

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081216.D
 Acq On : 26 Aug 2015 17:00
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:37:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	64442	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	254943	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	110878	20.00	ng	-0.02
63) Phenanthrene-d10	11.02	188	216511	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	181259	20.00	ng	-0.02
86) Perylene-d12	14.96	264	137939	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	329130	76.82	ng	-0.02
7) Phenol-d6	6.17	99	456199	81.61	ng	-0.02
23) Nitrobenzene-d5	7.10	82	425810	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	71715	74.61	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	705878	83.42	ng	-0.01
78) Terphenyl-d14	12.61	244	667092	78.90	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.91	88	99108	49.09	ng	# 78
3) Pyridine	2.51	79	214026	37.56	ng	# 81
4) n-Nitrosodimethylamine	2.48	42	138268	43.58	ng	# 79
6) Aniline	6.18	93	304689	37.49	ng	# 60
8) 2-Chlorophenol	6.31	128	188107	40.11	ng	# 79
9) Benzaldehyde	6.06	77	142814	39.63	ng	99
10) Phenol	6.19	94	282807	42.84	ng	# 75
11) bis(2-Chloroethyl)ether	6.27	93	213887	42.22	ng	98
12) 1,3-Dichlorobenzene	6.46	146	203806	40.45	ng	95
13) 1,4-Dichlorobenzene	6.54	146	204348	40.96	ng	96
14) 1,2-Dichlorobenzene	6.69	146	168575	36.10	ng	98
15) Benzyl Alcohol	6.69	79	181555	40.14	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.82	45	397099	39.89	ng	98
17) 2-Methylphenol	6.80	107	152565	37.92	ng	96
18) Hexachloroethane	7.03	117	81825	40.59	ng	95
19) n-Nitroso-di-n-propylamine	6.96	70	145310	37.52	ng	89
20) 3+4-Methylphenols	6.96	107	185913	36.40	ng	# 47
22) Acetophenone	6.95	105	278792	41.65	ng	# 85
24) Nitrobenzene	7.12	77	240784	41.26	ng	# 89
25) Isophorone	7.36	82	404585	38.87	ng	98
26) 2-Nitrophenol	7.43	139	96565	39.79	ng	# 84
27) 2,4-Dimethylphenol	7.49	122	165641	38.58	ng	95
28) bis(2-Chloroethoxy)methane	7.58	93	223874	36.41	ng	100
29) 2,4-Dichlorophenol	7.68	162	147161	40.72	ng	96
30) 1,2,4-Trichlorobenzene	7.75	180	151192	37.64	ng	97
31) Naphthalene	7.83	128	548351	38.59	ng	99
32) Benzoic acid	7.63	122	103613	42.91	ng	94
33) 4-Chloroaniline	7.89	127	201777	33.65	ng	97
34) Hexachlorobutadiene	7.95	225	95670	42.11	ng	98
35) Caprolactam	8.29	113	52242	41.36	ng	# 61
36) 4-Chloro-3-methylphenol	8.39	107	183160	42.52	ng	88
37) 2-Methylnaphthalene	8.51	142	315361	35.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	151670	42.40	ng	99
40) Hexachlorocyclopentadiene	8.67	237	73150	39.51	ng	97

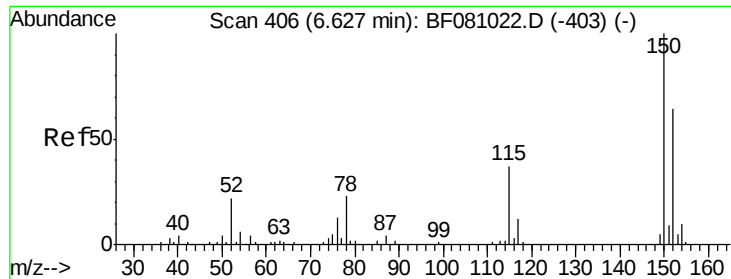
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081216.D
 Acq On : 26 Aug 2015 17:00
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:37:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	97524	38.59	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	107328	42.49	nq	99
45) 1,1'-Biphenyl	8.98	154	360656	36.93	nq	95
46) 2-Chloronaphthalene	9.01	162	327797	41.78	nq	96
47) 2-Nitroaniline	9.11	65	149382	46.52	nq	92
48) Acenaphthylene	9.42	152	562629	40.09	nq	99
49) Dimethylphthalate	9.30	163	371922	40.73	nq	100
50) 2,6-Dinitrotoluene	9.36	165	83136	42.40	nq	# 77
51) Acenaphthene	9.59	154	326361	38.84	nq	98
52) 3-Nitroaniline	9.52	138	95010	38.73	nq	98
53) 2,4-Dinitrophenol	9.62	184	35301	37.56	nq	# 80
54) Dibenzofuran	9.76	168	427396	37.96	nq	98
55) 4-Nitrophenol	9.69	139	61450	35.66	nq	86
56) 2,4-Dinitrotoluene	9.75	165	97720	37.61	nq	# 45
57) Fluorene	10.09	166	302301	34.90	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	74996	38.36	nq	94
59) Diethylphthalate	9.99	149	347750	35.98	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	131653	35.92	nq	97
61) 4-Nitroaniline	10.13	138	94712	37.77	nq	94
62) Azobenzene	10.25	77	451457	40.54	nq	96
64) 4,6-Dinitro-2-methylphenol	10.16	198	52688	40.75	nq	# 72
65) n-Nitrosodiphenylamine	10.22	169	305072	39.47	nq	99
66) 4-Bromophenyl-phenylether	10.58	248	87033	40.92	nq	98
67) Hexachlorobenzene	10.64	284	94260	43.76	nq	# 89
68) Atrazine	10.75	200	89377	41.51	nq	97
69) Pentachlorophenol	10.83	266	51402	39.77	nq	99
70) Phenanthrene	11.04	178	438111	34.14	nq	99
71) Anthracene	11.10	178	538419	43.12	nq	99
72) Carbazole	11.26	167	513093	42.68	nq	99
73) Di-n-butylphthalate	11.60	149	545234	37.48	nq	99
74) Fluoranthene	12.22	202	506905	36.61	nq	93
76) Benzidine	12.36	184	212583	31.05	nq	98
77) Pyrene	12.45	202	572107	38.83	nq	99
79) Butylbenzylphthalate	13.09	149	247813	39.13	nq	99
80) Benzo(a)anthracene	13.62	228	468421	38.53	nq	100
81) 3,3'-Dichlorobenzidine	13.60	252	163017	41.40	nq	# 96
82) Chrysene	13.66	228	336289	30.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	323313	39.85	nq	98
84) Di-n-octyl phthalate	14.25	149	517036	41.93	nq	99
85) Indeno(1,2,3-cd)pyrene	16.13	276	329593	42.85	nq	# 94
87) Benzo(b)fluoranthene	14.64	252	738317	75.67	nq	98
88) Benzo(k)fluoranthene	14.64	252	738317	81.21	nq	# 96
89) Benzo(a)pyrene	14.90	252	335429	39.45	nq	# 94
90) Dibenzo(a,h)anthracene	16.14	278	267691	40.41	nq	# 94
91) Benzo(g,h,i)perylene	16.47	276	267611	39.82	nq	# 89

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

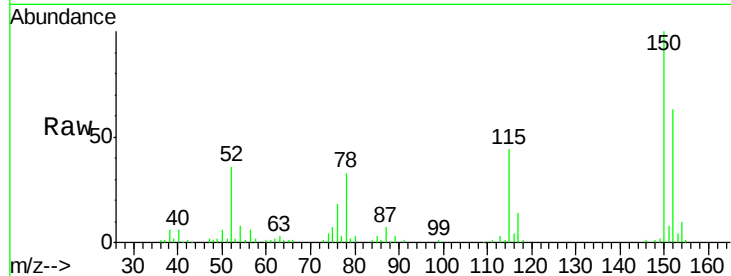


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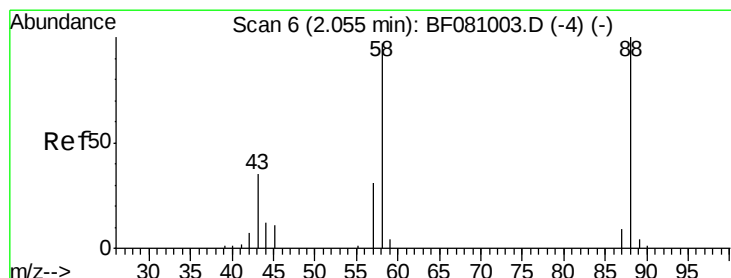
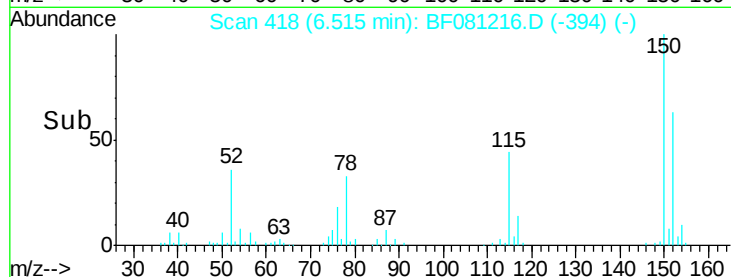
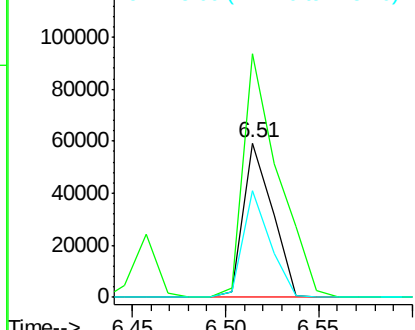
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64442
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 69.5 52.1 78.1



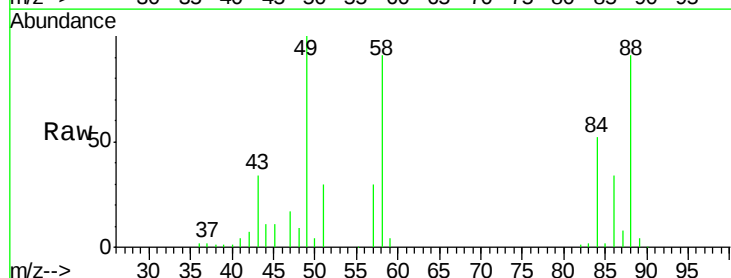
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



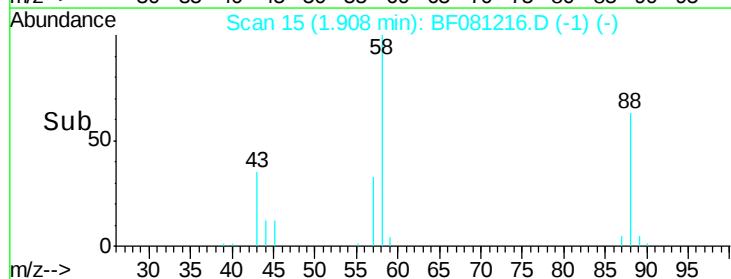
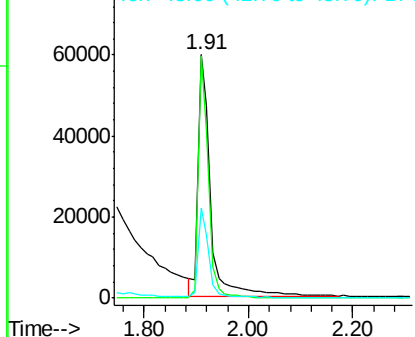
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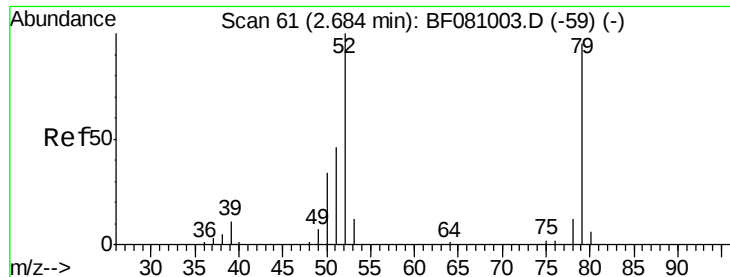
1,4-Dioxane
Concen: 49.09 ng
RT: 1.91 min Scan# 15
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 88 Resp: 99108
Ion Ratio Lower Upper
88 100
58 80.9 83.7 125.5#
43 32.8 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: 37.56 ng

RT: 2.51 min Scan# 68

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

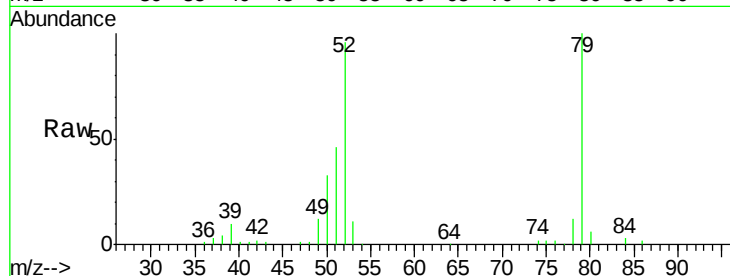
Tot Ion: 79 Resp: 214026

Ion Ratio Lower Upper

79 100

52 96.2 95.1 142.7

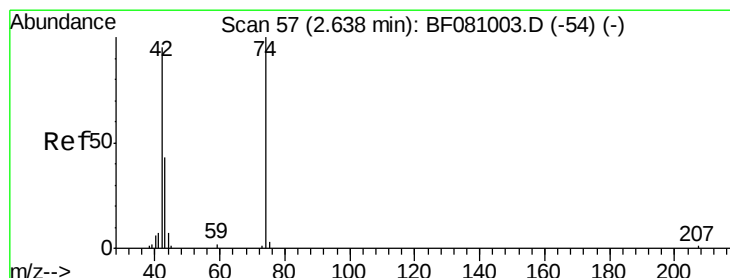
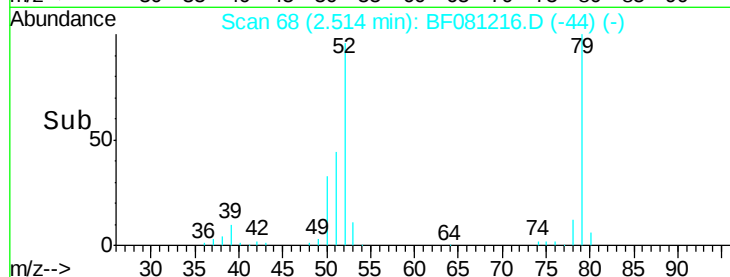
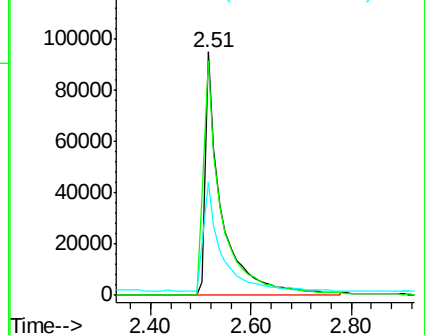
51 46.3 46.6 70.0#



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: 43.58 ng

RT: 2.48 min Scan# 65

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

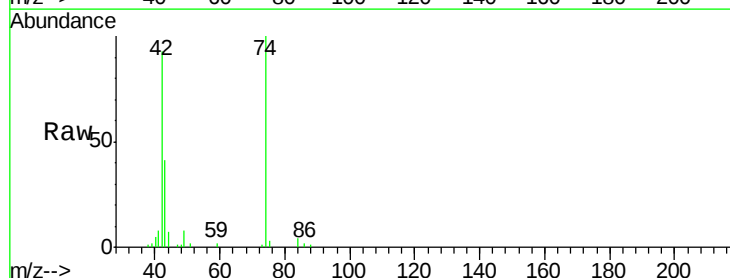
Tgt Ion: 42 Resp: 138268

Ion Ratio Lower Upper

42 100

74 107.1 69.3 103.9#

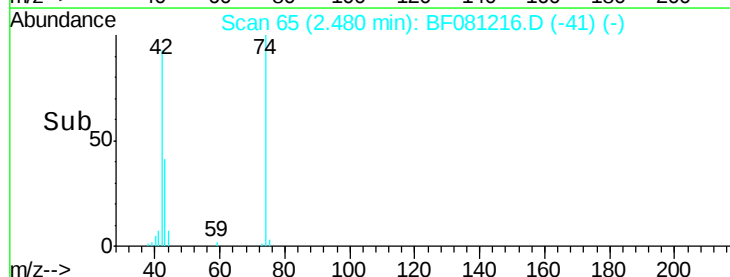
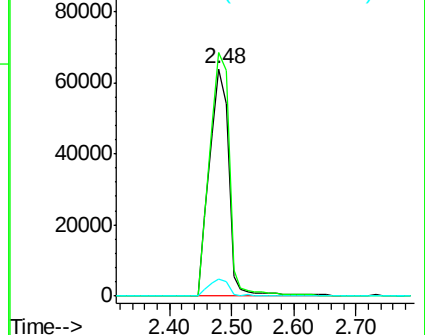
44 7.4 5.5 8.3

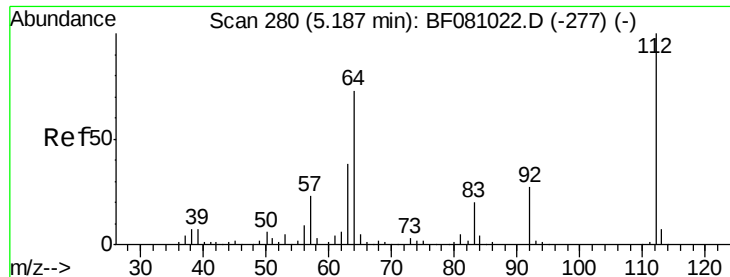


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 76.82 ng

RT: 5.07 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF081216.D

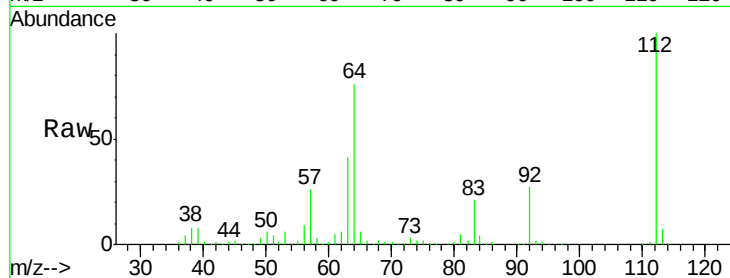
Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

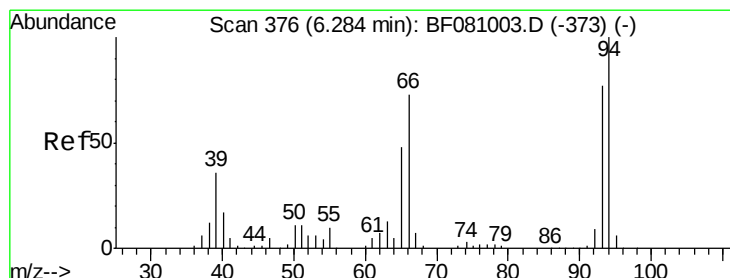
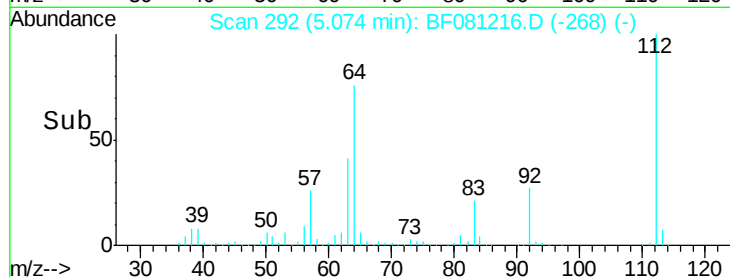
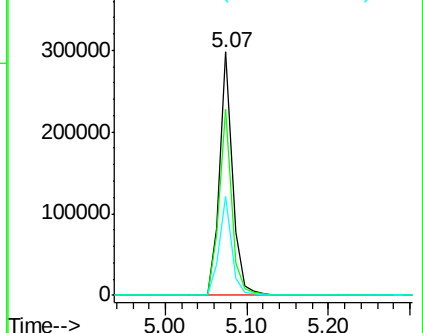
Tot Ion:	112	Resp:	329130
Ion	Ratio	Lower	Upper
112	100		
64	76.5	66.9	100.3
63	40.8	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.49 ng

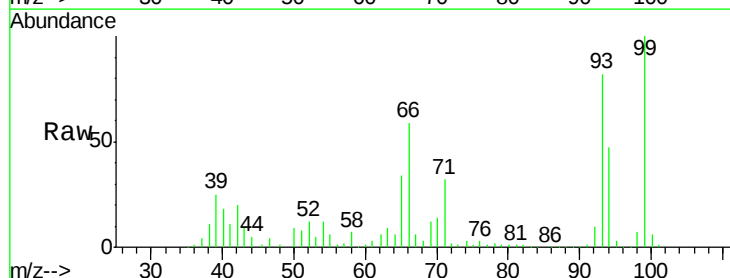
RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

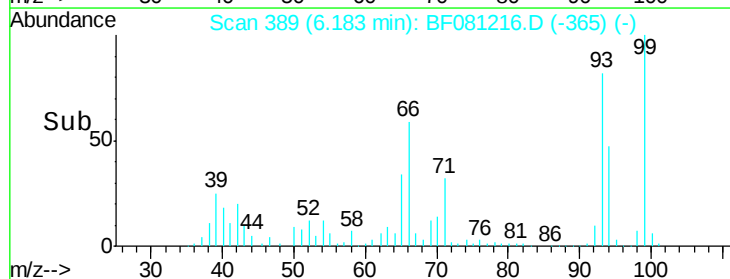
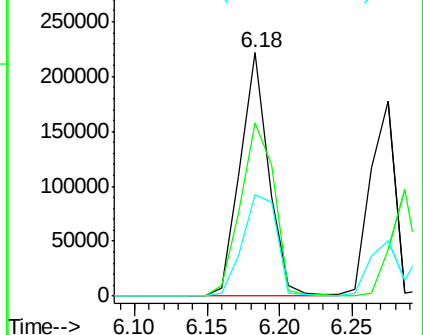
Tgt Ion:	93	Resp:	304689
Ion	Ratio	Lower	Upper
93	100		
66	71.1	35.6	53.4#
65	41.7	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.61 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

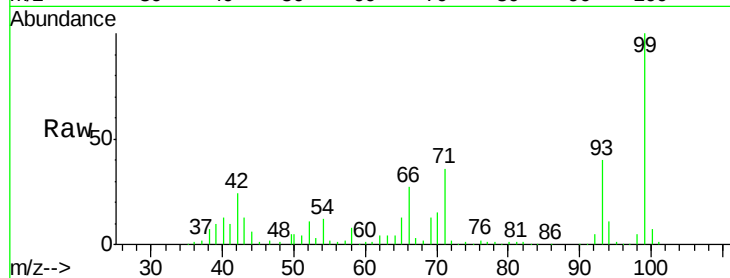
Tot Ion: 99 Resp: 456199

Ion Ratio Lower Upper

99 100

42 24.3 19.6 29.4

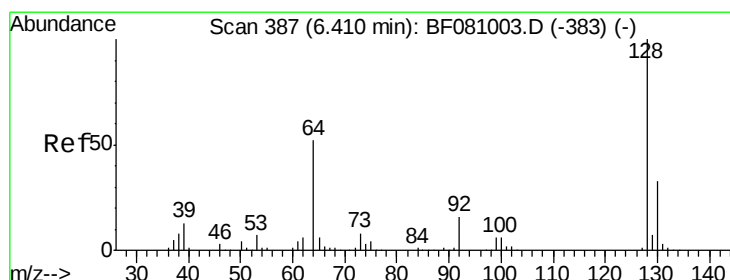
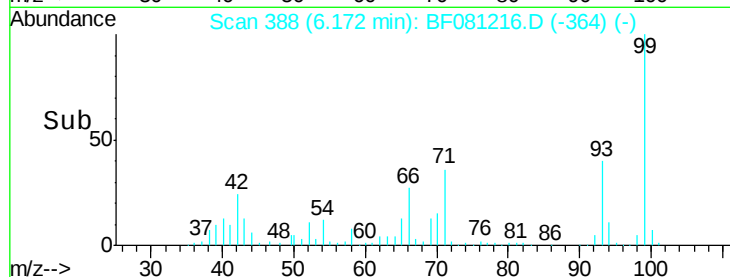
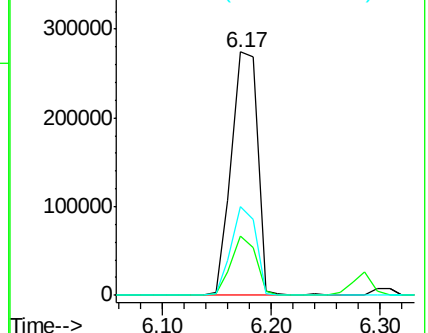
71 36.3 31.2 46.8



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: 40.11 ng

RT: 6.31 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

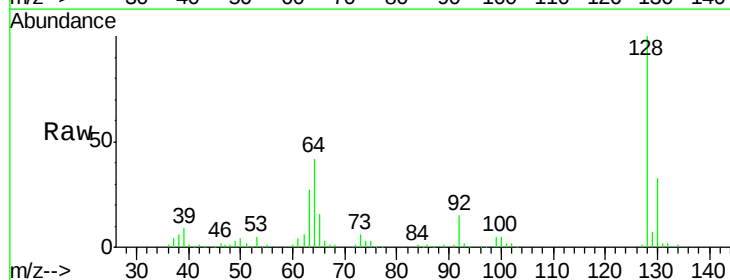
Tgt Ion:128 Resp: 188107

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

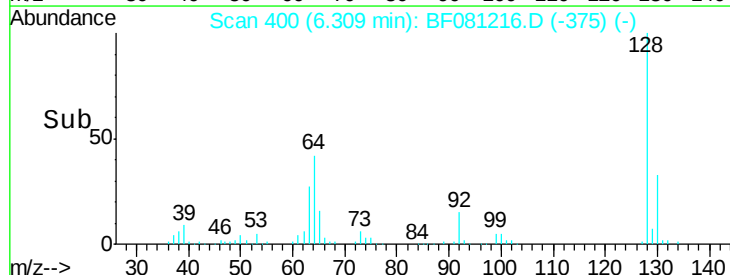
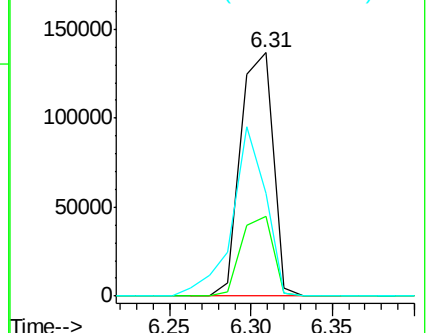
64 42.1 46.8 86.8#



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

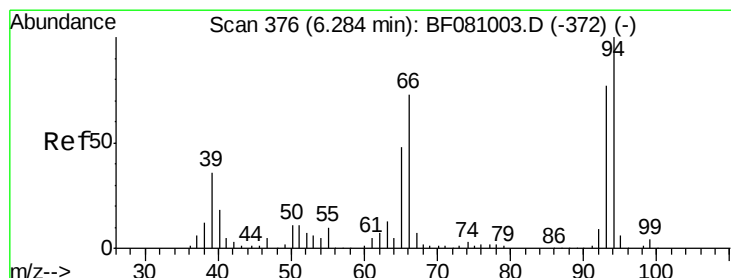
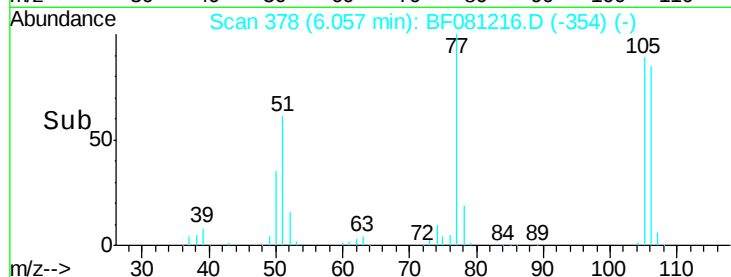
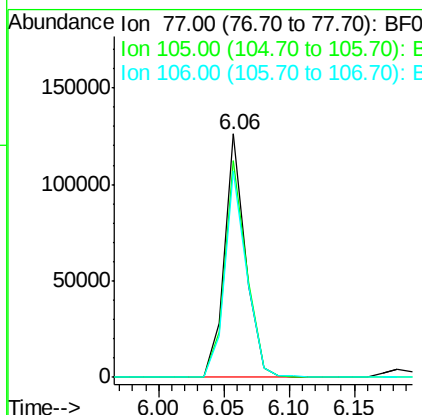
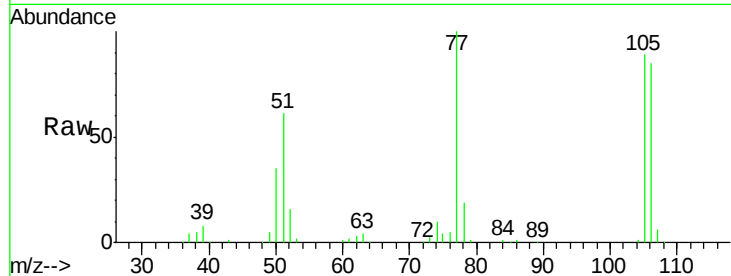




#9
Benzaldehyde
Concen: 39.63 ng
RT: 6.06 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

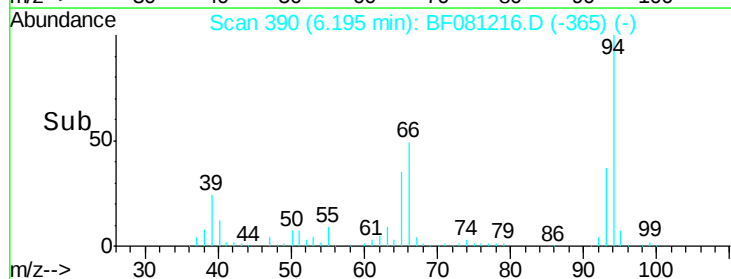
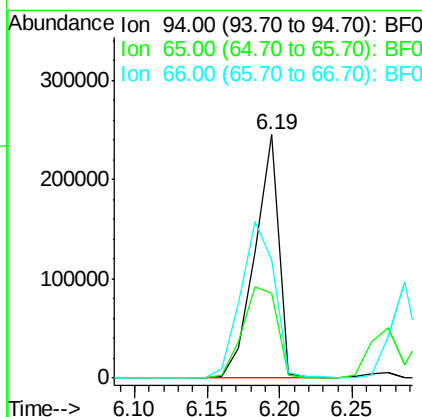
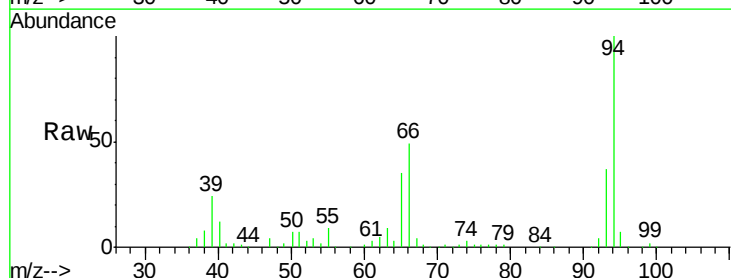
Instrument :
BNA_F
ClientSampleId :

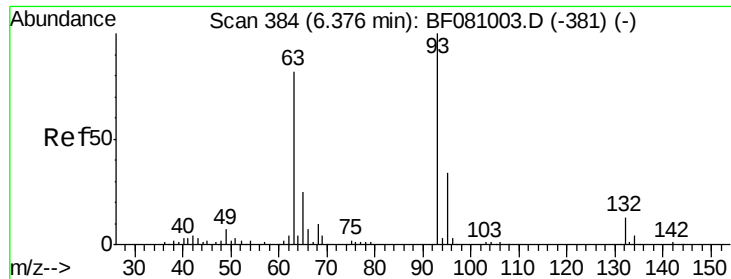
Tot Ion: 77 Resp: 142814
Ion Ratio Lower Upper
77 100
105 89.0 69.6 109.6
106 85.1 64.0 104.0



#10
Phenol
Concen: 42.84 ng
RT: 6.19 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 94 Resp: 282807
Ion Ratio Lower Upper
94 100
65 35.0 28.4 68.4
66 48.6 52.3 92.3#

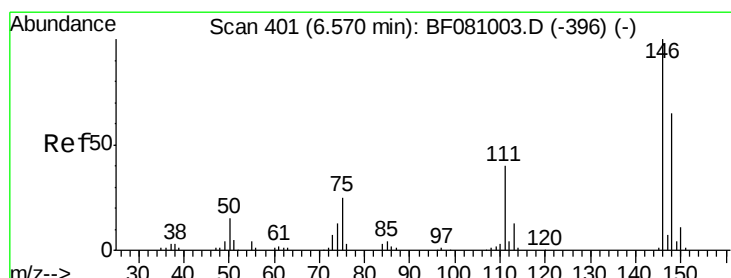
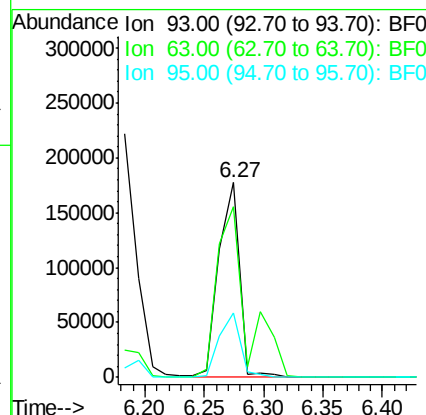
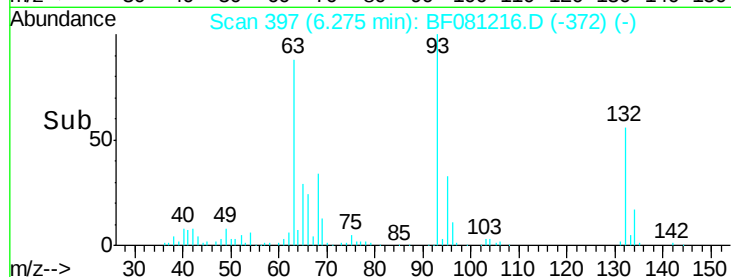
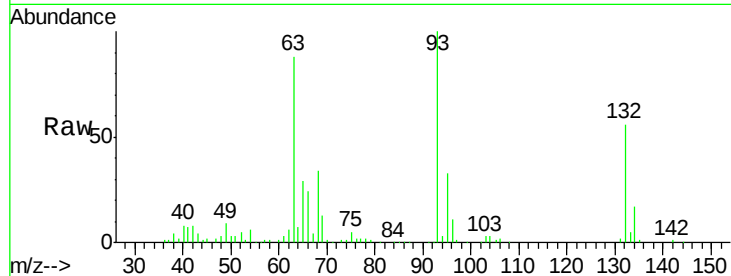




#11
bis(2-Chloroethyl)ether
Concen: 42.22 ng
RT: 6.27 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

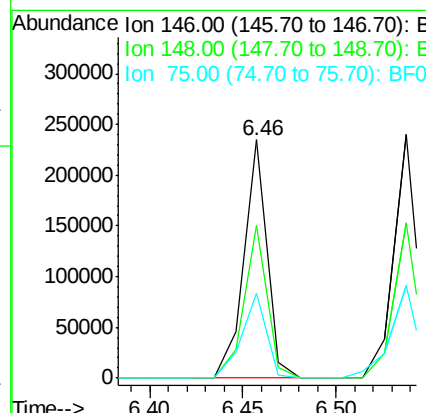
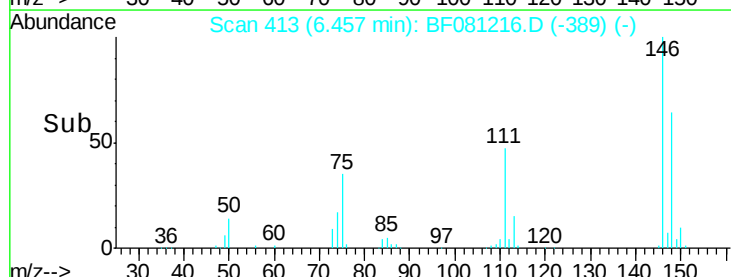
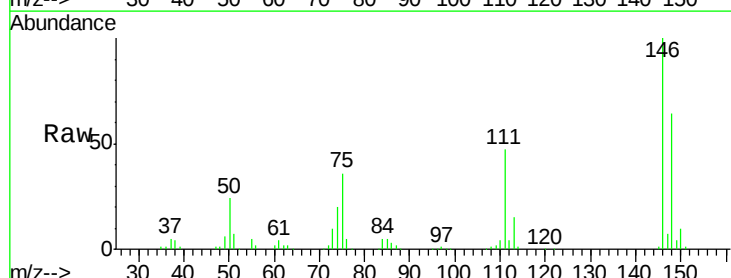
Instrument :
BNA_F
ClientSampled :

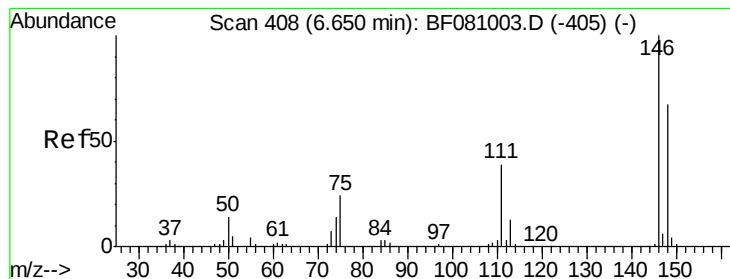
Tot Ion: 93 Resp: 213887
Ion Ratio Lower Upper
93 100
63 87.9 69.6 109.6
95 33.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.45 ng
RT: 6.46 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 146 Resp: 203806
Ion Ratio Lower Upper
146 100
148 64.1 53.3 79.9
75 35.9 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 40.96 ng

RT: 6.54 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

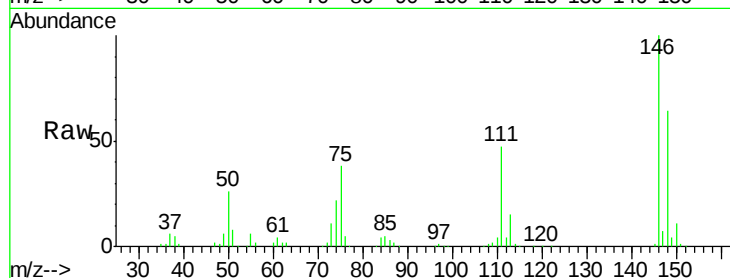
Tot Ion:146 Resp: 204348

Ion Ratio Lower Upper

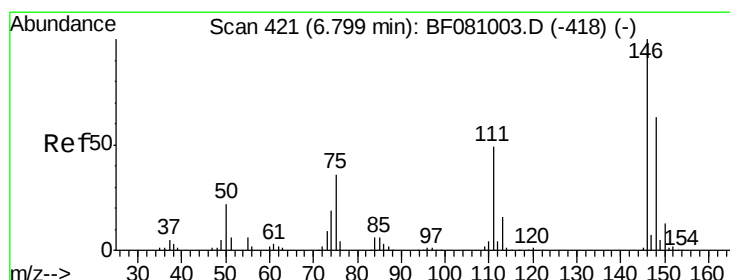
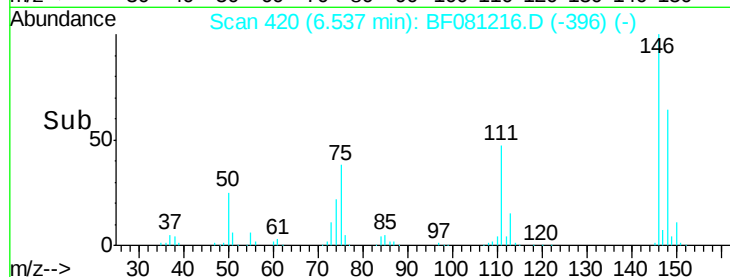
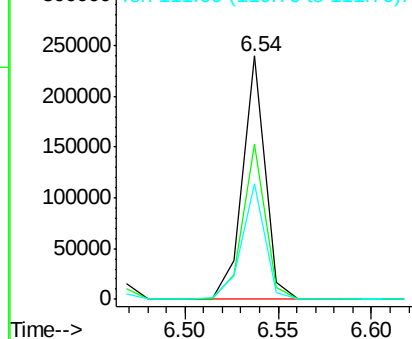
146 100

148 64.0 52.3 78.5

111 47.3 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: 36.10 ng

RT: 6.69 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

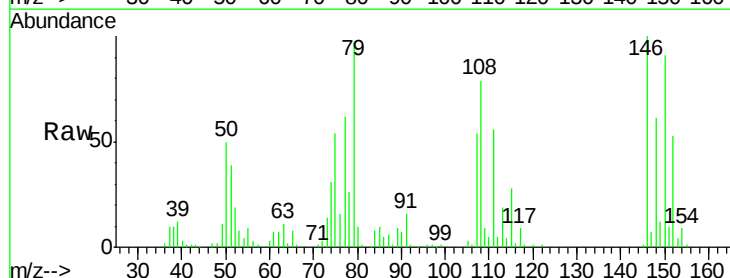
Tgt Ion:146 Resp: 168575

Ion Ratio Lower Upper

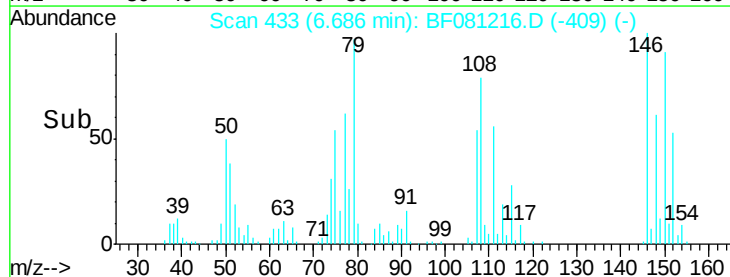
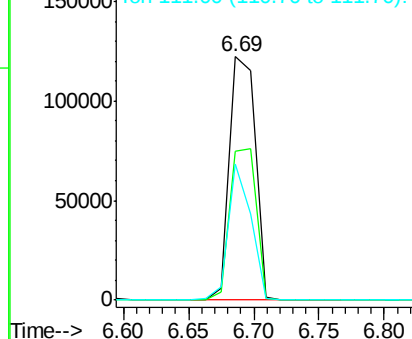
146 100

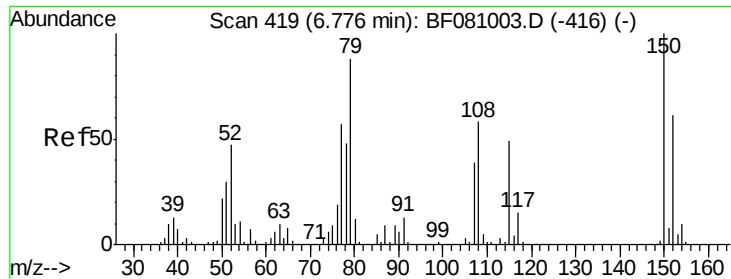
148 61.2 48.7 73.1

111 55.7 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

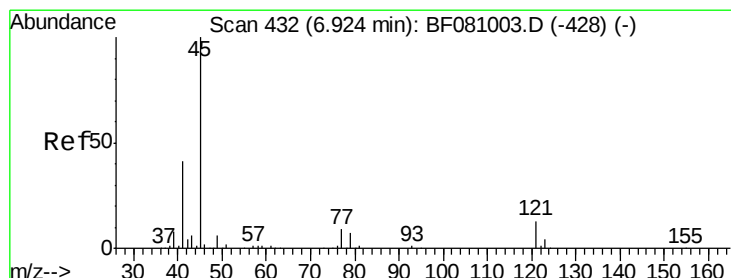
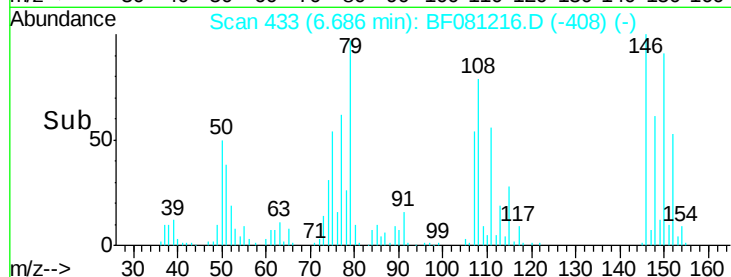
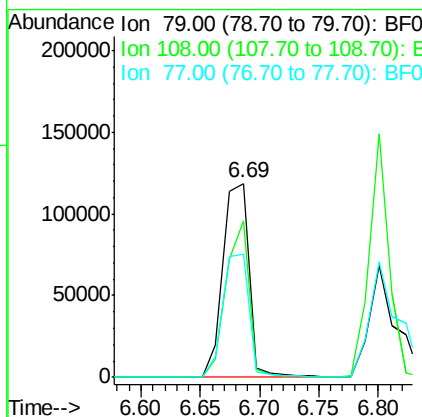
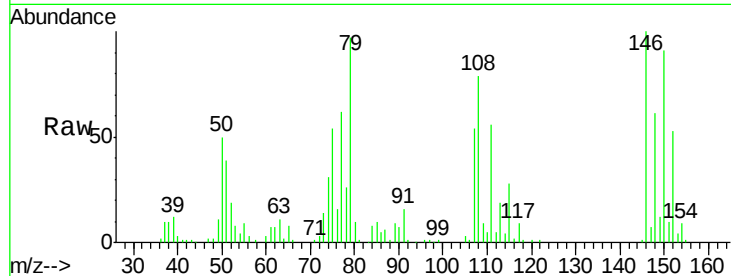




#15
Benzyl Alcohol
Concen: 40.14 ng
RT: 6.69 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

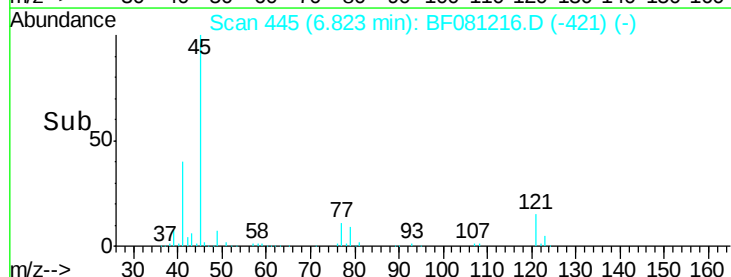
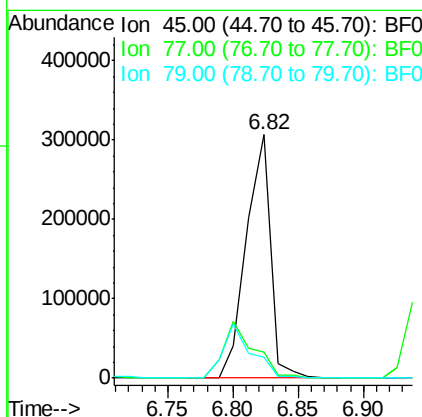
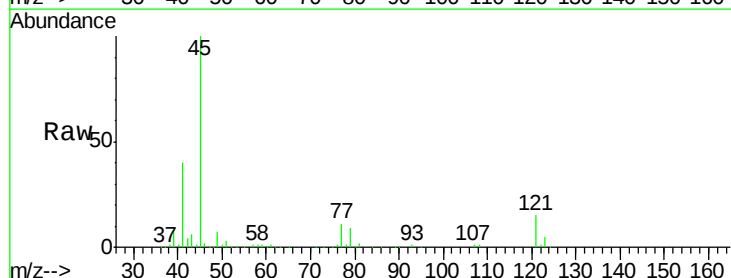
Instrument :
BNA_F
ClientSampleId :

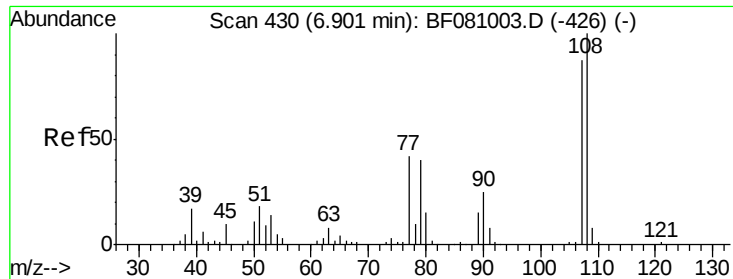
Tot Ion: 79 Resp: 181555
Ion Ratio Lower Upper
79 100
108 80.8 49.4 74.2#
77 63.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.89 ng
RT: 6.82 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 45 Resp: 397099
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.2
79 8.6 0.0 28.0

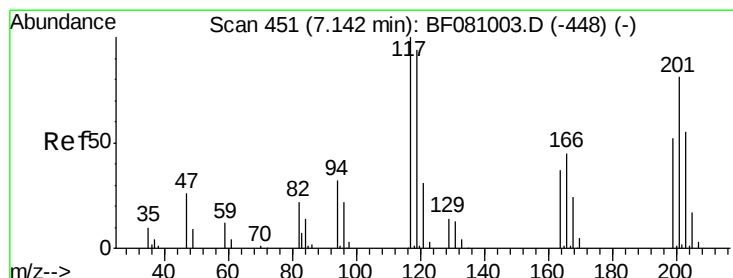
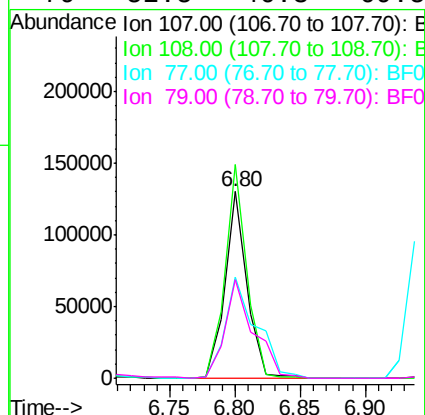
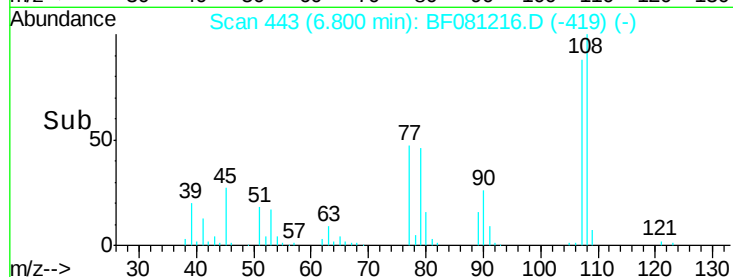
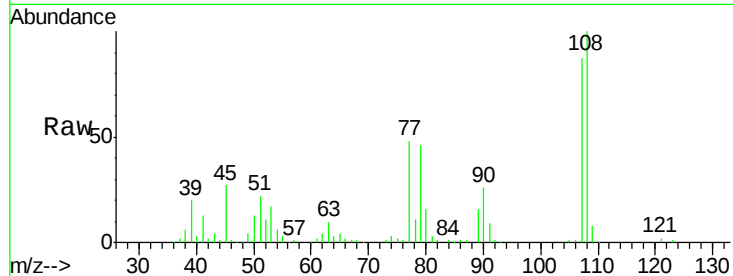




#17
2-Methylphenol
Concen: 37.92 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

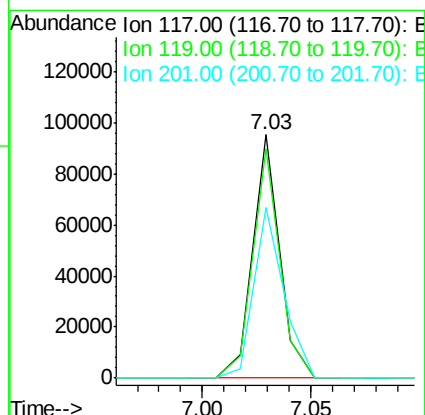
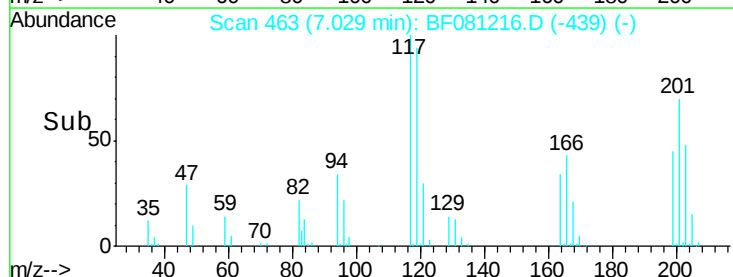
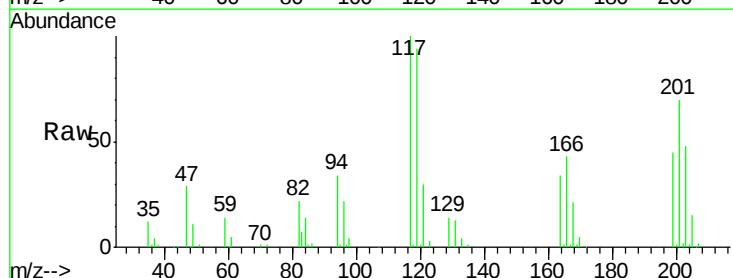
Instrument :
BNA_F
ClientSampled :

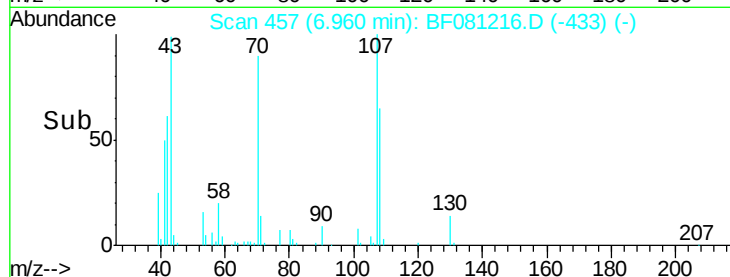
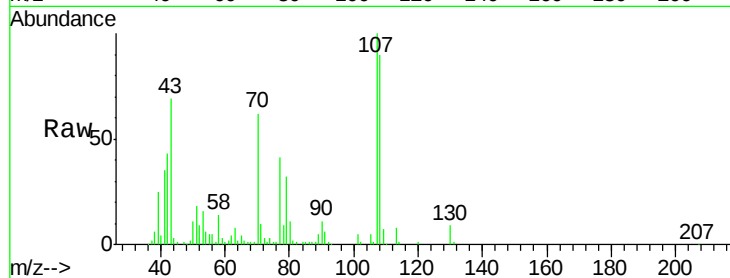
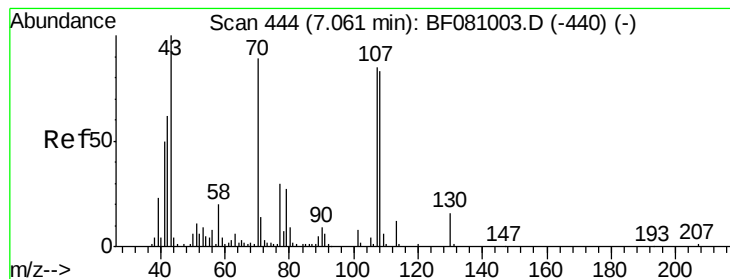
Tot Ion:	107	Resp:	152565
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.4	135.6
77	54.6	46.5	69.7
79	52.5	46.3	69.5



#18
Hexachloroethane
Concen: 40.59 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:	117	Resp:	81825
Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.9	116.9
201	70.0	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.52 ng

RT: 6.96 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 145310

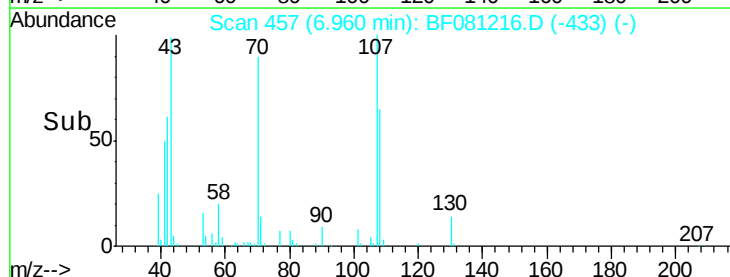
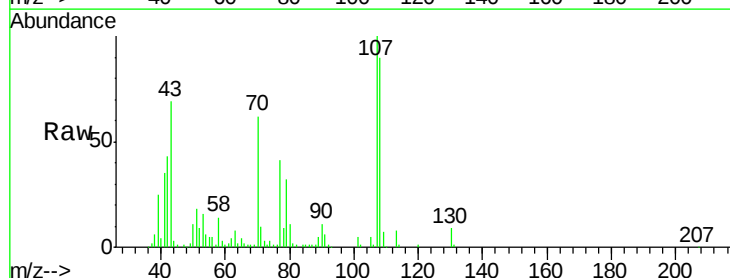
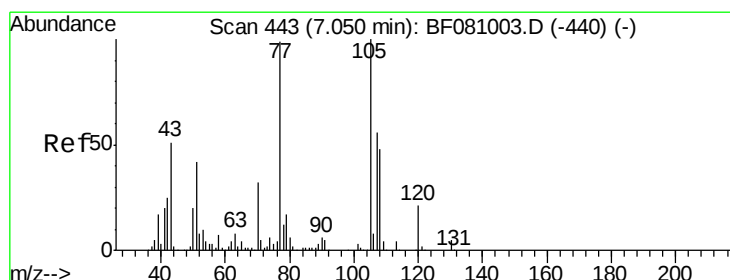
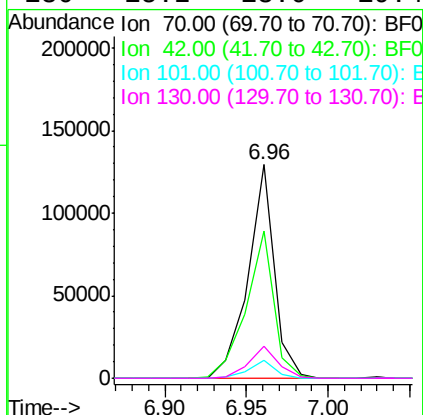
Ion Ratio Lower Upper

70 100

42 68.8 65.0 97.4

101 8.4 7.4 11.2

130 15.2 13.0 19.4



#20

3+4-Methylphenols

Concen: 36.40 ng

RT: 6.96 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Tgt Ion: 107 Resp: 185913

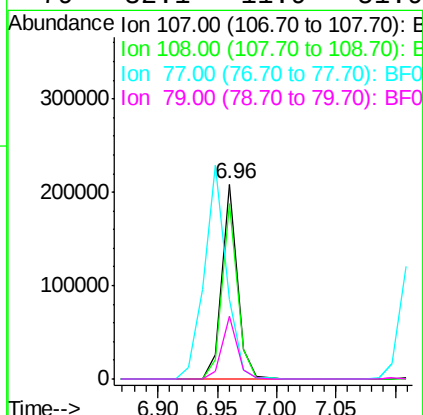
Ion Ratio Lower Upper

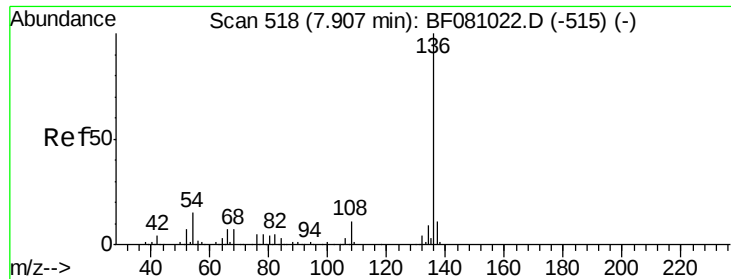
107 100

108 90.3 66.1 106.1

77 40.6 139.3 179.3#

79 32.1 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 254943

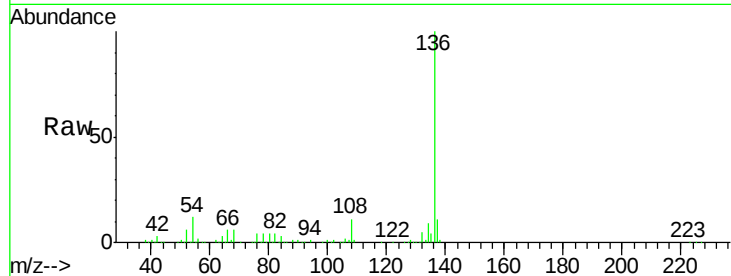
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 12.2 7.7 11.5#

68 6.1 3.4 5.2#

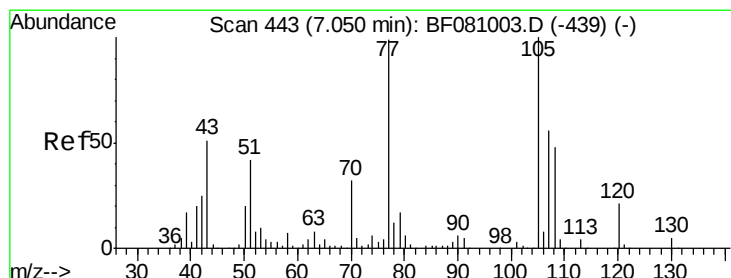
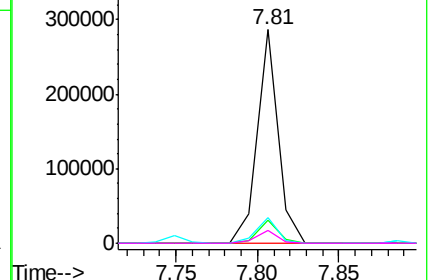
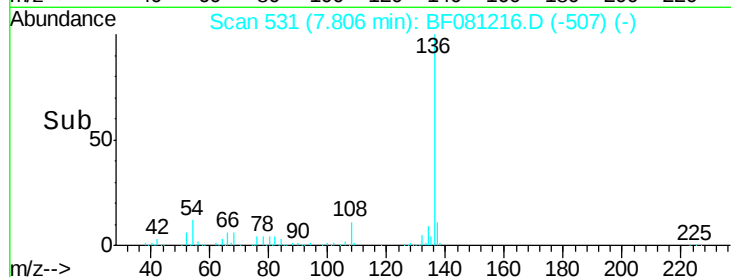


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.65 ng

RT: 6.95 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Tgt Ion:105 Resp: 278792

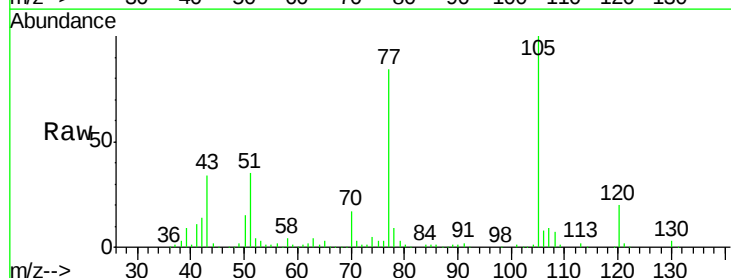
Ion Ratio Lower Upper

105 100

71 3.0 3.0 4.6#

51 35.5 39.8 59.8#

120 20.2 15.8 23.8

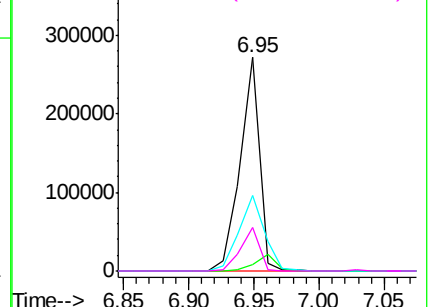
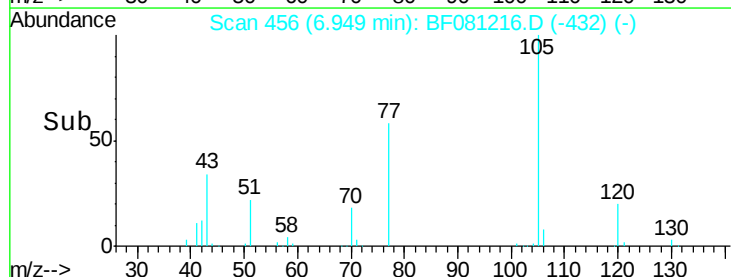


Abundance Ion 105.00 (104.70 to 105.70): E

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

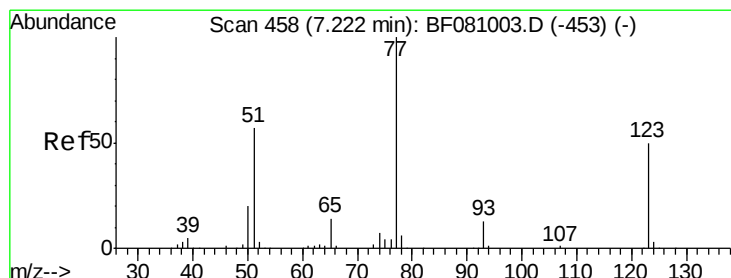
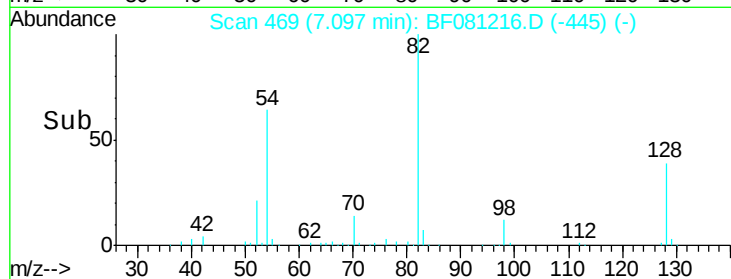
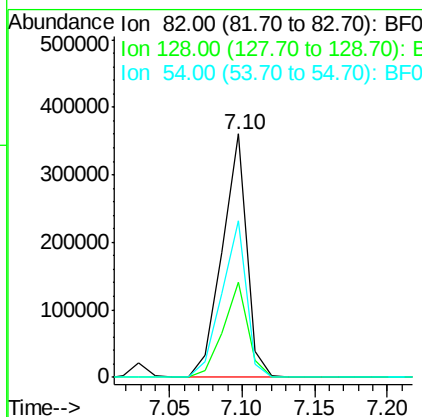
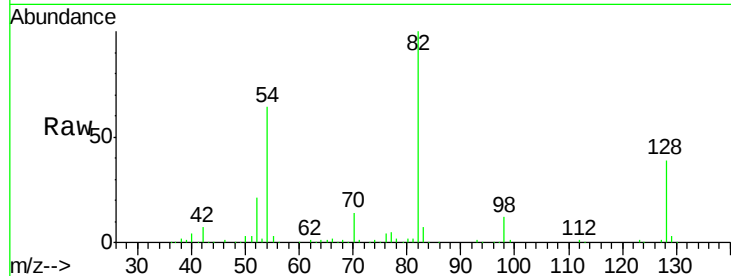




#23
 Nitrobenzene-d5
 Concen: 76.30 ng
 RT: 7.10 min Scan# 469
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

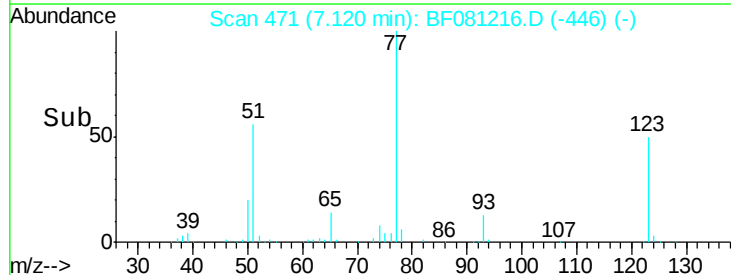
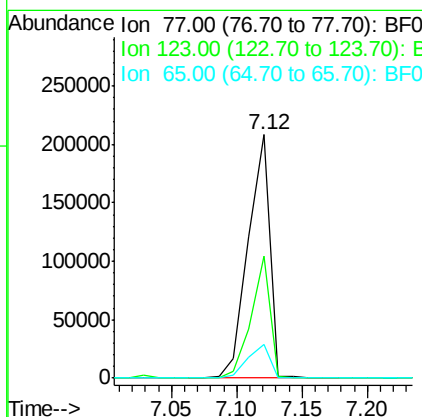
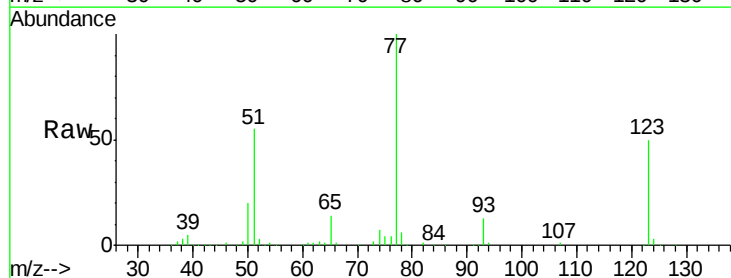
Instrument :
 BNA_F
 ClientSampled :

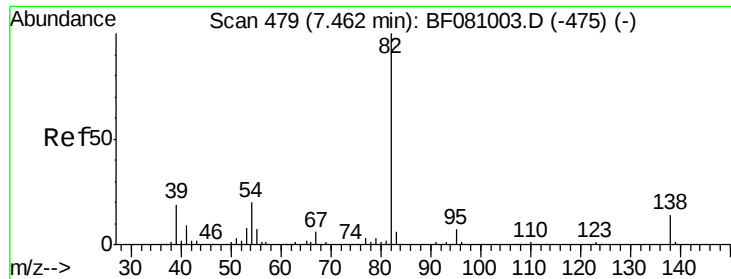
Tot Ion	82	Resp	425810
Ion Ratio	Lower	Upper	
82	100		
128	39.1	28.6	42.8
54	64.1	55.1	82.7



#24
 Nitrobenzene
 Concen: 41.26 ng
 RT: 7.12 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	77	Resp	240784
Ion Ratio	Lower	Upper	
77	100		
123	50.1	32.9	49.3#
65	14.1	12.5	18.7





#25

Isophorone

Concen: 38.87 ng

RT: 7.36 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

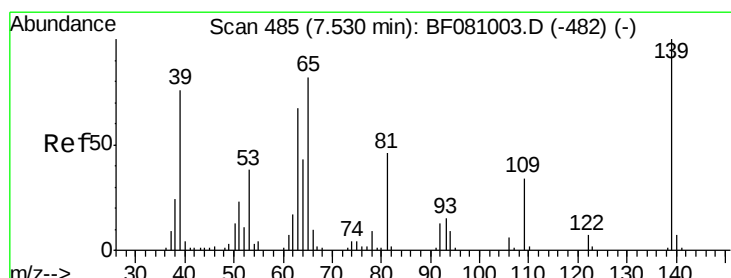
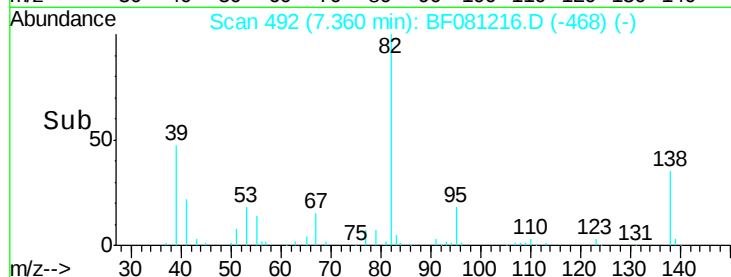
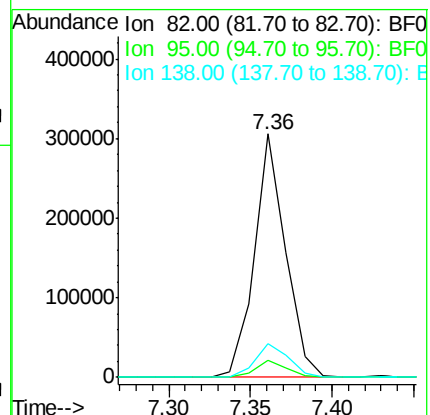
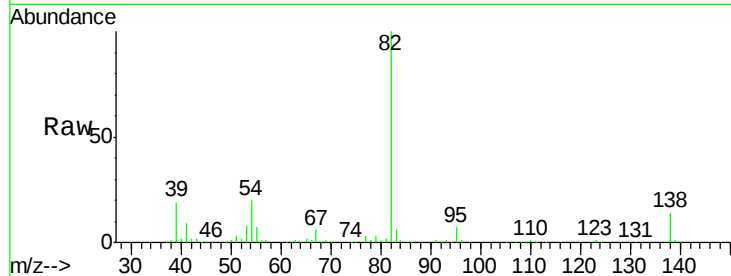
Tot Ion: 82 Resp: 404585

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 14.1 10.5 15.7



#26

2-Nitrophenol

Concen: 39.79 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

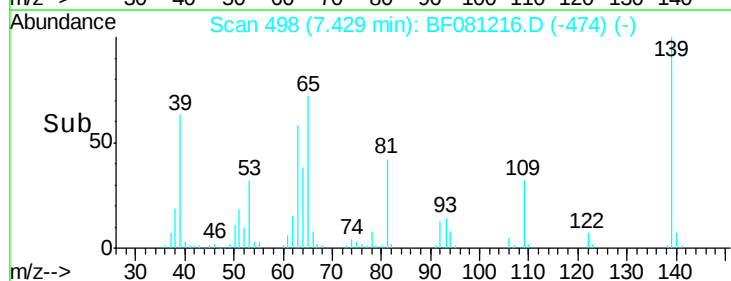
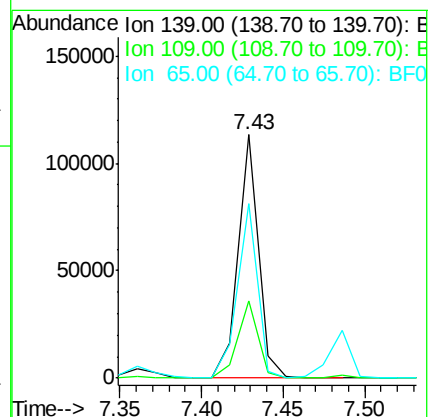
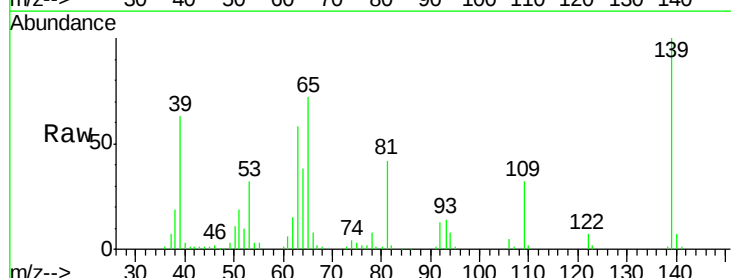
Tgt Ion: 139 Resp: 96565

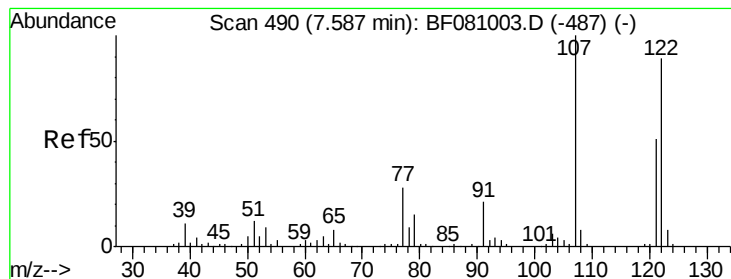
Ion Ratio Lower Upper

139 100

109 31.7 32.1 48.1#

65 71.8 69.9 104.9





#27

2,4-Dimethylphenol

Concen: 38.58 ng

RT: 7.49 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampled :

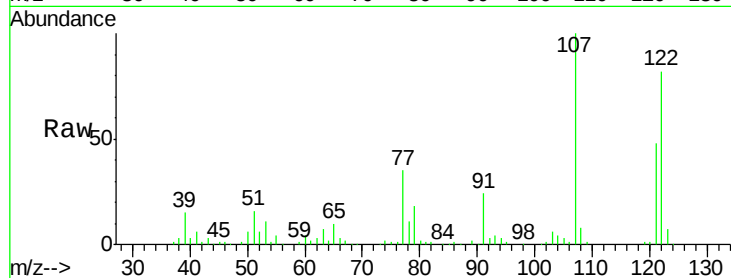
Tot Ion:122 Resp: 165641

Ion Ratio Lower Upper

122 100

107 121.5 103.8 155.6

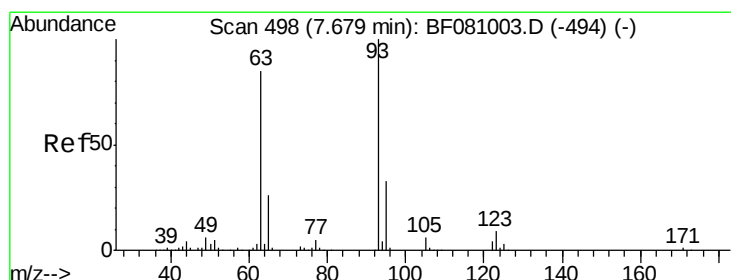
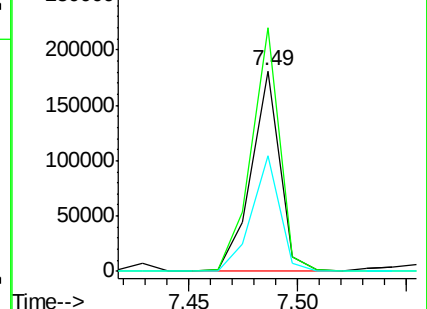
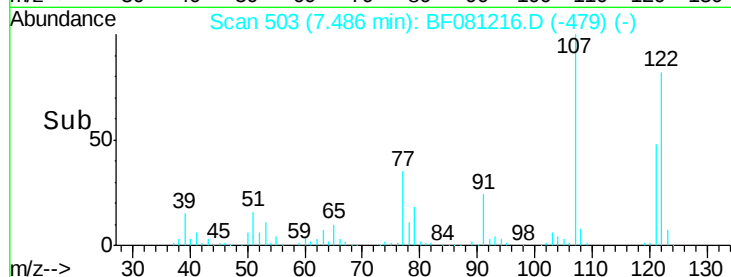
121 57.8 47.0 70.4



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: 36.41 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

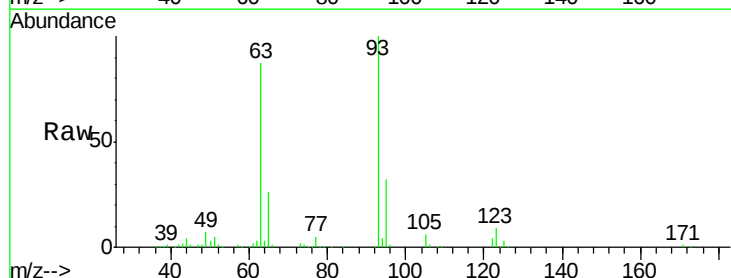
Tgt Ion: 93 Resp: 223874

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

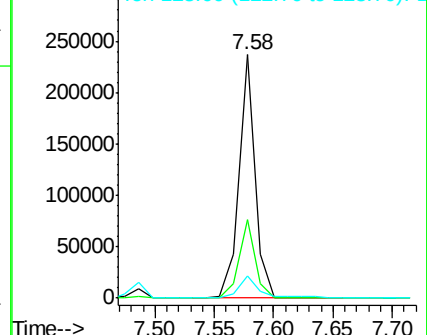
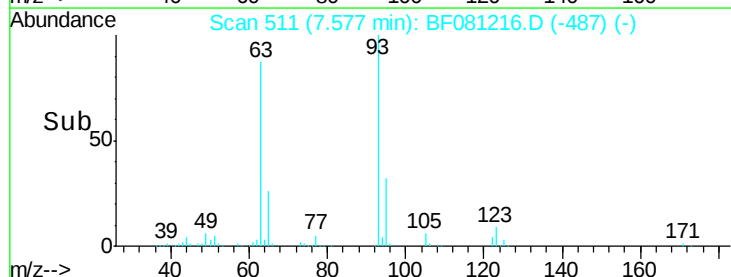
123 8.9 7.4 11.0

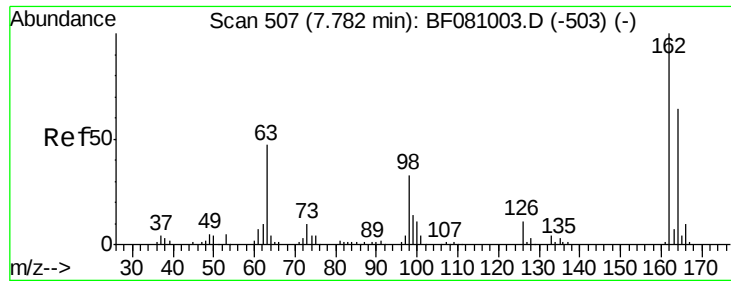


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

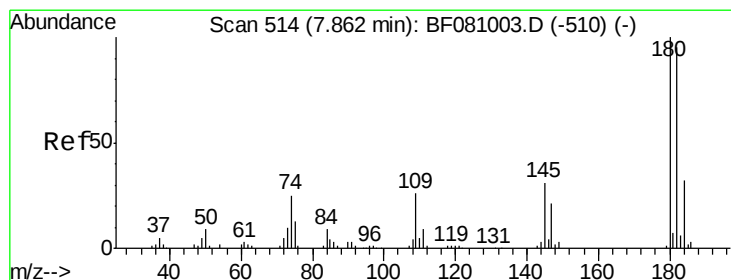
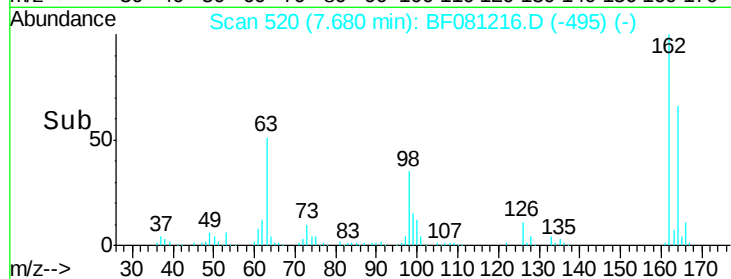
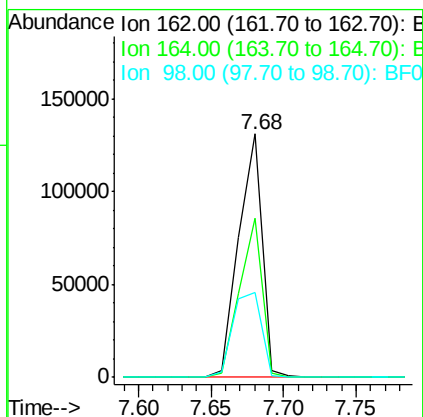
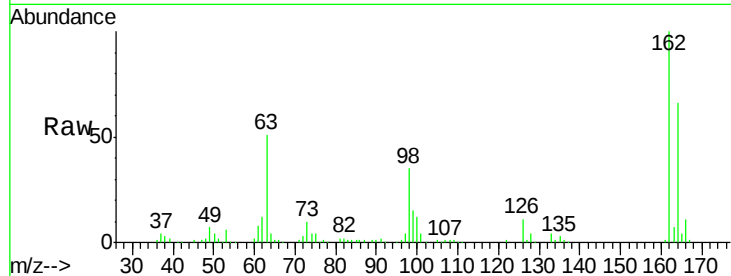




#29
 2,4-Dichlorophenol
 Concen: 40.72 ng
 RT: 7.68 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

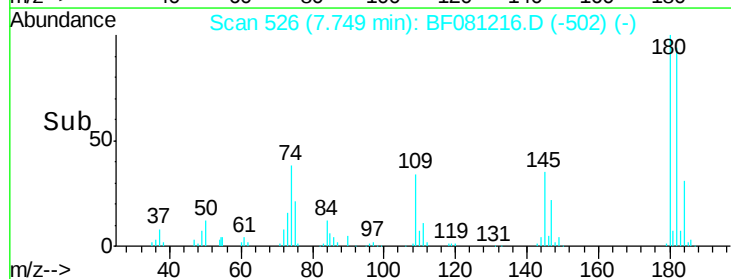
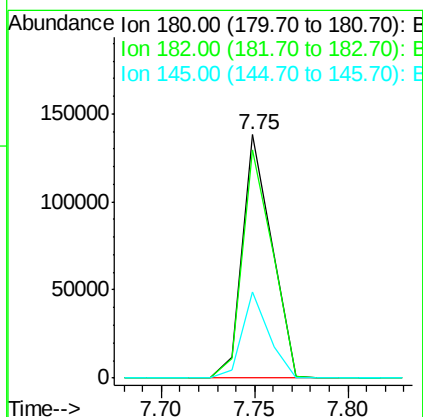
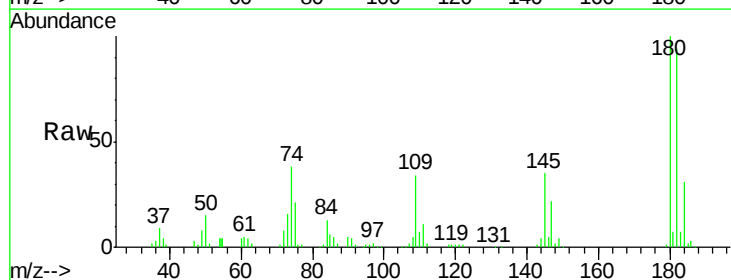
Instrument :
 BNA_F
 ClientSampleId :

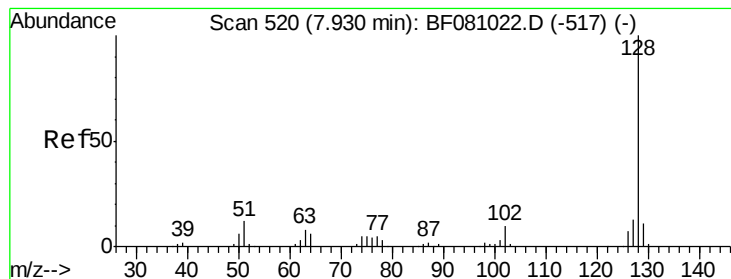
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	43.2	83.2
98	34.9	12.3	52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 37.64 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	35.3	25.4	38.2





#31

Naphthalene

Concen: 38.59 ng

RT: 7.83 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

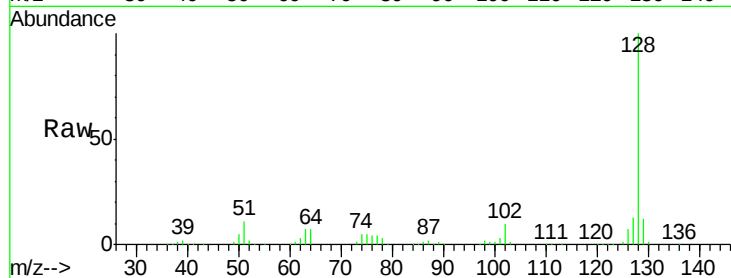
Tot Ion:128 Resp: 548351

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

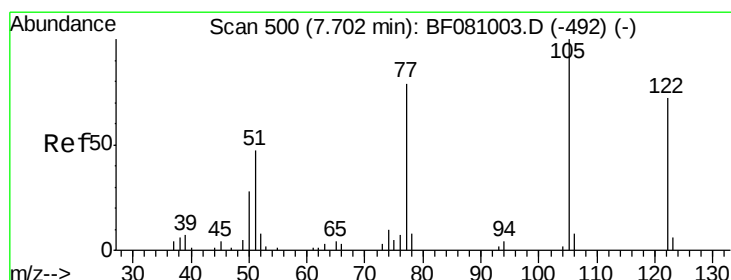
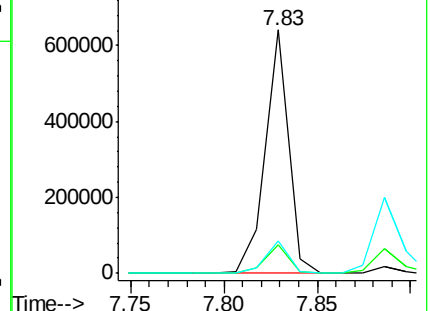
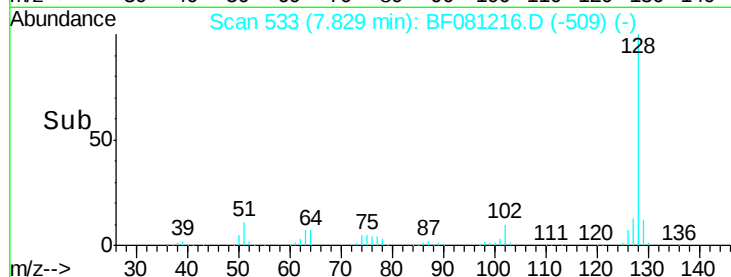
127 13.3 10.6 16.0



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: 42.91 ng

RT: 7.63 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

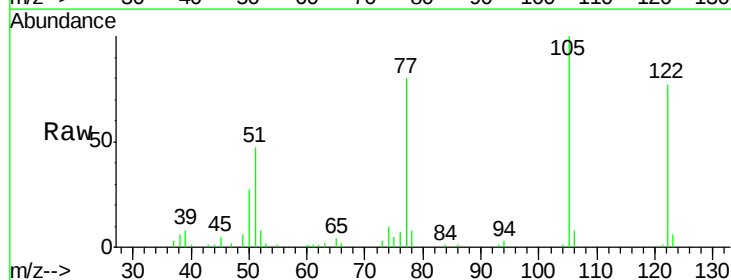
Tgt Ion:122 Resp: 103613

Ion Ratio Lower Upper

122 100

105 129.8 113.8 153.8

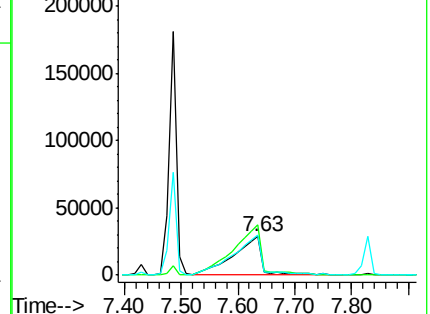
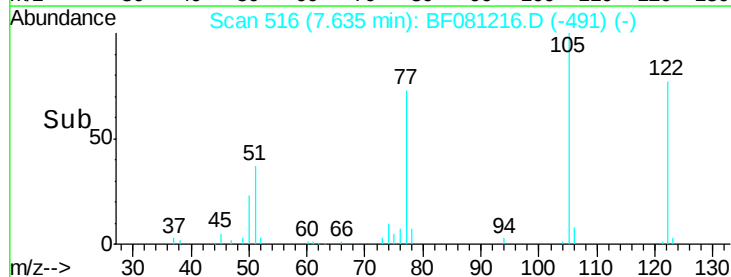
77 104.4 93.8 133.8



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

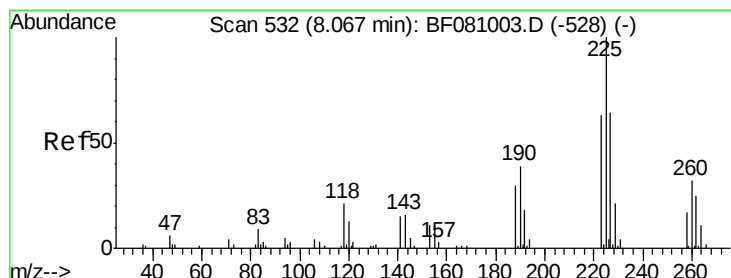
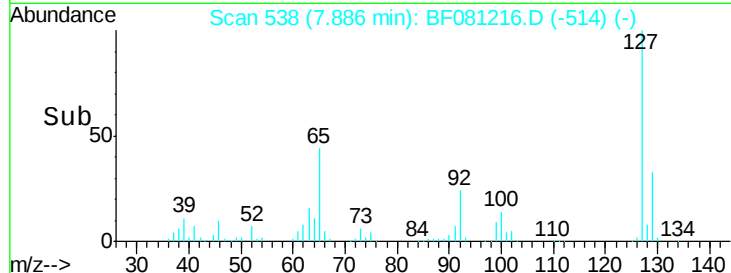
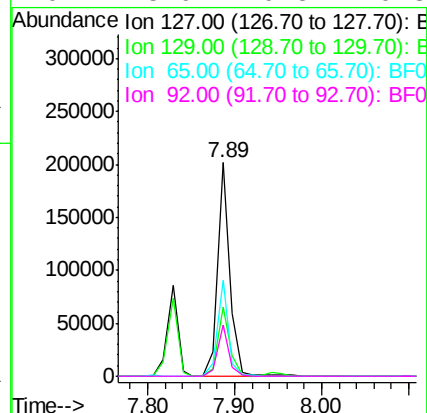
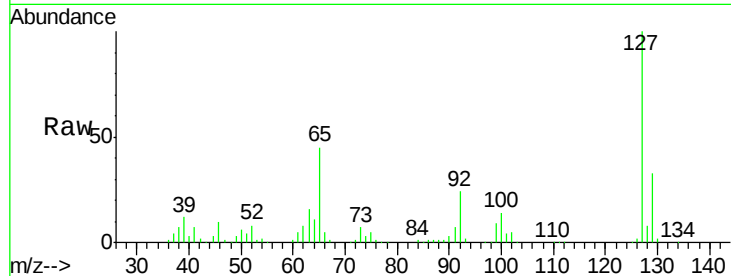




#33
4-Chloroaniline
Concen: 33.65 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

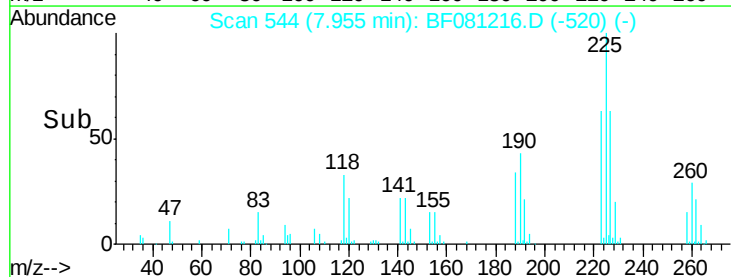
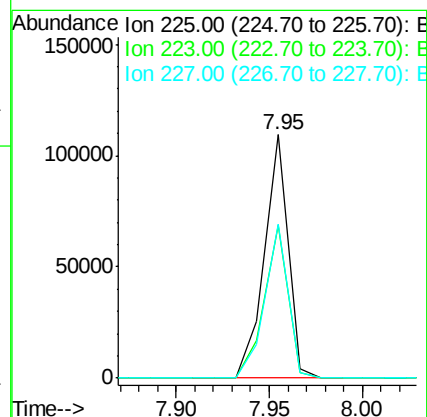
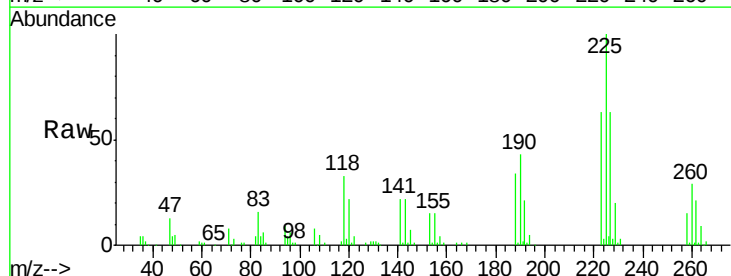
Instrument :
BNA_F
ClientSampled :

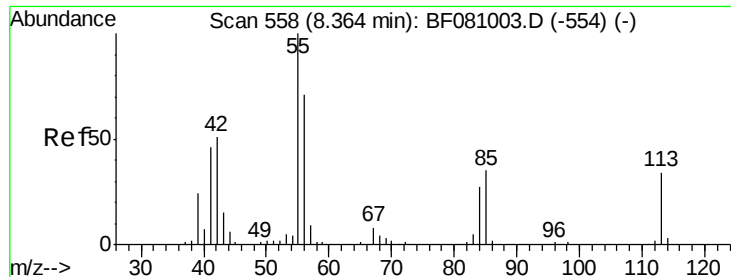
Tot Ion:	127	Resp:	201777
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.2	37.8
65	44.8	37.8	56.6
92	23.9	19.5	29.3



#34
Hexachlorobutadiene
Concen: 42.11 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:	225	Resp:	95670
Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.6	79.0
227	63.0	51.1	76.7





#35

Caprolactam

Concen: 41.36 ng

RT: 8.29 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

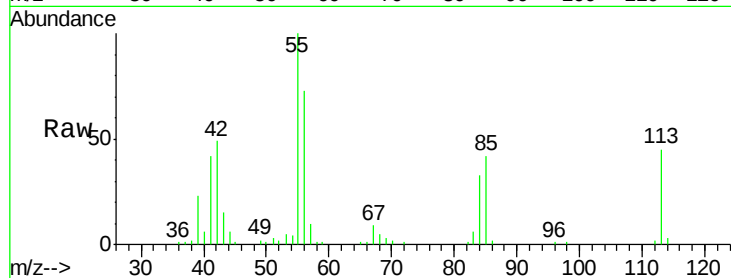
Tot Ion:113 Resp: 52242

Ion Ratio Lower Upper

113 100

55 222.9 280.4 320.4#

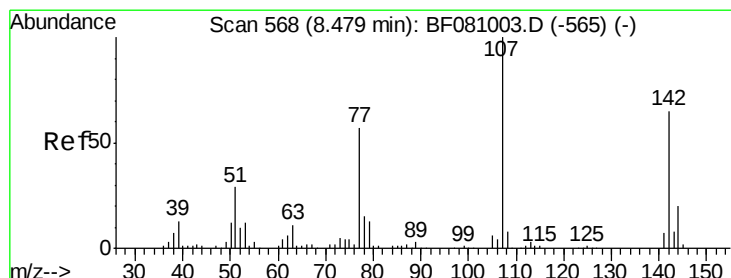
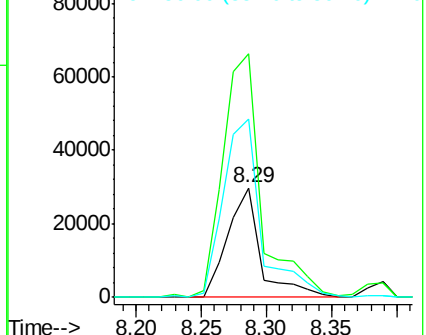
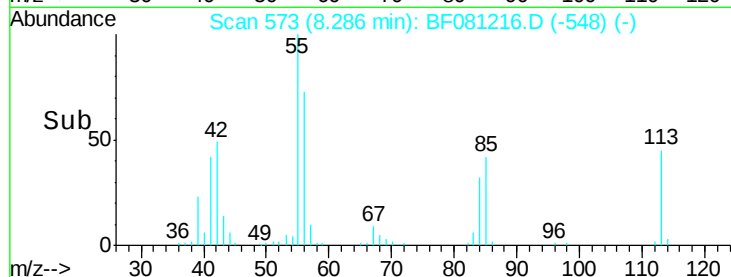
56 163.2 205.9 245.9#



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: 42.52 ng

RT: 8.39 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

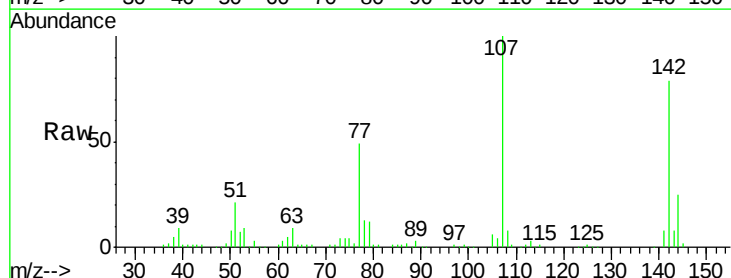
Tgt Ion:107 Resp: 183160

Ion Ratio Lower Upper

107 100

144 25.4 17.2 25.8

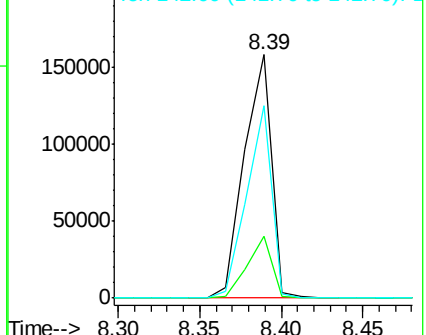
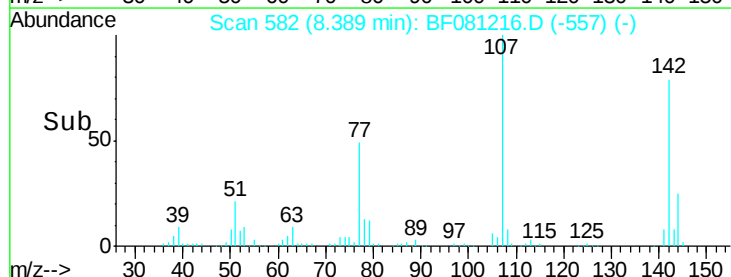
142 79.1 54.9 82.3

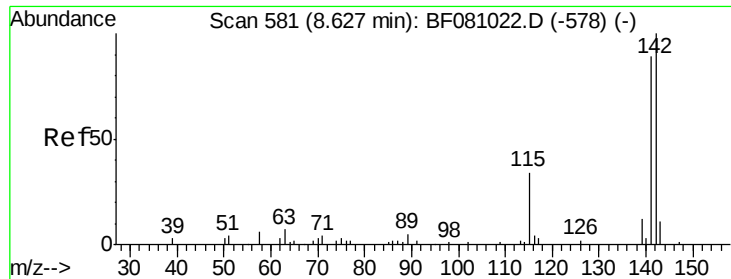


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

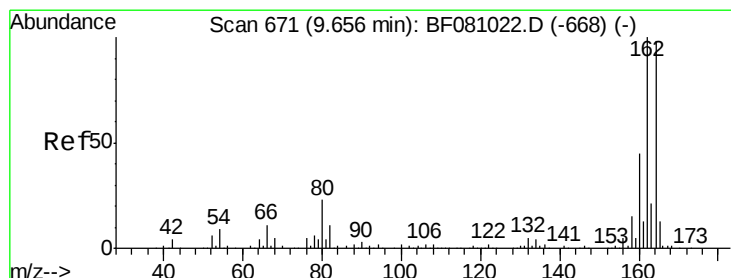
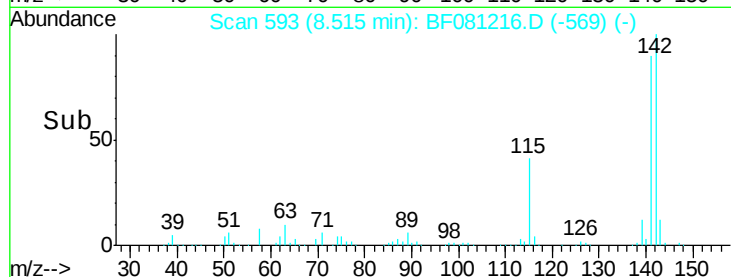
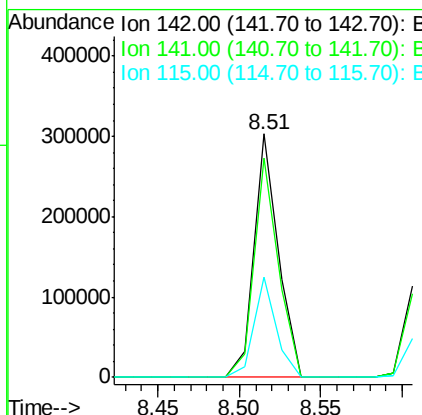
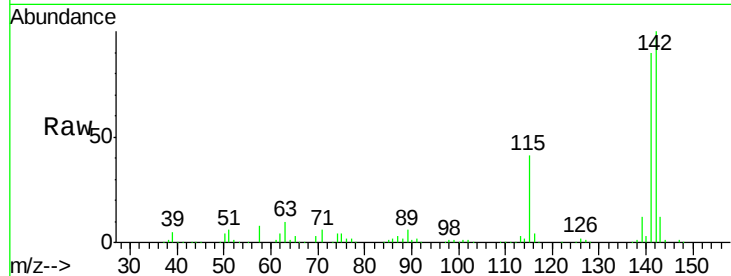




#37
 2-Methylnaphthalene
 Concen: 35.13 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

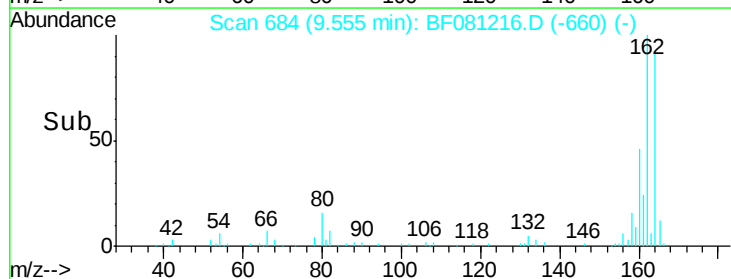
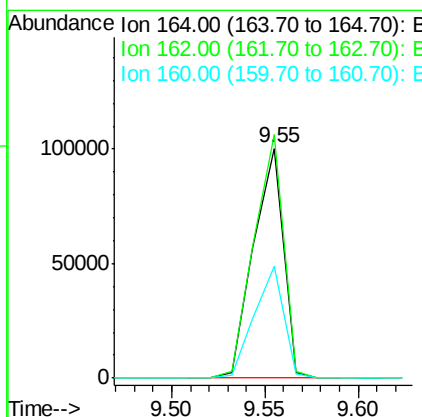
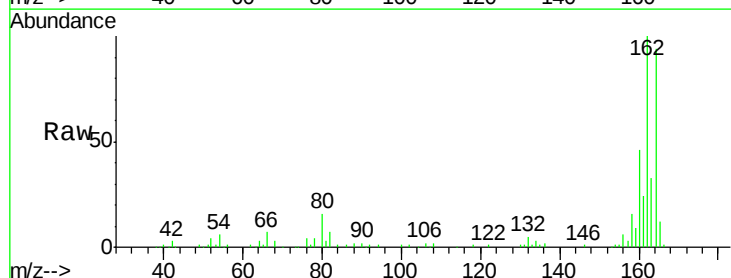
Instrument :
 BNA_F
 ClientSampleId :

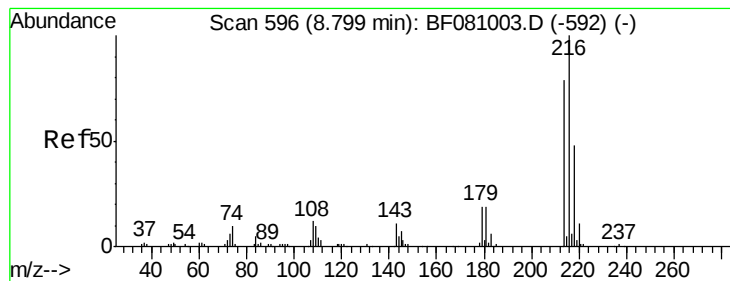
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.2
115	41.1	33.4	50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.8	125.8
160	48.4	39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.40 ng

RT: 8.69 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 151670

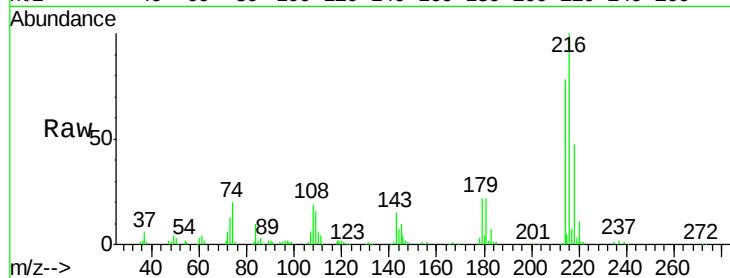
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 22.6 17.8 26.8

108 22.3 16.2 24.2

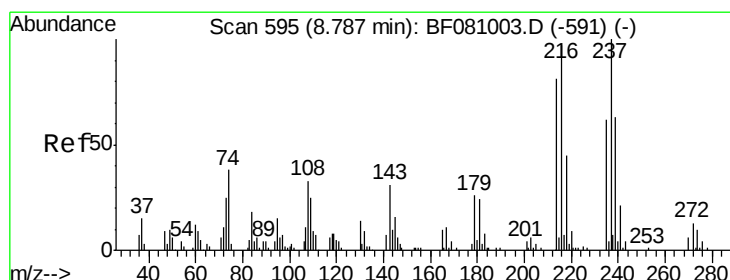
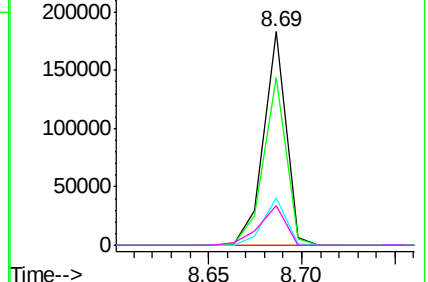
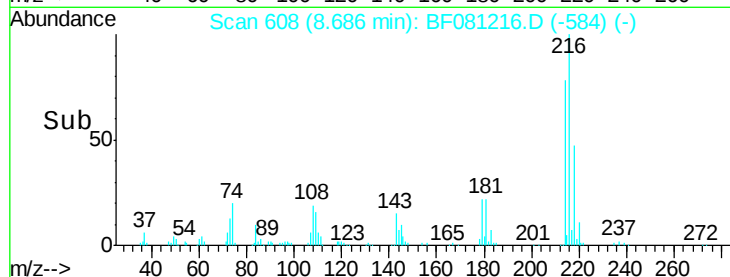


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.51 ng

RT: 8.67 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

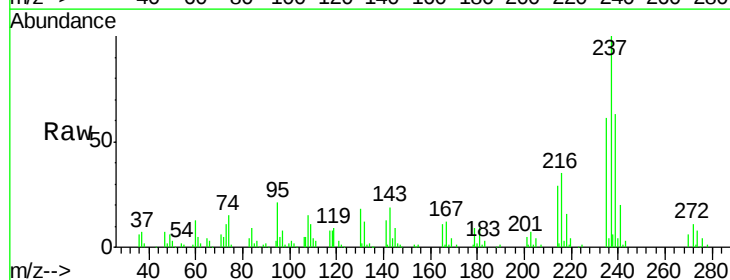
Tgt Ion:237 Resp: 73150

Ion Ratio Lower Upper

237 100

235 61.3 43.6 83.6

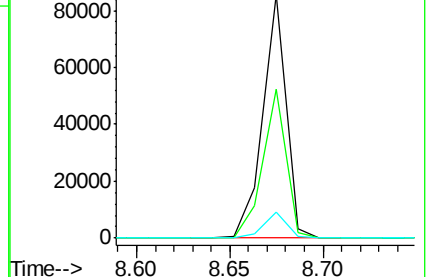
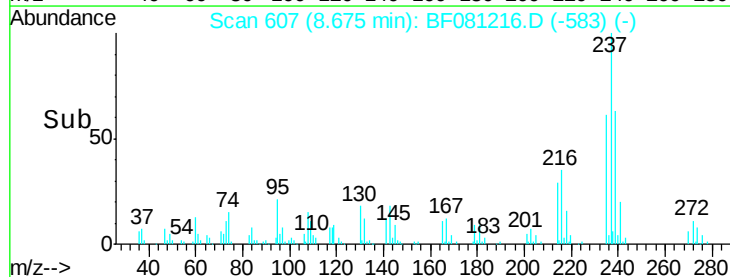
272 10.7 0.0 32.2

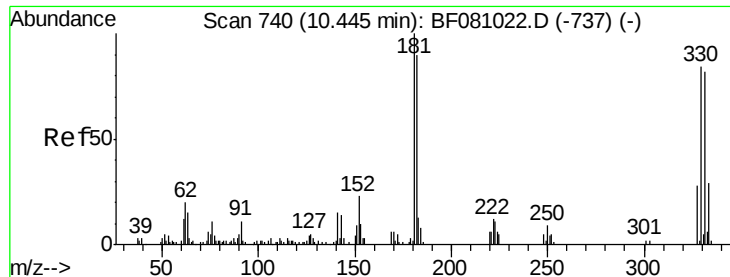


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 74.61 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

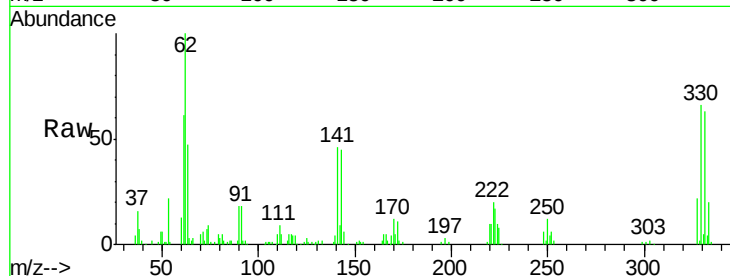
Tot Ion:330 Resp: 71715

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

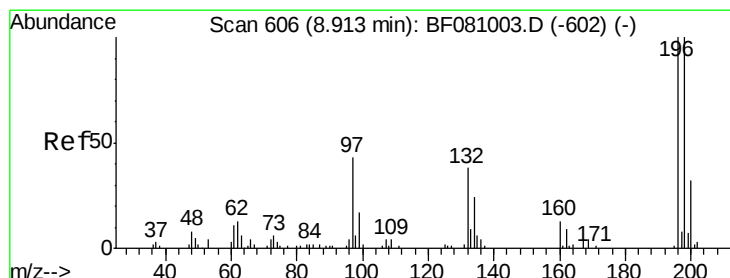
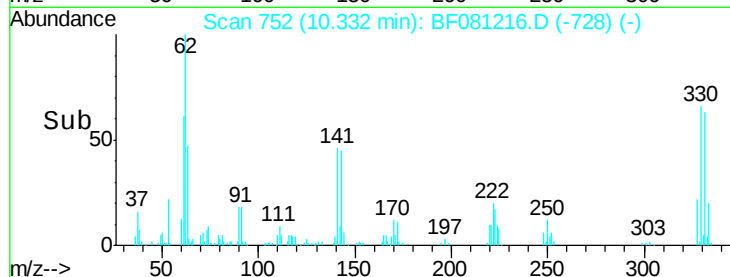
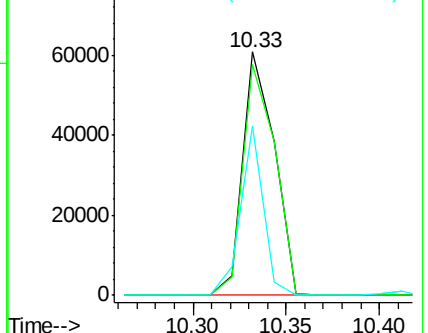
141 50.6 44.9 67.3



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: 38.59 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

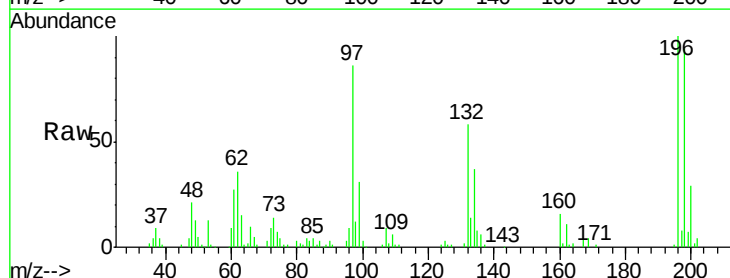
Tgt Ion:196 Resp: 97524

Ion Ratio Lower Upper

196 100

198 94.2 74.6 111.8

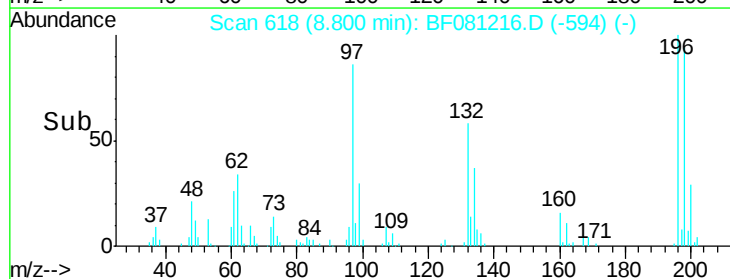
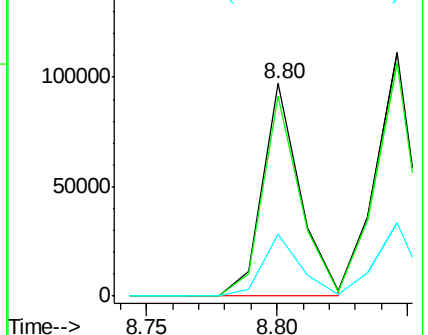
200 28.9 22.7 34.1



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

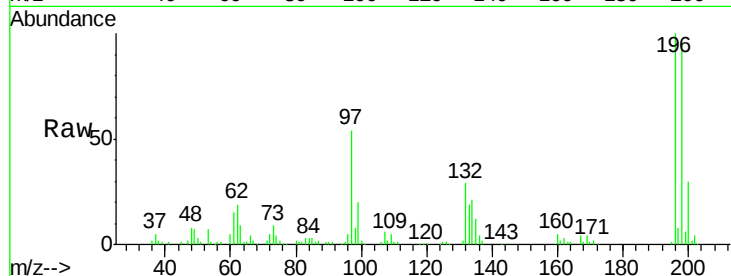




#43
 2,4,5-Trichlorophenol
 Concen: 42.49 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	107328
Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.3	117.5
97	53.9	42.7	64.1
132	28.9	23.3	34.9



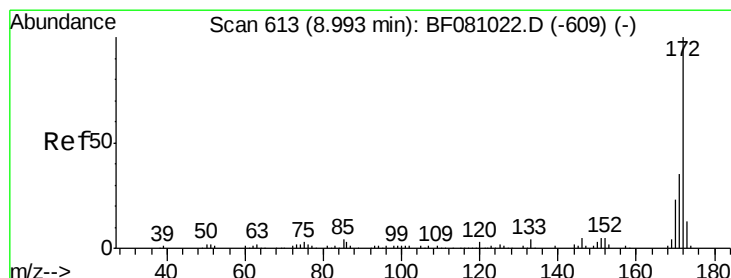
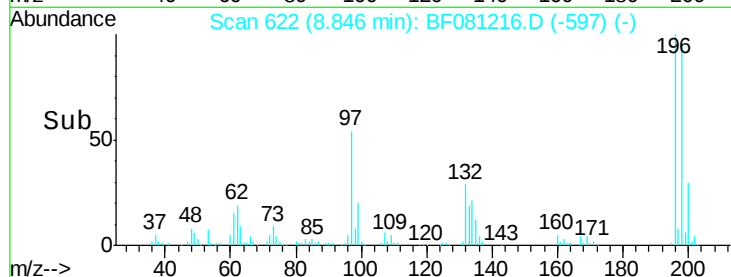
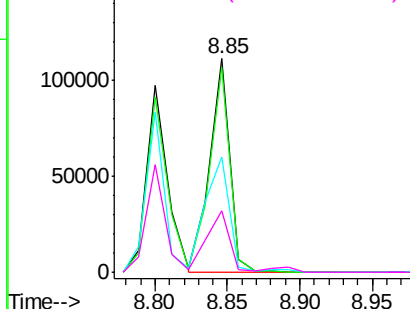
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

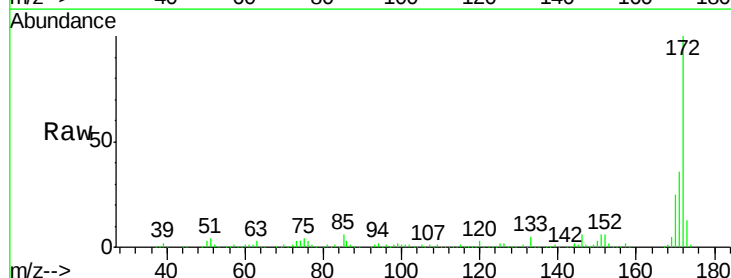
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.42 ng
 RT: 8.89 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	172	Resp	705878
Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.7	19.4	29.2

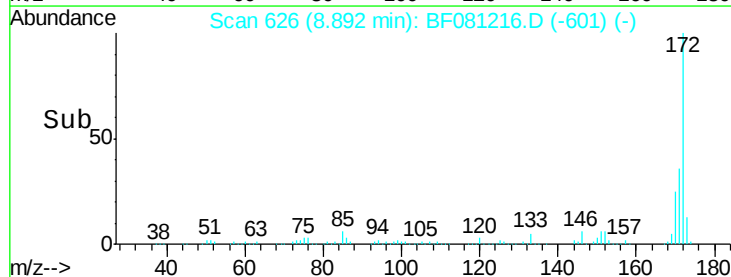
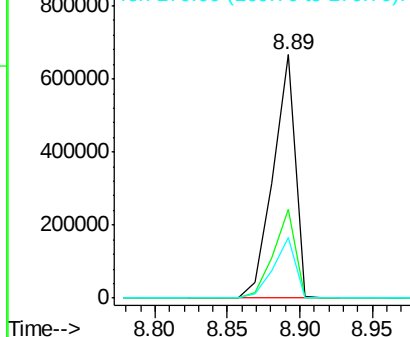


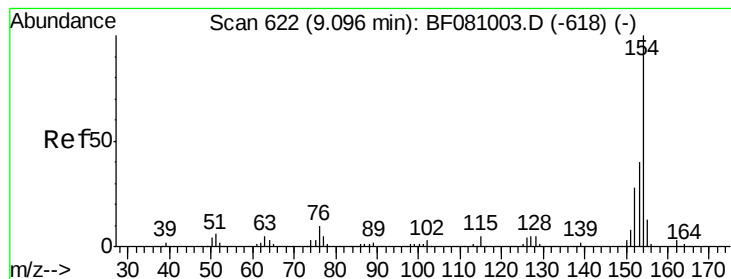
Abundance

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: 36.93 ng

RT: 8.98 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

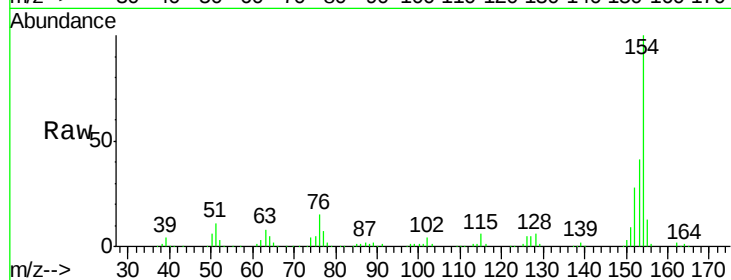
Tot Ion:154 Resp: 360656

Ion Ratio Lower Upper

154 100

153 40.7 19.5 59.5

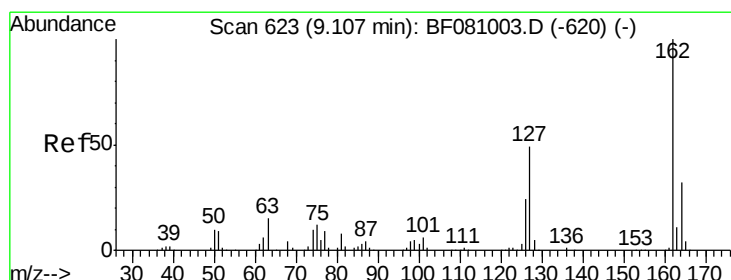
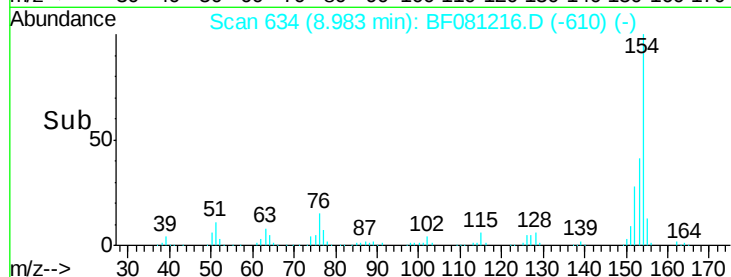
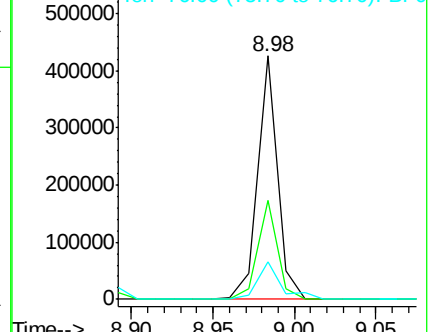
76 15.2 0.0 29.3



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: 41.78 ng

RT: 9.01 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

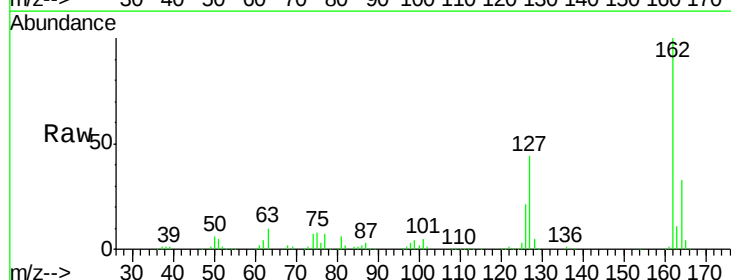
Tgt Ion:162 Resp: 327797

Ion Ratio Lower Upper

162 100

127 43.8 31.3 46.9

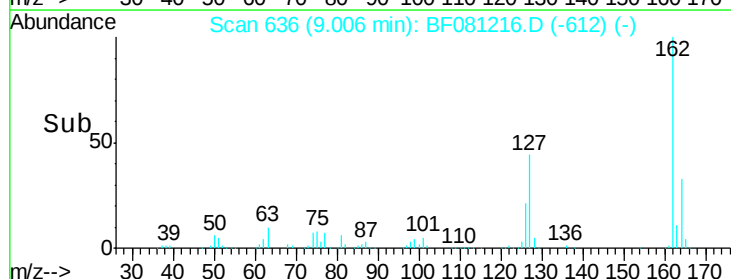
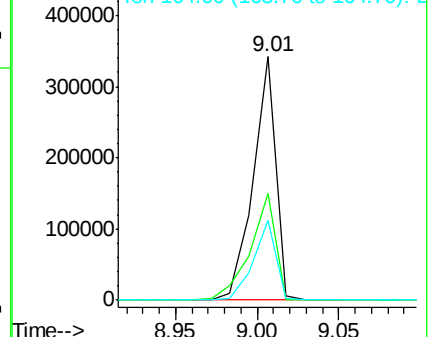
164 32.9 26.3 39.5



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

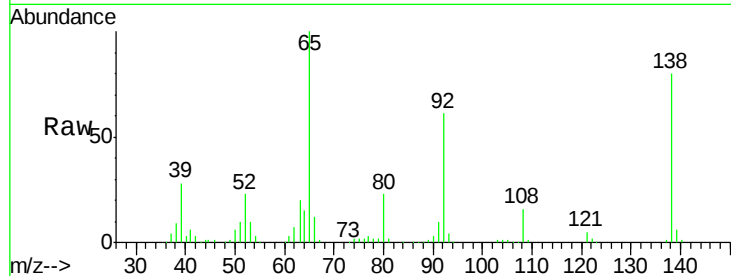




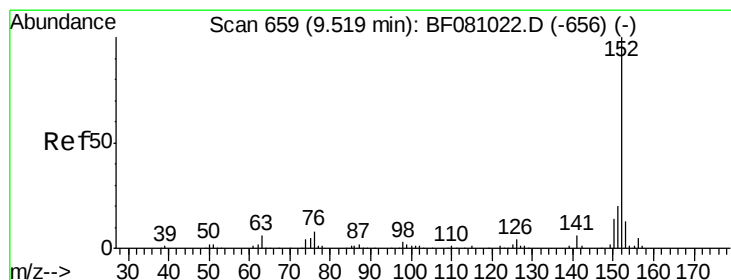
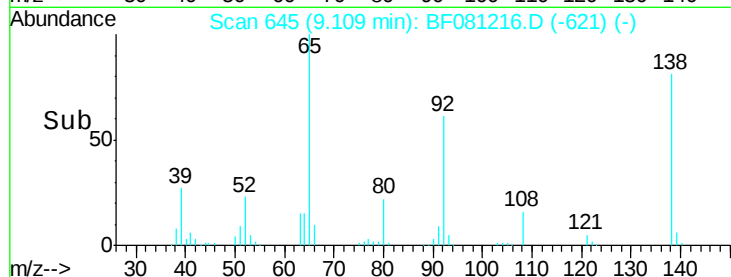
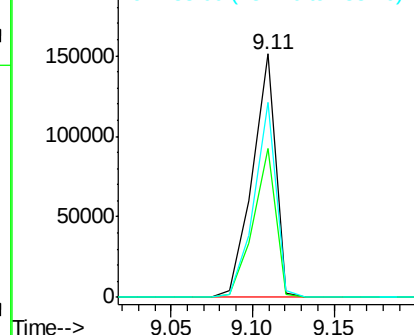
#47
2-Nitroaniline
Concen: 46.52 ng
RT: 9.11 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 149382
Ion Ratio Lower Upper
65 100
92 61.1 45.6 68.4
138 80.2 57.9 86.9

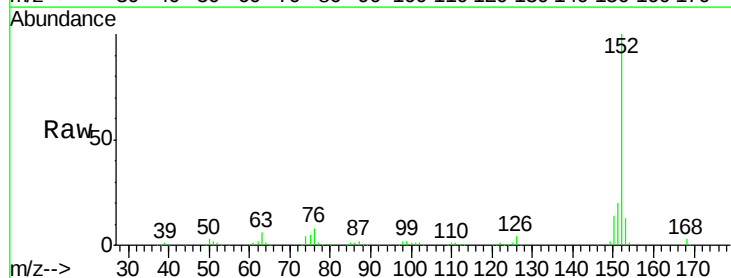


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

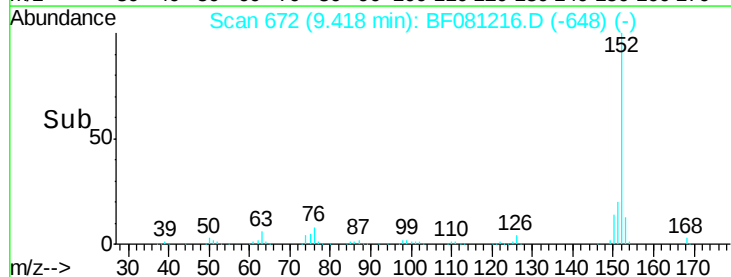
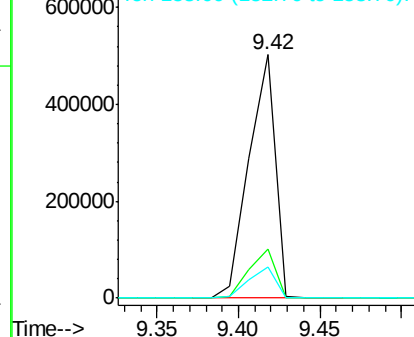


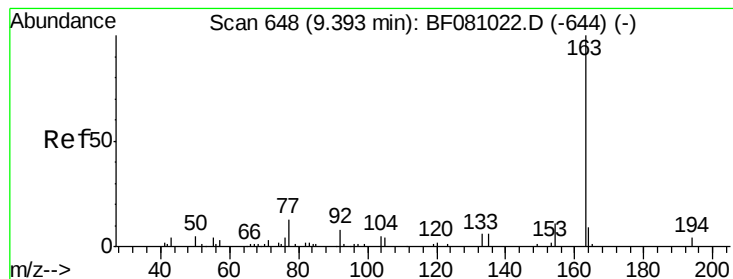
#48
Acenaphthylene
Concen: 40.09 ng
RT: 9.42 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 152 Resp: 562629
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.9 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: 40.73 ng

RT: 9.30 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

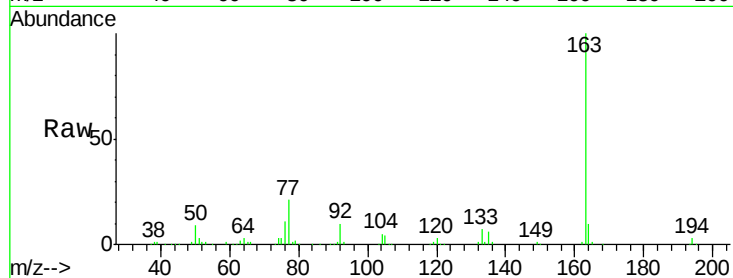
Tot Ion:163 Resp: 371922

Ion Ratio Lower Upper

163 100

194 3.2 2.5 3.7

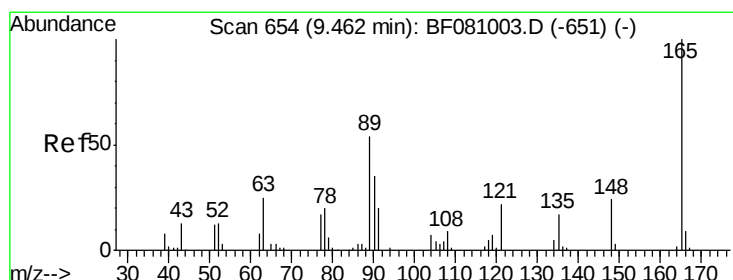
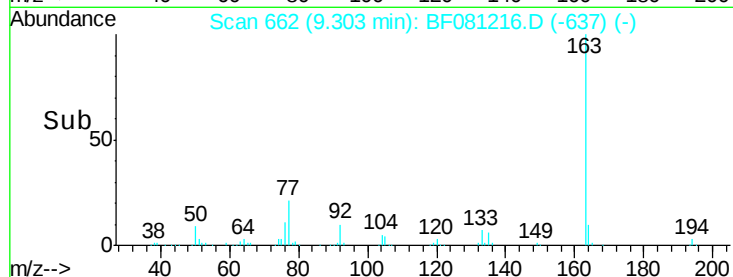
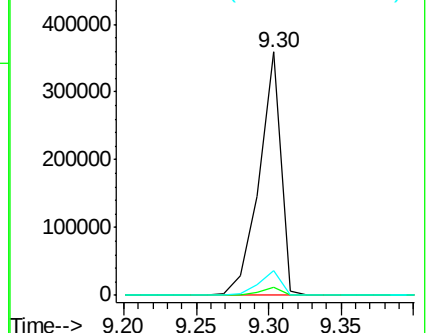
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.40 ng

RT: 9.36 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

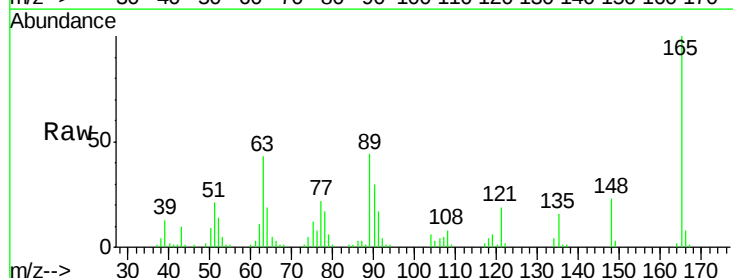
Tgt Ion:165 Resp: 83136

Ion Ratio Lower Upper

165 100

63 42.8 49.5 74.3#

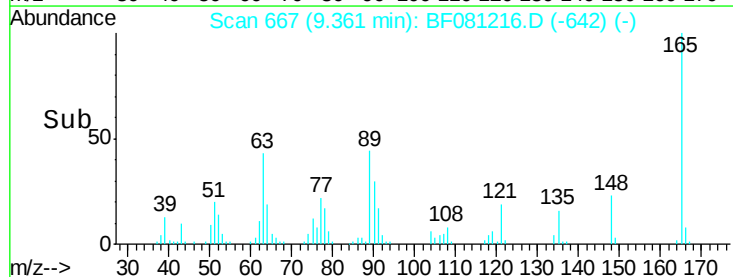
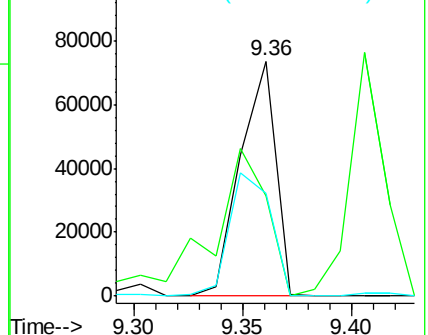
89 43.9 47.6 71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.84 ng

RT: 9.59 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

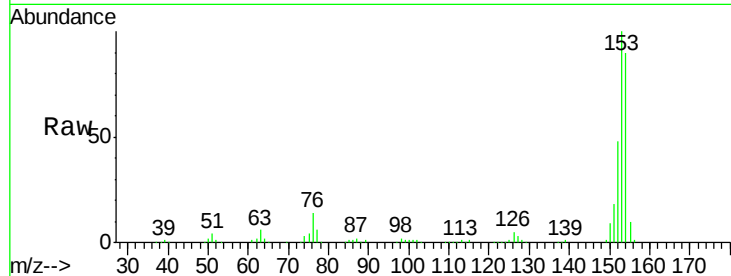
Tot Ion:154 Resp: 326361

Ion Ratio Lower Upper

154 100

153 111.7 91.4 137.2

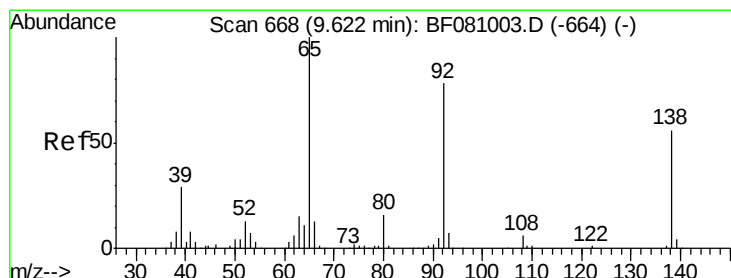
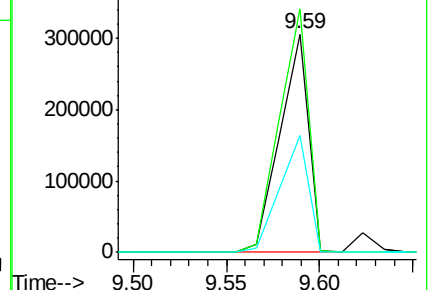
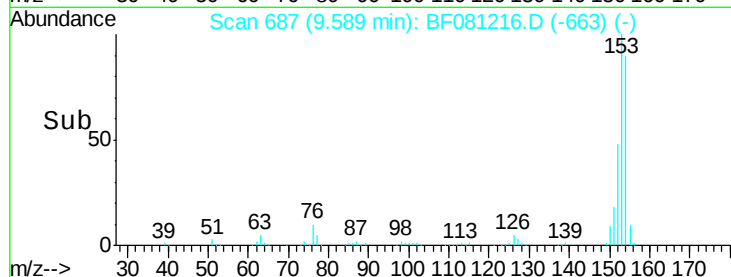
152 53.6 43.7 65.5



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: 38.73 ng

RT: 9.52 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

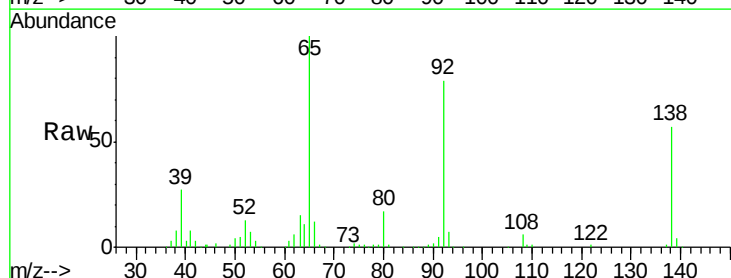
Tgt Ion:138 Resp: 95010

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.2

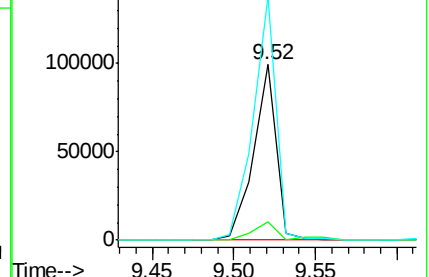
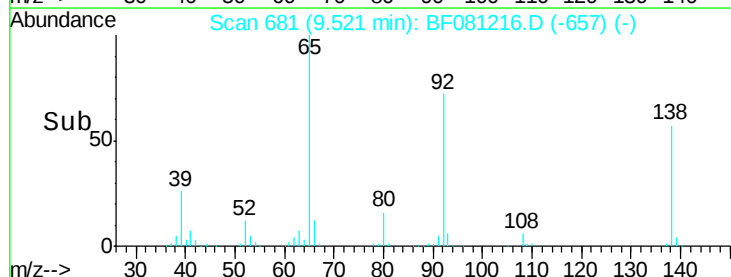
92 139.0 113.2 169.8

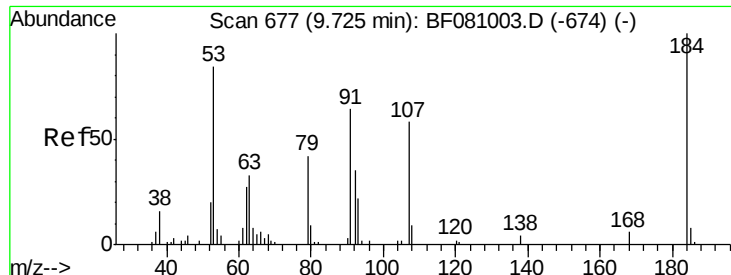


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

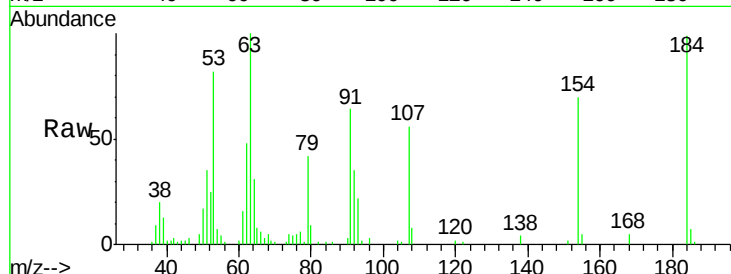




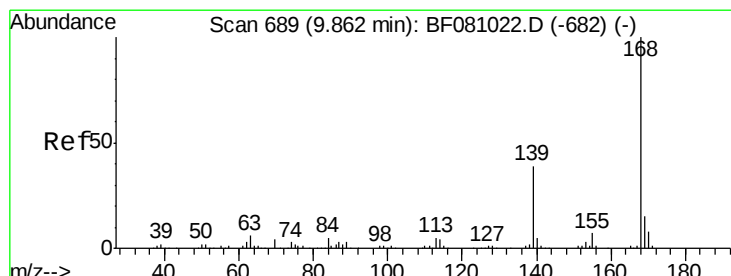
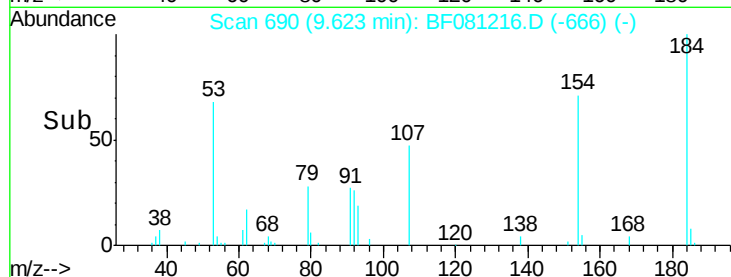
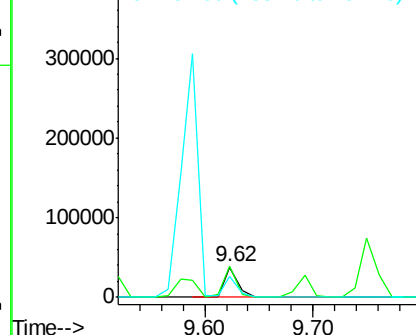
#53
2,4-Dinitrophenol
Concen: 37.56 ng
RT: 9.62 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 35301
Ion Ratio Lower Upper
184 100
63 100.9 101.7 152.5#
154 70.7 67.4 101.0

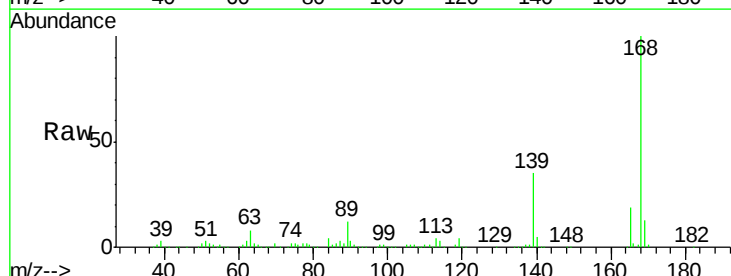


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

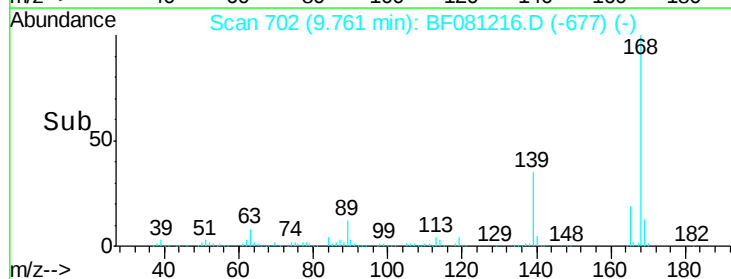
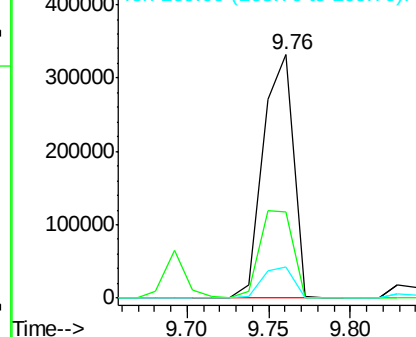


#54
Dibenzofuran
Concen: 37.96 ng
RT: 9.76 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:168 Resp: 427396
Ion Ratio Lower Upper
168 100
139 35.1 29.3 43.9
169 12.7 10.3 15.5



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





#55

4-Nitrophenol

Concen: 35.66 ng

RT: 9.69 min Scan# 696

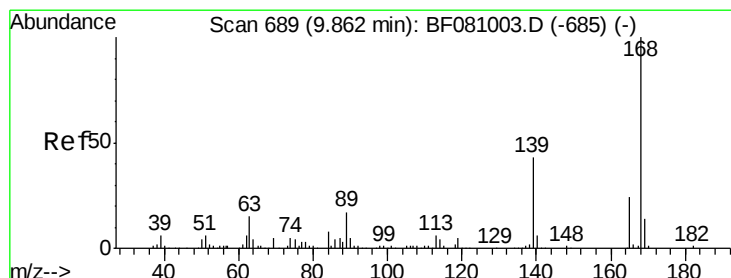
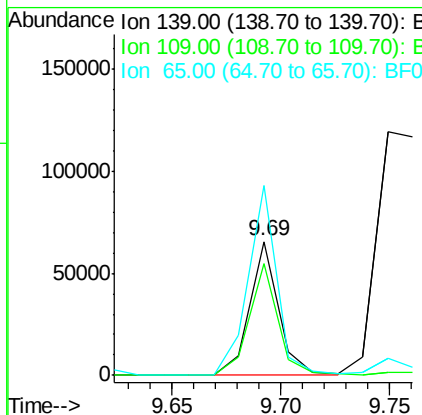
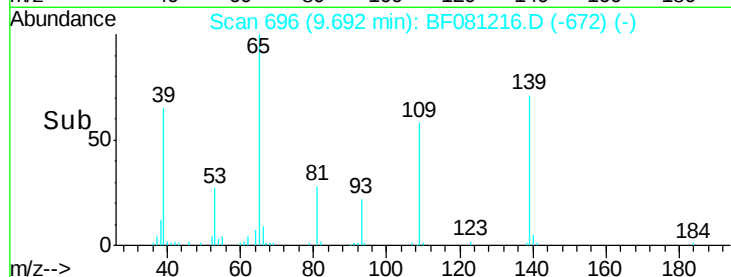
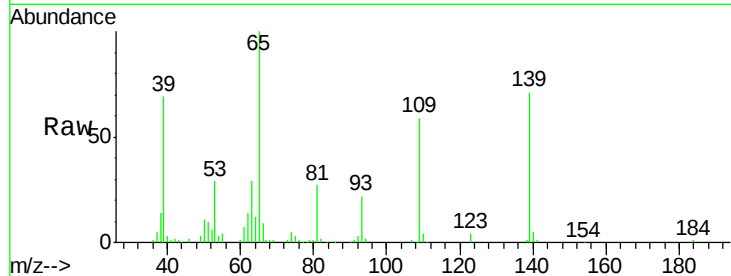
Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 61450
Ion Ratio Lower Upper
139 100
109 83.4 80.0 120.0
65 141.7 138.3 178.3



#56

2,4-Dinitrotoluene

Concen: 37.61 ng

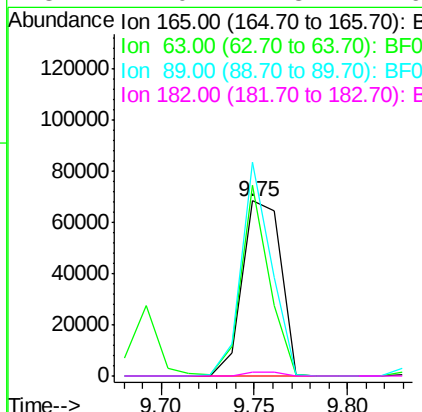
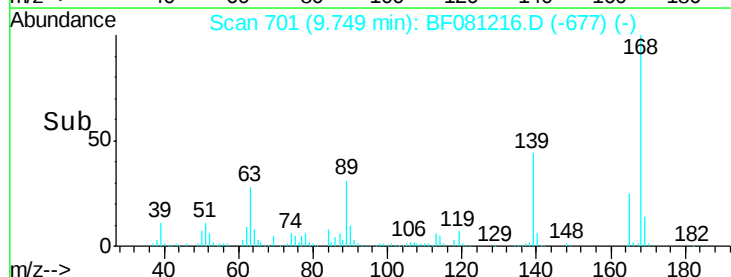
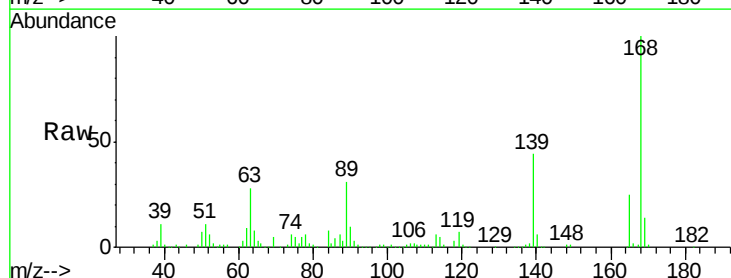
RT: 9.75 min Scan# 701

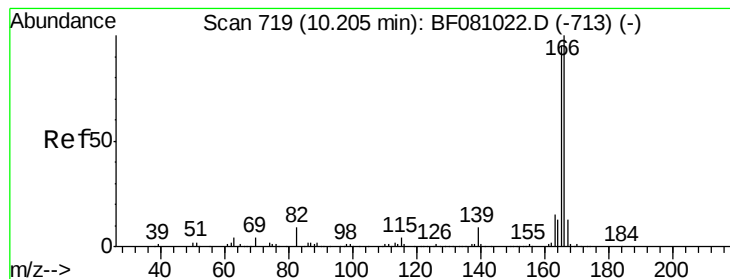
Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Tgt Ion:165 Resp: 97720
Ion Ratio Lower Upper
165 100
63 109.4 52.2 78.4#
89 122.1 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 34.90 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

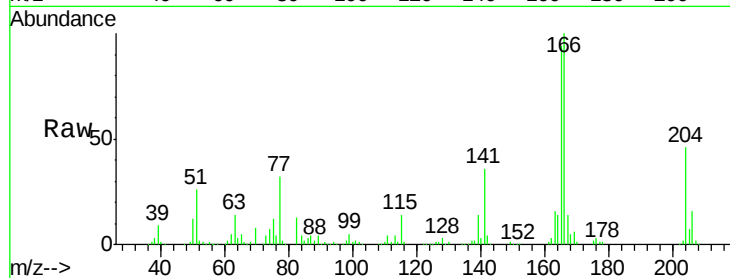
Tot Ion:166 Resp: 302301

Ion Ratio Lower Upper

166 100

165 94.5 75.8 113.8

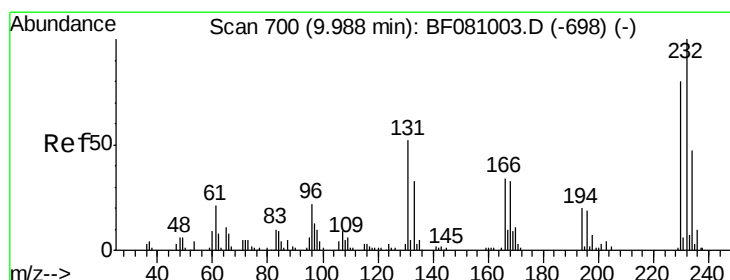
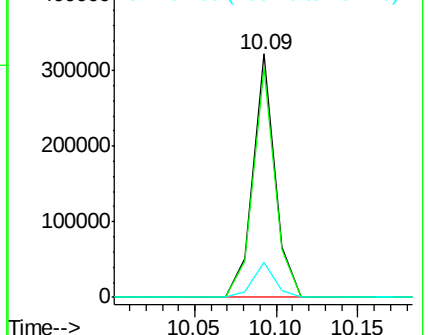
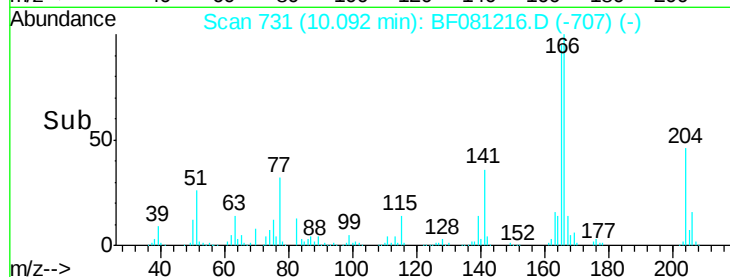
167 14.2 11.3 16.9



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: 38.36 ng

RT: 9.87 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Tgt Ion:232 Resp: 74996

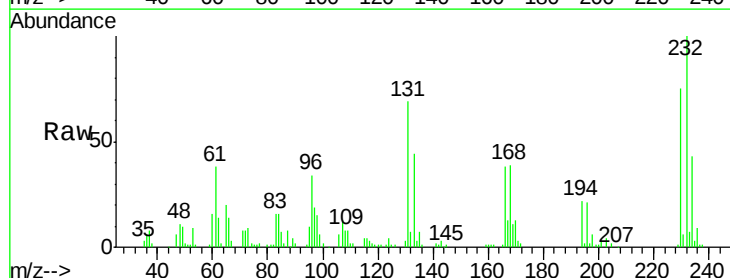
Ion Ratio Lower Upper

232 100

131 56.8 42.2 63.4

130 2.6 2.1 3.1

166 32.5 22.4 33.6

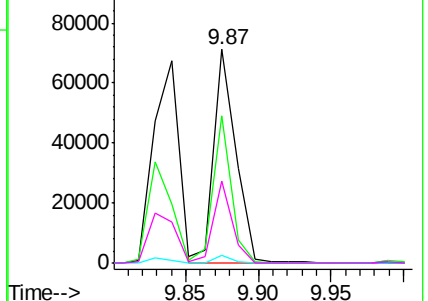
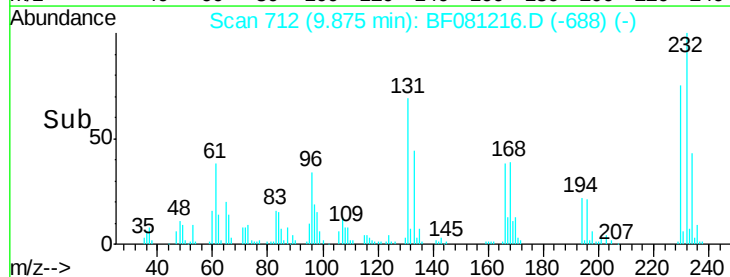


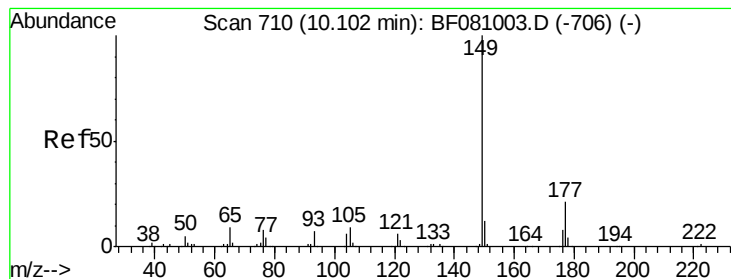
Abundance Ion 232.00 (231.70 to 232.70): E

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: 35.98 ng

RT: 9.99 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampled :

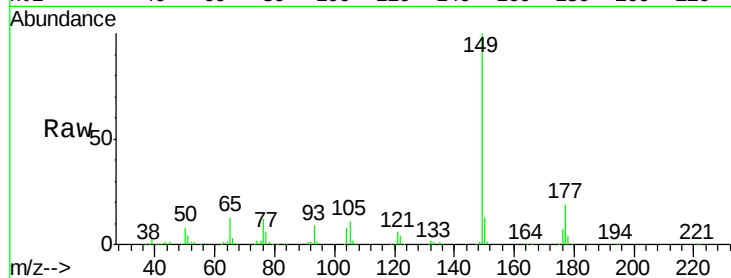
Tot Ion:149 Resp: 347750

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

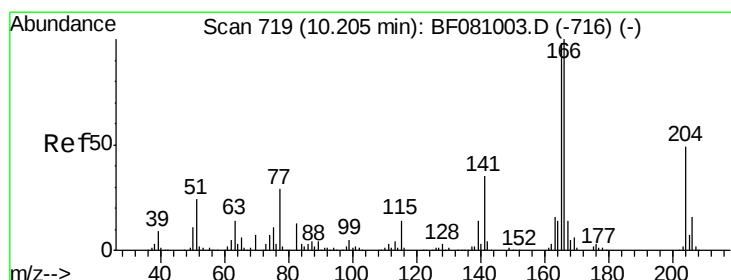
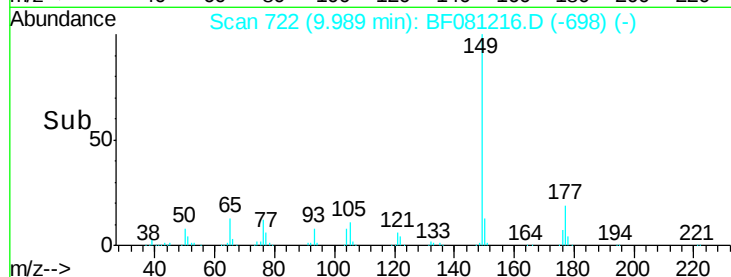
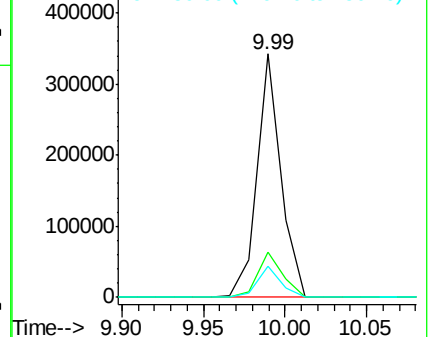
150 12.9 10.3 15.5



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: 35.92 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

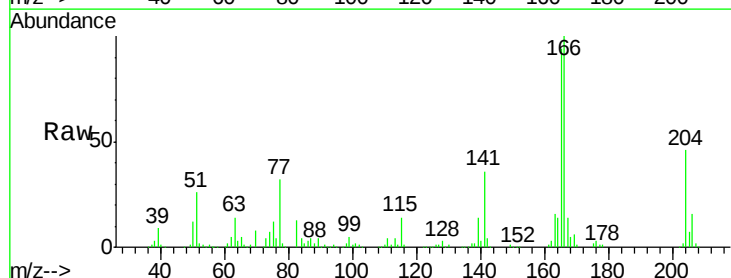
Tgt Ion:204 Resp: 131653

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

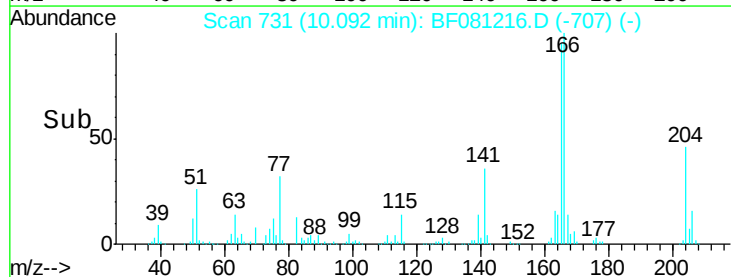
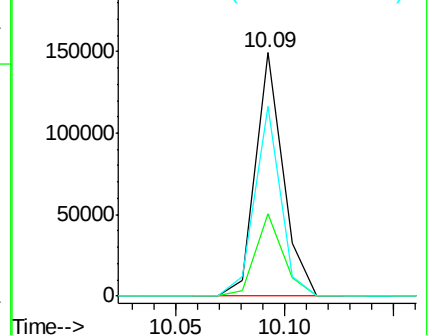
141 77.8 59.6 89.4



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

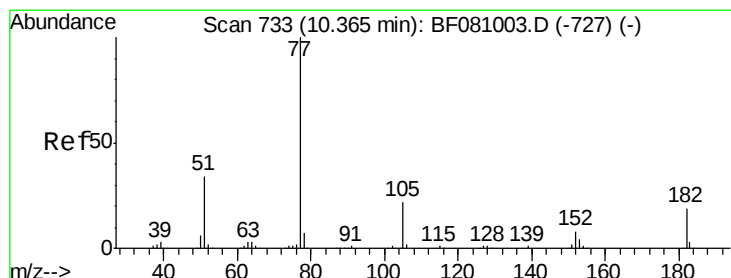
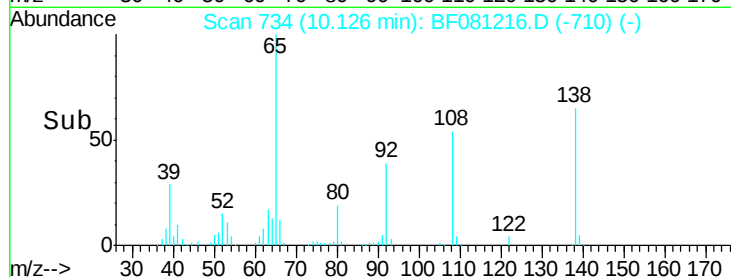
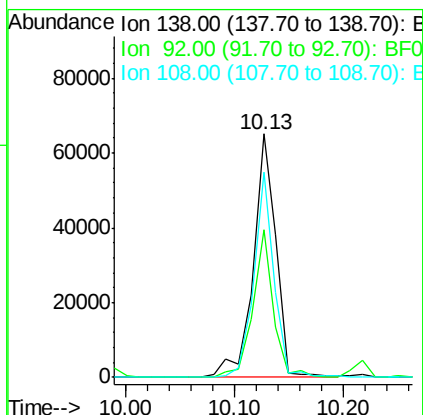
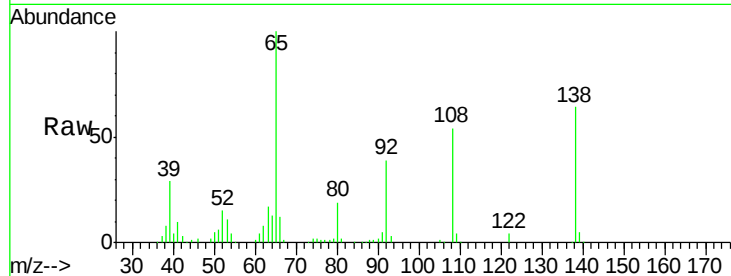




#61
4-Nitroaniline
Concen: 37.77 ng
RT: 10.13 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

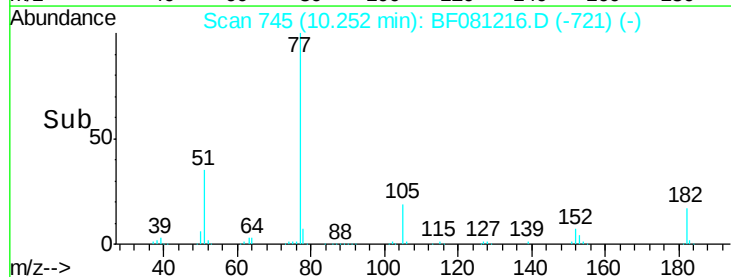
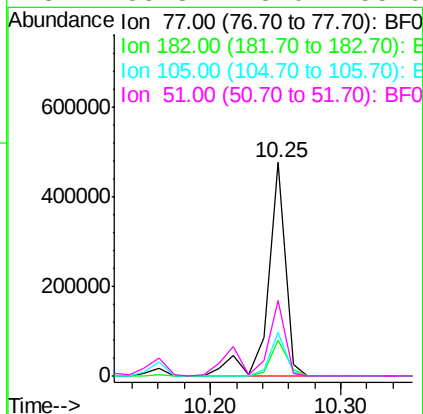
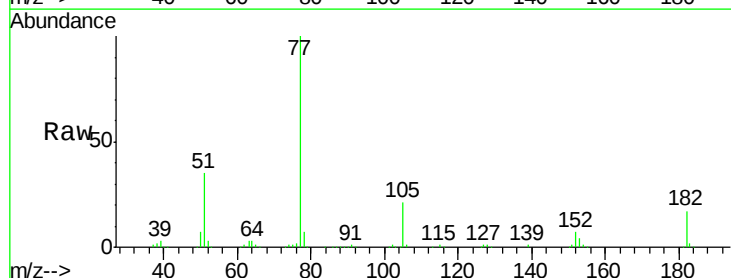
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 94712
Ion Ratio Lower Upper
138 100
92 60.8 34.7 74.7
108 84.1 68.9 108.9



#62
Azobenzene
Concen: 40.54 ng
RT: 10.25 min Scan# 745
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion: 77 Resp: 451457
Ion Ratio Lower Upper
77 100
182 16.8 0.0 39.0
105 20.6 0.2 40.2
51 35.3 18.0 58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.02 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

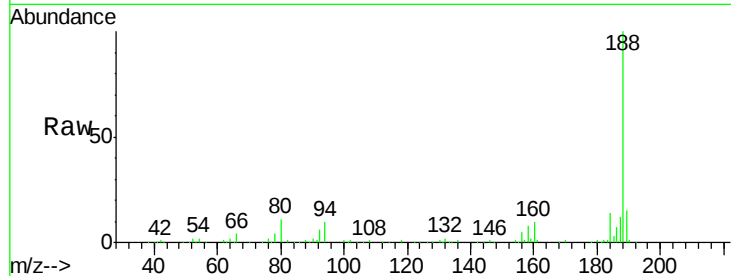
Tot Ion:188 Resp: 216511

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

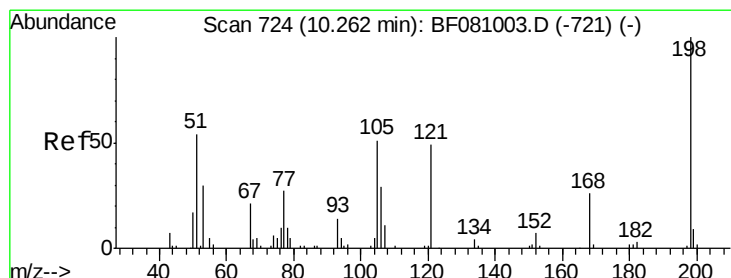
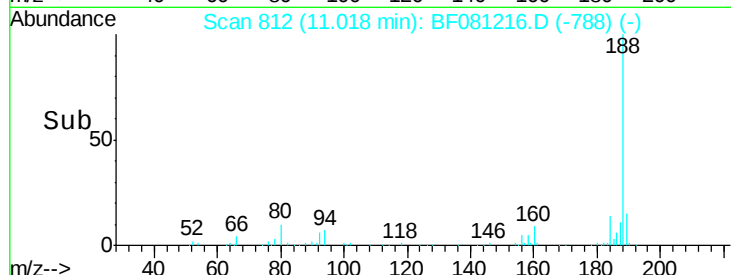
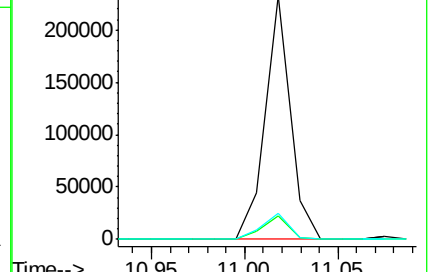
80 10.8 9.5 14.3



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: 40.75 ng

RT: 10.16 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

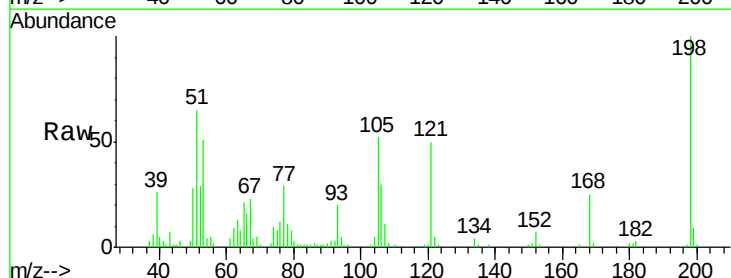
Tgt Ion:198 Resp: 52688

Ion Ratio Lower Upper

198 100

51 64.6 79.7 119.7#

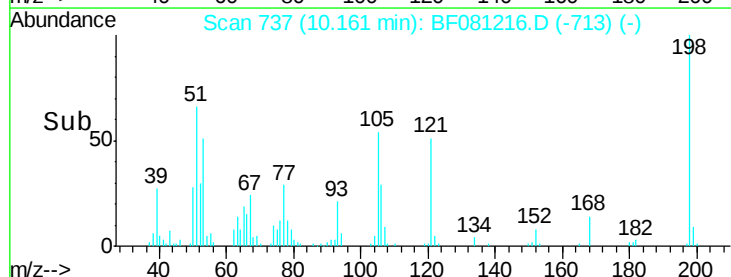
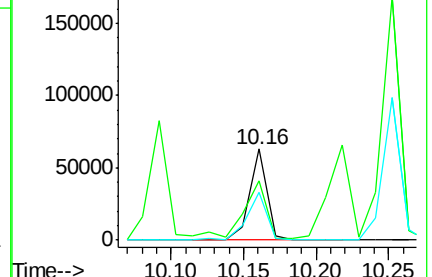
105 52.3 47.0 87.0

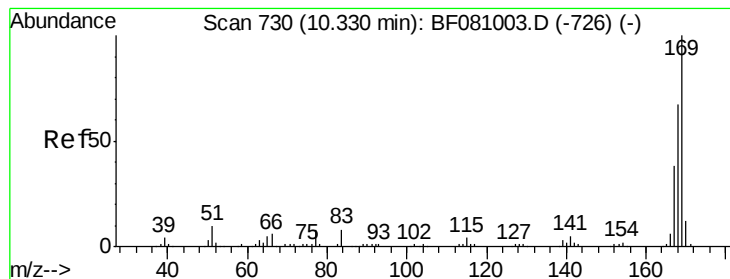


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.47 ng

RT: 10.22 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampled :

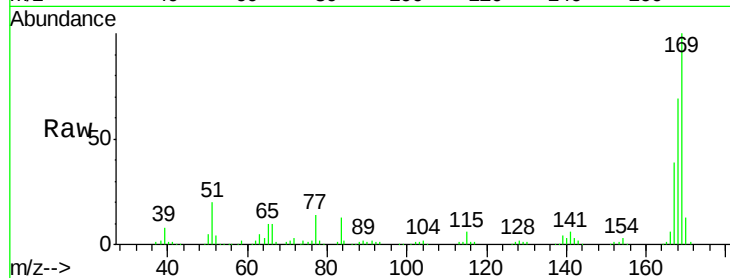
Tot Ion:169 Resp: 305072

Ion Ratio Lower Upper

169 100

168 69.3 55.3 82.9

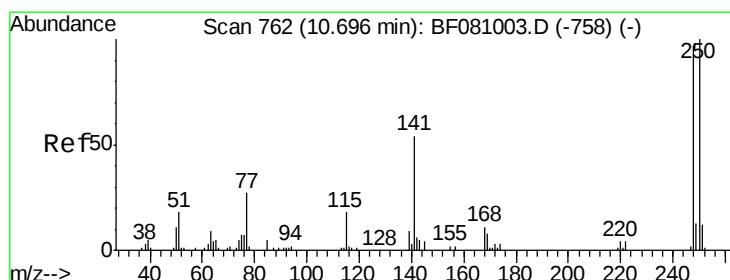
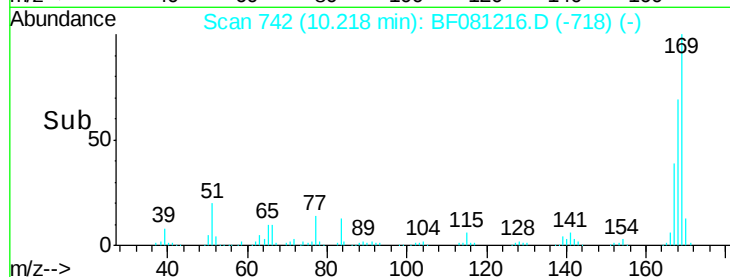
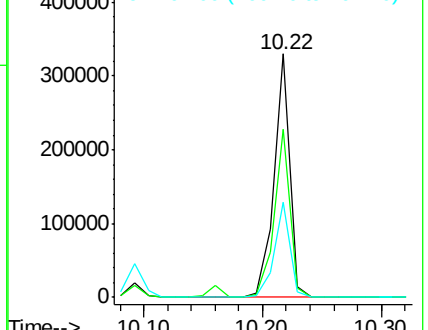
167 39.2 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.92 ng

RT: 10.58 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

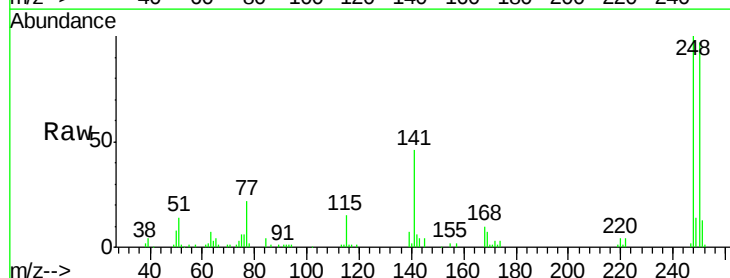
Tgt Ion:248 Resp: 87033

Ion Ratio Lower Upper

248 100

250 97.0 77.8 116.6

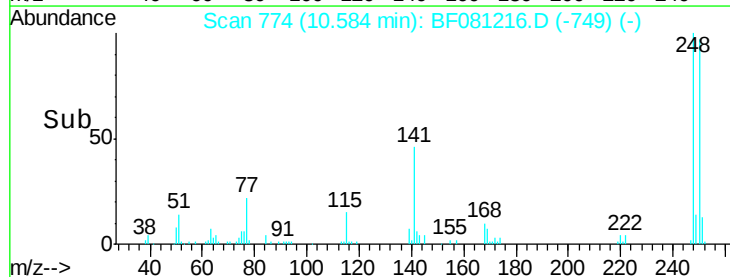
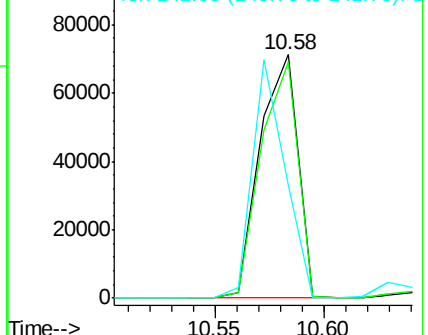
141 46.5 39.8 59.6

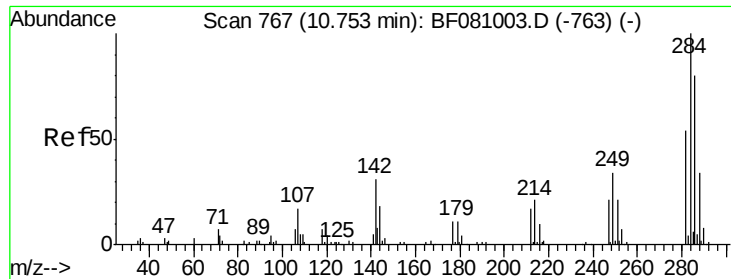


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

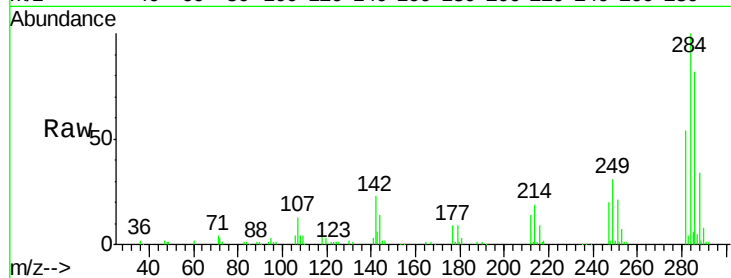




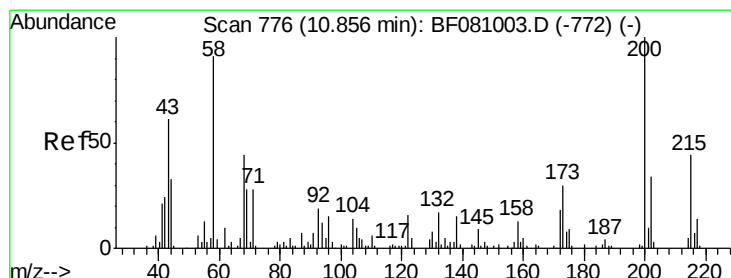
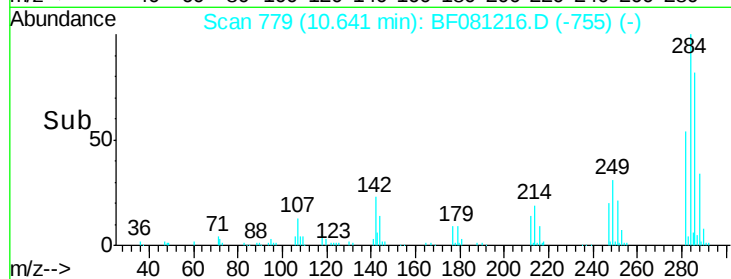
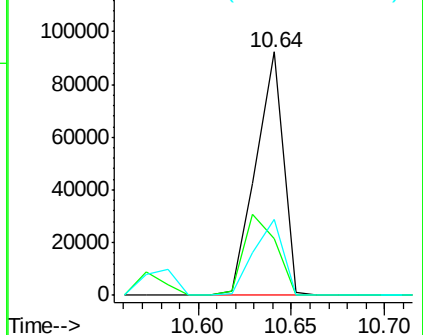
#67
Hexachlorobenzene
Concen: 43.76 ng
RT: 10.64 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 94260
Ion Ratio Lower Upper
284 100
142 23.4 25.4 38.0#
249 31.1 28.5 42.7

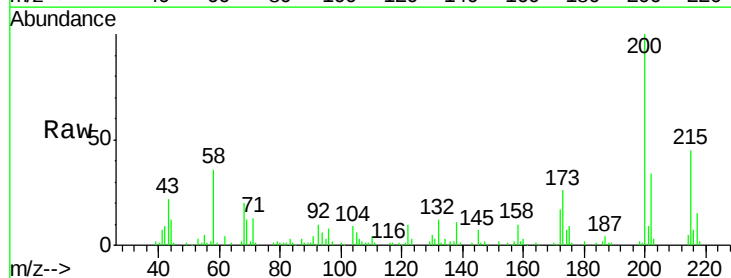


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

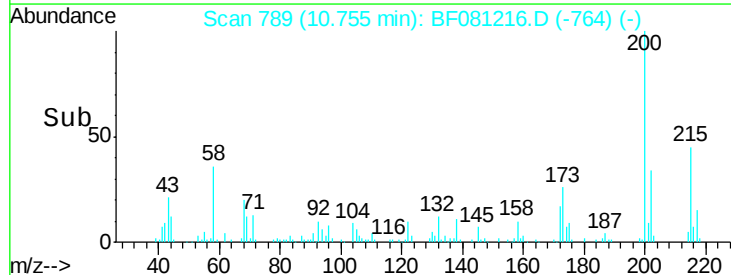
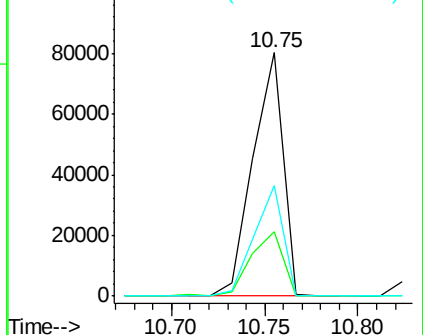


#68
Atrazine
Concen: 41.51 ng
RT: 10.75 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:200 Resp: 89377
Ion Ratio Lower Upper
200 100
173 26.2 8.1 48.1
215 45.5 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

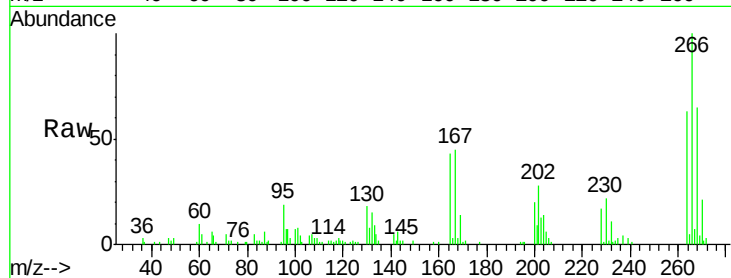




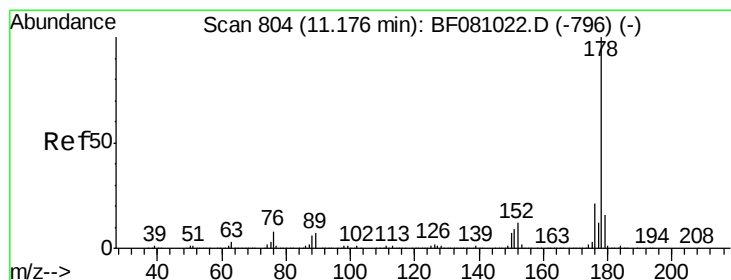
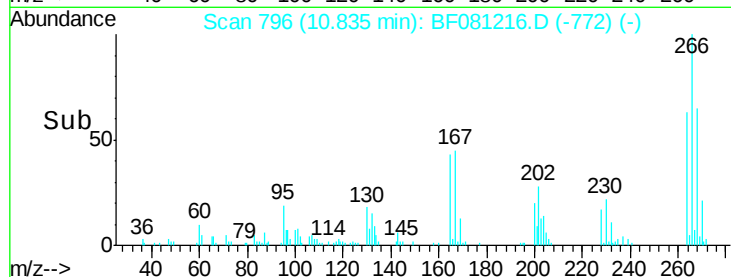
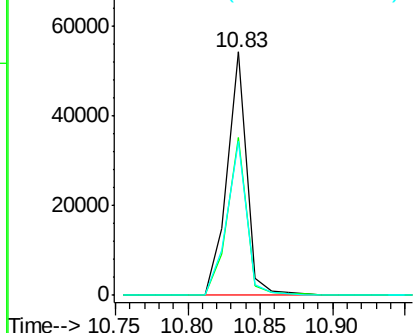
#69
 Pentachlorophenol
 Concen: 39.77 ng
 RT: 10.83 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 51402
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.2 76.8
 264 63.3 50.6 75.8

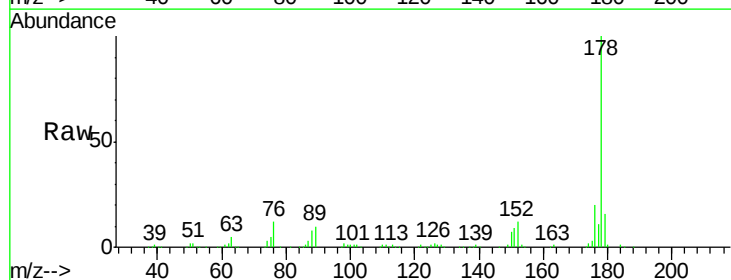


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

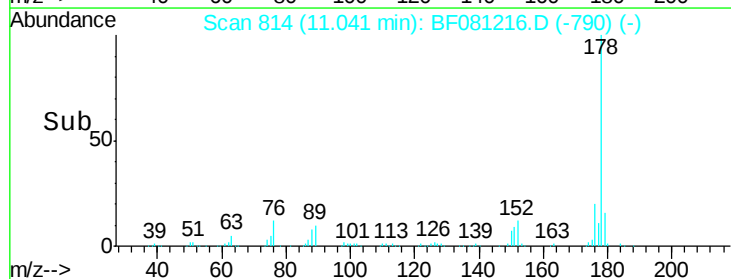
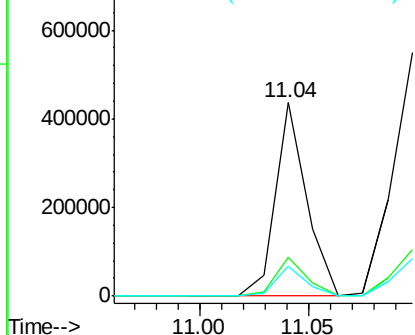


#70
 Phenanthrene
 Concen: 34.14 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion:178 Resp: 438111
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 15.7 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: 43.12 ng

RT: 11.10 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

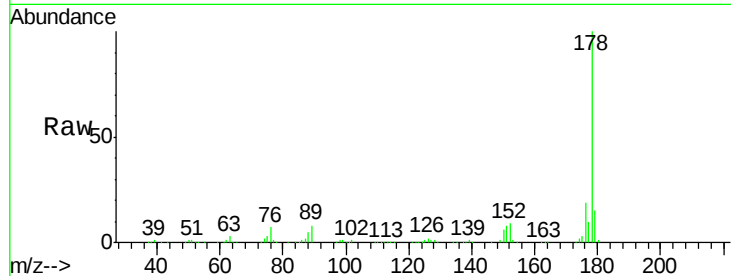
Tot Ion:178 Resp: 538419

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

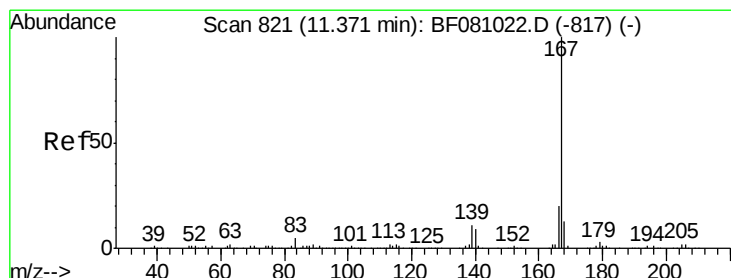
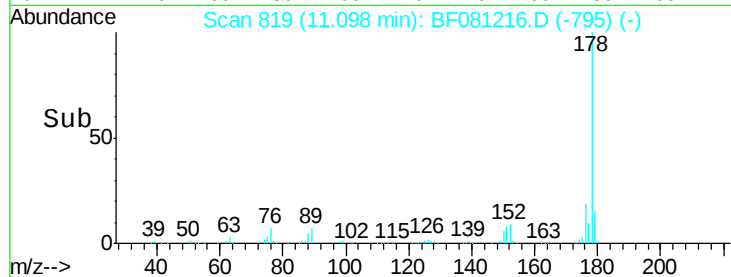
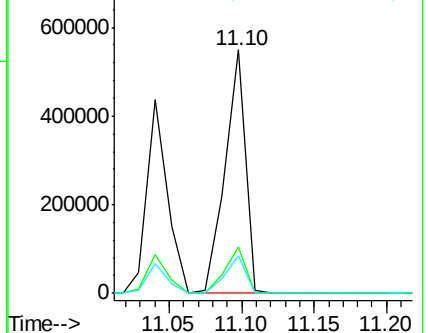
179 15.4 12.7 19.1



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: 42.68 ng

RT: 11.26 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

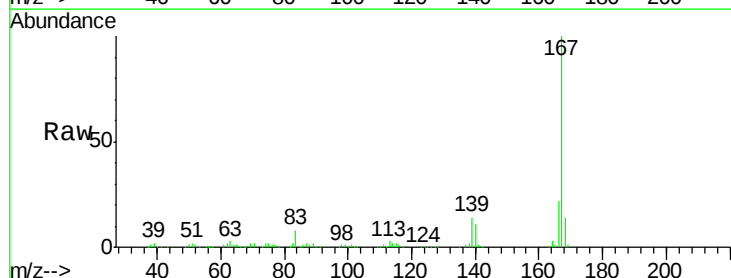
Tgt Ion:167 Resp: 513093

Ion Ratio Lower Upper

167 100

166 21.5 17.4 26.0

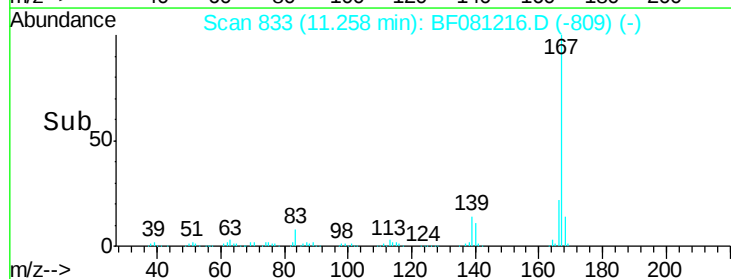
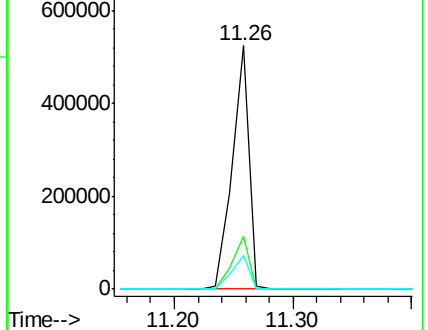
139 13.6 10.6 16.0

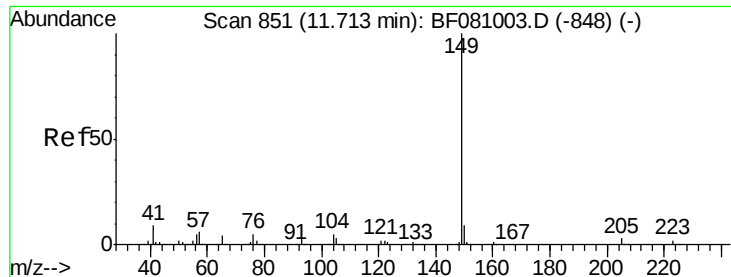


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.48 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

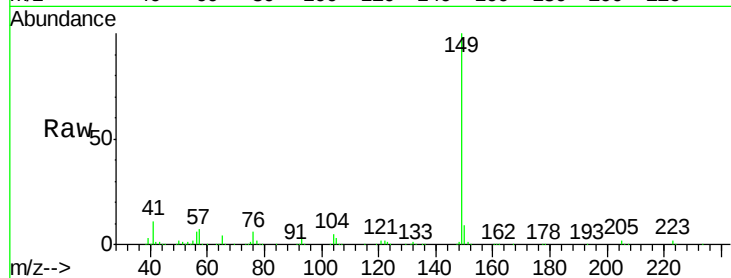
Tot Ion:149 Resp: 545234

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

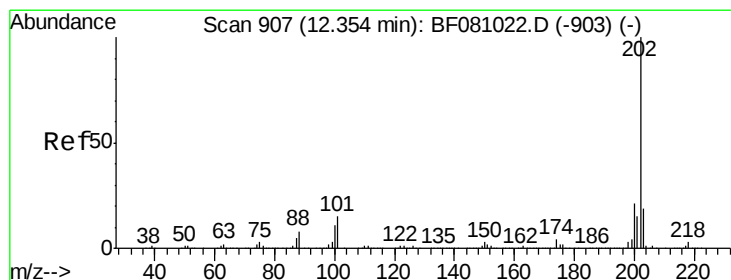
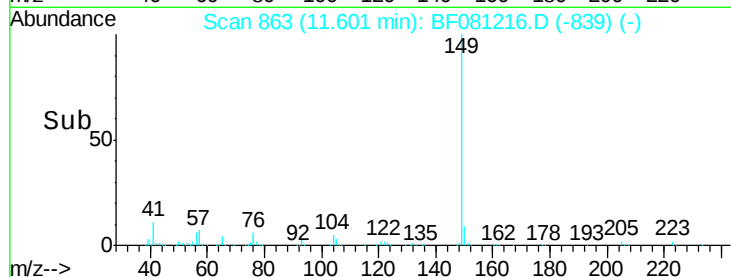
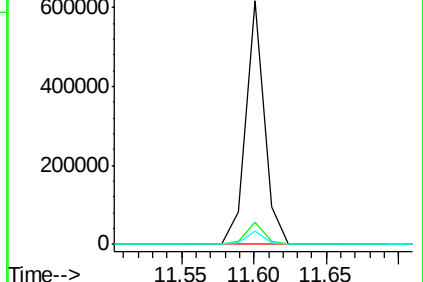
104 5.5 3.9 5.9



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: 36.61 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

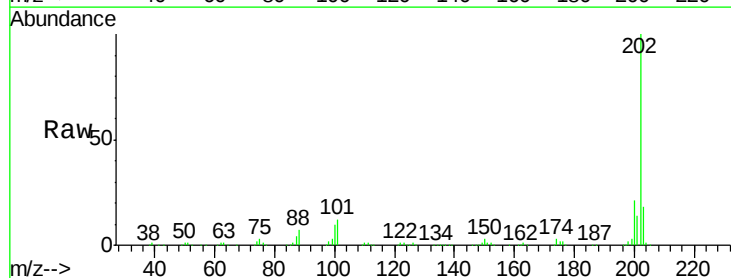
Tgt Ion:202 Resp: 506905

Ion Ratio Lower Upper

202 100

101 12.1 0.0 24.8

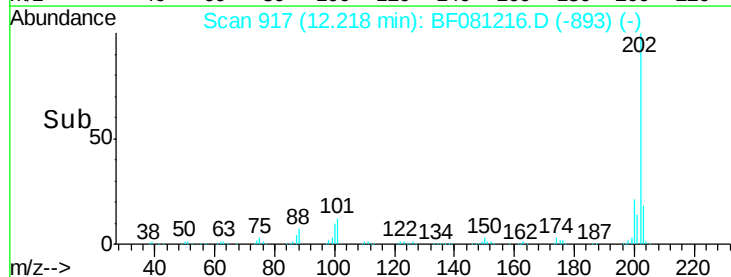
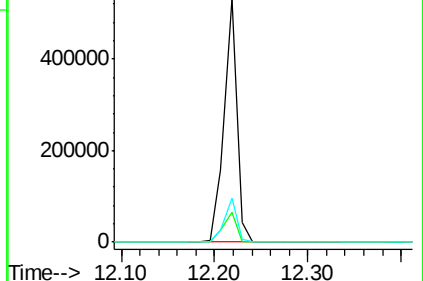
203 17.9 0.0 36.9



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

Chrvsene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

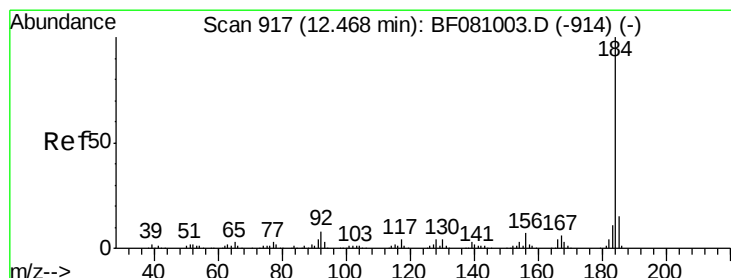
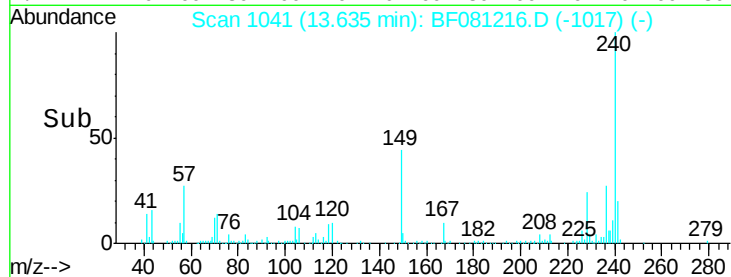
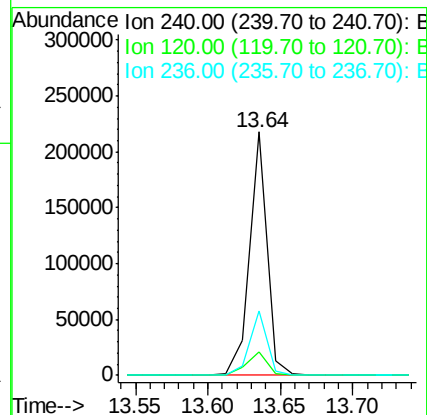
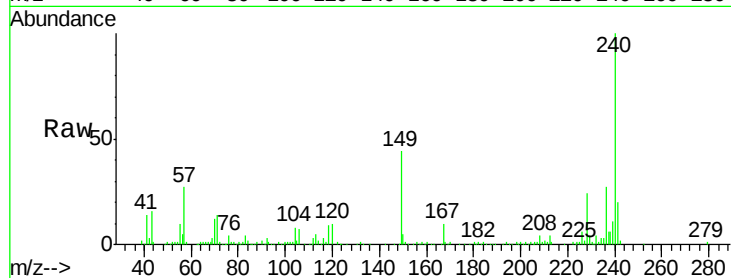
Tot Ion:240 Resp: 181259

Ion Ratio Lower Upper

240 100

120 9.9 5.6 8.4#

236 26.6 20.6 30.8



#76

Benzidine

Concen: 31.05 ng

RT: 12.36 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

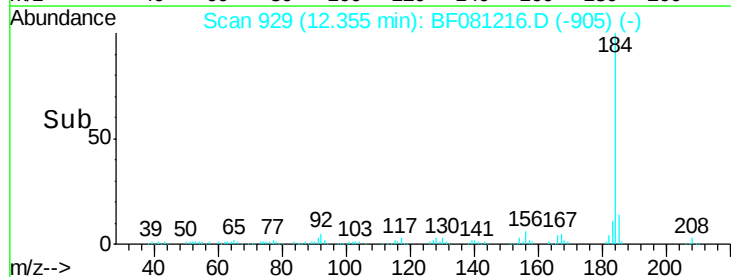
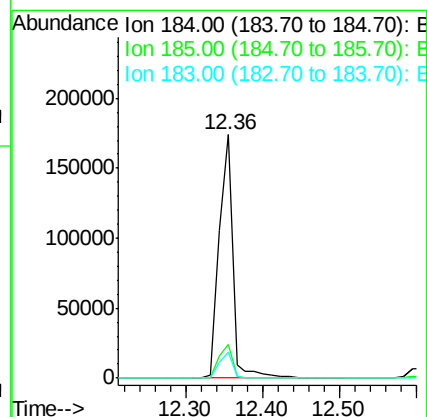
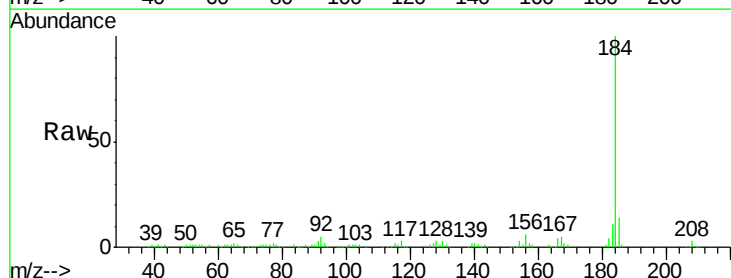
Tgt Ion:184 Resp: 212583

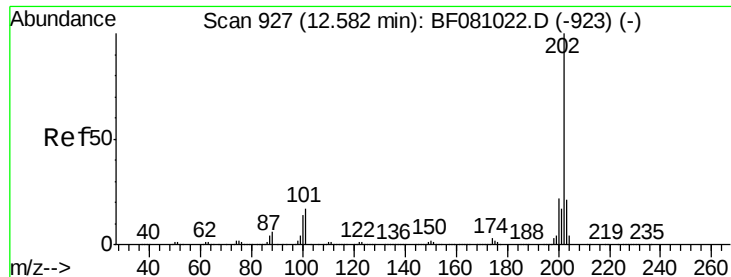
Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

183 10.6 8.9 13.3





#77

Pvrene

Concen: 38.83 ng

RT: 12.45 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

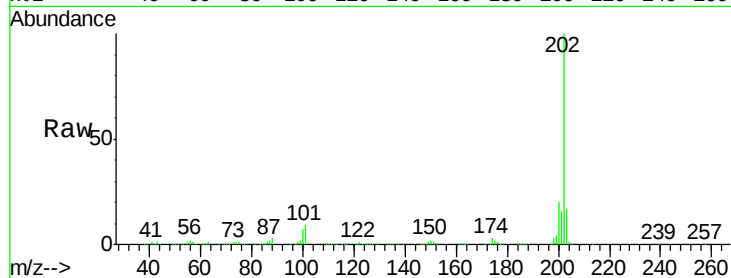
Tot Ion:202 Resp: 572107

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

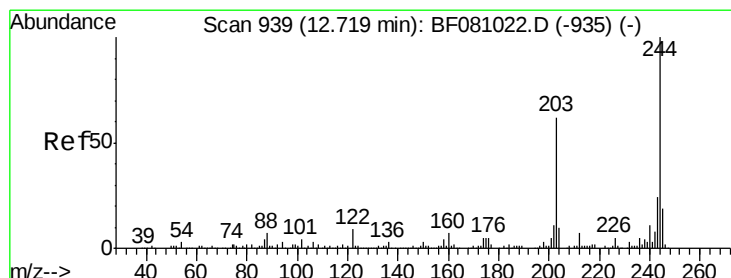
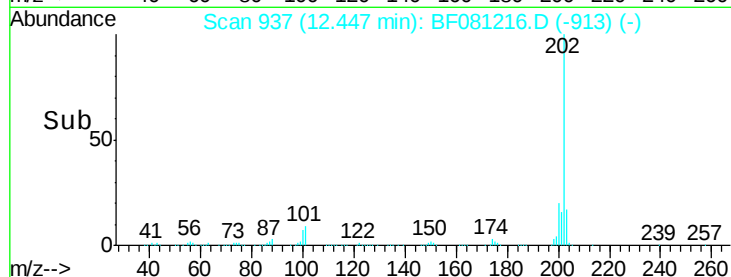
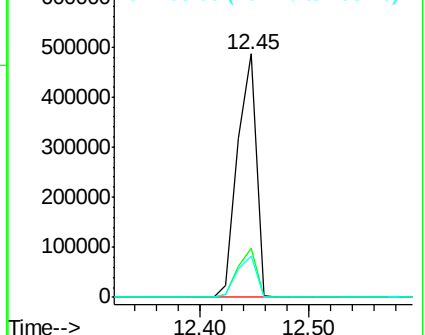
203 17.1 14.1 21.1



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: 78.90 ng

RT: 12.61 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

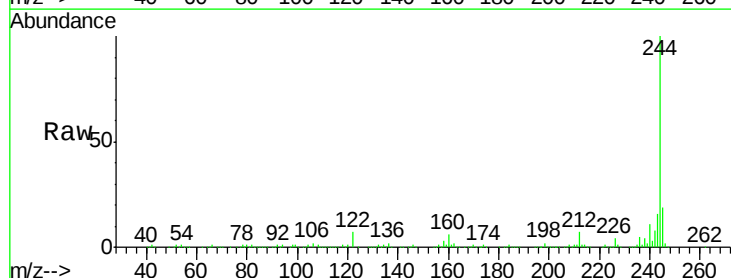
Tgt Ion:244 Resp: 667092

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

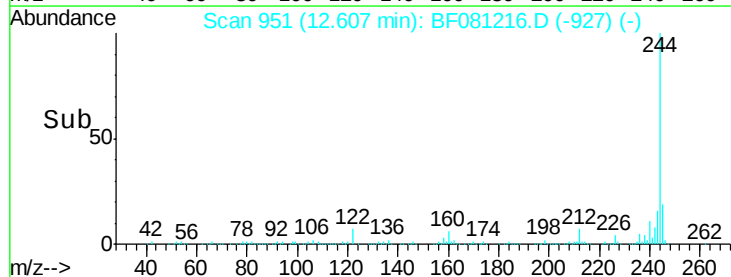
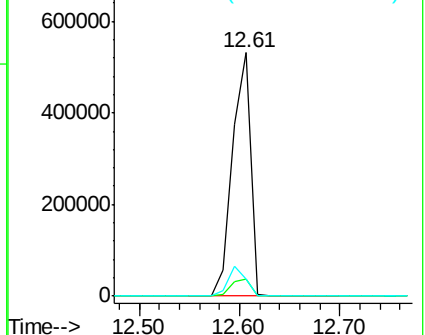
122 6.9 8.2 12.4#

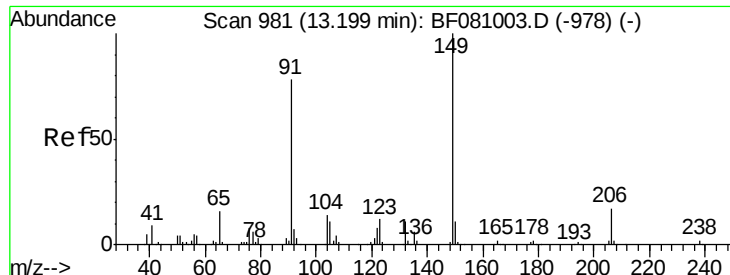


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

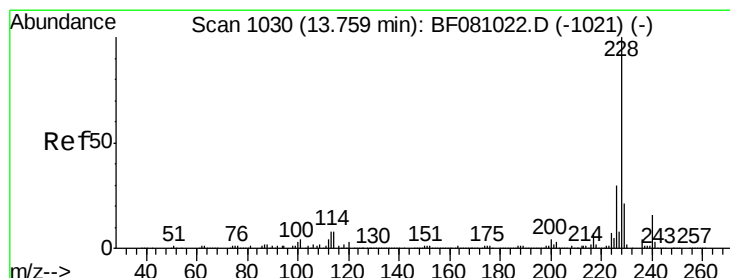
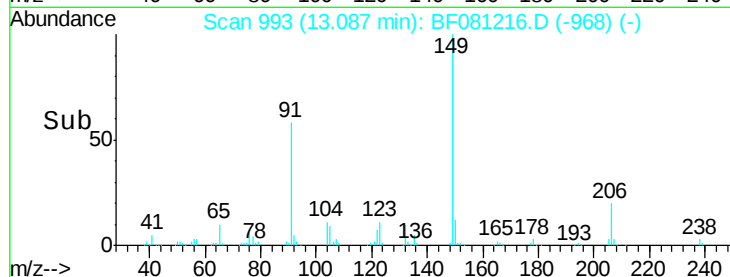
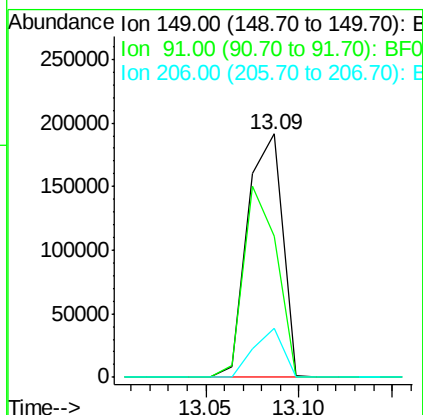
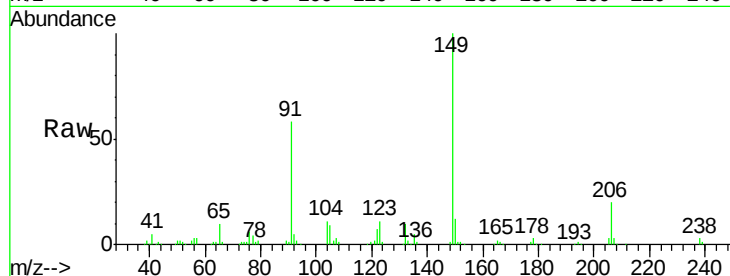




#79
Butylbenzylphthalate
Concen: 39.13 ng
RT: 13.09 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

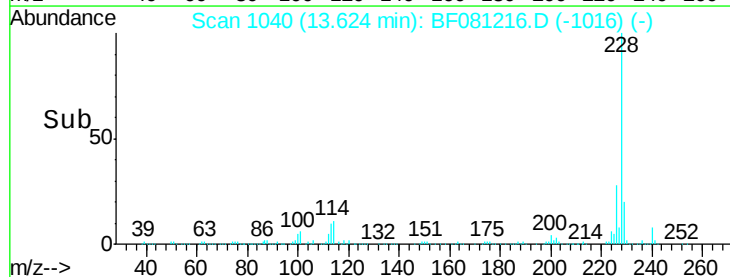
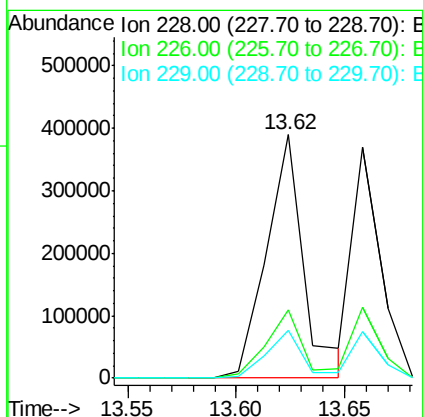
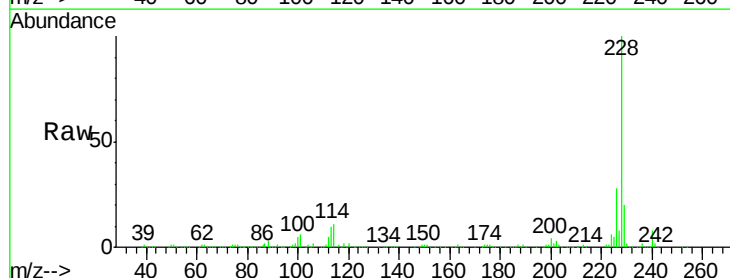
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 247813
Ion Ratio Lower Upper
149 100
91 57.9 46.9 70.3
206 20.2 17.0 25.4



#80
Benzo(a)anthracene
Concen: 38.53 ng
RT: 13.62 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:228 Resp: 468421
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 19.6 15.9 23.9

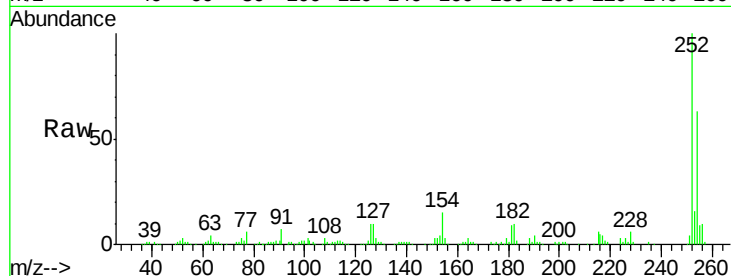




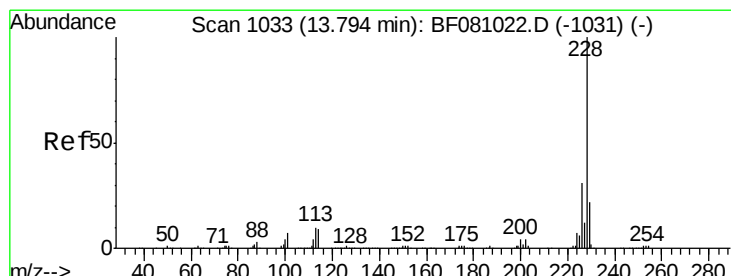
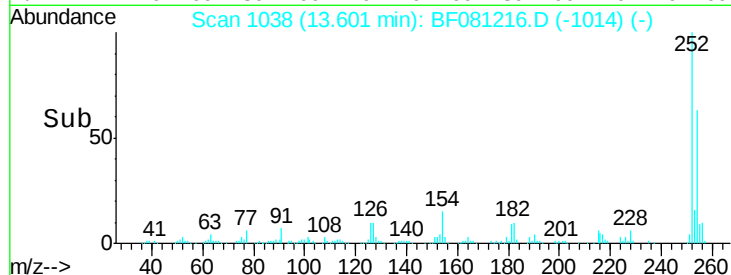
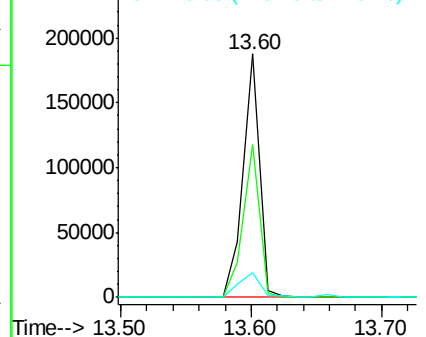
#81
 3,3'-Dichlorobenzidine
 Concen: 41.40 ng
 RT: 13.60 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	51.5	77.3
126	10.3	12.5	18.7#

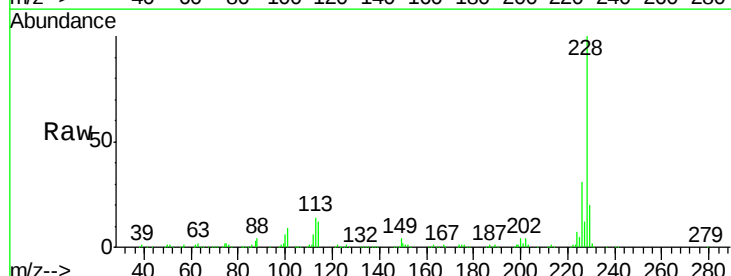


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

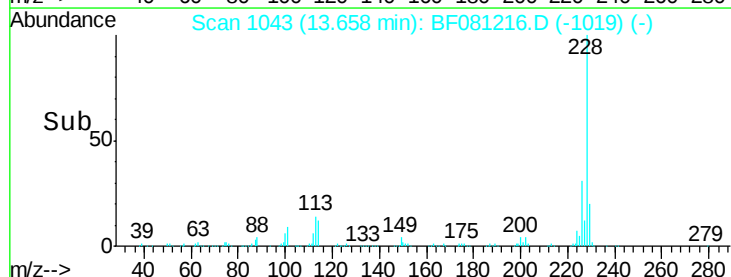
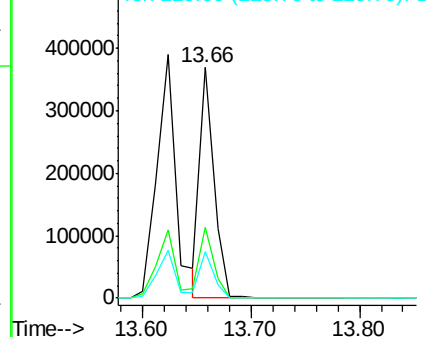


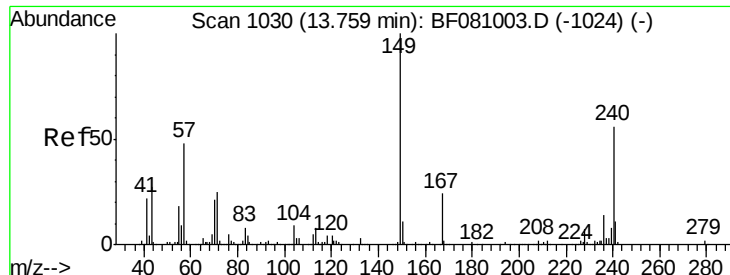
#82
 Chrysene
 Concen: 30.70 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.3	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.85 ng

RT: 13.65 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

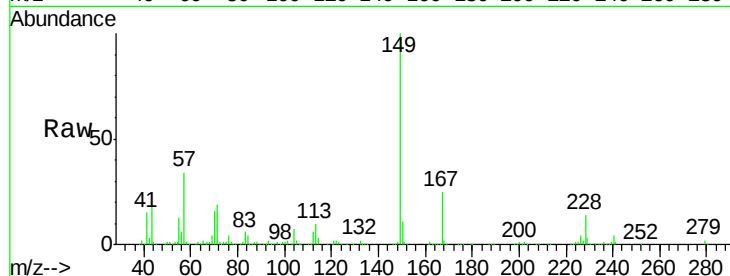
Tot Ion:149 Resp: 323313

Ion Ratio Lower Upper

149 100

167 25.1 20.7 31.1

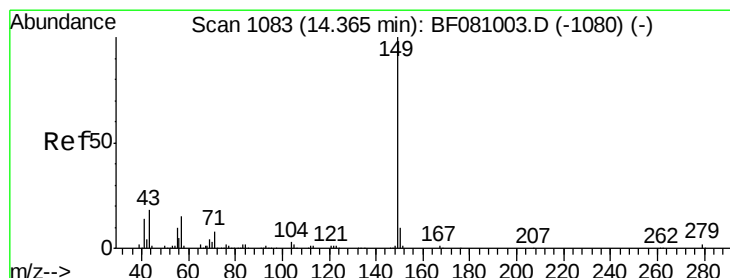
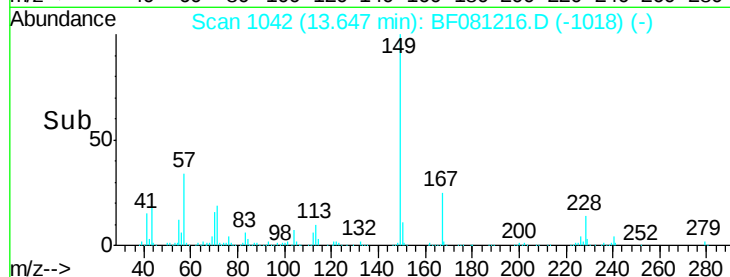
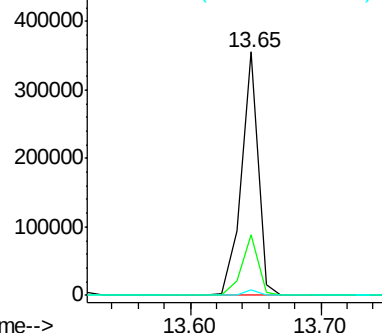
279 2.3 2.2 3.4



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: 41.93 ng

RT: 14.25 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

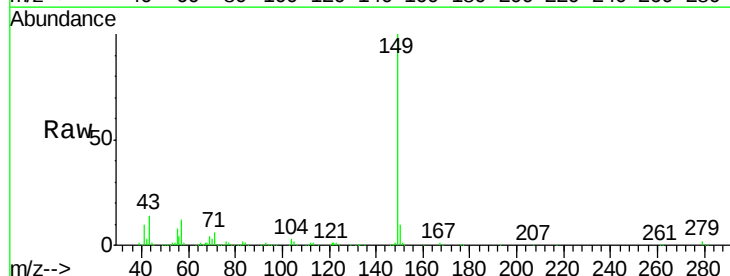
Tgt Ion:149 Resp: 517036

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

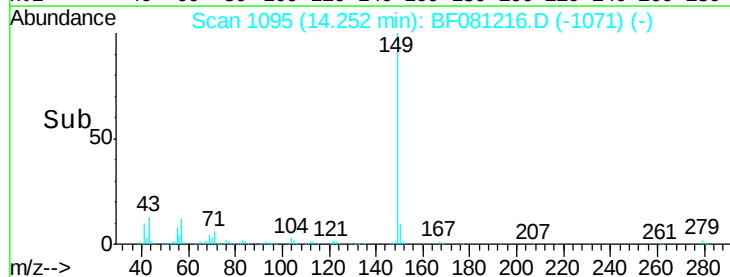
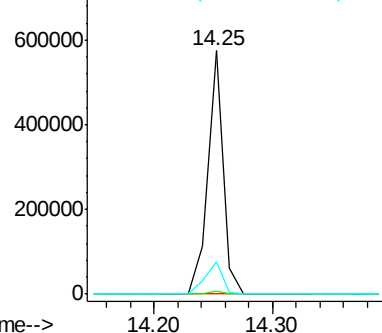
43 14.9 11.6 17.4

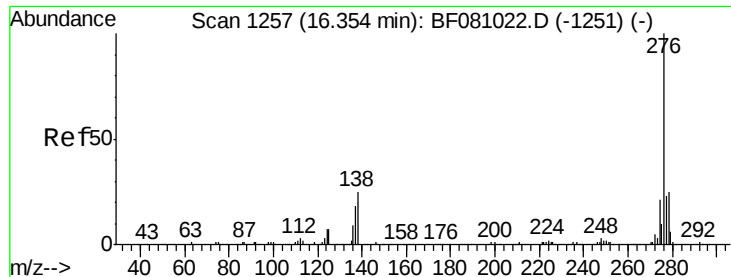


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

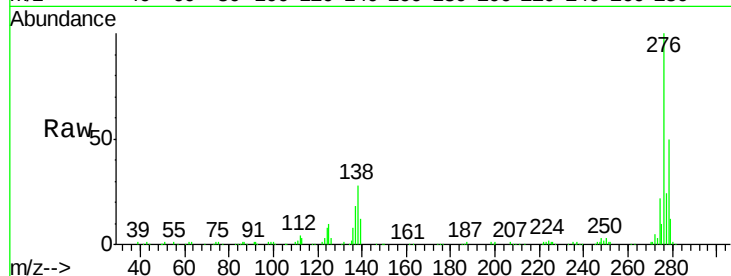




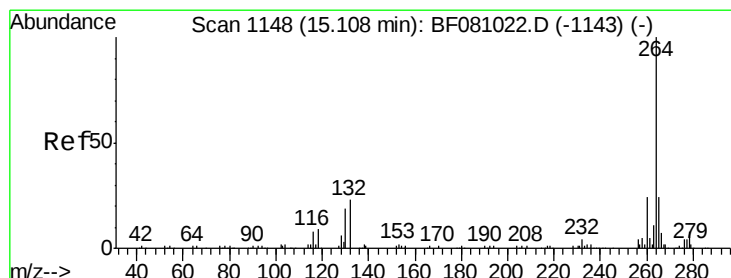
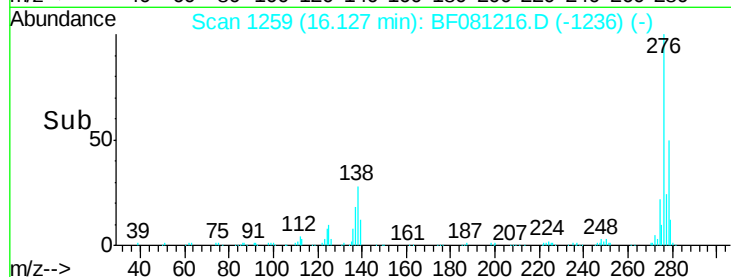
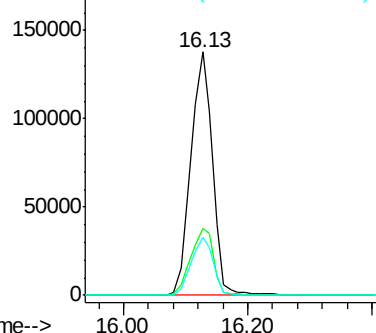
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.85 ng
 RT: 16.13 min Scan# 1259
 Delta R.T. -0.04 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	18.6	28.0#
277	24.2	19.8	29.8

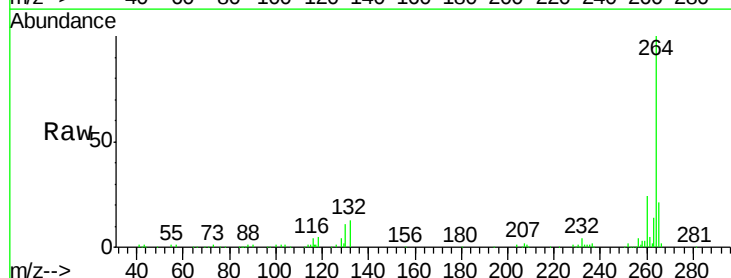


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

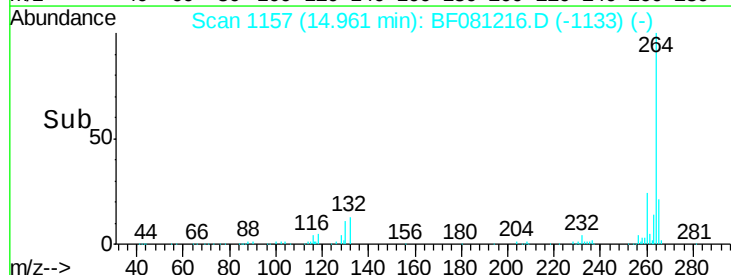
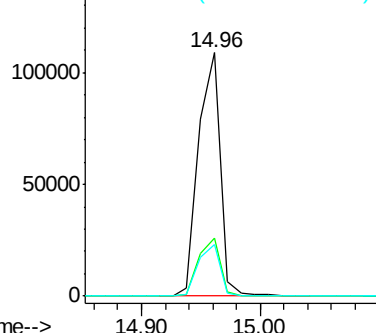


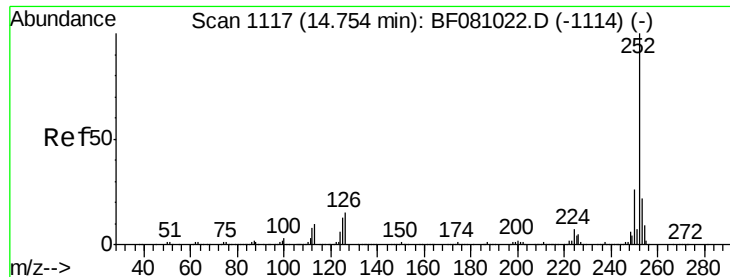
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.0	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 75.67 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

Instrument :

BNA_F

ClientSampleId :

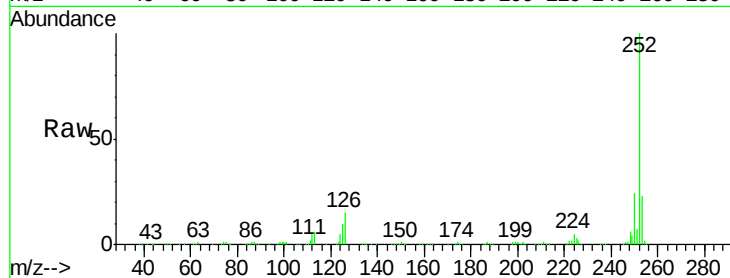
Tot Ion:252 Resp: 738317

Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

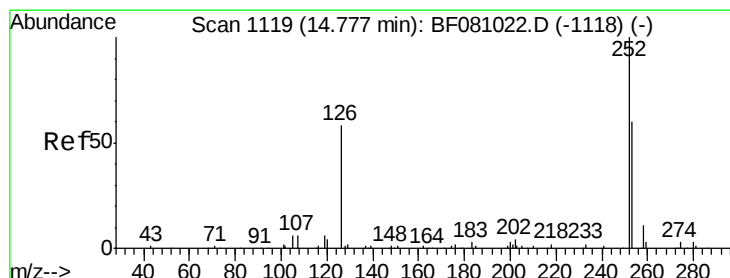
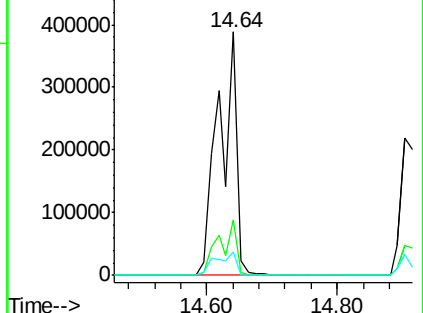
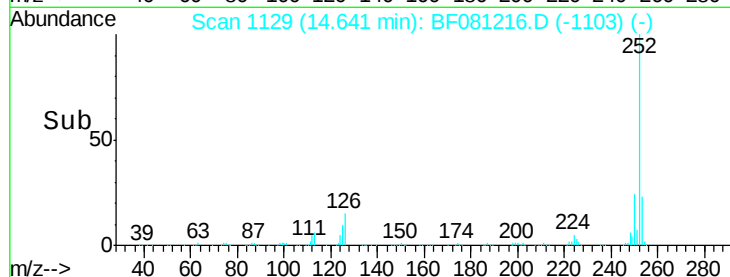
125 9.9 8.0 12.0



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: 81.21 ng

RT: 14.64 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF081216.D

Acq: 26 Aug 2015 17:00

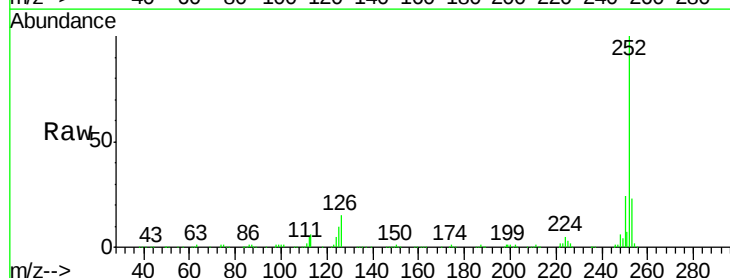
Tgt Ion:252 Resp: 738317

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

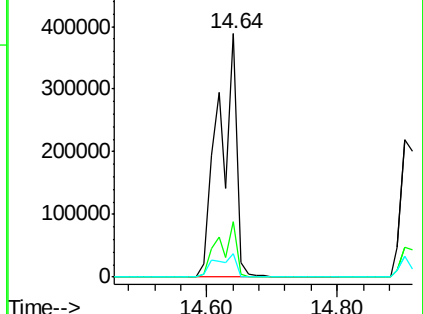
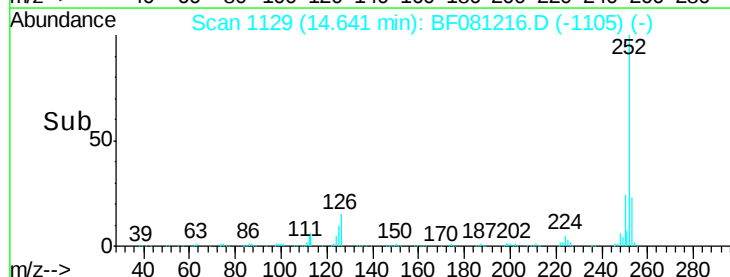
125 9.9 10.3 15.5#

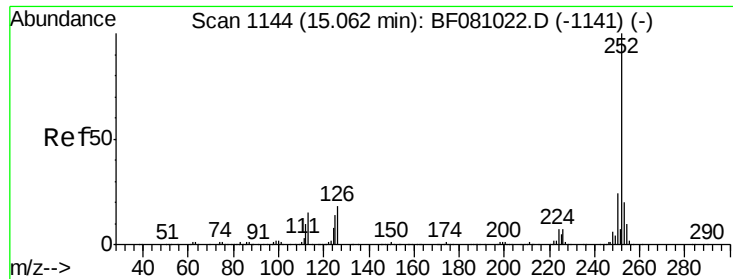


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

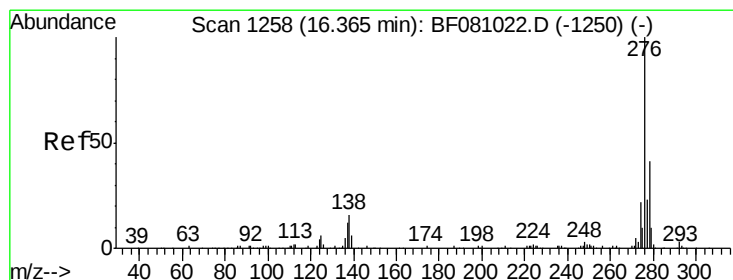
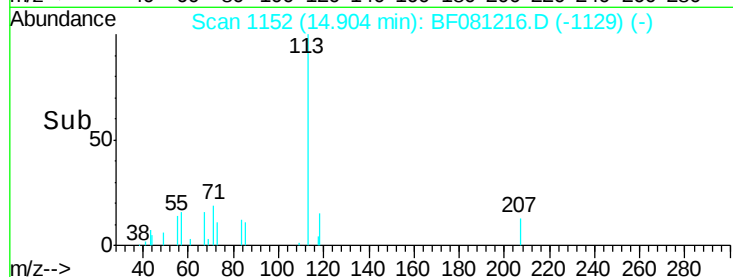
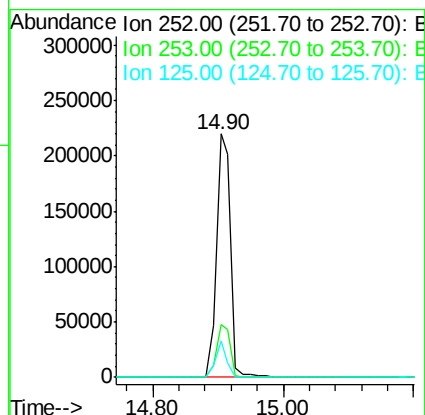
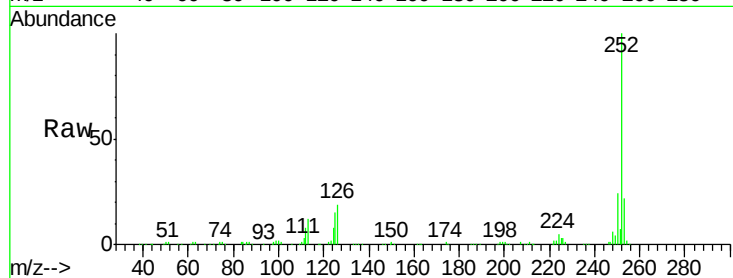




#89
Benzo(a)pyrene
Concen: 39.45 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

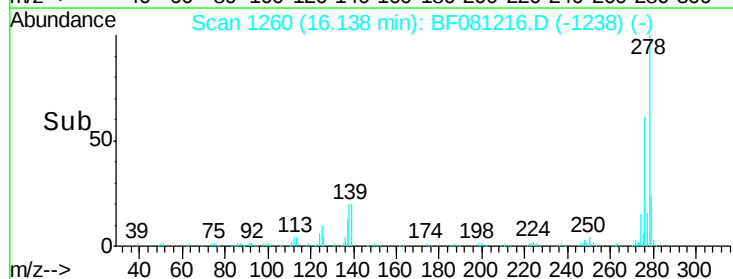
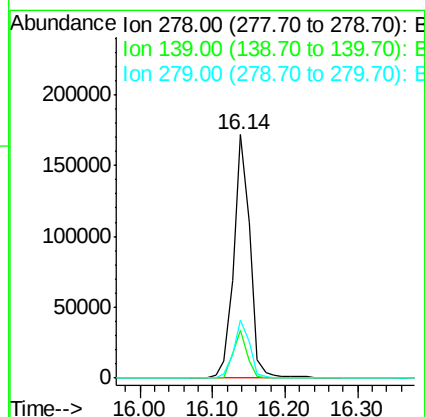
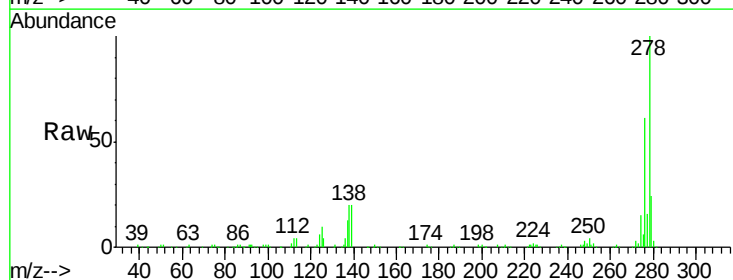
Instrument :
BNA_F
ClientSampled :

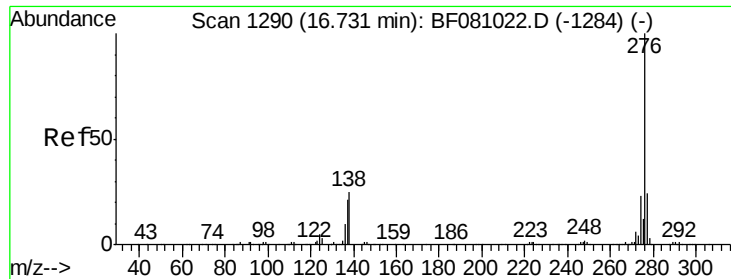
Tot Ion:252 Resp: 335429
Ion Ratio Lower Upper
252 100
253 21.9 16.6 25.0
125 14.8 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 40.41 ng
RT: 16.14 min Scan# 1260
Delta R.T. -0.05 min
Lab File: BF081216.D
Acq: 26 Aug 2015 17:00

Tgt Ion:278 Resp: 267691
Ion Ratio Lower Upper
278 100
139 19.7 10.8 16.2#
279 23.7 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.82 ng
 RT: 16.47 min Scan# 1289
 Delta R.T. -0.05 min
 Lab File: BF081216.D
 Acq: 26 Aug 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.2	27.2
138	27.1	13.7	20.5

