

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081160.D
 Acq On : 21 Aug 2015 22:52
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:33:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	60725	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	239610	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	118573	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	226241	20.00	ng	0.00
75) Chrysene-d12	13.67	240	151778	20.00	ng	0.00
86) Perylene-d12	15.00	264	123650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	323300	80.08	ng	0.01
7) Phenol-d6	6.21	99	405851	77.05	ng	0.00
23) Nitrobenzene-d5	7.13	82	414535	79.03	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	75585	73.54	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	727072	80.34	ng	0.00
78) Terphenyl-d14	12.64	244	677016	95.63	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	71402	37.53	ng	92
3) Pyridine	2.56	79	192378	35.83	ng	# 79
4) n-Nitrosodimethylamine	2.52	42	117138	39.18	ng	# 79
6) Aniline	6.22	93	292276	38.16	ng	# 54
8) 2-Chlorophenol	6.34	128	183370	41.49	ng	# 83
9) Benzaldehyde	6.09	77	132411	38.99	ng	99
10) Phenol	6.22	94	215494	34.64	ng	# 73
11) bis(2-Chloroethyl)ether	6.31	93	198331	41.55	ng	94
12) 1,3-Dichlorobenzene	6.73	146	179749	37.86	ng	96
13) 1,4-Dichlorobenzene	6.57	146	186991	39.77	ng	94
14) 1,2-Dichlorobenzene	6.73	146	180109	40.93	ng	91
15) Benzyl Alcohol	6.71	79	163211	38.29	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	383067	40.84	ng	98
17) 2-Methylphenol	6.84	107	150103	39.59	ng	96
18) Hexachloroethane	7.06	117	66913	35.22	ng	# 90
19) n-Nitroso-di-n-propylamine	7.00	70	156813	42.97	ng	89
20) 3+4-Methylphenols	7.00	107	200166	41.59	ng	# 45
22) Acetophenone	6.98	105	274437	43.63	ng	# 85
24) Nitrobenzene	7.16	77	226946	41.38	ng	# 87
25) Isophorone	7.40	82	399695	40.86	ng	97
26) 2-Nitrophenol	7.46	139	82835	36.32	ng	86
27) 2,4-Dimethylphenol	7.52	122	171045	42.39	ng	95
28) bis(2-Chloroethoxy)methane	7.61	93	223894	38.75	ng	100
29) 2,4-Dichlorophenol	7.72	162	151924	44.72	ng	97
30) 1,2,4-Trichlorobenzene	7.80	180	158524	41.99	ng	99
31) Naphthalene	7.86	128	500117	37.44	ng	99
32) Benzoic acid	7.66	122	95395	42.03	ng	93
33) 4-Chloroaniline	7.92	127	207871	36.89	ng	99
34) Hexachlorobutadiene	7.99	225	87223	40.85	ng	99
35) Caprolactam	8.31	113	47583	40.08	ng	# 84
36) 4-Chloro-3-methylphenol	8.41	107	159021	39.28	ng	95
37) 2-Methylnaphthalene	8.56	142	353832	41.94	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	139490	36.46	ng	97
40) Hexachlorocyclopentadiene	8.71	237	21258	10.74	ng	96

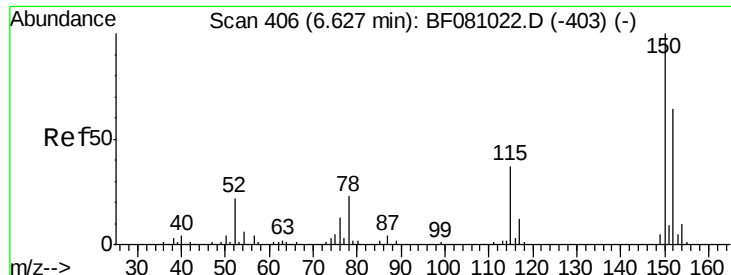
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081160.D
 Acq On : 21 Aug 2015 22:52
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:33:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	98222	36.34	nq	100
43) 2,4,5-Trichlorophenol	8.88	196	114150	42.26	nq	96
45) 1,1'-Biphenyl	9.02	154	372030	35.62	nq	95
46) 2-Chloronaphthalene	9.04	162	333129	39.70	nq	96
47) 2-Nitroaniline	9.14	65	152577	44.44	nq	# 86
48) Acenaphthylene	9.45	152	588672	39.22	nq	98
49) Dimethylphthalate	9.34	163	383341	39.26	nq	99
50) 2,6-Dinitrotoluene	9.38	165	74168	35.38	nq	# 53
51) Acenaphthene	9.62	154	339423	37.77	nq	99
52) 3-Nitroaniline	9.56	138	116203	44.29	nq	86
53) 2,4-Dinitrophenol	9.66	184	6508	9.19	nq	# 71
54) Dibenzofuran	9.80	168	458748	38.10	nq	99
55) 4-Nitrophenol	9.73	139	76846	41.70	nq	# 57
56) 2,4-Dinitrotoluene	9.78	165	90586	32.60	nq	# 63
57) Fluorene	10.13	166	321232	34.68	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.88	232	88828	42.49	nq	91
59) Diethylphthalate	10.02	149	383956	37.15	nq	98
60) 4-Chlorophenyl-phenylether	10.13	204	147565	37.65	nq	96
61) 4-Nitroaniline	10.16	138	104973	39.15	nq	93
62) Azobenzene	10.29	77	476958	40.05	nq	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	12420	9.19	nq	# 47
65) n-Nitrosodiphenylamine	10.25	169	338981	41.97	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	94837	42.67	nq	93
67) Hexachlorobenzene	10.68	284	98327	43.68	nq	95
68) Atrazine	10.78	200	88797	39.46	nq	96
69) Pentachlorophenol	10.87	266	52686	39.01	nq	96
70) Phenanthrene	11.08	178	473602	35.32	nq	100
71) Anthracene	11.13	178	545138	41.78	nq	99
72) Carbazole	11.29	167	527477	41.99	nq	100
73) Di-n-butylphthalate	11.64	149	627153	41.26	nq	99
74) Fluoranthene	12.25	202	477498	33.00	nq	93
76) Benzidine	12.39	184	282230	49.22	nq	99
77) Pyrene	12.48	202	554673	44.95	nq	100
79) Butylbenzylphthalate	13.12	149	257550	48.56	nq	98
80) Benzo(a)anthracene	13.66	228	407546	40.04	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	149771	45.43	nq	# 96
82) Chrysene	13.69	228	306454	33.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	367159	54.05	nq	100
84) Di-n-octyl phthalate	14.29	149	569878	55.19	nq	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	303607	47.14	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	650121	74.33	nq	98
88) Benzo(k)fluoranthene	14.68	252	650121	79.77	nq	98
89) Benzo(a)pyrene	14.95	252	313648	41.16	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	251745	42.39	nq	# 93
91) Benzo(g,h,i)perylene	16.54	276	225896	37.50	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

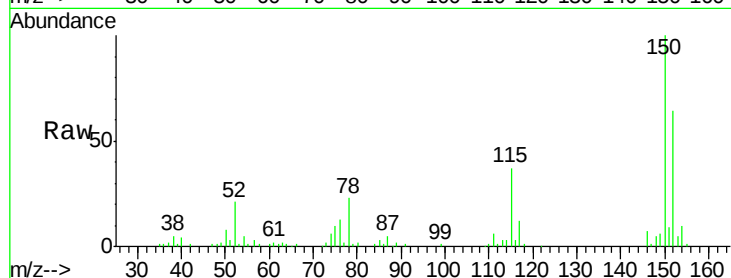
Tot Ion:152 Resp: 60725

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

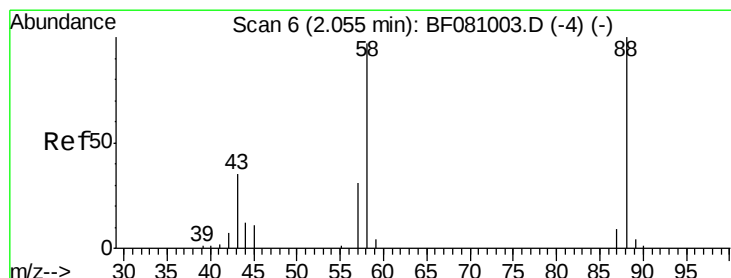
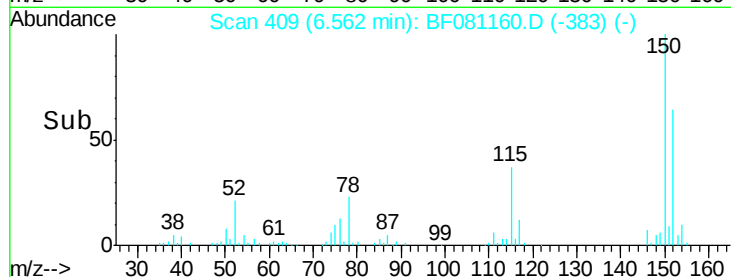
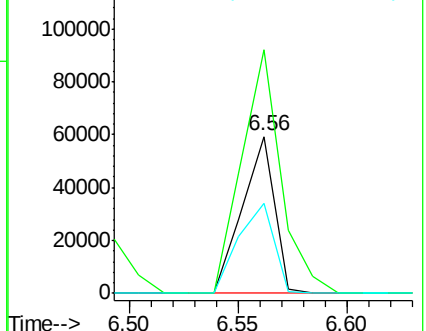
115 57.4 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.53 ng

RT: 1.94 min Scan# 5

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

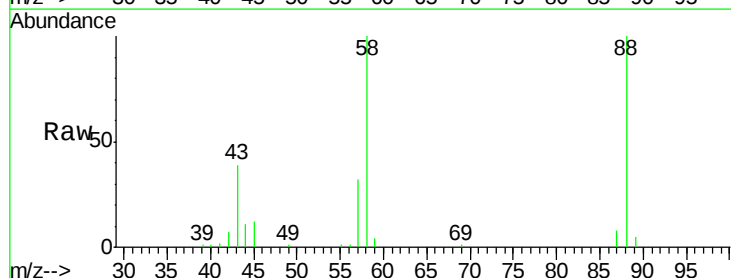
Tgt Ion: 88 Resp: 71402

Ion Ratio Lower Upper

88 100

58 97.1 83.7 125.5

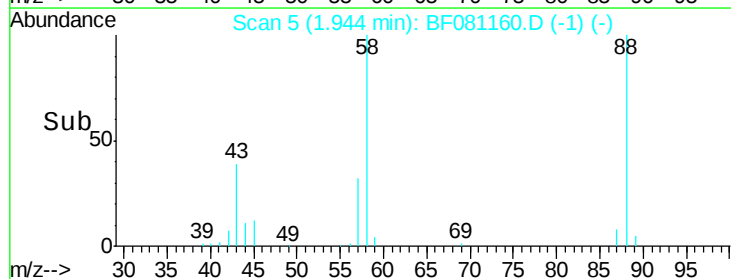
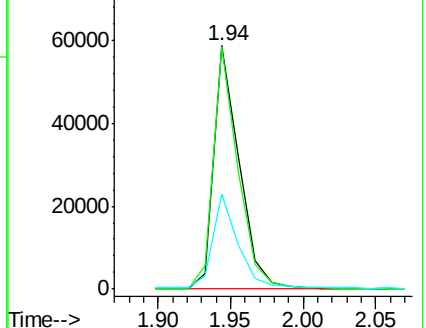
43 41.2 37.5 56.3

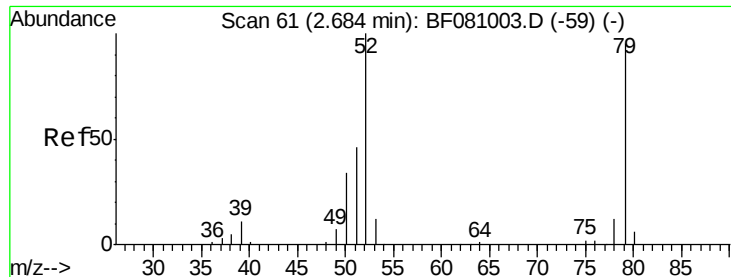


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.83 ng

RT: 2.56 min Scan# 59

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

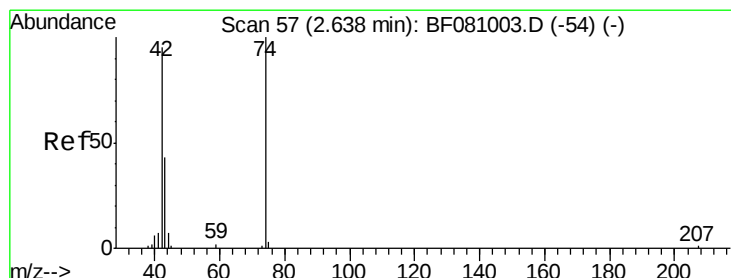
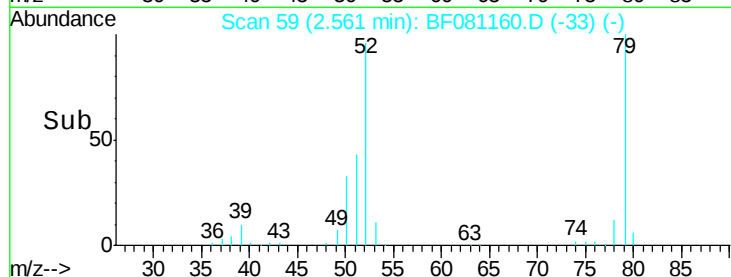
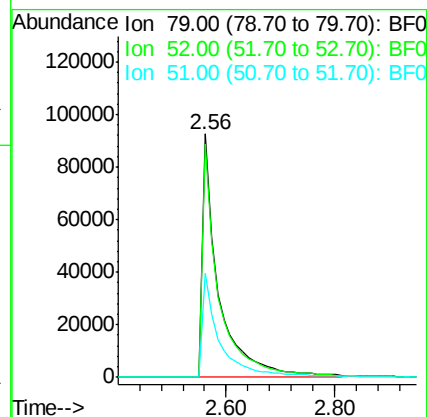
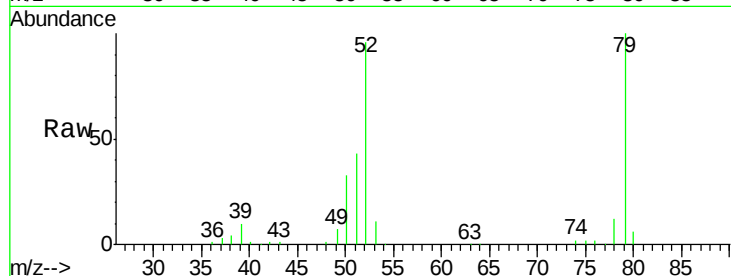
Tot Ion: 79 Resp: 192378

Ion Ratio Lower Upper

79 100

52 96.0 95.1 142.7

51 42.9 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 39.18 ng

RT: 2.52 min Scan# 55

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

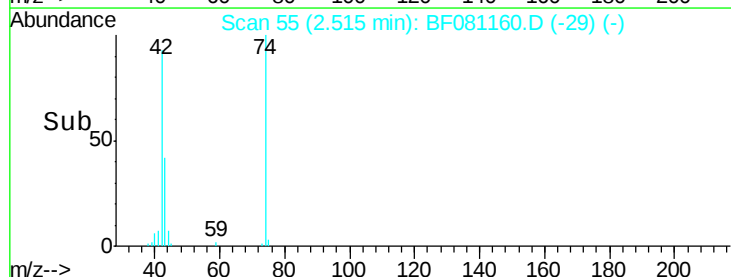
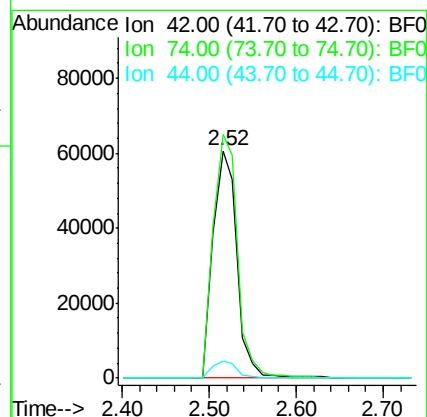
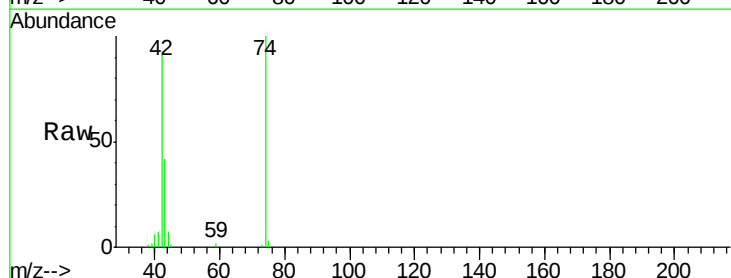
Tgt Ion: 42 Resp: 117138

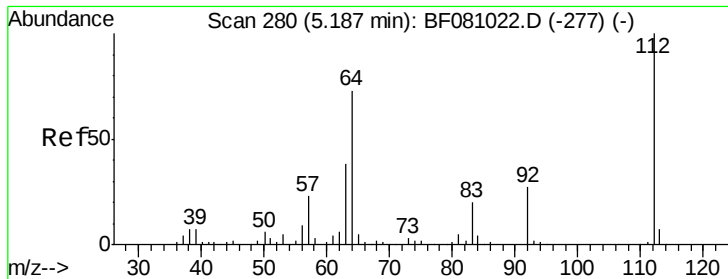
Ion Ratio Lower Upper

42 100

74 107.1 69.3 103.9#

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 80.08 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF081160.D

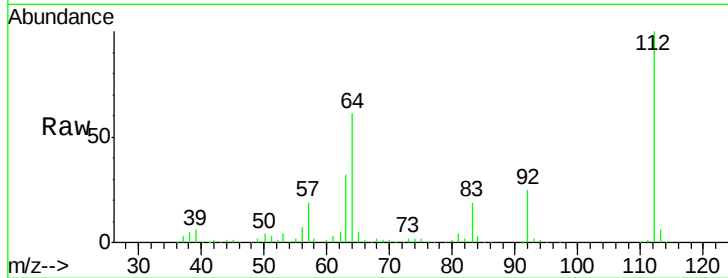
Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

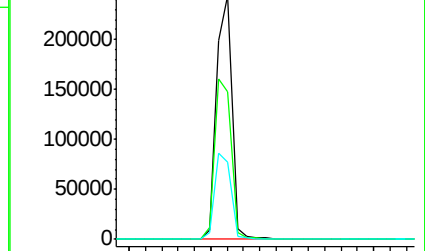
Tot Ion:	112	Resp:	323300
Ion	Ratio	Lower	Upper
112	100		
64	60.9	66.9	100.3#
63	31.9	38.1	57.1#



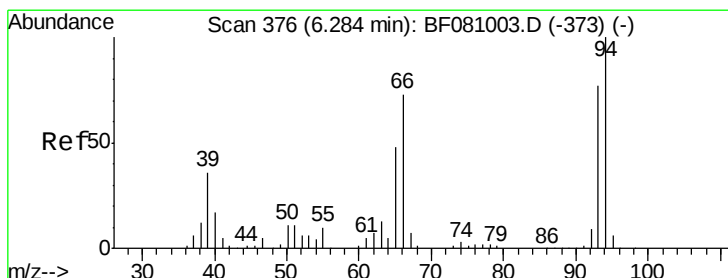
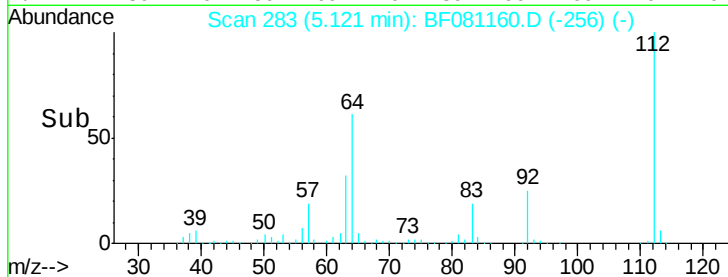
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 38.16 ng

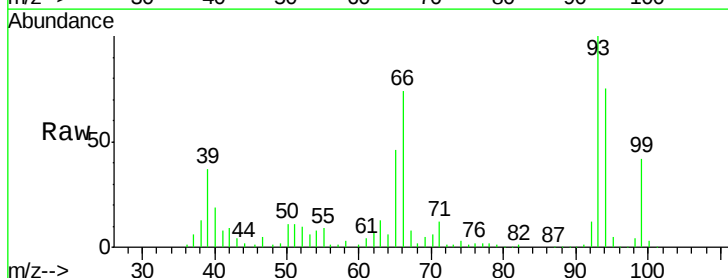
RT: 6.22 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

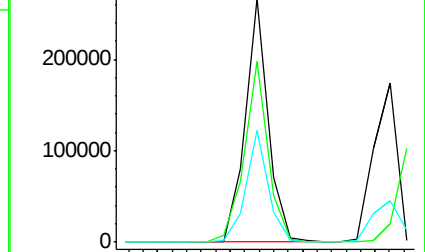
Tgt Ion:	93	Resp:	292276
Ion	Ratio	Lower	Upper
93	100		
66	74.2	35.6	53.4#
65	45.8	18.7	28.1#



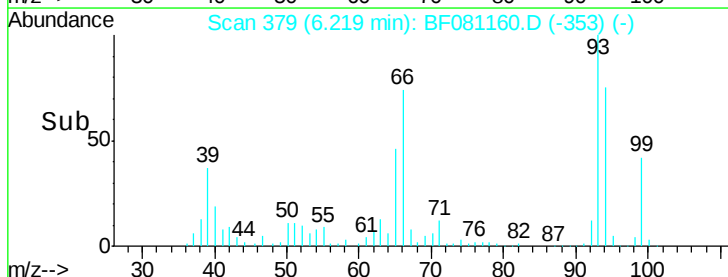
Abundance Ion 93.00 (92.70 to 93.70): BF0

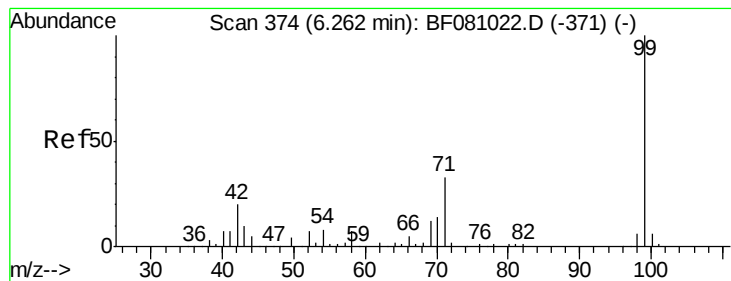
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 77.05 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

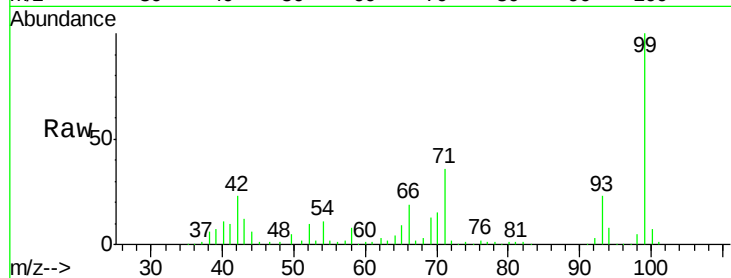
Tot Ion: 99 Resp: 405851

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

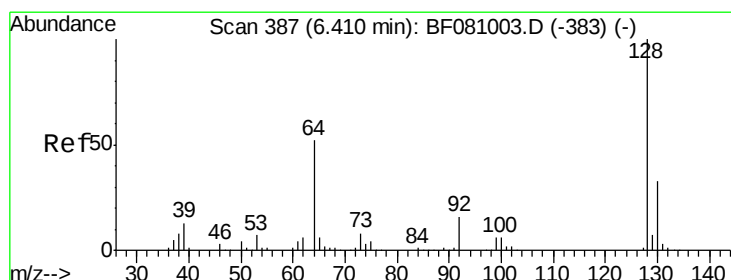
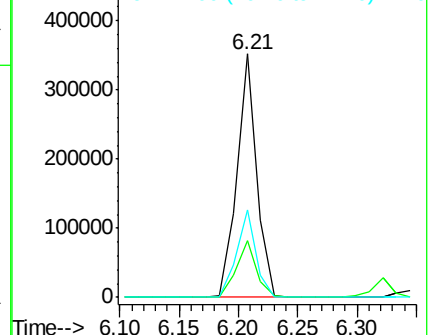
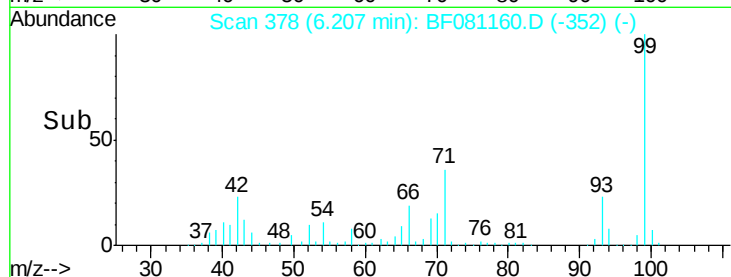
71 35.8 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.49 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

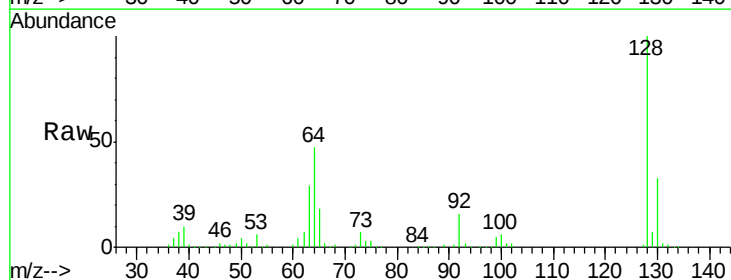
Tgt Ion: 128 Resp: 183370

Ion Ratio Lower Upper

128 100

130 33.0 12.5 52.5

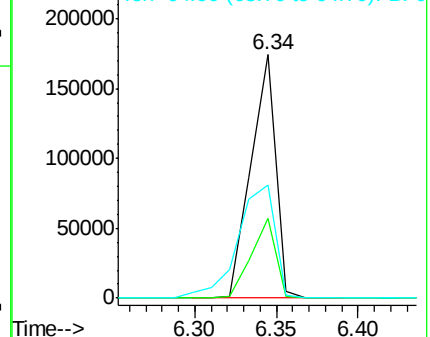
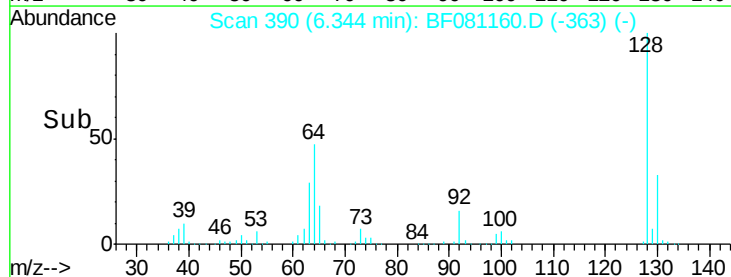
64 46.6 46.8 86.8#

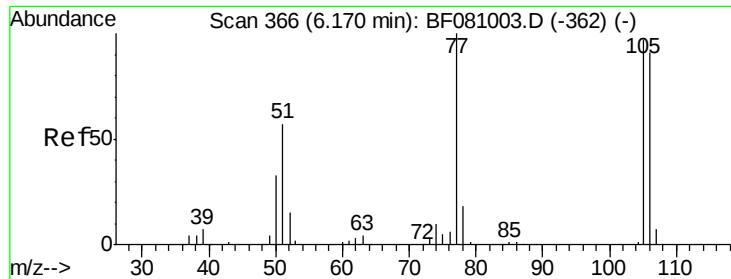


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

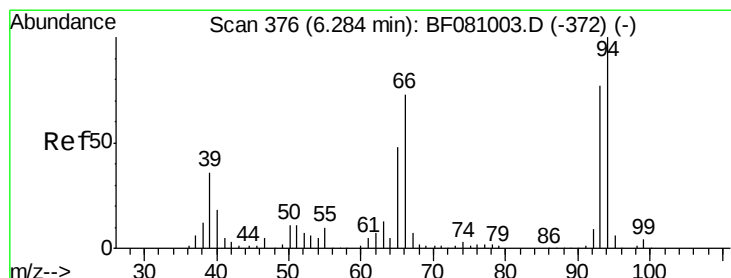
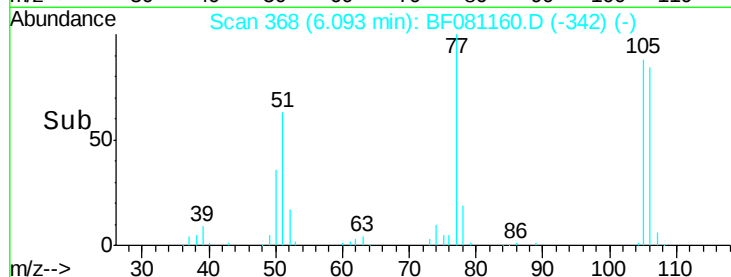
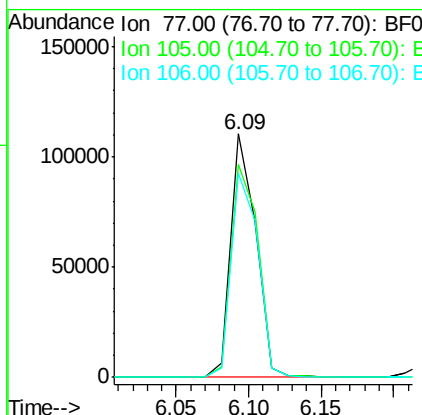
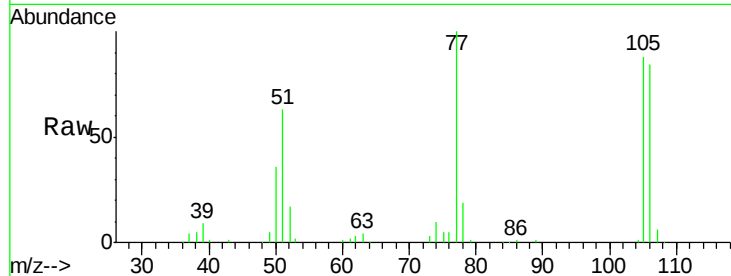




#9
Benzaldehyde
Concen: 38.99 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

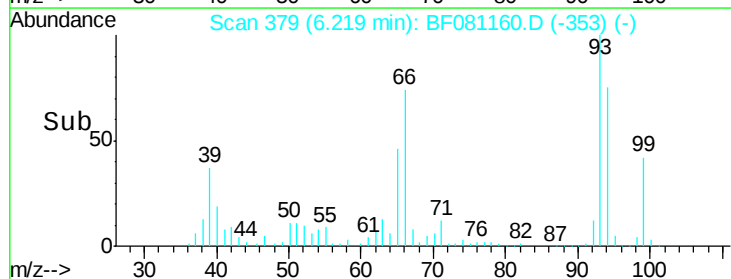
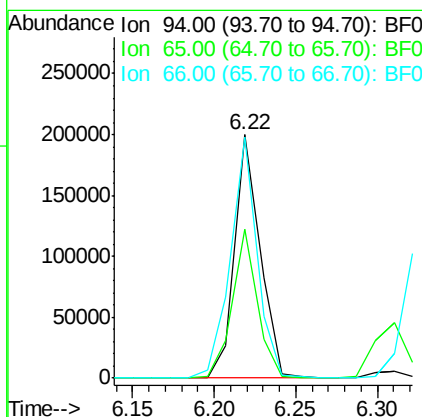
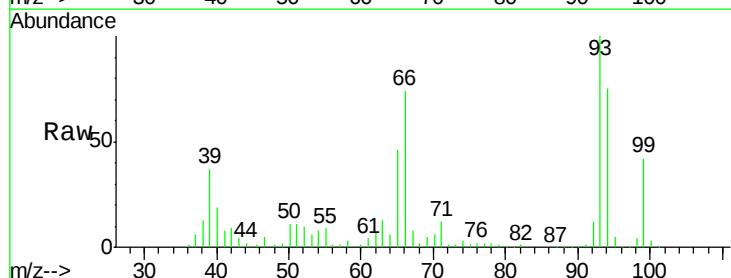
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 132411
Ion Ratio Lower Upper
77 100
105 87.6 69.6 109.6
106 83.8 64.0 104.0



#10
Phenol
Concen: 34.64 ng
RT: 6.22 min Scan# 379
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion: 94 Resp: 215494
Ion Ratio Lower Upper
94 100
65 61.0 28.4 68.4
66 98.9 52.3 92.3#

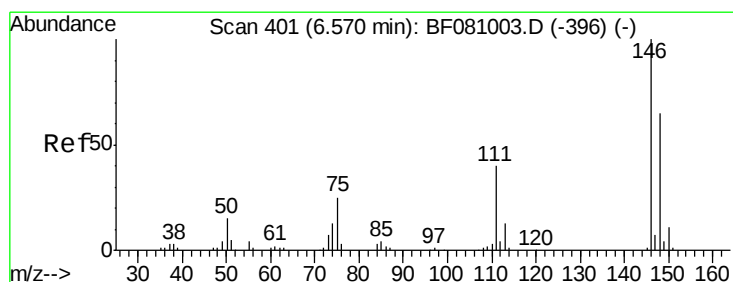
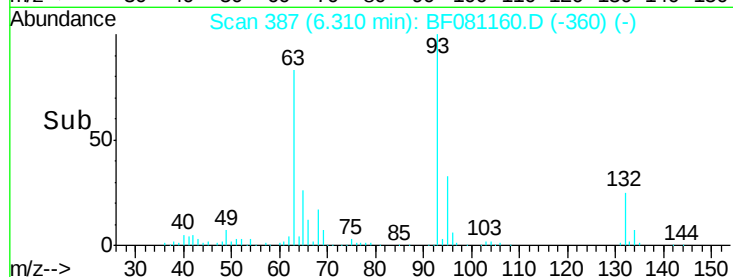
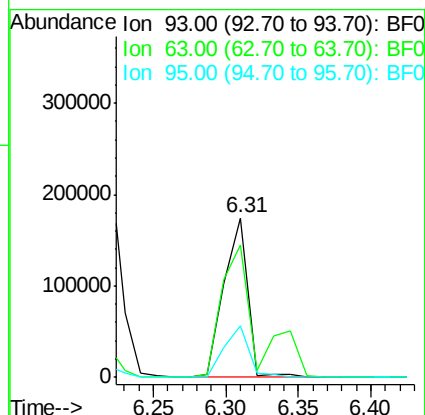
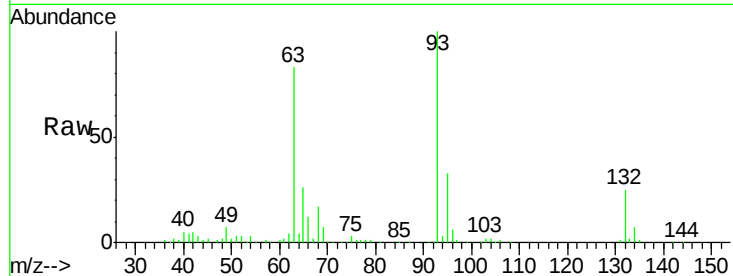




#11
bis(2-Chloroethyl)ether
Concen: 41.55 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

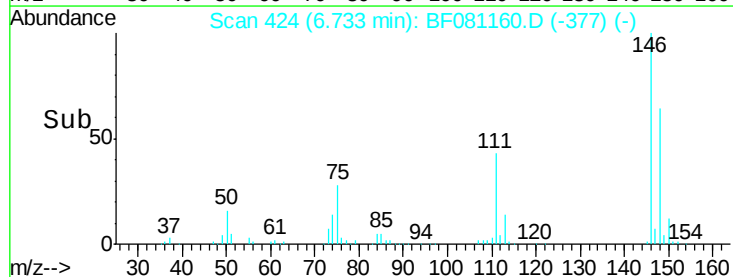
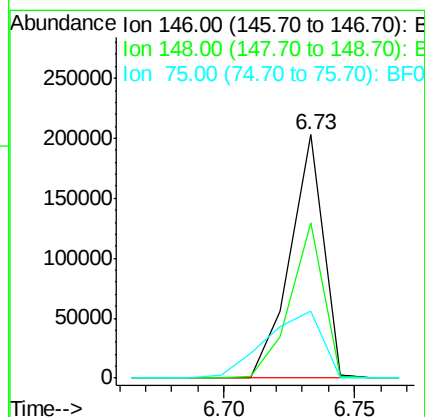
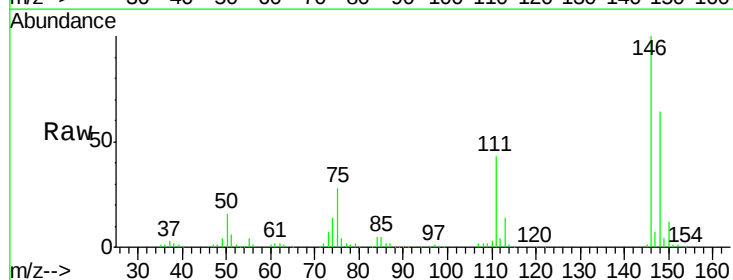
Instrument :
BNA_F
ClientSampleId :

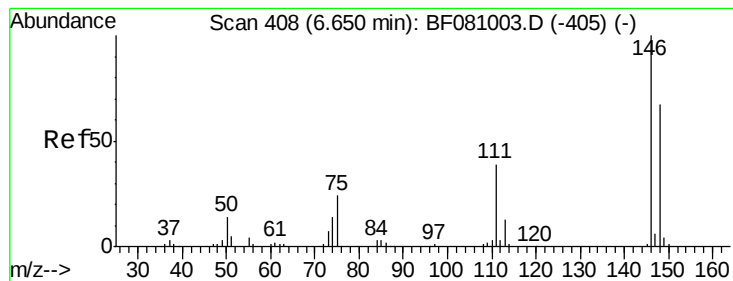
Tot Ion: 93 Resp: 198331
Ion Ratio Lower Upper
93 100
63 82.8 69.6 109.6
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.86 ng
RT: 6.73 min Scan# 424
Delta R.T. 0.24 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion: 146 Resp: 179749
Ion Ratio Lower Upper
146 100
148 63.9 53.3 79.9
75 27.6 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.77 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampled :

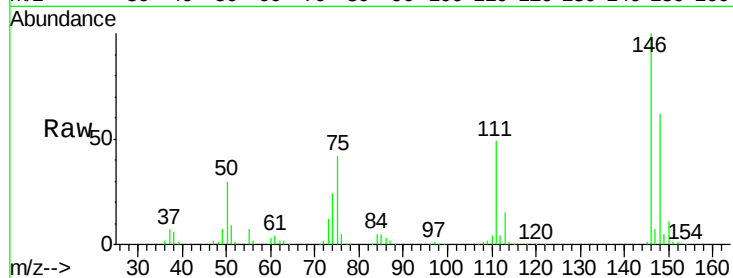
Tot Ion:146 Resp: 186991

Ion Ratio Lower Upper

146 100

148 62.3 52.3 78.5

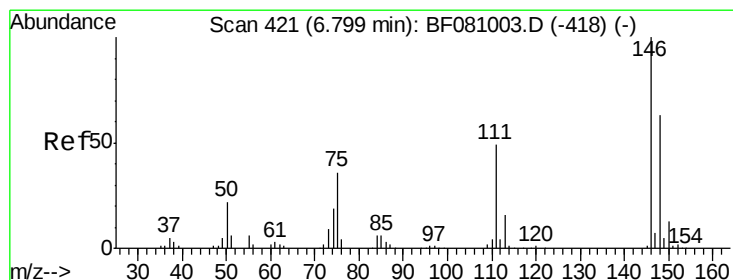
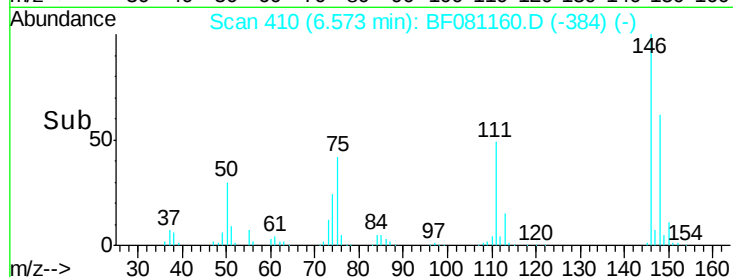
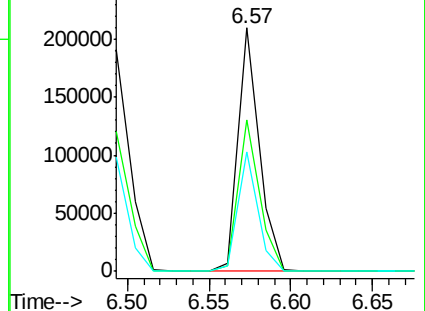
111 49.3 34.4 51.6



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: 40.93 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

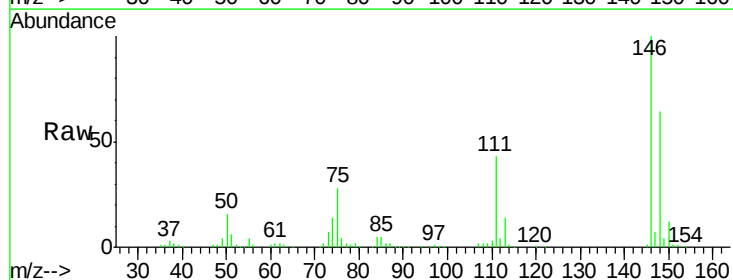
Tgt Ion:146 Resp: 180109

Ion Ratio Lower Upper

146 100

148 63.9 48.7 73.1

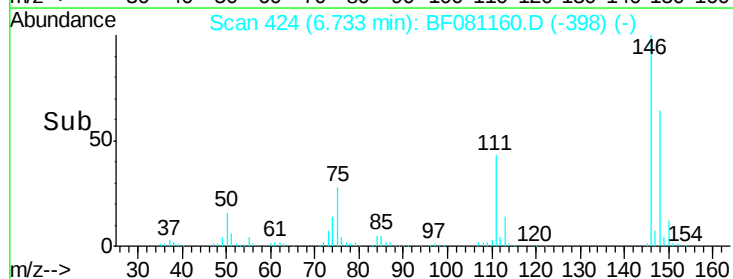
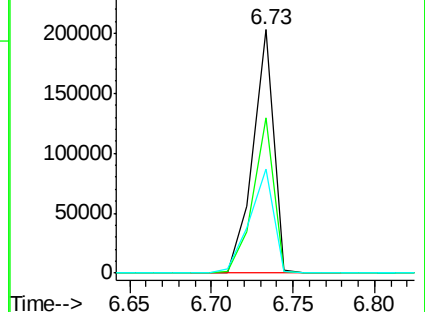
111 43.0 42.3 63.5

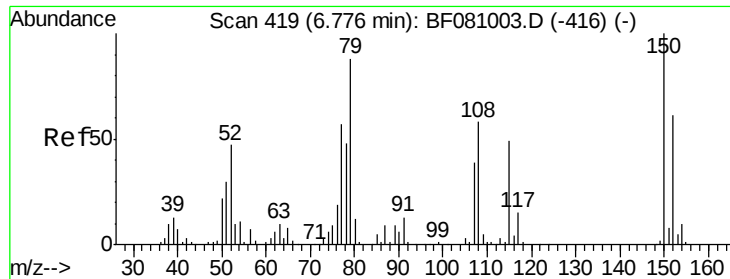


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.29 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampled :

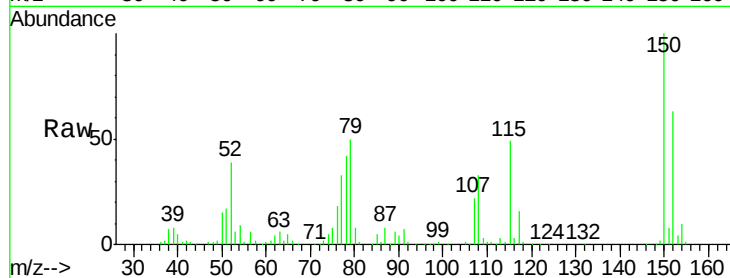
Tot Ion: 79 Resp: 163211

Ion Ratio Lower Upper

79 100

108 64.9 49.4 74.2

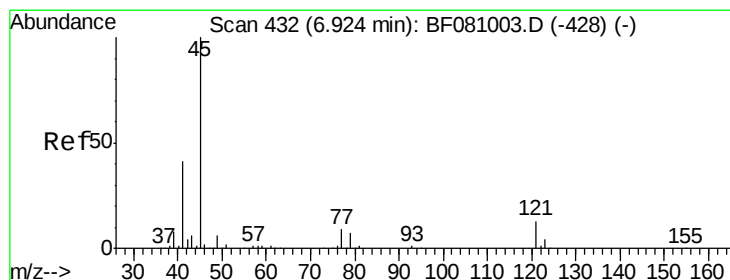
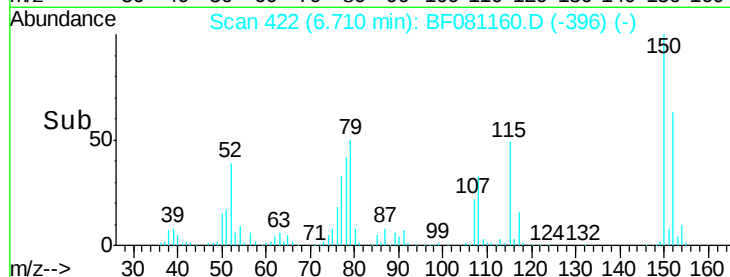
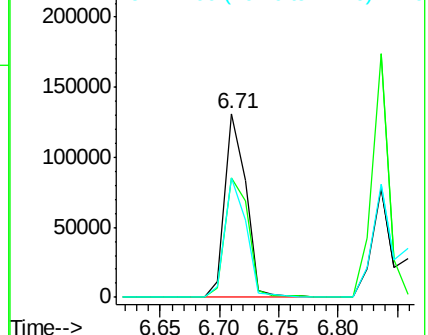
77 65.0 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.84 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

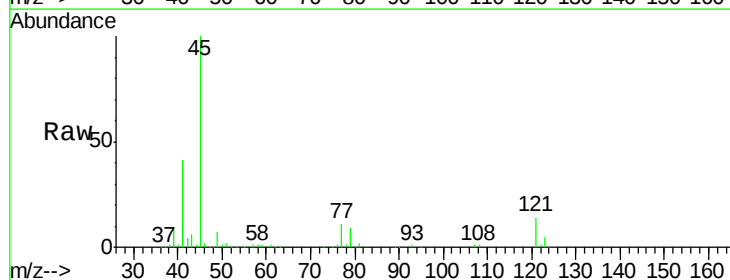
Tgt Ion: 45 Resp: 383067

Ion Ratio Lower Upper

45 100

77 10.9 0.0 30.2

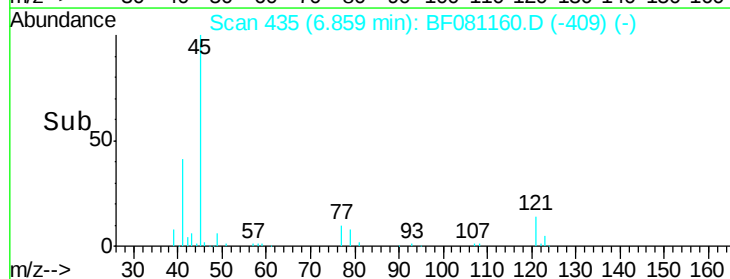
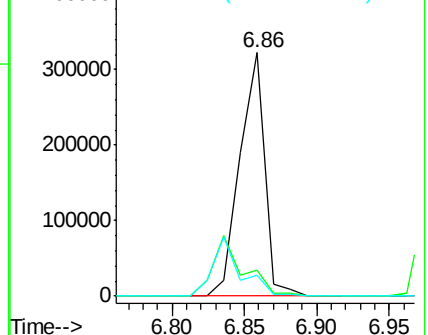
79 8.7 0.0 28.0

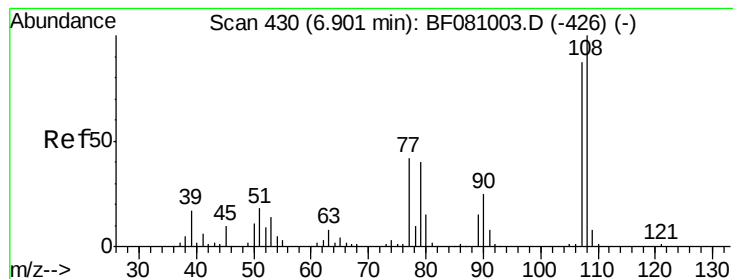


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.59 ng

RT: 6.84 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 150103

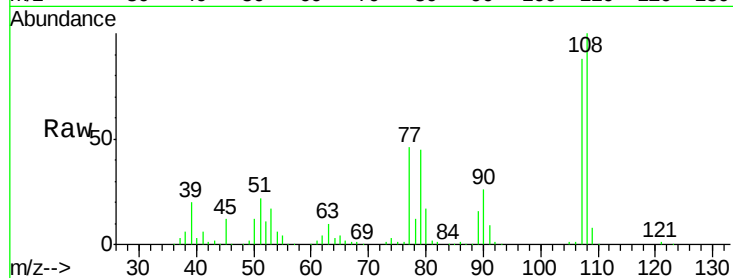
Ion Ratio Lower Upper

107 100

108 113.5 90.4 135.6

77 52.7 46.5 69.7

79 51.0 46.3 69.5

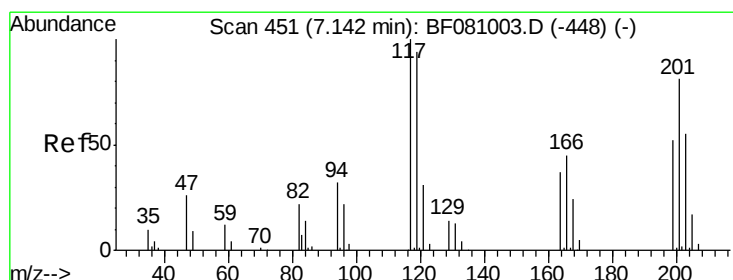
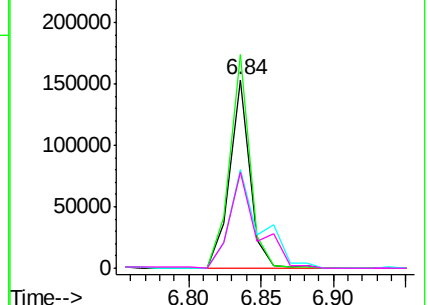
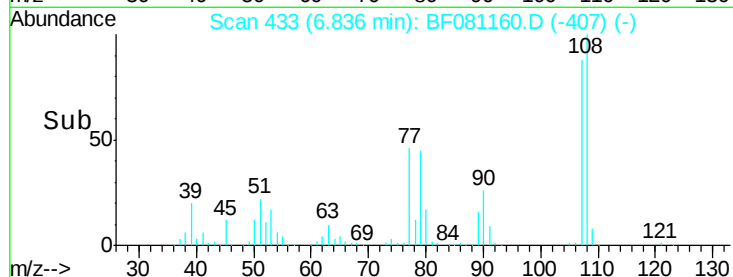


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 35.22 ng

RT: 7.06 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

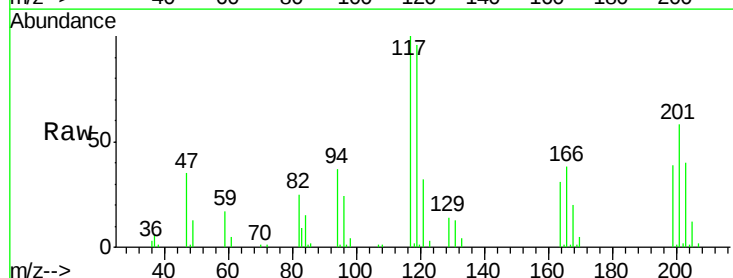
Tgt Ion:117 Resp: 66913

Ion Ratio Lower Upper

117 100

119 96.4 77.9 116.9

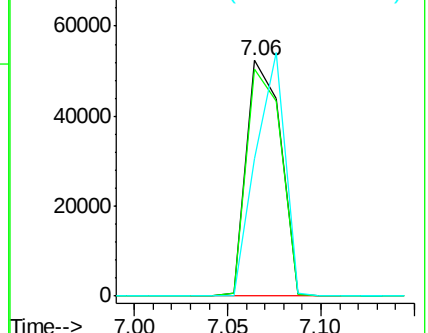
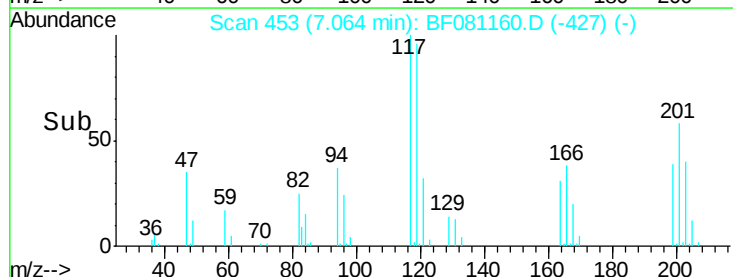
201 58.3 61.3 91.9#

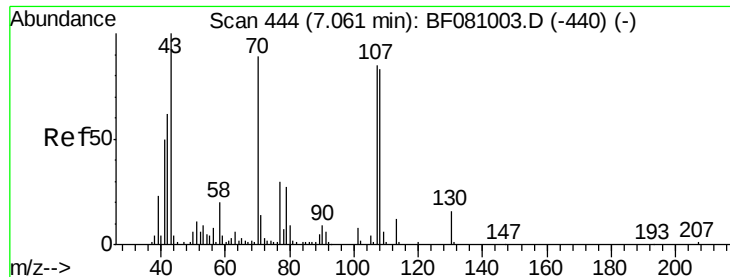


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

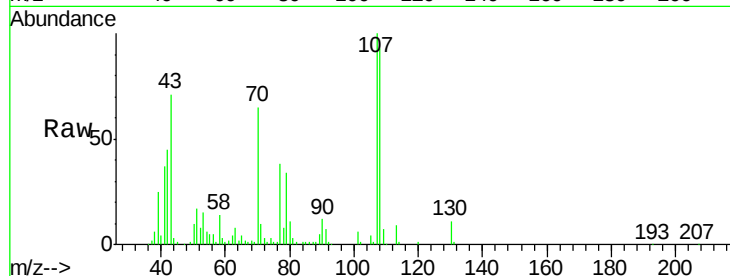




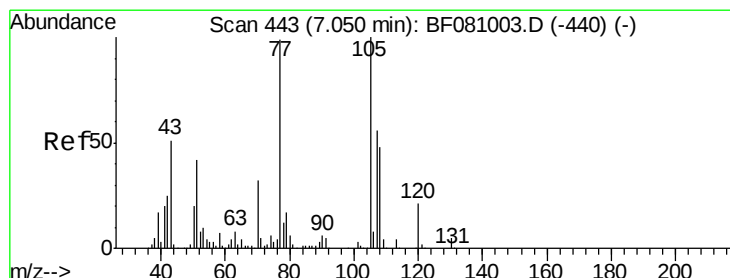
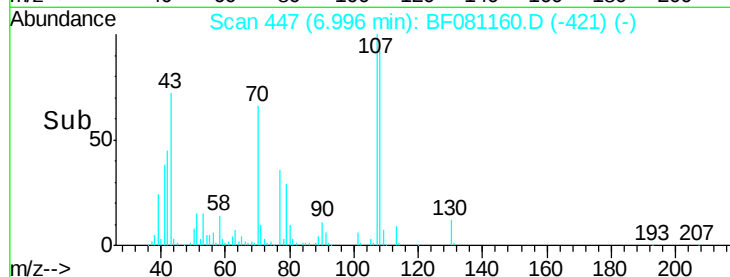
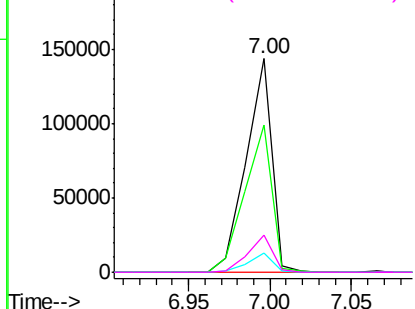
#19
n-Nitroso-di-n-propylamine
Concen: 42.97 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	156813
Ion	Ratio	Lower	Upper
70	100		
42	68.9	65.0	97.4
101	8.8	7.4	11.2
130	17.7	13.0	19.4

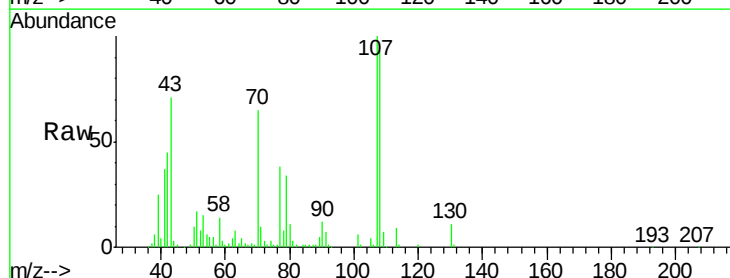


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

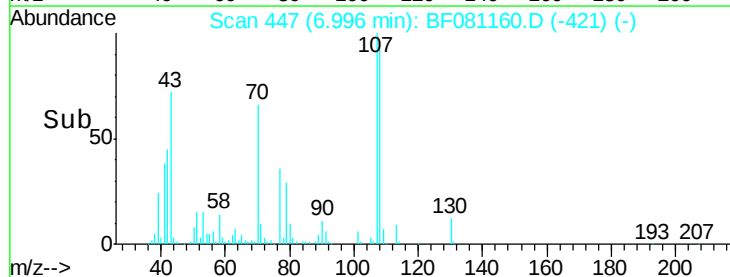
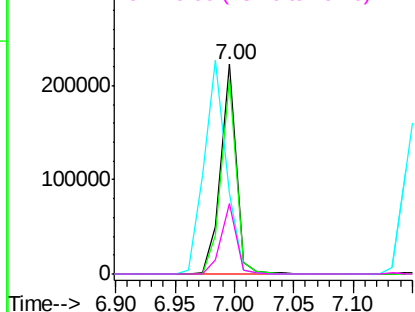


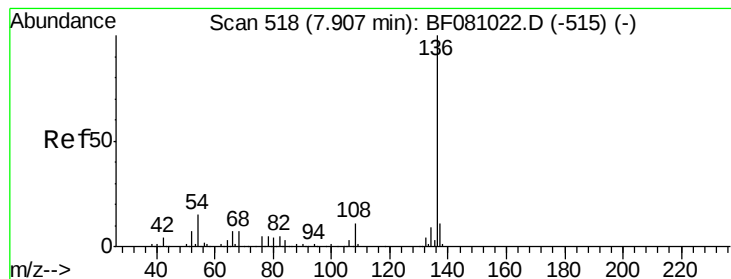
#20
3+4-Methylphenols
Concen: 41.59 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:	107	Resp:	200166
Ion	Ratio	Lower	Upper
107	100		
108	93.0	66.1	106.1
77	38.5	139.3	179.3#
79	33.9	11.9	51.9



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 239610

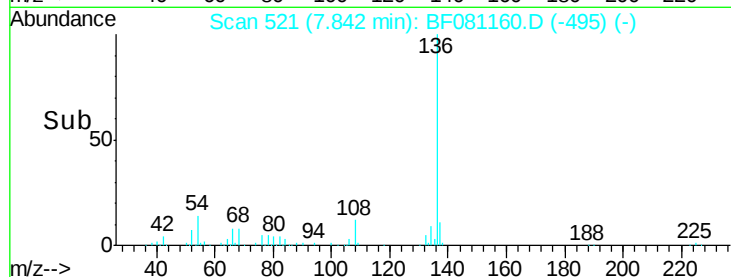
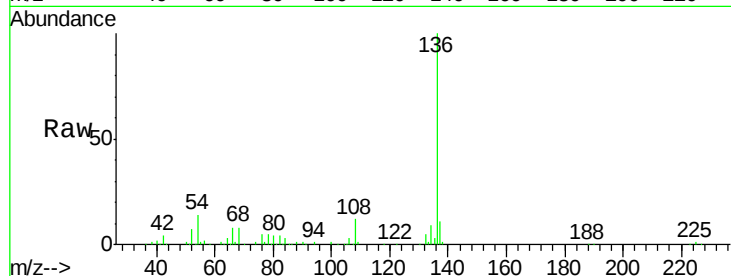
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 14.3 7.7 11.5#

68 7.7 3.4 5.2#

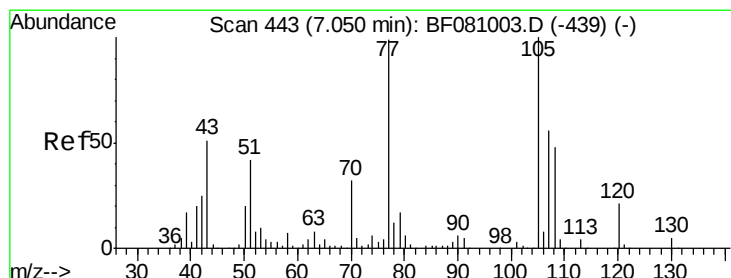
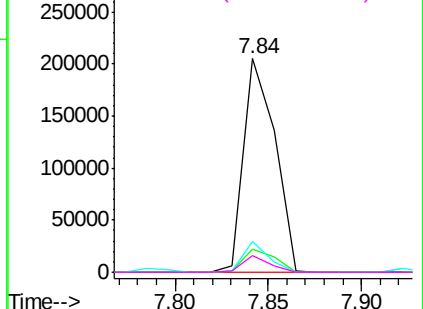


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.63 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:105 Resp: 274437

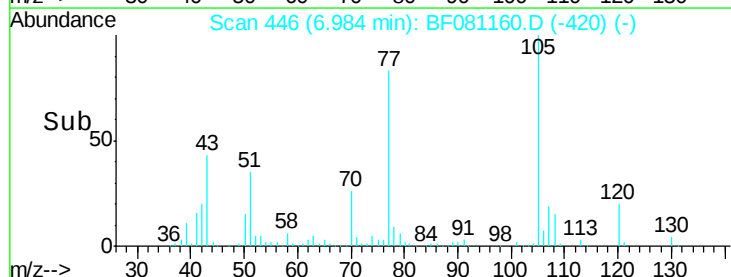
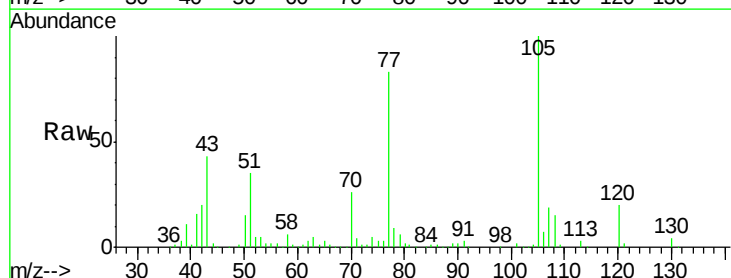
Ion Ratio Lower Upper

105 100

71 4.2 3.0 4.6

51 35.0 39.8 59.8#

120 20.1 15.8 23.8

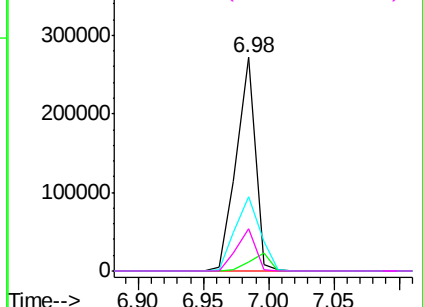


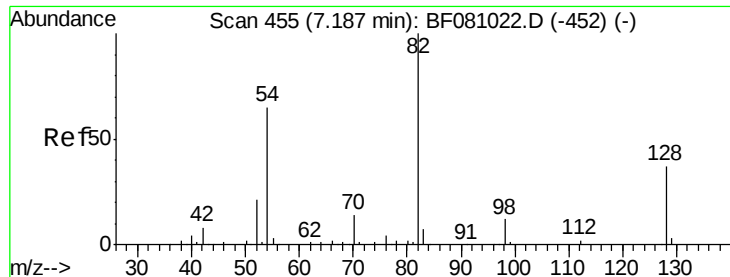
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

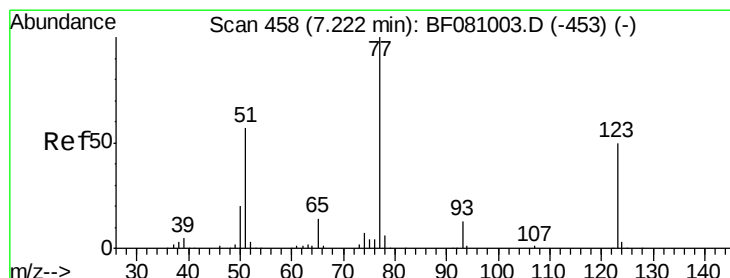
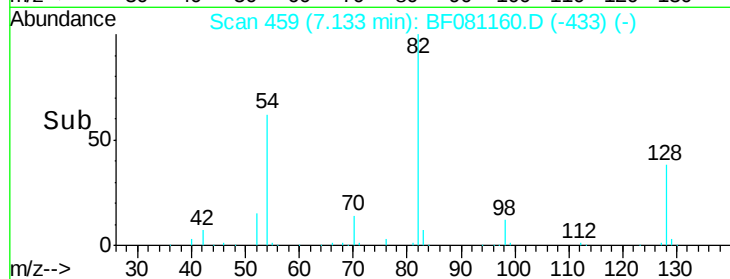
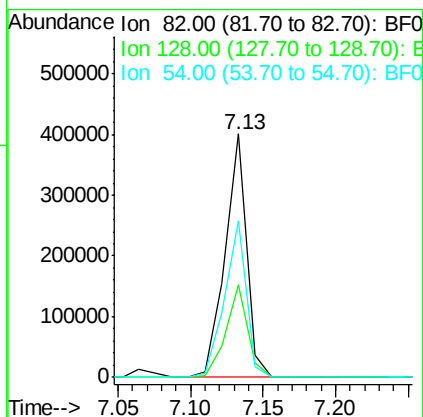
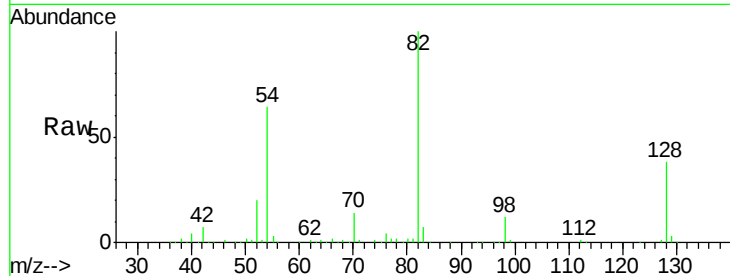




#23
 Nitrobenzene-d5
 Concen: 79.03 ng
 RT: 7.13 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

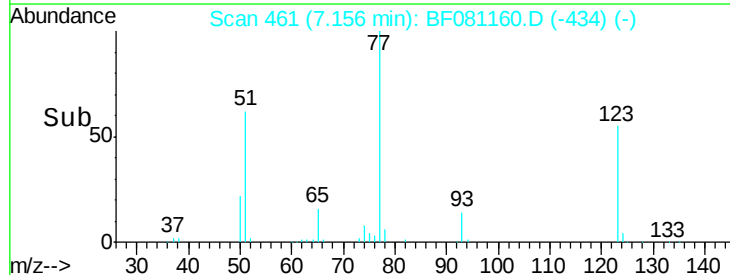
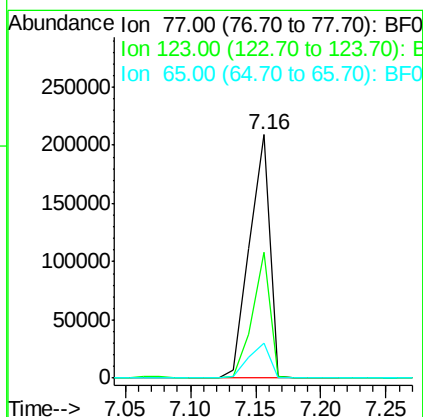
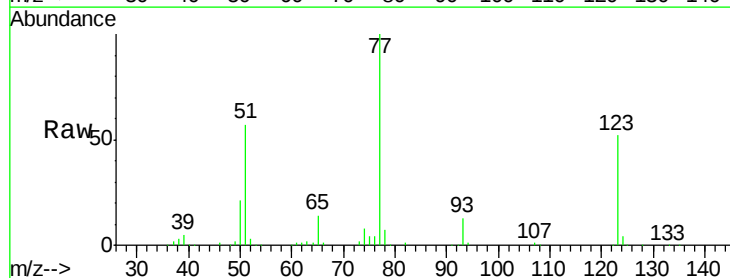
Instrument :
 BNA_F
 ClientSampleId :

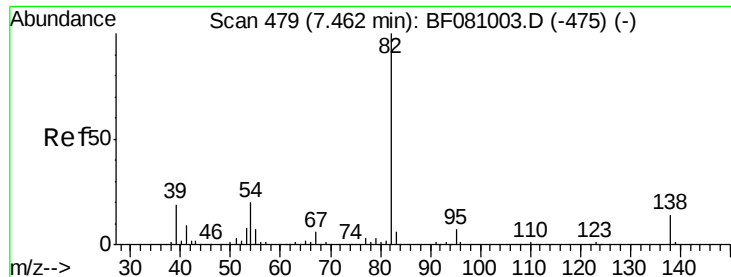
Tot Ion: 82 Resp: 414535
 Ion Ratio Lower Upper
 82 100
 128 38.1 28.6 42.8
 54 64.2 55.1 82.7



#24
 Nitrobenzene
 Concen: 41.38 ng
 RT: 7.16 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion: 77 Resp: 226946
 Ion Ratio Lower Upper
 77 100
 123 51.6 32.9 49.3#
 65 14.3 12.5 18.7





#25

Isophorone

Concen: 40.86 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

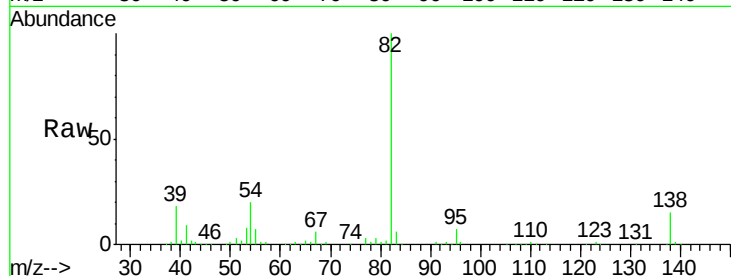
Tot Ion: 82 Resp: 399695

Ion Ratio Lower Upper

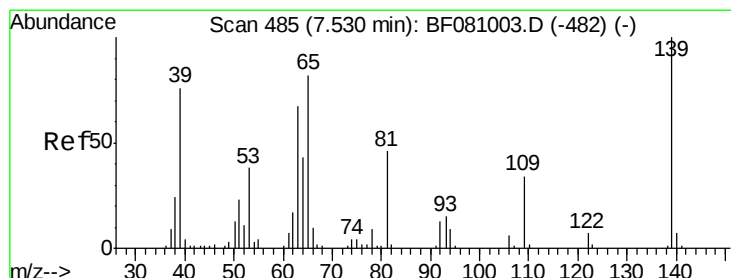
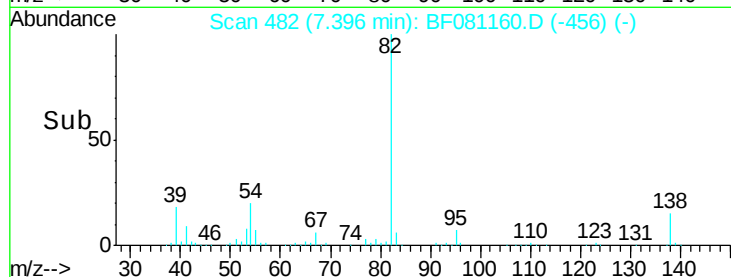
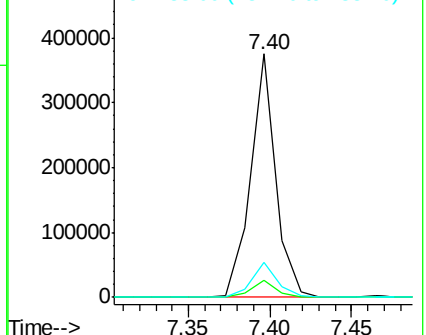
82 100

95 7.0 6.2 9.2

138 14.5 10.5 15.7



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



#26

2-Nitrophenol

Concen: 36.32 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

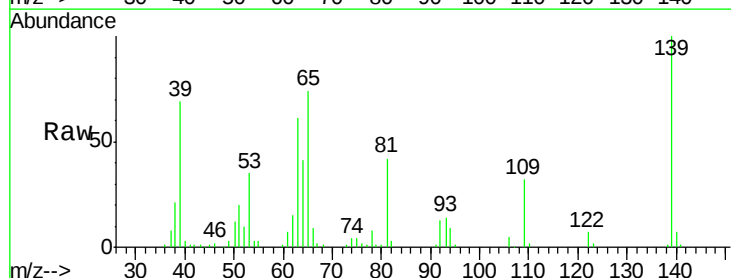
Tgt Ion: 139 Resp: 82835

Ion Ratio Lower Upper

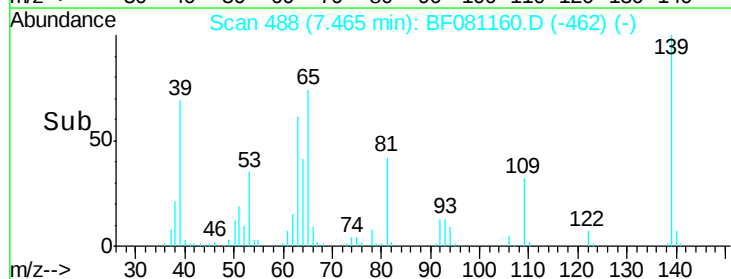
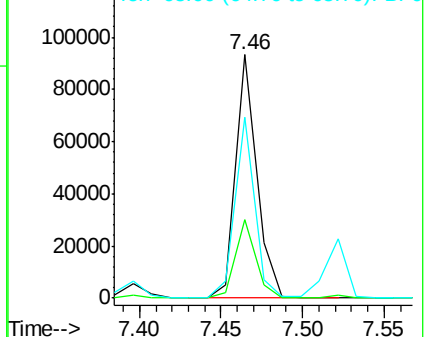
139 100

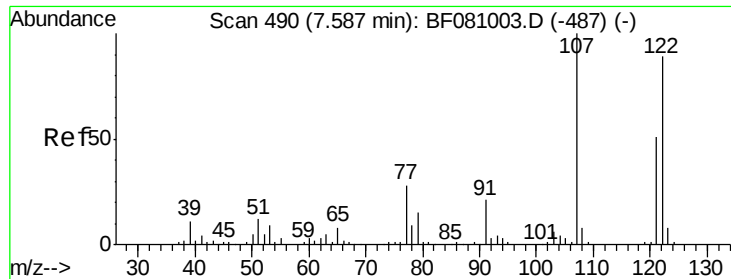
109 32.4 32.1 48.1

65 74.4 69.9 104.9



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

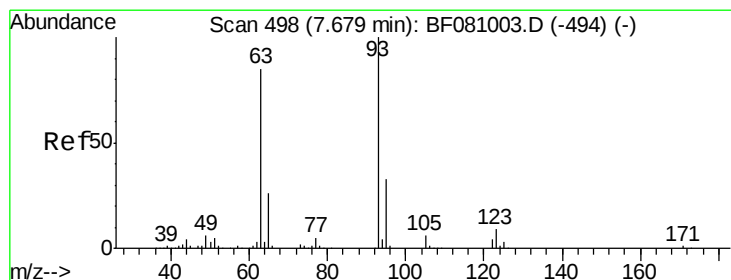
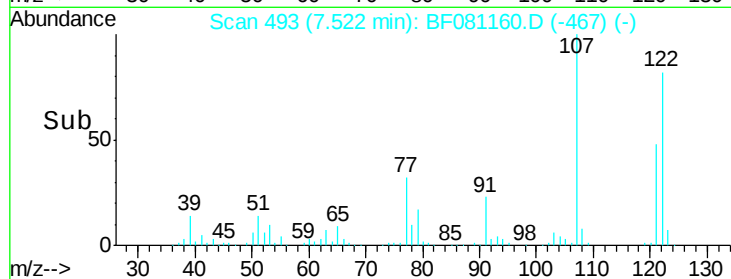
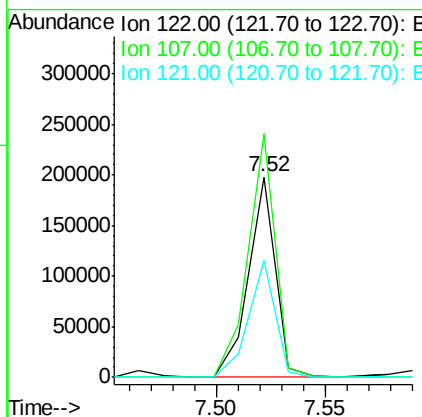
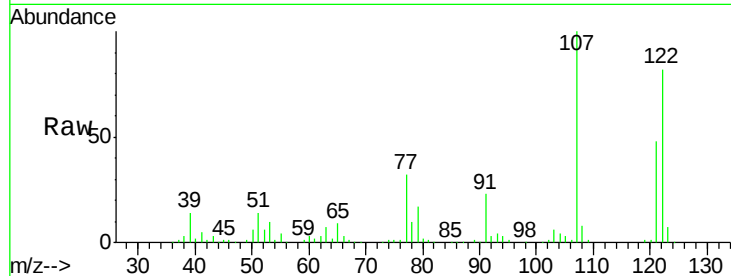




#27
 2,4-Dimethylphenol
 Concen: 42.39 ng
 RT: 7.52 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

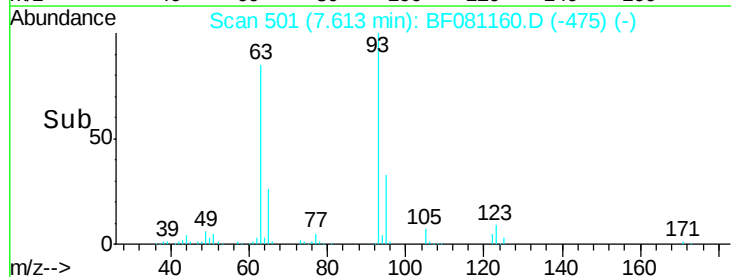
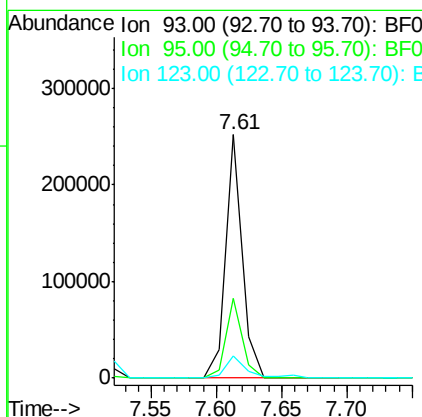
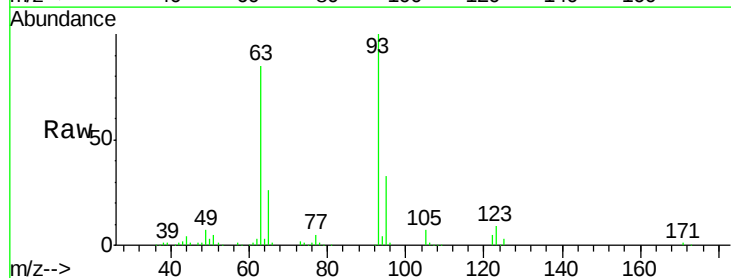
Instrument :
 BNA_F
 ClientSampleId :

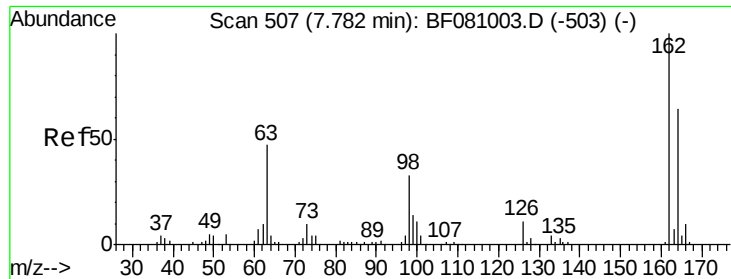
Tot Ion:122 Resp: 171045
 Ion Ratio Lower Upper
 122 100
 107 121.3 103.8 155.6
 121 58.4 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.75 ng
 RT: 7.61 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion: 93 Resp: 223894
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 9.1 7.4 11.0

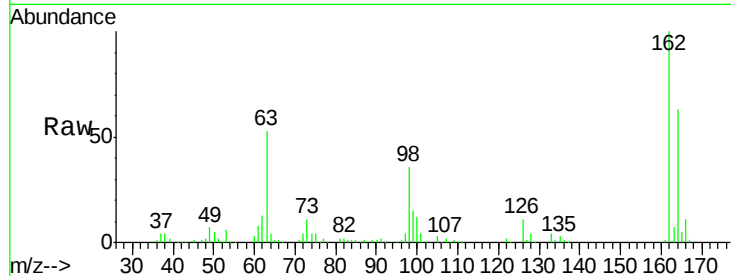




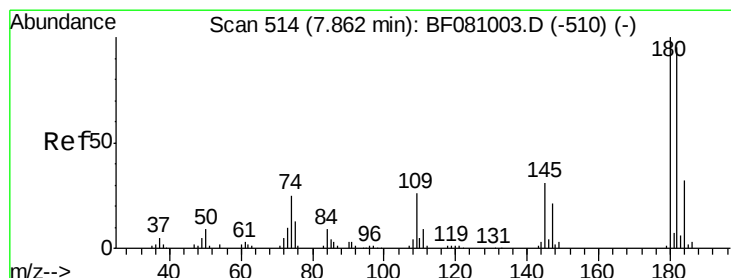
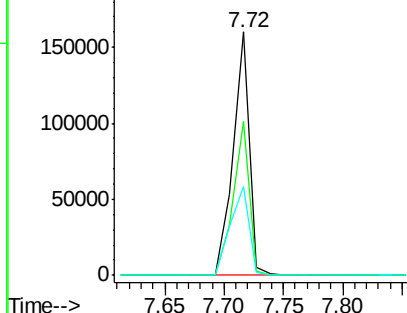
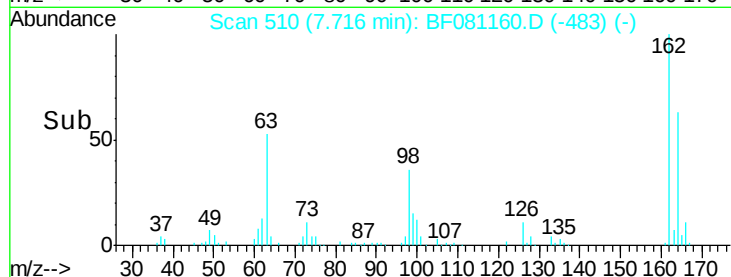
#29
 2,4-Dichlorophenol
 Concen: 44.72 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 151924
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.2 83.2
 98 36.5 12.3 52.3

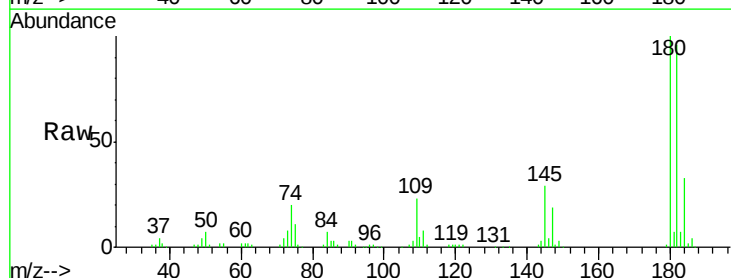


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

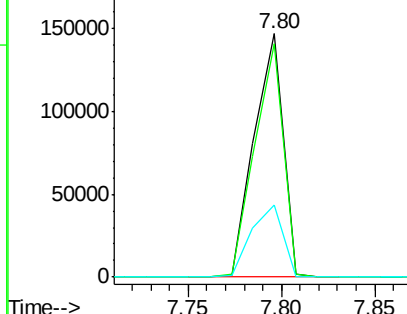
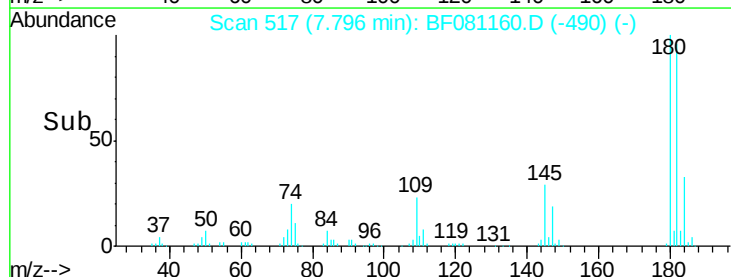


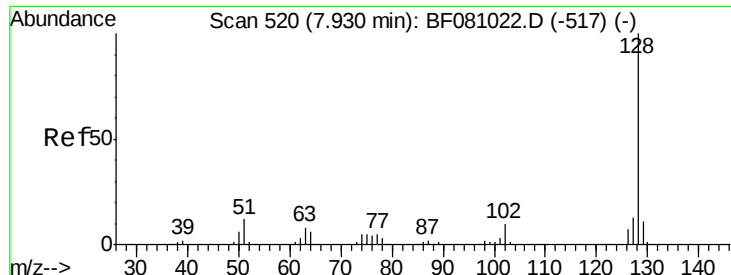
#30
 1,2,4-Trichlorobenzene
 Concen: 41.99 ng
 RT: 7.80 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:180 Resp: 158524
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.4 114.6
 145 29.4 25.4 38.2



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

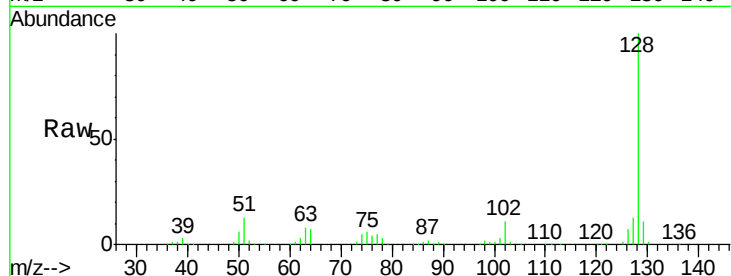




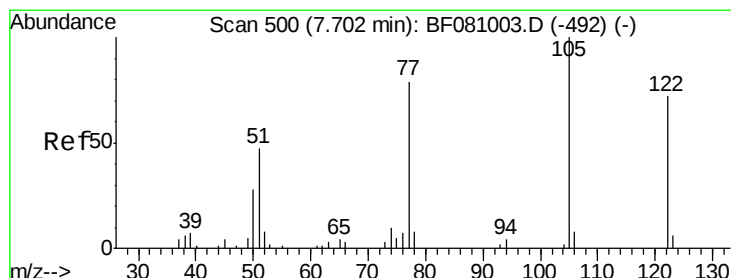
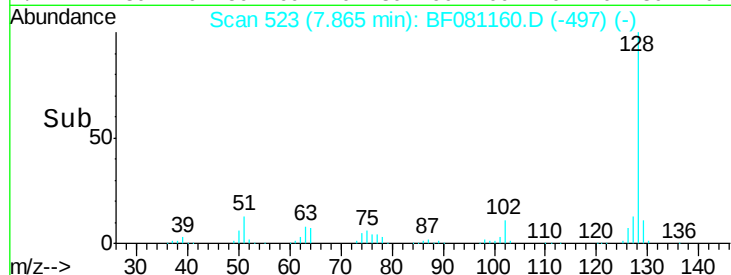
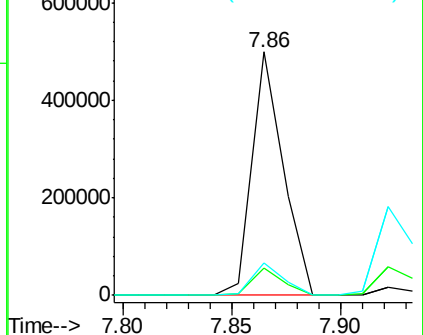
#31
Naphthalene
Concen: 37.44 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 500117
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.3 10.6 16.0

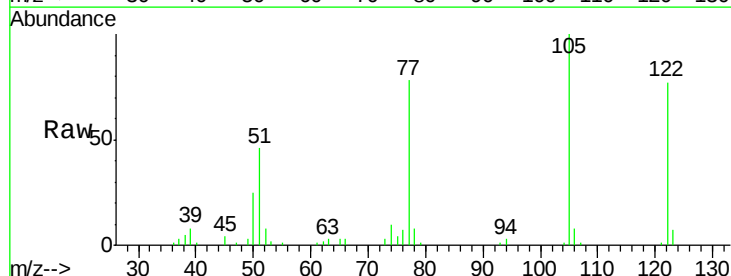


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

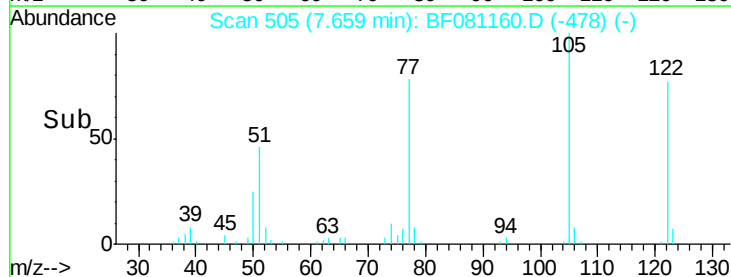
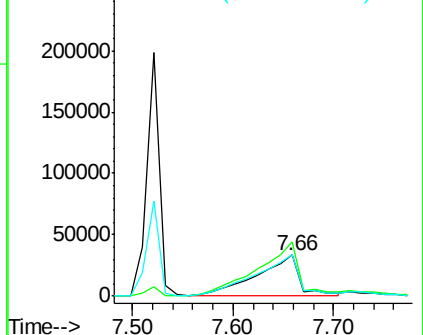


#32
Benzoic acid
Concen: 42.03 ng
RT: 7.66 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:122 Resp: 95395
Ion Ratio Lower Upper
122 100
105 130.0 113.8 153.8
77 101.6 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

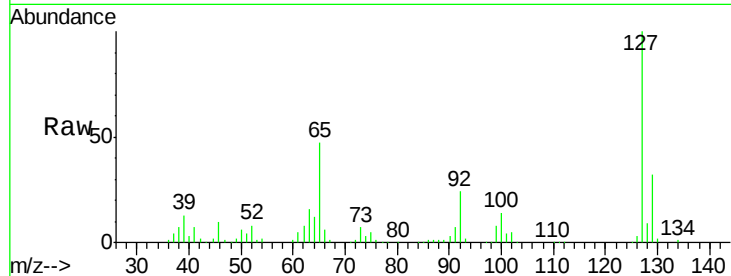




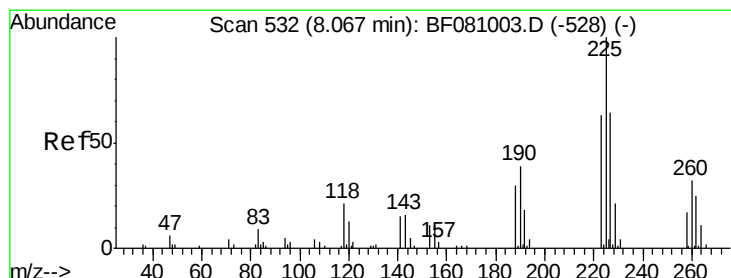
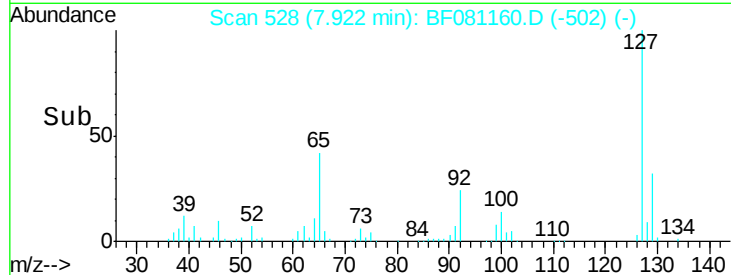
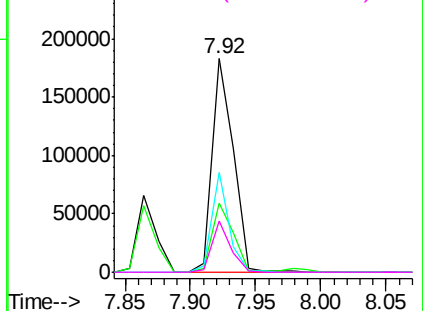
#33
4-Chloroaniline
Concen: 36.89 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	207871
Ion Ratio	Lower	Upper
127 100		
129 32.1	25.2	37.8
65 46.6	37.8	56.6
92 23.8	19.5	29.3

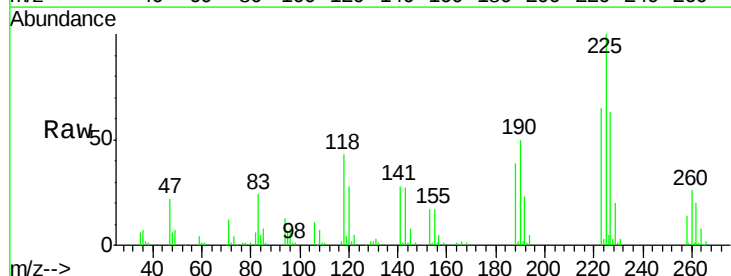


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

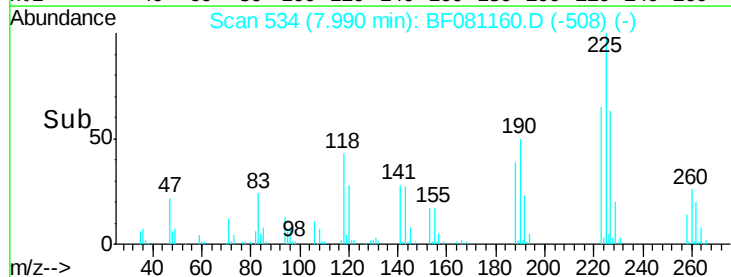
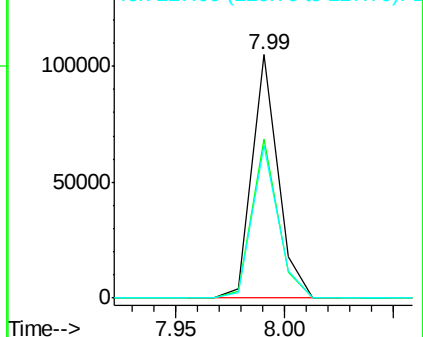


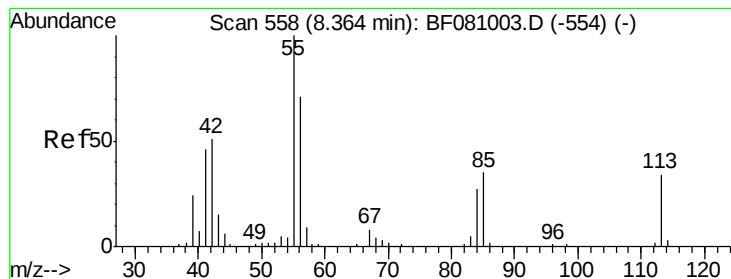
#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:225	Resp:	87223
Ion Ratio	Lower	Upper
225 100		
223 65.3	52.6	79.0
227 62.8	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.08 ng

RT: 8.31 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampled :

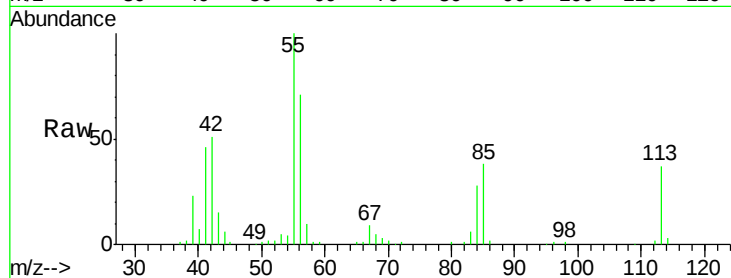
Tot Ion:113 Resp: 47583

Ion Ratio Lower Upper

113 100

55 273.5 280.4 320.4#

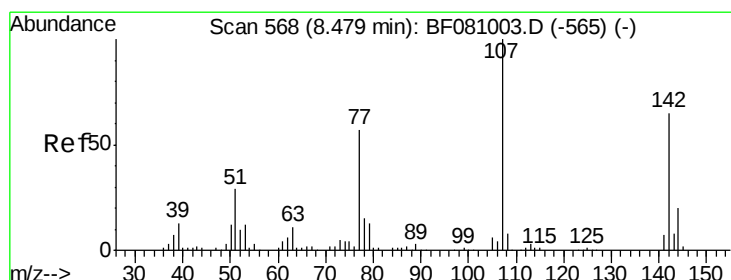
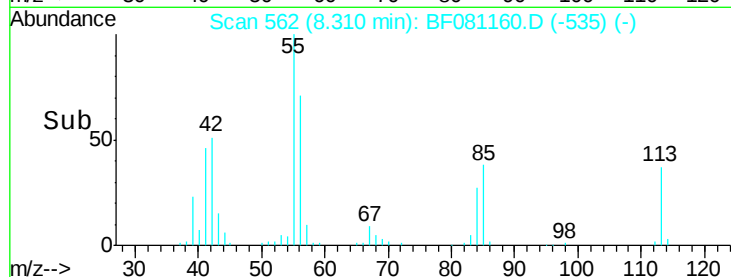
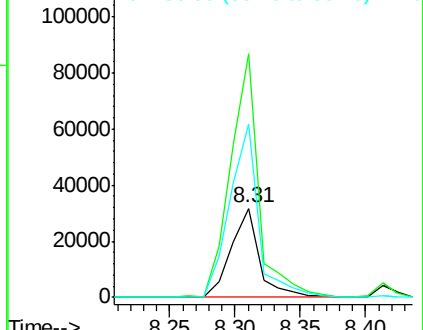
56 195.3 205.9 245.9#



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: 39.28 ng

RT: 8.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

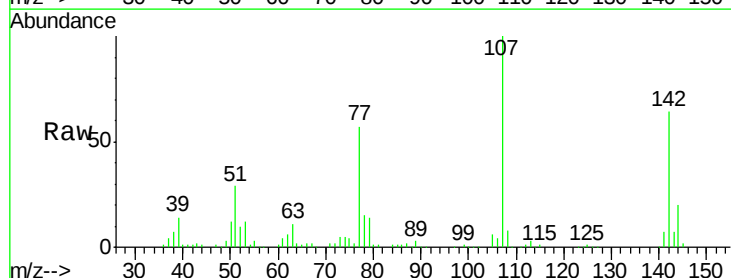
Tgt Ion:107 Resp: 159021

Ion Ratio Lower Upper

107 100

144 20.2 17.2 25.8

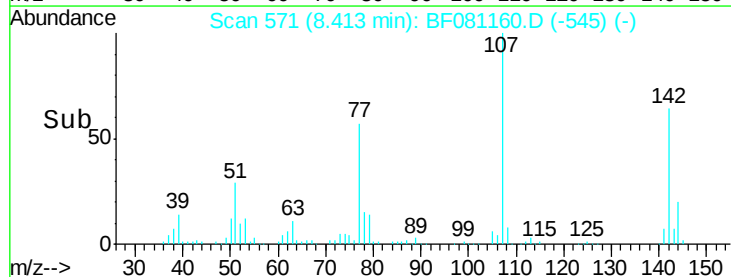
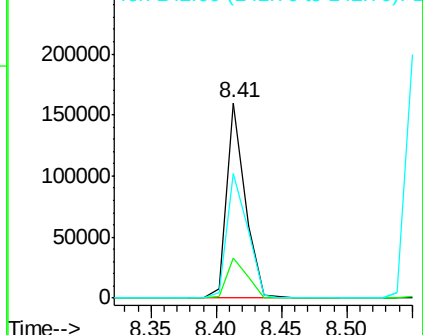
142 64.1 54.9 82.3

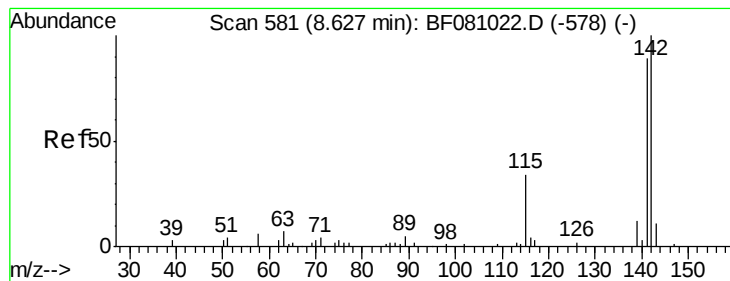


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.94 ng

RT: 8.56 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

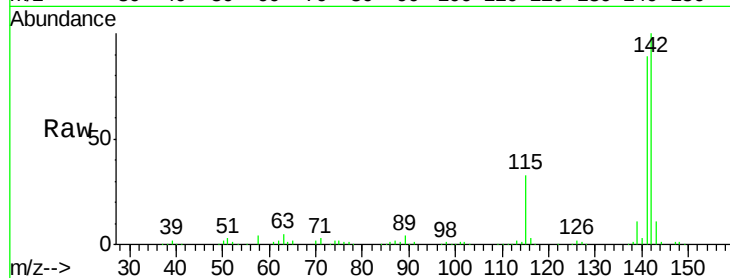
Tot Ion:142 Resp: 353832

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

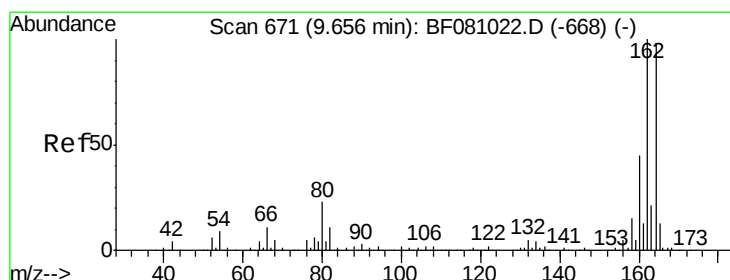
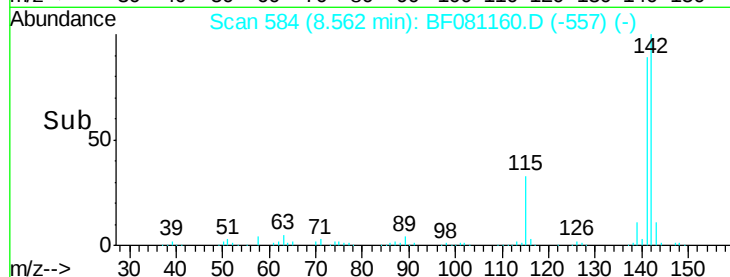
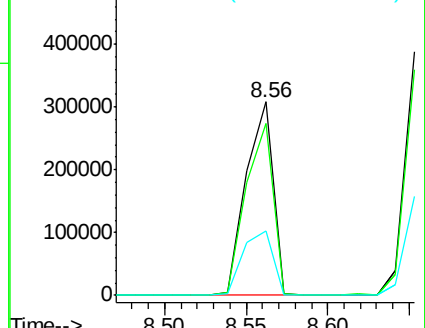
115 33.4 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

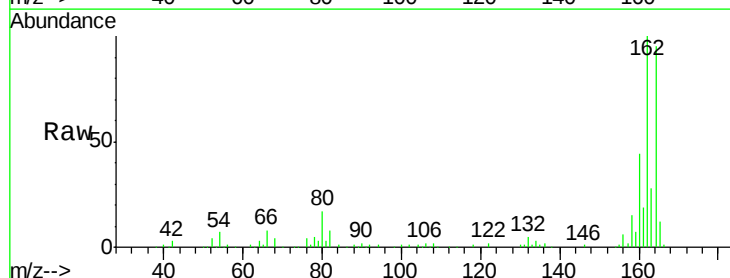
Tgt Ion:164 Resp: 118573

Ion Ratio Lower Upper

164 100

162 105.5 83.8 125.8

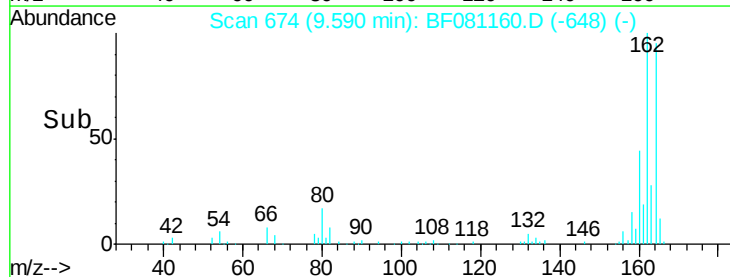
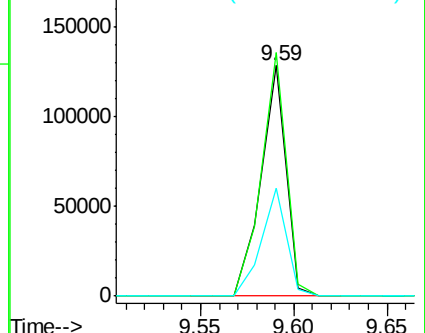
160 46.8 39.8 59.8

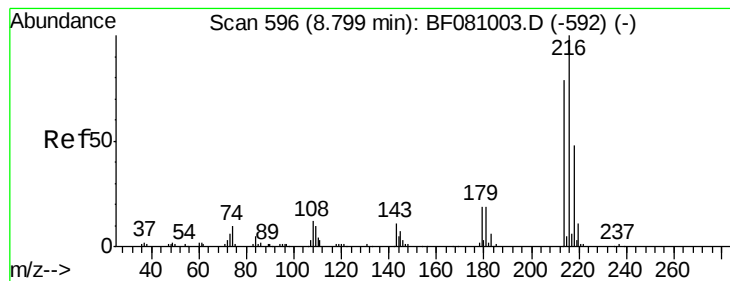


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.46 ng

RT: 8.72 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 139490

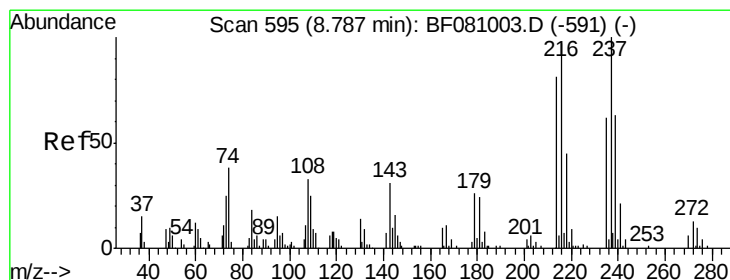
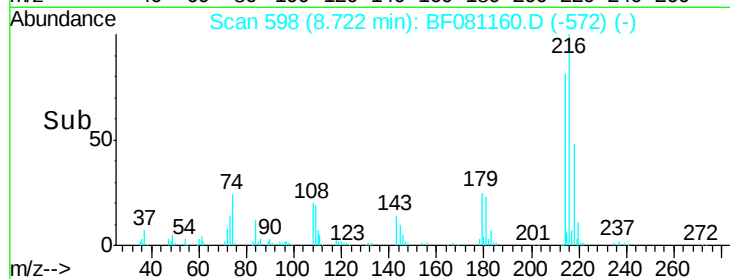
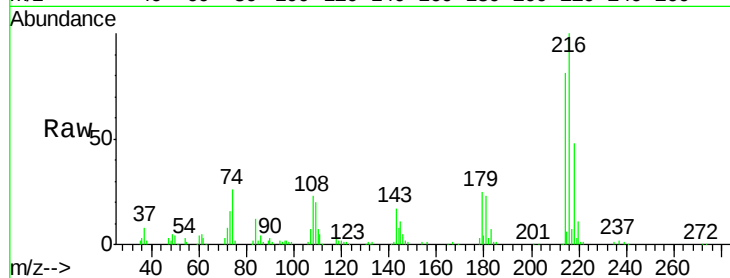
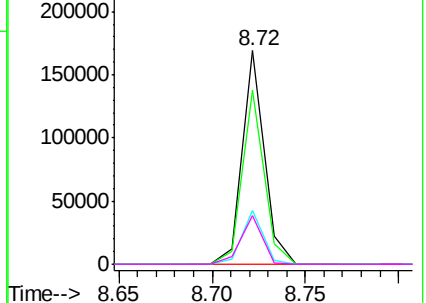
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.8	95.8
179	24.5	17.8	26.8
108	22.6	16.2	24.2

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: 10.74 ng

RT: 8.71 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

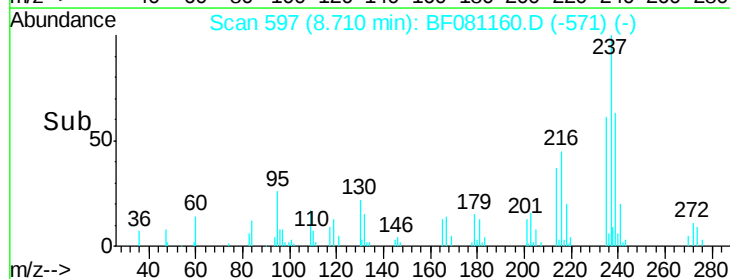
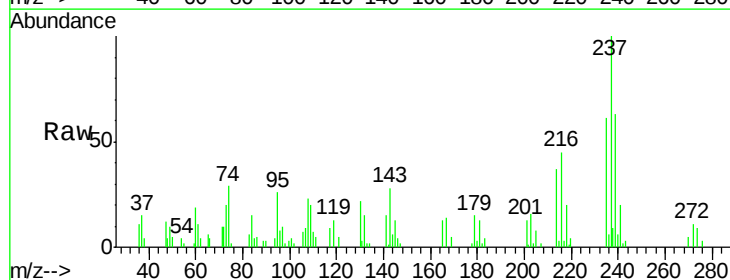
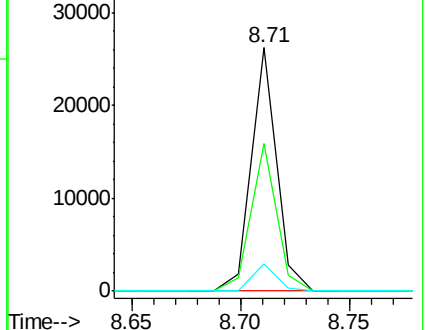
Tgt Ion:237 Resp: 21258

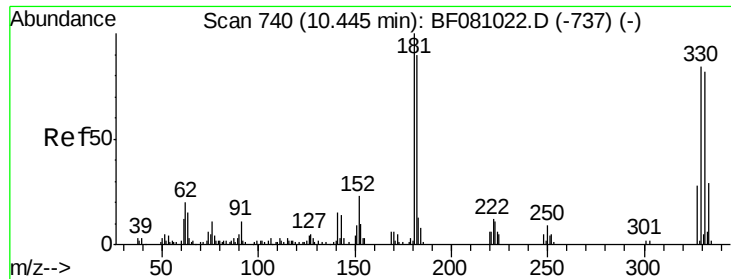
Ion	Ratio	Lower	Upper
237	100		
235	60.6	43.6	83.6
272	11.3	0.0	32.2

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: 73.54 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

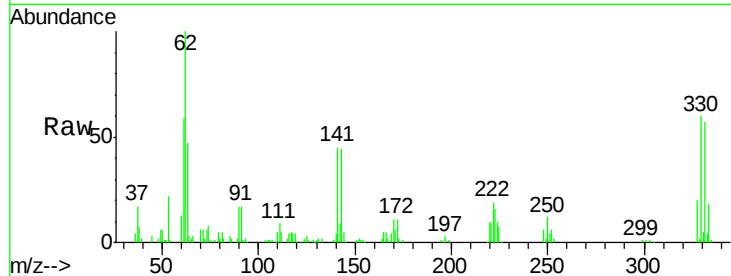
Tot Ion:330 Resp: 75585

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

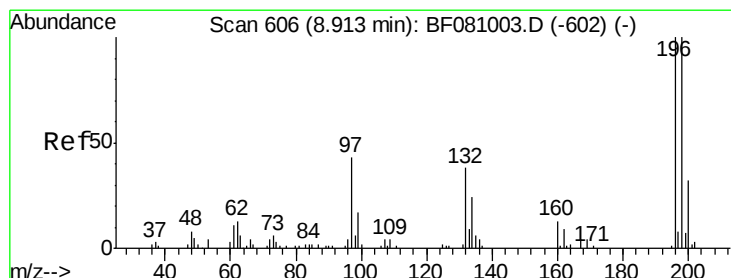
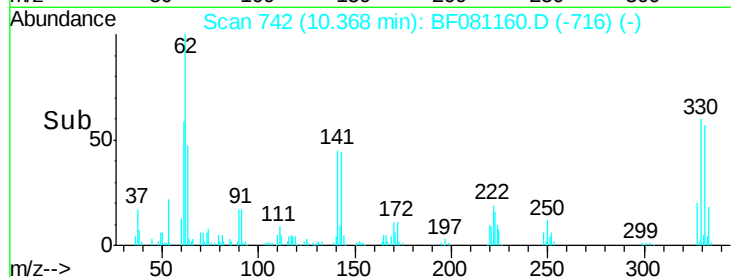
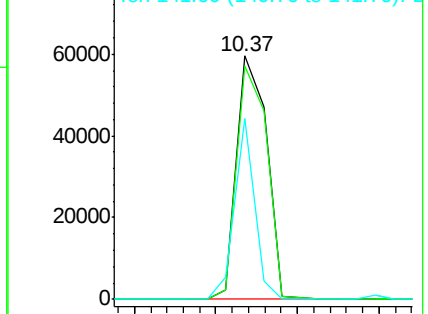
141 49.0 44.9 67.3



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: 36.34 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

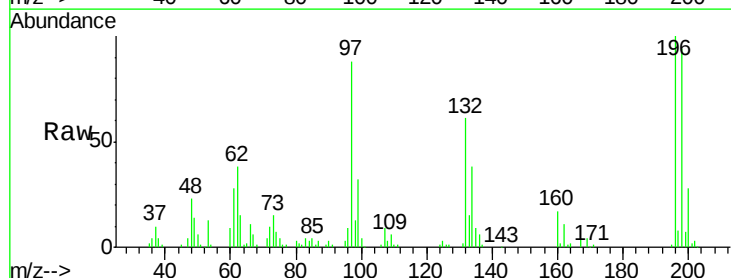
Tgt Ion:196 Resp: 98222

Ion Ratio Lower Upper

196 100

198 93.5 74.6 111.8

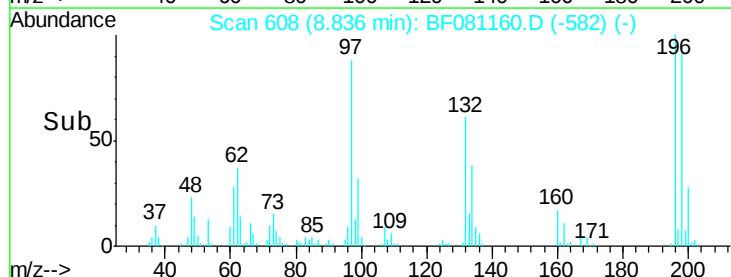
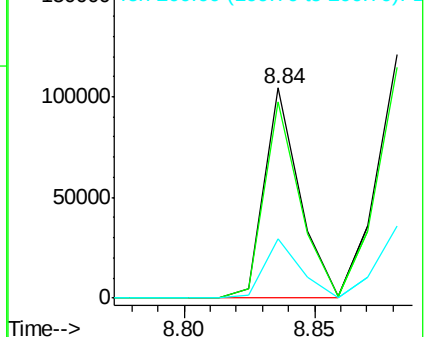
200 28.3 22.7 34.1



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

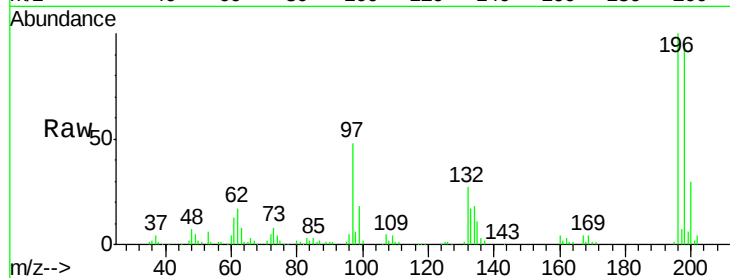




#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.3	117.5
97	48.0	42.7	64.1
132	27.2	23.3	34.9



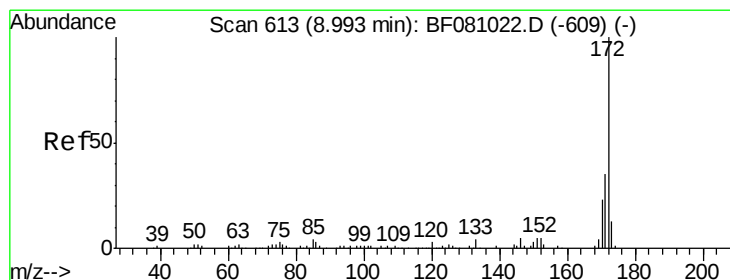
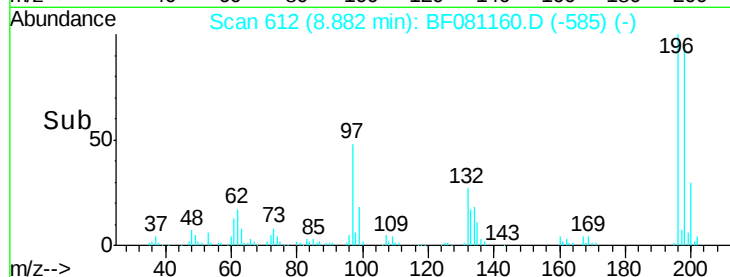
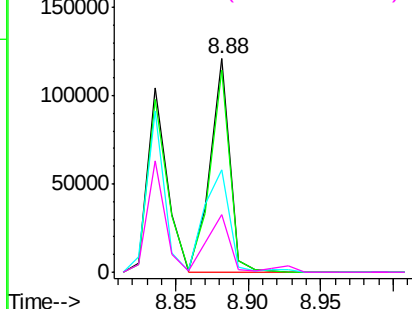
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

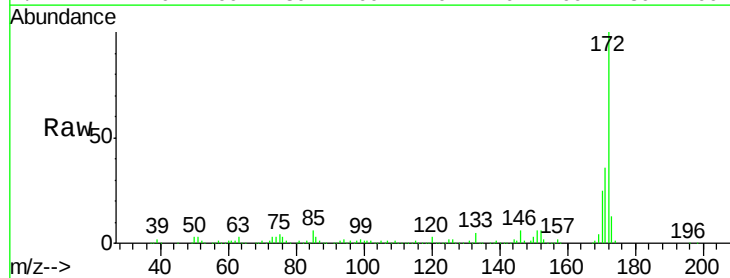
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.34 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.7	19.4	29.2

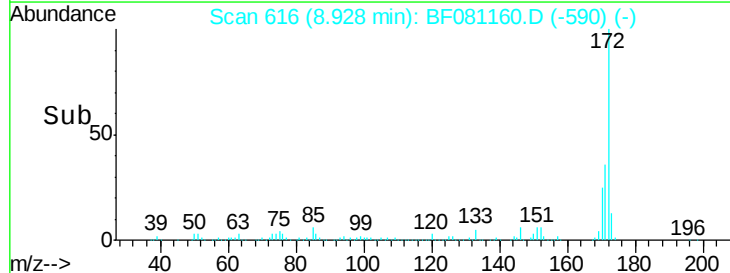
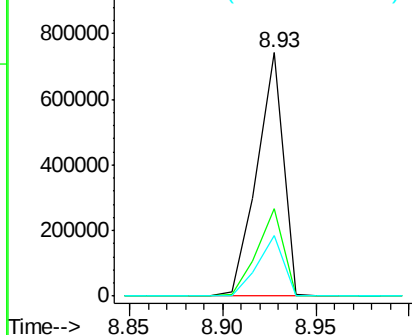


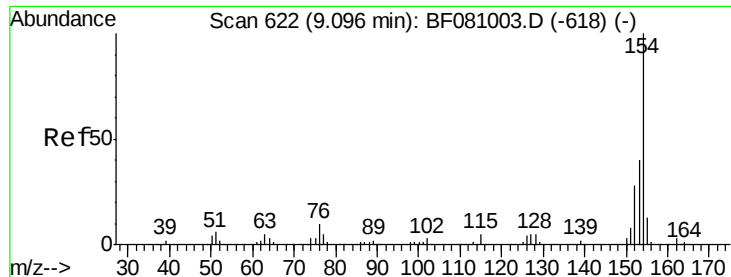
Abundance

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

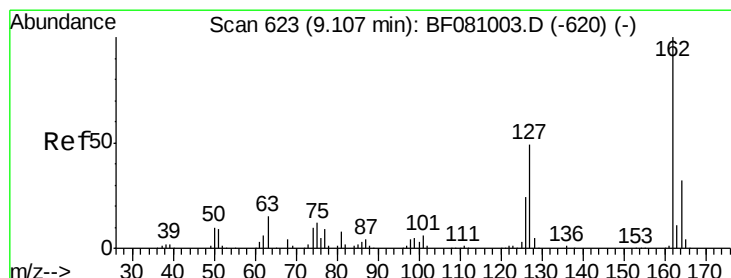
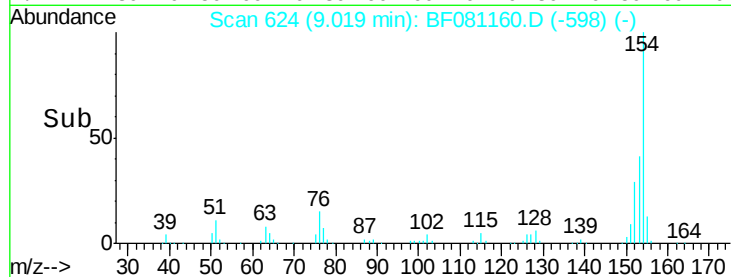
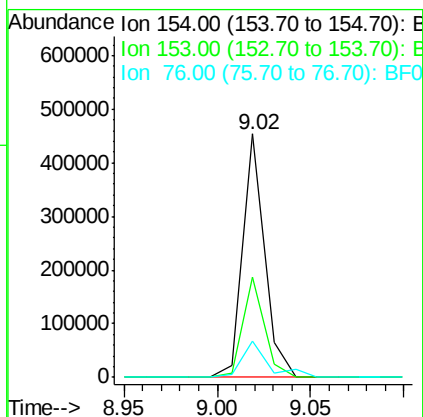
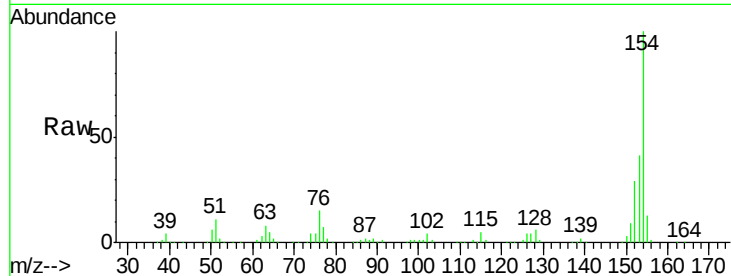




#45
 1,1'-Biphenyl
 Concen: 35.62 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

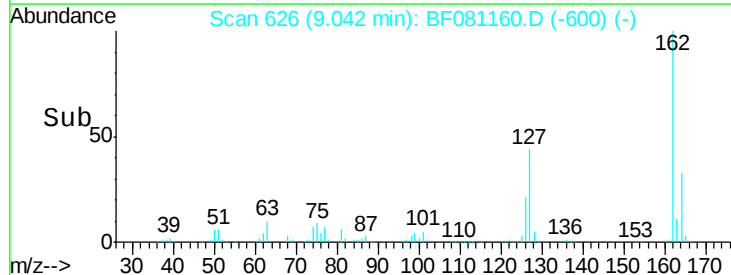
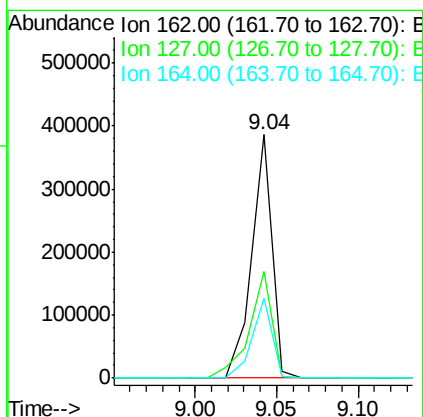
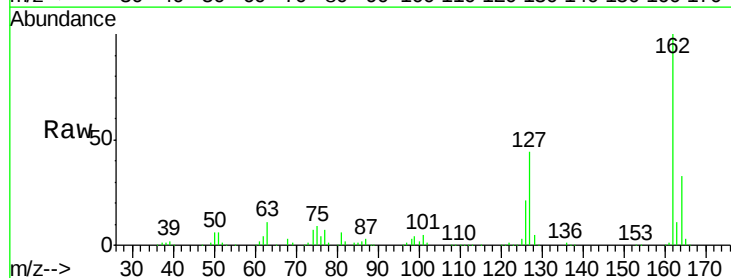
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 372030
 Ion Ratio Lower Upper
 154 100
 153 40.9 19.5 59.5
 76 15.1 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 39.70 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:162 Resp: 333129
 Ion Ratio Lower Upper
 162 100
 127 43.8 31.3 46.9
 164 32.6 26.3 39.5

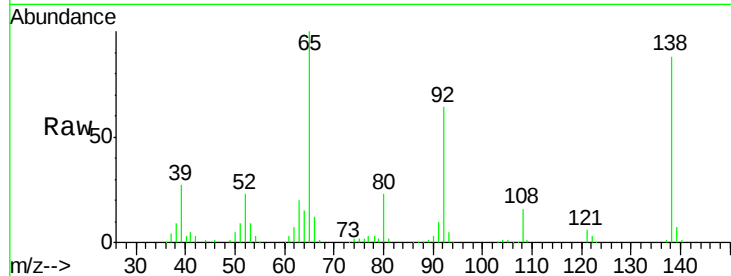




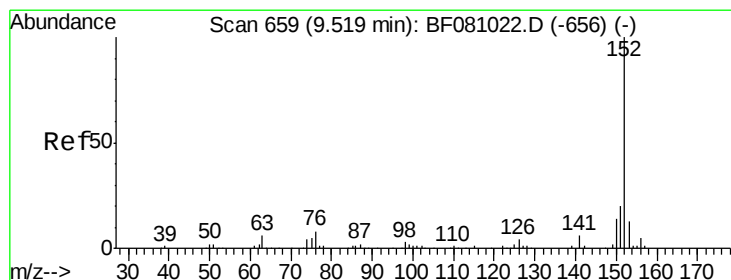
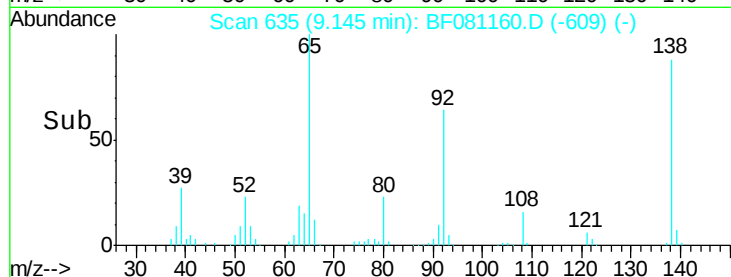
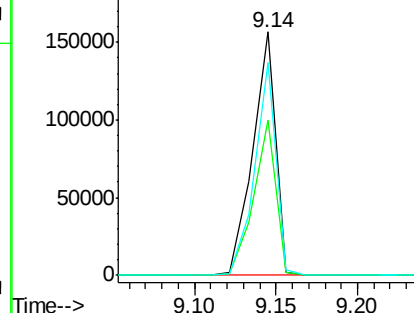
#47
2-Nitroaniline
Concen: 44.44 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 152577
Ion Ratio Lower Upper
65 100
92 63.6 45.6 68.4
138 87.7 57.9 86.9#

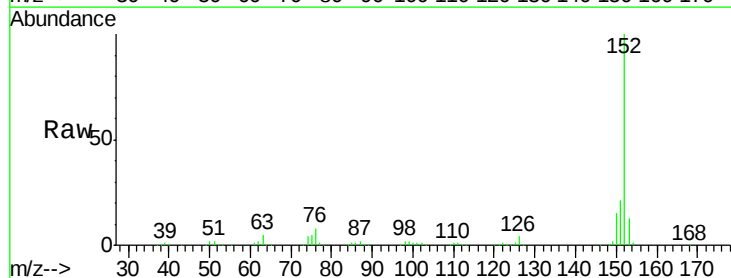


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

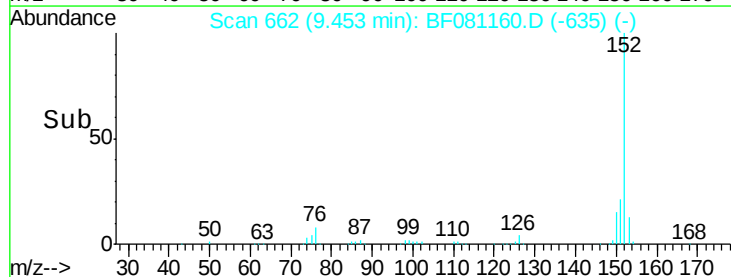
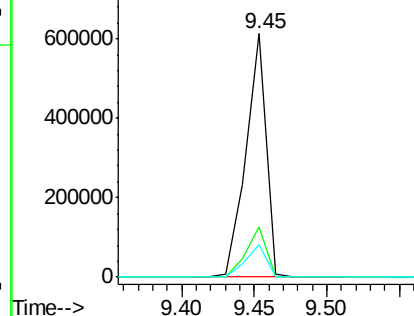


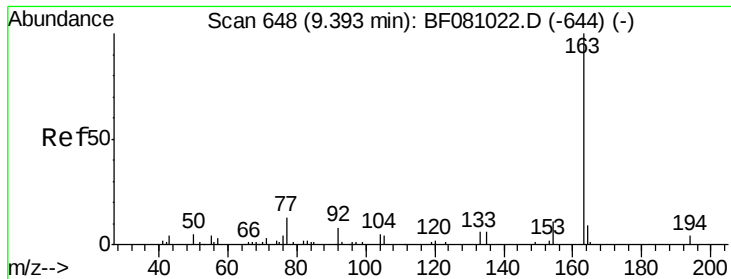
#48
Acenaphthylene
Concen: 39.22 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:152 Resp: 588672
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.1 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

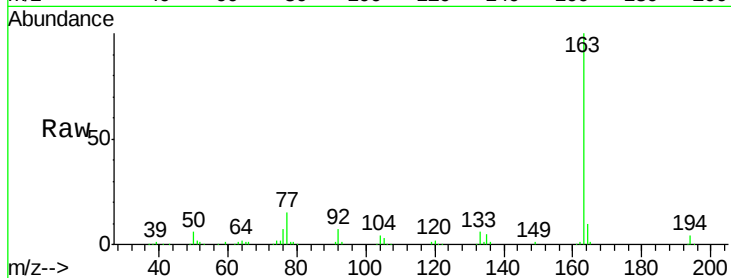




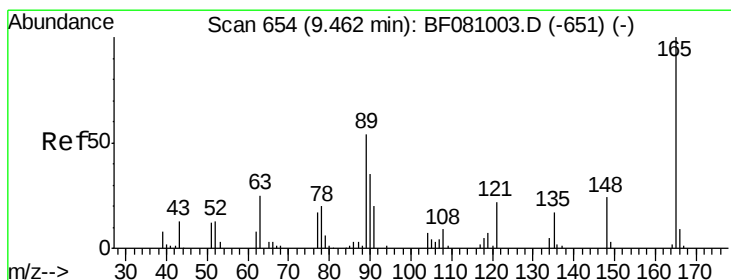
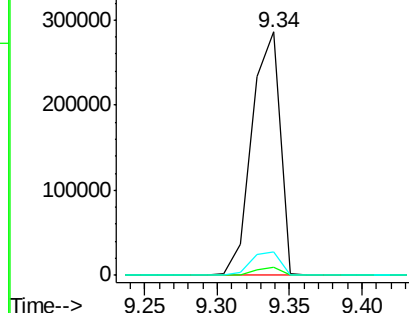
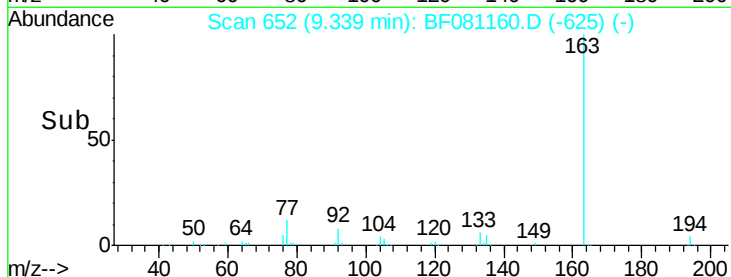
#49
Dimethylphthalate
Concen: 39.26 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 383341
Ion Ratio Lower Upper
163 100
194 3.6 2.5 3.7
164 9.6 8.1 12.1

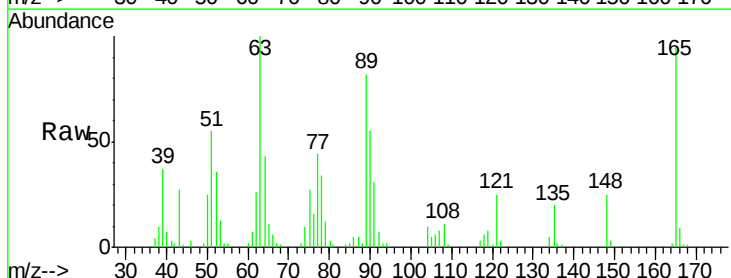


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

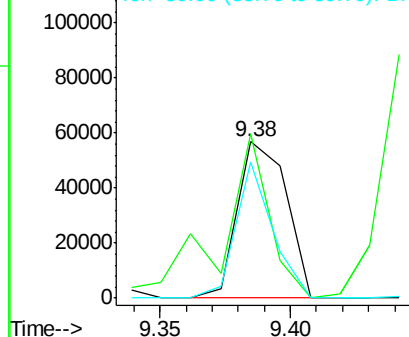
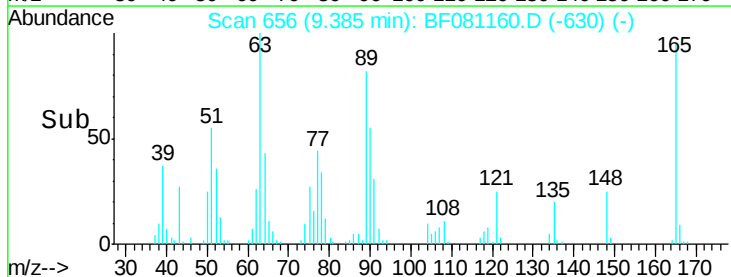


#50
2,6-Dinitrotoluene
Concen: 35.38 ng
RT: 9.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:165 Resp: 74168
Ion Ratio Lower Upper
165 100
63 105.5 49.5 74.3#
89 87.0 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: 37.77 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

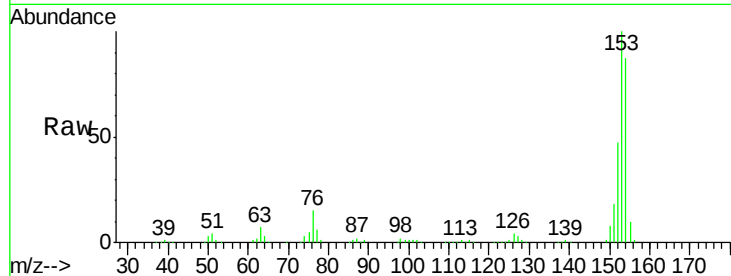
Tot Ion:154 Resp: 339423

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.2

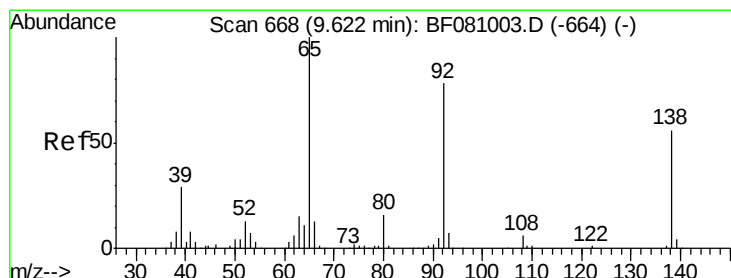
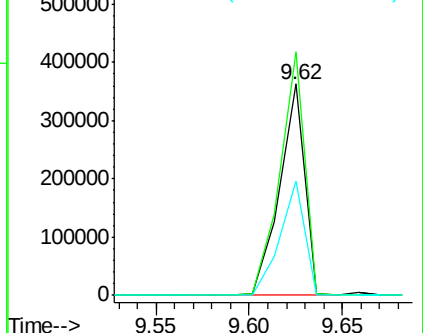
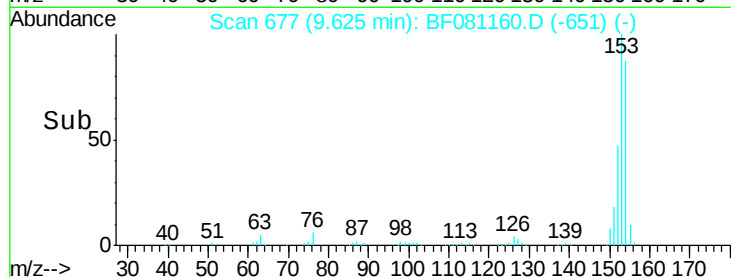
152 54.4 43.7 65.5



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: 44.29 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

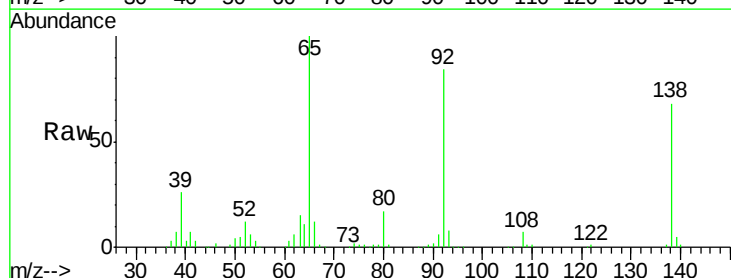
Tgt Ion:138 Resp: 116203

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

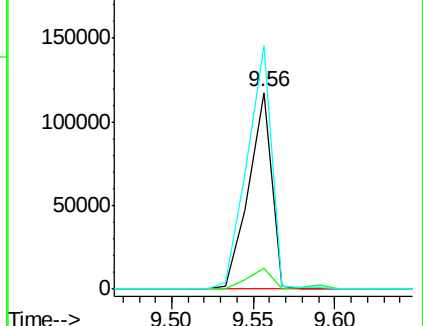
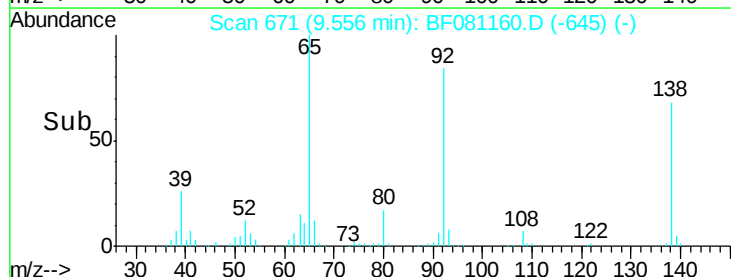
92 123.7 113.2 169.8



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

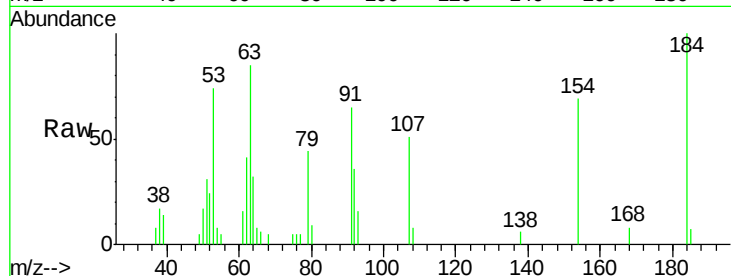




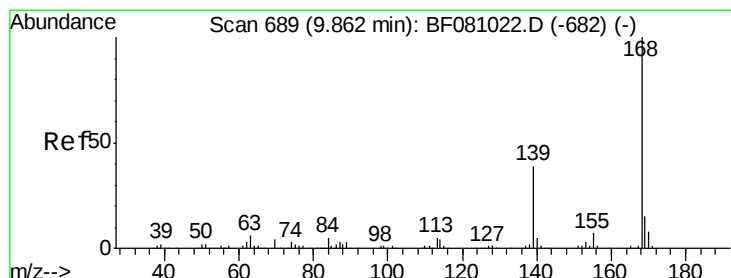
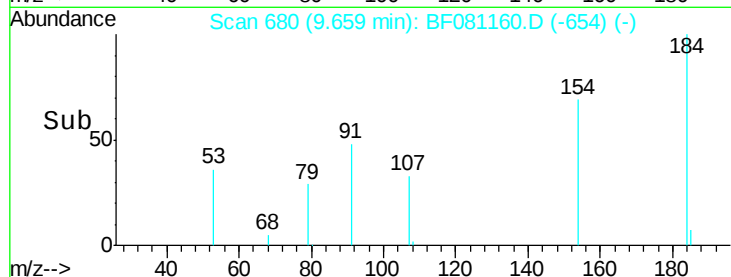
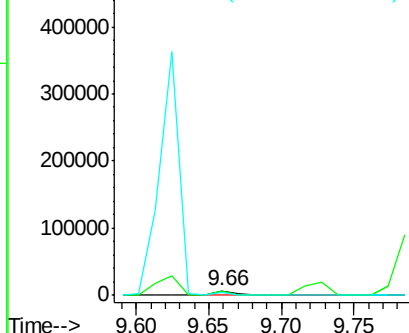
#53
2,4-Dinitrophenol
Concen: 9.19 ng
RT: 9.66 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6508
Ion Ratio Lower Upper
184 100
63 85.1 101.7 152.5#
154 69.1 67.4 101.0

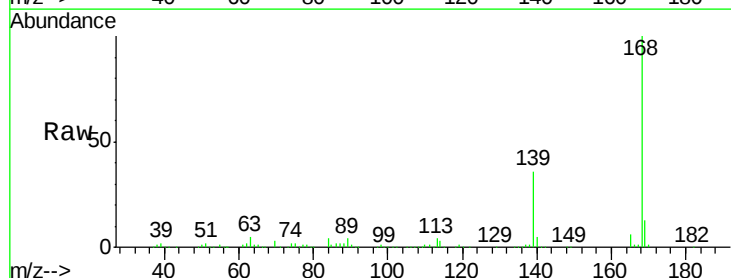


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

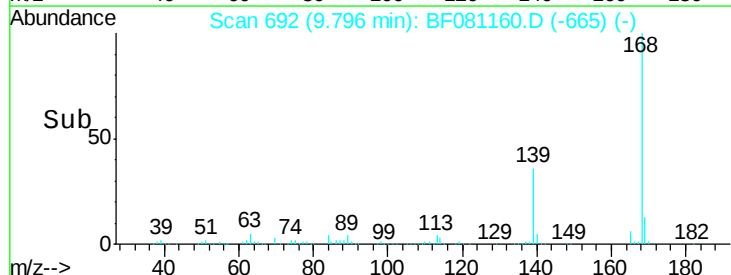
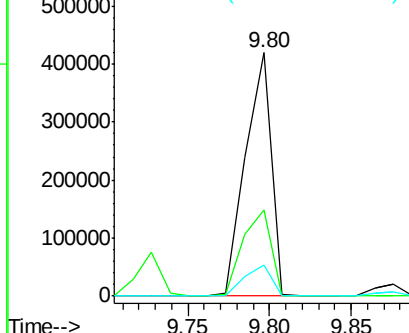


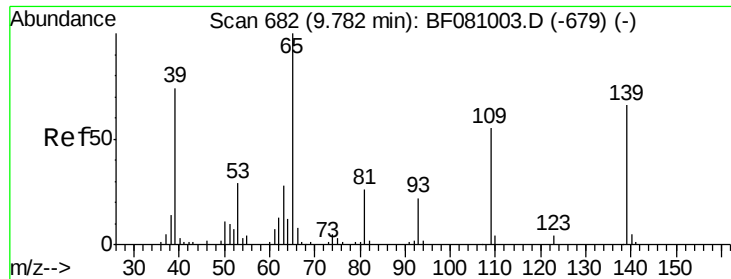
#54
Dibenzofuran
Concen: 38.10 ng
RT: 9.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:168 Resp: 458748
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 12.9 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

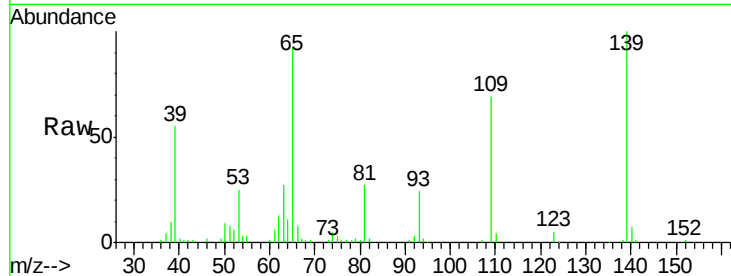




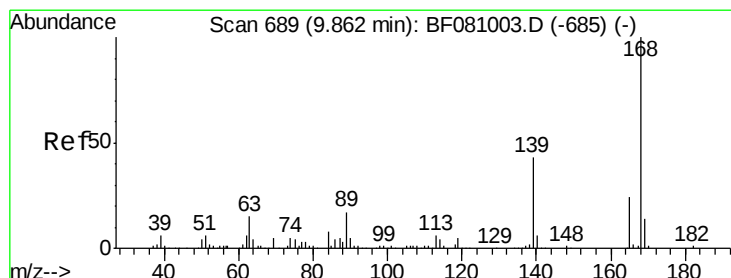
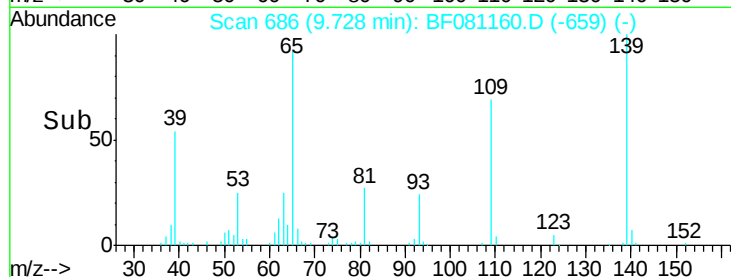
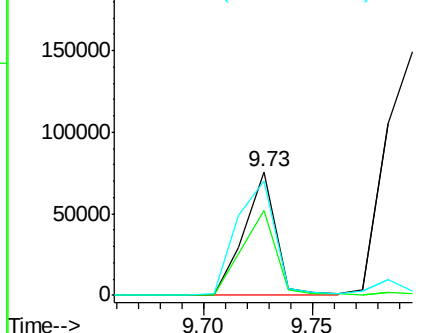
#55
4-Nitrophenol
Concen: 41.70 ng
RT: 9.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 76846
Ion Ratio Lower Upper
139 100
109 68.6 80.0 120.0#
65 92.4 138.3 178.3#

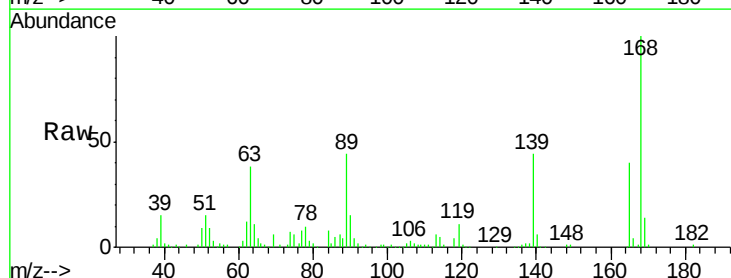


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

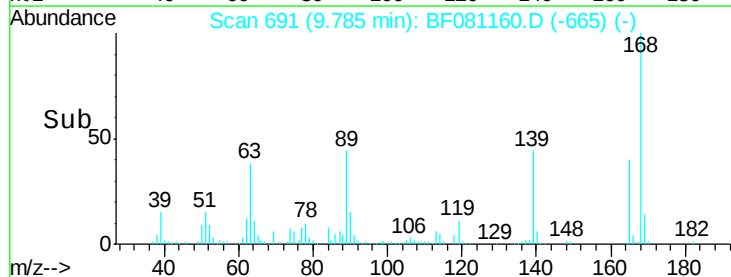
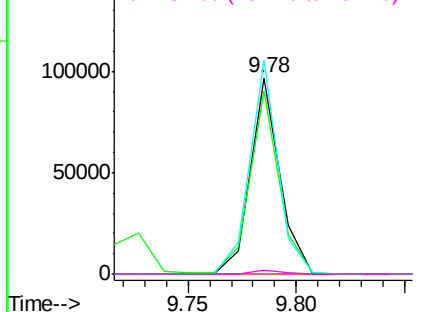


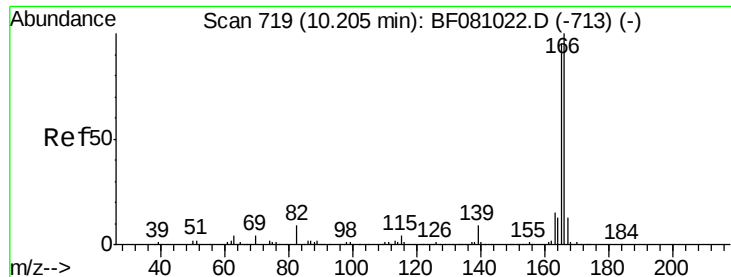
#56
2,4-Dinitrotoluene
Concen: 32.60 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:165 Resp: 90586
Ion Ratio Lower Upper
165 100
63 93.3 52.2 78.4#
89 108.7 60.1 90.1#
182 2.0 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.68 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

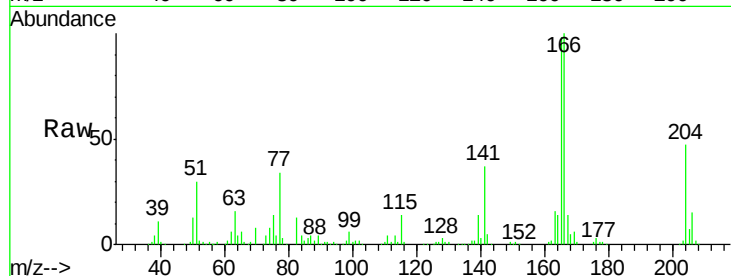
Tot Ion:166 Resp: 321232

Ion Ratio Lower Upper

166 100

165 97.6 75.8 113.8

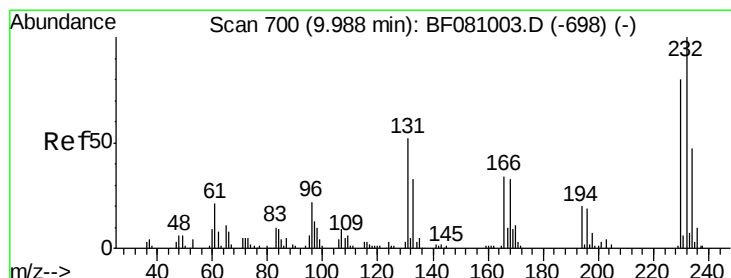
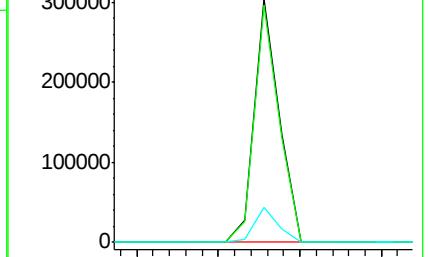
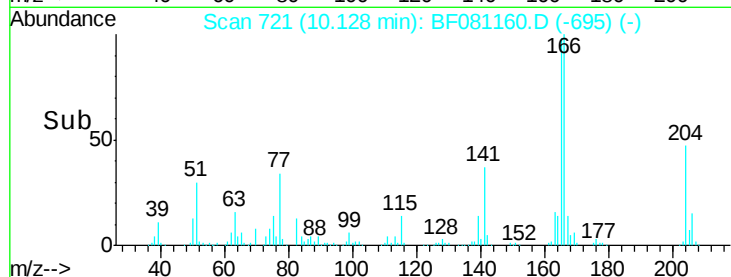
167 14.4 11.3 16.9



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: 42.49 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Tgt Ion:232 Resp: 88828

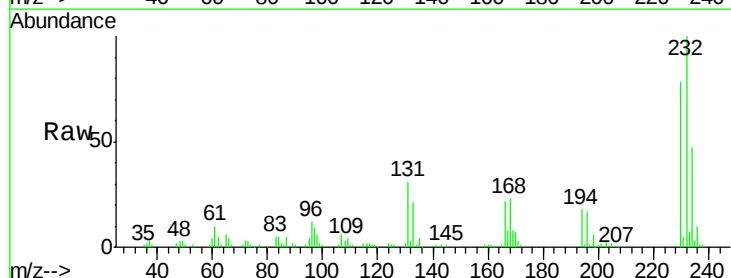
Ion Ratio Lower Upper

232 100

131 44.5 42.2 63.4

130 2.2 2.1 3.1

166 26.0 22.4 33.6

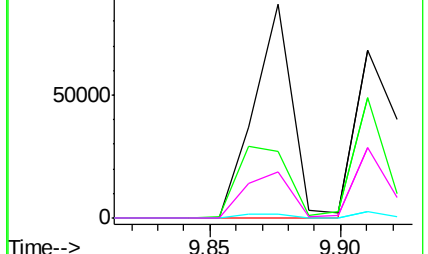
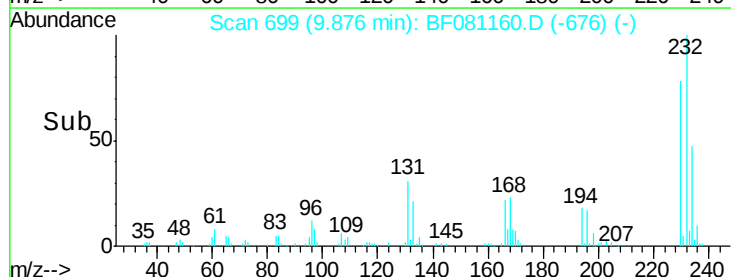


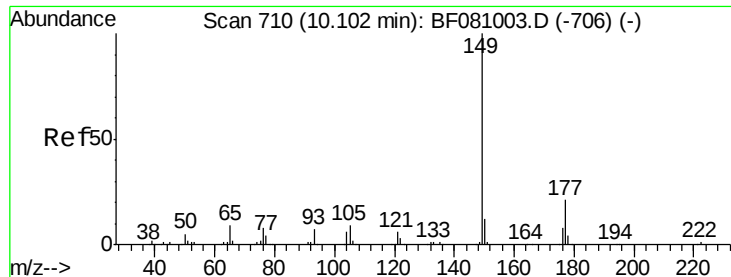
Abundance Ion 232.00 (231.70 to 232.70): E

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

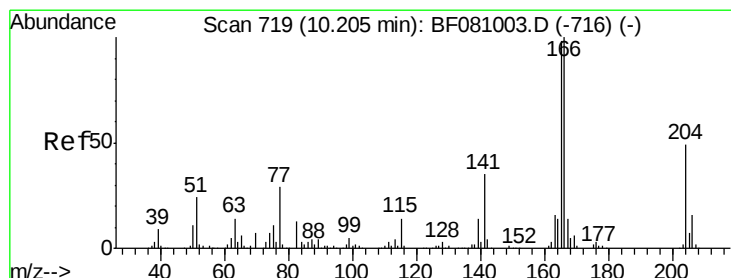
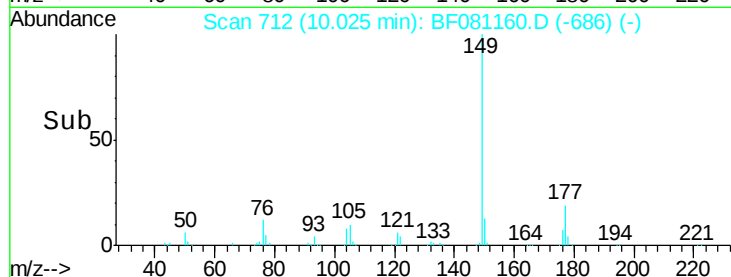
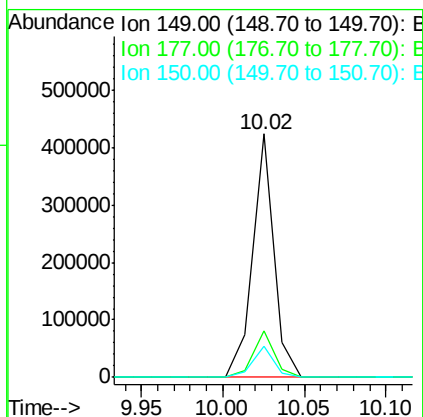
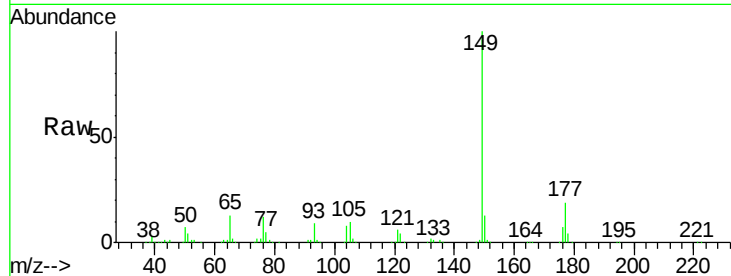




#59
Diethylphthalate
Concen: 37.15 ng
RT: 10.02 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

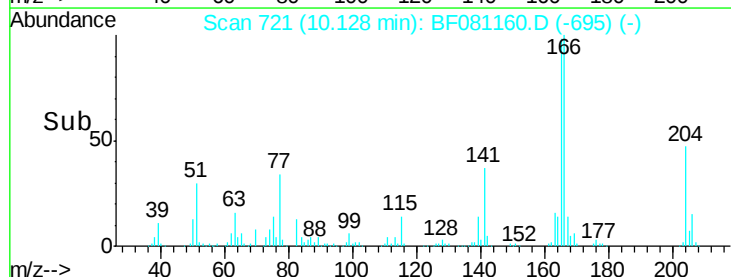
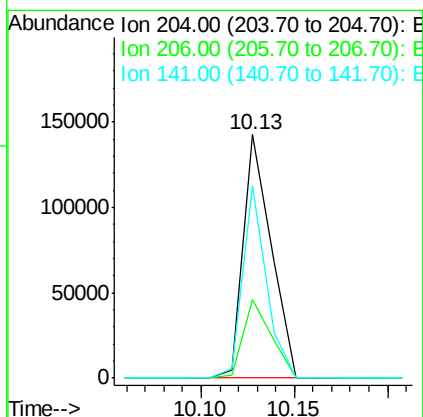
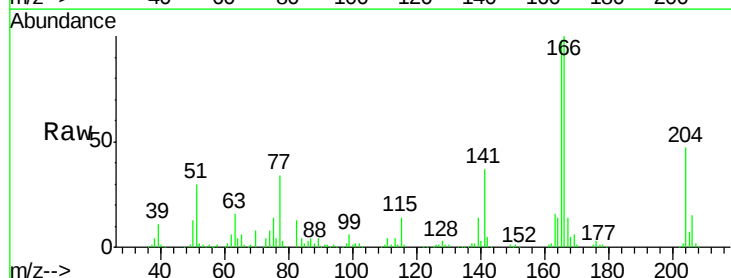
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.0	14.1	21.1
150	12.7	10.3	15.5



#60
4-Chlorophenyl-phenylether
Concen: 37.65 ng
RT: 10.13 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.2	39.2
141	79.1	59.6	89.4

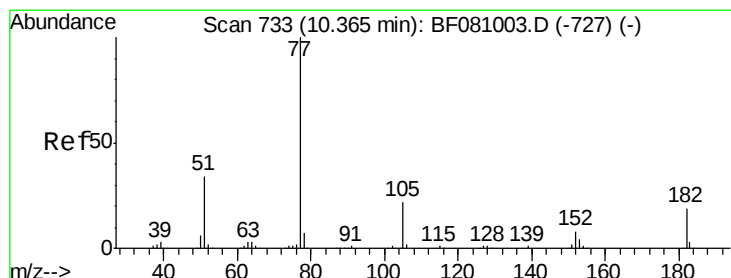
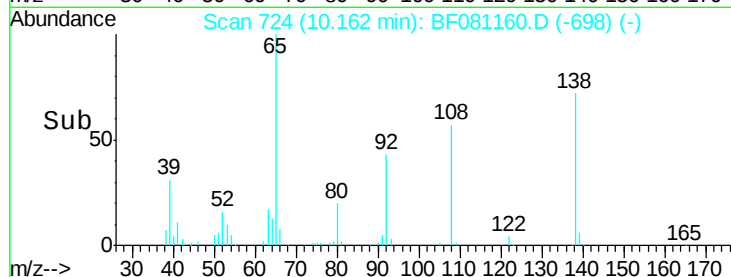
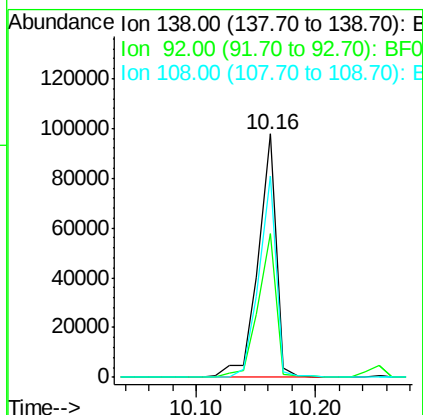
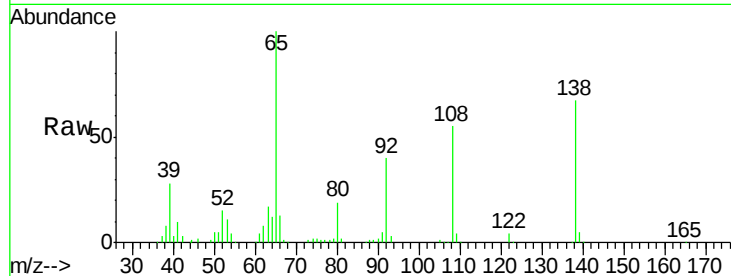




#61
4-Nitroaniline
Concen: 39.15 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

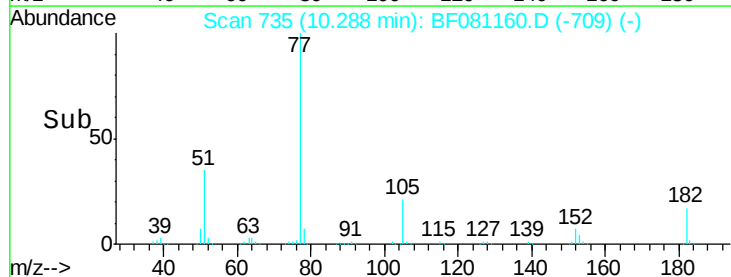
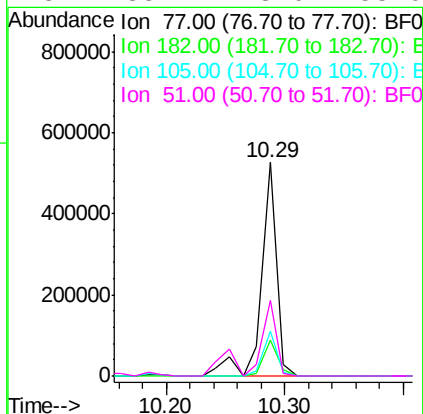
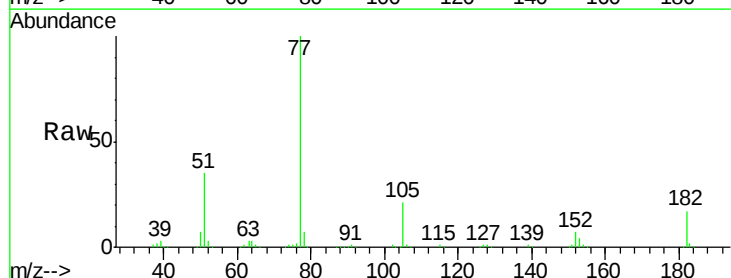
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 104973
Ion Ratio Lower Upper
138 100
92 59.3 34.7 74.7
108 82.5 68.9 108.9



#62
Azobenzene
Concen: 40.05 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion: 77 Resp: 476958
Ion Ratio Lower Upper
77 100
182 16.9 0.0 39.0
105 20.9 0.2 40.2
51 35.2 18.0 58.0

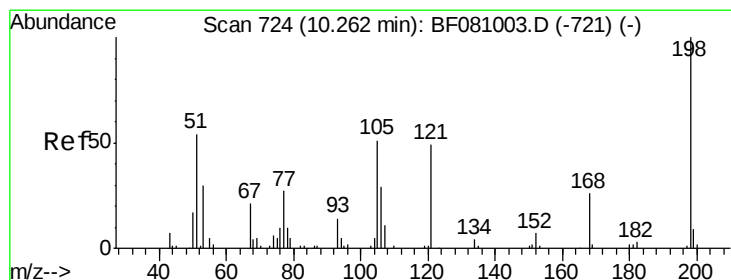
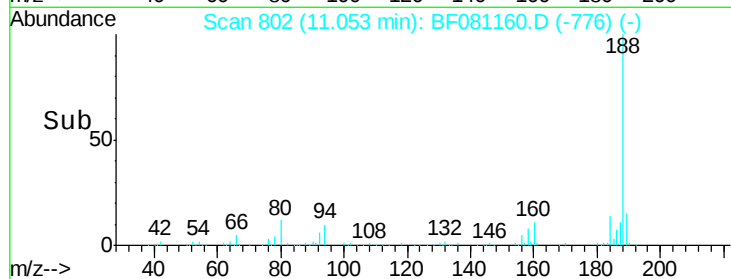
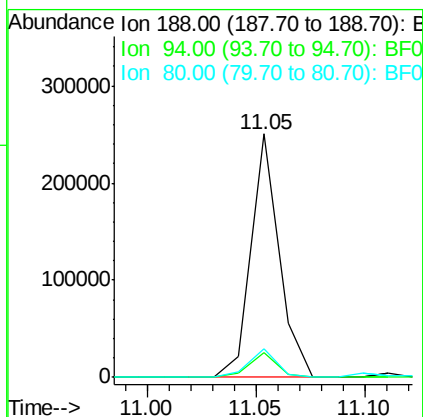
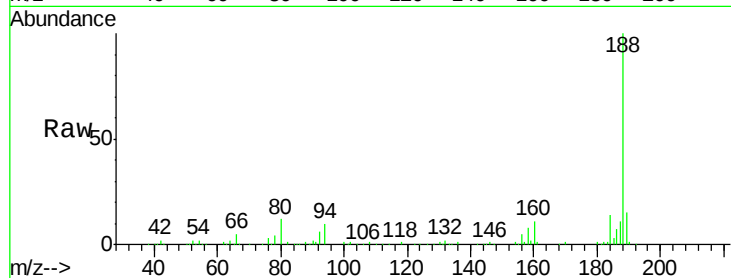




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

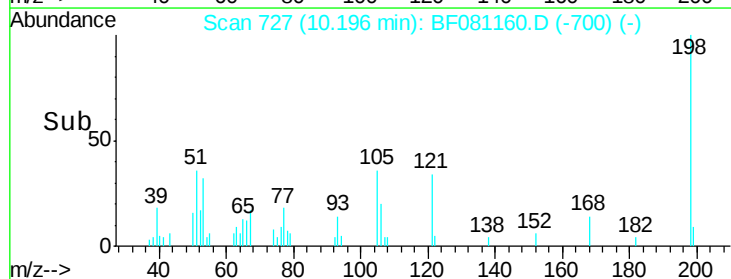
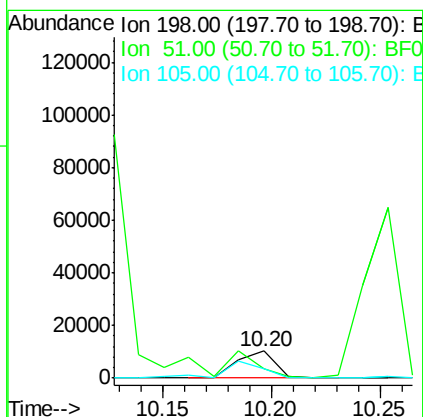
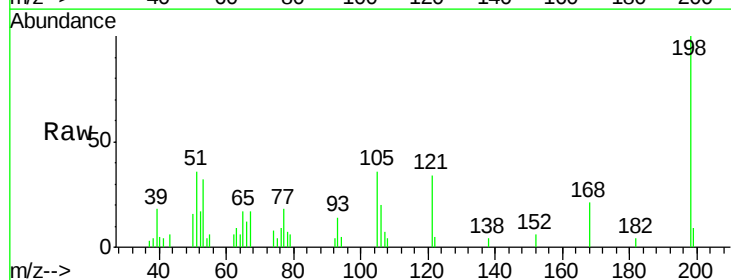
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 226241
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.2 12.2
 80 11.5 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.19 ng
 RT: 10.20 min Scan# 727
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:198 Resp: 12420
 Ion Ratio Lower Upper
 198 100
 51 36.4 79.7 119.7#
 105 35.9 47.0 87.0#

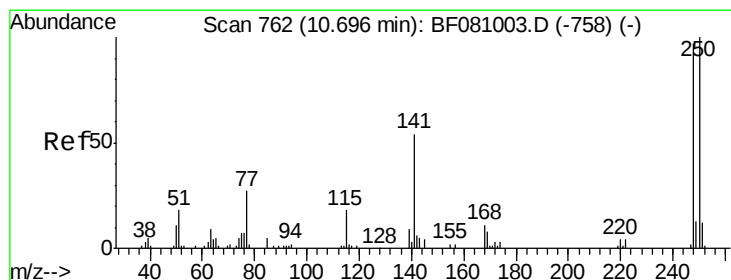
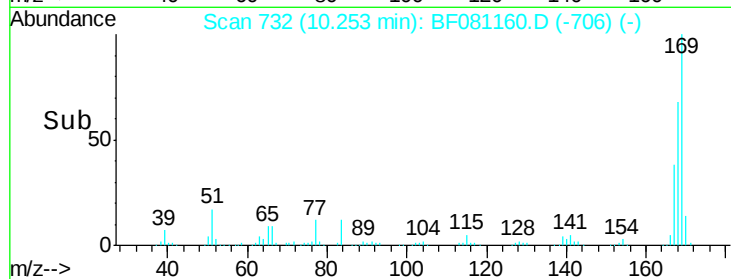
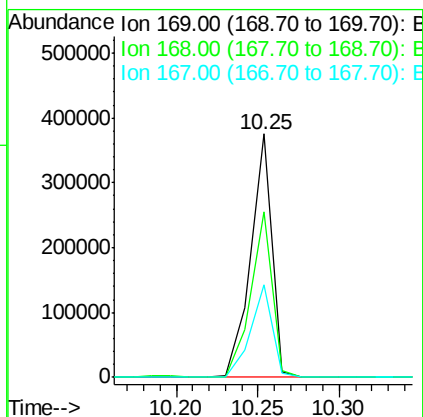
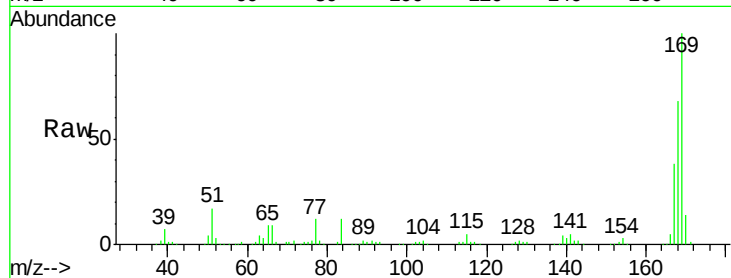




#65
 n-Nitrosodiphenylamine
 Concen: 41.97 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

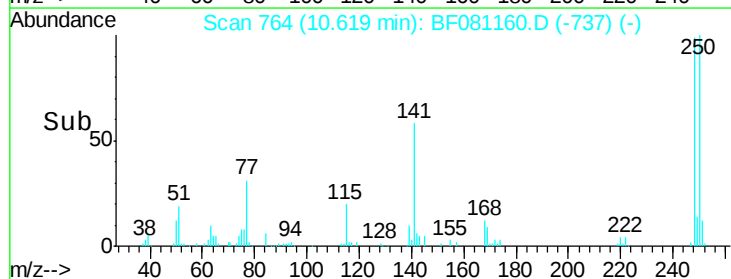
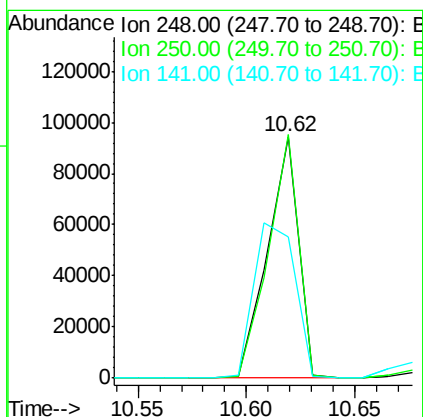
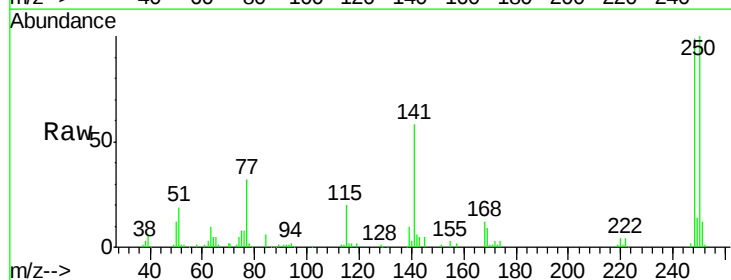
Instrument :
 BNA_F
 ClientSampled :

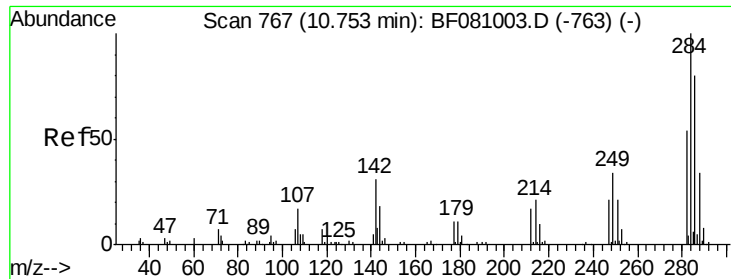
Tot Ion:169 Resp: 338981
 Ion Ratio Lower Upper
 169 100
 168 68.1 55.3 82.9
 167 38.2 30.8 46.2



#66
 4-Bromophenyl-phenylether
 Concen: 42.67 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:248 Resp: 94837
 Ion Ratio Lower Upper
 248 100
 250 100.8 77.8 116.6
 141 58.6 39.8 59.6

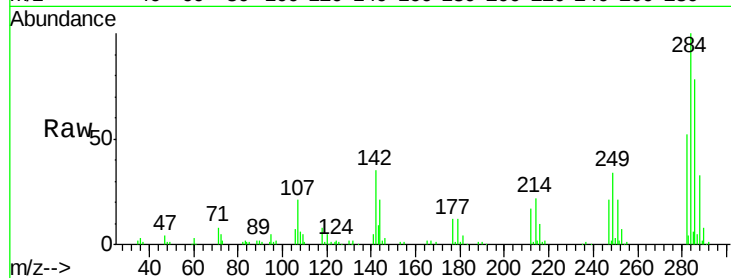




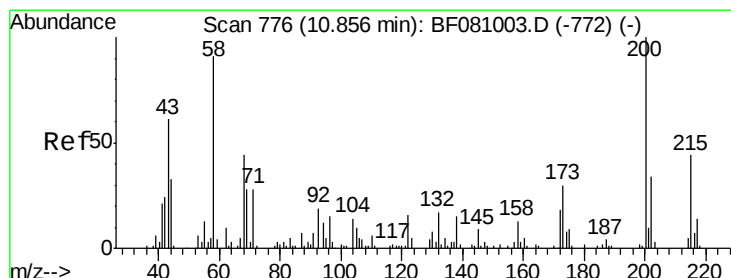
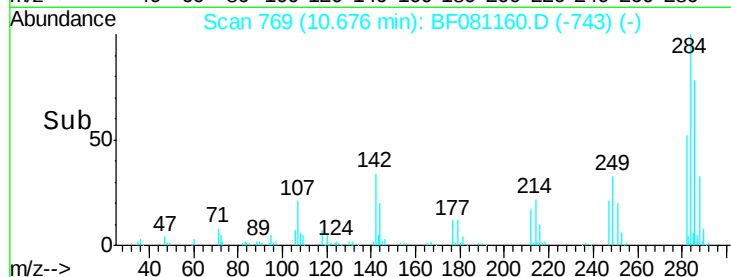
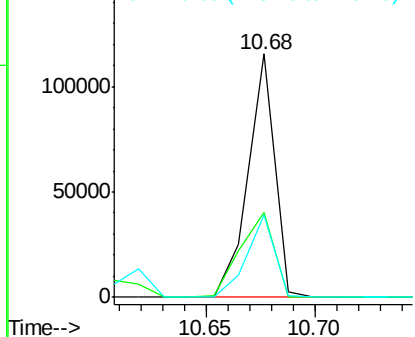
#67
Hexachlorobenzene
Concen: 43.68 ng
RT: 10.68 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 98327
Ion Ratio Lower Upper
284 100
142 35.0 25.4 38.0
249 33.6 28.5 42.7

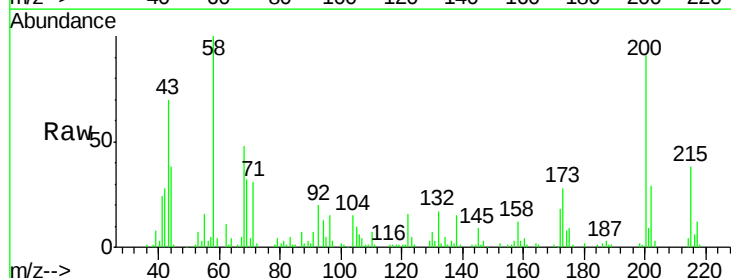


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

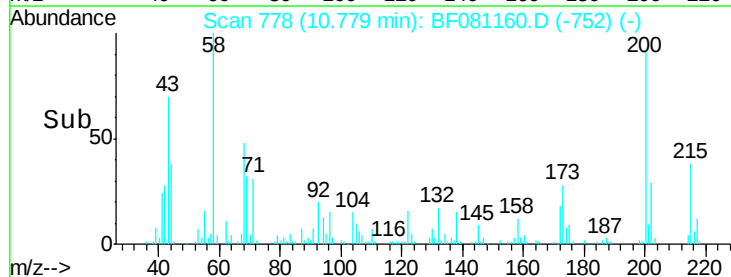
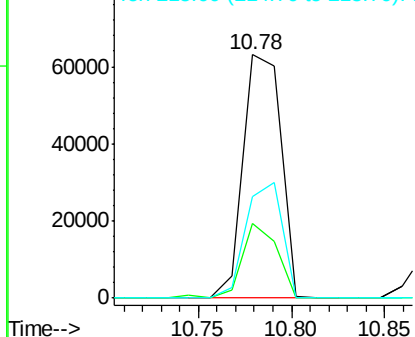


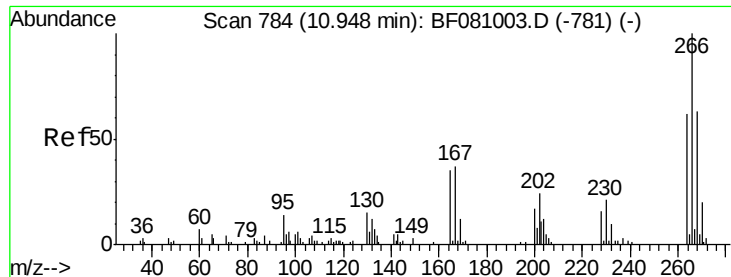
#68
Atrazine
Concen: 39.46 ng
RT: 10.78 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:200 Resp: 88797
Ion Ratio Lower Upper
200 100
173 30.8 8.1 48.1
215 41.6 23.3 63.3



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

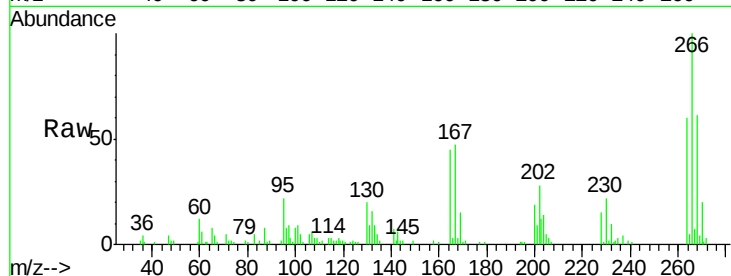




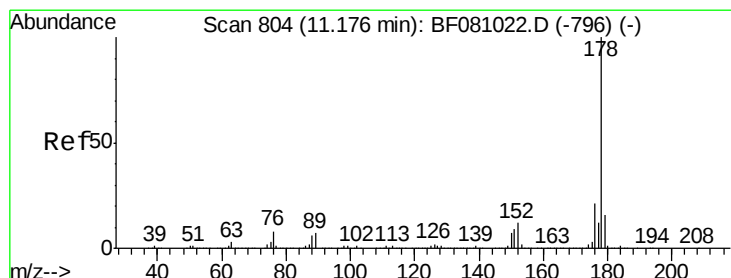
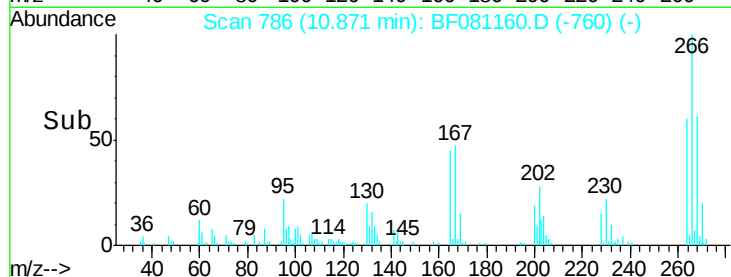
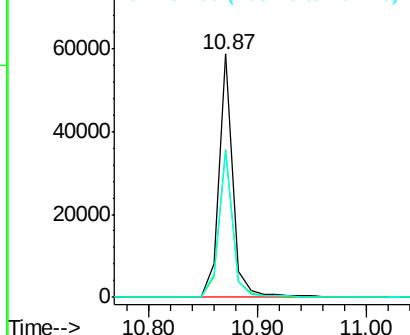
#69
 Pentachlorophenol
 Concen: 39.01 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.2	76.8
264	59.9	50.6	75.8

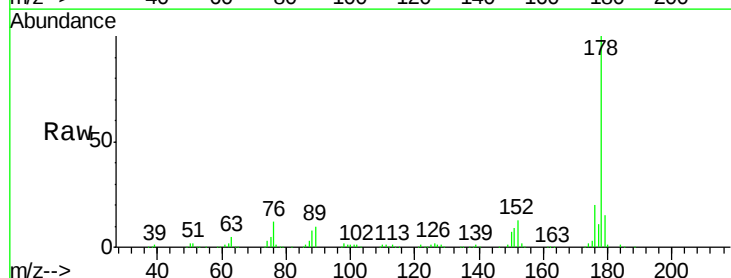


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

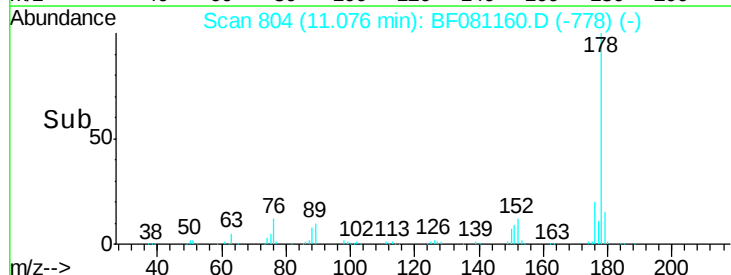
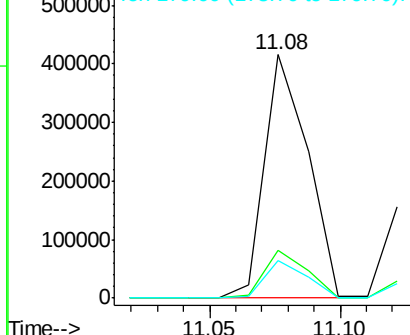


#70
 Phenanthrene
 Concen: 35.32 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.4	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: 41.78 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

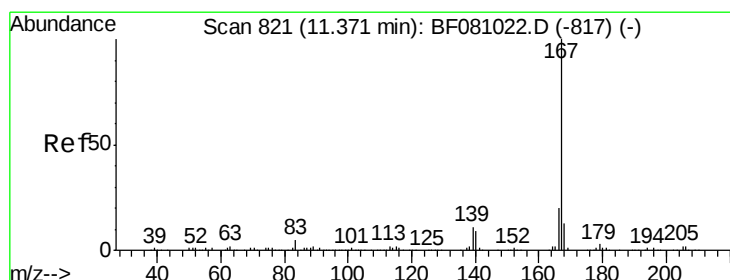
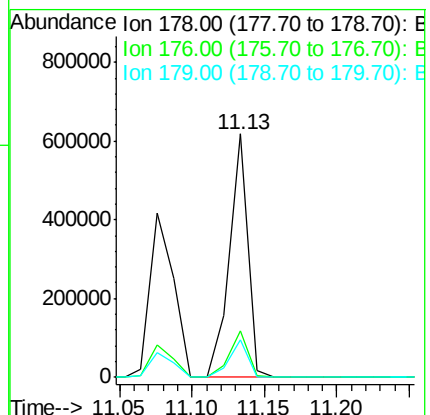
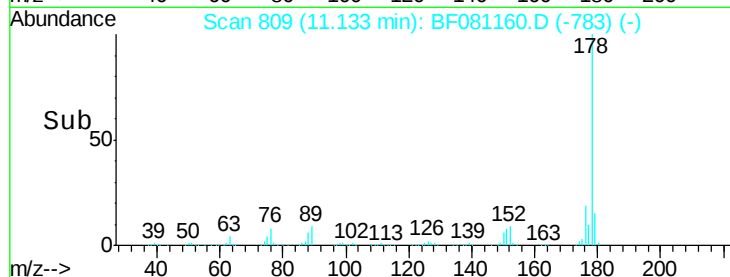
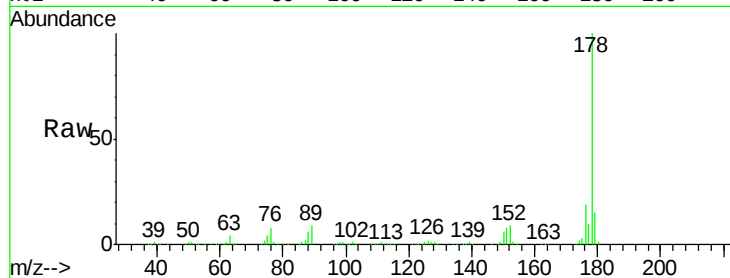
Tot Ion:178 Resp: 545138

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.2 12.7 19.1



#72

Carbazole

Concen: 41.99 ng

RT: 11.29 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

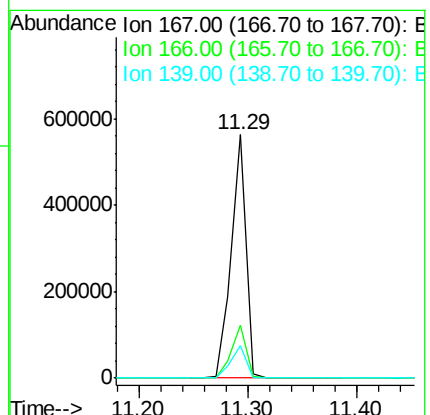
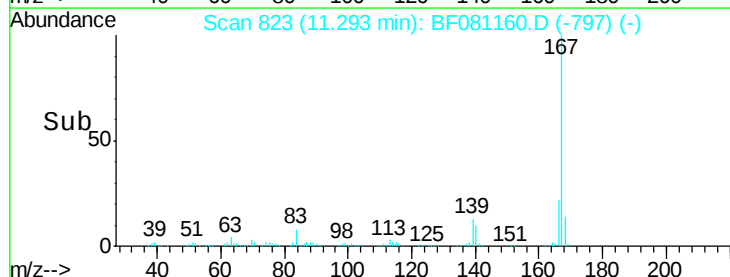
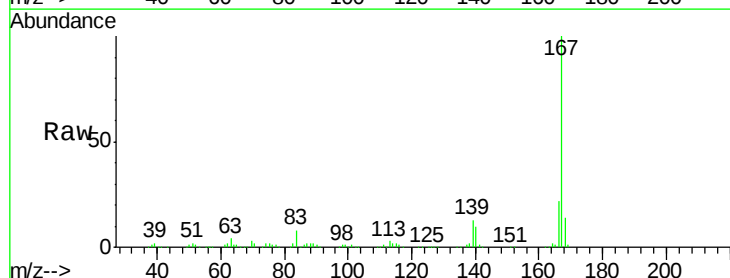
Tgt Ion:167 Resp: 527477

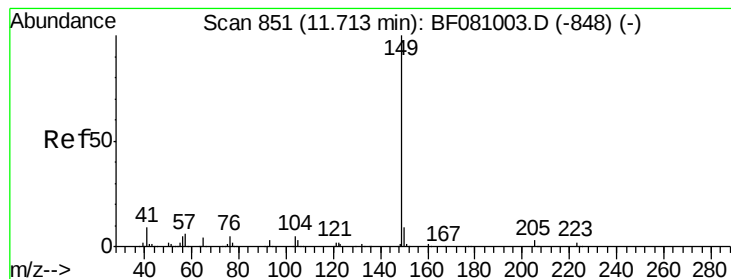
Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

139 13.4 10.6 16.0





#73

Di-n-butylphthalate

Concen: 41.26 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

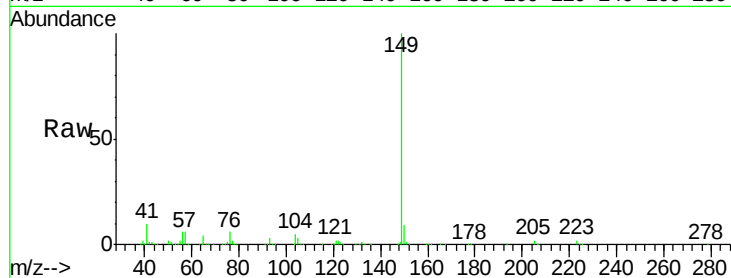
Tot Ion:149 Resp: 627153

Ion Ratio Lower Upper

149 100

150 9.4 7.1 10.7

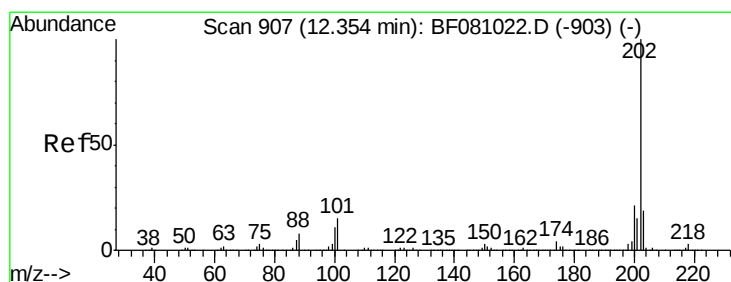
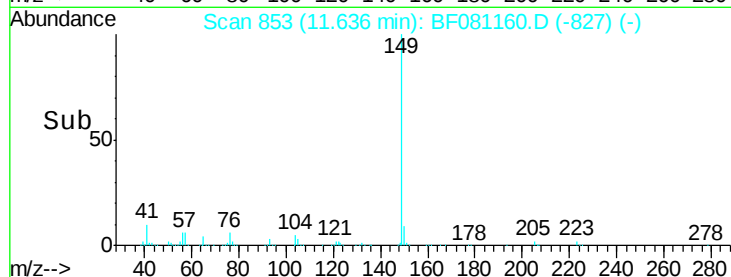
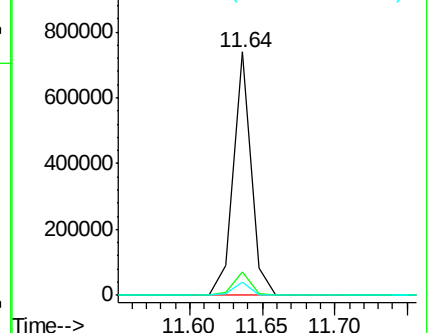
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.00 ng

RT: 12.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

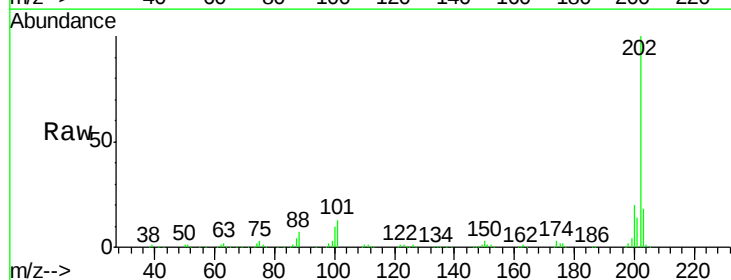
Tgt Ion:202 Resp: 477498

Ion Ratio Lower Upper

202 100

101 13.0 0.0 24.8

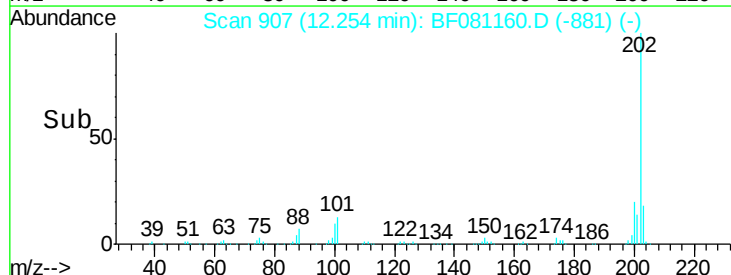
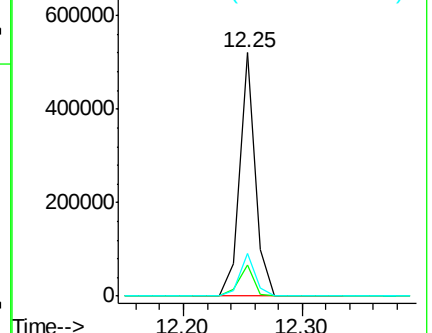
203 17.7 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

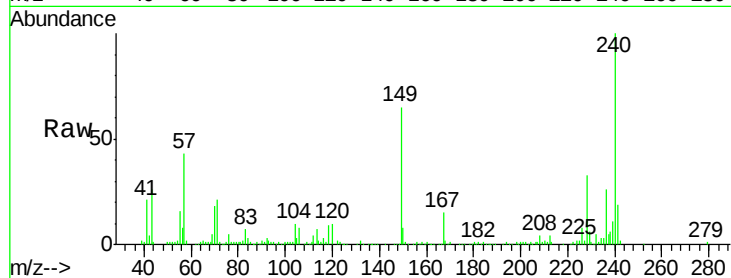
Tot Ion:240 Resp: 151778

Ion Ratio Lower Upper

240 100

120 9.9 5.6 8.4#

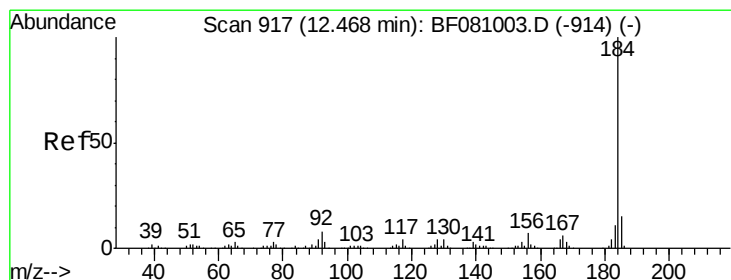
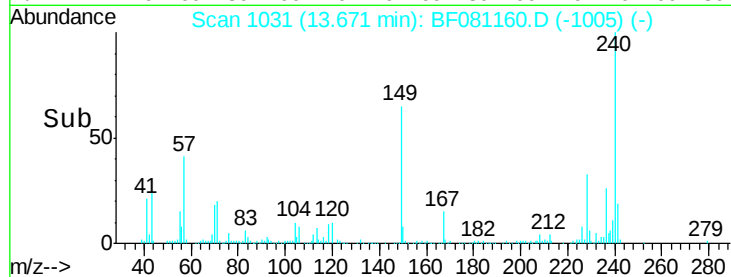
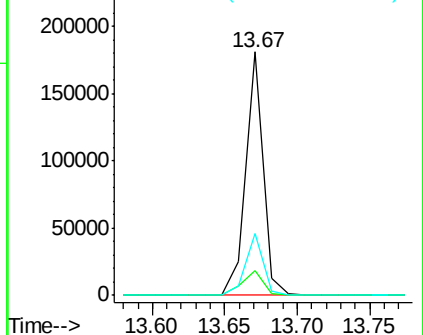
236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.22 ng

RT: 12.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

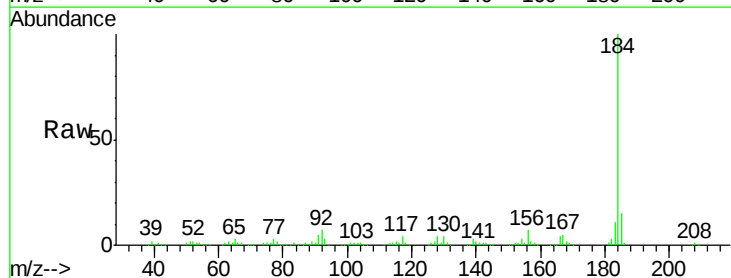
Tgt Ion:184 Resp: 282230

Ion Ratio Lower Upper

184 100

185 14.7 12.0 18.0

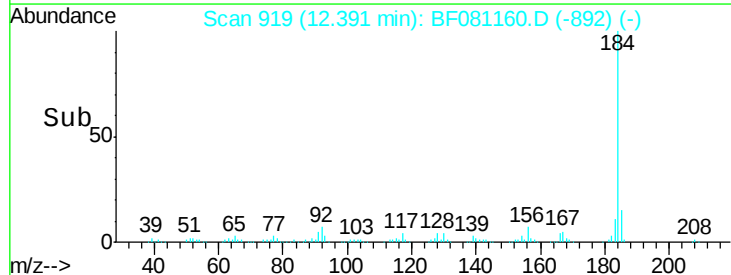
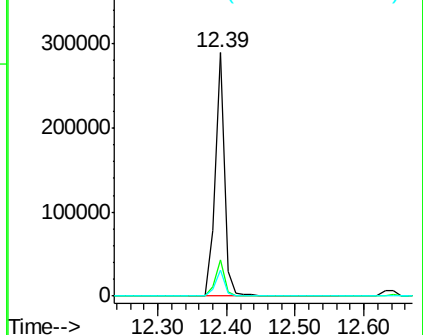
183 10.9 8.9 13.3

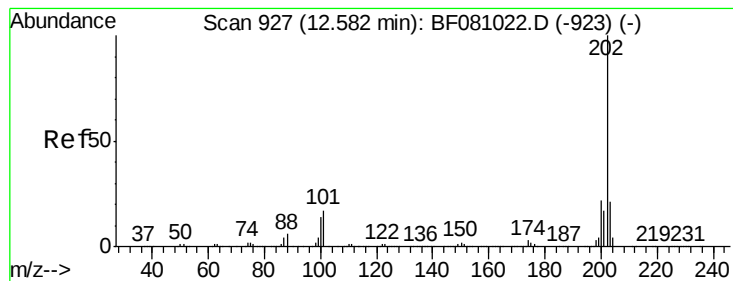


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.95 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

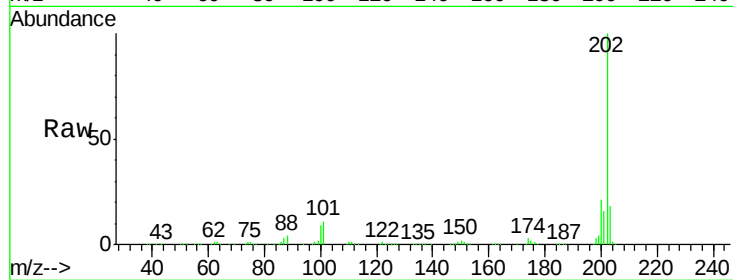
Tot Ion:202 Resp: 554673

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

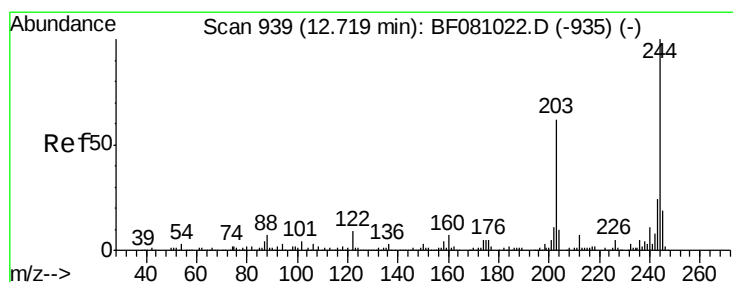
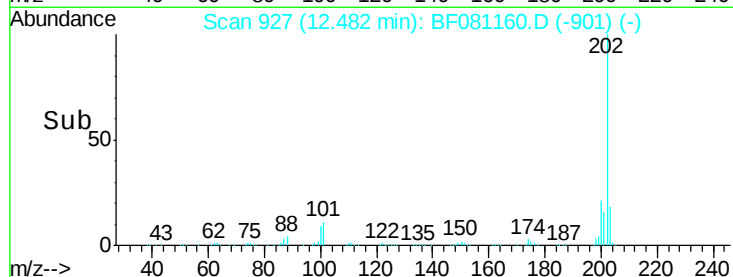
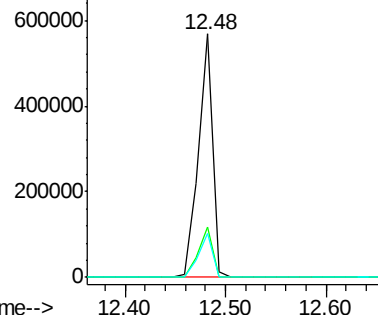
203 17.8 14.1 21.1



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: 95.63 ng

RT: 12.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

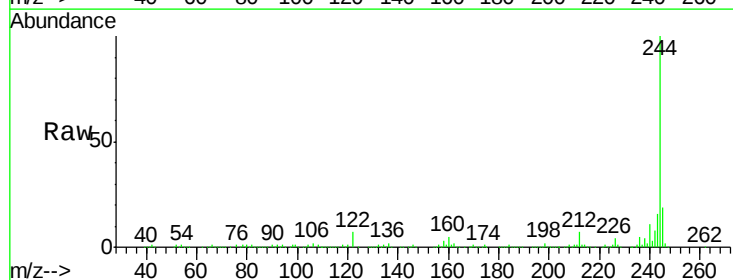
Tgt Ion:244 Resp: 677016

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

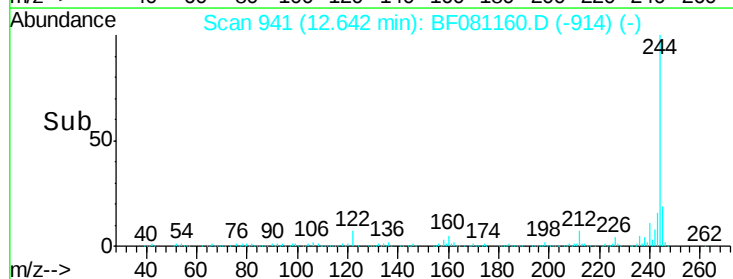
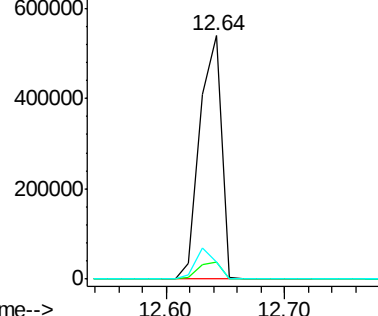
122 6.8 8.2 12.4#



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

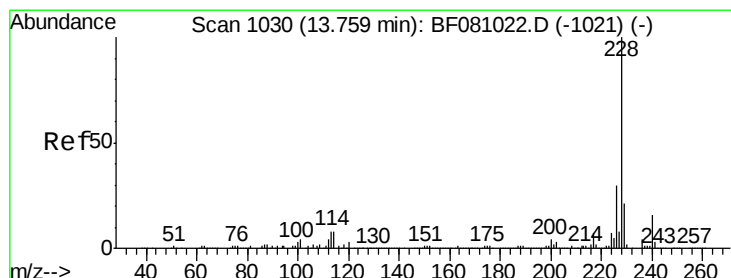
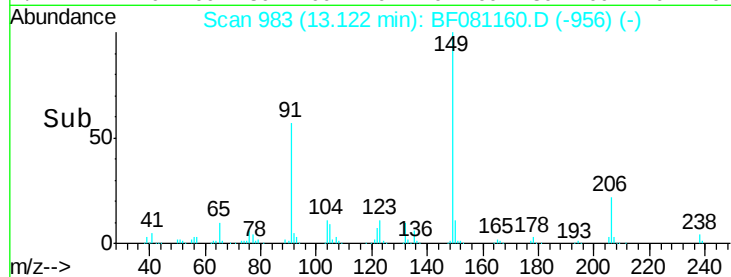
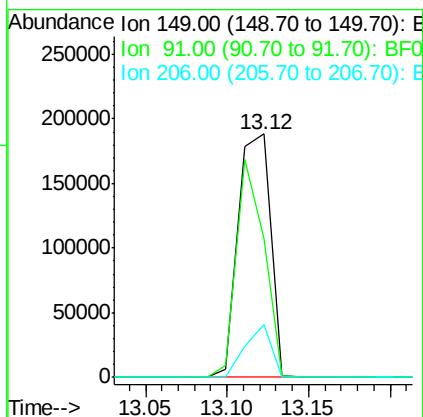
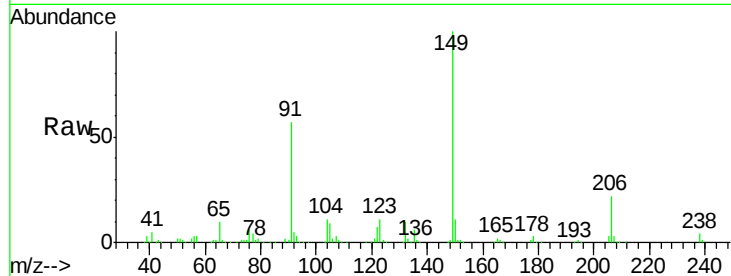




#79
Butylbenzylphthalate
Concen: 48.56 ng
RT: 13.12 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

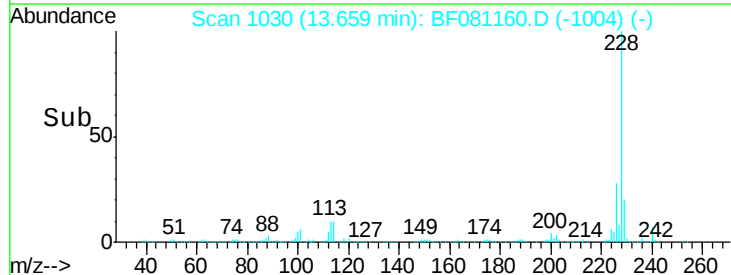
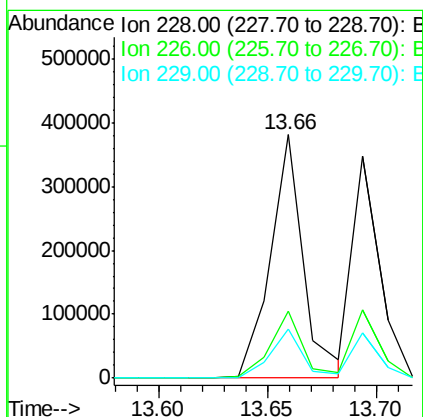
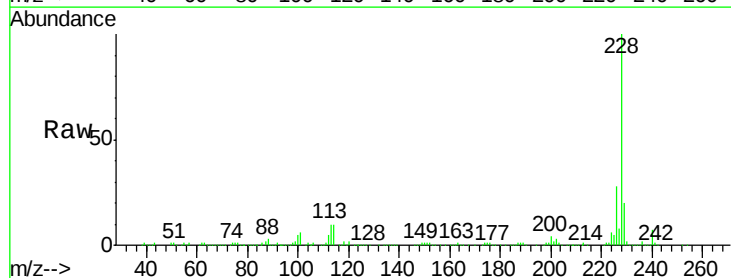
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 257550
Ion Ratio Lower Upper
149 100
91 57.2 46.9 70.3
206 21.7 17.0 25.4



#80
Benzo(a)anthracene
Concen: 40.04 ng
RT: 13.66 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:228 Resp: 407546
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.9 15.9 23.9

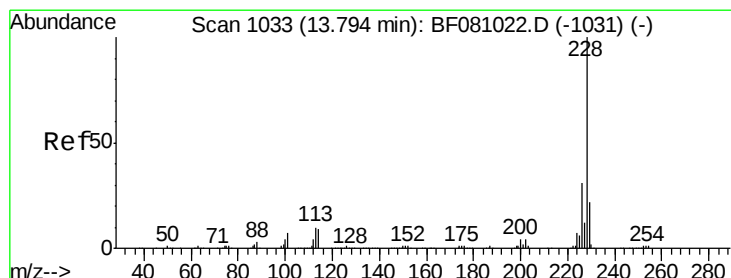
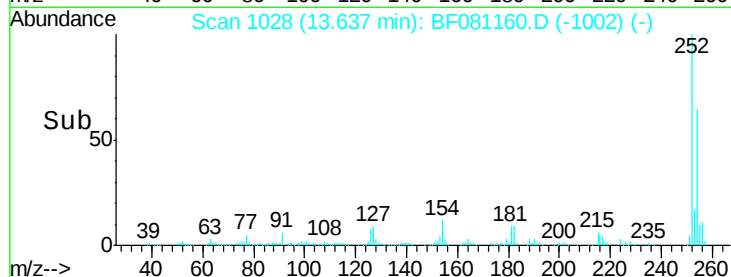
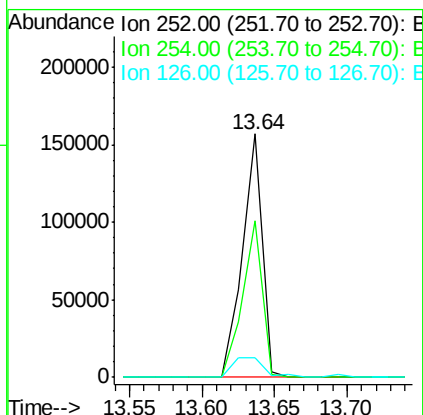
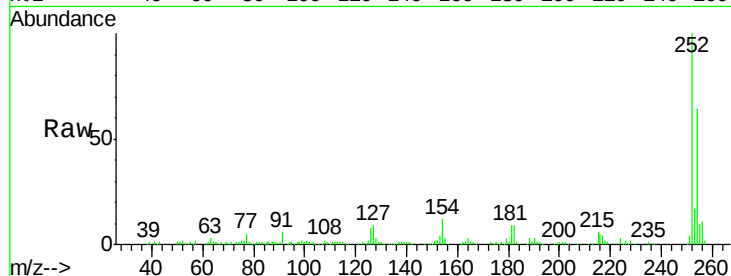




#81
 3,3'-Dichlorobenzidine
 Concen: 45.43 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

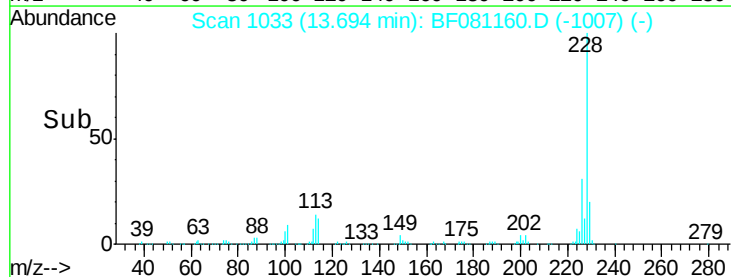
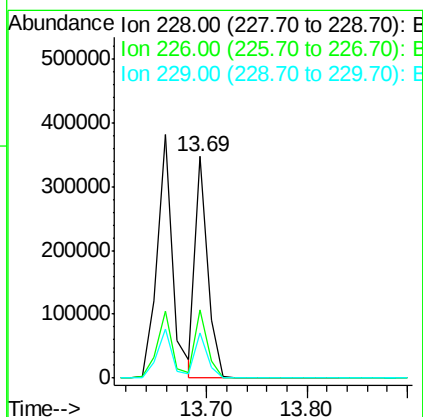
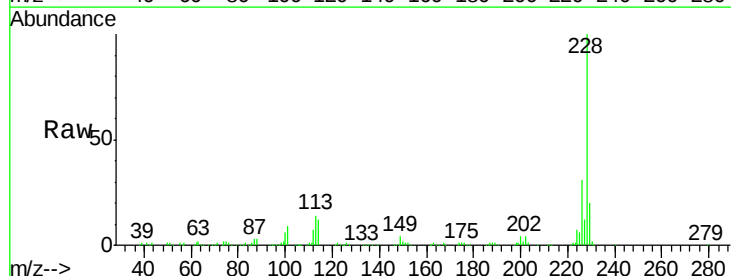
Instrument :
 BNA_F
 ClientSampleId :

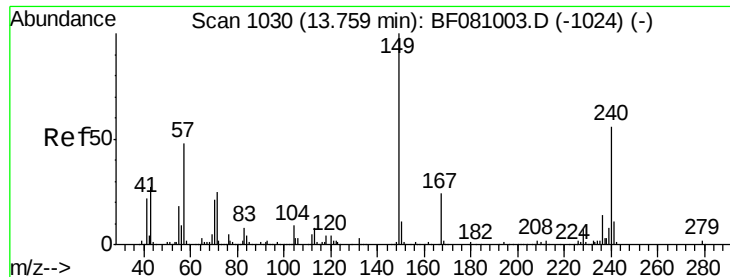
Tot Ion:252 Resp: 149771
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 8.1 12.5 18.7#



#82
 Chrysene
 Concen: 33.41 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:228 Resp: 306454
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.4 36.6
 229 20.3 16.0 24.0

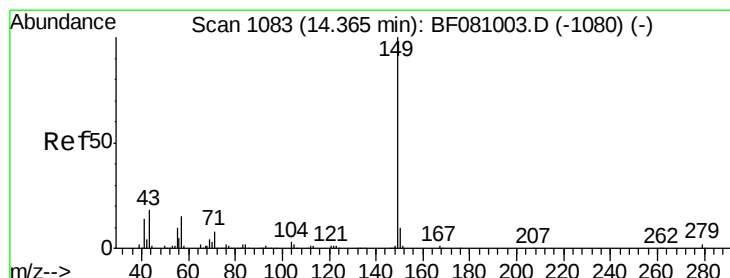
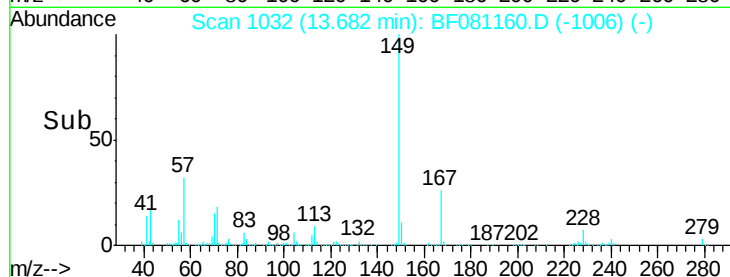
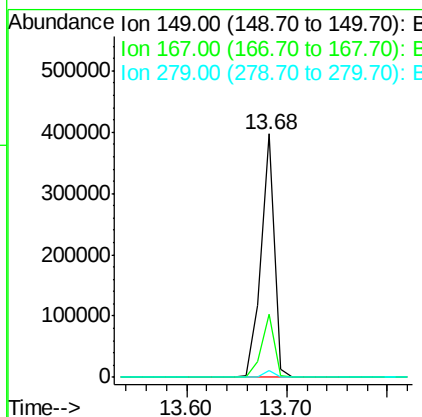
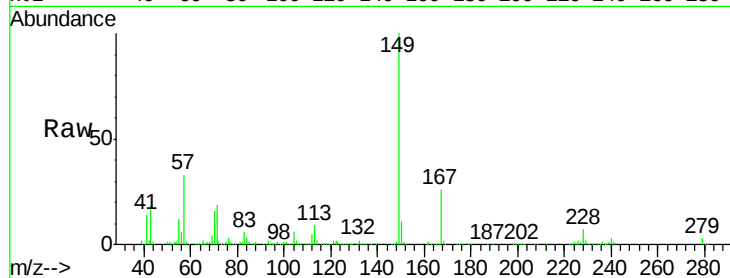




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.05 ng
 RT: 13.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

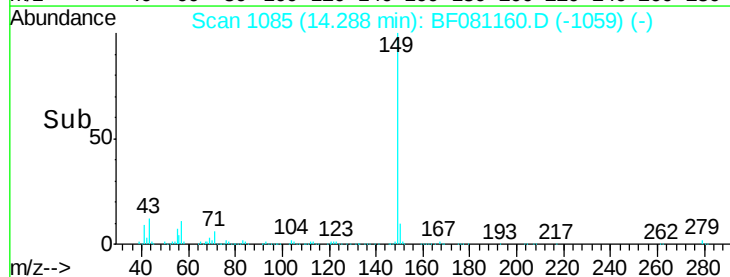
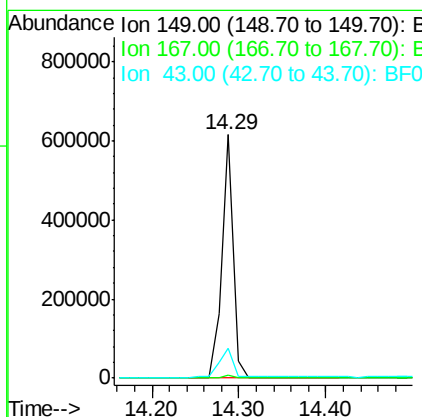
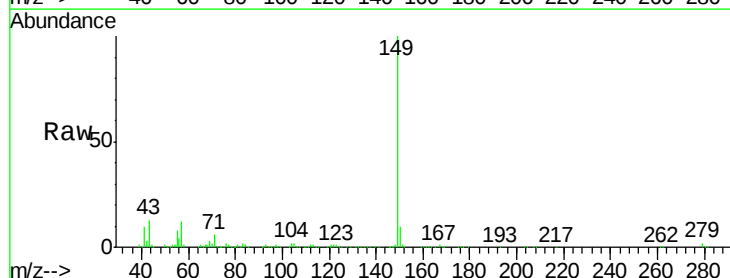
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 367159
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.7 31.1
 279 2.5 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 55.19 ng
 RT: 14.29 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion:149 Resp: 569878
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 15.7 11.6 17.4

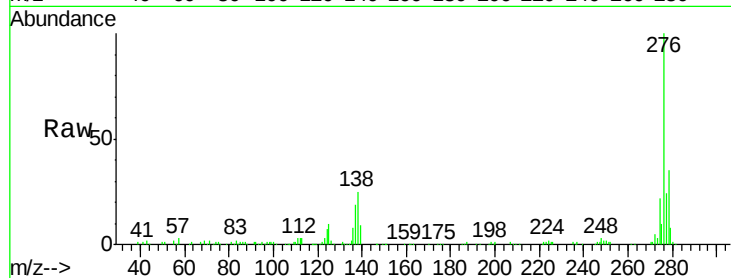




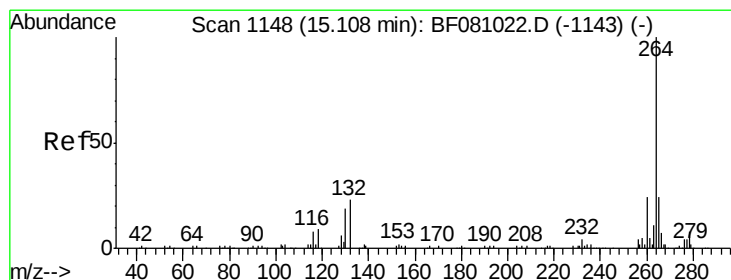
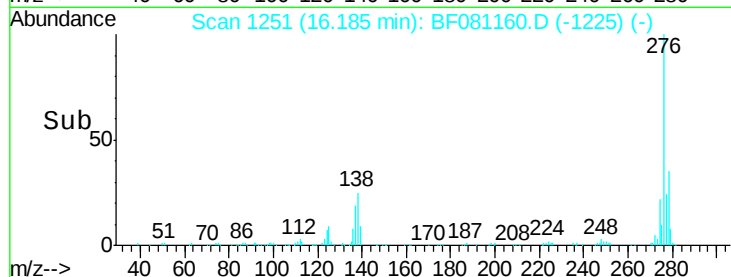
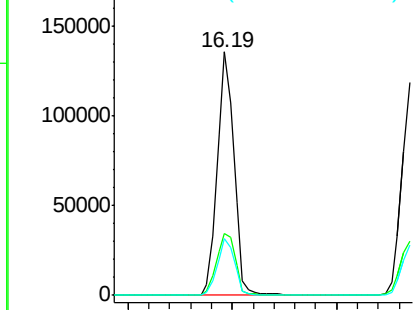
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.14 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	18.6	28.0#
277	23.9	19.8	29.8

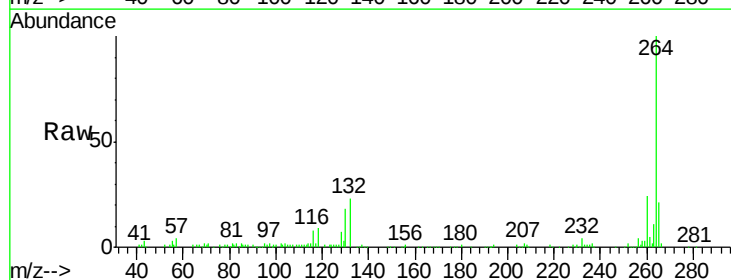


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

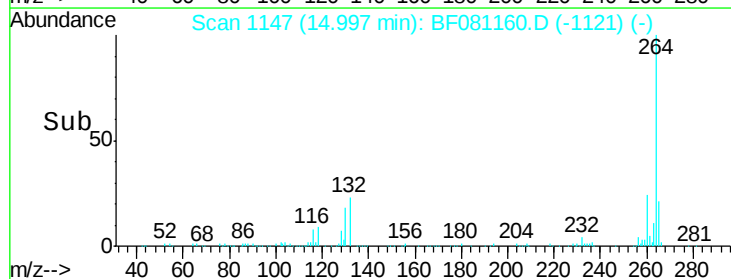
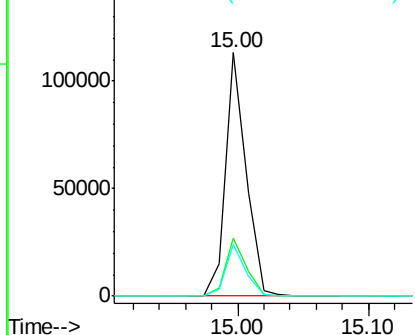


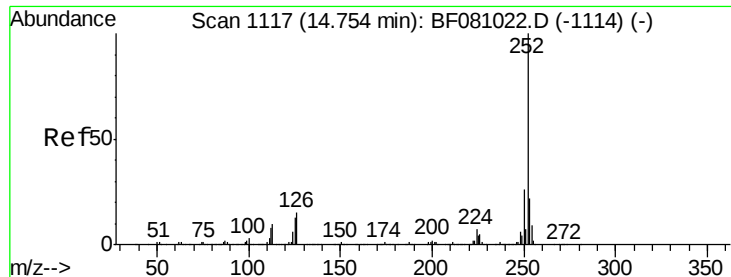
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.4	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

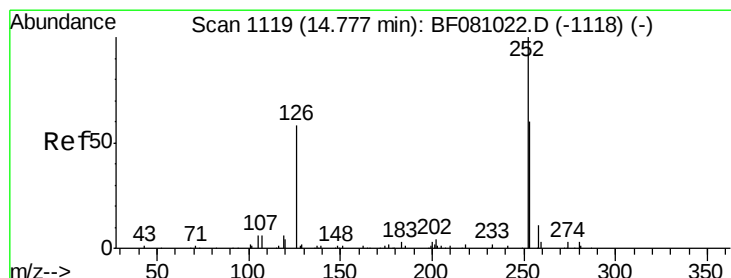
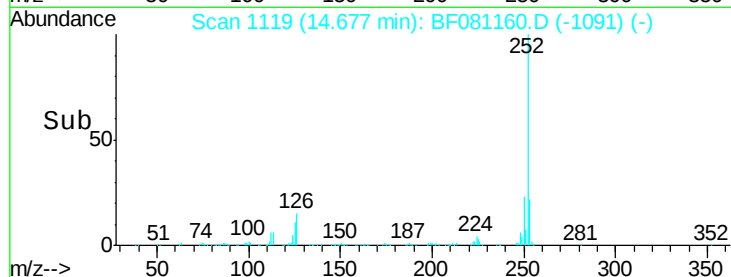
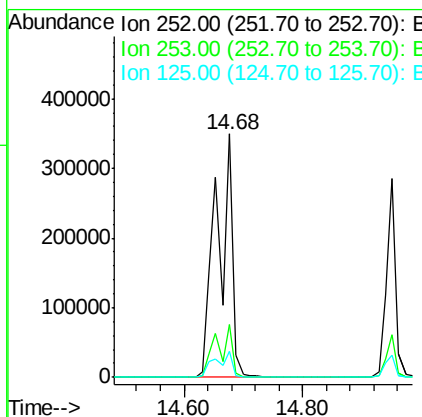
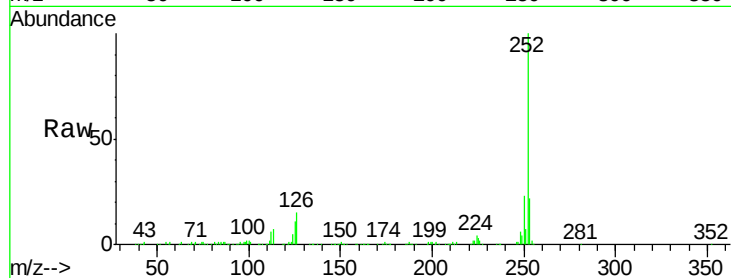




#87
Benzo(b)fluoranthene
Concen: 74.33 ng
RT: 14.68 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

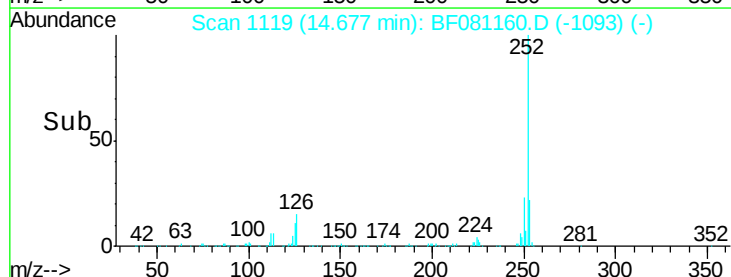
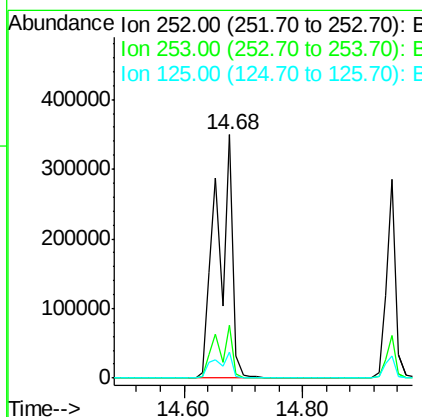
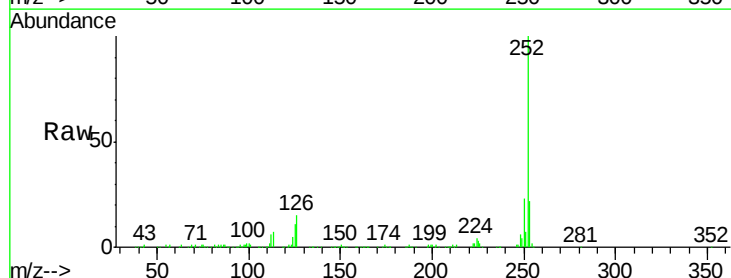
Instrument :
BNA_F
ClientSampleId :

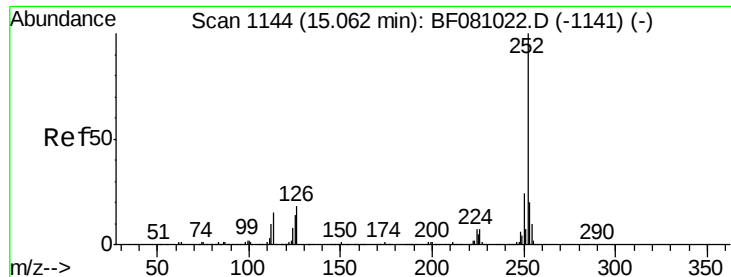
Tot Ion:252 Resp: 650121
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.9 8.0 12.0



#88
Benzo(k)fluoranthene
Concen: 79.77 ng
RT: 14.68 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF081160.D
Acq: 21 Aug 2015 22:52

Tgt Ion:252 Resp: 650121
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.9 10.3 15.5





#89

Benzo(a)pyrene

Concen: 41.16 ng

RT: 14.95 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

Instrument :

BNA_F

ClientSampleId :

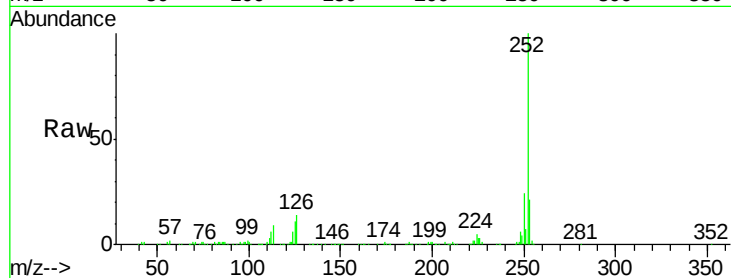
Tot Ion:252 Resp: 313648

Ion Ratio Lower Upper

252 100

253 21.4 16.6 25.0

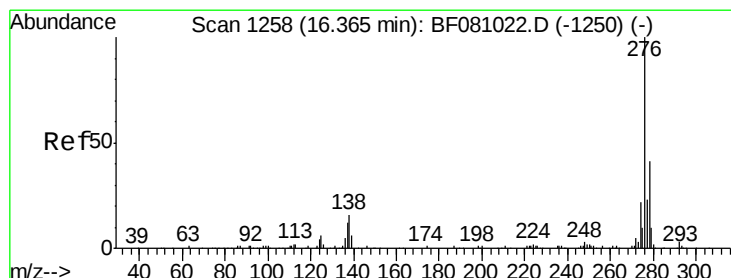
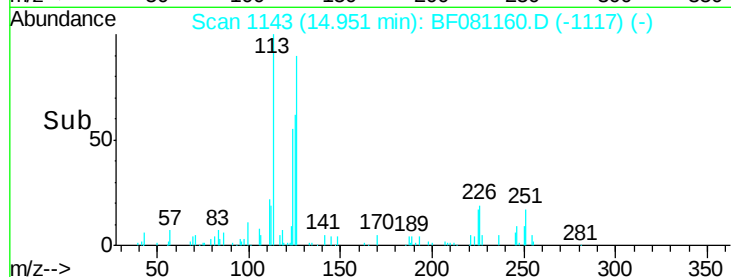
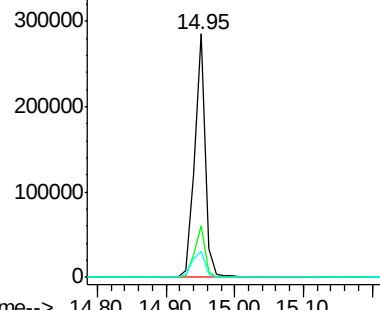
125 10.9 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.39 ng

RT: 16.20 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF081160.D

Acq: 21 Aug 2015 22:52

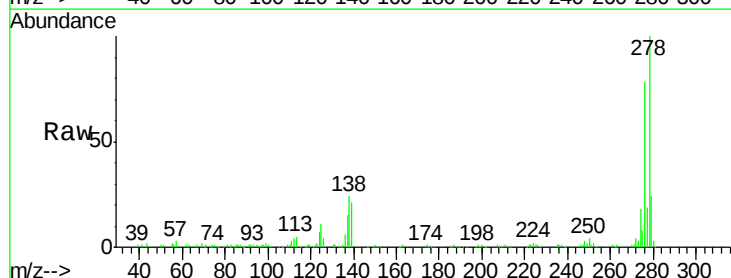
Tgt Ion:278 Resp: 251745

Ion Ratio Lower Upper

278 100

139 20.8 10.8 16.2#

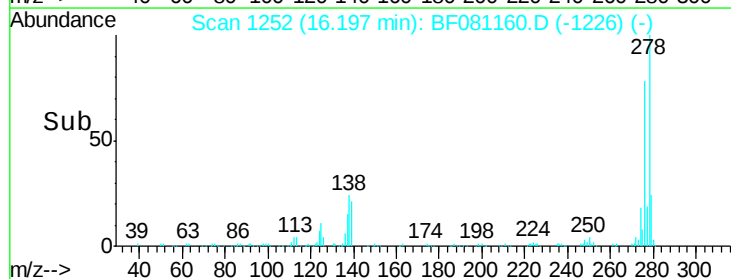
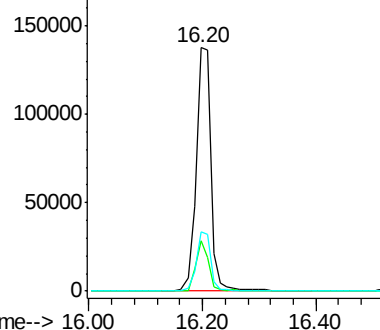
279 24.4 19.0 28.6

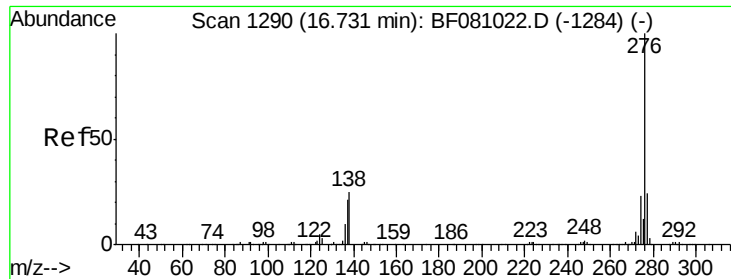


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

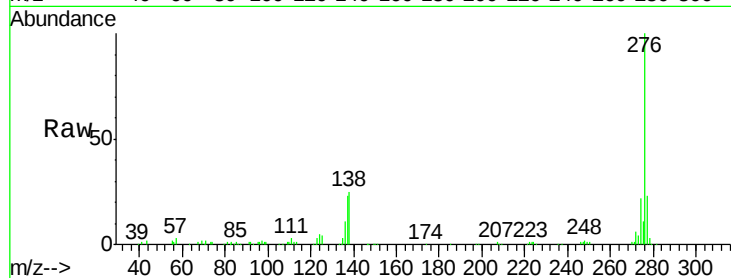




#91
 Benzo(a,h,i)perylene
 Concen: 37.50 ng
 RT: 16.54 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF081160.D
 Acq: 21 Aug 2015 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.2	27.2
138	25.3	13.7	20.5



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

