

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081046.D
 Acq On : 18 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85041BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 00:38:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	56266	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	246335	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	111935	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	226792	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	202978	20.00	ng	-0.01
86) Perylene-d12	15.07	264	173835	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	290152	77.56	ng	0.00
7) Phenol-d6	6.25	99	382702	78.41	ng	-0.01
23) Nitrobenzene-d5	7.18	82	334174	61.97	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	67099	69.15	ng	-0.02
44) 2-Fluorobiphenyl	8.97	172	559405	65.48	ng	-0.02
78) Terphenyl-d14	12.70	244	612047	64.64	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	49272	27.95	ng	93
3) Pyridine	2.71	79	167564	33.68	ng	# 83
4) n-Nitrosodimethylamine	2.66	42	89863	32.44	ng	83
6) Aniline	6.26	93	179139	25.24	ng	# 41
8) 2-Chlorophenol	6.39	128	151615	37.03	ng	99
9) Benzaldehyde	6.15	77	92419	29.37	ng	91
10) Phenol	6.27	94	211406	36.67	ng	80
11) bis(2-Chloroethyl)ether	6.35	93	177636	40.16	ng	97
12) 1,3-Dichlorobenzene	6.55	146	161377	36.68	ng	99
13) 1,4-Dichlorobenzene	6.63	146	159510	36.61	ng	99
14) 1,2-Dichlorobenzene	6.78	146	146892	36.03	ng	97
15) Benzyl Alcohol	6.76	79	160973	40.76	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	321030	36.94	ng	99
17) 2-Methylphenol	6.88	107	124561	35.45	ng	97
18) Hexachloroethane	7.12	117	62243	35.36	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	125454	37.10	ng	91
20) 3+4-Methylphenols	7.04	107	167257	37.51	ng	# 49
22) Acetophenone	7.03	105	225755	34.91	ng	# 89
24) Nitrobenzene	7.20	77	203298	36.06	ng	98
25) Isophorone	7.44	82	331894	33.00	ng	99
26) 2-Nitrophenol	7.52	139	85483	36.46	ng	# 66
27) 2,4-Dimethylphenol	7.56	122	144600	34.86	ng	93
28) bis(2-Chloroethoxy)methane	7.66	93	201011	33.84	ng	100
29) 2,4-Dichlorophenol	7.76	162	126373	36.19	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	126824	32.67	ng	97
31) Naphthalene	7.92	128	474842	34.58	ng	99
32) Benzoic acid	7.70	122	105816	45.35	ng	93
33) 4-Chloroaniline	7.98	127	99964	17.25	ng	# 83
34) Hexachlorobutadiene	8.04	225	77186	35.17	ng	96
35) Caprolactam	8.34	113	29833	24.44	ng	94
36) 4-Chloro-3-methylphenol	8.47	107	161403	38.78	ng	89
37) 2-Methylnaphthalene	8.60	142	288800	33.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	132374	36.65	ng	98
40) Hexachlorocyclopentadiene	8.76	237	151362	80.97	ng	99

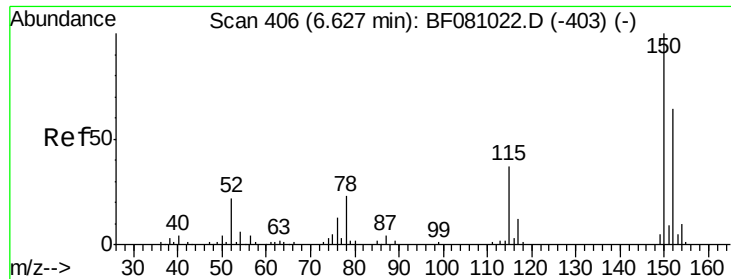
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081046.D
 Acq On : 18 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85041BSD
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	101633	39.83	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	88445	34.69	nq #	86
45) 1,1'-Biphenyl	9.07	154	402517	40.82	nq	97
46) 2-Chloronaphthalene	9.10	162	280323	35.39	nq	99
47) 2-Nitroaniline	9.19	65	103123	31.81	nq	98
48) Acenaphthylene	9.51	152	460716	32.52	nq	100
49) Dimethylphthalate	9.38	163	333756	36.20	nq	100
50) 2,6-Dinitrotoluene	9.44	165	76356	38.58	nq #	87
51) Acenaphthene	9.68	154	294322	34.70	nq	99
52) 3-Nitroaniline	9.60	138	57700	23.30	nq	96
53) 2,4-Dinitrophenol	9.71	184	96838	86.07	nq #	66
54) Dibenzofuran	9.85	168	422911	37.21	nq	99
55) 4-Nitrophenol	9.78	139	145587	83.69	nq #	53
56) 2,4-Dinitrotoluene	9.84	165	101080	38.53	nq #	81
57) Fluorene	10.18	166	286495	32.76	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	74196	37.59	nq	98
59) Diethylphthalate	10.08	149	385129	39.47	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	141934	38.36	nq	99
61) 4-Nitroaniline	10.22	138	91825	36.27	nq	92
62) Azobenzene	10.34	77	453357	40.32	nq	96
64) 4,6-Dinitro-2-methylphenol	10.24	198	51033	37.68	nq	96
65) n-Nitrosodiphenylamine	10.31	169	308271	38.08	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	88149	39.57	nq	98
67) Hexachlorobenzene	10.73	284	88142	39.06	nq	98
68) Atrazine	10.83	200	91628	40.62	nq	98
69) Pentachlorophenol	10.92	266	103868	76.72	nq	99
70) Phenanthrene	11.14	178	469276	34.91	nq	99
71) Anthracene	11.19	178	484577	37.05	nq	100
72) Carbazole	11.35	167	520876	41.36	nq	100
73) Di-n-butylphthalate	11.69	149	624953	41.01	nq	99
74) Fluoranthene	12.32	202	549530	37.89	nq	99
76) Benzidine	12.44	184	294588	38.42	nq	99
77) Pyrene	12.54	202	507222	30.74	nq	99
79) Butylbenzylphthalate	13.18	149	295502	41.66	nq #	77
80) Benzo(a)anthracene	13.73	228	501255	36.82	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	93876	21.29	nq	99
82) Chrysene	13.76	228	444787	36.26	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	403013	44.36	nq #	97
84) Di-n-octyl phthalate	14.34	149	707583	51.24	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	389795	45.26	nq #	93
87) Benzo(b)fluoranthene	14.74	252	844259	68.66	nq #	97
88) Benzo(k)fluoranthene	14.74	252	844259	73.69	nq	100
89) Benzo(a)pyrene	15.03	252	416441	38.87	nq	97
90) Dibenzo(a,h)anthracene	16.32	278	327733	39.26	nq	98
91) Benzo(g,h,i)perylene	16.66	276	315183	37.21	nq #	89

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

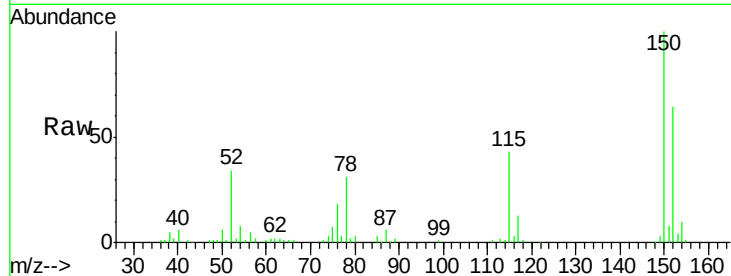


#1

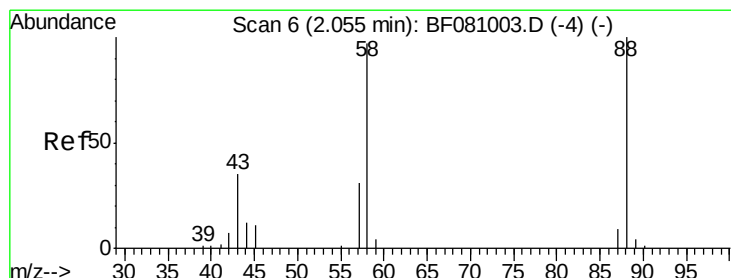
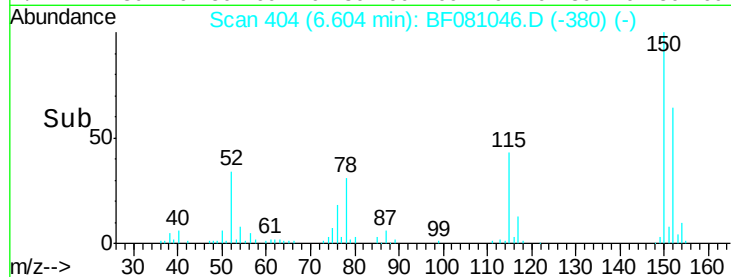
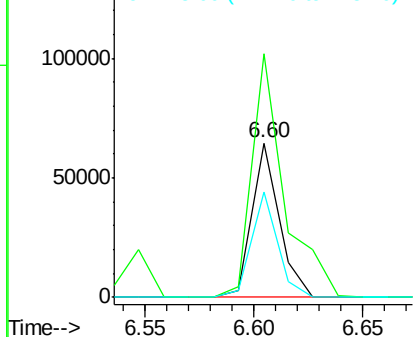
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56266
Ion Ratio Lower Upper
152 100
150 157.5 123.8 185.6
115 67.8 52.1 78.1



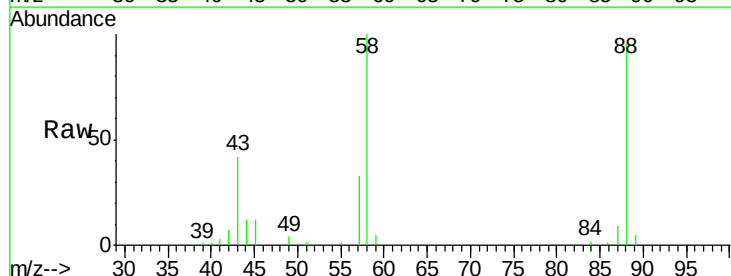
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



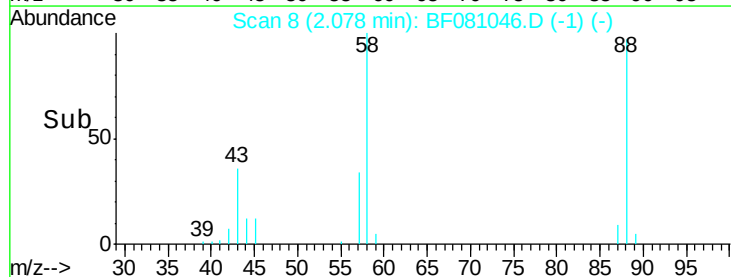
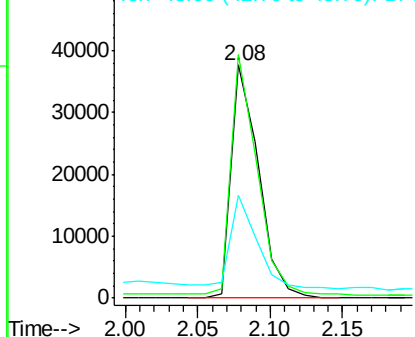
#2

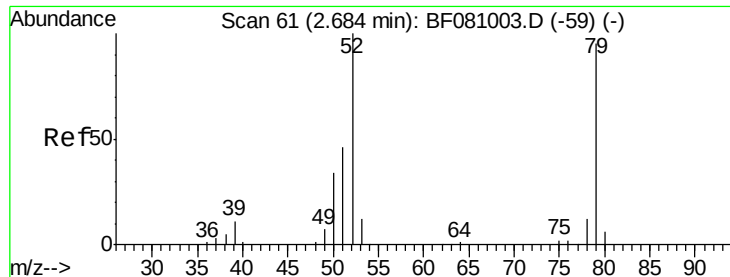
1,4-Dioxane
Concen: 27.95 ng
RT: 2.08 min Scan# 8
Delta R.T. 0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion: 88 Resp: 49272
Ion Ratio Lower Upper
88 100
58 99.0 83.7 125.5
43 40.7 37.5 56.3



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: 33.68 ng

RT: 2.71 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

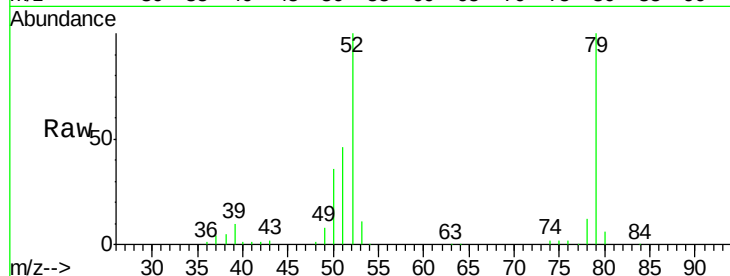
Tot Ion: 79 Resp: 167564

Ion Ratio Lower Upper

79 100

52 100.2 95.1 142.7

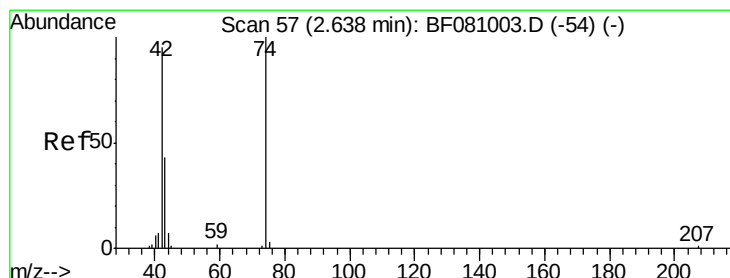
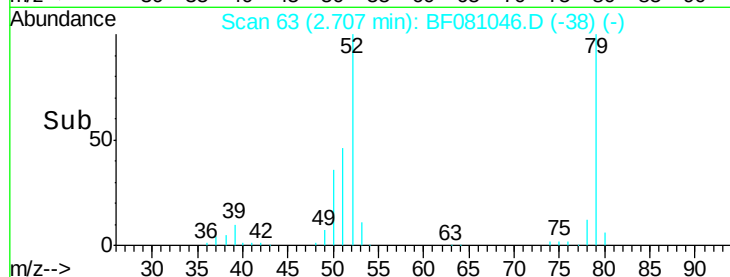
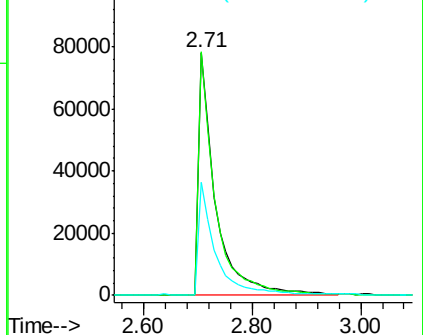
51 46.6 46.6 70.0#



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: 32.44 ng

RT: 2.66 min Scan# 59

Delta R.T. 0.03 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

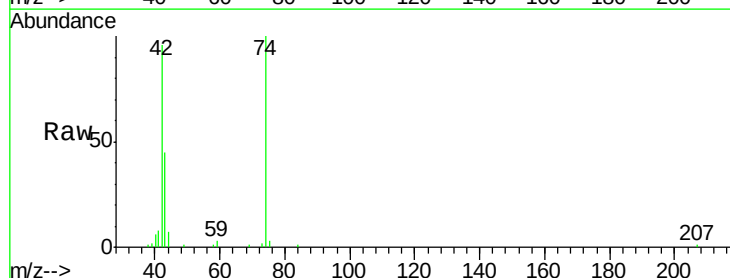
Tgt Ion: 42 Resp: 89863

Ion Ratio Lower Upper

42 100

74 103.8 69.3 103.9

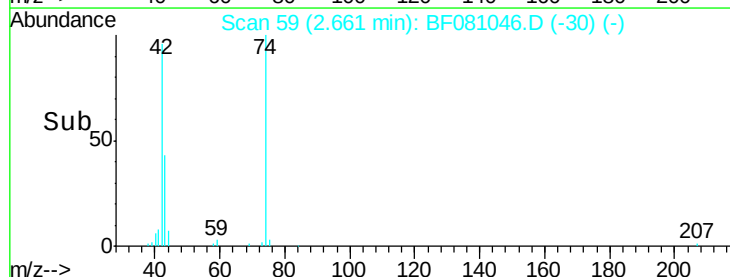
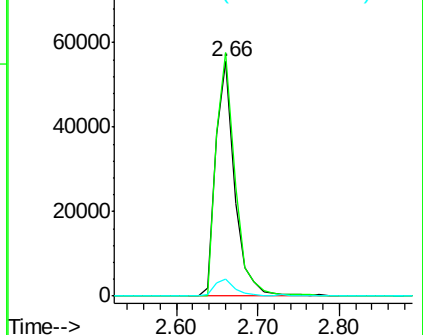
44 7.4 5.5 8.3

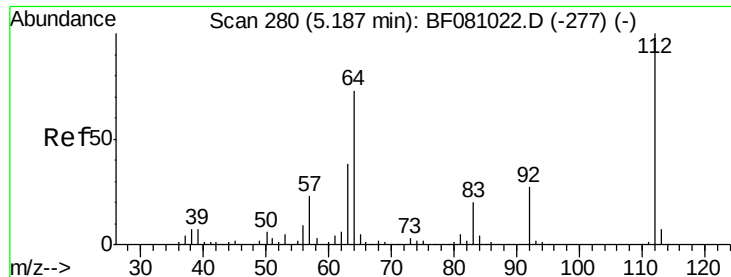


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.56 ng

RT: 5.19 min Scan# 280

Delta R.T. -0.00 min

Lab File: BF081046.D

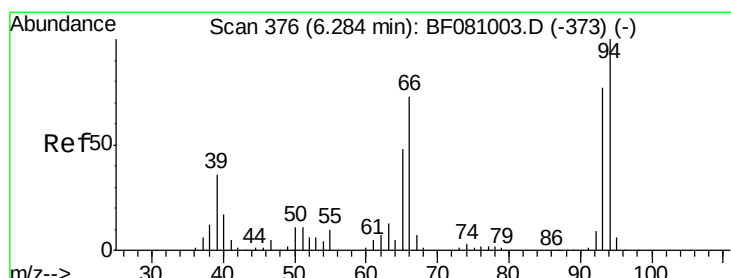
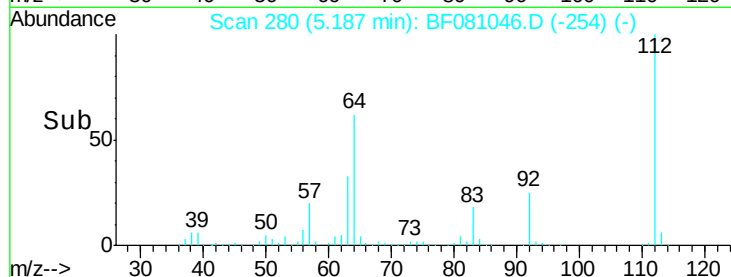
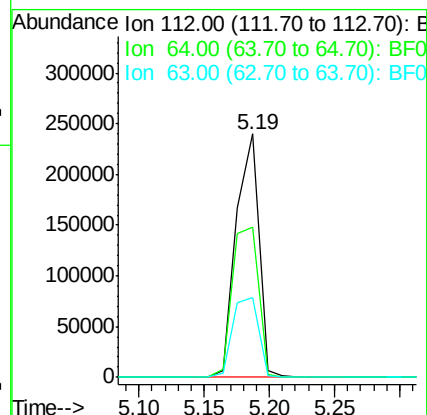
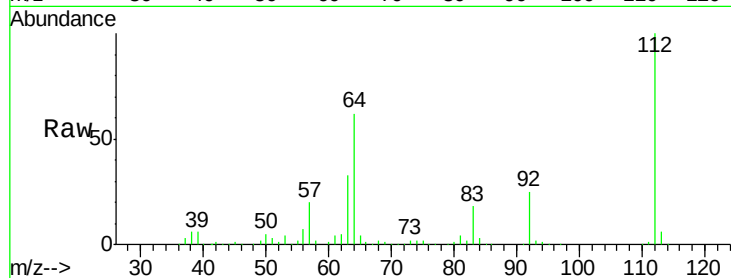
Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	290152
Ion	Ratio	Lower	Upper
112	100		
64	61.9	66.9	100.3#
63	33.0	38.1	57.1#



#6

Aniline

Concen: 25.24 ng

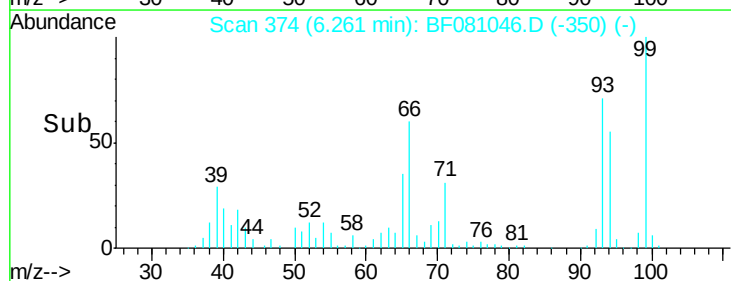
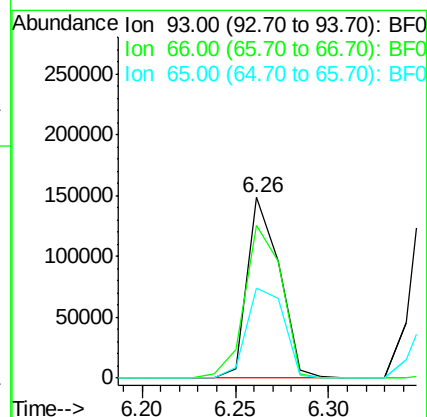
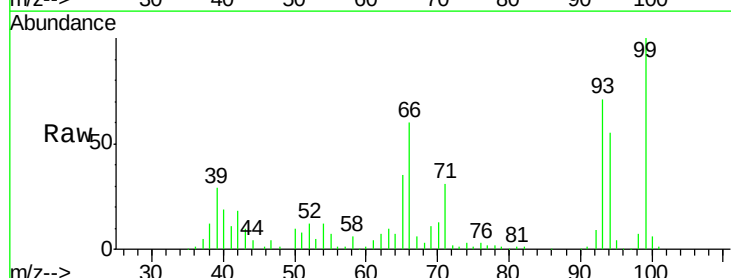
RT: 6.26 min Scan# 374

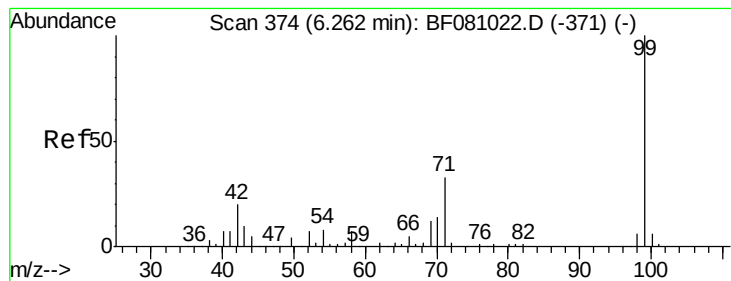
Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:	93	Resp:	179139
Ion	Ratio	Lower	Upper
93	100		
66	84.6	35.6	53.4#
65	49.9	18.7	28.1#





#7

Phenol-d6

Concen: 78.41 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

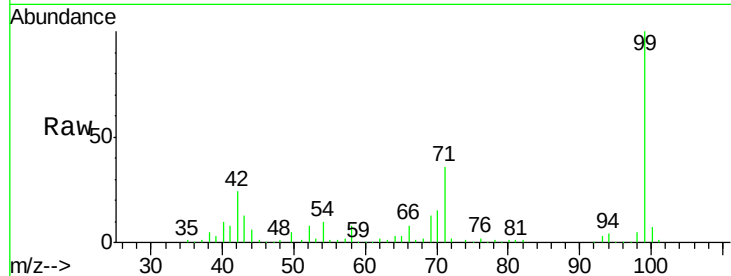
Tot Ion: 99 Resp: 382702

Ion Ratio Lower Upper

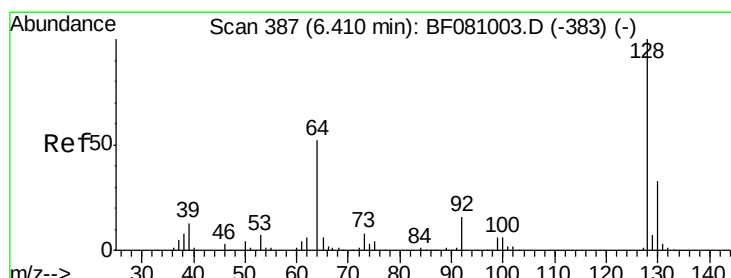
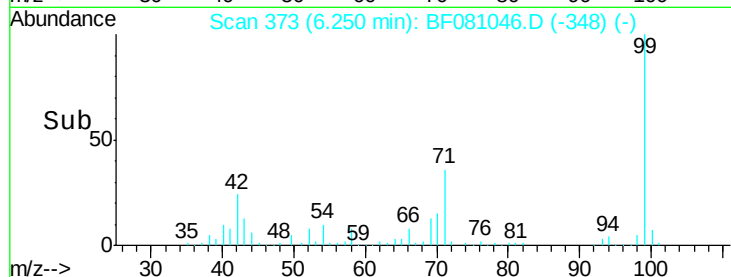
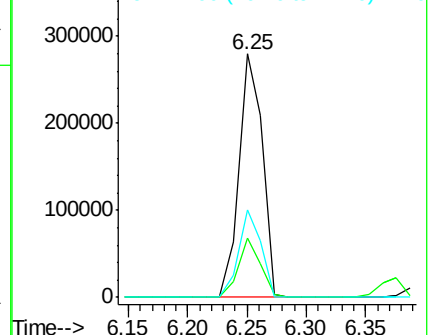
99 100

42 24.5 19.6 29.4

71 35.8 31.2 46.8



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



#8

2-Chlorophenol

Concen: 37.03 ng

RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

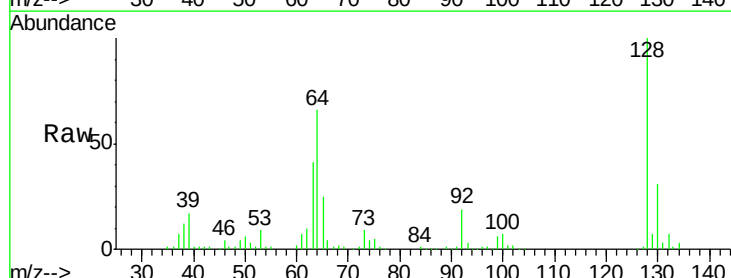
Tgt Ion: 128 Resp: 151615

Ion Ratio Lower Upper

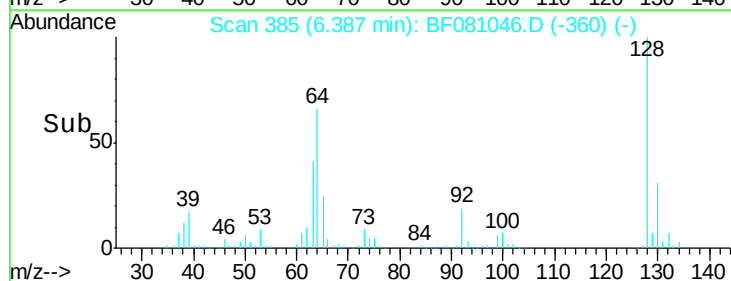
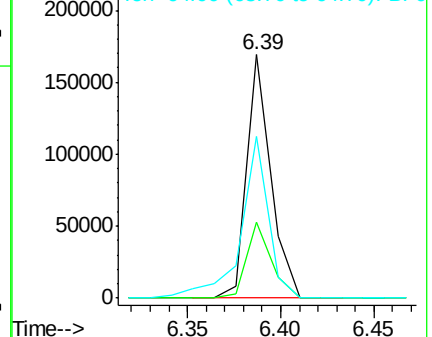
128 100

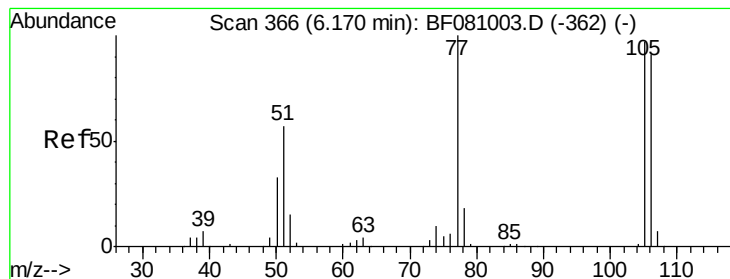
130 31.4 12.5 52.5

64 66.3 46.8 86.8



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: 29.37 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

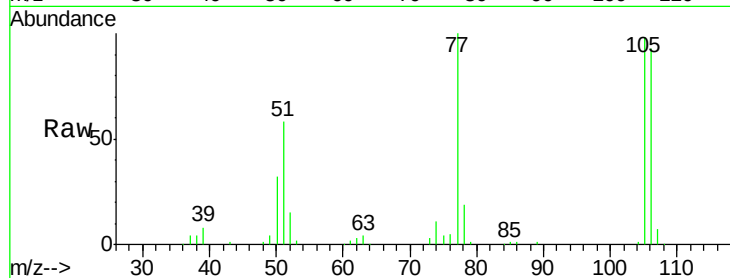
Tot Ion: 77 Resp: 92419

Ion Ratio Lower Upper

77 100

105 97.7 69.6 109.6

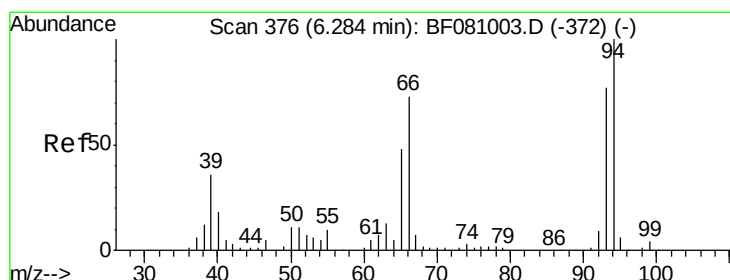
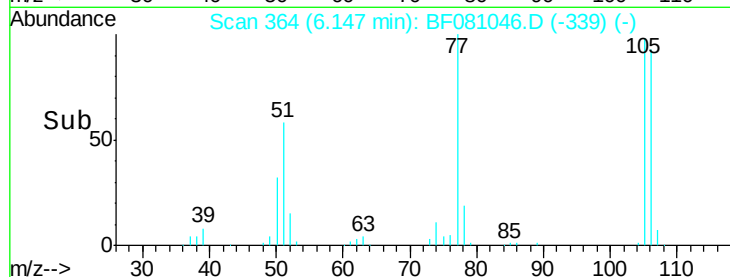
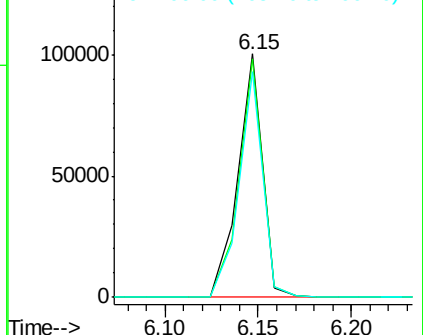
106 92.8 64.0 104.0



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: 36.67 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

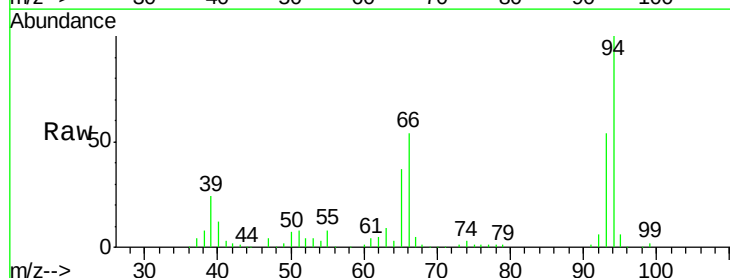
Tgt Ion: 94 Resp: 211406

Ion Ratio Lower Upper

94 100

65 36.8 28.4 68.4

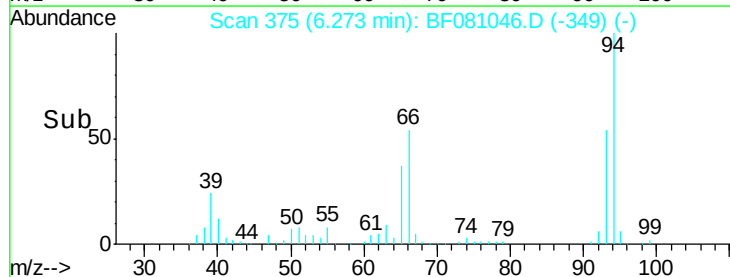
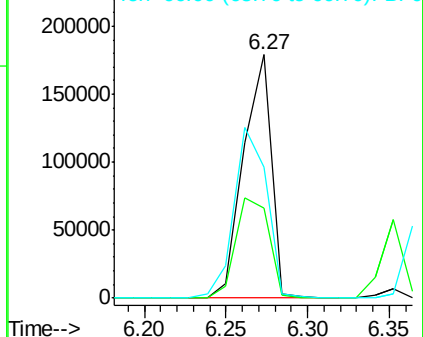
66 53.6 52.3 92.3

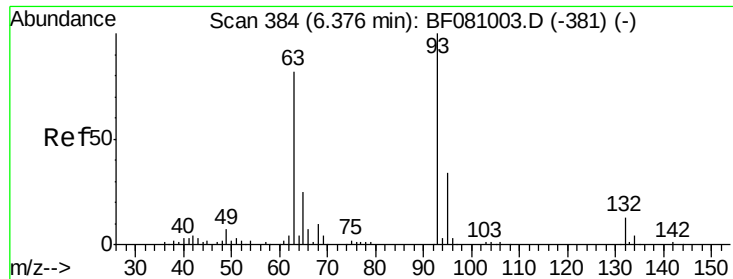


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

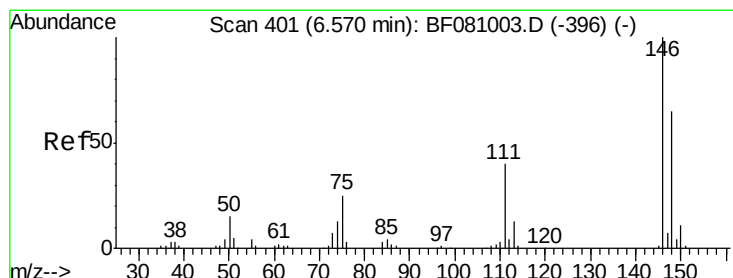
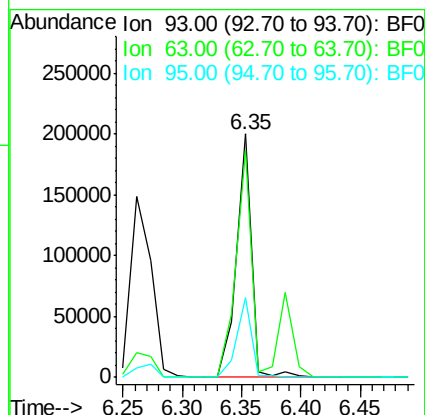
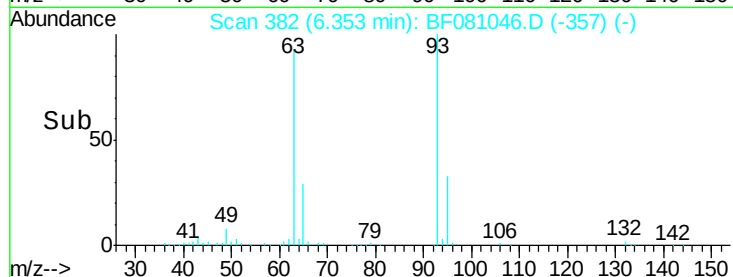
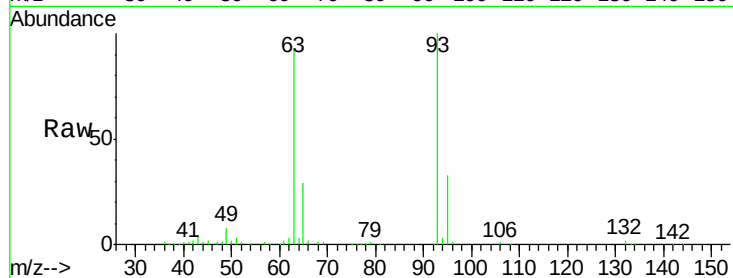




#11
bis(2-Chloroethyl)ether
Concen: 40.16 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

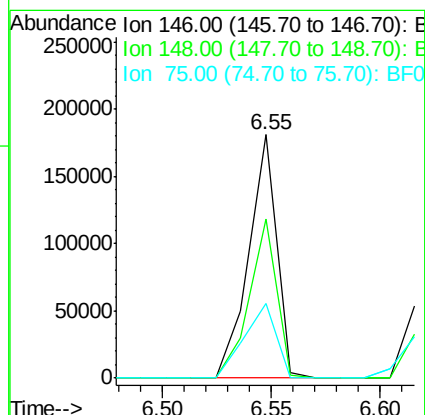
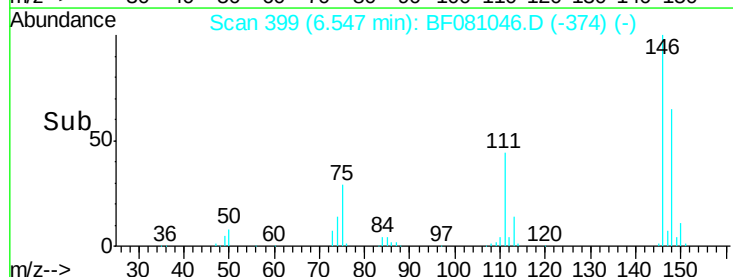
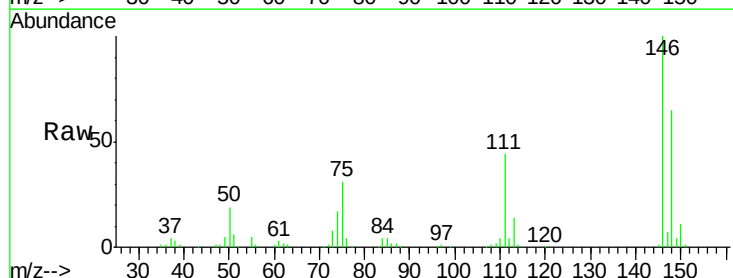
Instrument :
BNA_F
ClientSampleId :

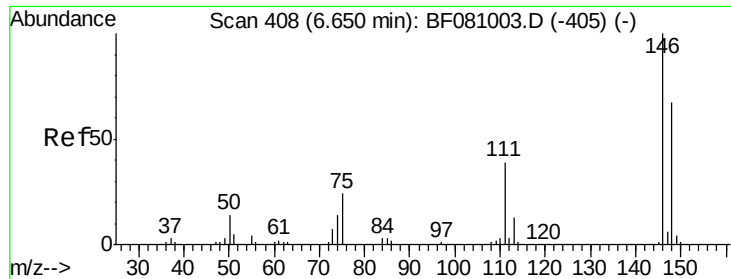
Tot Ion: 93 Resp: 177636
Ion Ratio Lower Upper
93 100
63 93.1 69.6 109.6
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 36.68 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion: 146 Resp: 161377
Ion Ratio Lower Upper
146 100
148 65.5 53.3 79.9
75 30.5 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 36.61 ng

RT: 6.63 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

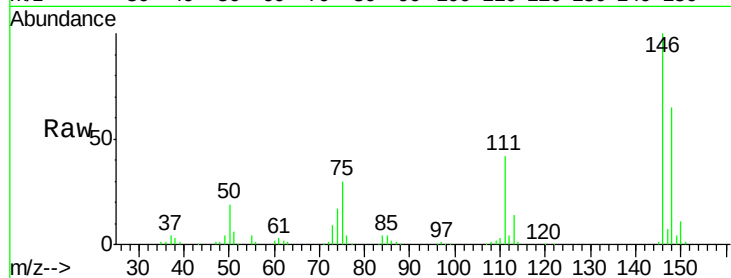
Tot Ion:146 Resp: 159510

Ion Ratio Lower Upper

146 100

148 65.4 52.3 78.5

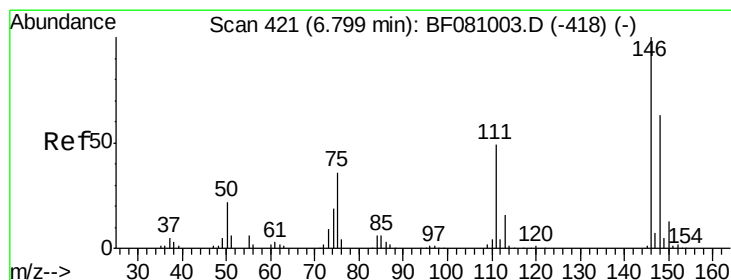
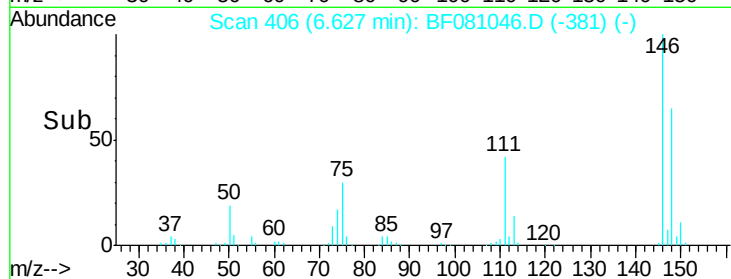
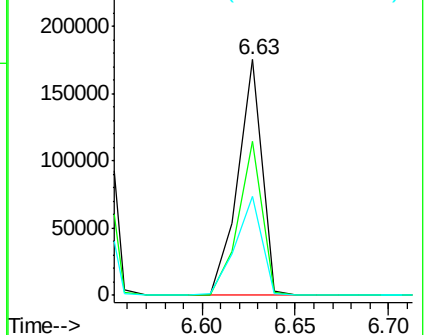
111 41.7 34.4 51.6



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: 36.03 ng

RT: 6.78 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

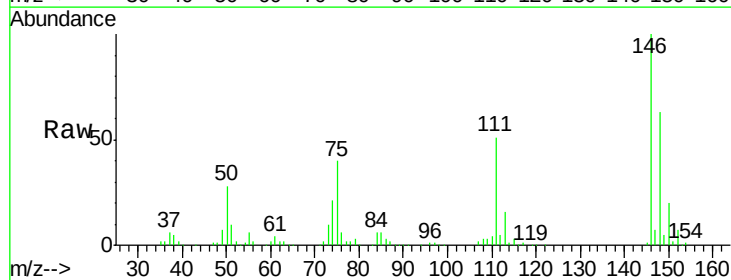
Tgt Ion:146 Resp: 146892

Ion Ratio Lower Upper

146 100

148 63.4 48.7 73.1

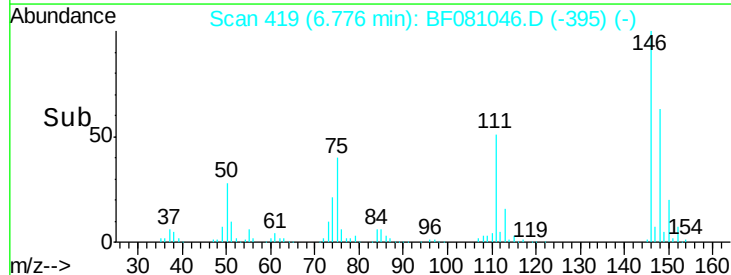
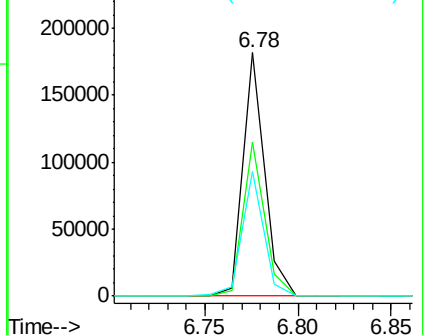
111 51.2 42.3 63.5

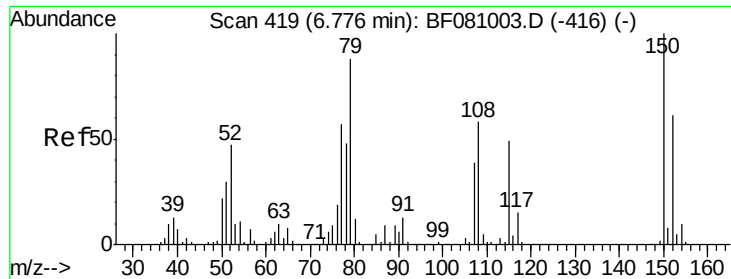


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

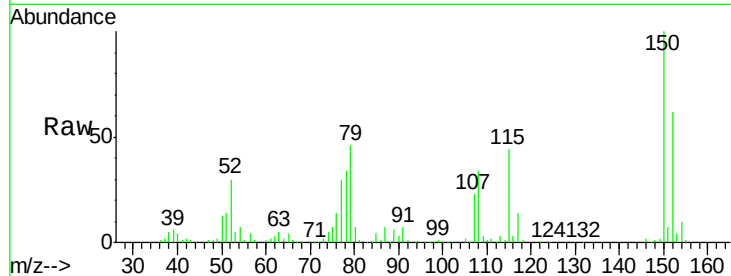




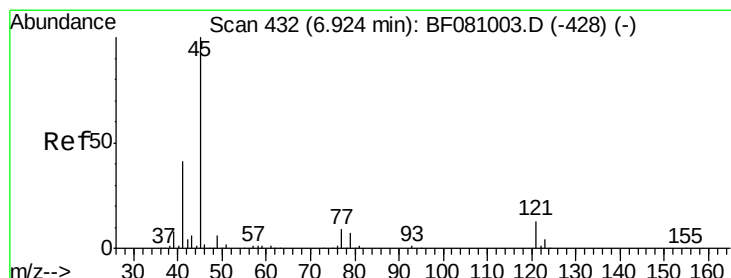
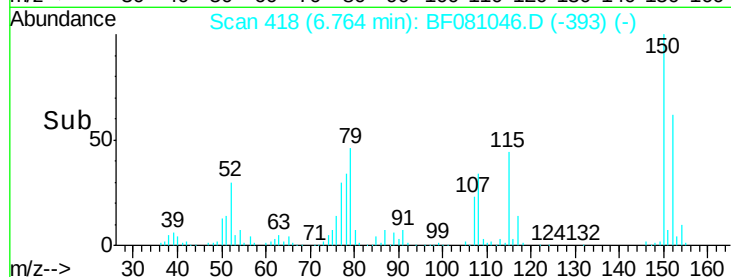
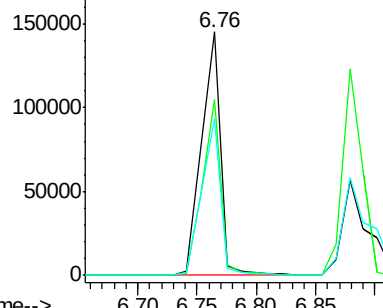
#15
Benzyl Alcohol
Concen: 40.76 ng
RT: 6.76 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 160973
Ion Ratio Lower Upper
79 100
108 72.2 49.4 74.2
77 64.5 51.4 77.0

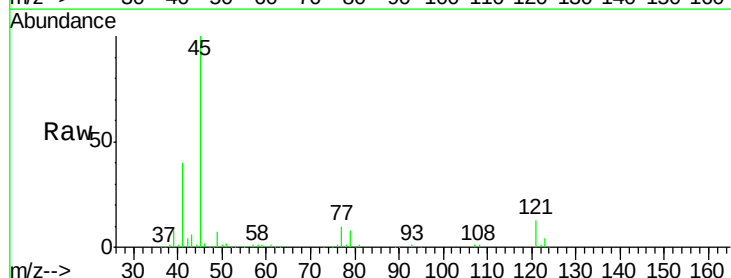


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

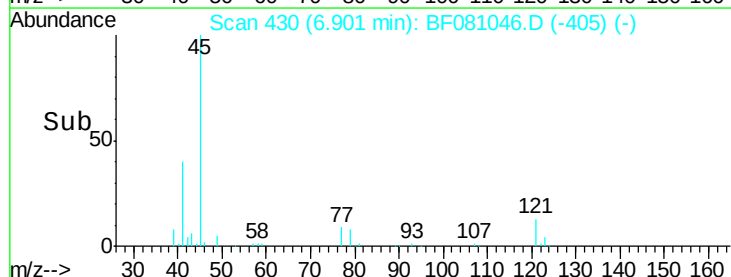
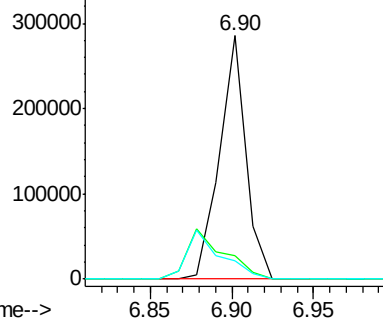


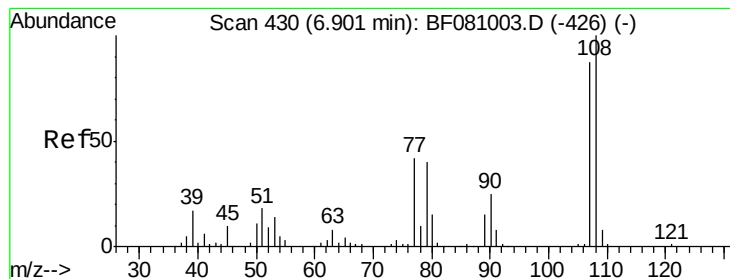
#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.94 ng
RT: 6.90 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion: 45 Resp: 321030
Ion Ratio Lower Upper
45 100
77 9.7 0.0 30.2
79 7.8 0.0 28.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 35.45 ng

RT: 6.88 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 124561

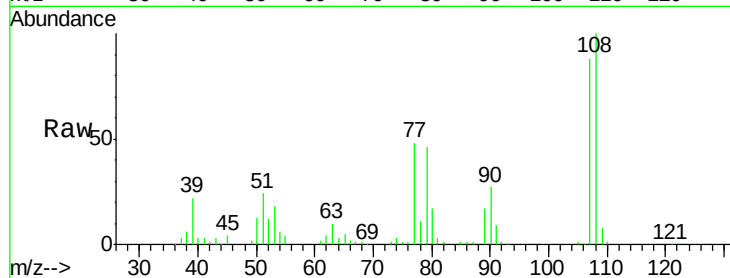
Ion Ratio Lower Upper

107 100

108 113.5 90.4 135.6

77 54.1 46.5 69.7

79 52.6 46.3 69.5

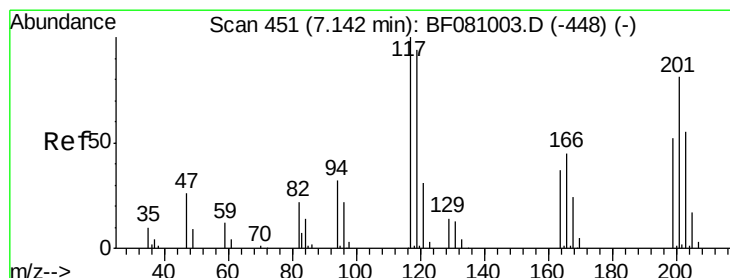
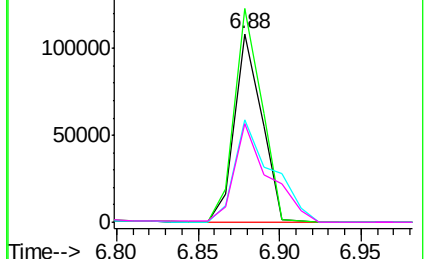
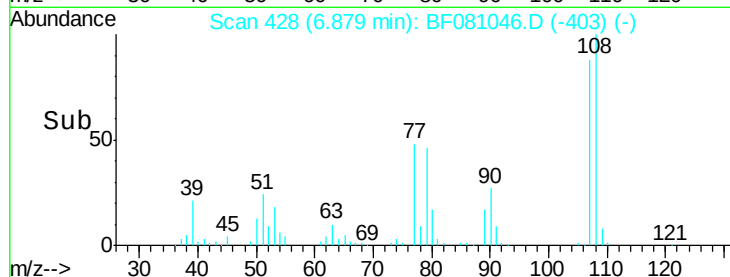


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.36 ng

RT: 7.12 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

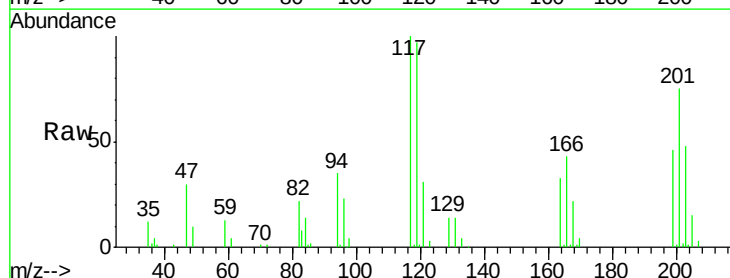
Tgt Ion:117 Resp: 62243

Ion Ratio Lower Upper

117 100

119 97.0 77.9 116.9

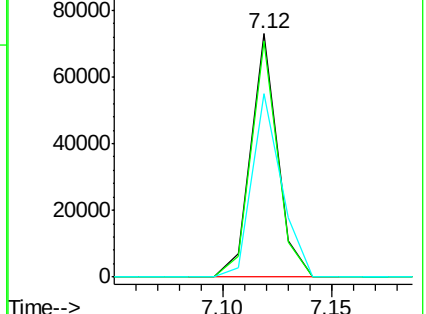
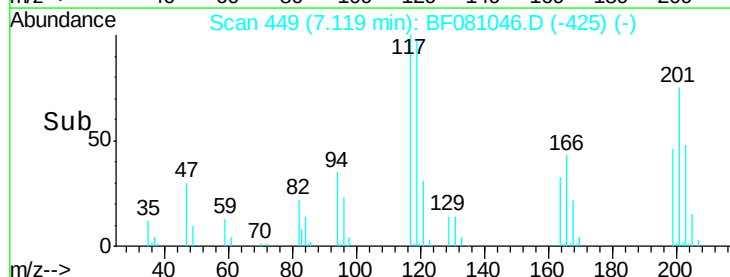
201 75.1 61.3 91.9

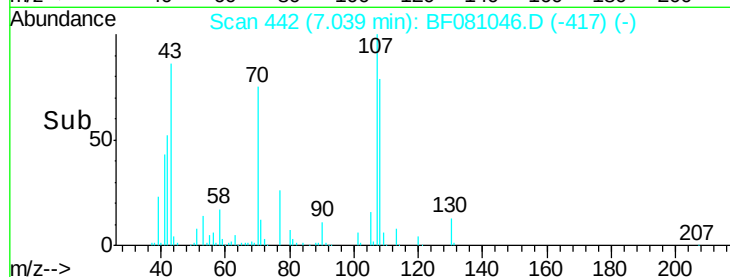
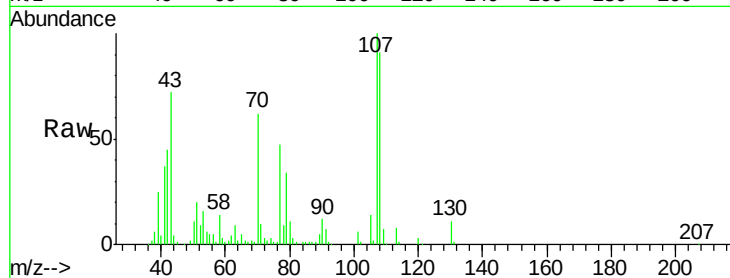
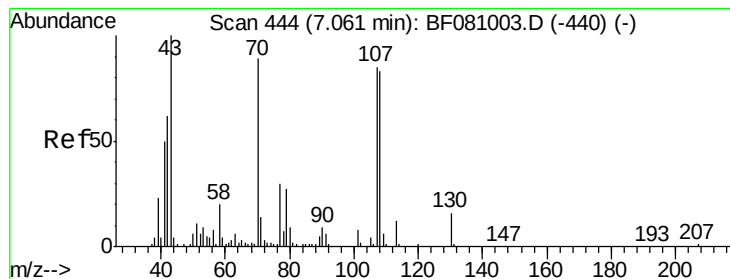


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.10 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 125454

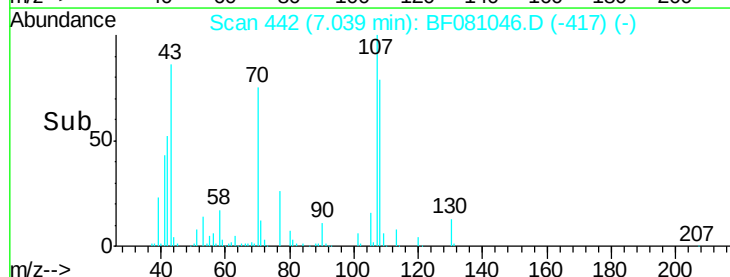
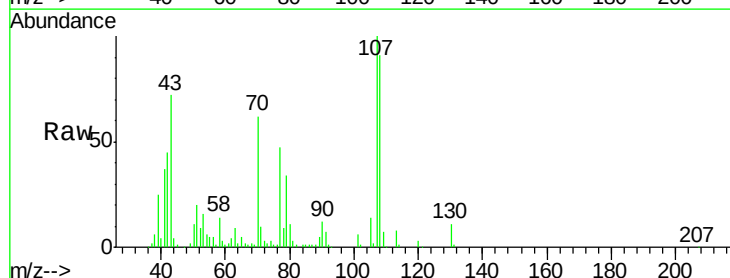
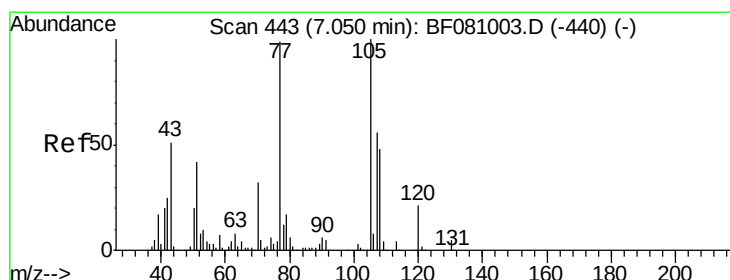
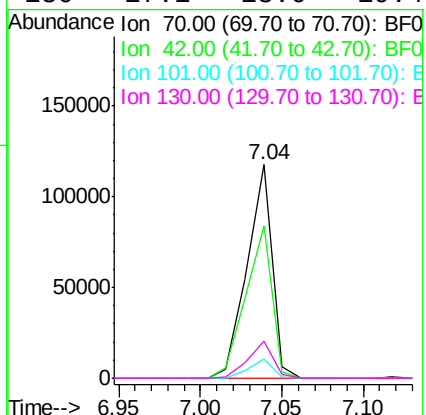
Ion Ratio Lower Upper

70 100

42 71.3 65.0 97.4

101 8.8 7.4 11.2

130 17.1 13.0 19.4



#20

3+4-Methylphenols

Concen: 37.51 ng

RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion: 107 Resp: 167257

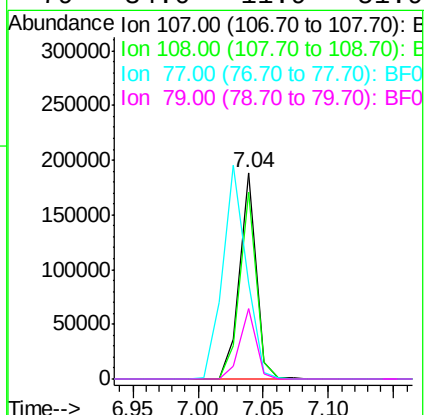
Ion Ratio Lower Upper

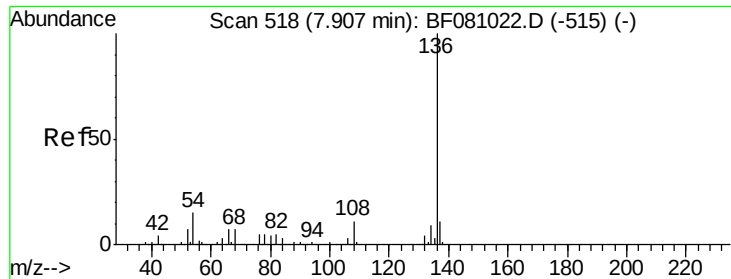
107 100

108 90.7 66.1 106.1

77 46.7 139.3 179.3#

79 34.0 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.01 min

Lab File: BF081046.D

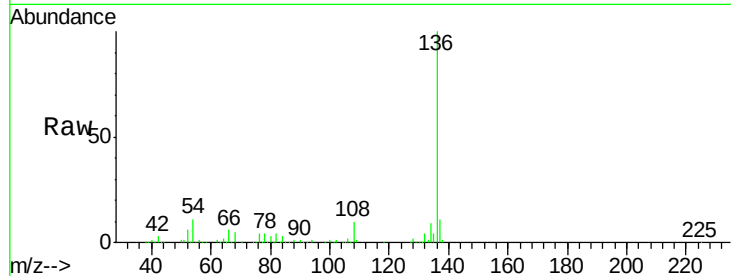
Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	246335
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.2
54	10.7	7.7 11.5
68	5.5	3.4 5.2#

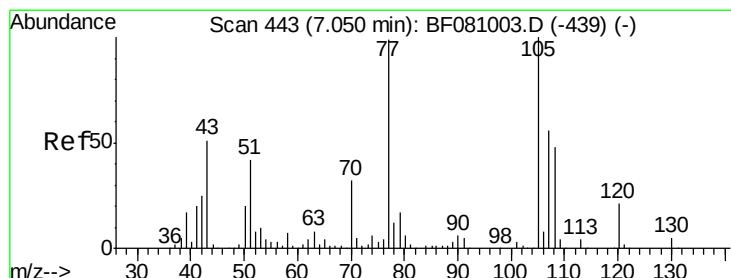
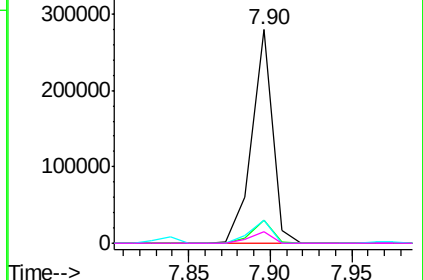
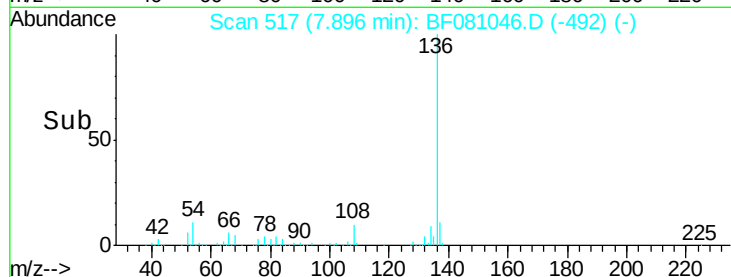


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.91 ng

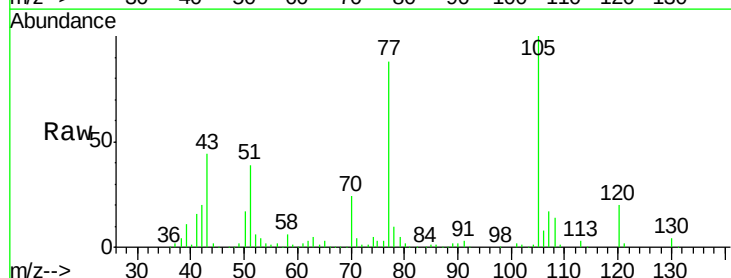
RT: 7.03 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:105	Resp:	225755
Ion Ratio	Lower	Upper
105	100	
71	4.0	3.0 4.6
51	38.8	39.8 59.8#
120	20.1	15.8 23.8

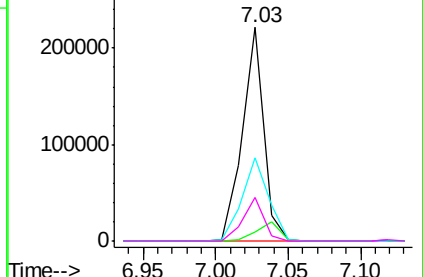
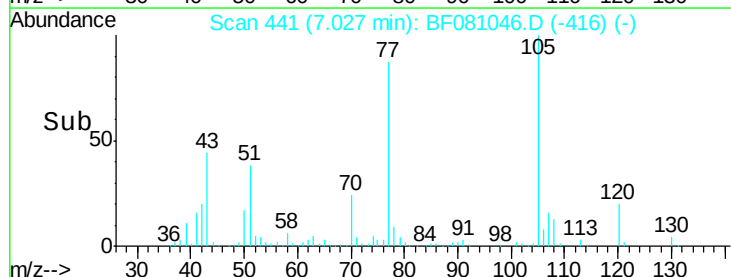


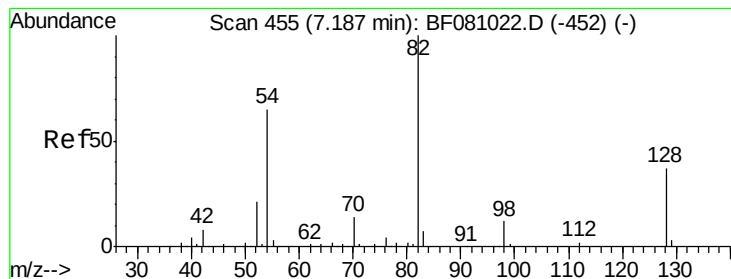
Abundance Ion 105.00 (104.70 to 105.70): E

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: 61.97 ng

RT: 7.18 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

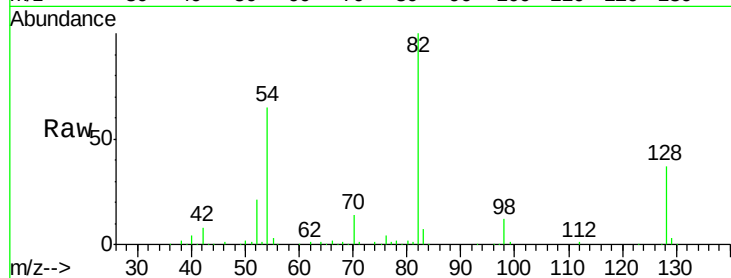
Tot Ion: 82 Resp: 334174

Ion Ratio Lower Upper

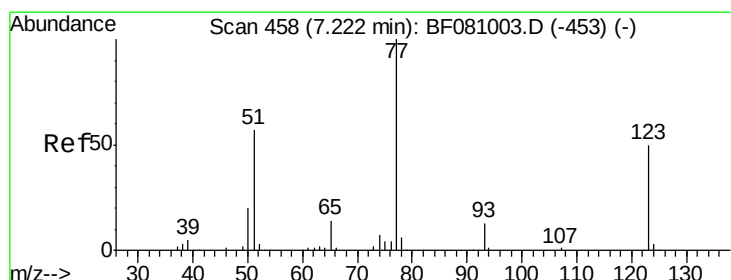
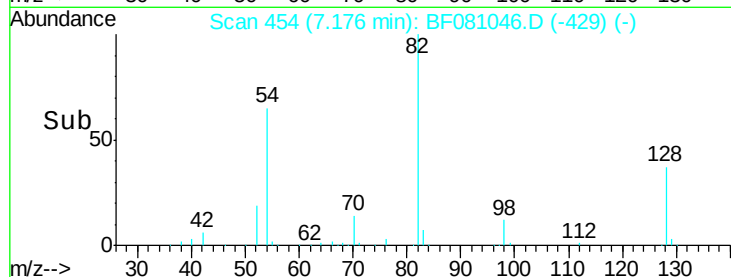
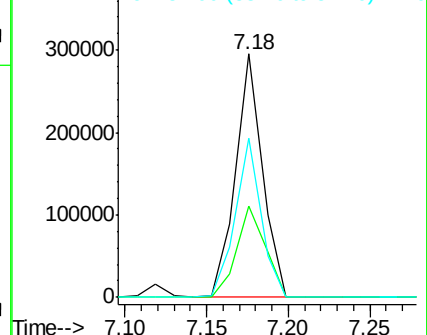
82 100

128 37.3 28.6 42.8

54 65.4 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 36.06 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

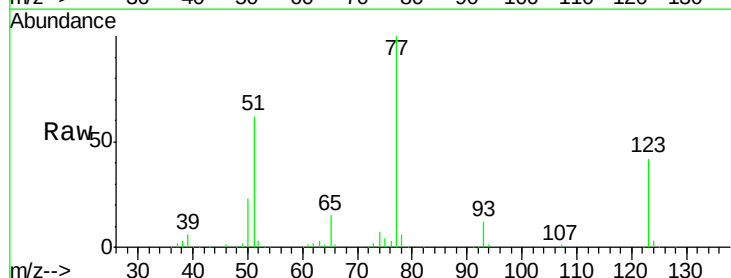
Tgt Ion: 77 Resp: 203298

Ion Ratio Lower Upper

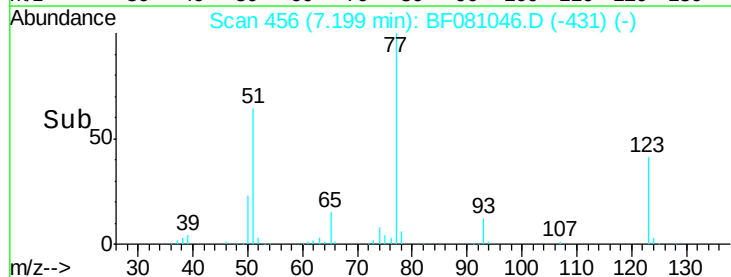
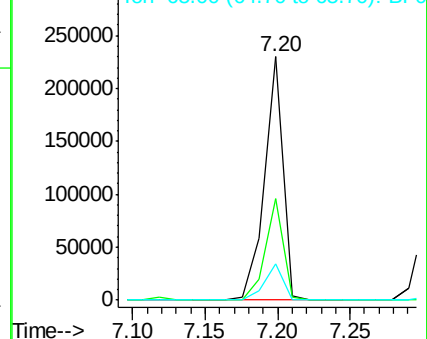
77 100

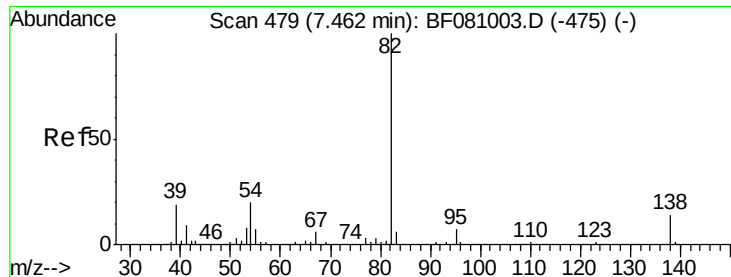
123 41.9 32.9 49.3

65 14.8 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 33.00 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

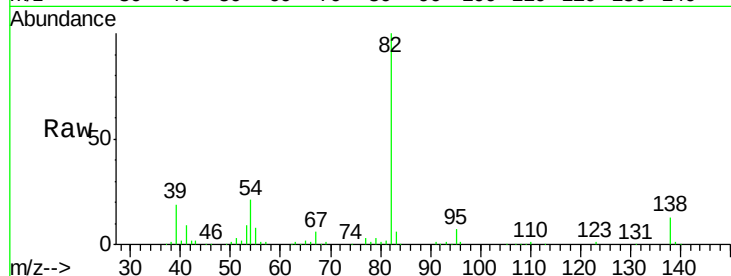
Tot Ion: 82 Resp: 331894

Ion Ratio Lower Upper

82 100

95 6.7 6.2 9.2

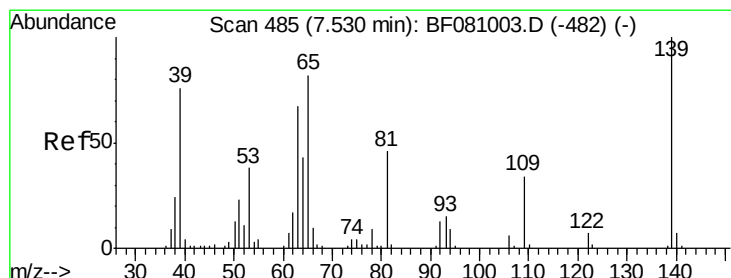
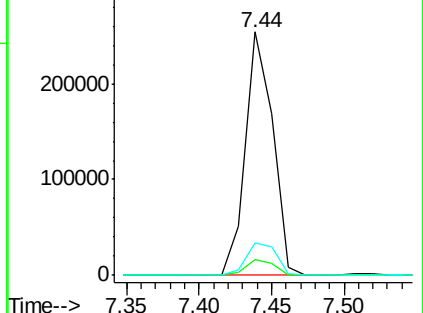
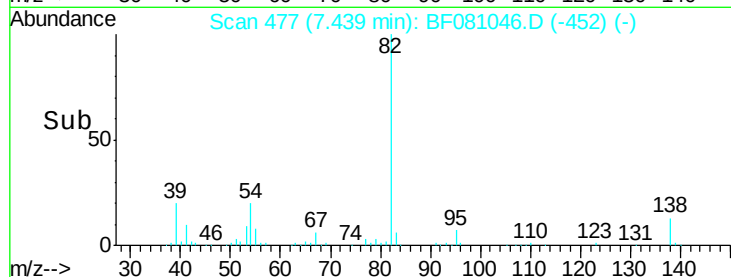
138 13.3 10.5 15.7



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: 36.46 ng

RT: 7.52 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

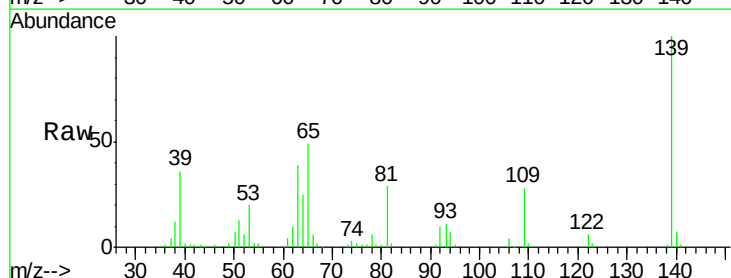
Tgt Ion: 139 Resp: 85483

Ion Ratio Lower Upper

139 100

109 27.7 32.1 48.1#

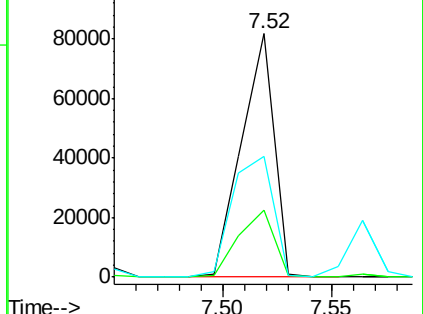
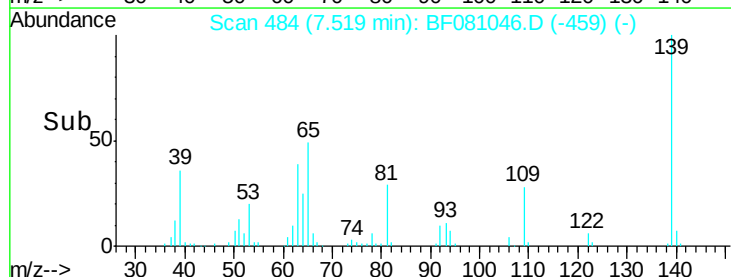
65 49.4 69.9 104.9#

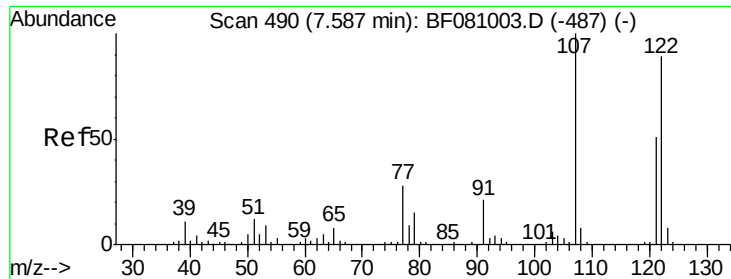


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 34.86 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

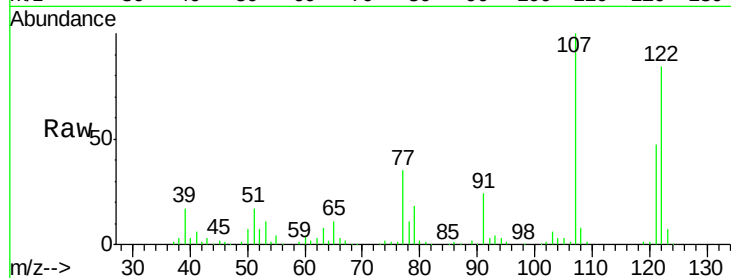
Tot Ion:122 Resp: 144600

Ion Ratio Lower Upper

122 100

107 119.0 103.8 155.6

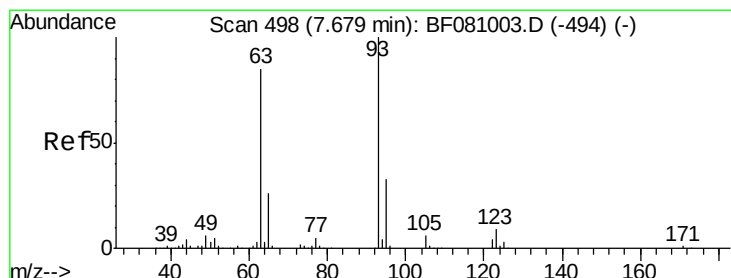
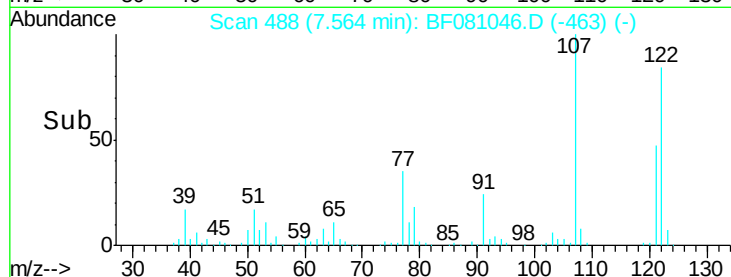
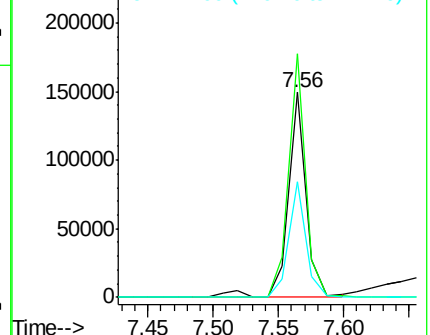
121 56.5 47.0 70.4



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: 33.84 ng

RT: 7.66 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

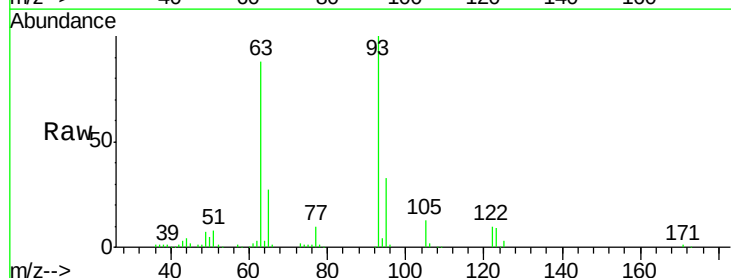
Tgt Ion: 93 Resp: 201011

Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

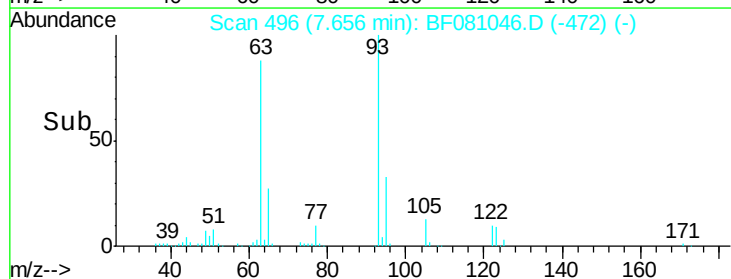
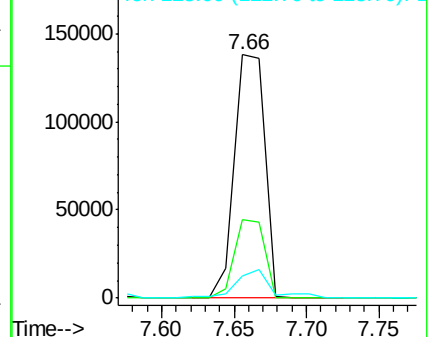
123 9.3 7.4 11.0

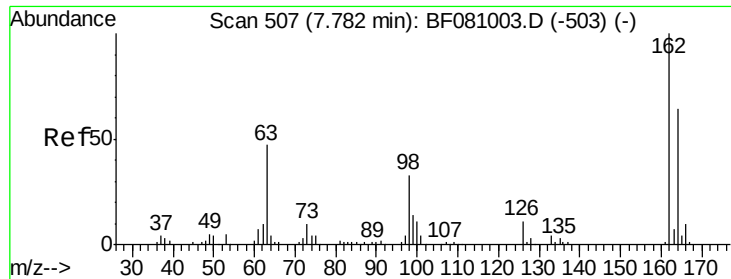


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

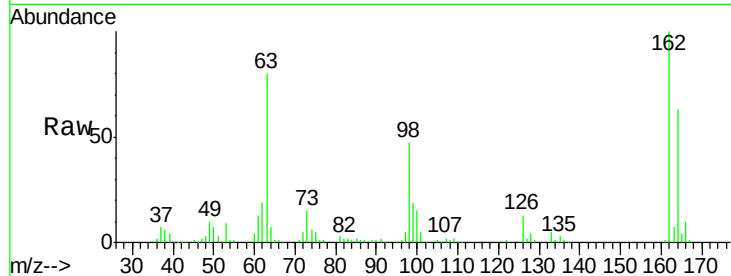




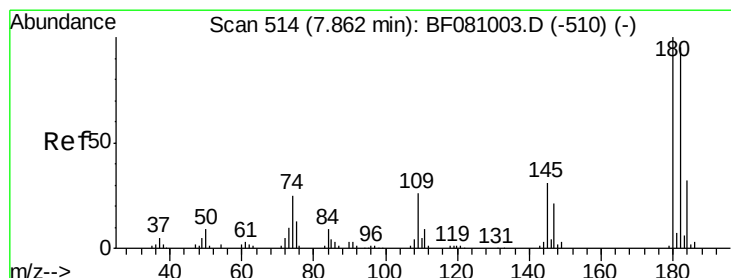
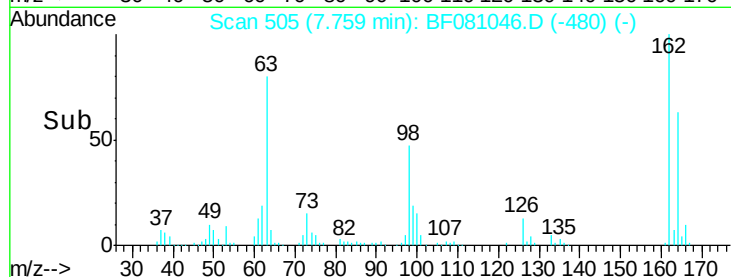
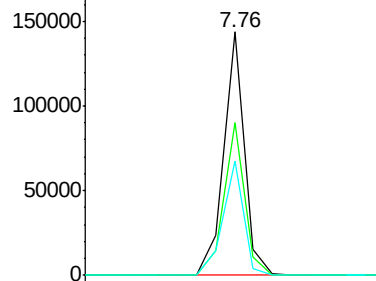
#29
 2,4-Dichlorophenol
 Concen: 36.19 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.2	83.2
98	46.9	12.3	52.3

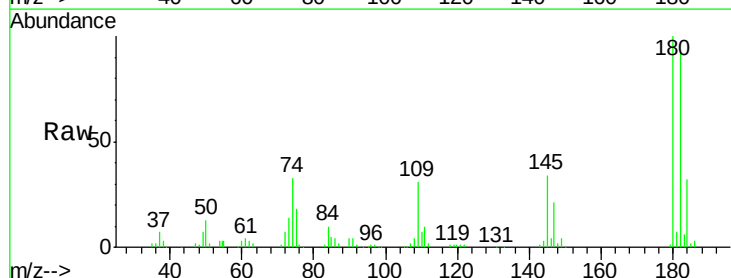


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

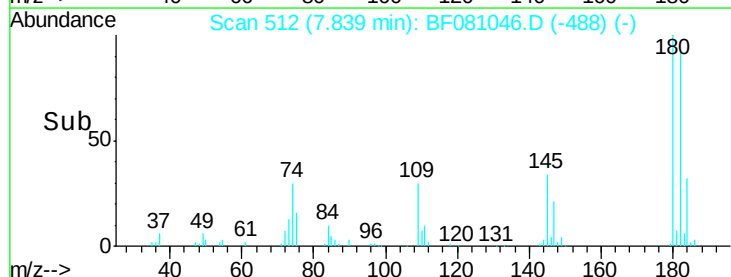
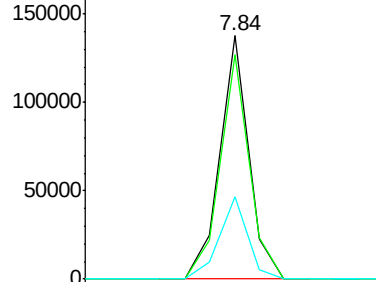


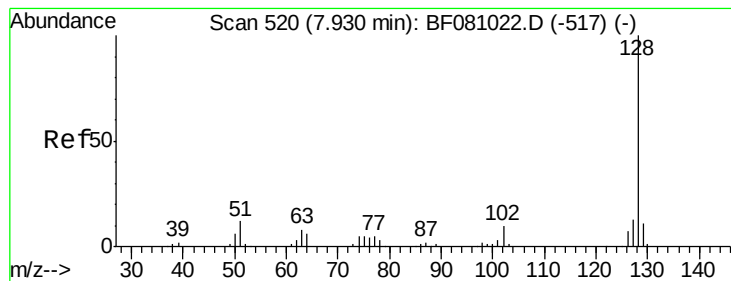
#30
 1,2,4-Trichlorobenzene
 Concen: 32.67 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.4	114.6
145	33.8	25.4	38.2



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





#31

Naphthalene

Concen: 34.58 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

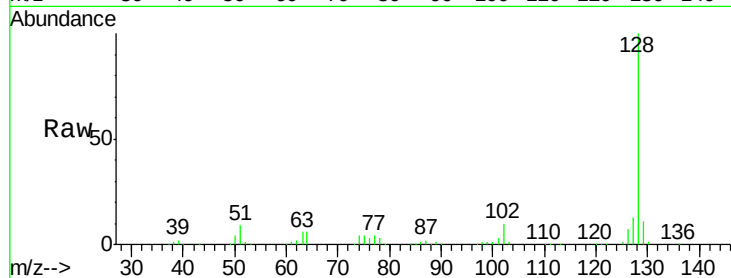
Tot Ion:128 Resp: 474842

Ion Ratio Lower Upper

128 100

129 11.0 8.4 12.6

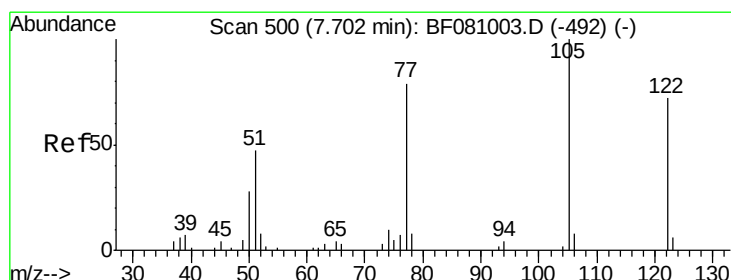
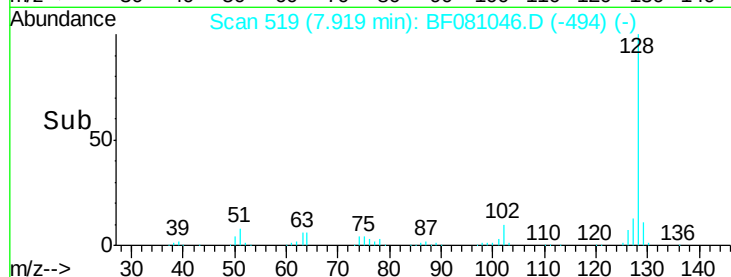
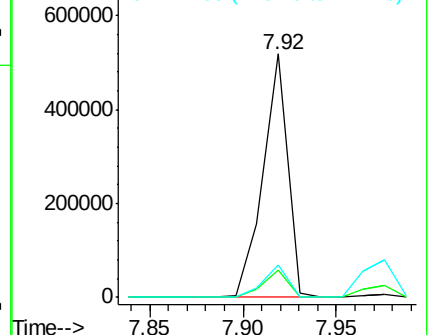
127 13.2 10.6 16.0



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: 45.35 ng

RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

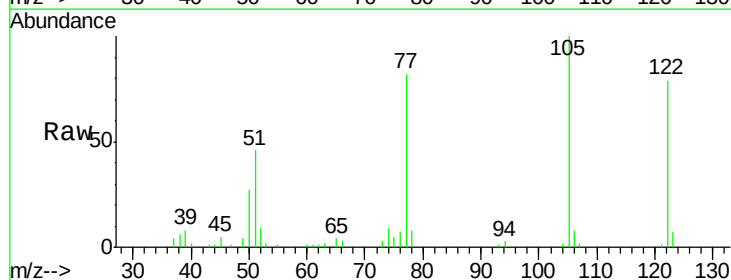
Tgt Ion:122 Resp: 105816

Ion Ratio Lower Upper

122 100

105 127.0 113.8 153.8

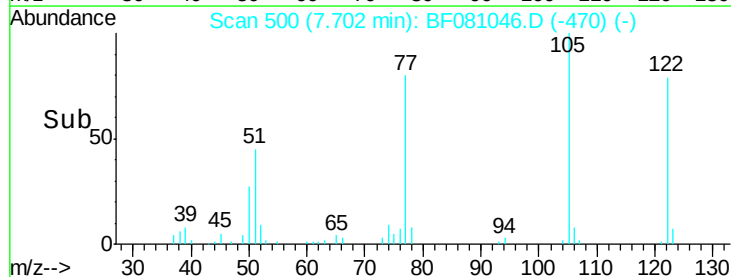
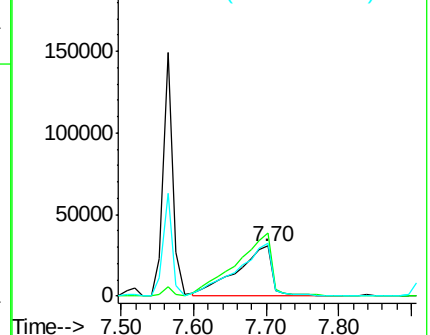
77 104.5 93.8 133.8

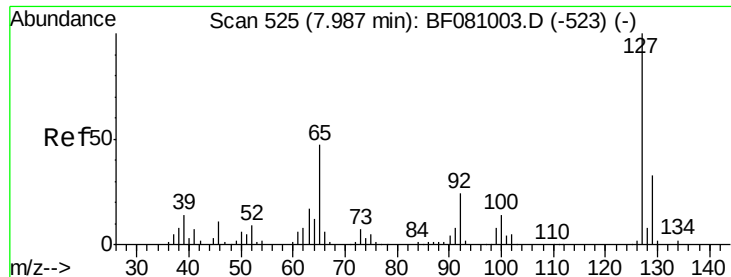


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

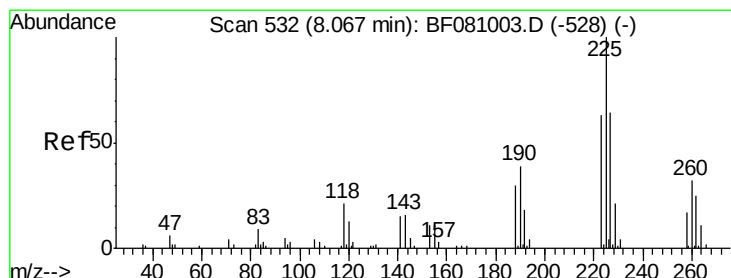
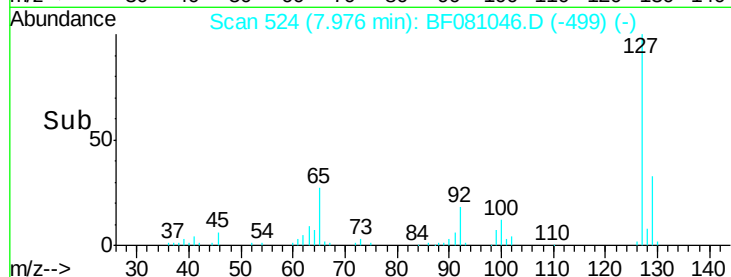
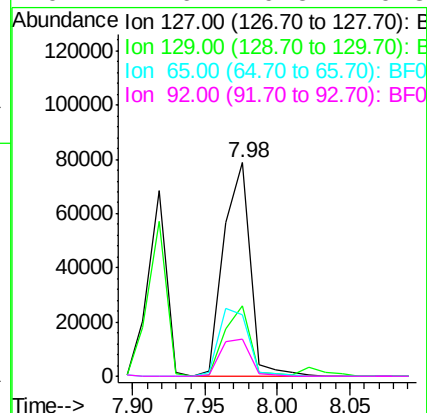
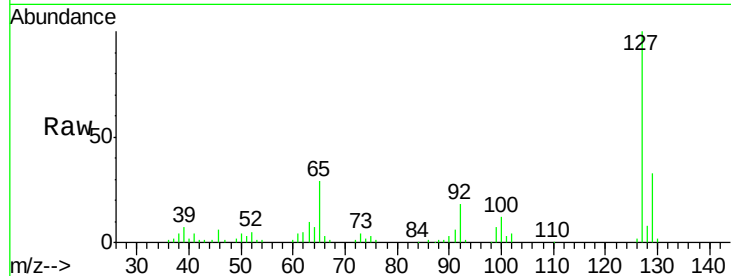




#33
4-Chloroaniline
Concen: 17.25 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

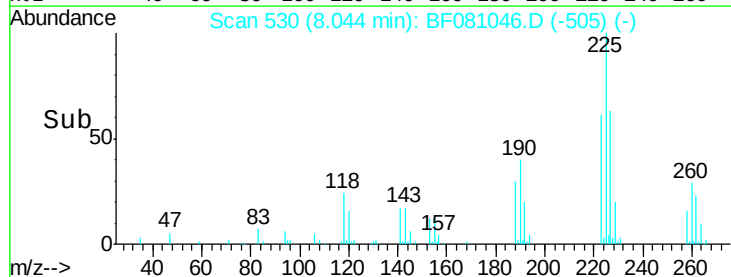
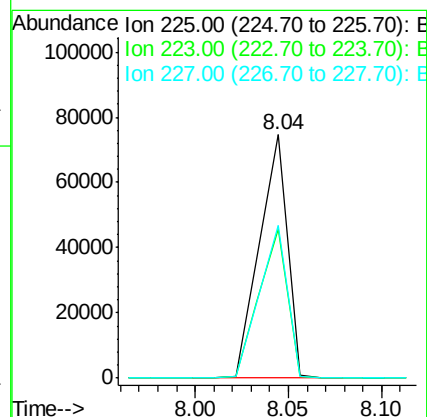
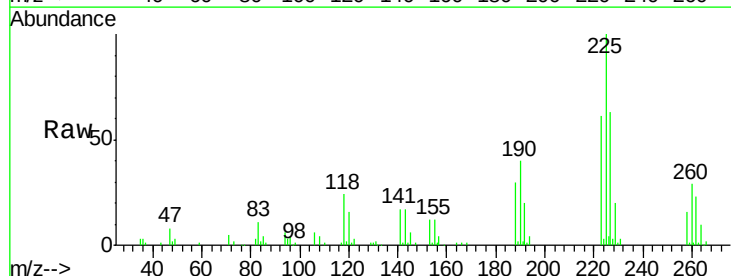
Instrument :
BNA_F
ClientSampleId :

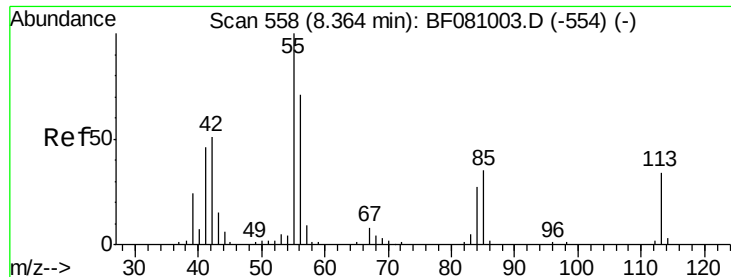
Tot Ion:	127	Resp:	99964
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.2	37.8
65	28.8	37.8	56.6#
92	17.6	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 35.17 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion:	225	Resp:	77186
Ion	Ratio	Lower	Upper
225	100		
223	60.9	52.6	79.0
227	62.8	51.1	76.7





#35

Caprolactam

Concen: 24.44 ng

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

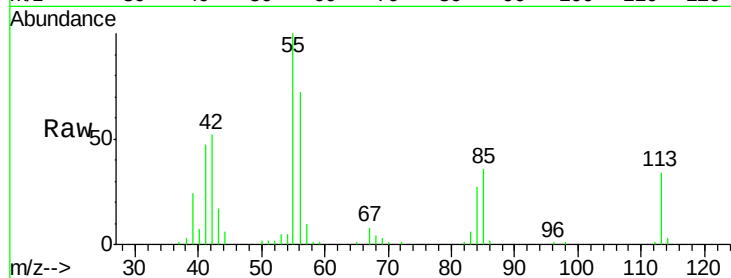
Tot Ion:113 Resp: 29833

Ion Ratio Lower Upper

113 100

55 293.1 280.4 320.4

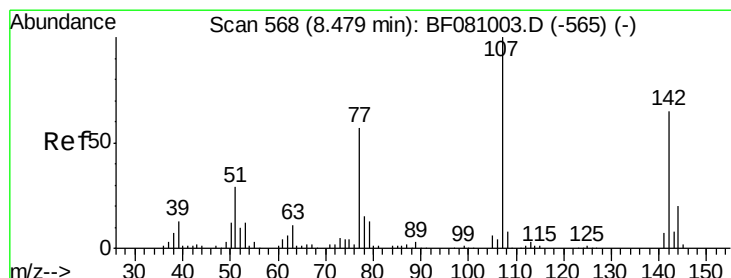
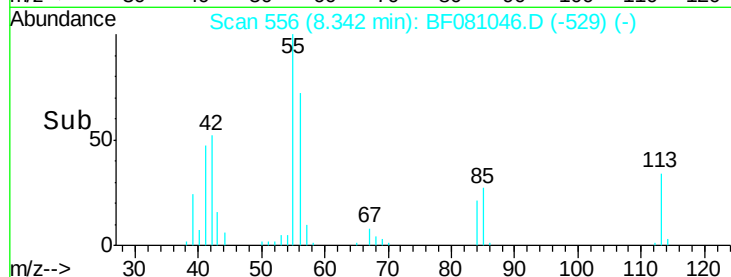
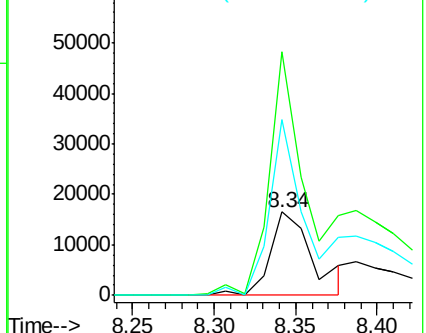
56 211.4 205.9 245.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.78 ng

RT: 8.47 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

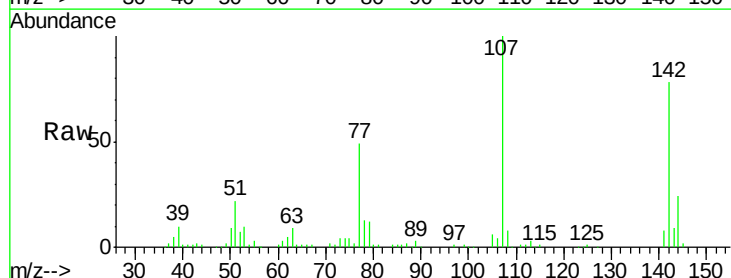
Tgt Ion:107 Resp: 161403

Ion Ratio Lower Upper

107 100

144 24.3 17.2 25.8

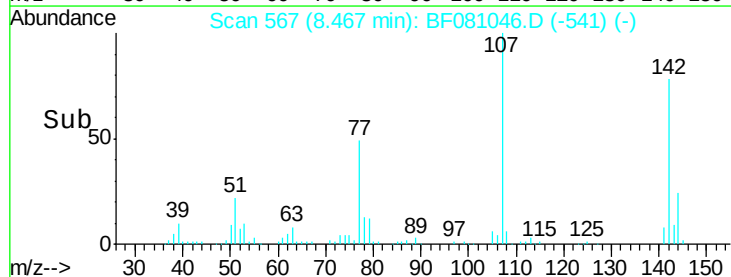
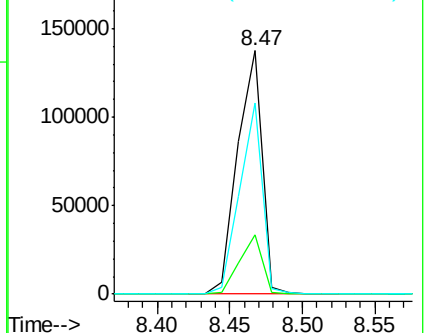
142 78.4 54.9 82.3

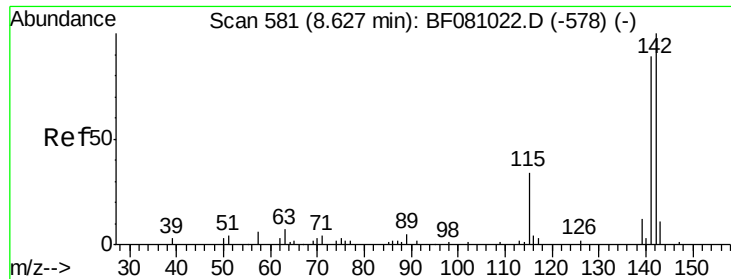


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

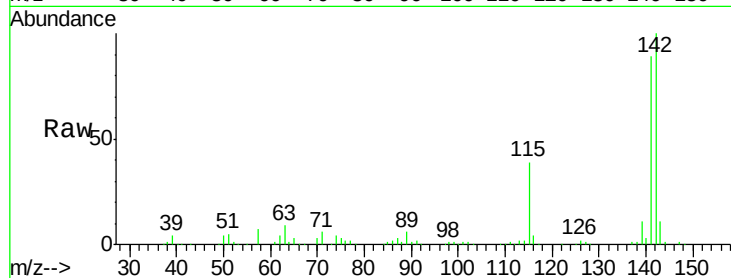




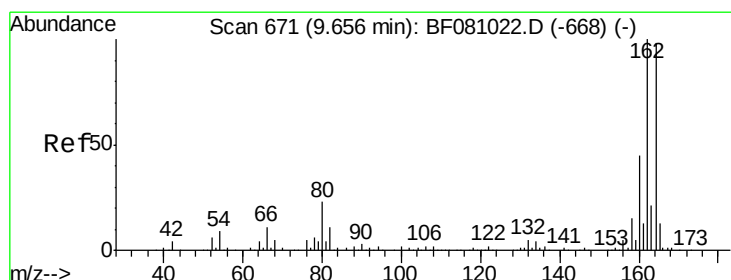
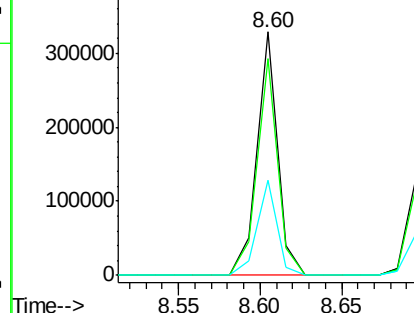
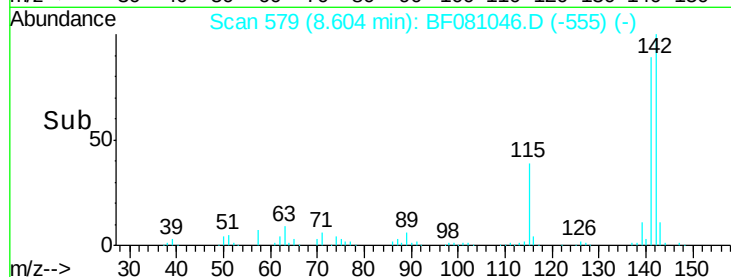
#37
2-Methylnaphthalene
Concen: 33.30 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	39.0	33.4	50.0

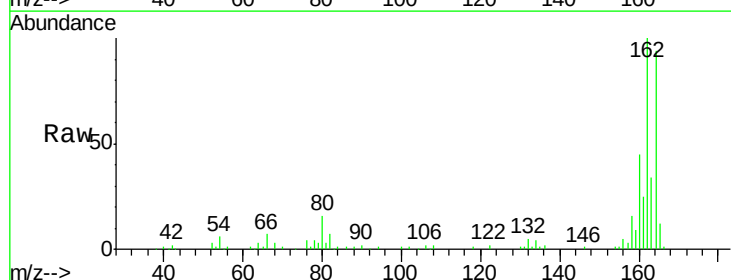


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

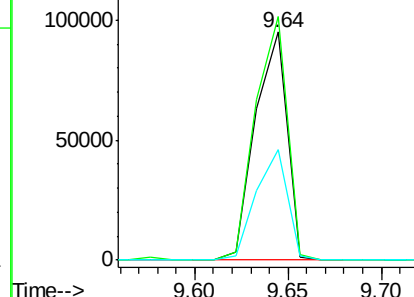
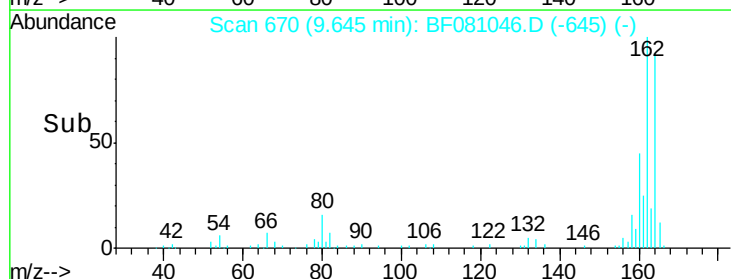


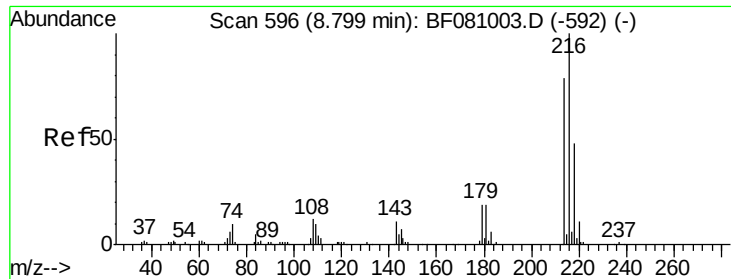
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	83.8	125.8
160	48.3	39.8	59.8



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

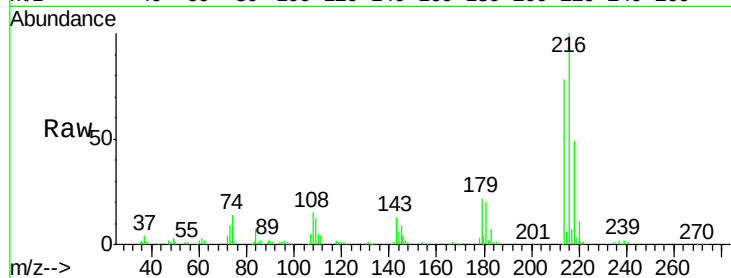




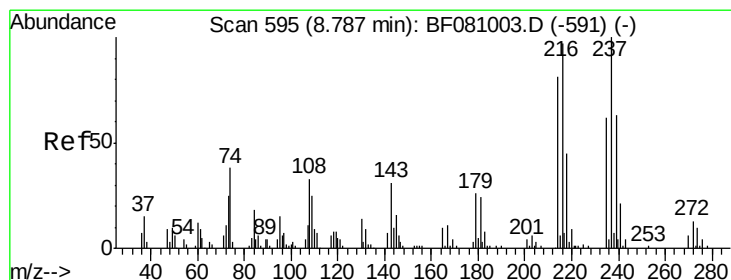
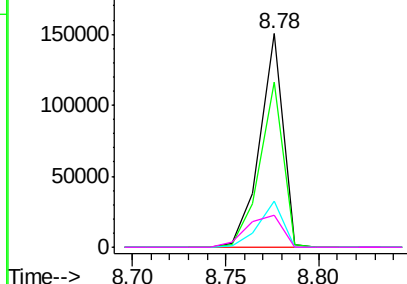
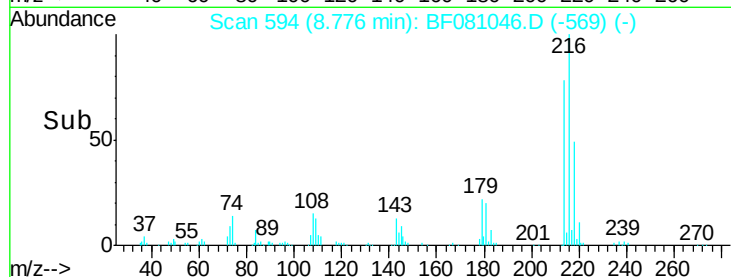
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.65 ng
 RT: 8.78 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	132374
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.8 95.8
179	22.5	17.8 26.8
108	22.8	16.2 24.2

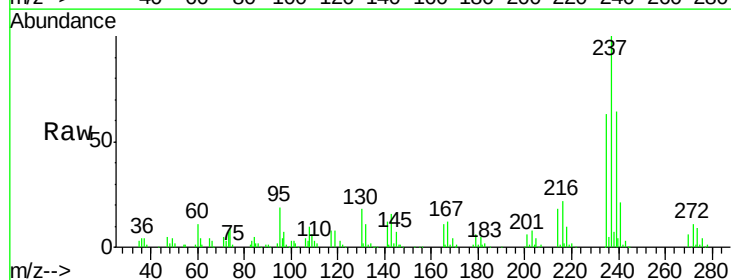


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

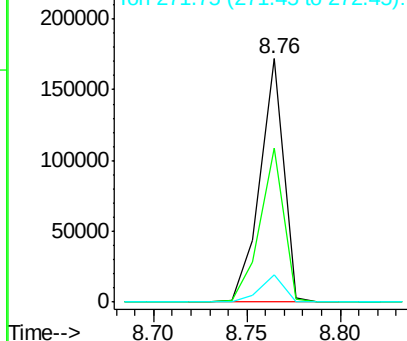
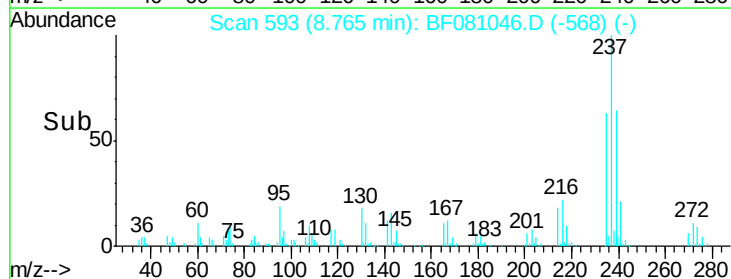


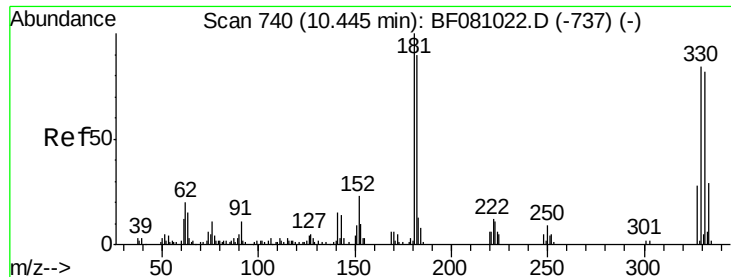
#40
 Hexachlorocyclopentadiene
 Concen: 80.97 ng
 RT: 8.76 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion:237	Resp:	151362
Ion Ratio	Lower	Upper
237	100	
235	63.1	43.6 83.6
272	11.2	0.0 32.2



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: 69.15 ng

RT: 10.42 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

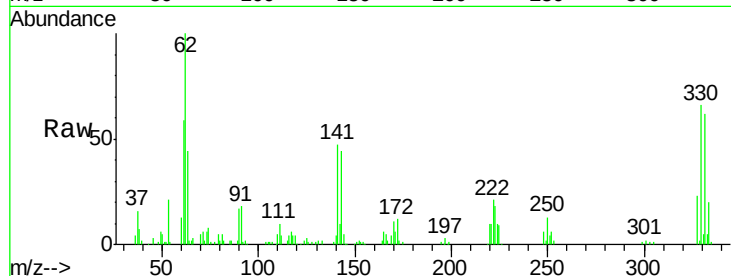
Tot Ion:330 Resp: 67099

Ion Ratio Lower Upper

330 100

332 93.5 77.3 115.9

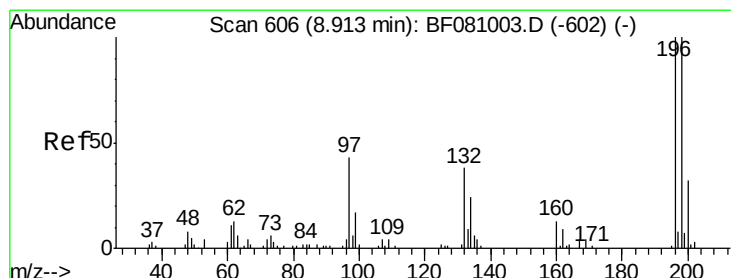
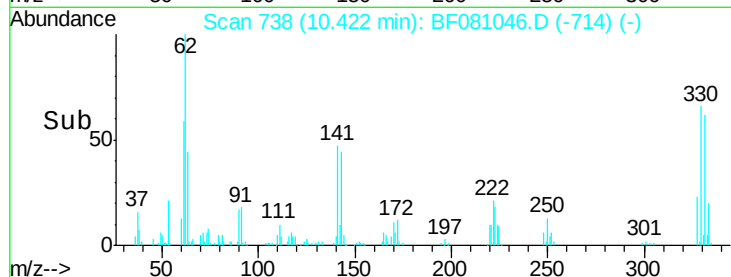
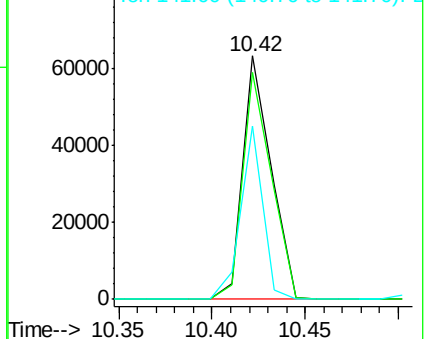
141 55.7 44.9 67.3



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: 39.83 ng

RT: 8.89 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

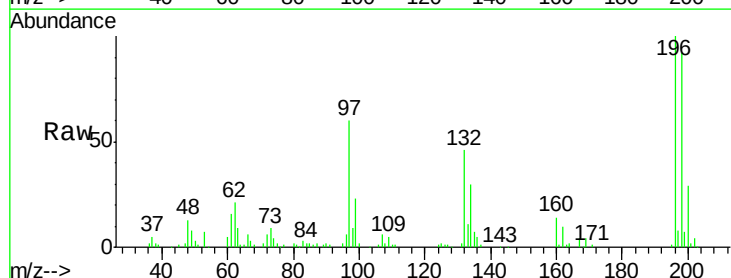
Tgt Ion:196 Resp: 101633

Ion Ratio Lower Upper

196 100

198 92.2 74.6 111.8

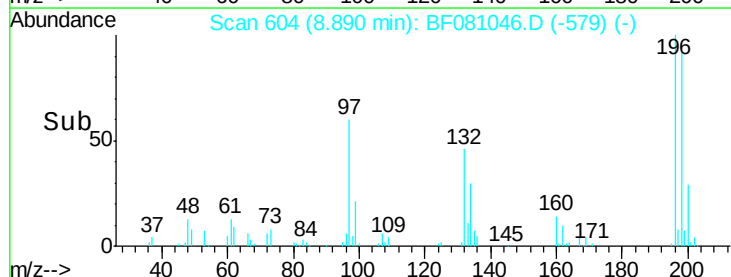
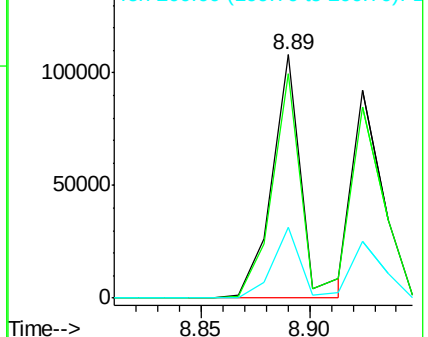
200 29.2 22.7 34.1

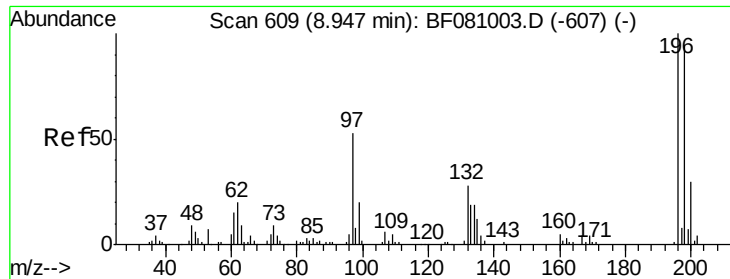


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

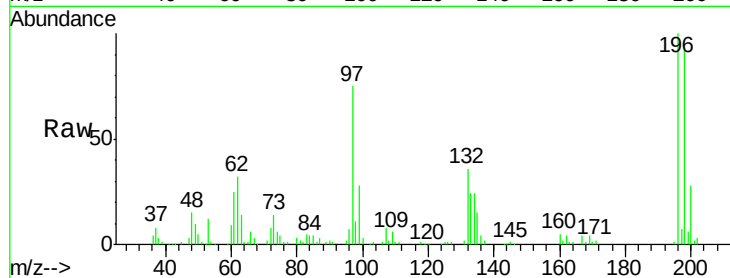




#43
 2,4,5-Trichlorophenol
 Concen: 34.69 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.1	78.3	117.5
97	74.8	42.7	64.1#
132	35.7	23.3	34.9#



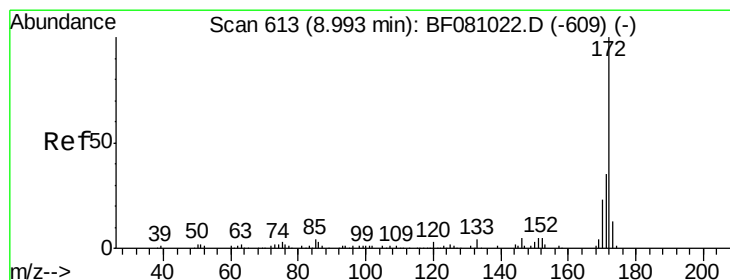
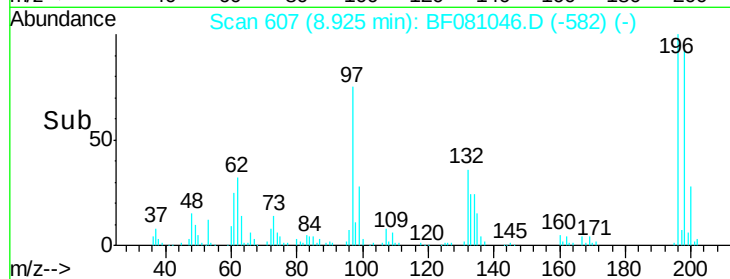
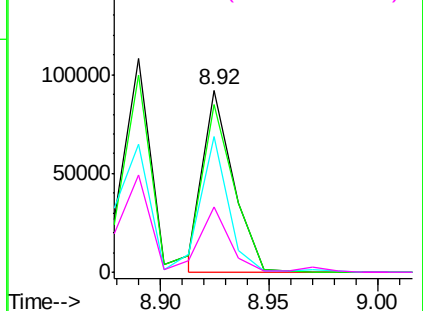
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

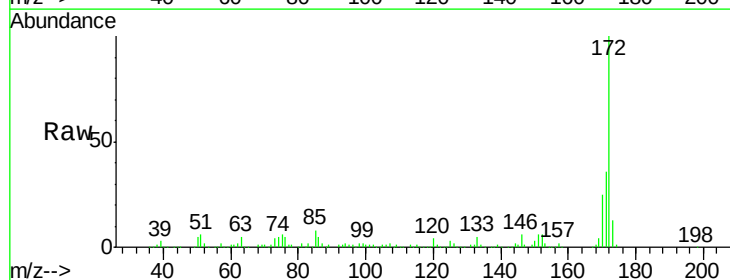
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.48 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	19.4	29.2

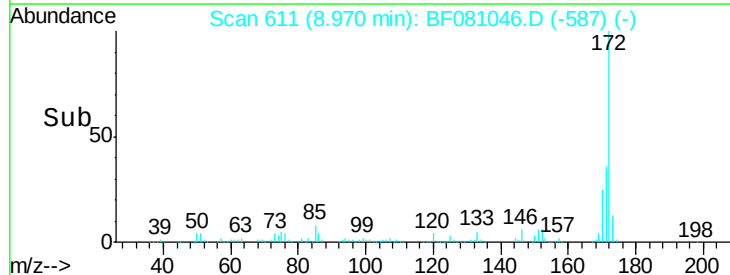
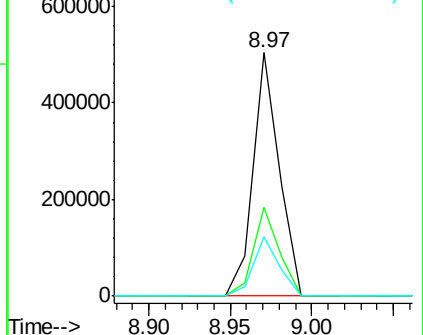


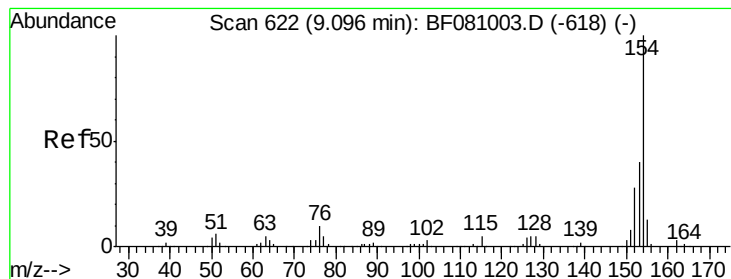
Abundance

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: 40.82 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

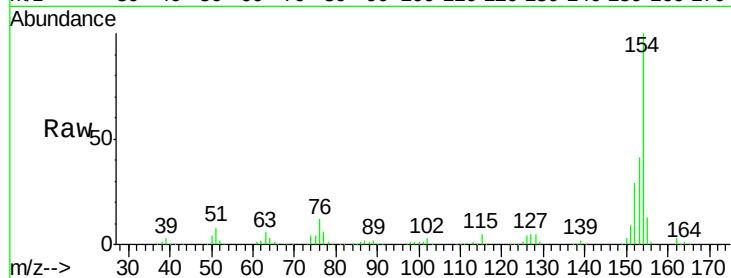
Tot Ion:154 Resp: 402517

Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

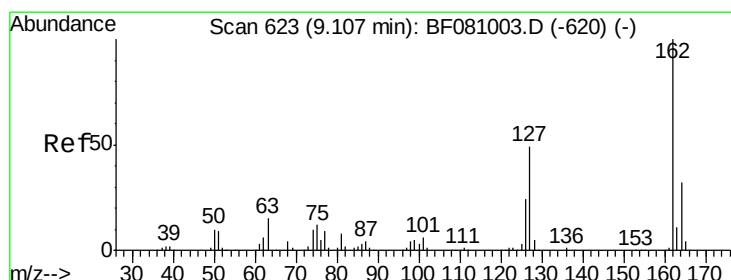
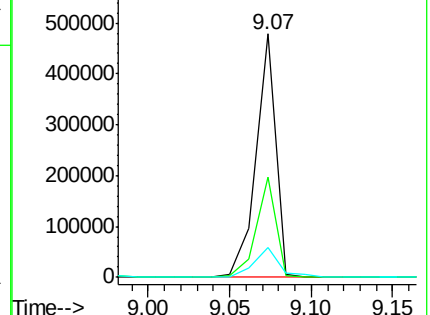
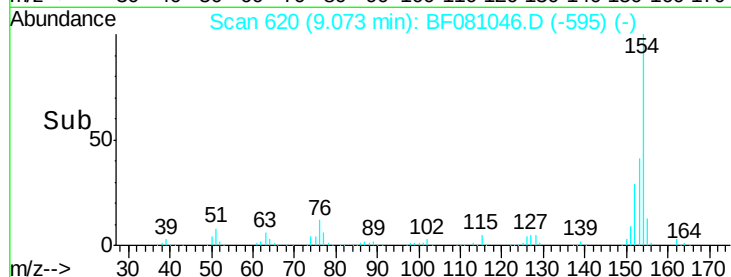
76 12.1 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.39 ng

RT: 9.10 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

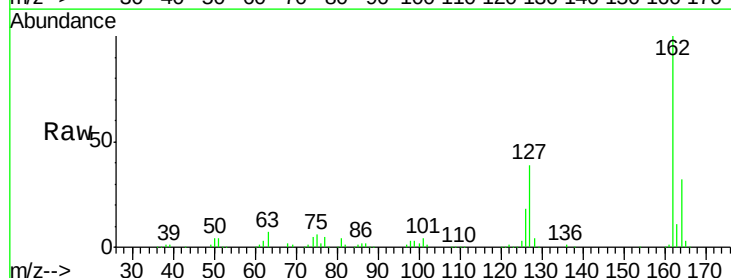
Tgt Ion:162 Resp: 280323

Ion Ratio Lower Upper

162 100

127 38.6 31.3 46.9

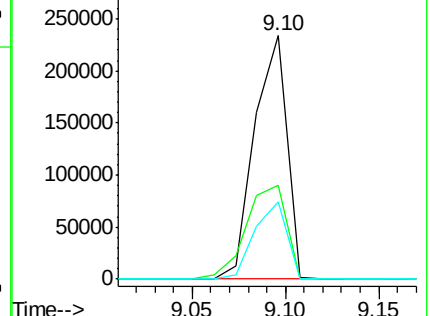
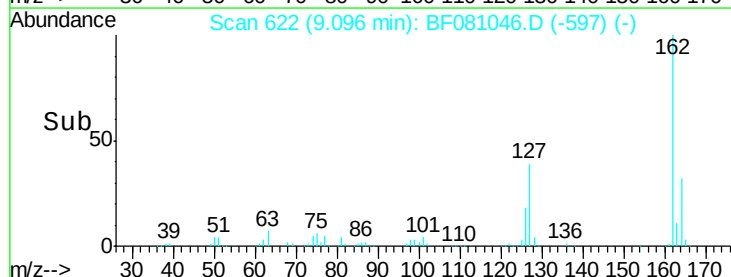
164 31.9 26.3 39.5

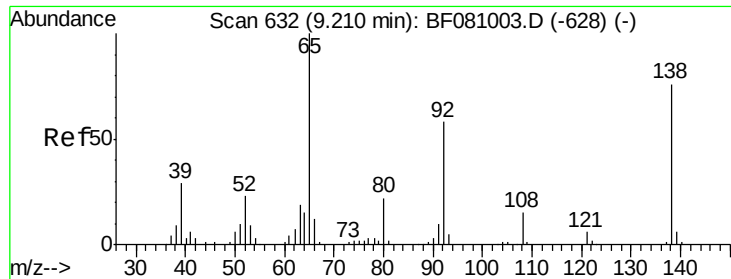


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

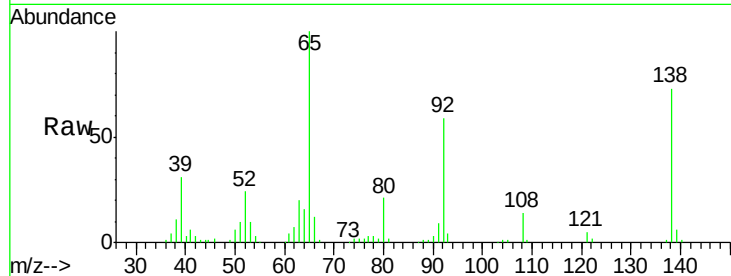




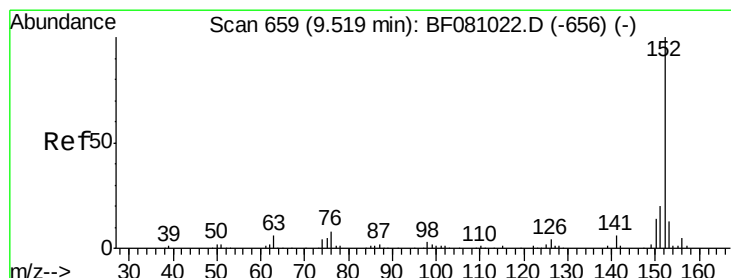
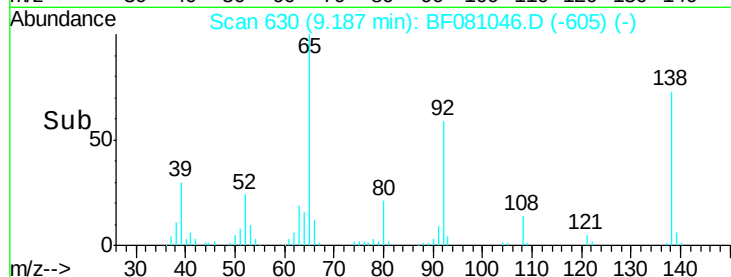
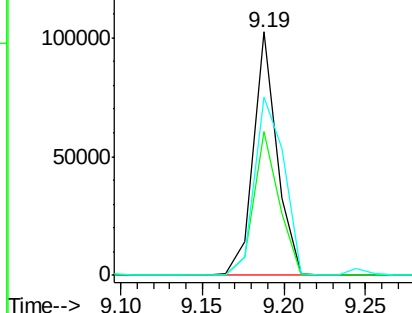
#47
 2-Nitroaniline
 Concen: 31.81 ng
 RT: 9.19 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 65 Resp: 103123
 Ion Ratio Lower Upper
 65 100
 92 58.9 45.6 68.4
 138 73.3 57.9 86.9

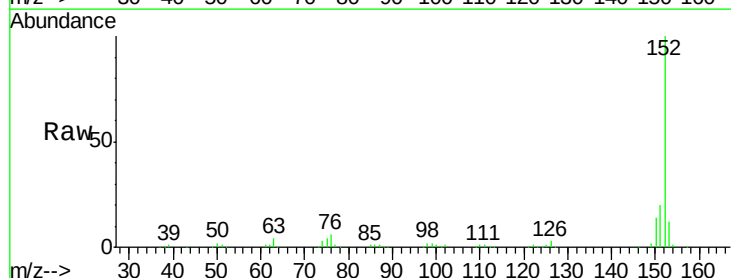


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

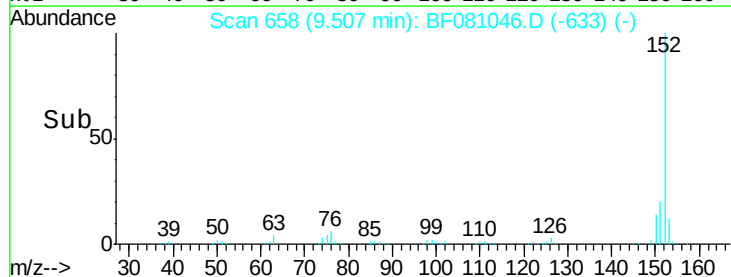
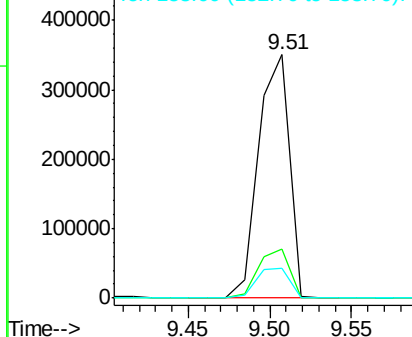


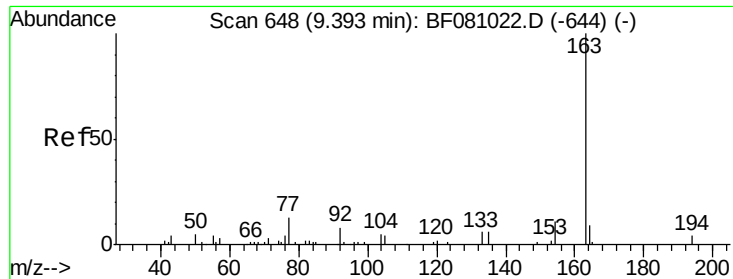
#48
 Acenaphthylene
 Concen: 32.52 ng
 RT: 9.51 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion: 152 Resp: 460716
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.1 24.1
 153 12.4 9.8 14.6



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

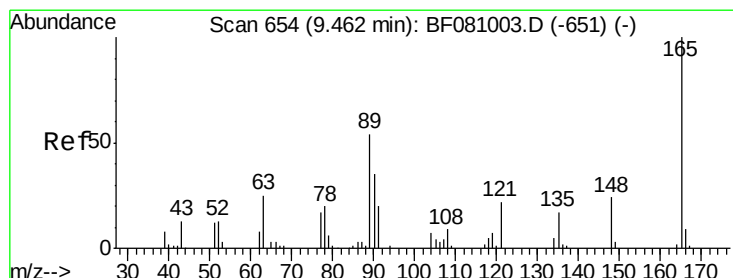
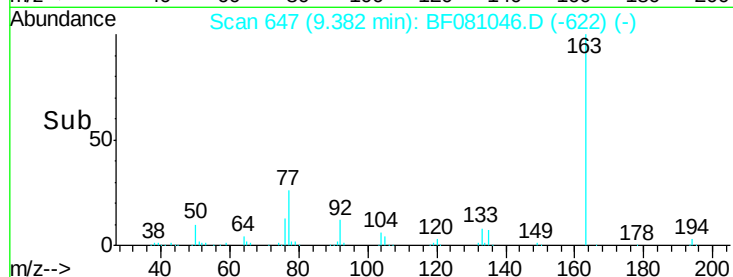
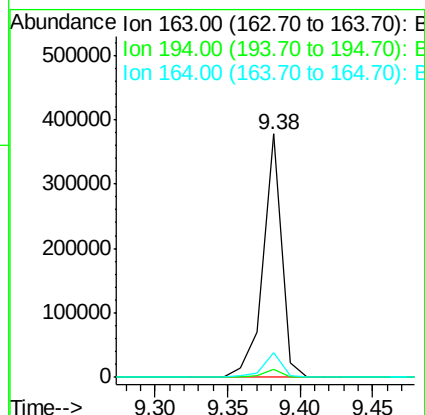
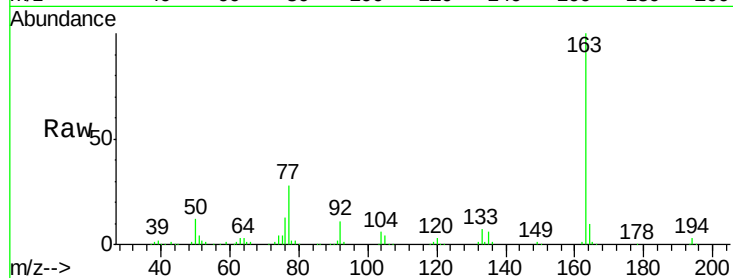




#49
Dimethylphthalate
Concen: 36.20 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

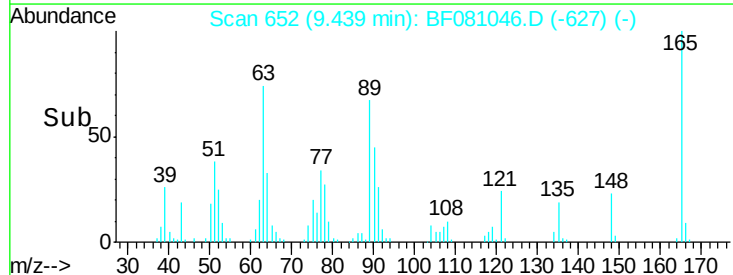
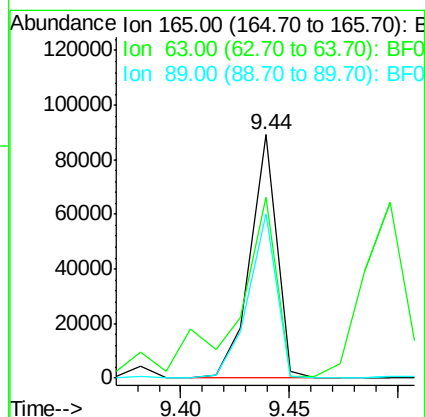
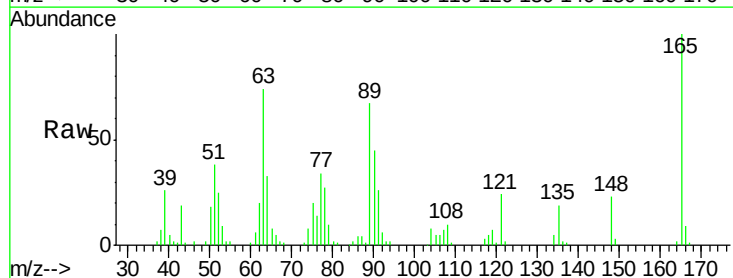
Instrument :
BNA_F
ClientSampleId :

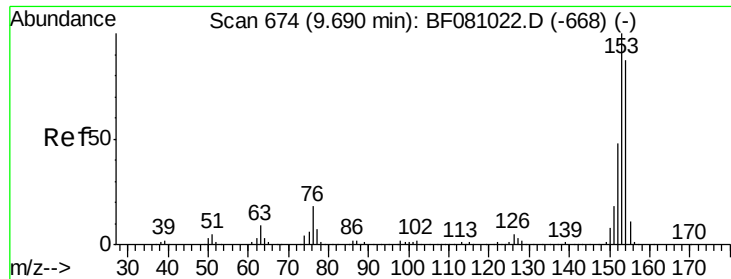
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.5	3.7
164	10.0	8.1	12.1



#50
2,6-Dinitrotoluene
Concen: 38.58 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.4	49.5	74.3#
89	67.4	47.6	71.4





#51

Acenaphthene

Concen: 34.70 ng

RT: 9.68 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

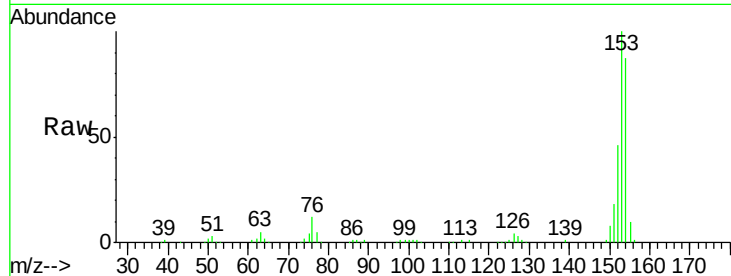
Tot Ion:154 Resp: 294322

Ion Ratio Lower Upper

154 100

153 114.7 91.4 137.2

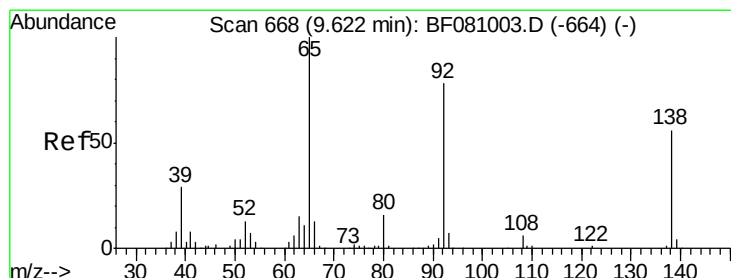
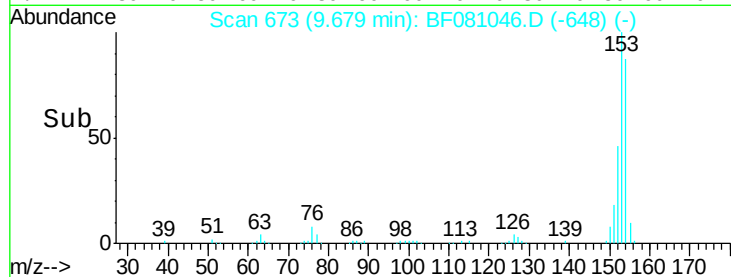
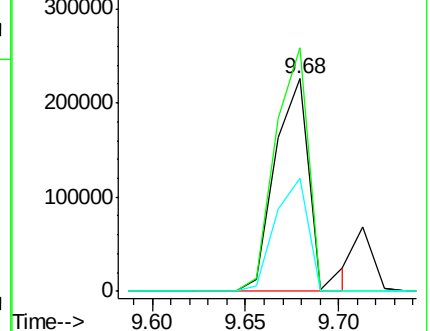
152 53.2 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.30 ng

RT: 9.60 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

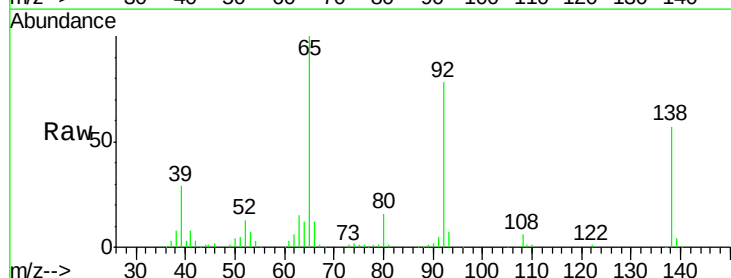
Tgt Ion:138 Resp: 57700

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.2

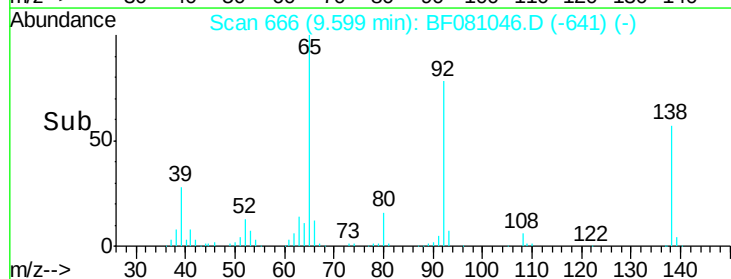
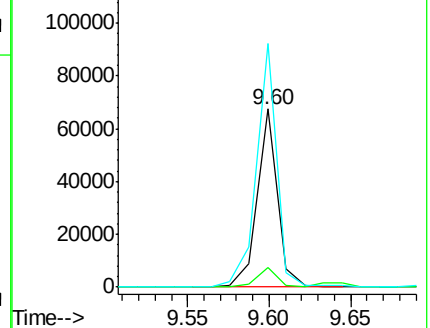
92 137.0 113.2 169.8

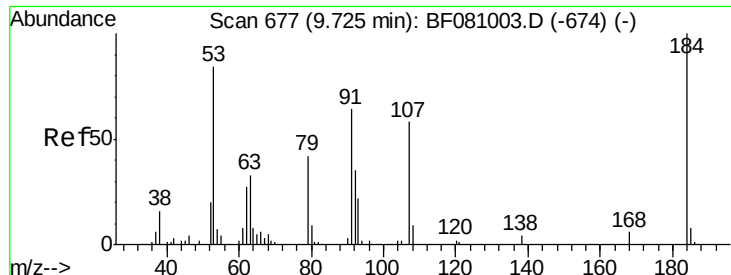


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

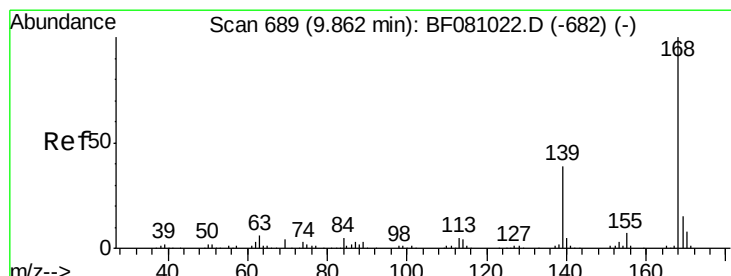
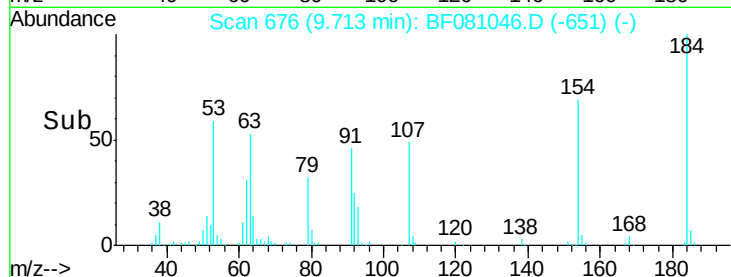
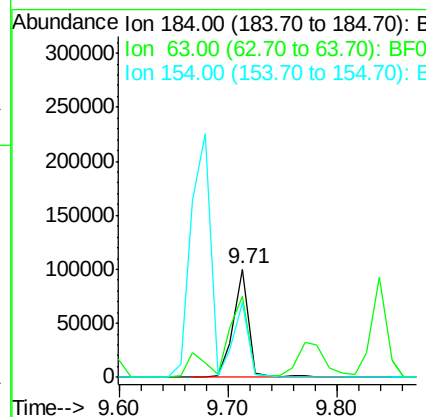
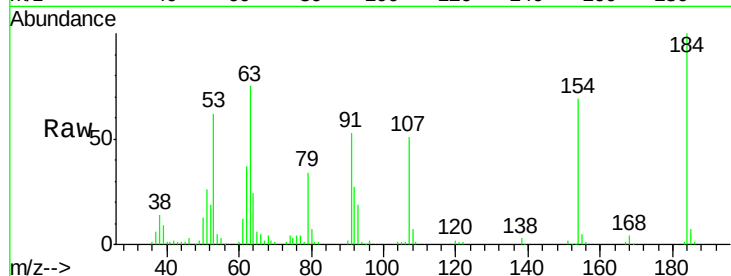




#53
 2,4-Dinitrophenol
 Concen: 86.07 ng
 RT: 9.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

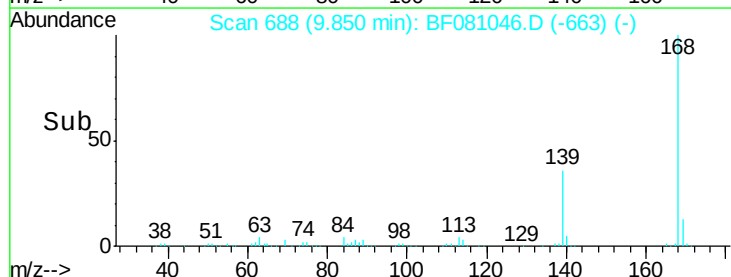
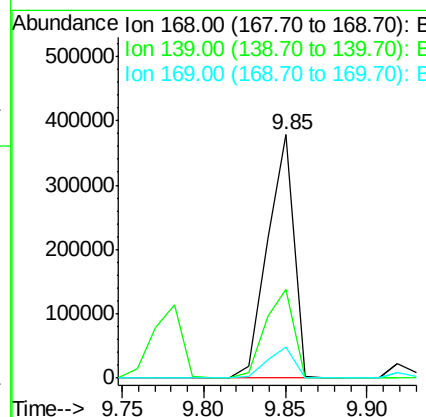
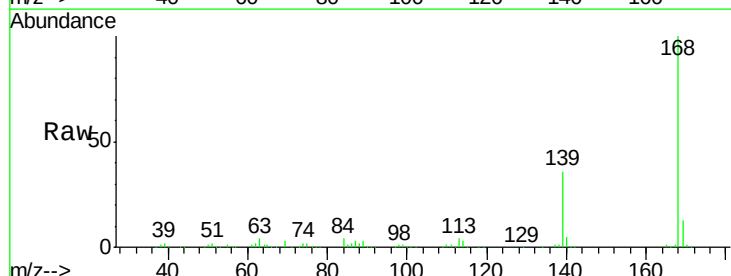
Instrument :
 BNA_F
 ClientSampleId :

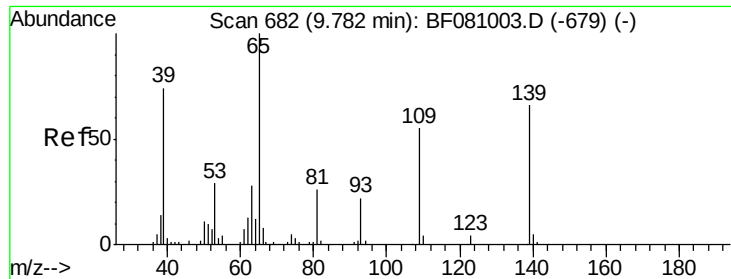
Tot Ion:184 Resp: 96838
 Ion Ratio Lower Upper
 184 100
 63 75.0 101.7 152.5#
 154 68.6 67.4 101.0



#54
 Dibenzofuran
 Concen: 37.21 ng
 RT: 9.85 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion:168 Resp: 422911
 Ion Ratio Lower Upper
 168 100
 139 36.2 29.3 43.9
 169 12.8 10.3 15.5





#55

4-Nitrophenol

Concen: 83.69 ng

RT: 9.78 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

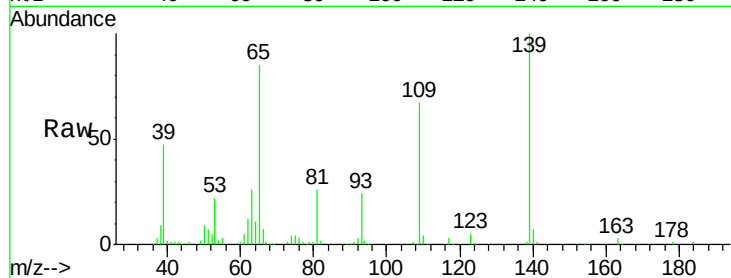
Tot Ion:139 Resp: 145587

Ion Ratio Lower Upper

139 100

109 66.5 80.0 120.0#

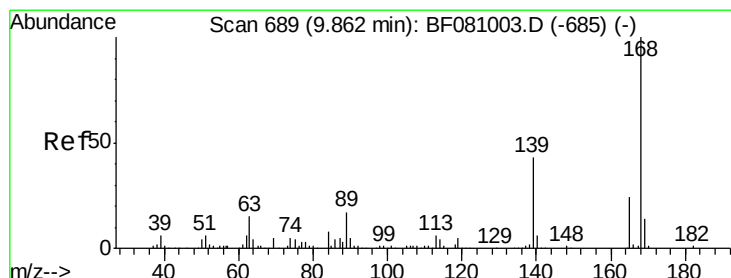
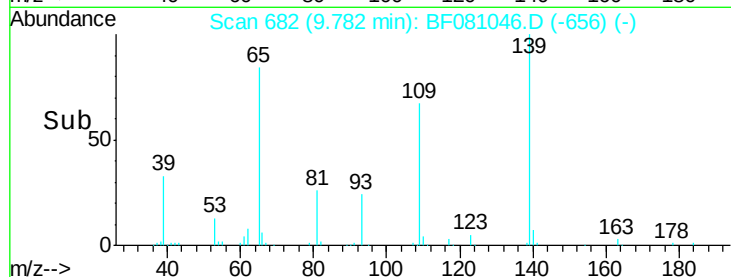
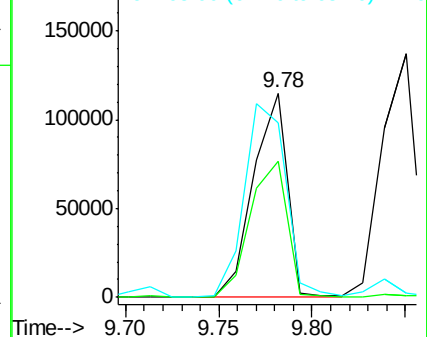
65 85.4 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 38.53 ng

RT: 9.84 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:165 Resp: 101080

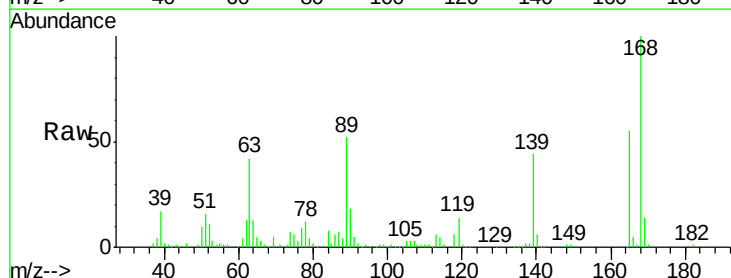
Ion Ratio Lower Upper

165 100

63 76.7 52.2 78.4

89 94.4 60.1 90.1#

182 2.0 1.8 2.6

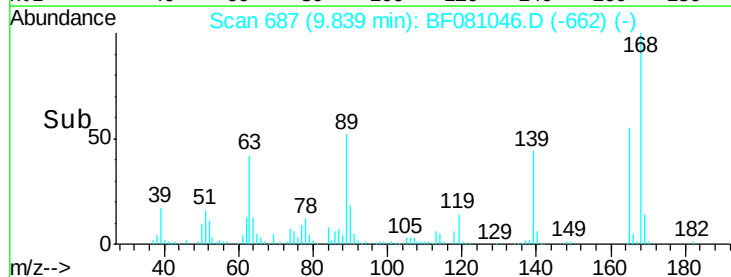
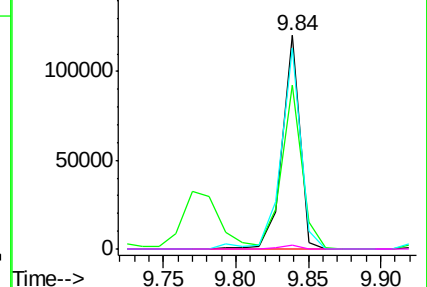


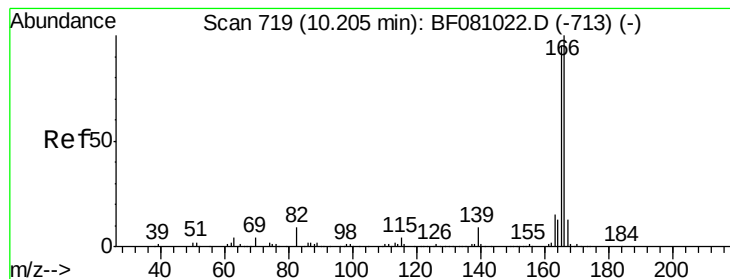
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 32.76 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

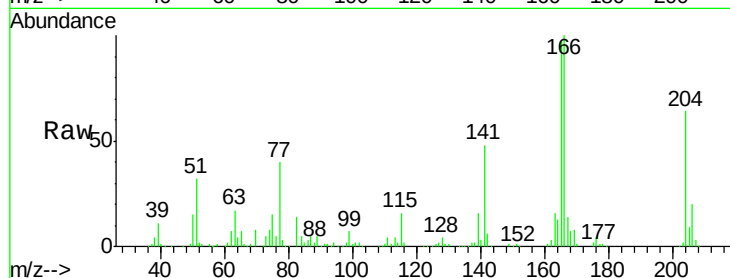
Tot Ion:166 Resp: 286495

Ion Ratio Lower Upper

166 100

165 96.8 75.8 113.8

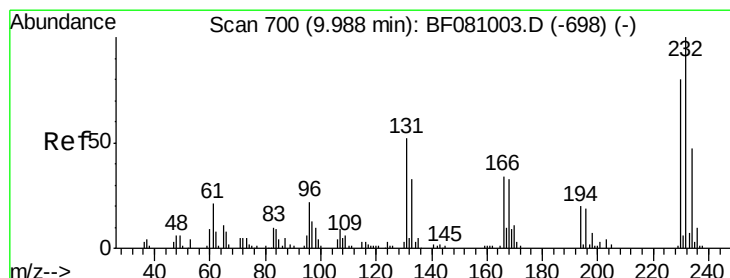
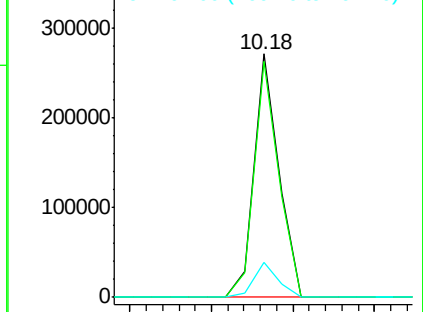
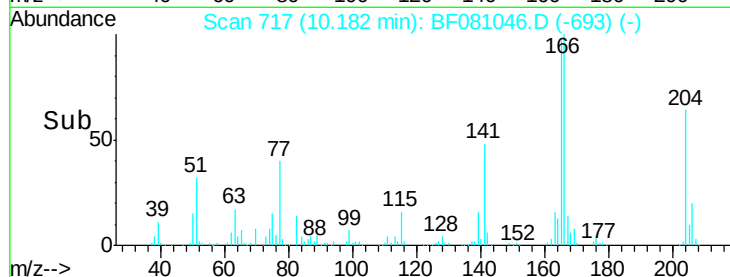
167 14.1 11.3 16.9



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: 37.59 ng

RT: 9.92 min Scan# 694

Delta R.T. -0.07 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion:232 Resp: 74196

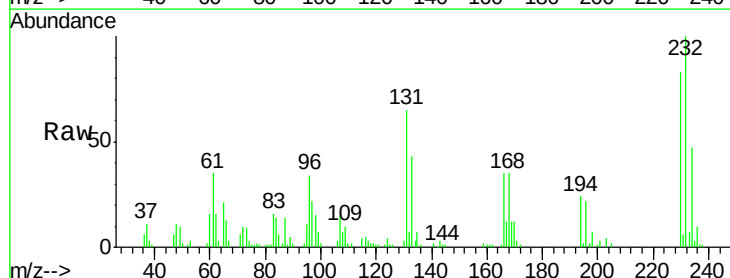
Ion Ratio Lower Upper

232 100

131 51.5 42.2 63.4

130 2.7 2.1 3.1

166 29.3 22.4 33.6

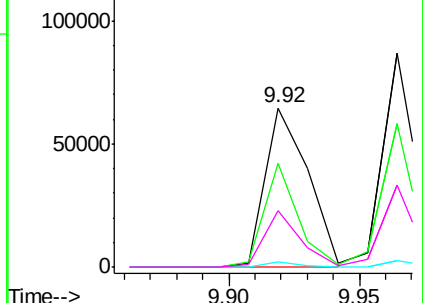
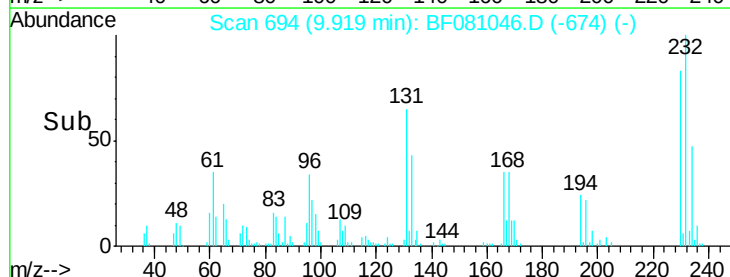


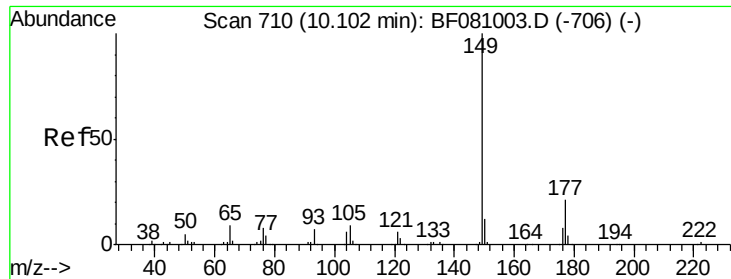
Abundance Ion 232.00 (231.70 to 232.70): E

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

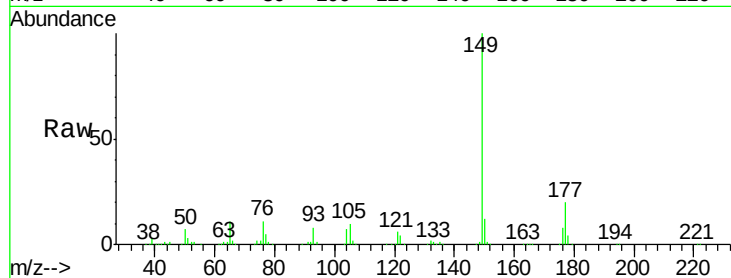




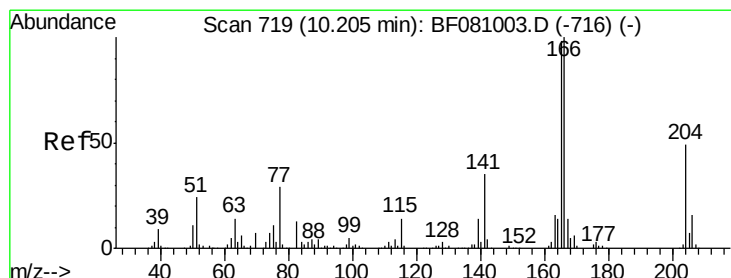
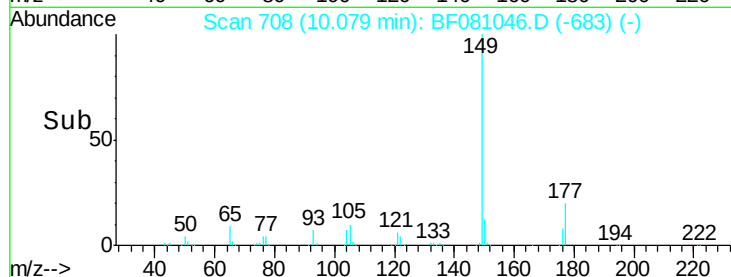
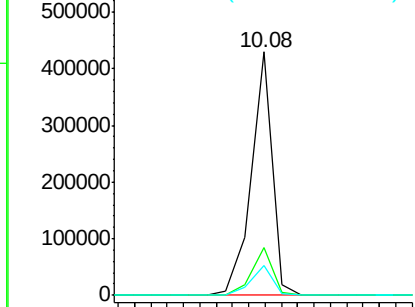
#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.08 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 385129
Ion Ratio Lower Upper
149 100
177 19.6 14.1 21.1
150 12.3 10.3 15.5

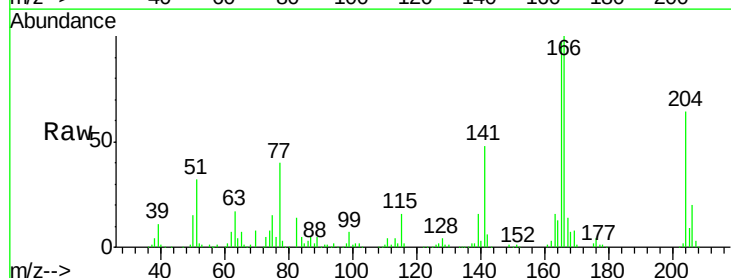


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

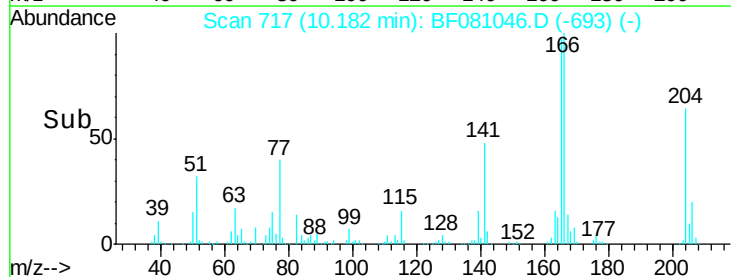
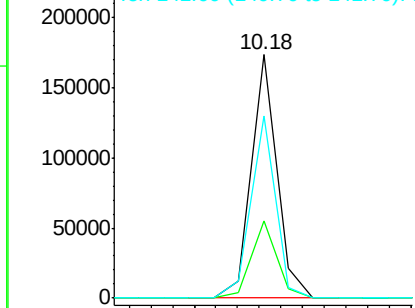


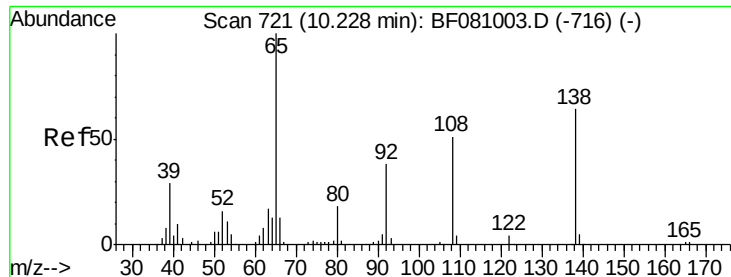
#60
4-Chlorophenyl-phenylether
Concen: 38.36 ng
RT: 10.18 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion:204 Resp: 141934
Ion Ratio Lower Upper
204 100
206 31.8 26.2 39.2
141 74.7 59.6 89.4



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: 36.27 ng

RT: 10.22 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

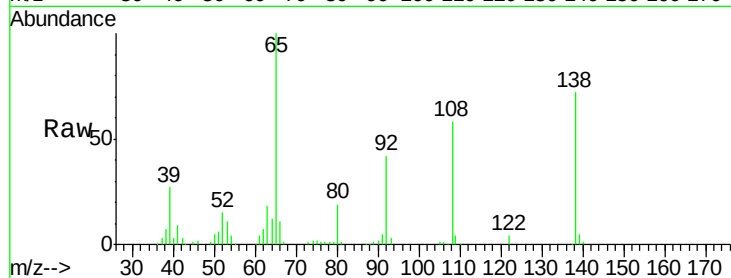
Tot Ion:138 Resp: 91825

Ion Ratio Lower Upper

138 100

92 58.0 34.7 74.7

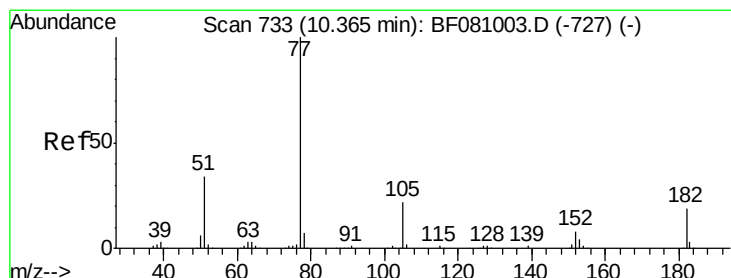
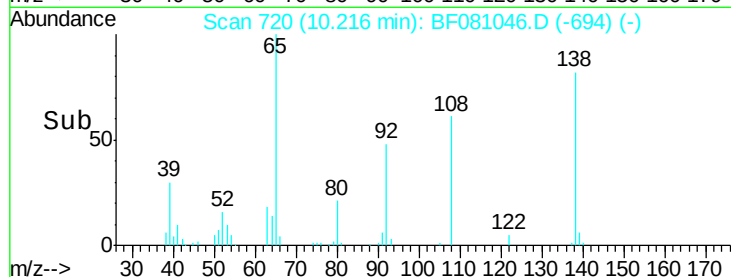
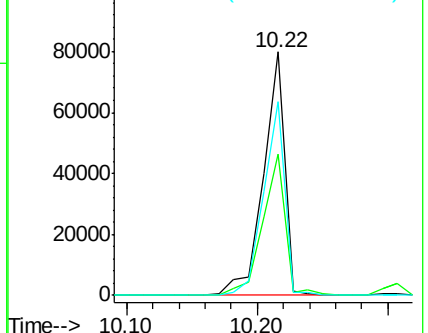
108 79.6 68.9 108.9



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: 40.32 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Tgt Ion: 77 Resp: 453357

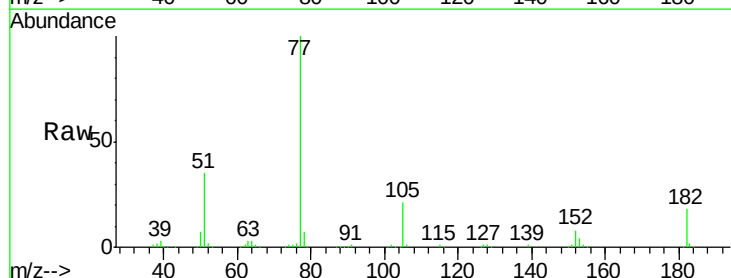
Ion Ratio Lower Upper

77 100

182 17.8 0.0 39.0

105 21.3 0.2 40.2

51 34.8 18.0 58.0

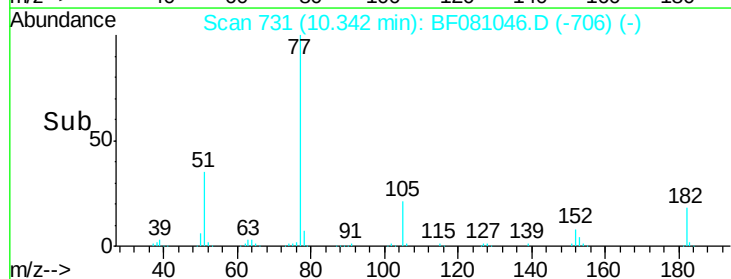
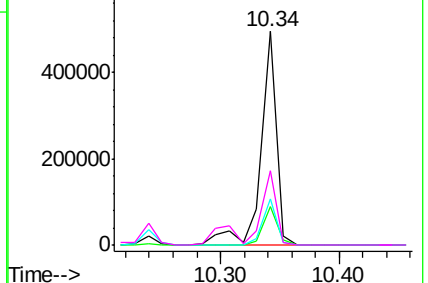


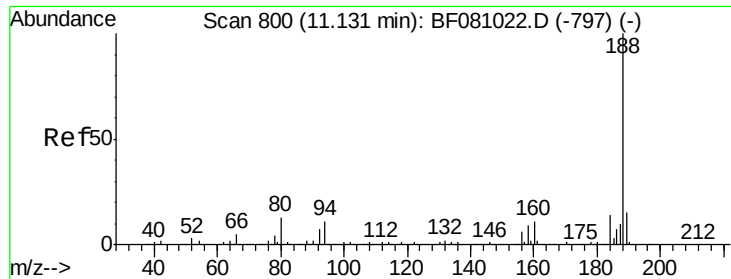
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

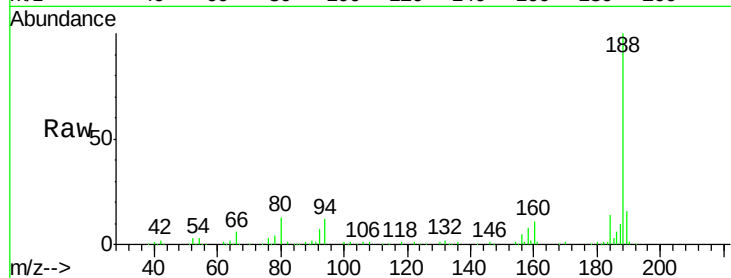




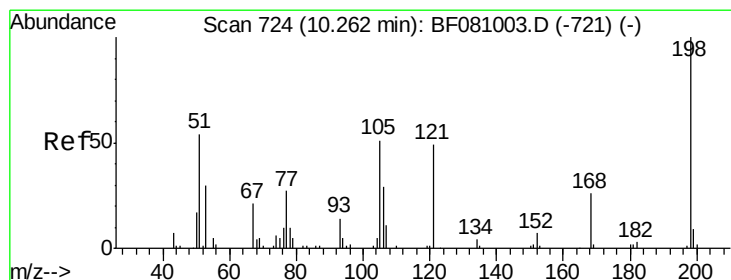
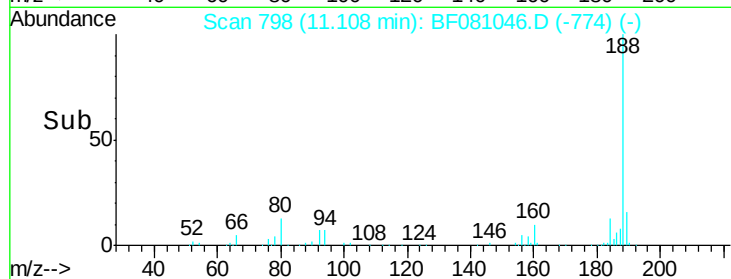
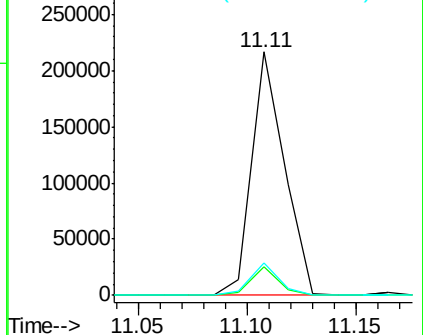
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.2	12.2
80	13.3	9.5	14.3

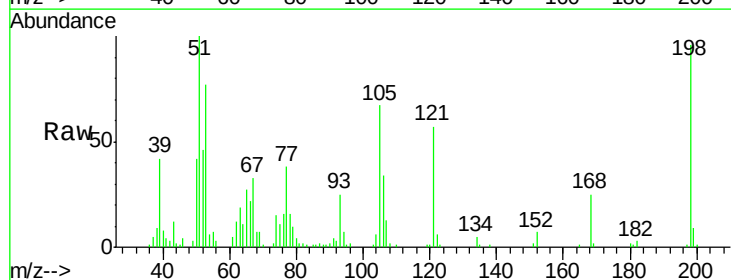


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

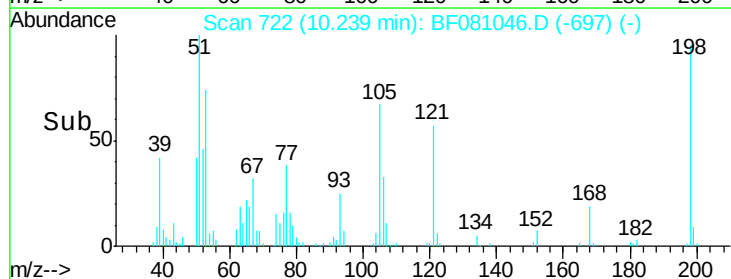
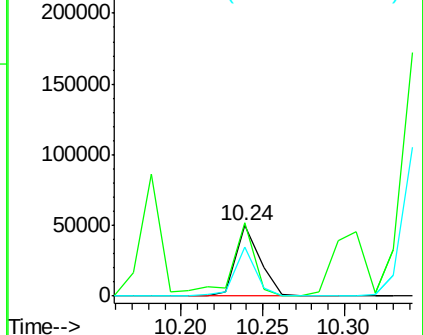


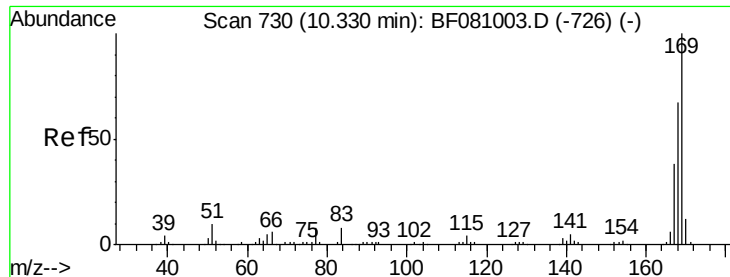
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.68 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
198	100		
51	103.9	79.7	119.7
105	70.0	47.0	87.0



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

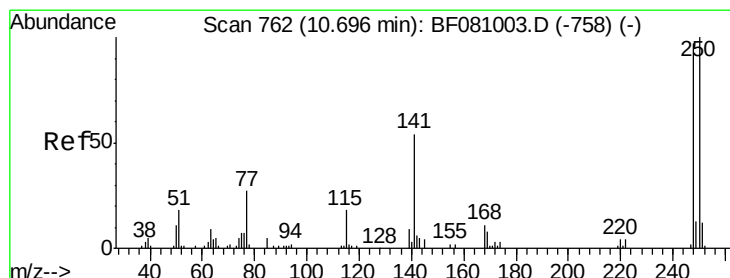
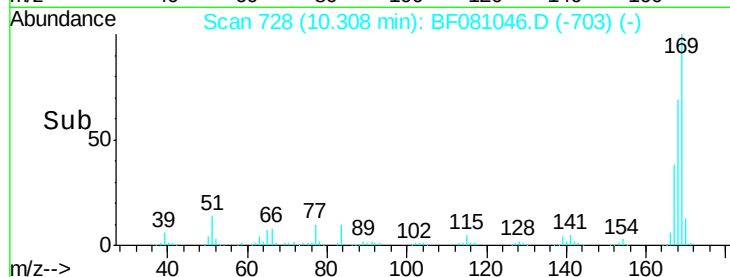
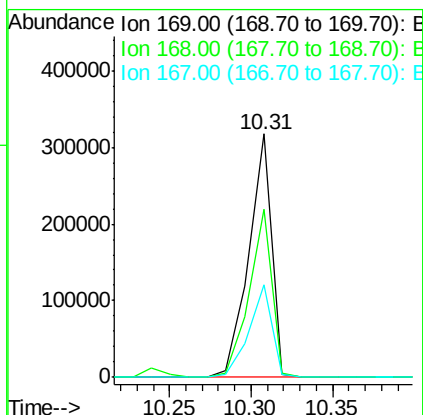
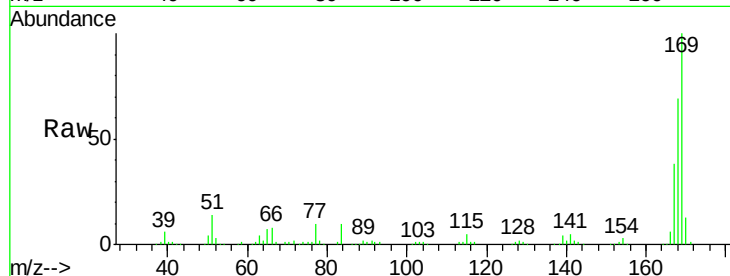




#65
 n-Nitrosodiphenylamine
 Concen: 38.08 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

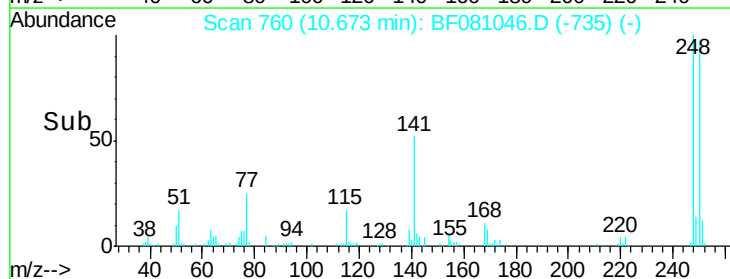
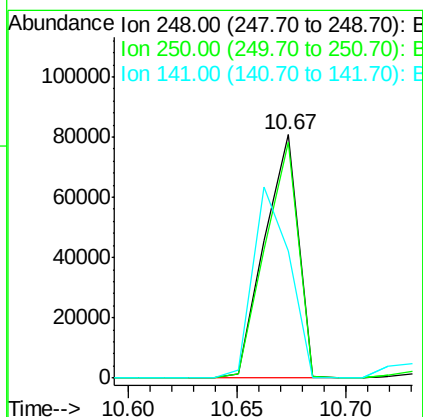
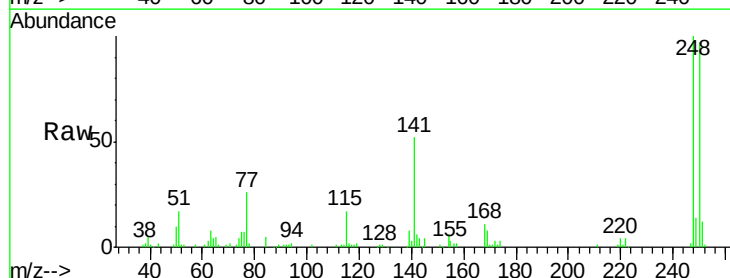
Instrument :
 BNA_F
 ClientSampleId :

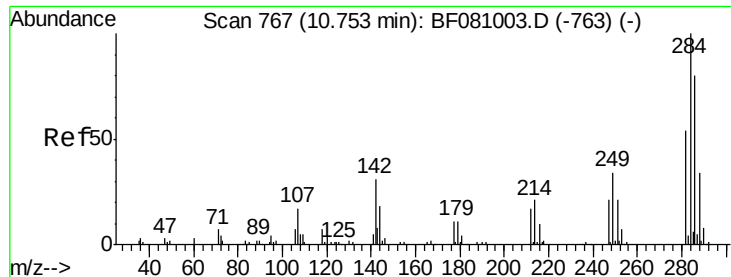
Tot Ion:169 Resp: 308271
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.3 82.9
 167 38.1 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 39.57 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion:248 Resp: 88149
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.8 116.6
 141 52.3 39.8 59.6





#67

Hexachlorobenzene

Concen: 39.06 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

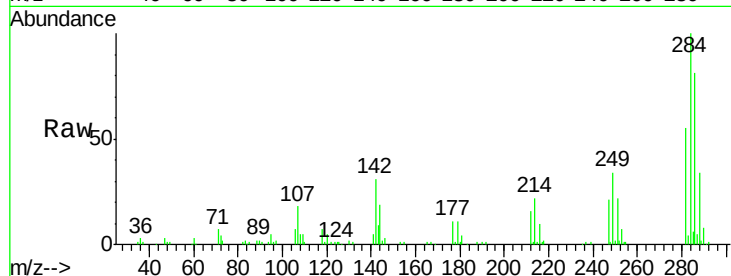
Tot Ion:284 Resp: 88142

Ion Ratio Lower Upper

284 100

142 31.3 25.4 38.0

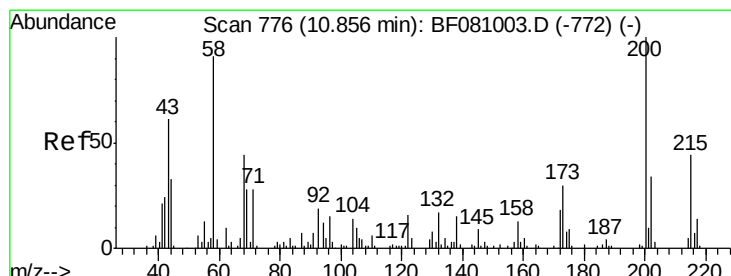
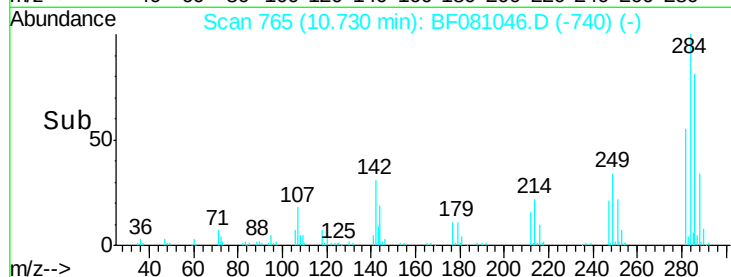
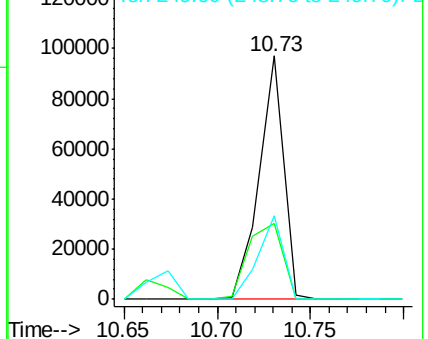
249 34.1 28.5 42.7



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: 40.62 ng

RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

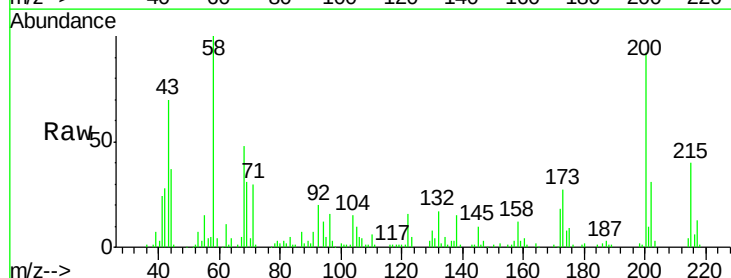
Tgt Ion:200 Resp: 91628

Ion Ratio Lower Upper

200 100

173 29.8 8.1 48.1

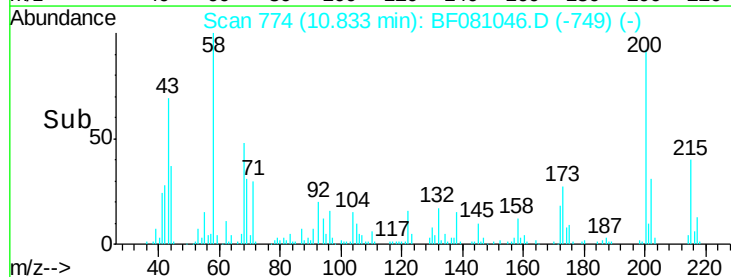
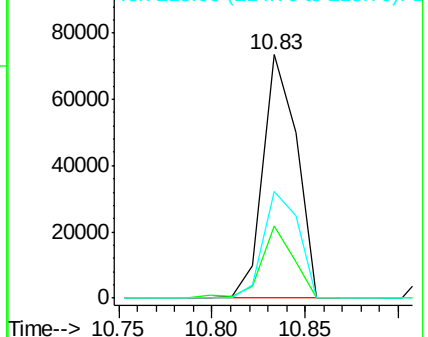
215 43.6 23.3 63.3

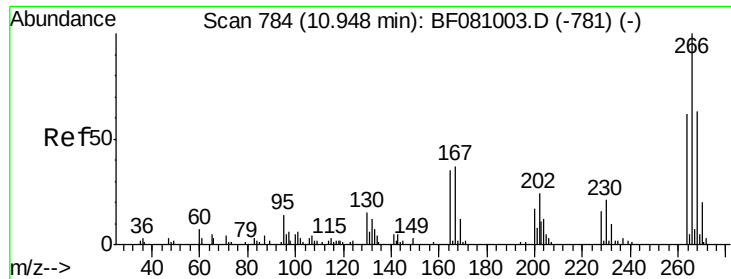


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

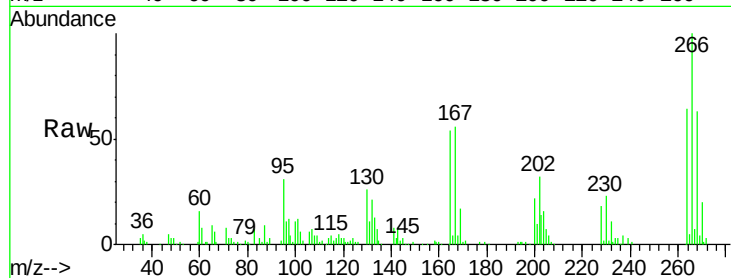




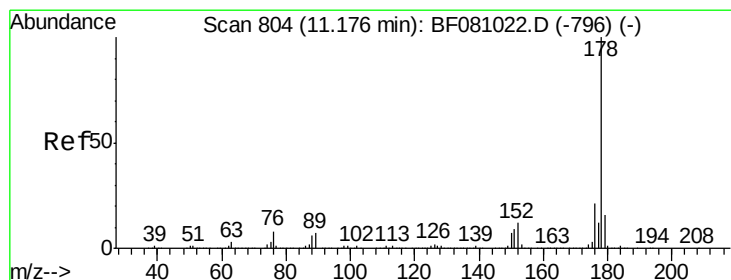
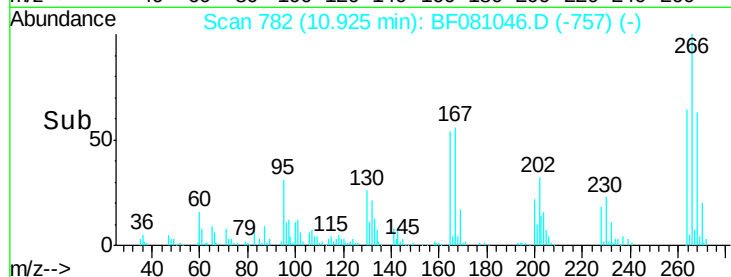
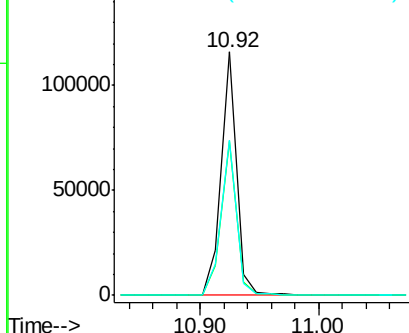
#69
 Pentachlorophenol
 Concen: 76.72 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.2	76.8
264	63.6	50.6	75.8

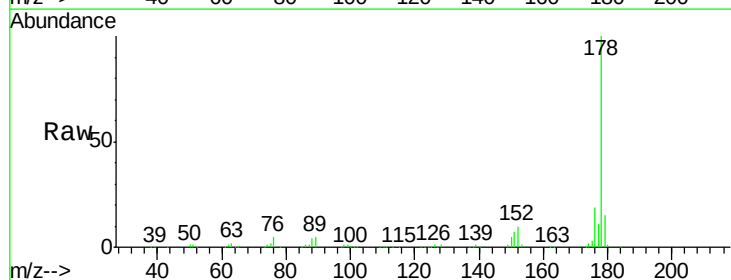


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

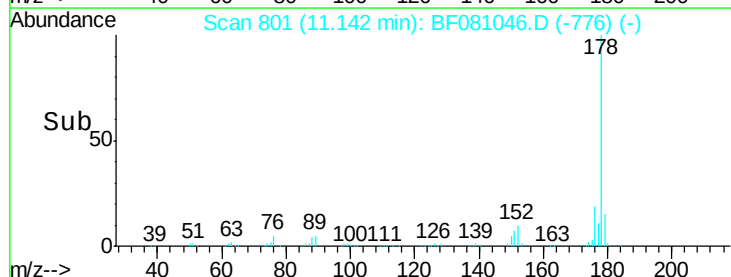
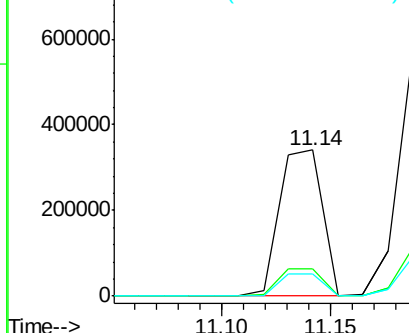


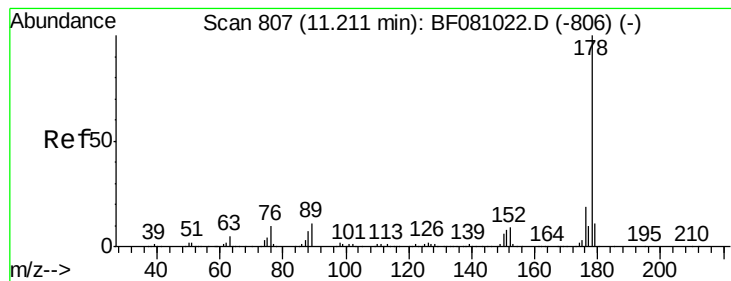
#70
 Phenanthrene
 Concen: 34.91 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.1	12.2	18.2



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





#71

Anthracene

Concen: 37.05 ng

RT: 11.19 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

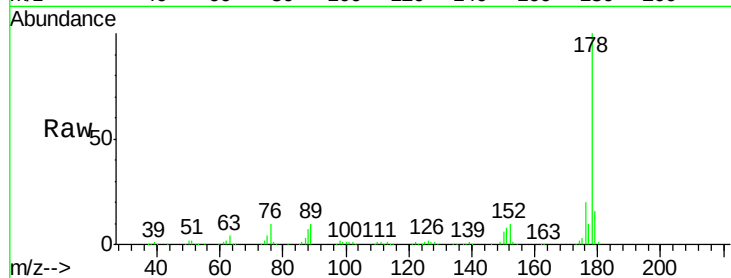
Tot Ion:178 Resp: 484577

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

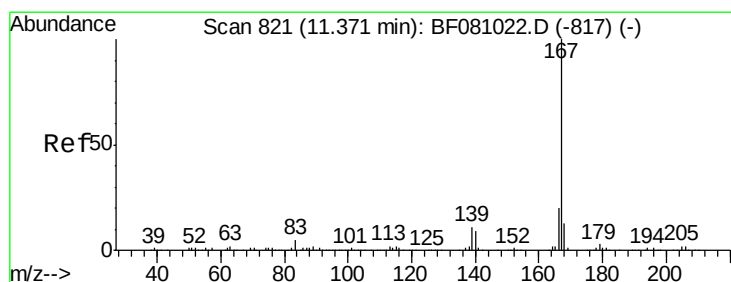
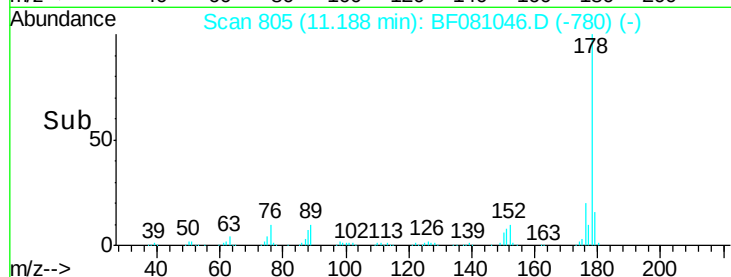
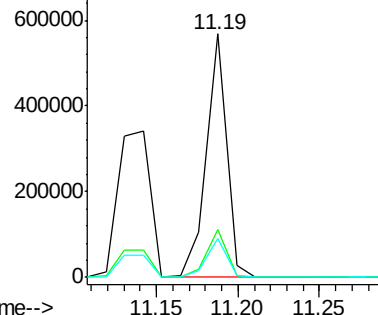
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.36 ng

RT: 11.35 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

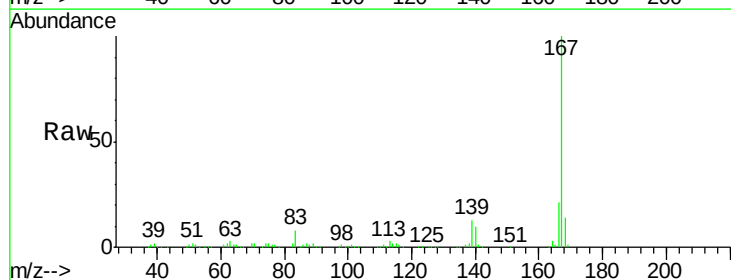
Tgt Ion:167 Resp: 520876

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

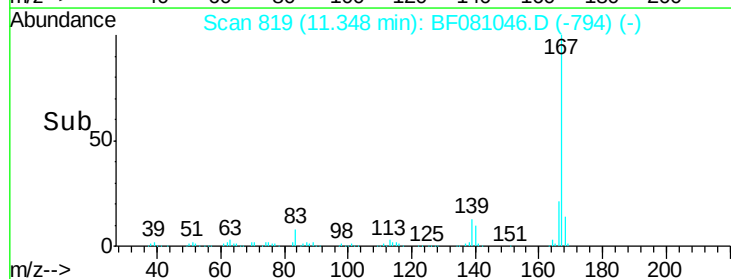
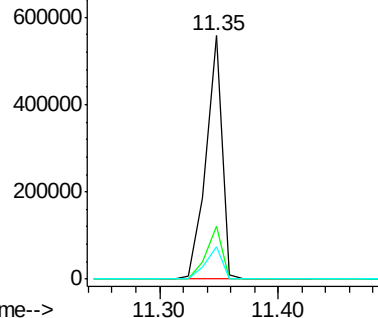
139 13.4 10.6 16.0

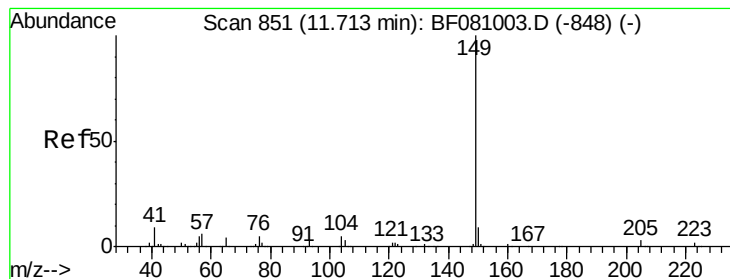


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.01 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

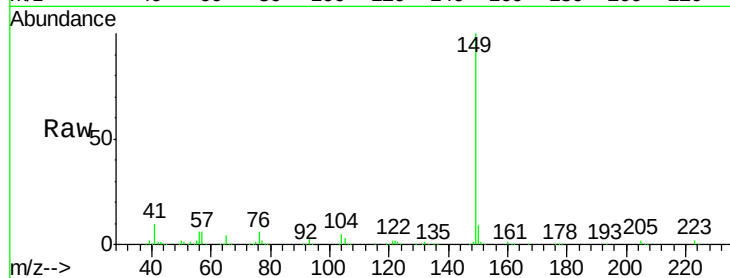
Tot Ion:149 Resp: 624953

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

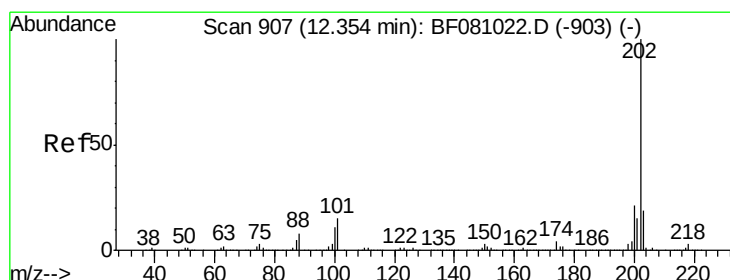
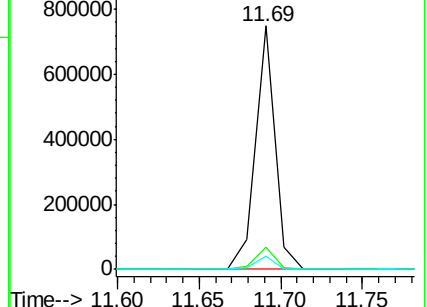
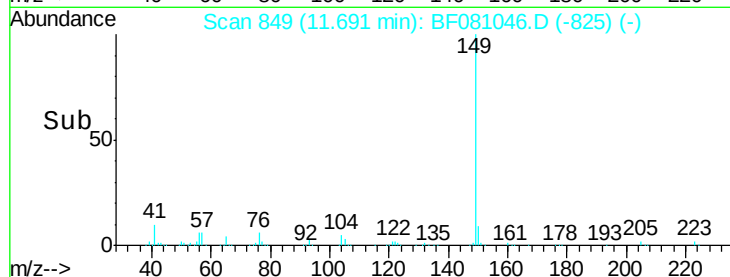
104 5.3 3.9 5.9



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: 37.89 ng

RT: 12.32 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

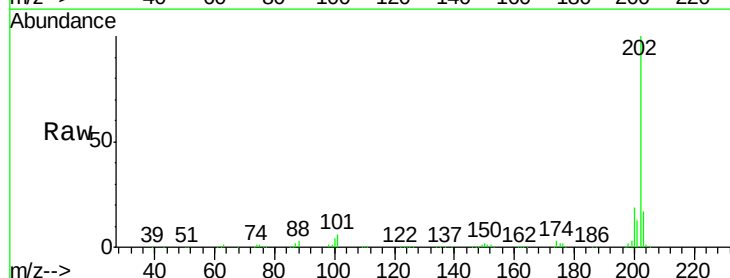
Tgt Ion:202 Resp: 549530

Ion Ratio Lower Upper

202 100

101 5.6 0.0 24.8

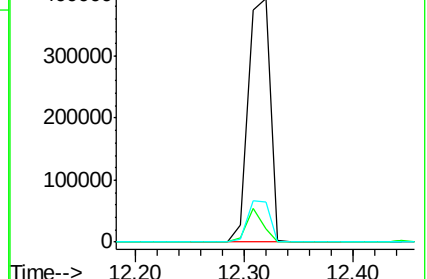
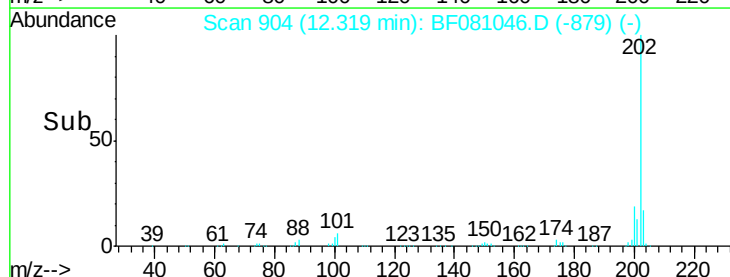
203 16.7 0.0 36.9

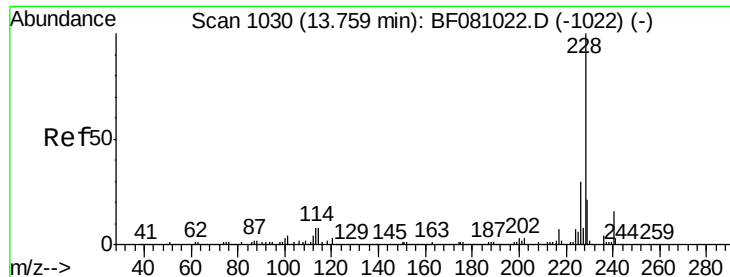


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

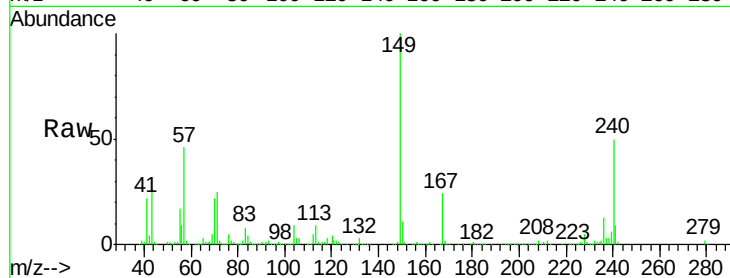
Tot Ion:240 Resp: 202978

Ion Ratio Lower Upper

240 100

120 7.6 5.6 8.4

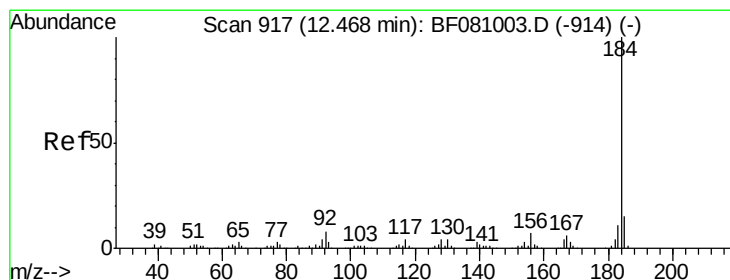
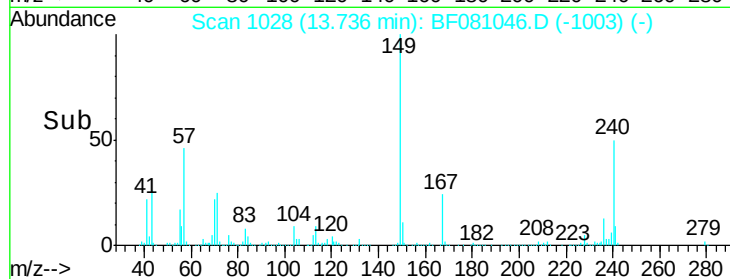
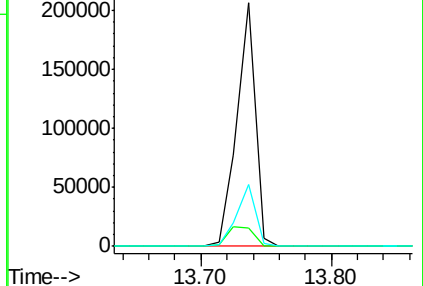
236 25.5 20.6 30.8



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: 38.42 ng

RT: 12.44 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

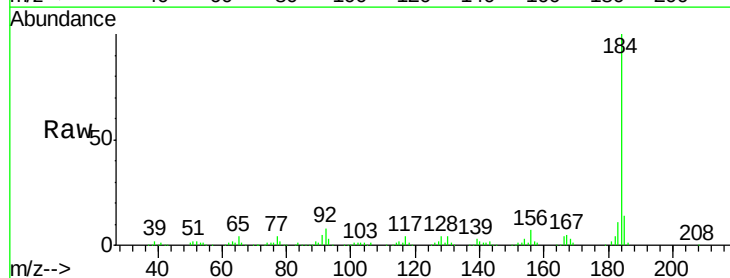
Tgt Ion:184 Resp: 294588

Ion Ratio Lower Upper

184 100

185 14.5 12.0 18.0

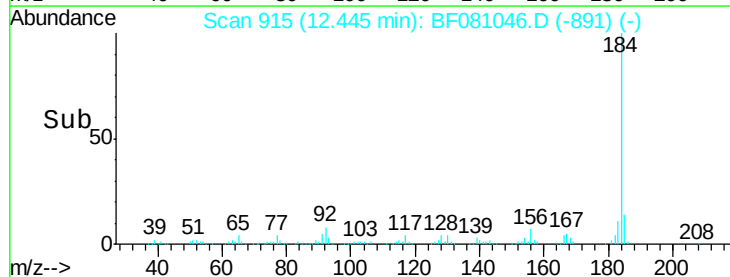
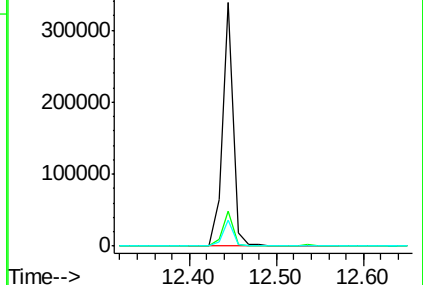
183 10.6 8.9 13.3

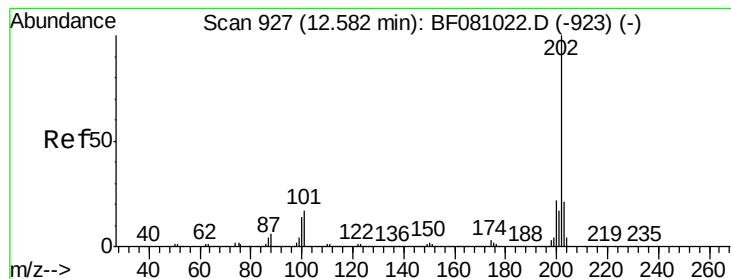


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 30.74 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

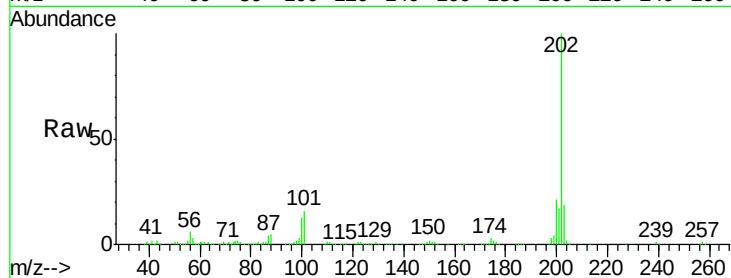
Tot Ion:202 Resp: 507222

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

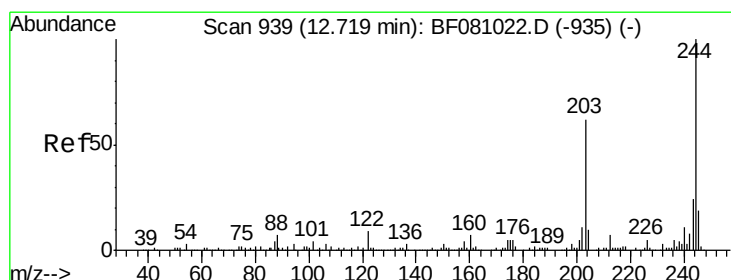
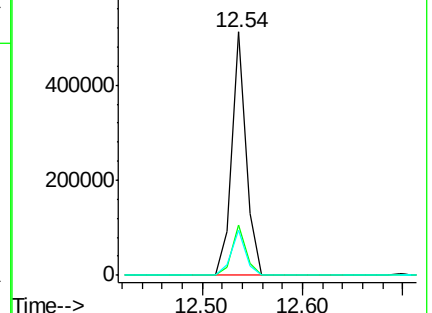
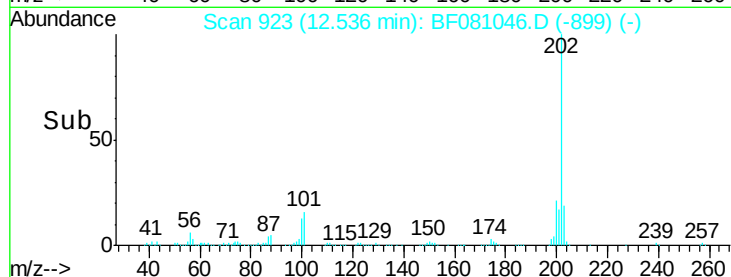
203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 64.64 ng

RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

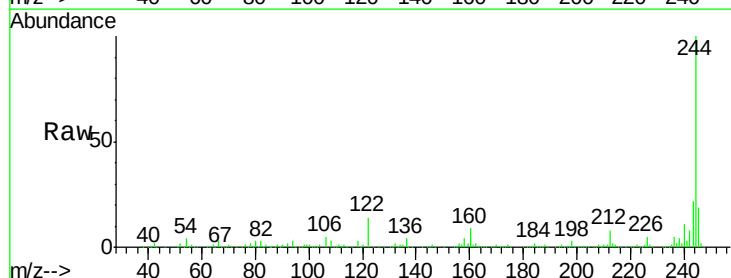
Tgt Ion:244 Resp: 612047

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

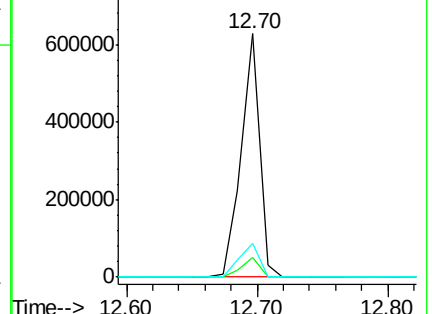
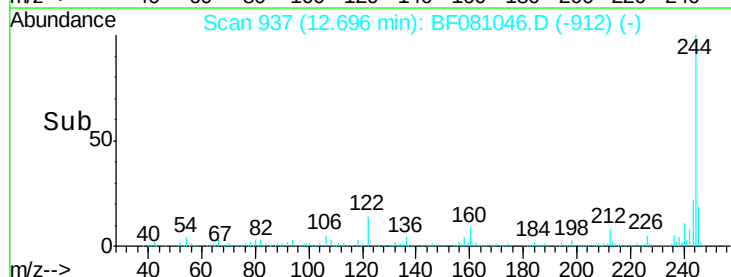
122 14.0 8.2 12.4#

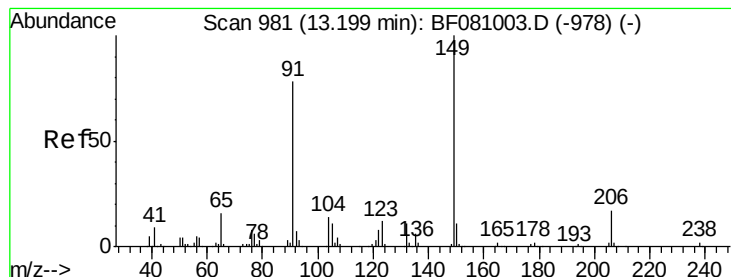


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.66 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

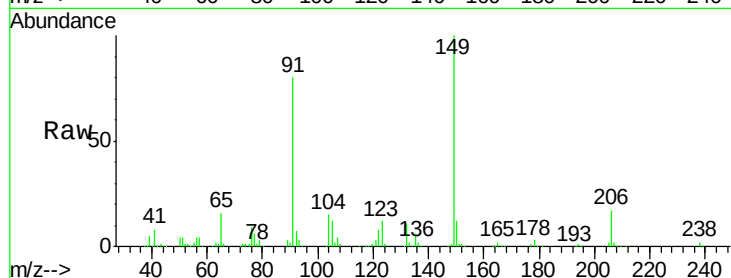
Tot Ion:149 Resp: 295502

Ion Ratio Lower Upper

149 100

91 79.5 46.9 70.3#

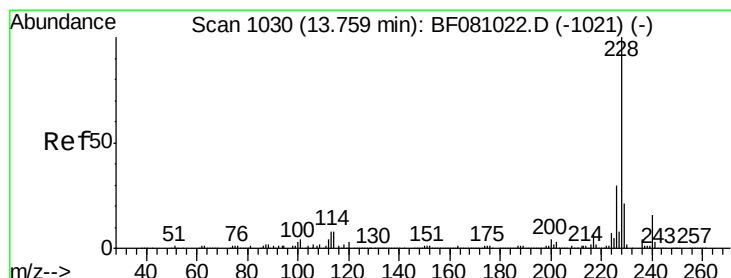
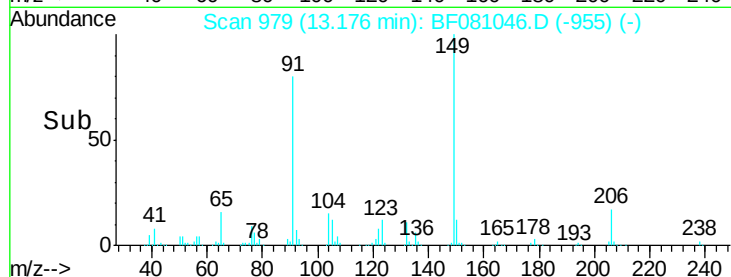
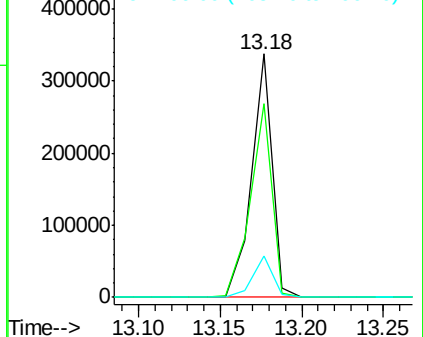
206 16.9 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.82 ng

RT: 13.73 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

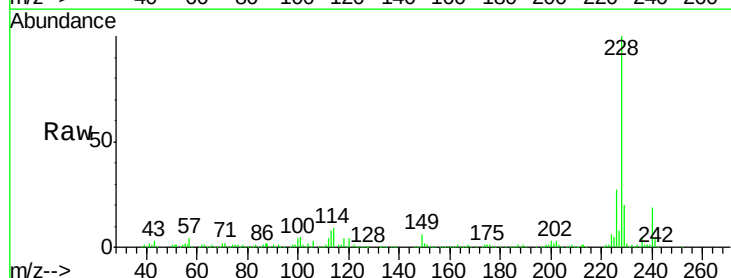
Tgt Ion:228 Resp: 501255

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

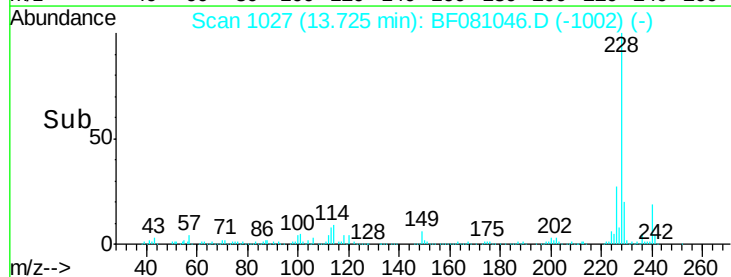
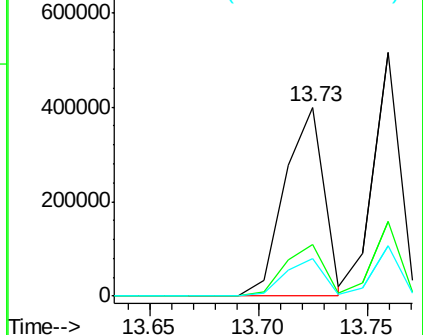
229 19.7 15.9 23.9

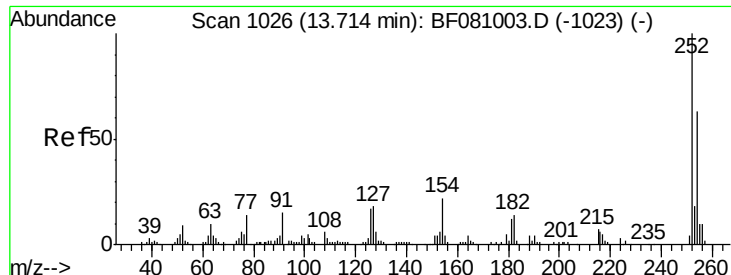


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

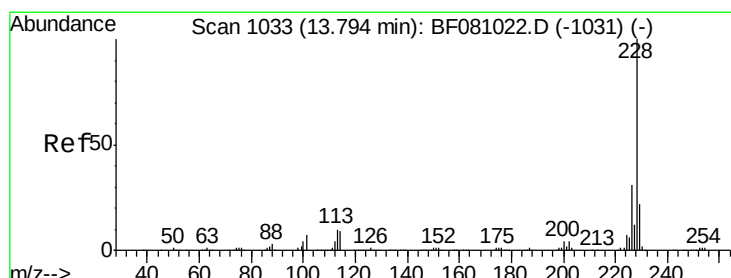
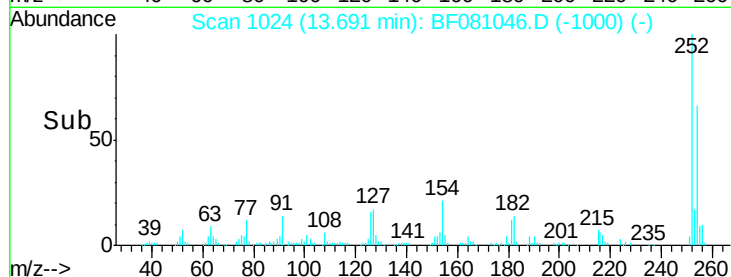
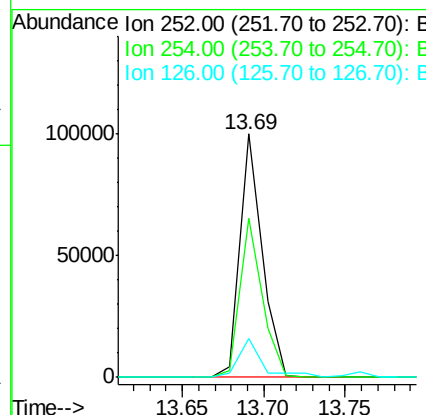
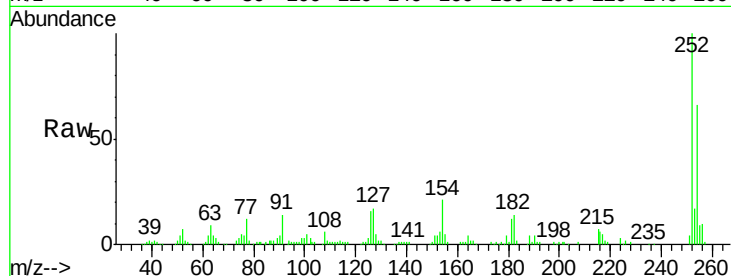




#81
 3,3'-Dichlorobenzidine
 Concen: 21.29 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

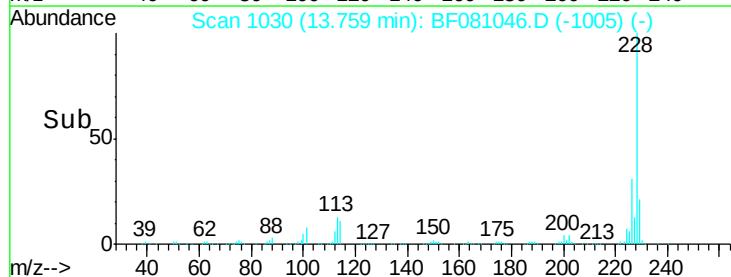
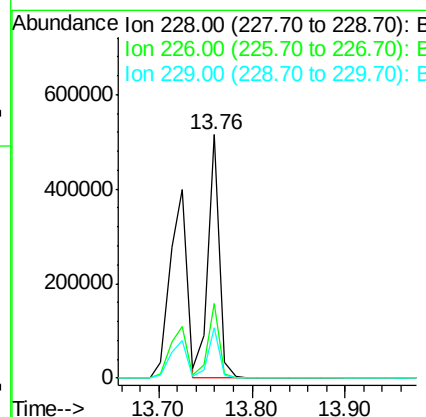
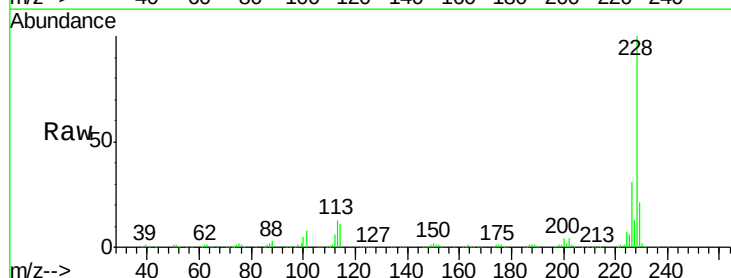
Instrument :
 BNA_F
 ClientSampleId :

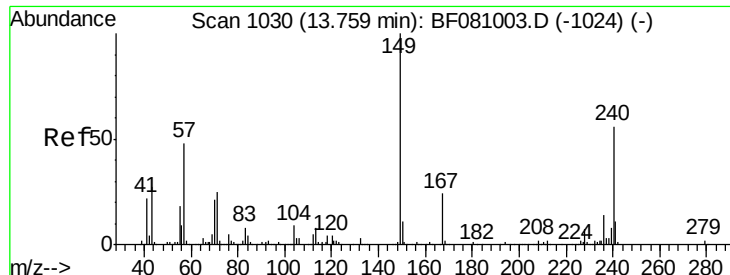
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	15.9	12.5	18.7



#82
 Chrysene
 Concen: 36.26 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.6	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.36 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

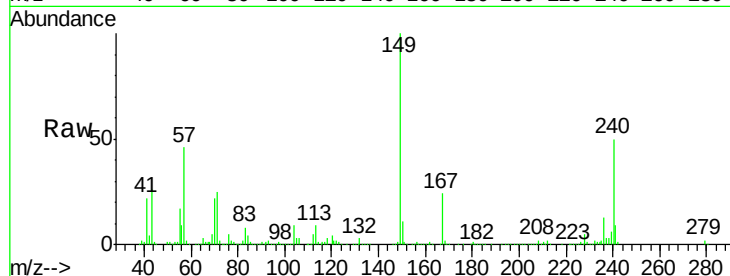
Tot Ion:149 Resp: 403013

Ion Ratio Lower Upper

149 100

167 24.4 20.7 31.1

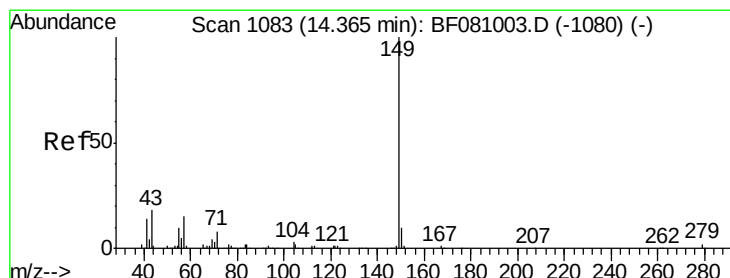
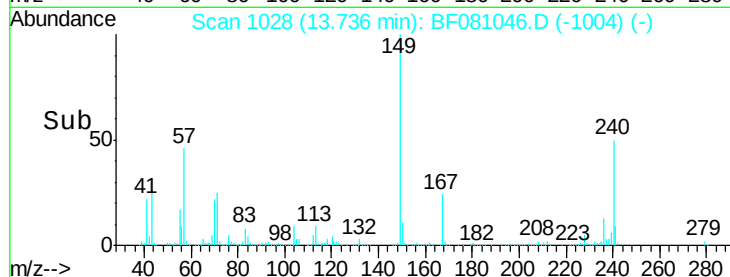
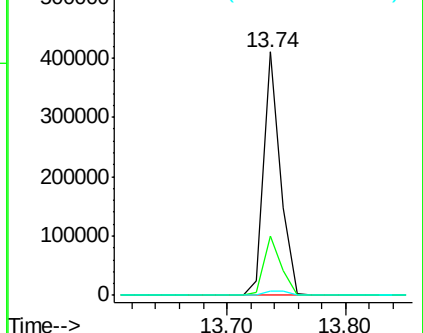
279 1.6 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.24 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

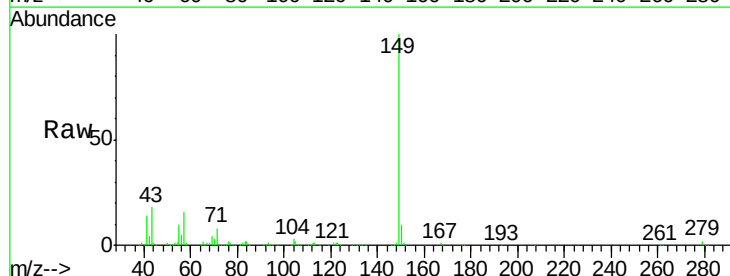
Tgt Ion:149 Resp: 707583

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

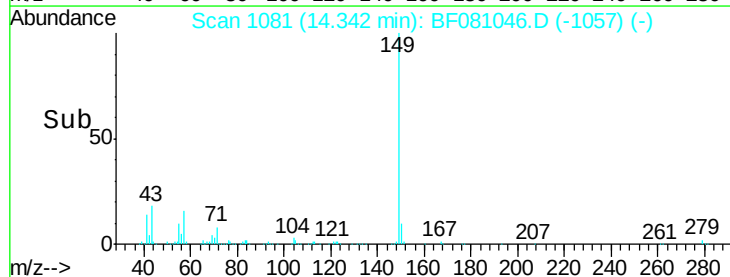
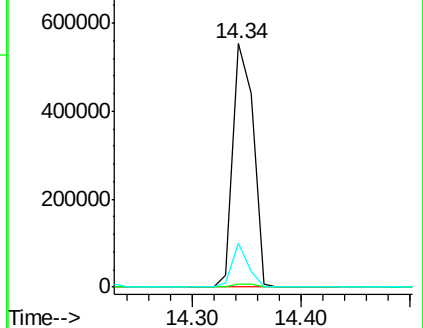
43 13.8 11.6 17.4

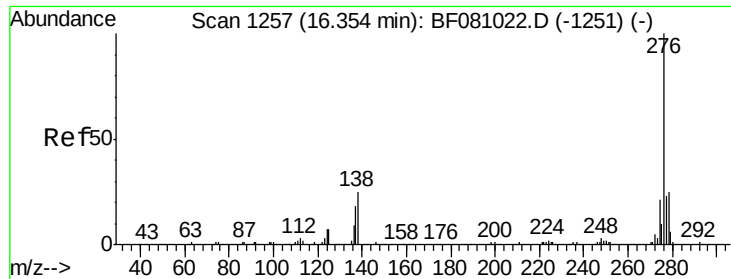


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

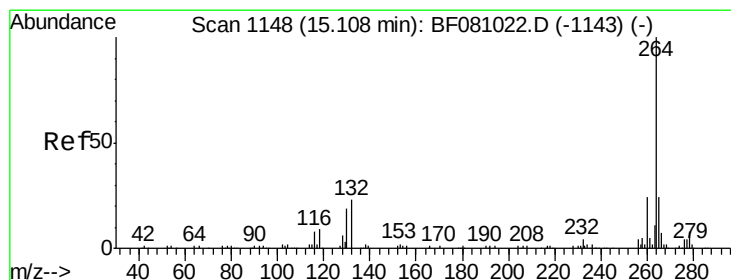
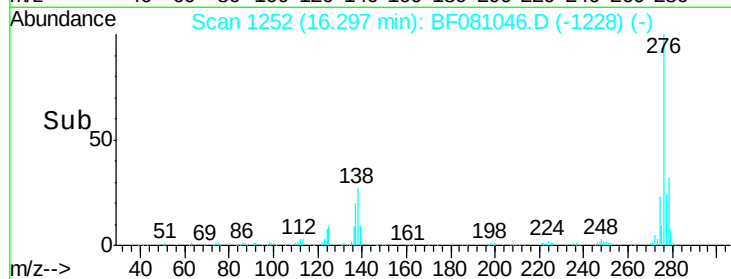
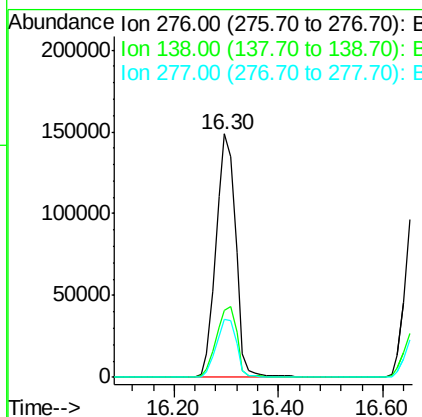
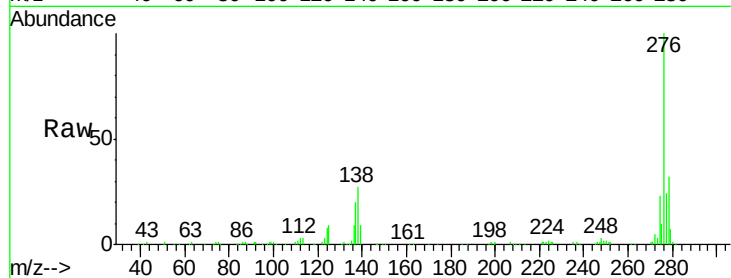




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.26 ng
 RT: 16.30 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

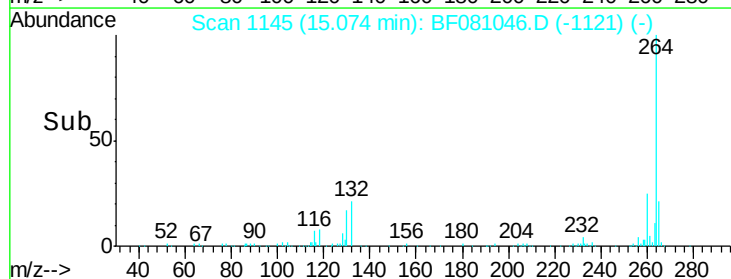
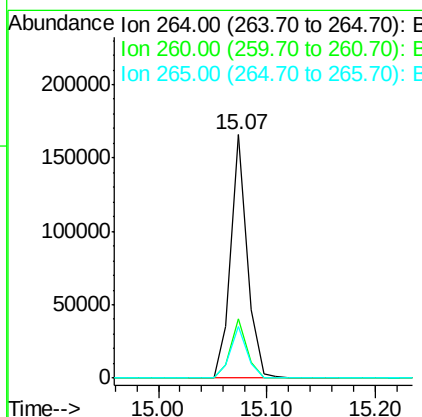
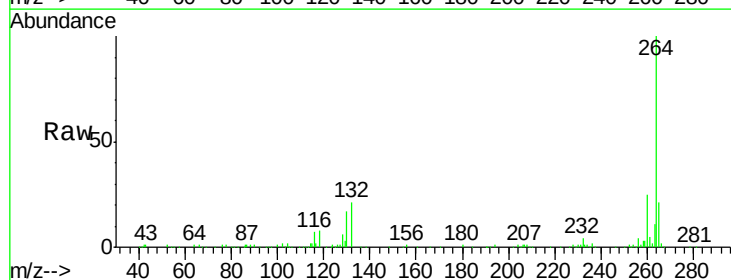
Instrument :
 BNA_F
 ClientSampleId :

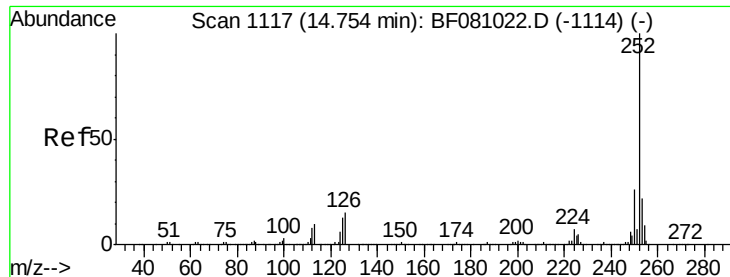
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	18.6	28.0#
277	24.6	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1145
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 68.66 ng

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

Instrument :

BNA_F

ClientSampled :

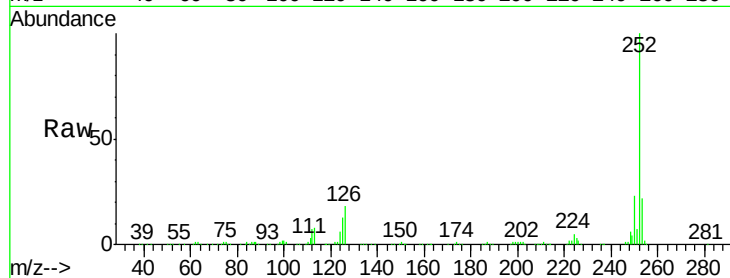
Tot Ion:252 Resp: 844259

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

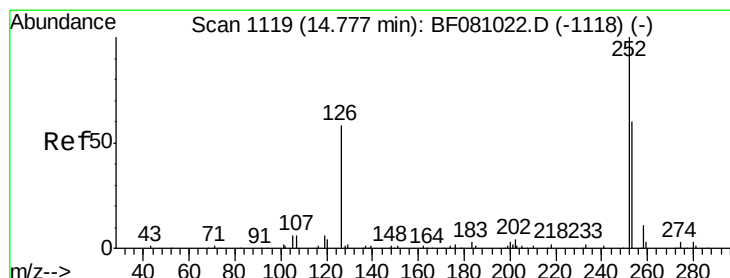
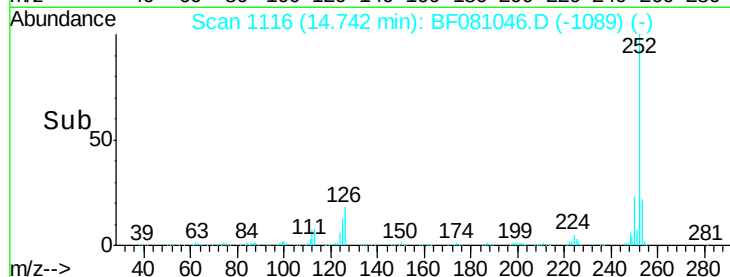
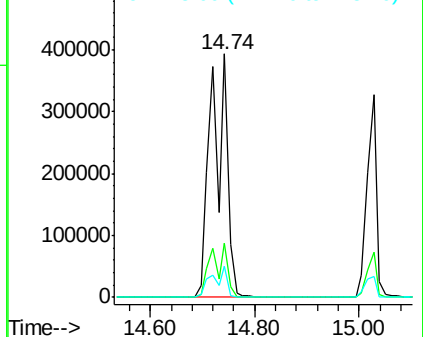
125 12.5 8.0 12.0#



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



#88

Benzo(k)fluoranthene

Concen: 73.69 ng

RT: 14.74 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF081046.D

Acq: 18 Aug 2015 17:03

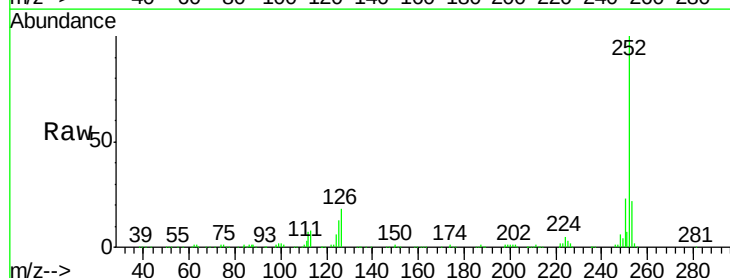
Tgt Ion:252 Resp: 844259

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

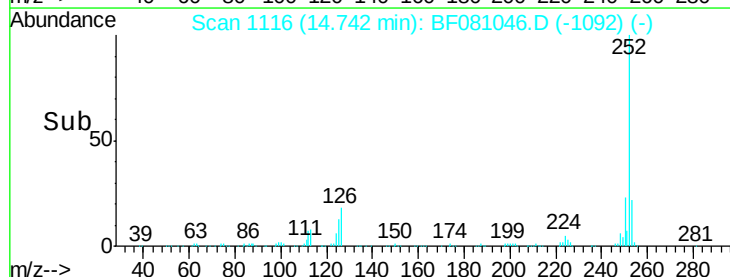
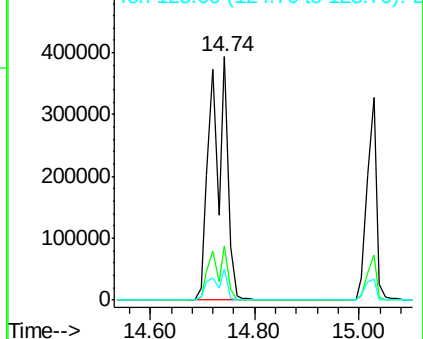
125 12.5 10.3 15.5

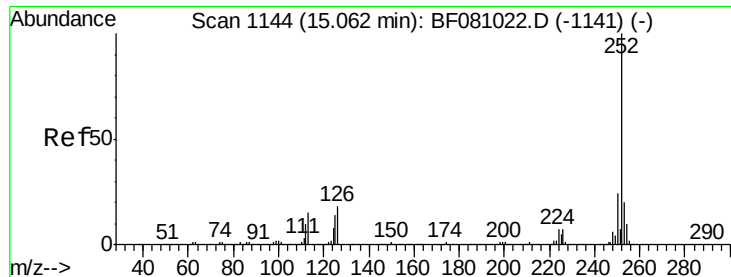


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

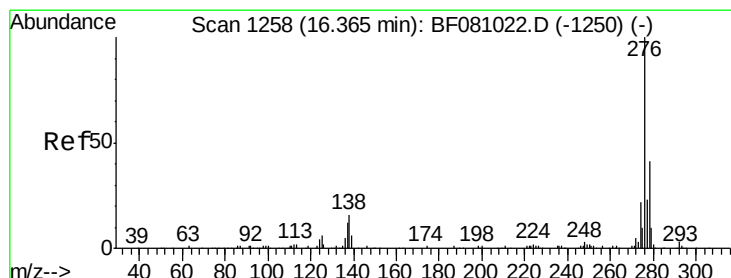
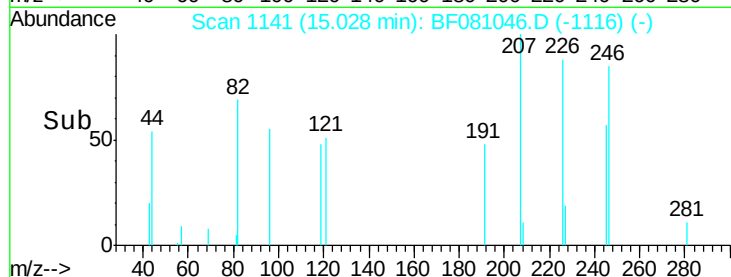
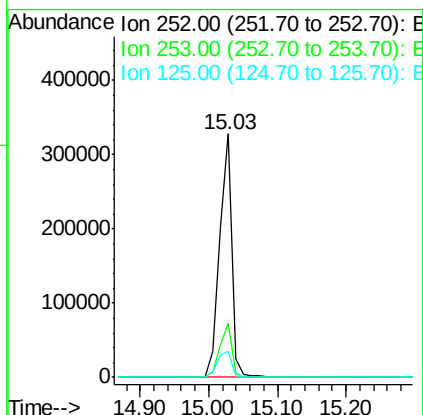
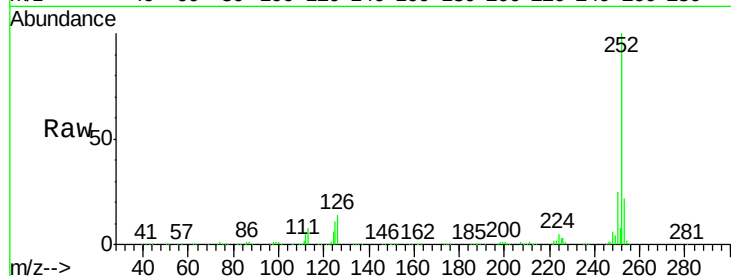




#89
Benzo(a)pyrene
Concen: 38.87 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

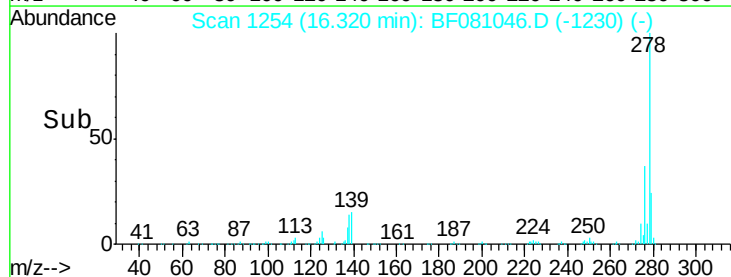
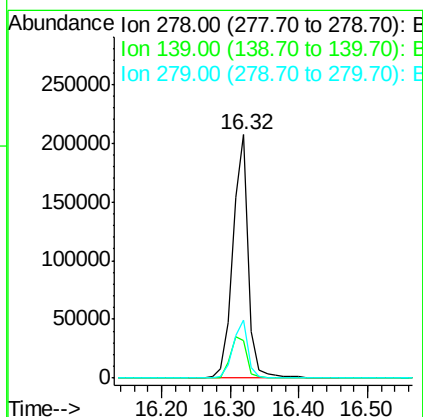
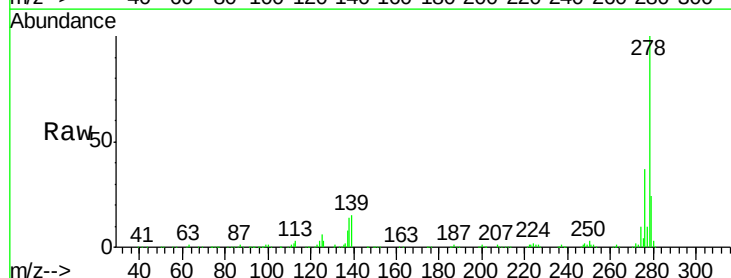
Instrument :
BNA_F
ClientSampleId :

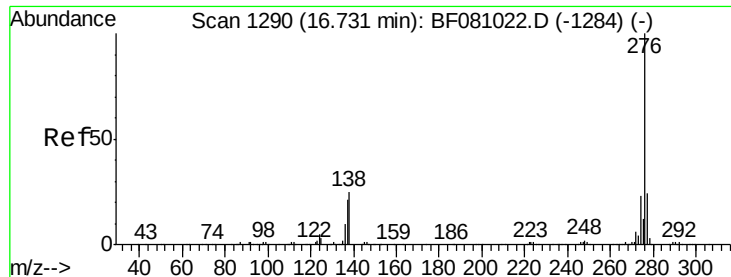
Tot Ion:252 Resp: 416441
Ion Ratio Lower Upper
252 100
253 22.4 16.6 25.0
125 10.5 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 39.26 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081046.D
Acq: 18 Aug 2015 17:03

Tgt Ion:278 Resp: 327733
Ion Ratio Lower Upper
278 100
139 15.3 10.8 16.2
279 23.9 19.0 28.6

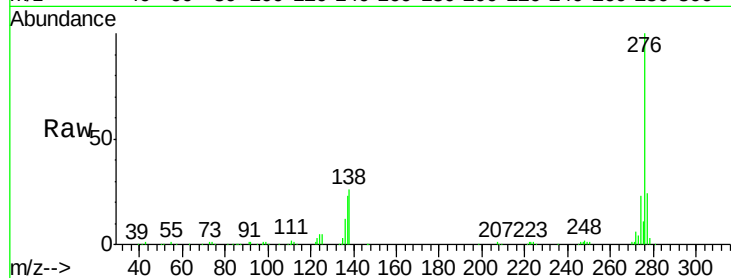




#91
 Benzo(a,h,i)perylene
 Concen: 37.21 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081046.D
 Acq: 18 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.2	27.2
138	26.5	13.7	20.5



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

