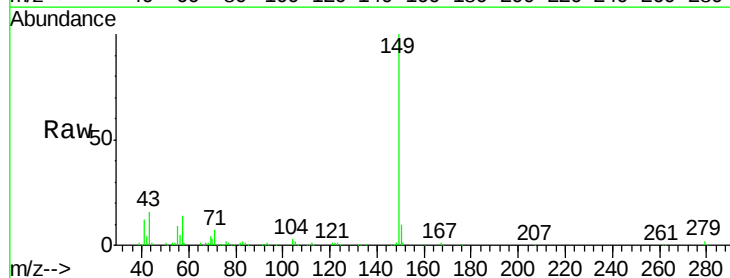
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 241029
 Ion Ratio Lower Upper
 149 100
 167 24.1 24.2 36.2#
 279 1.8 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 38.99 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion:149 Resp: 407009
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.0 10.2 15.2

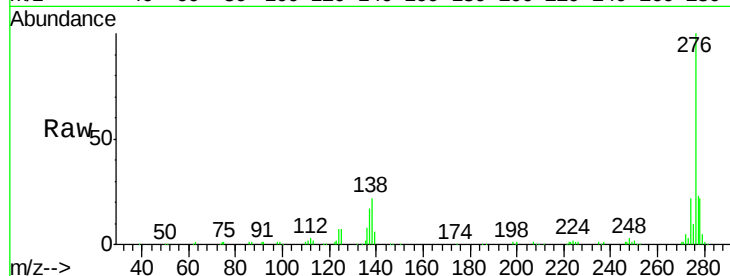




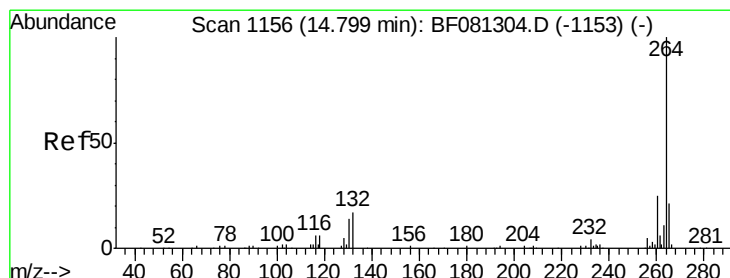
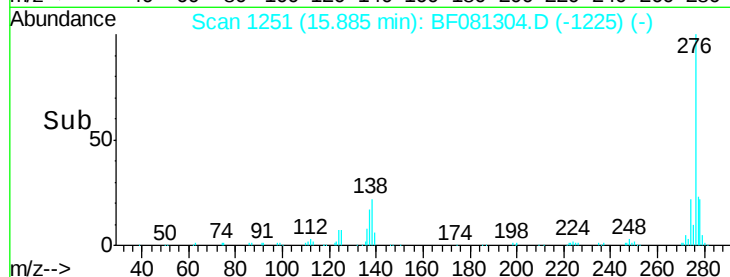
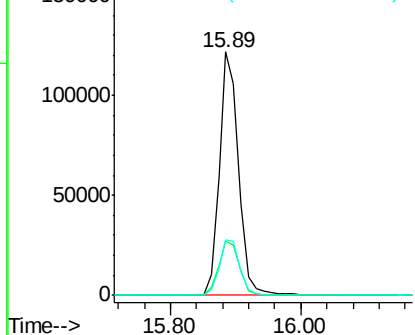
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.81 ng
 RT: 15.89 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	25.7	38.5#
277	24.0	15.6	23.4#

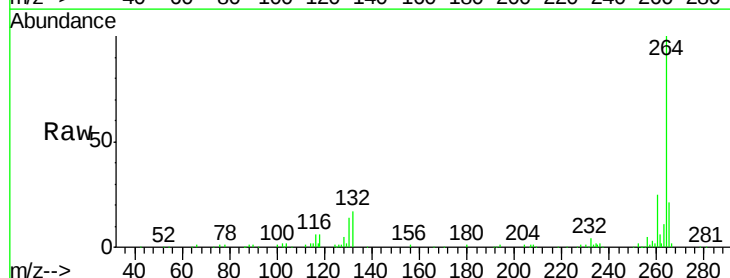


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

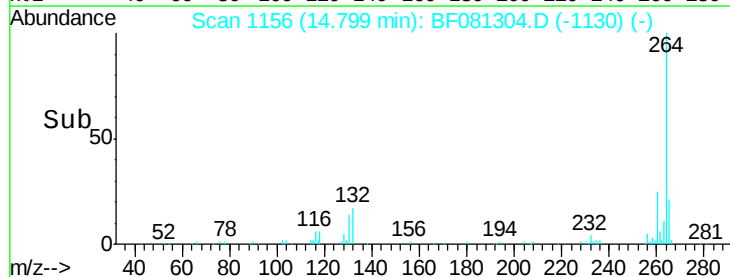
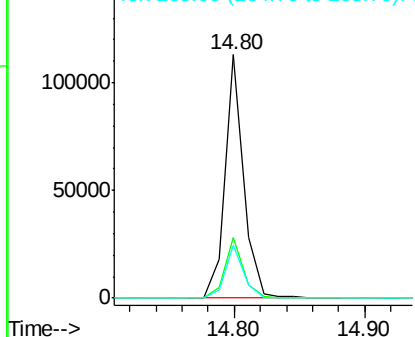


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

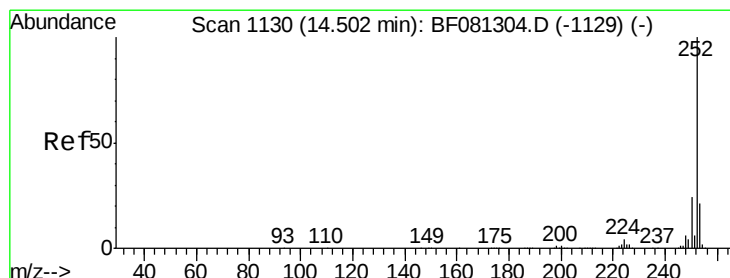
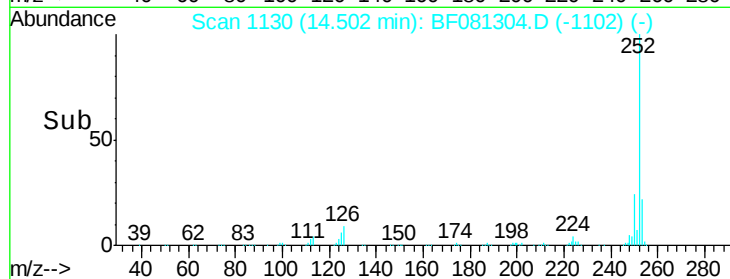
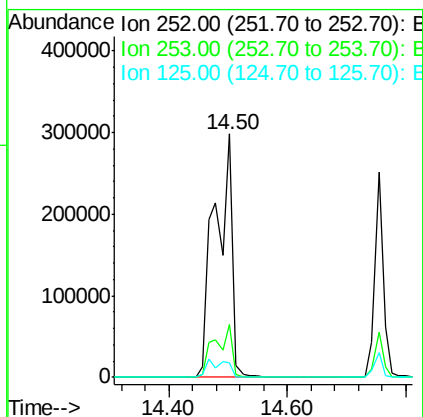
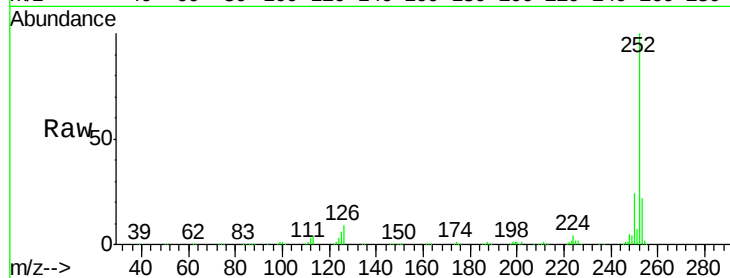




#87
Benzo(b)fluoranthene
Concen: 76.20 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

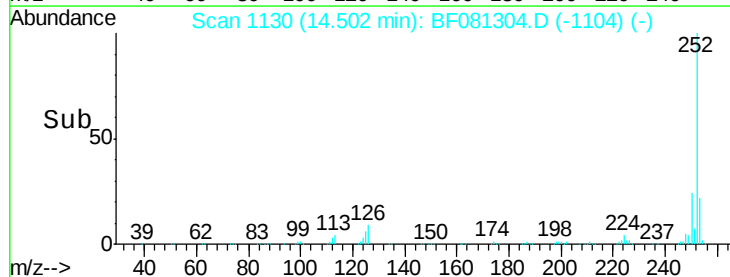
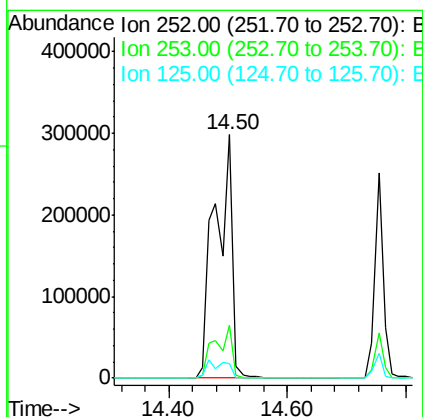
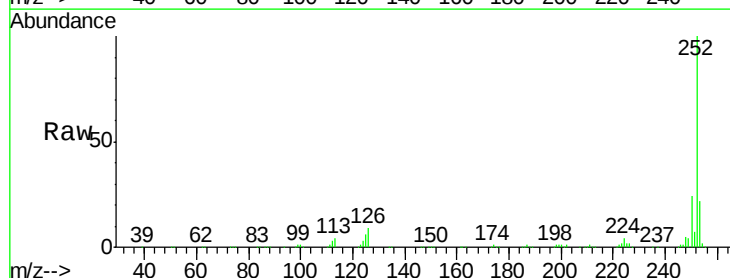
Instrument :
BNA_F
ClientSampleId :

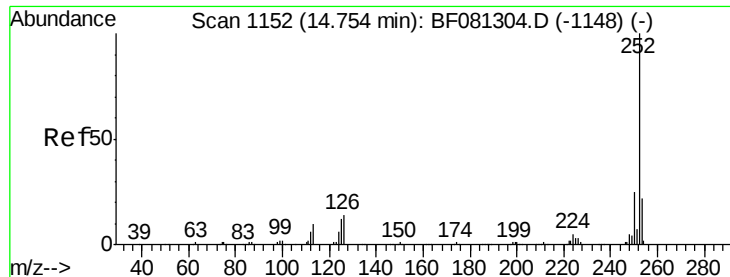
Tot Ion:252 Resp: 613497
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.9 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 89.31 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081304.D
Acq: 1 Sep 2015 15:13

Tgt Ion:252 Resp: 613497
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 5.9 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 37.68 ng

RT: 14.75 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

Instrument :

BNA_F

ClientSampleId :

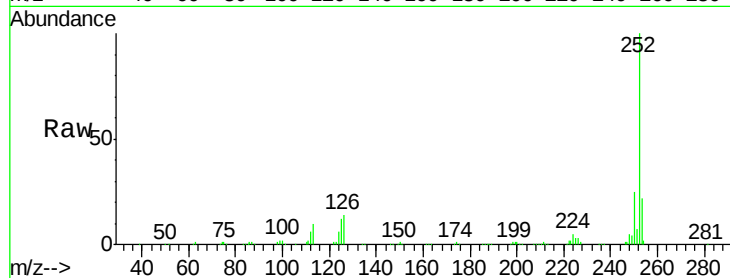
Tot Ion:252 Resp: 255181

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

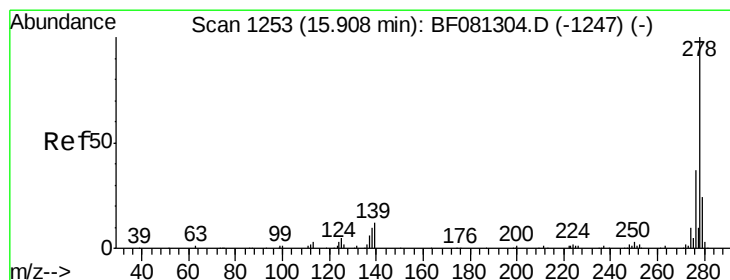
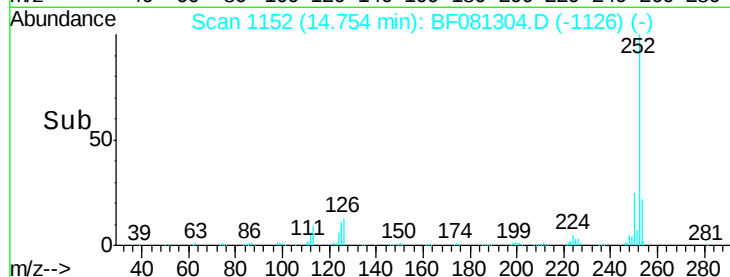
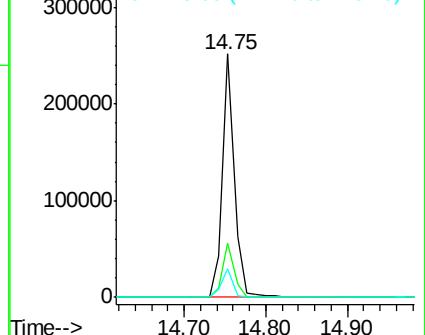
125 11.8 18.0 27.0#



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: 41.26 ng

RT: 15.91 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF081304.D

Acq: 1 Sep 2015 15:13

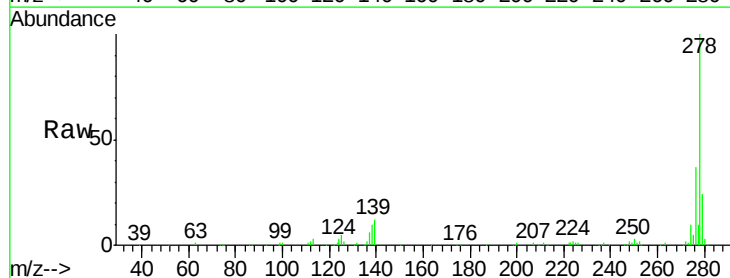
Tgt Ion:278 Resp: 209502

Ion Ratio Lower Upper

278 100

139 11.6 26.3 39.5#

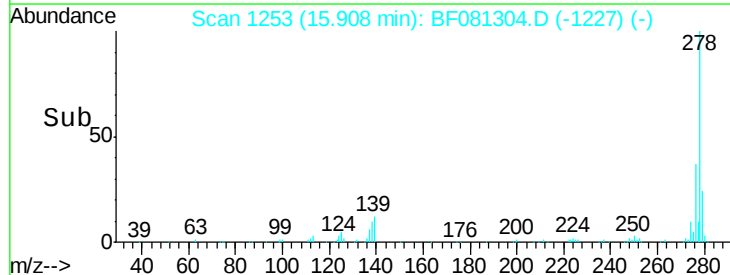
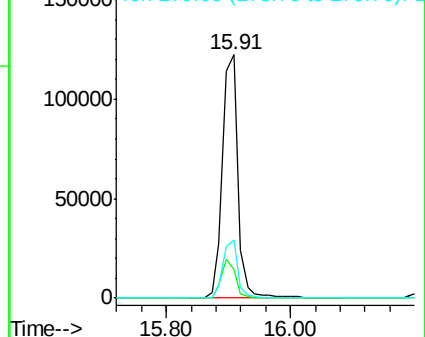
279 23.7 18.2 27.4

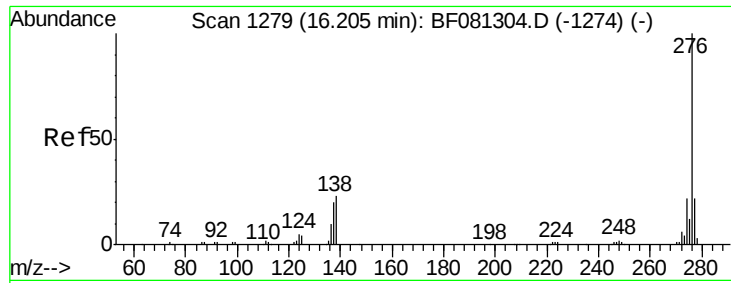


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

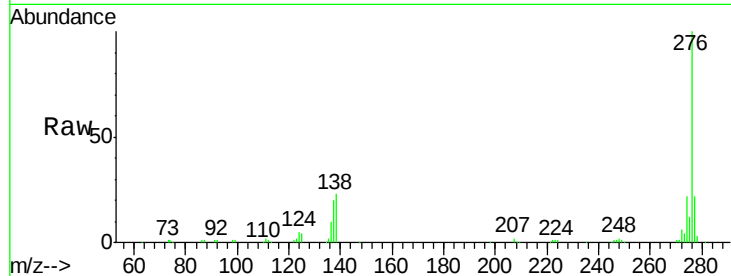




#91
 Benzo(a,h,i)perylene
 Concen: 40.31 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF081304.D
 Acq: 1 Sep 2015 15:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 195471
 Ion Ratio Lower Upper
 276 100
 277 22.3 17.8 26.6
 138 22.8 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

