

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081150.D
 Acq On : 21 Aug 2015 17:39
 Operator : UM/IZ
 Sample : G3312-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:28:22 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	58946	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	233089	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	113352	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	222721	20.00	ng	0.00
75) Chrysene-d12	13.67	240	162705	20.00	ng	0.00
86) Perylene-d12	15.00	264	119926	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	422913	107.91	ng	0.02
7) Phenol-d6	6.21	99	567722	111.03	ng	0.00
23) Nitrobenzene-d5	7.13	82	381252	74.72	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	95765	97.46	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	551756	63.78	ng	0.00
78) Terphenyl-d14	12.63	244	482243	63.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	49323	26.71	ng	94
3) Pyridine	2.62	79	117852	22.61	ng	# 82
4) n-Nitrosodimethylamine	2.56	42	94993	32.73	ng	86
6) Aniline	6.22	93	171425	23.06	ng	# 43
8) 2-Chlorophenol	6.34	128	151938	35.42	ng	83
9) Benzaldehyde	6.09	77	70756	21.46	ng	99
10) Phenol	6.23	94	195220	32.33	ng	# 72
11) bis(2-Chloroethyl)ether	6.31	93	164247	35.45	ng	95
12) 1,3-Dichlorobenzene	6.49	146	142245	30.86	ng	# 90
13) 1,4-Dichlorobenzene	6.57	146	145073	31.79	ng	95
14) 1,2-Dichlorobenzene	6.57	146	145073	33.96	ng	96
15) Benzyl Alcohol	6.71	79	135068	32.65	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	319541	35.09	ng	98
17) 2-Methylphenol	6.84	107	127723	34.70	ng	95
18) Hexachloroethane	7.06	117	53605	29.07	ng	92
19) n-Nitroso-di-n-propylamine	6.98	70	121315	34.25	ng	96
20) 3+4-Methylphenols	7.00	107	167457	35.85	ng	# 43
22) Acetophenone	6.97	105	225974	36.93	ng	# 90
24) Nitrobenzene	7.14	77	163504	30.65	ng	94
25) Isophorone	7.40	82	332842	34.98	ng	# 95
26) 2-Nitrophenol	7.46	139	75889	34.20	ng	# 85
27) 2,4-Dimethylphenol	7.52	122	136525	34.78	ng	92
28) bis(2-Chloroethoxy)methane	7.61	93	209151	37.21	ng	99
29) 2,4-Dichlorophenol	7.72	162	118075	35.73	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	123782	33.70	ng	96
31) Naphthalene	7.86	128	418144	32.18	ng	99
32) Benzoic acid	7.52	122	136525	61.84	ng	# 7
33) 4-Chloroaniline	7.92	127	125149	22.83	ng	94
34) Hexachlorobutadiene	7.99	225	70471	33.93	ng	99
35) Caprolactam	8.29	113	31531	27.30	ng	# 85
36) 4-Chloro-3-methylphenol	8.41	107	137653	34.95	ng	99
37) 2-Methylnaphthalene	8.55	142	278056	33.88	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	120725	33.01	ng	98
40) Hexachlorocyclopentadiene	8.71	237	55285	29.21	ng	99

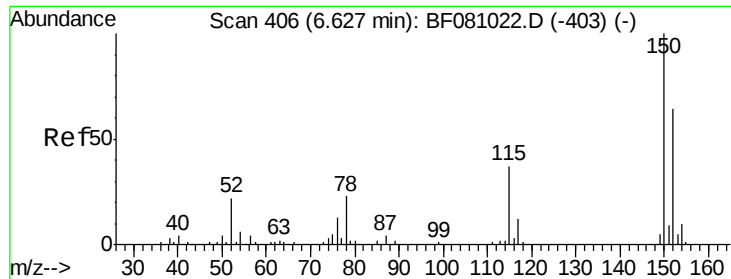
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081150.D
 Acq On : 21 Aug 2015 17:39
 Operator : UM/IZ
 Sample : G3312-01MS
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Quant Time: Aug 21 23:28:22 2015
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 Quant Title : ASP BNA STANDARDS 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	82301	31.85	nq	98
43) 2,4,5-Trichlorophenol	8.88	196	90712	35.13	nq	98
45) 1,1'-Biphenyl	9.02	154	355199	35.58	nq	97
46) 2-Chloronaphthalene	9.04	162	268707	33.50	nq	99
47) 2-Nitroaniline	9.14	65	120796	36.80	nq	# 70
48) Acenaphthylene	9.45	152	446920	31.15	nq	99
49) Dimethylphthalate	9.33	163	352750	37.79	nq	99
50) 2,6-Dinitrotoluene	9.38	165	60889	30.38	nq	# 66
51) Acenaphthene	9.62	154	260296	30.30	nq	99
52) 3-Nitroaniline	9.54	138	60180	23.99	nq	99
53) 2,4-Dinitrophenol	9.66	184	12285	15.33	nq	# 62
54) Dibenzofuran	9.78	168	365104	31.72	nq	92
55) 4-Nitrophenol	9.73	139	113449	64.40	nq	# 82
56) 2,4-Dinitrotoluene	9.78	165	83015	31.25	nq	# 65
57) Fluorene	10.13	166	274123	30.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	66763	33.41	nq	93
59) Diethylphthalate	10.02	149	323104	32.70	nq	98
60) 4-Chlorophenyl-phenylether	10.13	204	120359	32.12	nq	96
61) 4-Nitroaniline	10.16	138	84650	33.02	nq	90
62) Azobenzene	10.29	77	395150	34.71	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	16935	12.73	nq	91
65) n-Nitrosodiphenylamine	10.25	169	280315	35.26	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	69871	31.93	nq	96
67) Hexachlorobenzene	10.68	284	79320	35.80	nq	# 89
68) Atrazine	10.78	200	77508	34.99	nq	98
69) Pentachlorophenol	10.87	266	86207	64.84	nq	98
70) Phenanthrene	11.08	178	387680	29.37	nq	99
71) Anthracene	11.13	178	443894	34.56	nq	99
72) Carbazole	11.29	167	450340	36.42	nq	100
73) Di-n-butylphthalate	11.64	149	528771	35.34	nq	99
74) Fluoranthene	12.25	202	453106	31.81	nq	94
76) Benzidine	12.39	184	157373	25.60	nq	98
77) Pyrene	12.48	202	486986	36.82	nq	99
79) Butylbenzylphthalate	13.11	149	211863	37.26	nq	# 60
80) Benzo(a)anthracene	13.66	228	333926	30.60	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	119154	33.71	nq	# 94
82) Chrysene	13.69	228	270029	27.46	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	296982	40.78	nq	100
84) Di-n-octyl phthalate	14.29	149	485333	43.85	nq	# 99
85) Indeno(1,2,3-cd)pyrene	16.19	276	246609	35.72	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	556267	65.58	nq	98
88) Benzo(k)fluoranthene	14.68	252	556267	70.38	nq	# 95
89) Benzo(a)pyrene	14.95	252	262634	35.53	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	211231	36.68	nq	# 95
91) Benzo(g,h,i)perylene	16.54	276	195881	33.52	nq	# 94

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

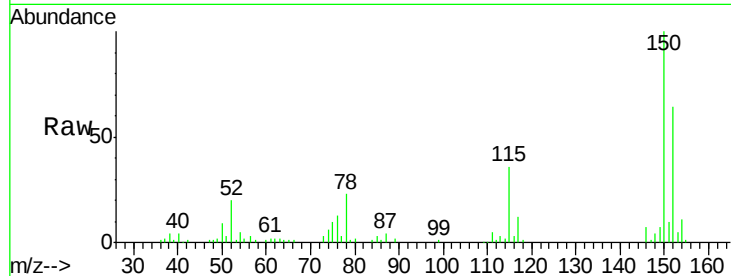


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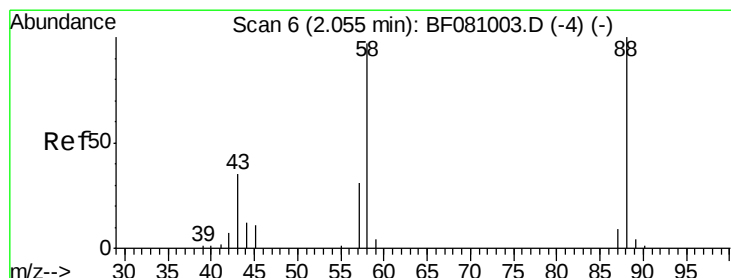
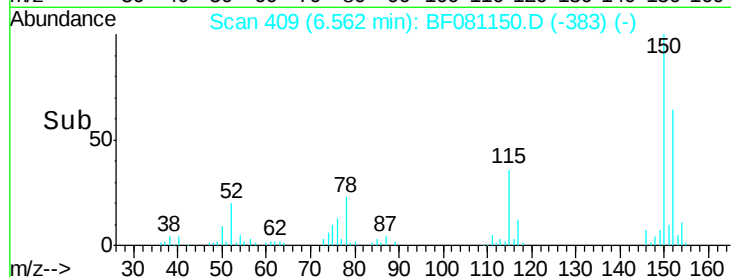
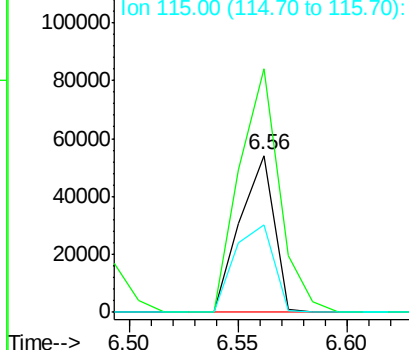
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58946
Ion Ratio Lower Upper
152 100
150 155.2 123.8 185.6
115 55.7 52.1 78.1



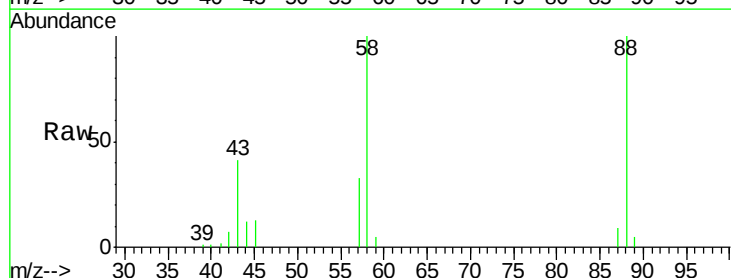
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



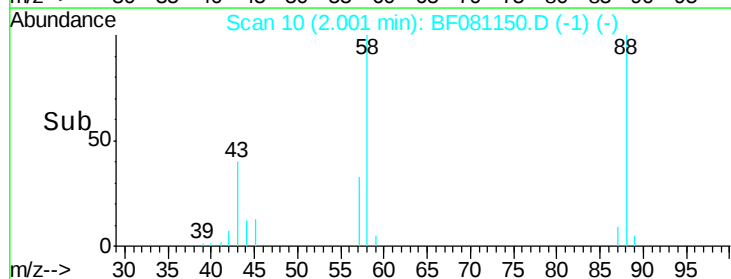
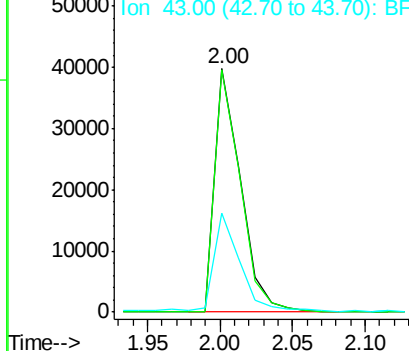
#2

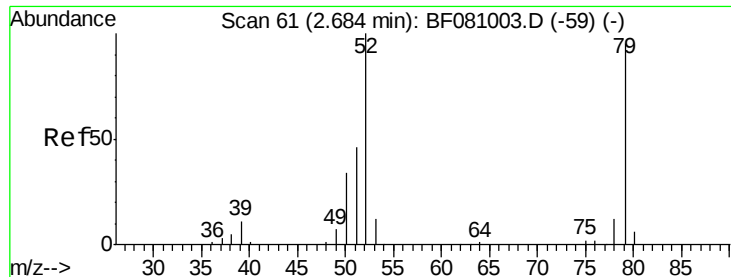
1,4-Dioxane
Concen: 26.71 ng
RT: 2.00 min Scan# 10
Delta R.T. 0.06 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion: 88 Resp: 49323
Ion Ratio Lower Upper
88 100
58 98.8 83.7 125.5
43 42.6 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

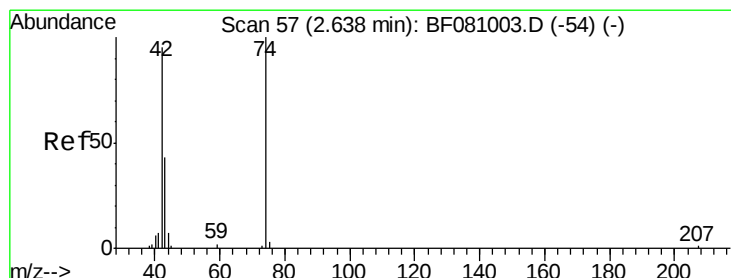
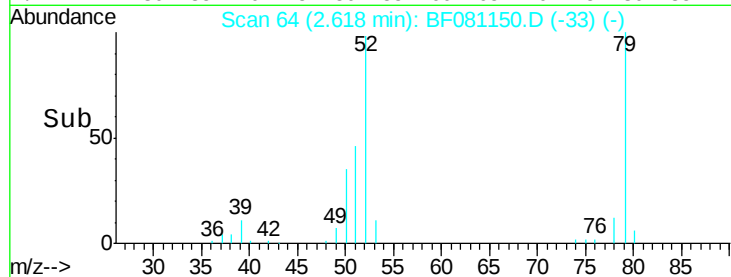
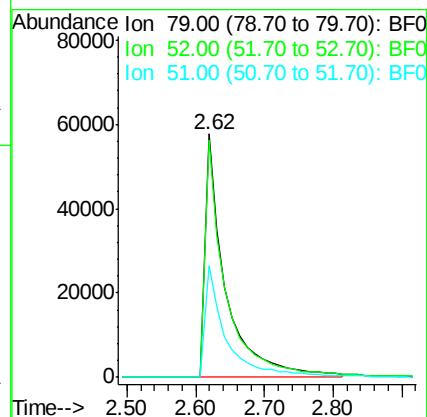
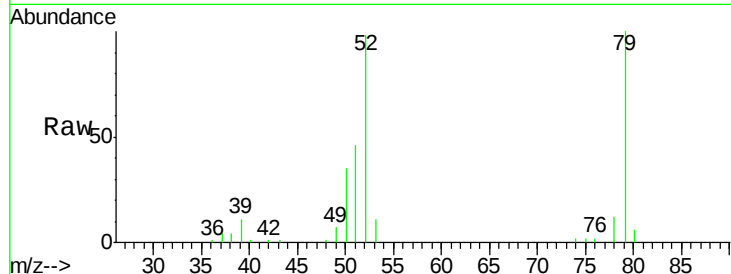




#3
 Pvrindine
 Concen: 22.61 ng
 RT: 2.62 min Scan# 64
 Delta R.T. 0.06 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

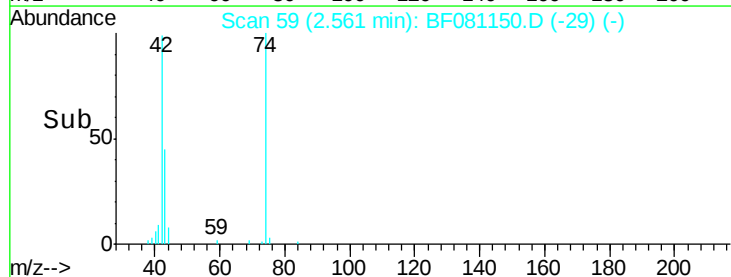
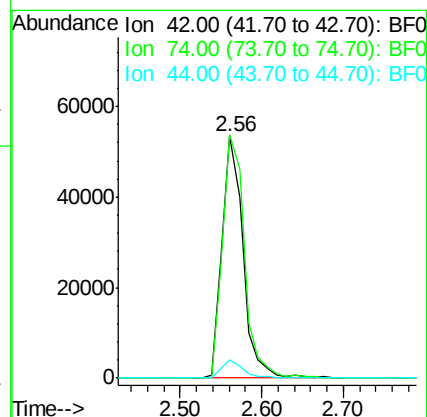
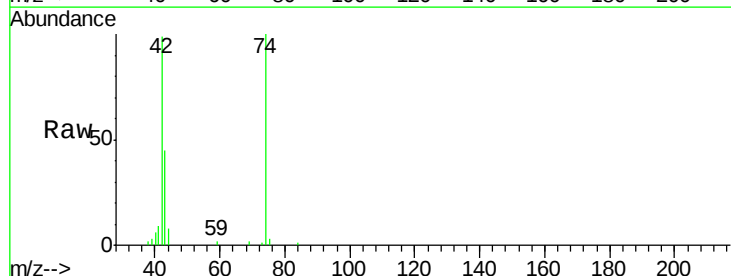
Instrument :
 BNA_F
 ClientSampleId :

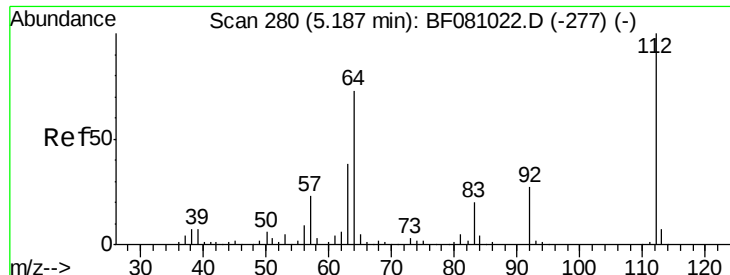
Tot Ion: 79 Resp: 117852
 Ion Ratio Lower Upper
 79 100
 52 97.6 95.1 142.7
 51 45.9 46.6 70.0#



#4
 n-Nitrosodimethylamine
 Concen: 32.73 ng
 RT: 2.56 min Scan# 59
 Delta R.T. 0.05 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion: 42 Resp: 94993
 Ion Ratio Lower Upper
 42 100
 74 100.6 69.3 103.9
 44 7.7 5.5 8.3





#5

2-Fluorophenol

Concen: 107.91 ng

RT: 5.13 min Scan# 284

Delta R.T. 0.02 min

Lab File: BF081150.D

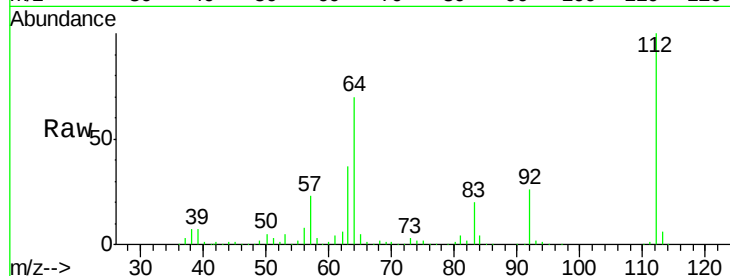
Acq: 21 Aug 2015 17:39

Instrument :

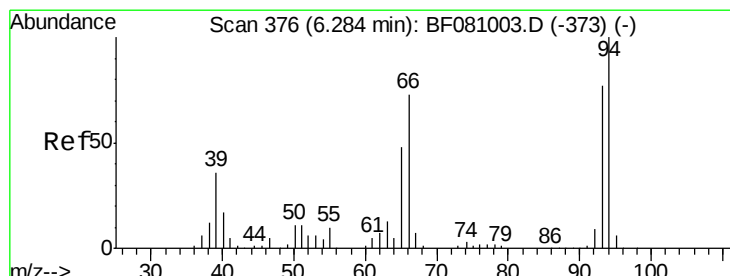
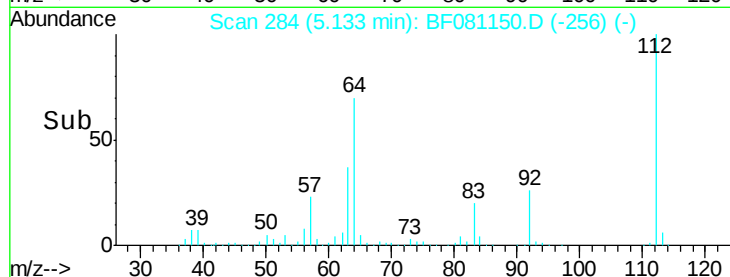
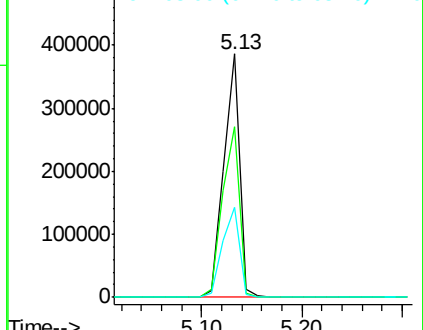
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	422913
Ion	Ratio	Lower	Upper
112	100		
64	70.2	66.9	100.3
63	36.9	38.1	57.1#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 23.06 ng

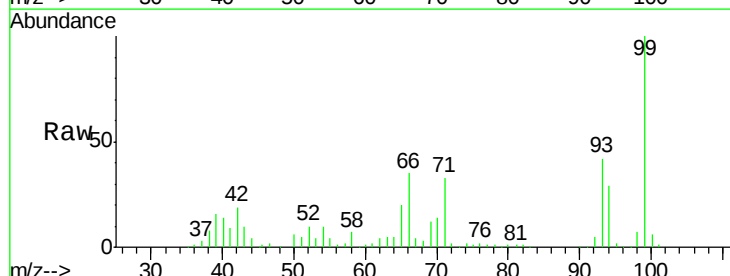
RT: 6.22 min Scan# 379

Delta R.T. 0.00 min

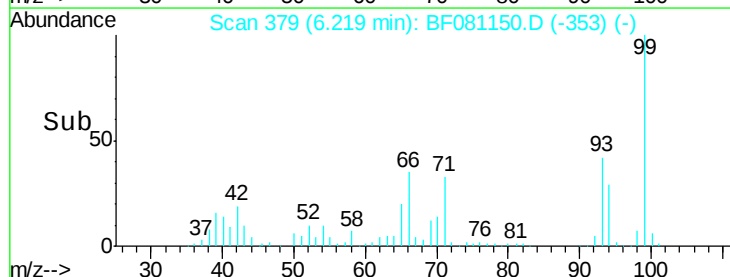
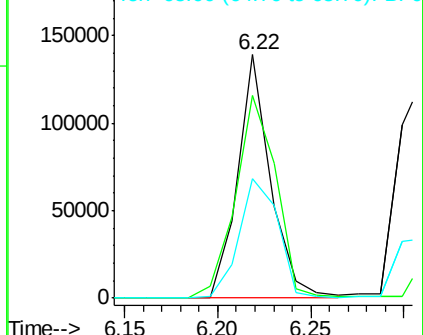
Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	93	Resp:	171425
Ion	Ratio	Lower	Upper
93	100		
66	83.4	35.6	53.4#
65	48.9	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 111.03 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

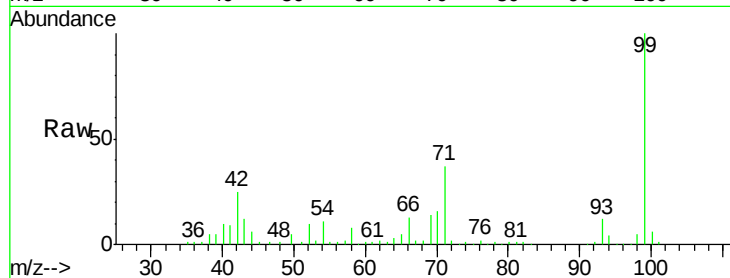
Tot Ion: 99 Resp: 567722

Ion Ratio Lower Upper

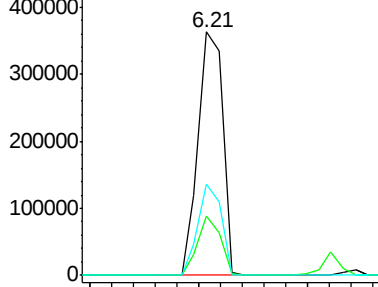
99 100

42 24.6 19.6 29.4

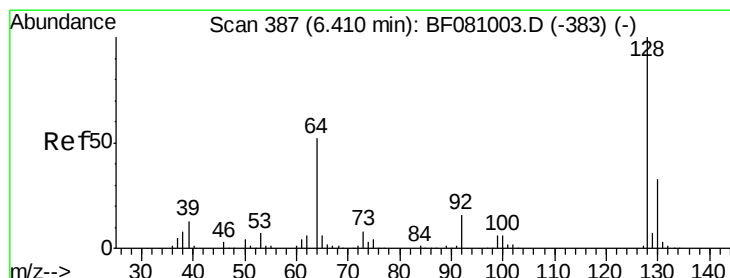
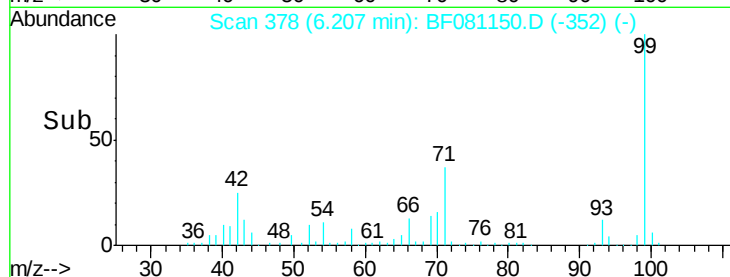
71 37.4 31.2 46.8



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



Time--> 6.10 6.20 6.30



#8

2-Chlorophenol

Concen: 35.42 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

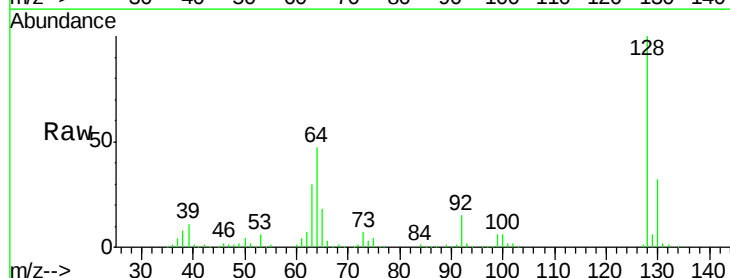
Tgt Ion: 128 Resp: 151938

Ion Ratio Lower Upper

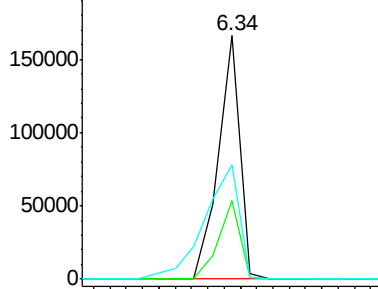
128 100

130 32.1 12.5 52.5

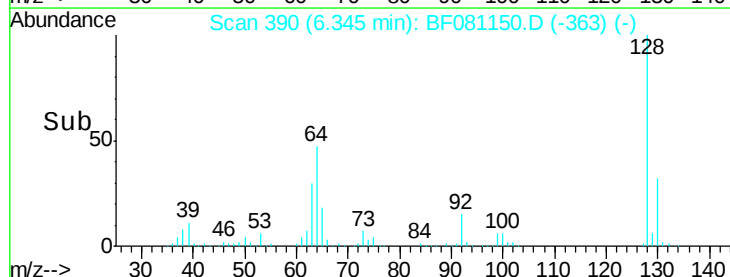
64 47.2 46.8 86.8

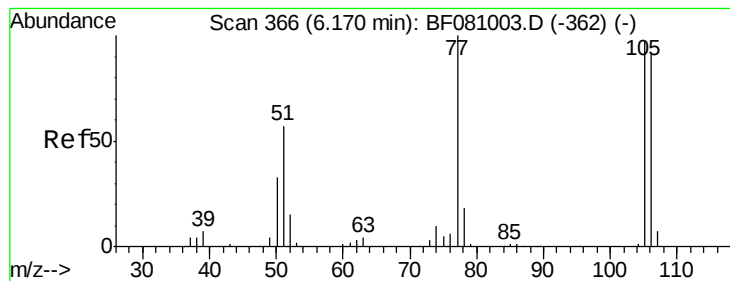


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time--> 6.30 6.35 6.40





#9

Benzaldehyde

Concen: 21.46 ng

RT: 6.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

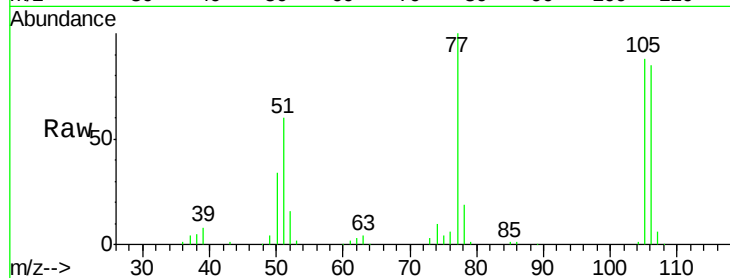
Tot Ion: 77 Resp: 70756

Ion Ratio Lower Upper

77 100

105 88.0 69.6 109.6

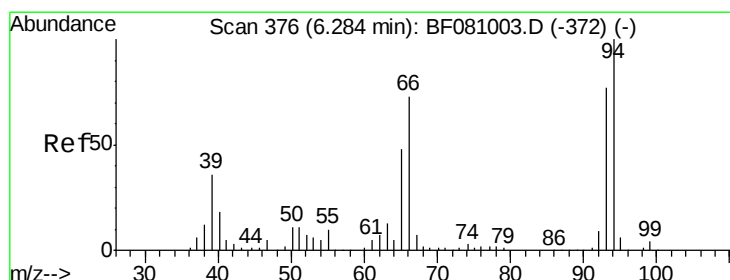
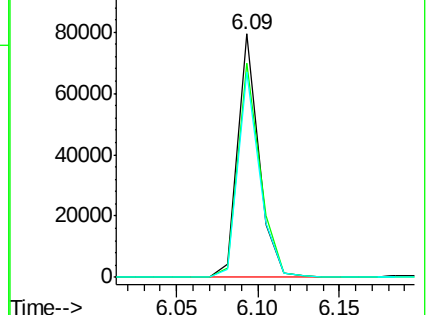
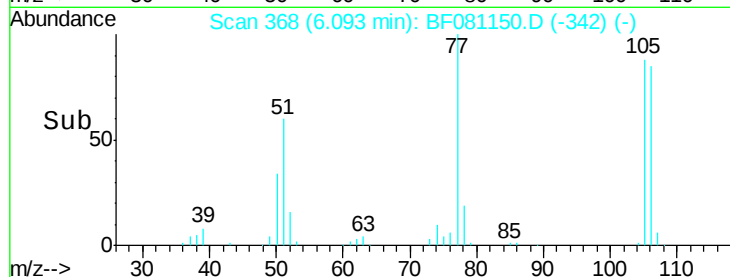
106 84.5 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.33 ng

RT: 6.23 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

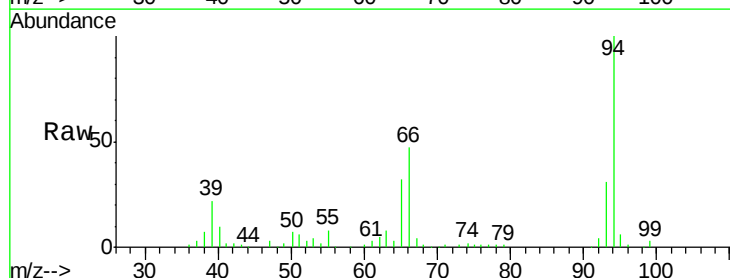
Tgt Ion: 94 Resp: 195220

Ion Ratio Lower Upper

94 100

65 31.7 28.4 68.4

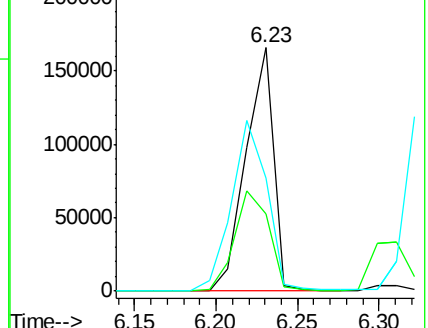
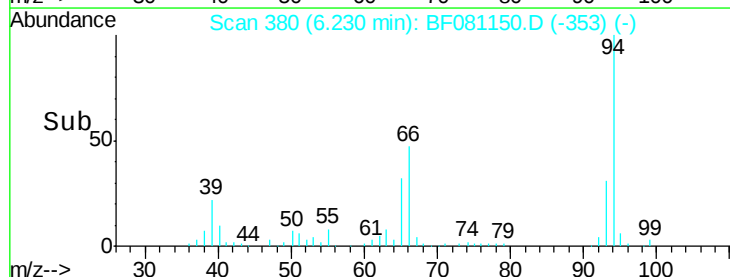
66 46.6 52.3 92.3#

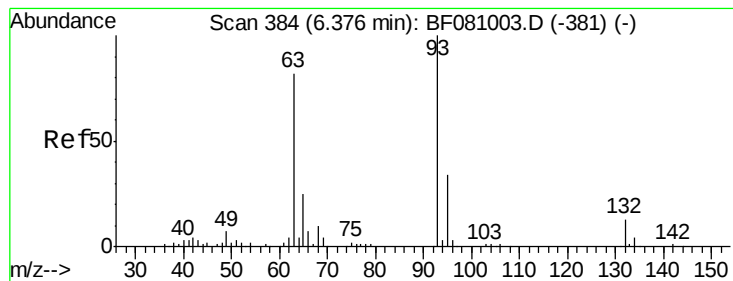


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.45 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

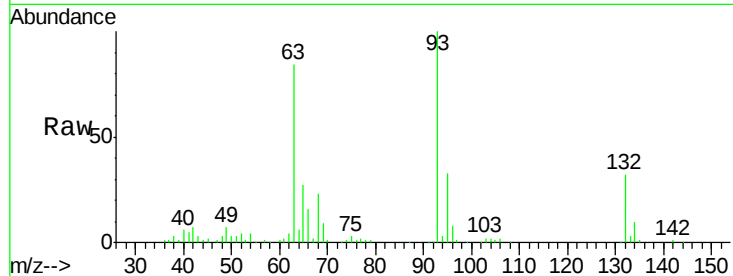
Tot Ion: 93 Resp: 164247

Ion Ratio Lower Upper

93 100

63 84.4 69.6 109.6

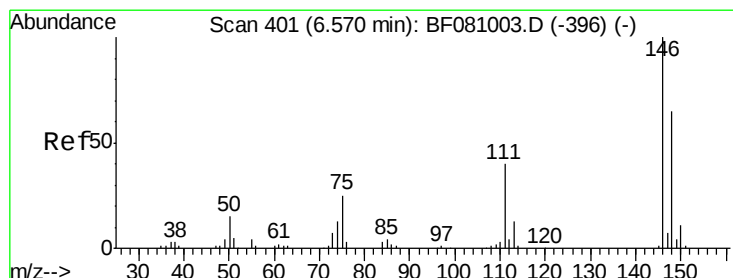
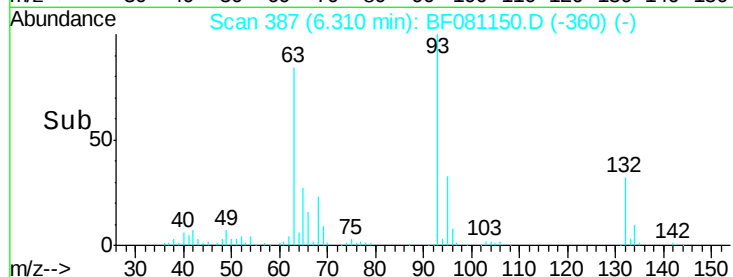
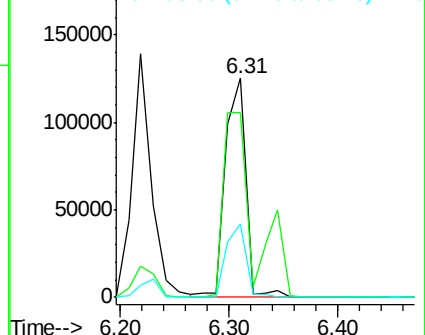
95 33.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 30.86 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

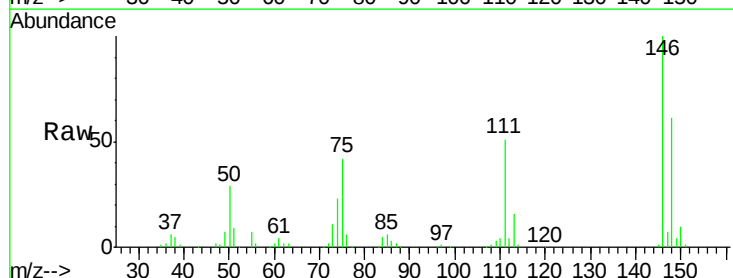
Tgt Ion: 146 Resp: 142245

Ion Ratio Lower Upper

146 100

148 61.5 53.3 79.9

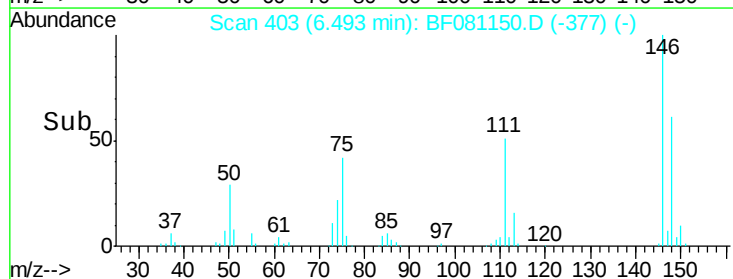
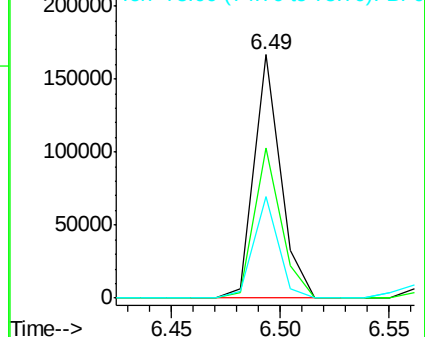
75 41.5 25.0 37.6#

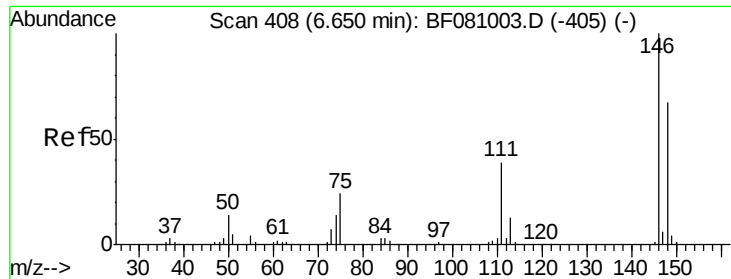


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

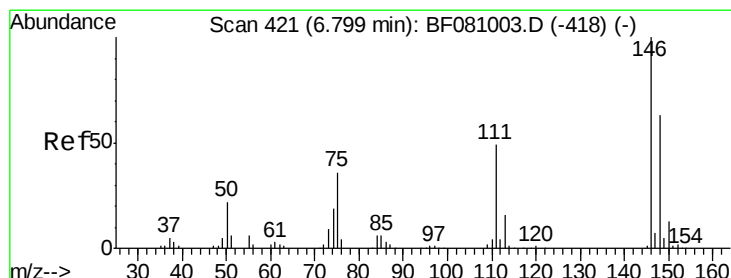
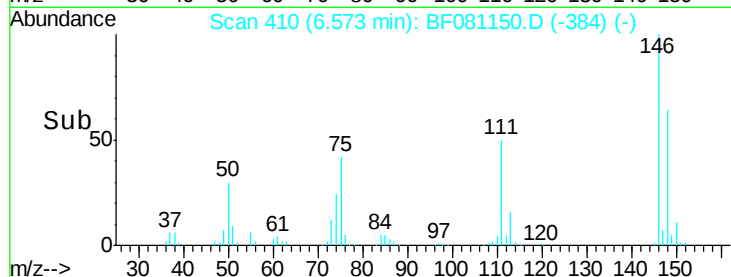
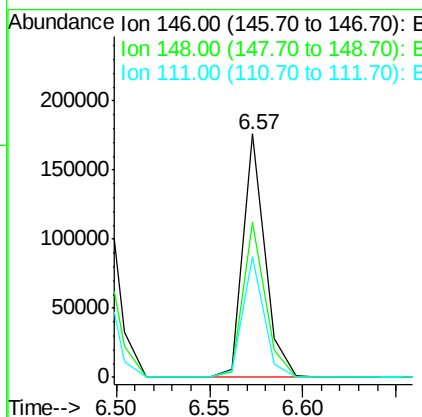
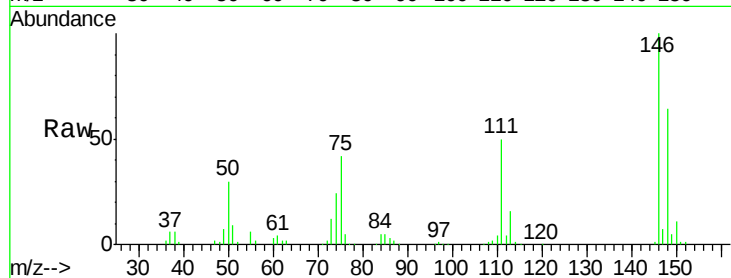




#13
 1,4-Dichlorobenzene
 Concen: 31.79 ng
 RT: 6.57 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

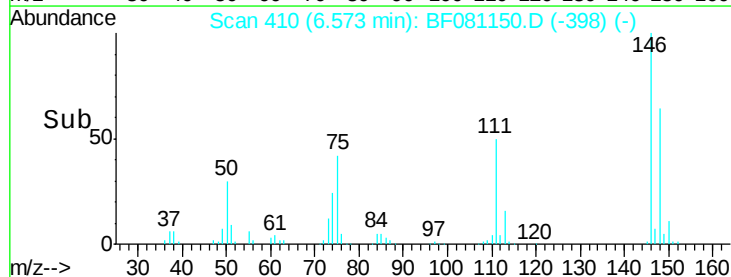
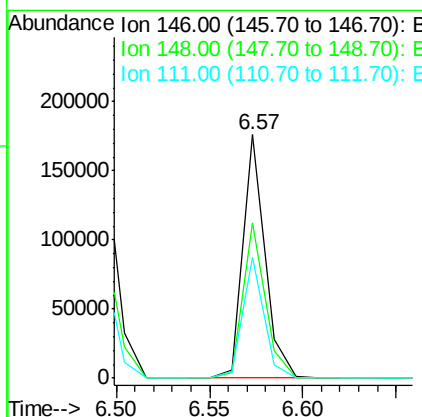
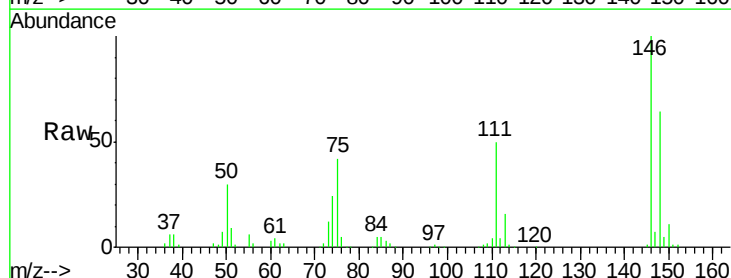
Instrument :
 BNA_F
 ClientSampleID :

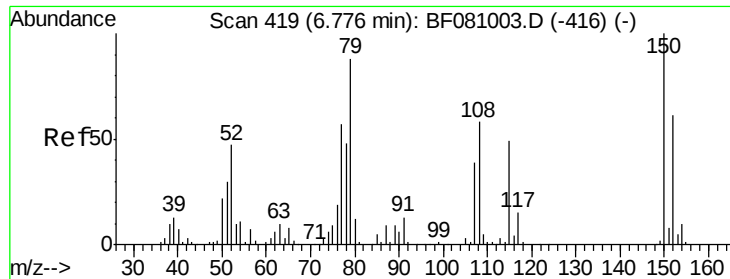
Tot Ion:146 Resp: 145073
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 49.7 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 33.96 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.16 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:146 Resp: 145073
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.7 73.1
 111 49.7 42.3 63.5





#15

Benzyl Alcohol

Concen: 32.65 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampled :

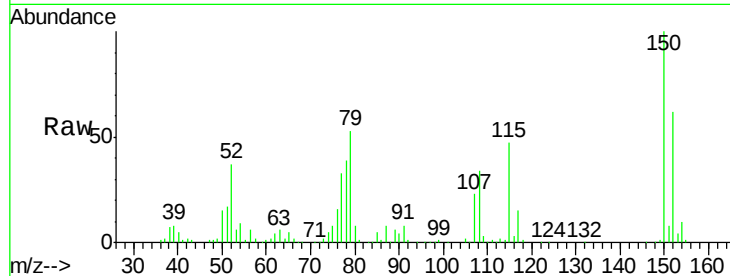
Tot Ion: 79 Resp: 135068

Ion Ratio Lower Upper

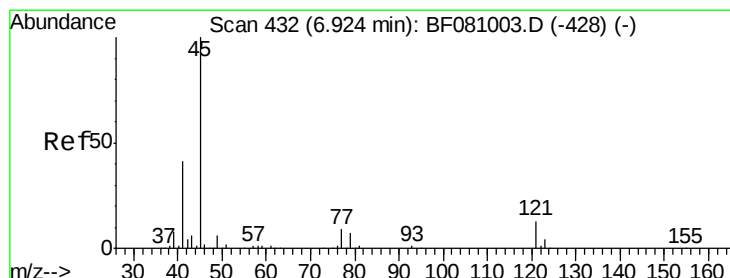
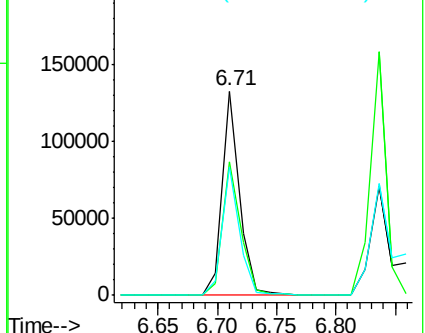
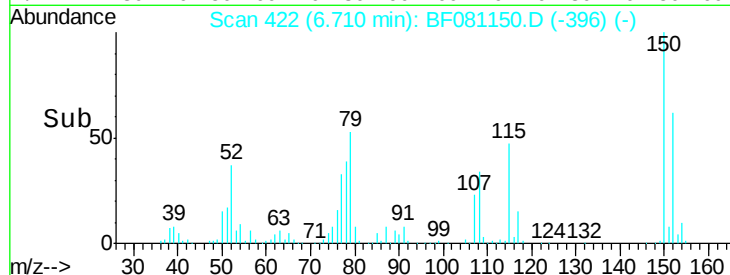
79 100

108 65.0 49.4 74.2

77 62.8 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: 35.09 ng

RT: 6.86 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

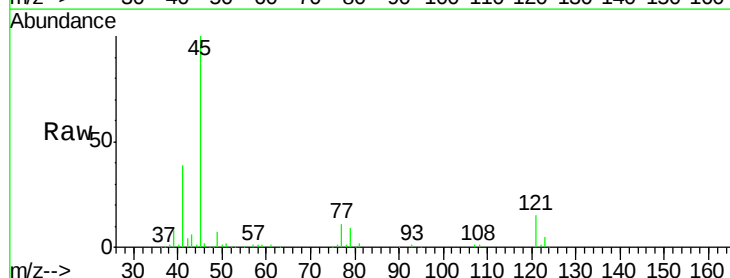
Tgt Ion: 45 Resp: 319541

Ion Ratio Lower Upper

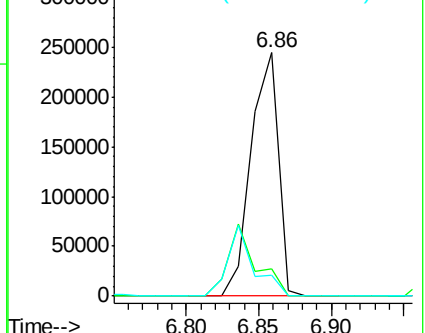
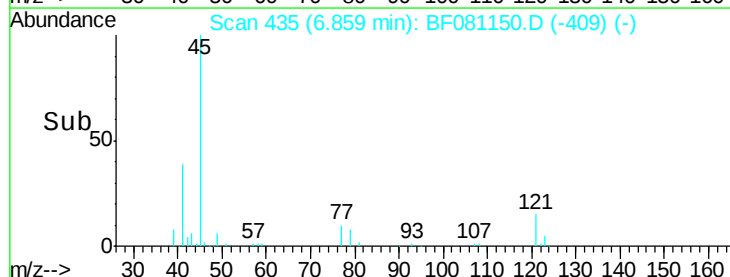
45 100

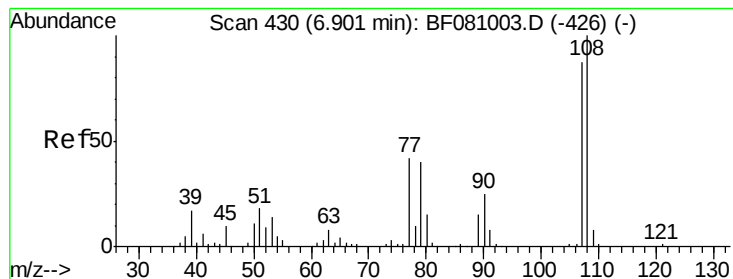
77 11.1 0.0 30.2

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

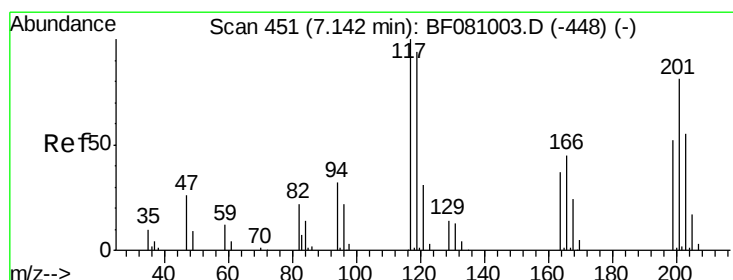
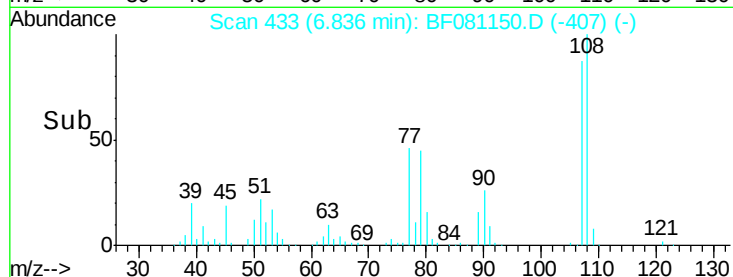
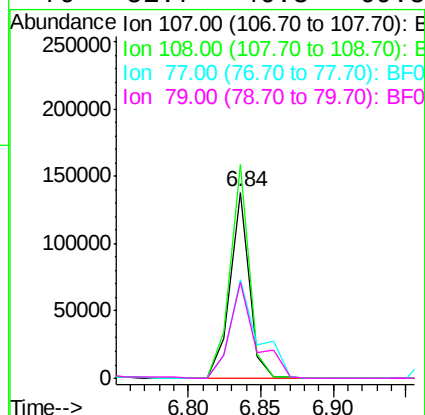
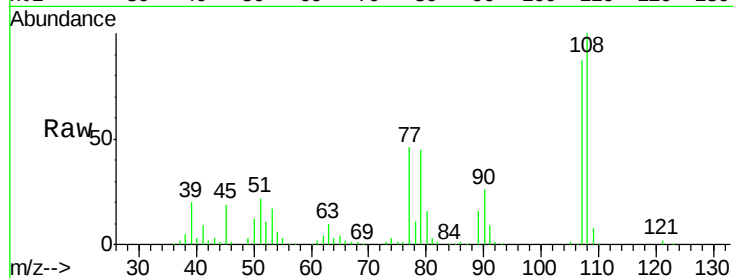




#17
 2-Methylphenol
 Concen: 34.70 ng
 RT: 6.84 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

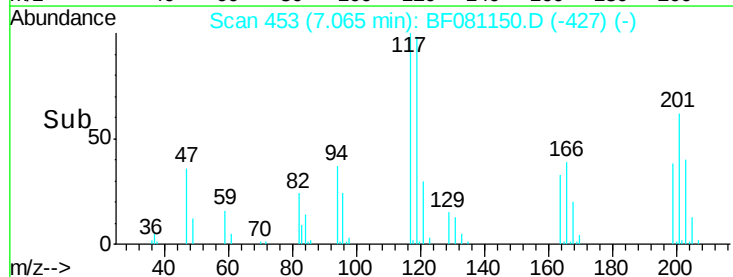
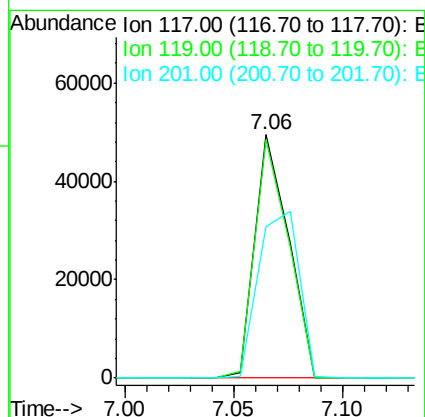
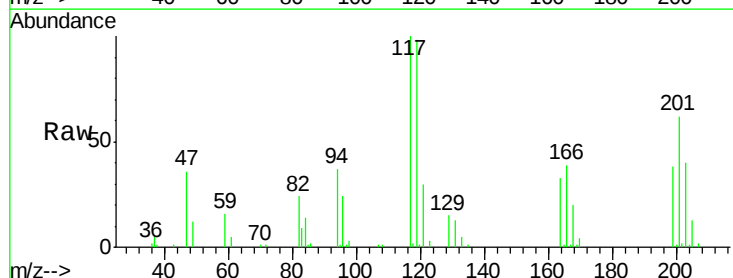
Instrument :
 BNA_F
 ClientSampleID :

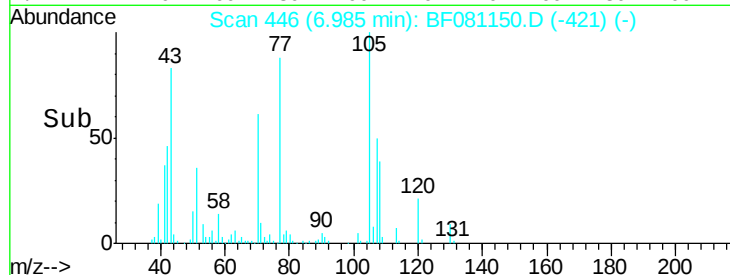
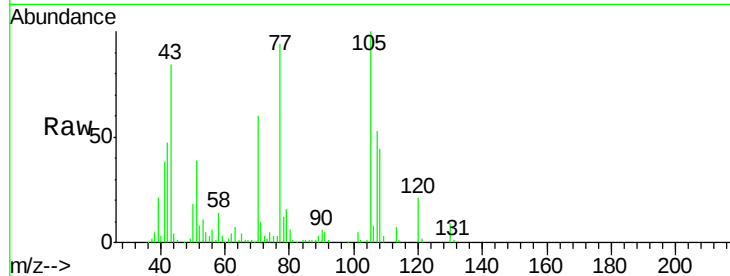
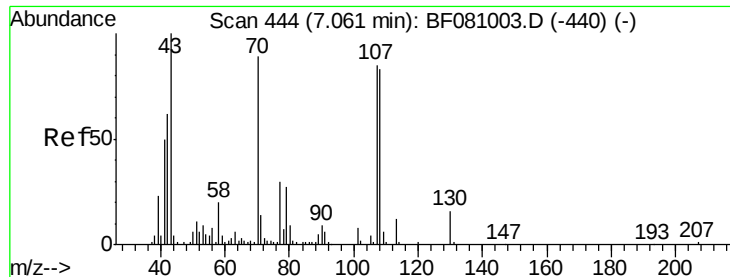
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.4	135.6
77	52.9	46.5	69.7
79	51.7	46.3	69.5



#18
 Hexachloroethane
 Concen: 29.07 ng
 RT: 7.06 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.9	116.9
201	62.1	61.3	91.9

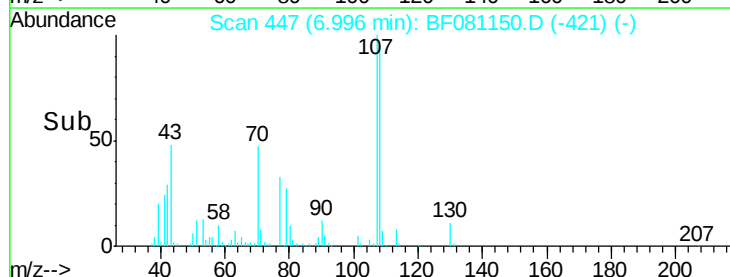
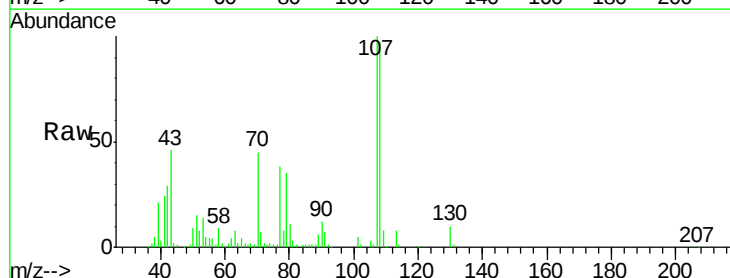
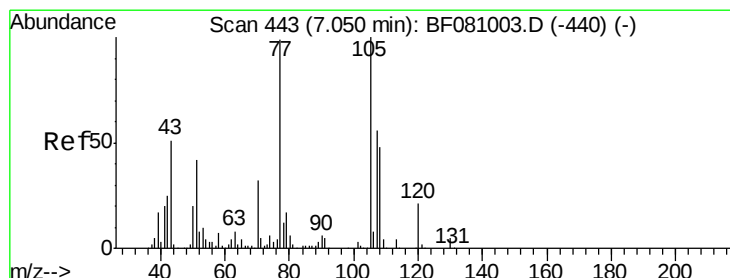
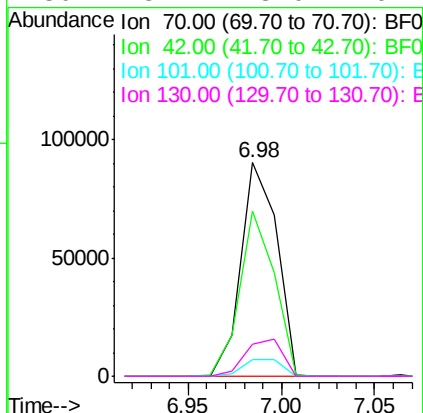




#19
n-Nitroso-di-n-propylamine
Concen: 34.25 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

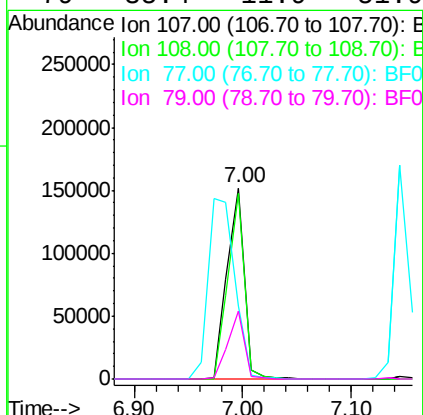
Instrument :
BNA_F
ClientSampleId :

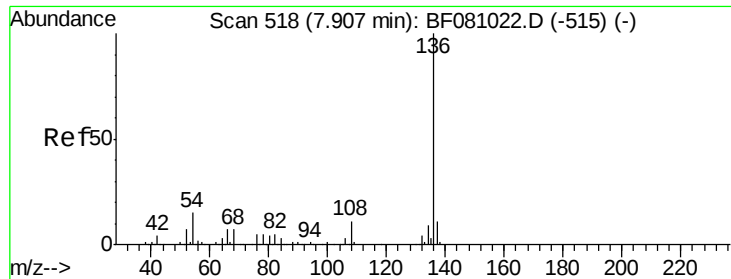
Tot Ion:	70	Resp:	121315
Ion	Ratio	Lower	Upper
70	100		
42	77.1	65.0	97.4
101	8.0	7.4	11.2
130	15.2	13.0	19.4



#20
3+4-Methylphenols
Concen: 35.85 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:	107	Resp:	167457
Ion	Ratio	Lower	Upper
107	100		
108	97.3	66.1	106.1
77	38.0	139.3	179.3#
79	35.4	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 233089

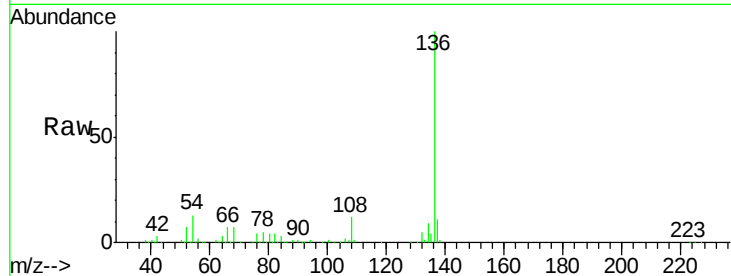
Ion Ratio Lower Upper

136 100

137 10.9 8.2 12.2

54 13.1 7.7 11.5#

68 6.6 3.4 5.2#

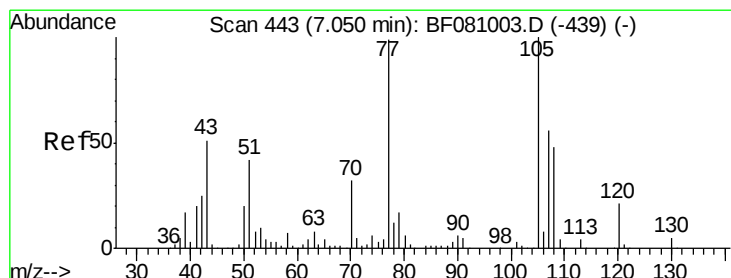
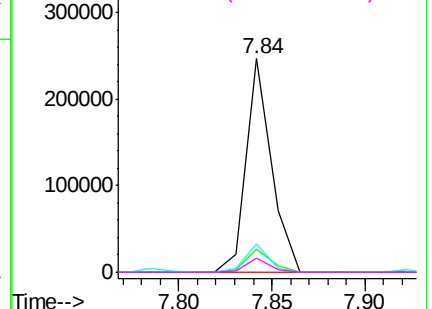
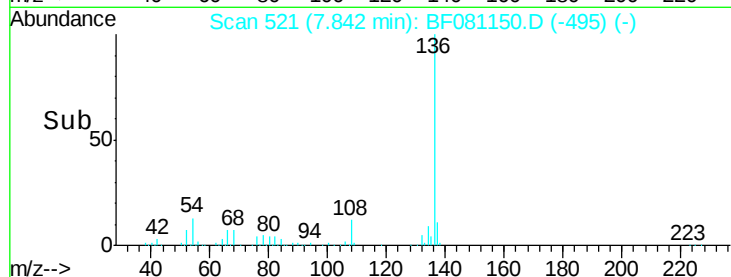


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.93 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:105 Resp: 225974

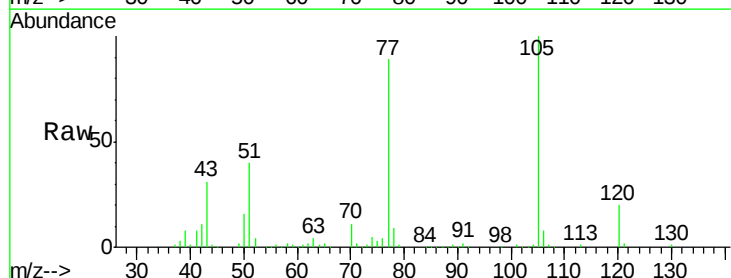
Ion Ratio Lower Upper

105 100

71 2.0 3.0 4.6#

51 39.9 39.8 59.8

120 19.7 15.8 23.8

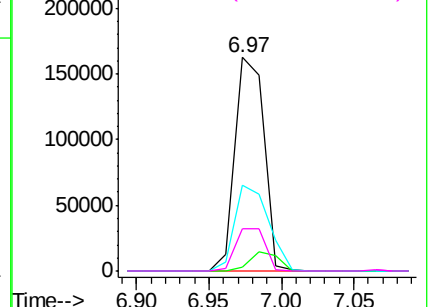
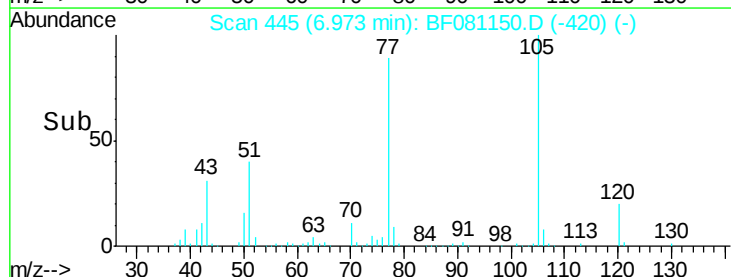


Abundance Ion 105.00 (104.70 to 105.70): E

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

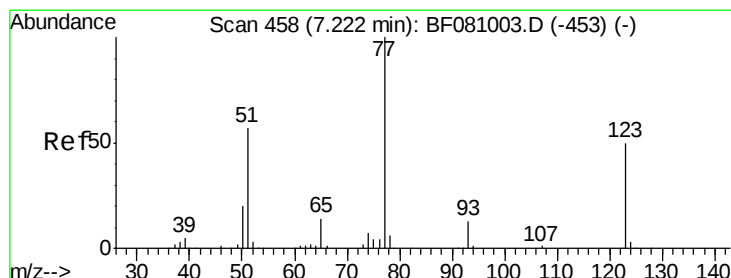
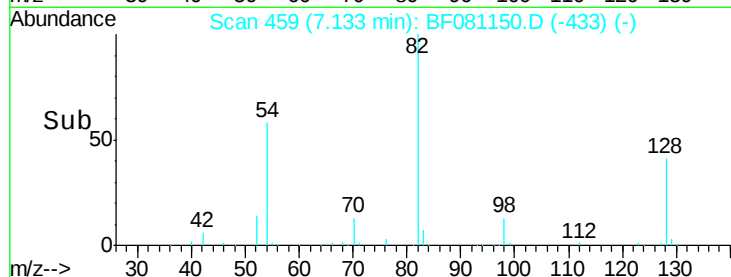
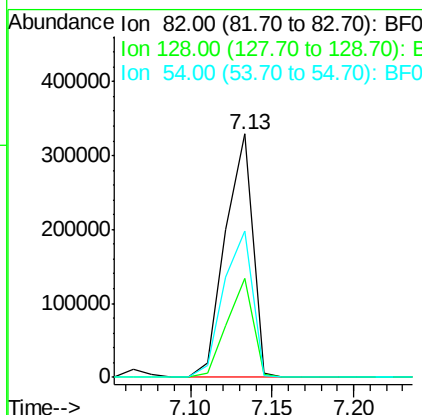
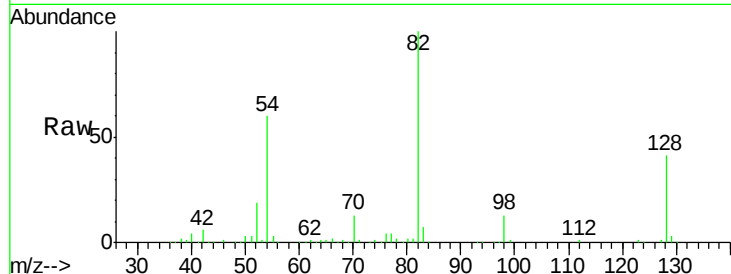




#23
 Nitrobenzene-d5
 Concen: 74.72 ng
 RT: 7.13 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

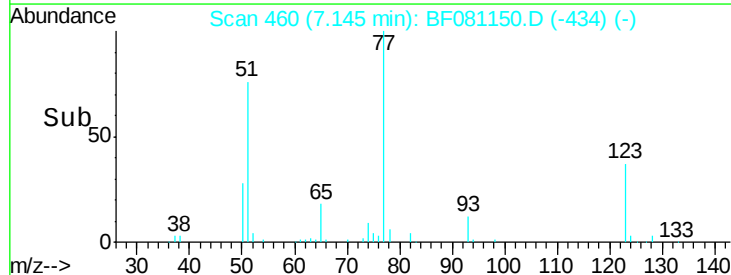
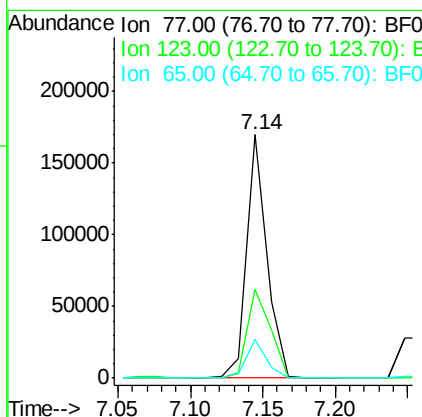
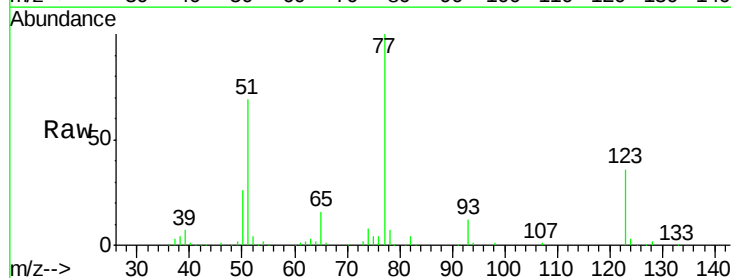
Instrument :
 BNA_F
 ClientSampleId :

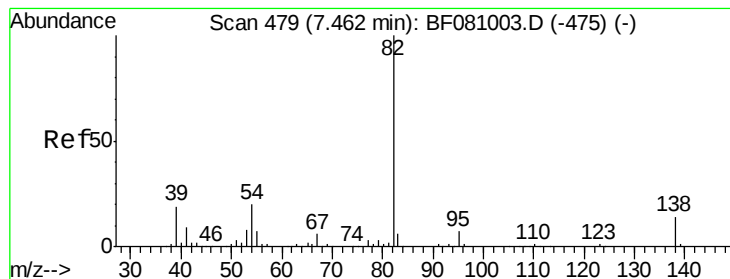
Tot Ion	82	Resp	381252
Ion Ratio	Lower	Upper	
82	100		
128	40.8	28.6	42.8
54	60.1	55.1	82.7



#24
 Nitrobenzene
 Concen: 30.65 ng
 RT: 7.14 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	77	Resp	163504
Ion Ratio	Lower	Upper	
77	100		
123	36.4	32.9	49.3
65	16.0	12.5	18.7





#25

Isophorone

Concen: 34.98 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

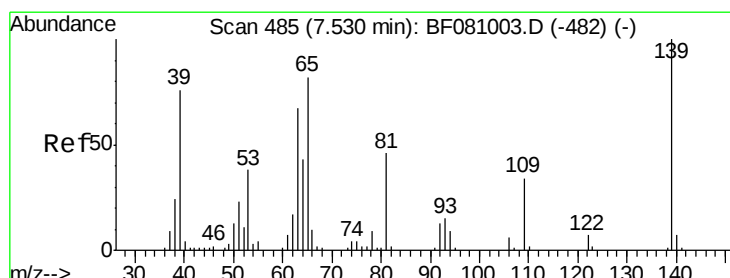
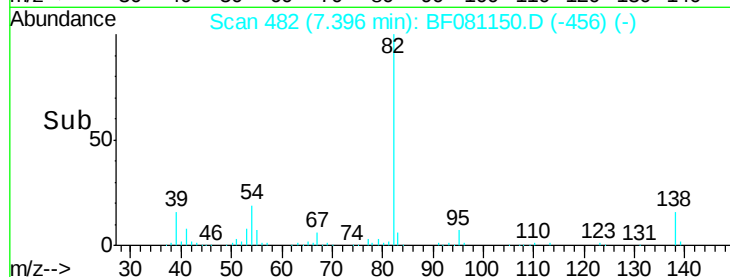
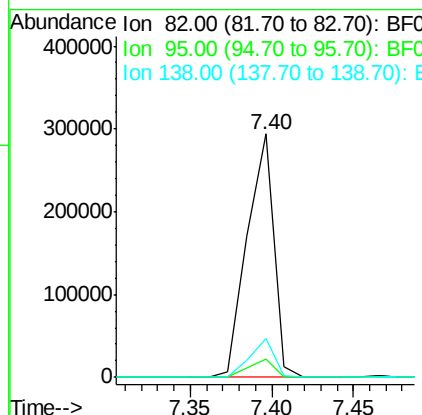
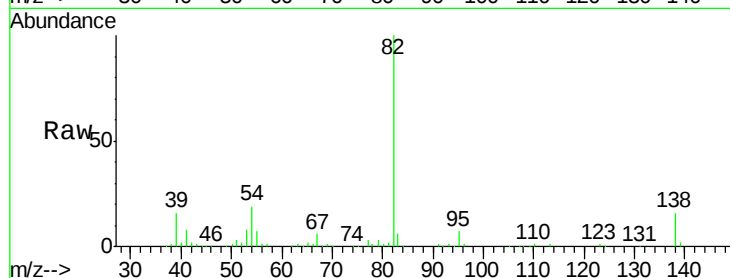
Tot Ion: 82 Resp: 332842

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 16.1 10.5 15.7#



#26

2-Nitrophenol

Concen: 34.20 ng

RT: 7.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

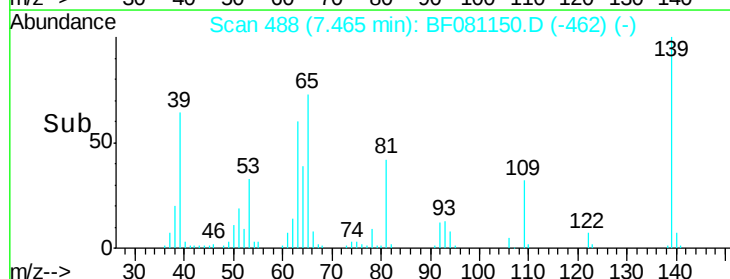
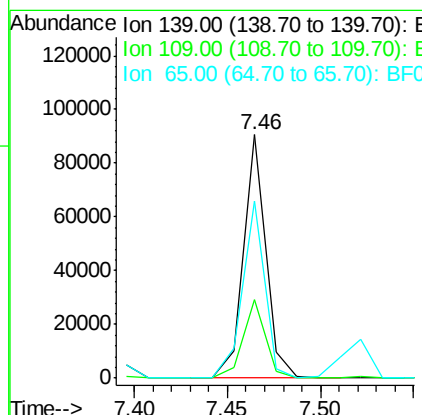
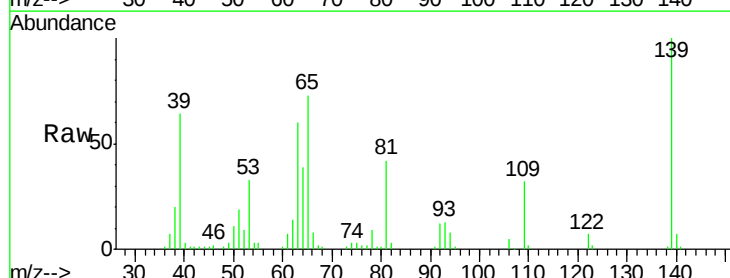
Tgt Ion: 139 Resp: 75889

Ion Ratio Lower Upper

139 100

109 32.0 32.1 48.1#

65 72.6 69.9 104.9

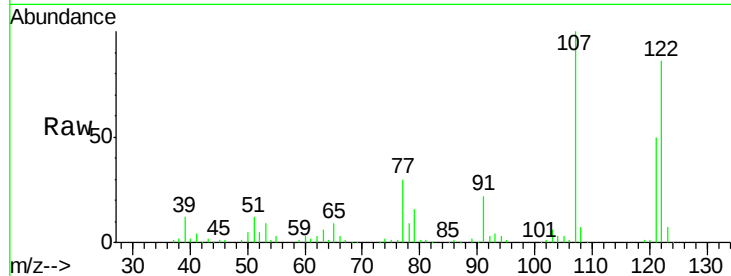




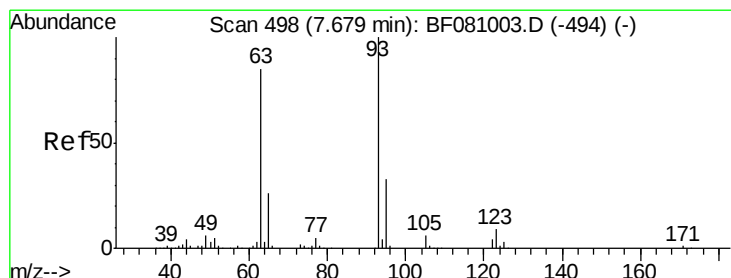
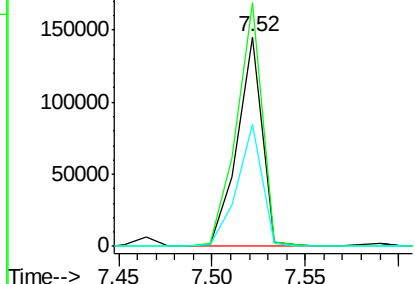
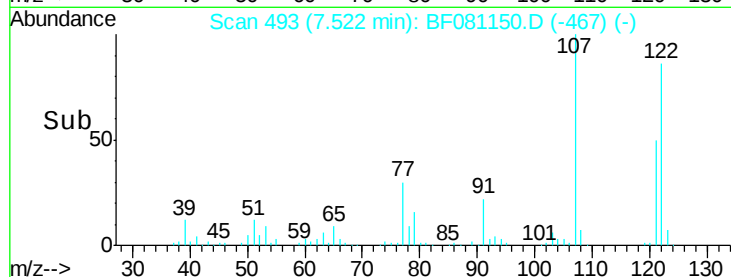
#27
 2,4-Dimethylphenol
 Concen: 34.78 ng
 RT: 7.52 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 136525
 Ion Ratio Lower Upper
 122 100
 107 116.3 103.8 155.6
 121 58.4 47.0 70.4

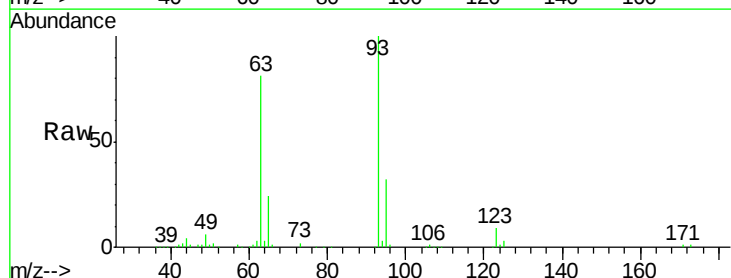


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

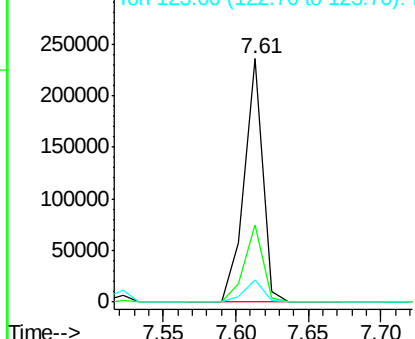
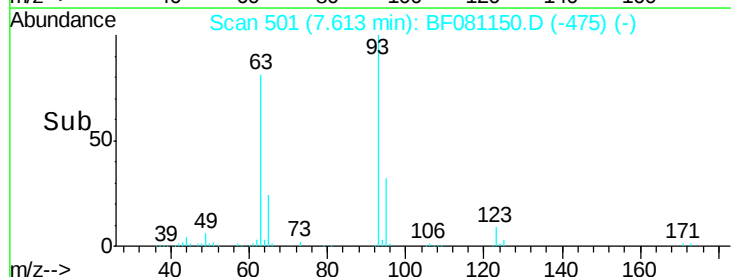


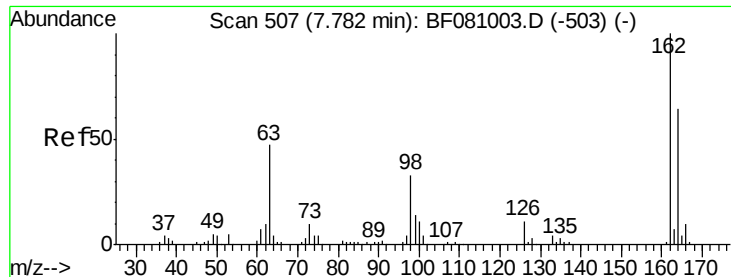
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.21 ng
 RT: 7.61 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion: 93 Resp: 209151
 Ion Ratio Lower Upper
 93 100
 95 31.8 25.8 38.8
 123 9.3 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

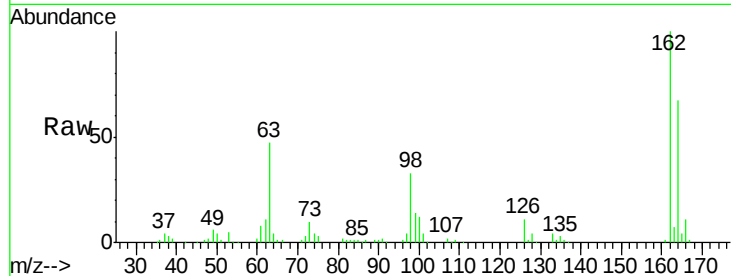




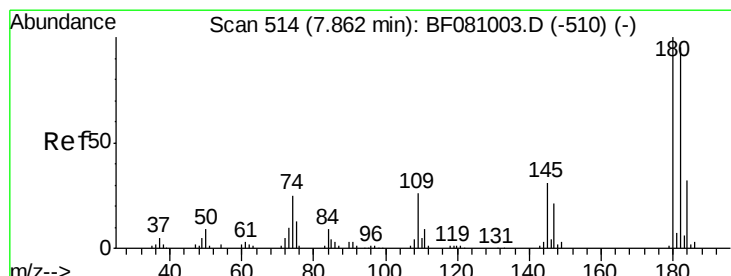
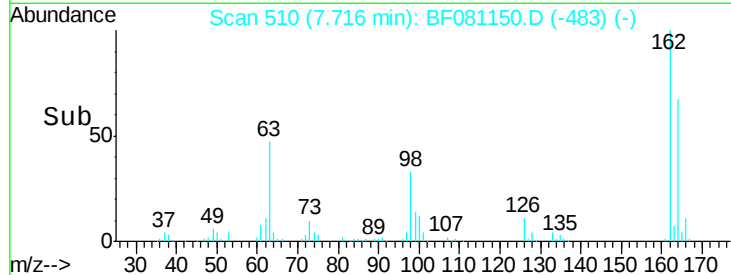
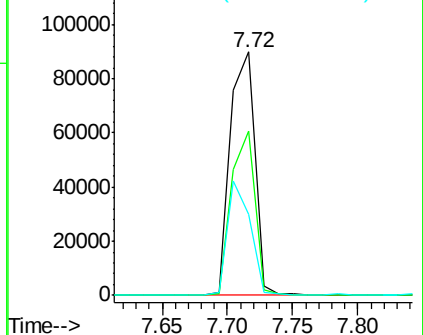
#29
2,4-Dichlorophenol
Concen: 35.73 ng
RT: 7.72 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 118075
Ion Ratio Lower Upper
162 100
164 67.4 43.2 83.2
98 33.5 12.3 52.3

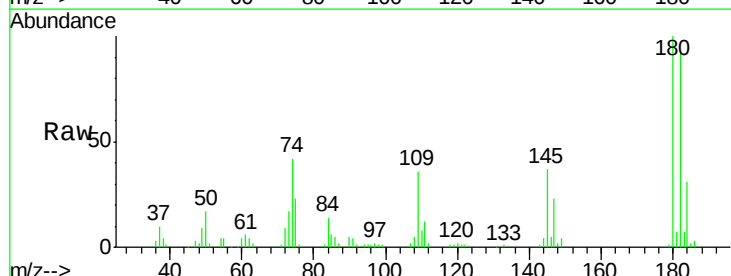


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

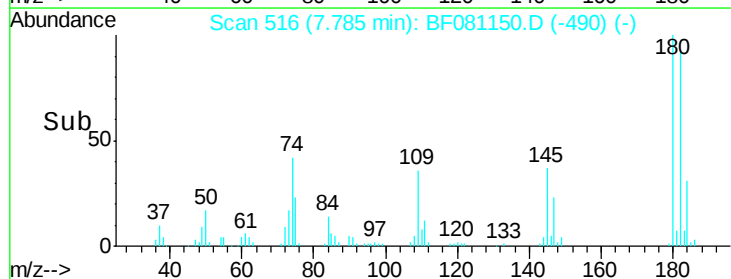
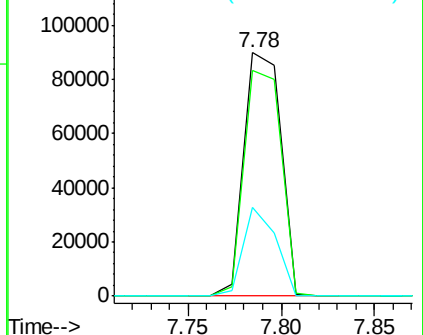


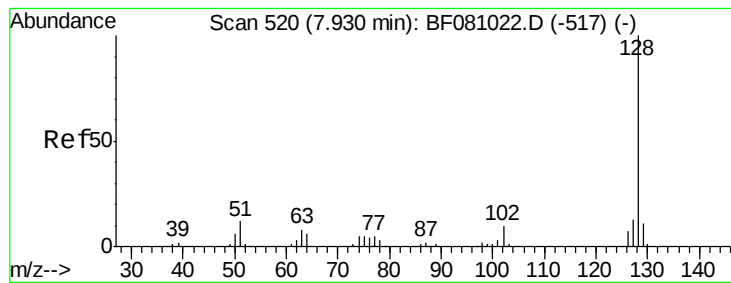
#30
1,2,4-Trichlorobenzene
Concen: 33.70 ng
RT: 7.78 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:180 Resp: 123782
Ion Ratio Lower Upper
180 100
182 92.9 76.4 114.6
145 36.5 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: 32.18 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

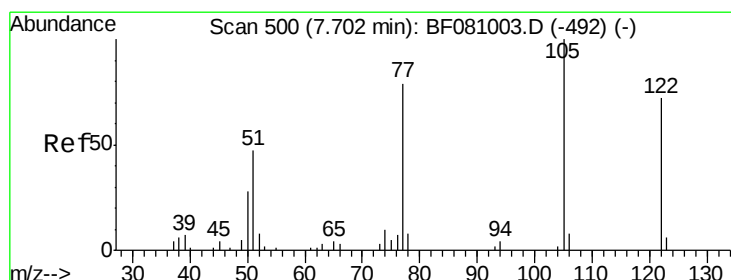
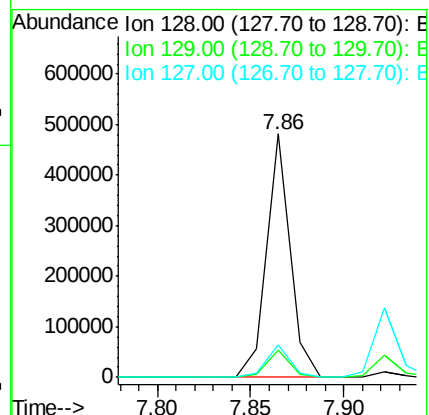
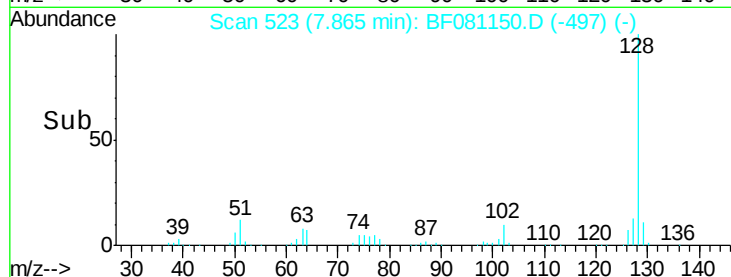
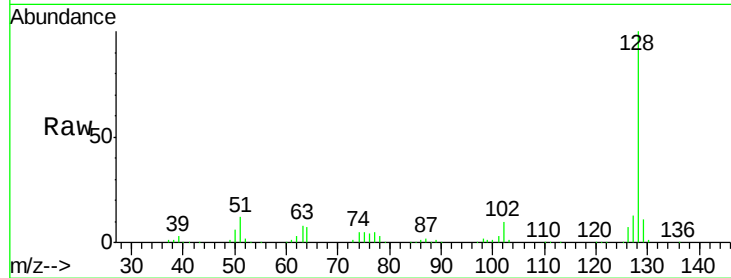
Tot Ion:128 Resp: 418144

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 61.84 ng

RT: 7.52 min Scan# 493

Delta R.T. -0.13 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

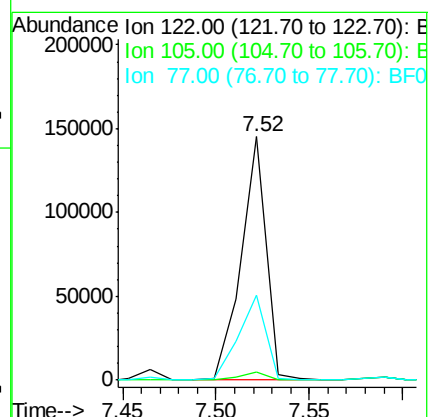
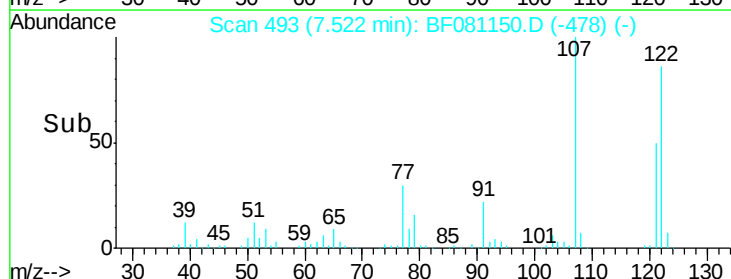
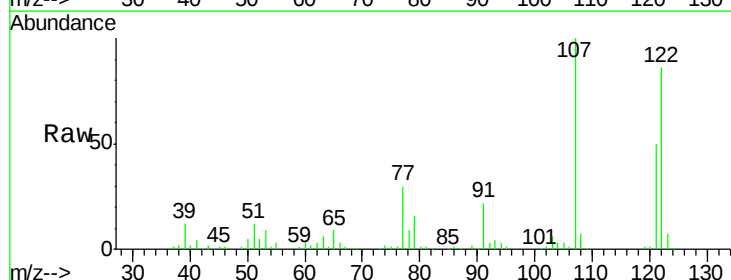
Tgt Ion:122 Resp: 136525

Ion Ratio Lower Upper

122 100

105 3.5 113.8 153.8#

77 35.0 93.8 133.8#

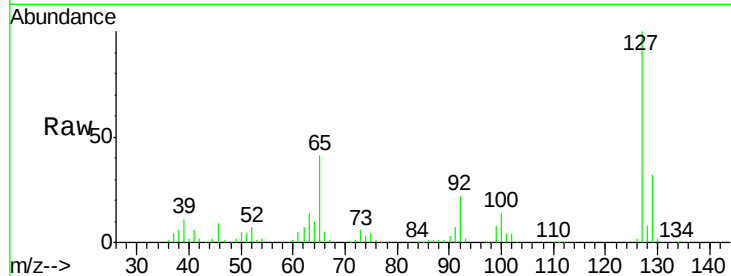




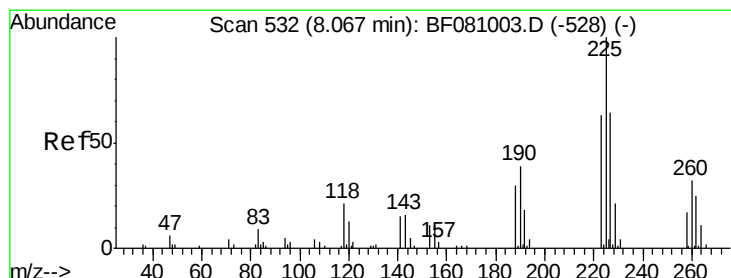
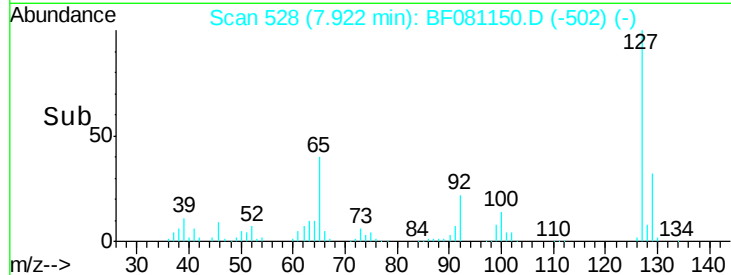
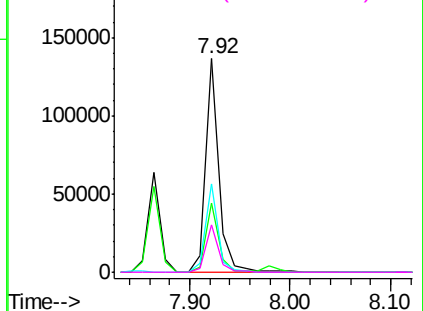
#33
4-Chloroaniline
Concen: 22.83 ng
RT: 7.92 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	125149
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.2	37.8
65	41.4	37.8	56.6
92	22.0	19.5	29.3

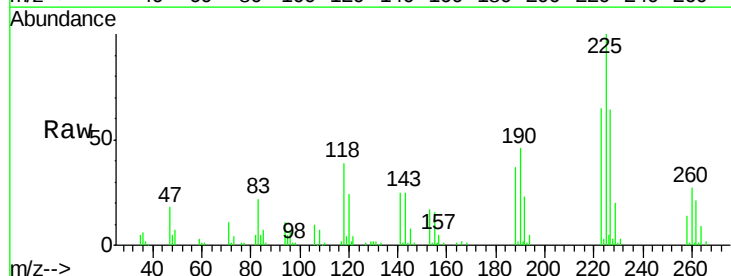


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

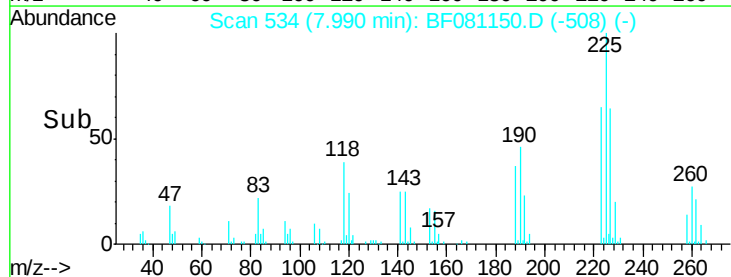
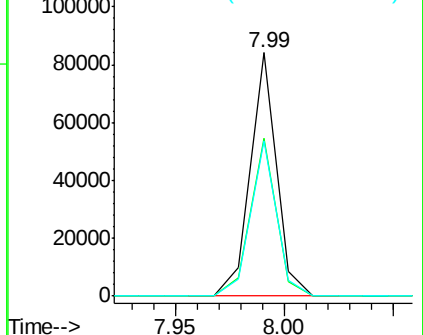


#34
Hexachlorobutadiene
Concen: 33.93 ng
RT: 7.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:	225	Resp:	70471
Ion	Ratio	Lower	Upper
225	100		
223	64.7	52.6	79.0
227	63.6	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

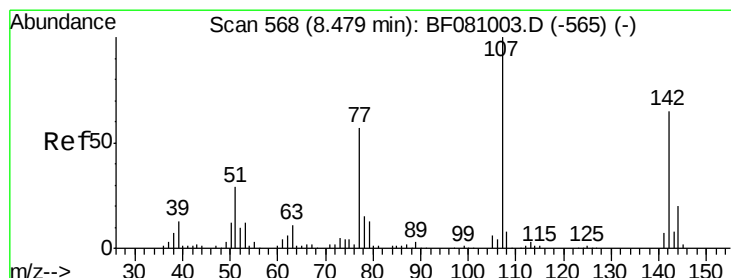
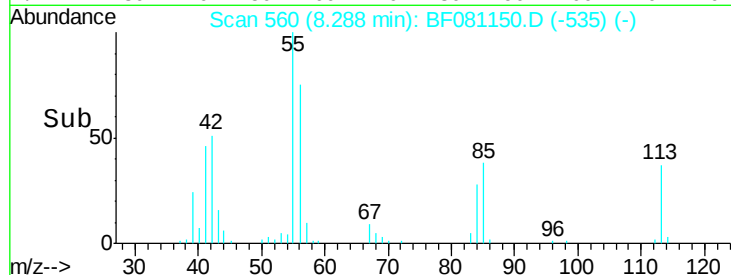
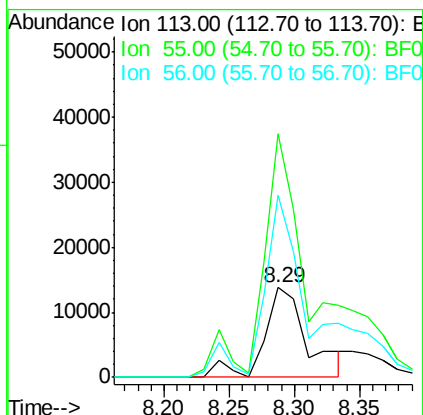
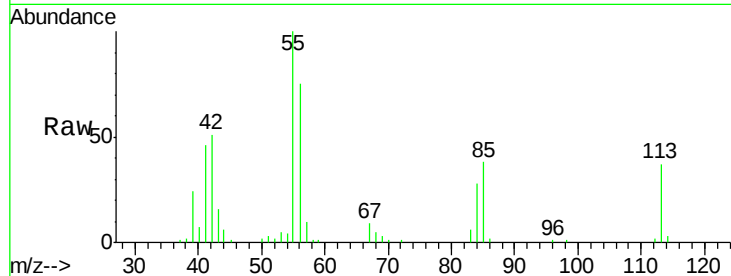




#35
Caprolactam
Concen: 27.30 ng
RT: 8.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

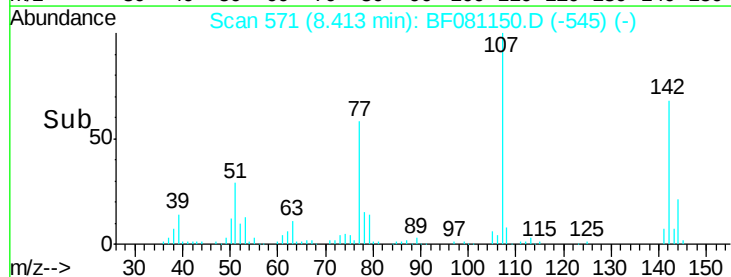
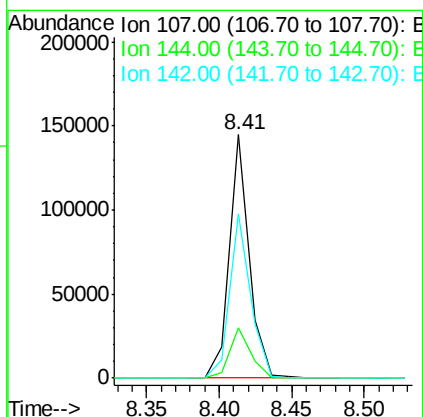
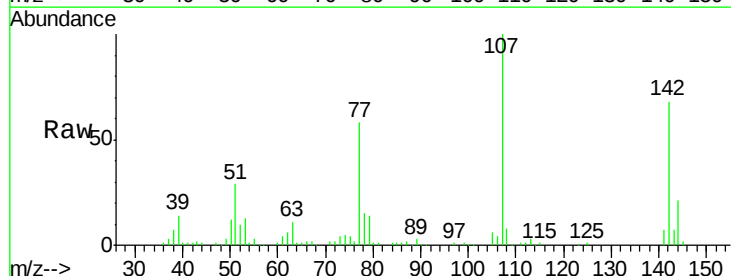
Instrument :
BNA_F
ClientSampleId :

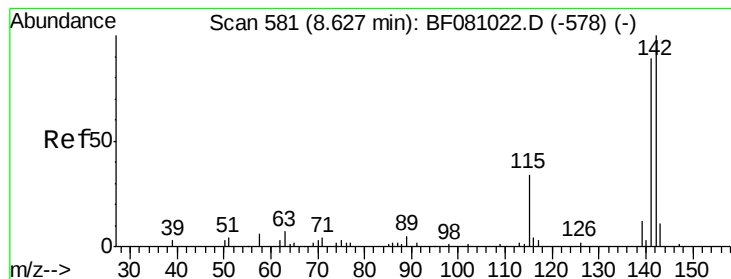
Tot Ion:113 Resp: 31531
Ion Ratio Lower Upper
113 100
55 271.0 280.4 320.4#
56 202.2 205.9 245.9#



#36
4-Chloro-3-methylphenol
Concen: 34.95 ng
RT: 8.41 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:107 Resp: 137653
Ion Ratio Lower Upper
107 100
144 20.6 17.2 25.8
142 67.6 54.9 82.3





#37

2-Methylnaphthalene

Concen: 33.88 ng

RT: 8.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

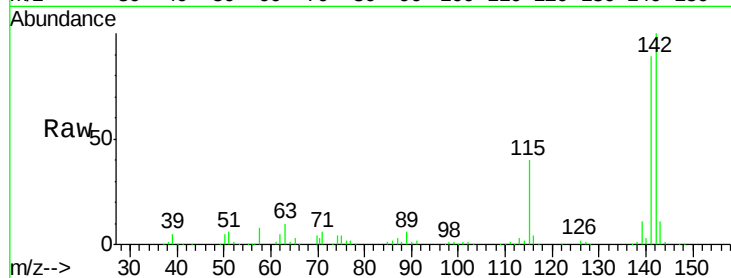
Tot Ion:142 Resp: 278056

Ion Ratio Lower Upper

142 100

141 89.0 71.4 107.2

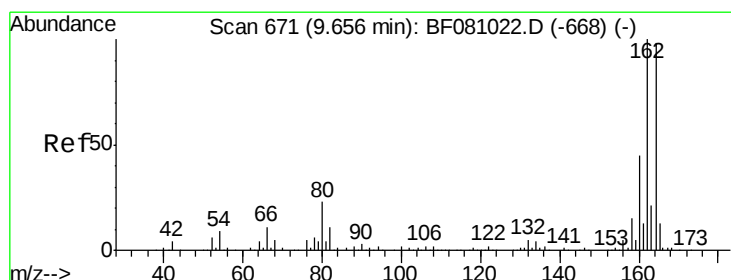
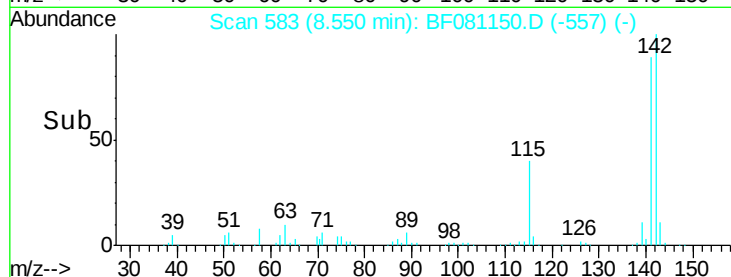
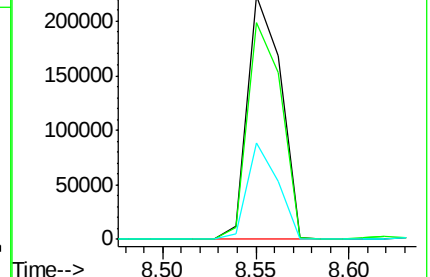
115 39.8 33.4 50.0



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: BF081150.D

Acq: 21 Aug 2015 17:39

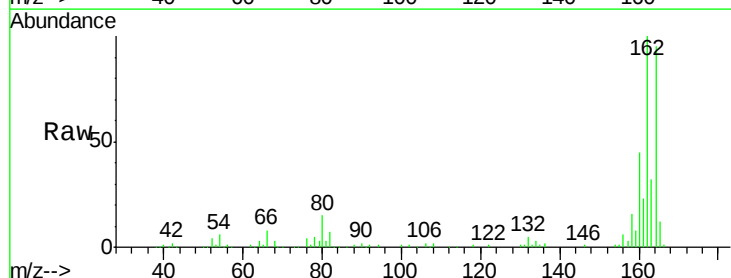
Tgt Ion:164 Resp: 113352

Ion Ratio Lower Upper

164 100

162 105.5 83.8 125.8

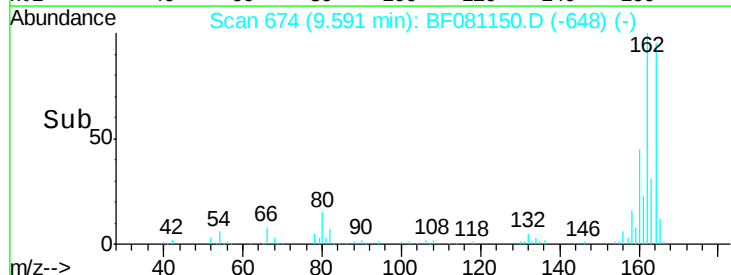
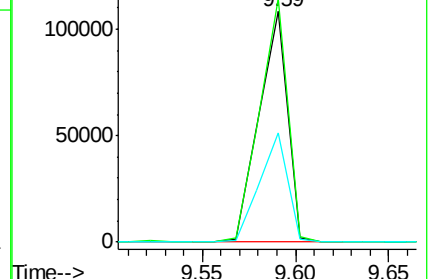
160 47.1 39.8 59.8

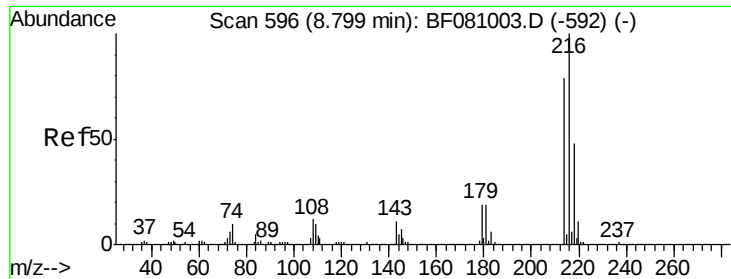


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

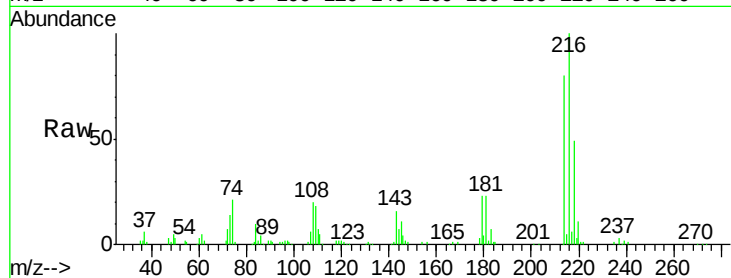




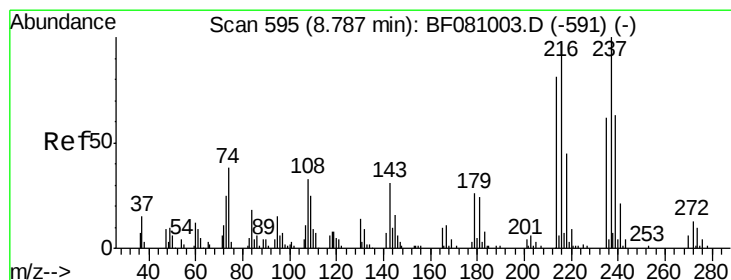
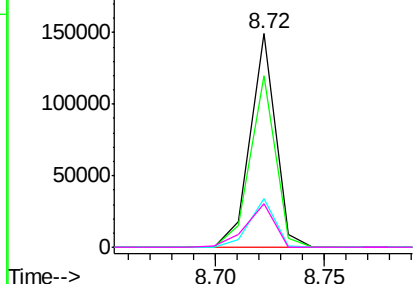
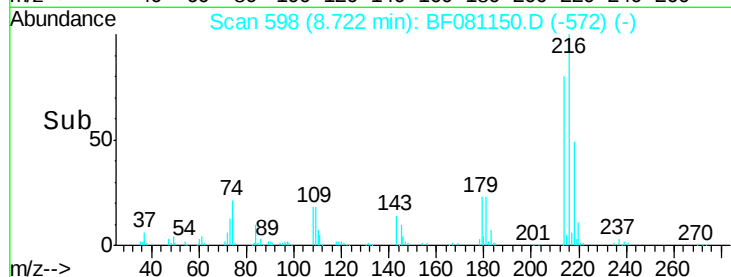
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.01 ng
 RT: 8.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	120725
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.8	95.8
179	23.1	17.8	26.8
108	23.1	16.2	24.2

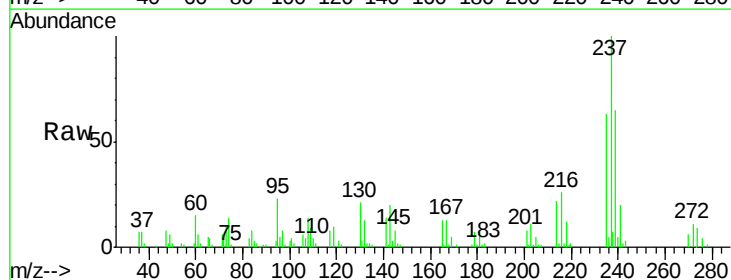


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

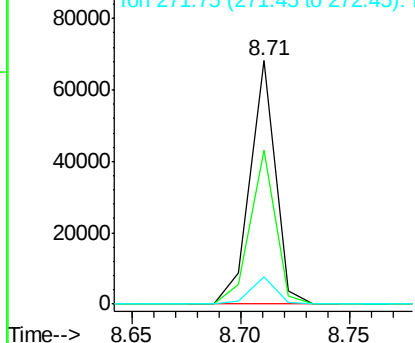
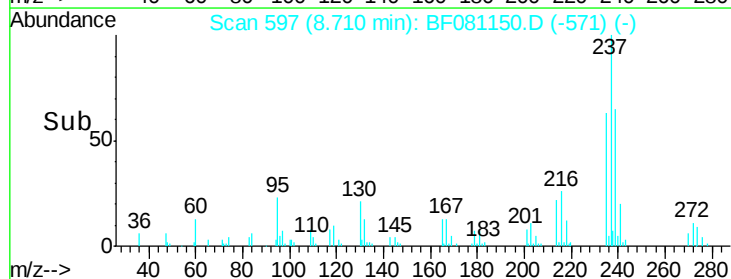


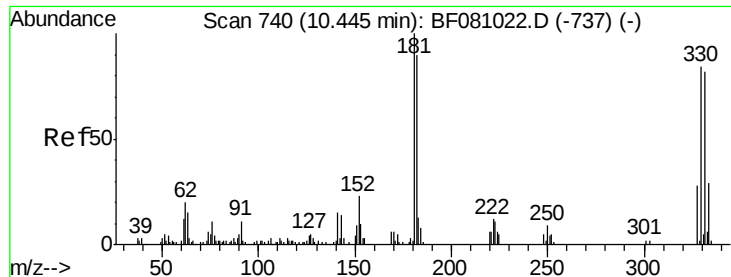
#40
 Hexachlorocyclopentadiene
 Concen: 29.21 ng
 RT: 8.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:	237	Resp:	55285
Ion	Ratio	Lower	Upper
237	100		
235	63.2	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: 97.46 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

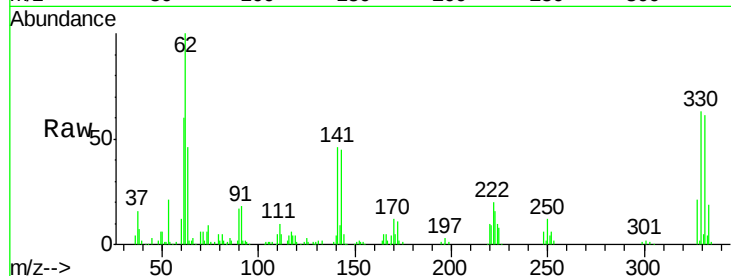
Tot Ion:330 Resp: 95765

Ion Ratio Lower Upper

330 100

332 99.8 77.3 115.9

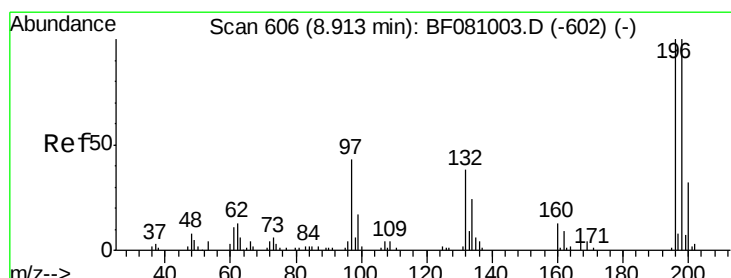
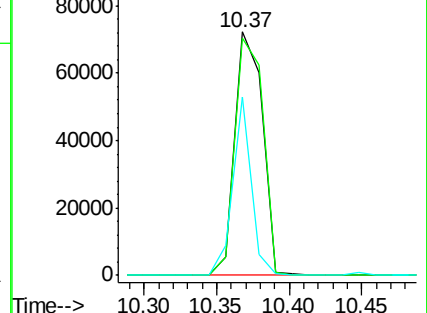
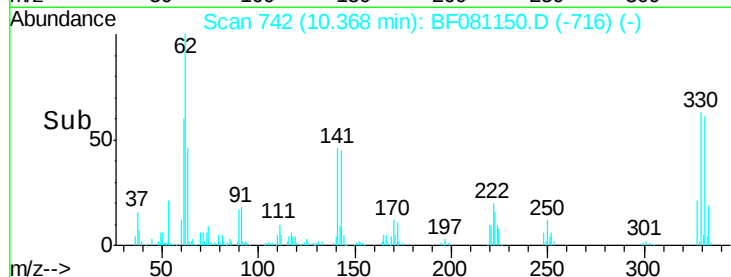
141 49.0 44.9 67.3



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: 31.85 ng

RT: 8.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

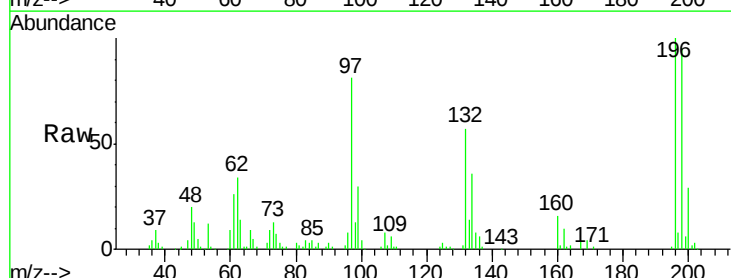
Tgt Ion:196 Resp: 82301

Ion Ratio Lower Upper

196 100

198 95.4 74.6 111.8

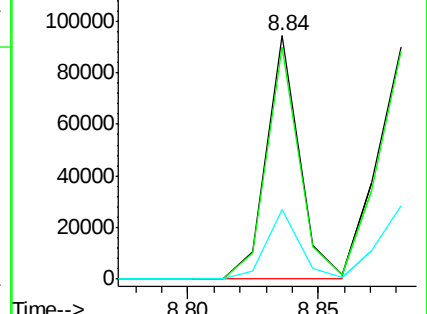
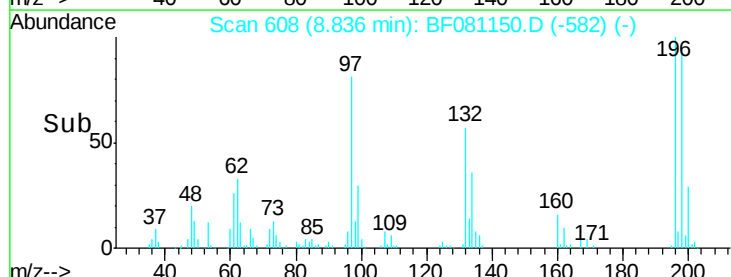
200 28.7 22.7 34.1



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

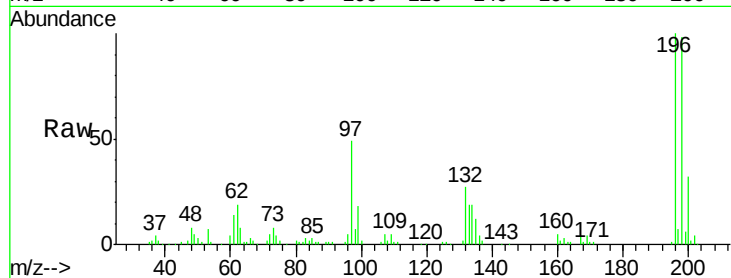




#43
 2,4,5-Trichlorophenol
 Concen: 35.13 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	78.3	117.5
97	49.5	42.7	64.1
132	27.3	23.3	34.9



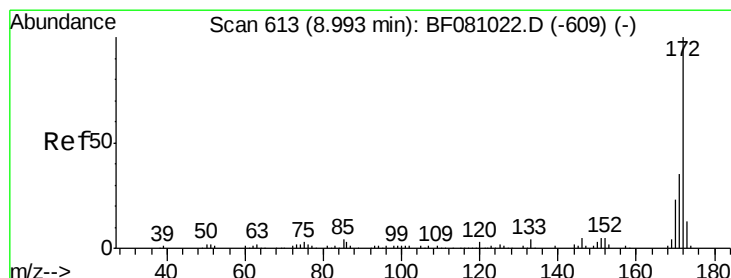
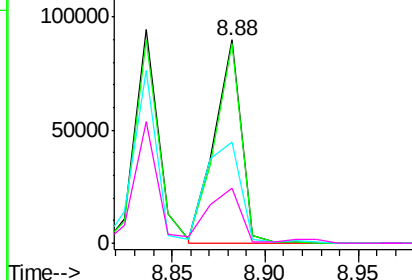
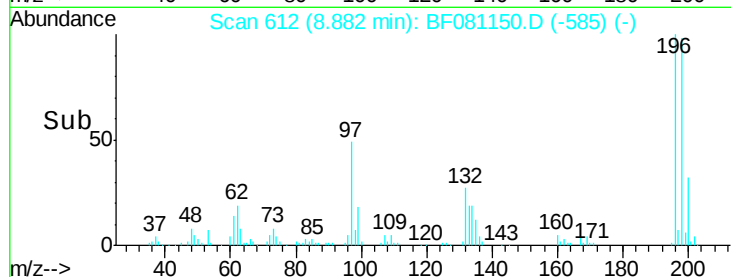
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

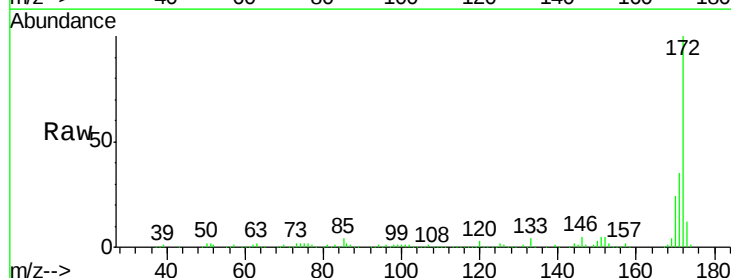
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.78 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.3	19.4	29.2

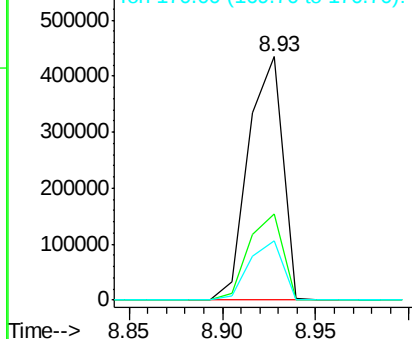
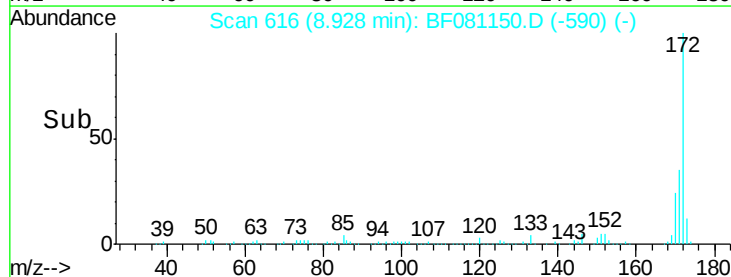


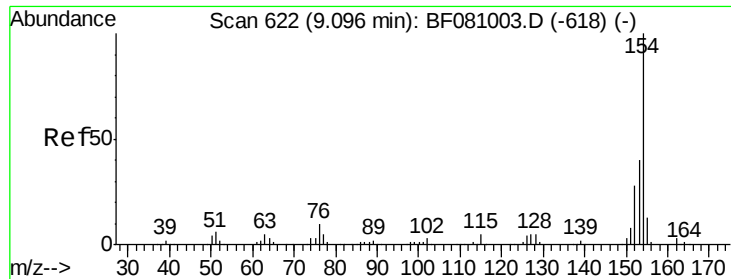
Abundance

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: 35.58 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

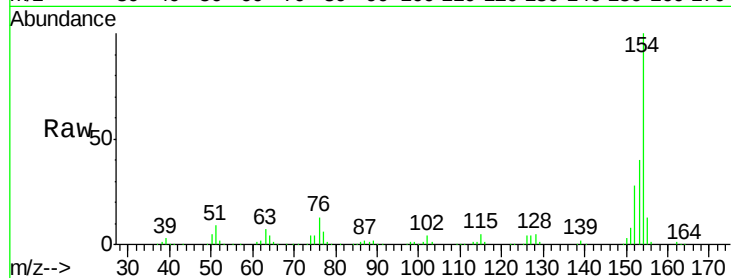
Tot Ion:154 Resp: 355199

Ion Ratio Lower Upper

154 100

153 40.2 19.5 59.5

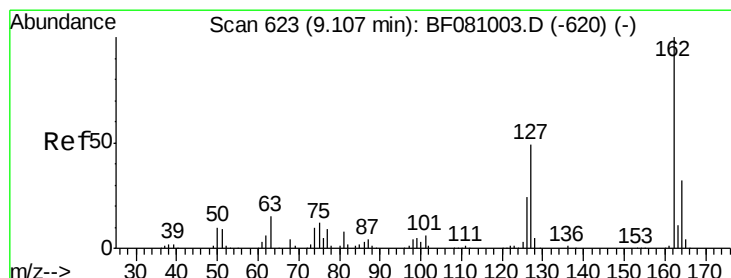
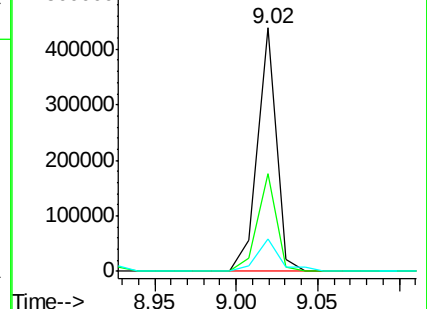
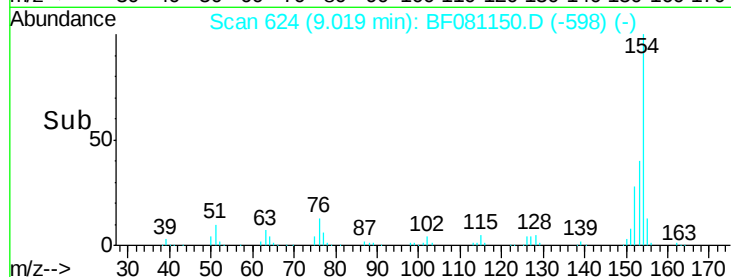
76 13.3 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.50 ng

RT: 9.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

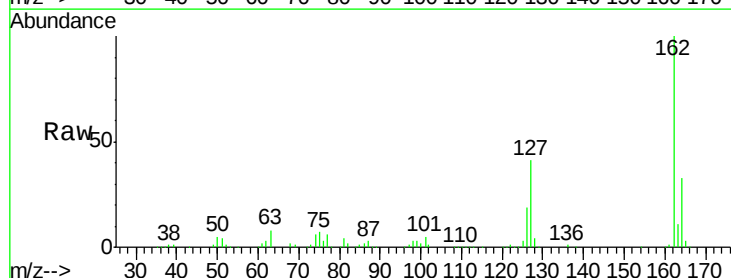
Tgt Ion:162 Resp: 268707

Ion Ratio Lower Upper

162 100

127 40.5 31.3 46.9

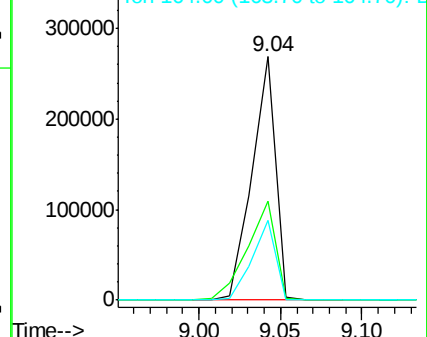
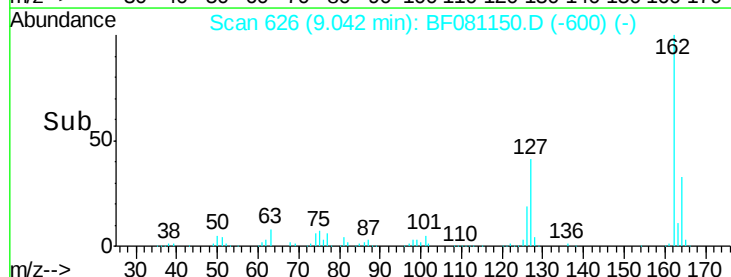
164 33.0 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

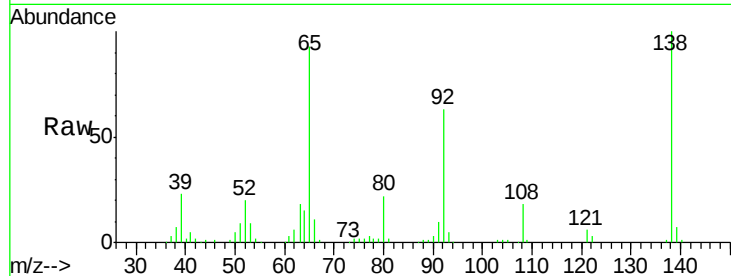




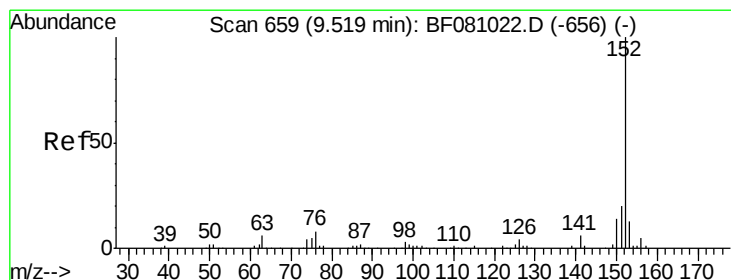
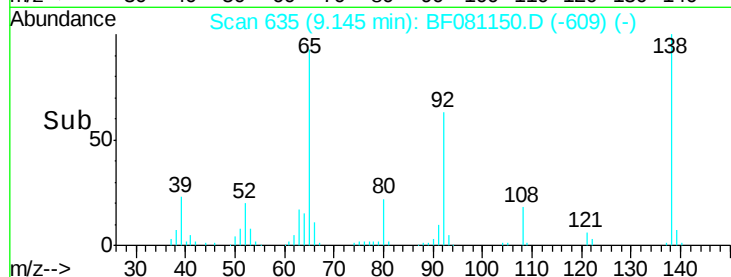
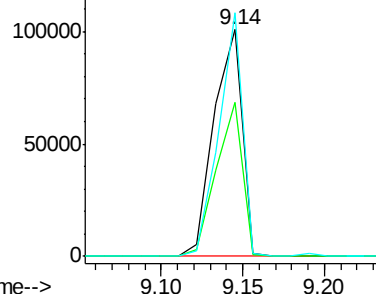
#47
2-Nitroaniline
Concen: 36.80 ng
RT: 9.14 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 120796
Ion Ratio Lower Upper
65 100
92 67.9 45.6 68.4
138 107.4 57.9 86.9#

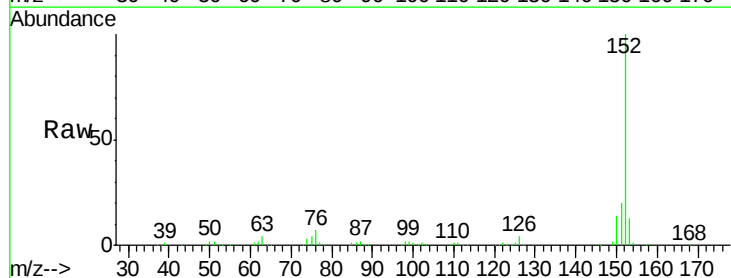


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

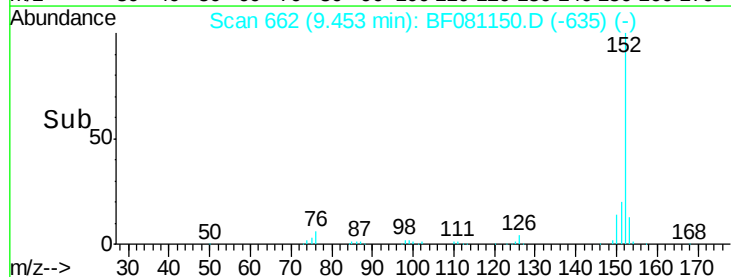
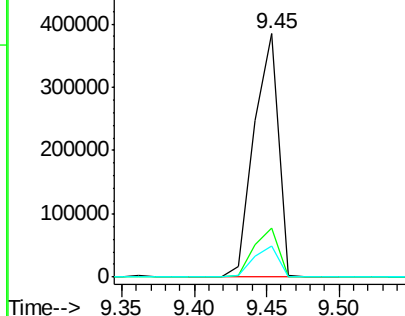


#48
Acenaphthylene
Concen: 31.15 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:152 Resp: 446920
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.6 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: 37.79 ng

RT: 9.33 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

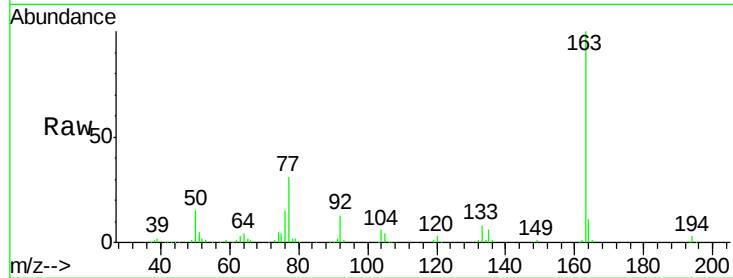
Tot Ion:163 Resp: 352750

Ion Ratio Lower Upper

163 100

194 3.0 2.5 3.7

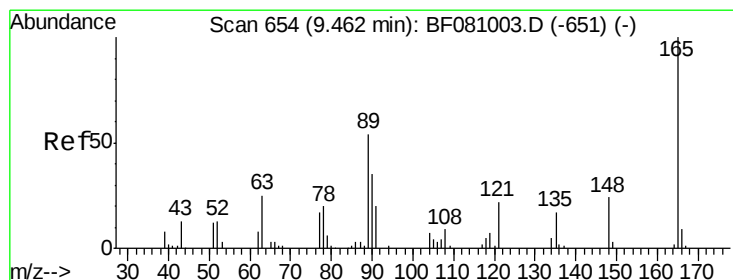
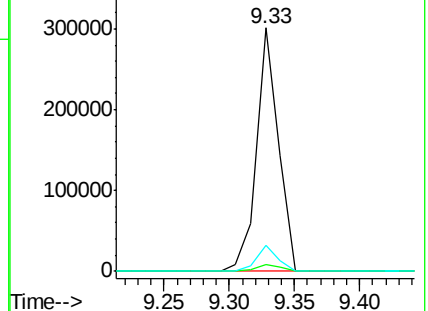
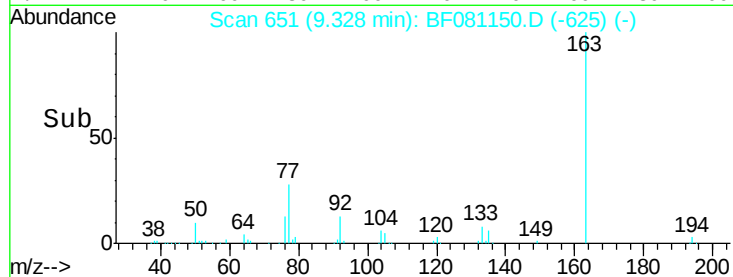
164 10.5 8.1 12.1



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: 30.38 ng

RT: 9.38 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

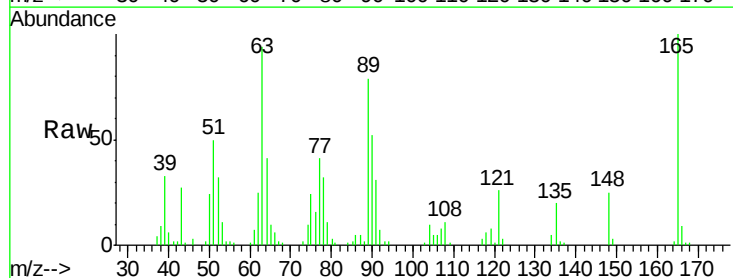
Tgt Ion:165 Resp: 60889

Ion Ratio Lower Upper

165 100

63 93.5 49.5 74.3#

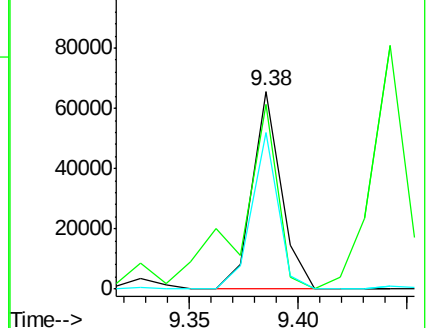
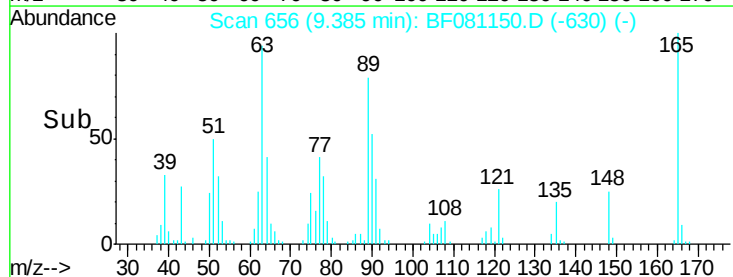
89 79.2 47.6 71.4#



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: 30.30 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

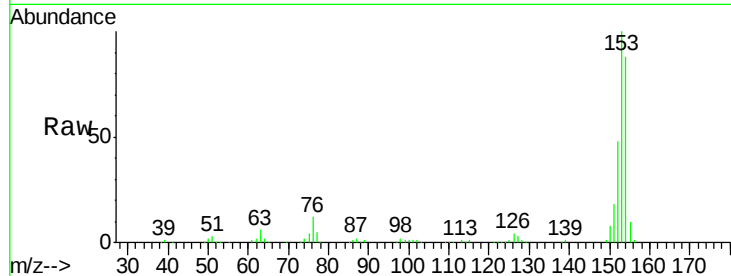
Tot Ion:154 Resp: 260296

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

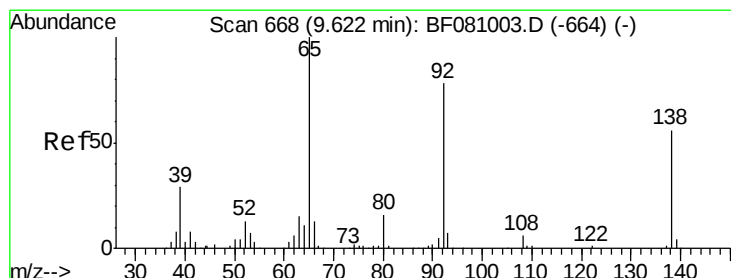
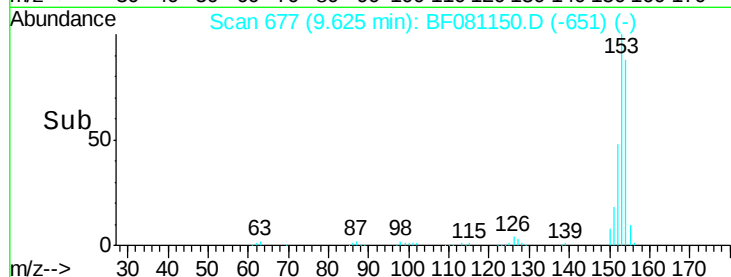
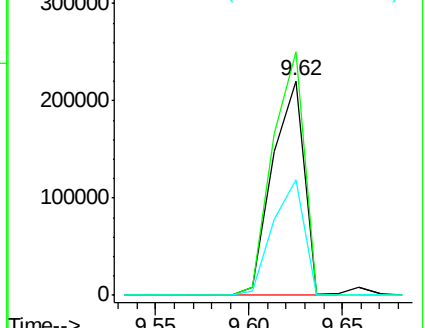
152 54.1 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.99 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

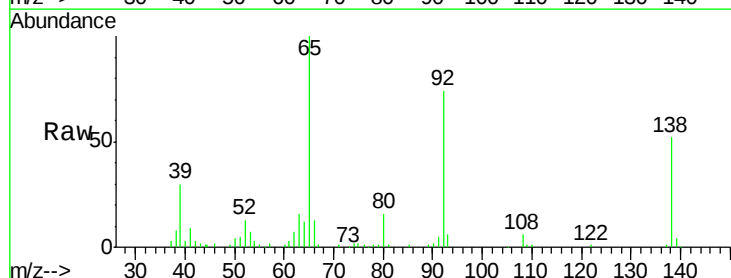
Tgt Ion:138 Resp: 60180

Ion Ratio Lower Upper

138 100

108 11.8 9.4 14.2

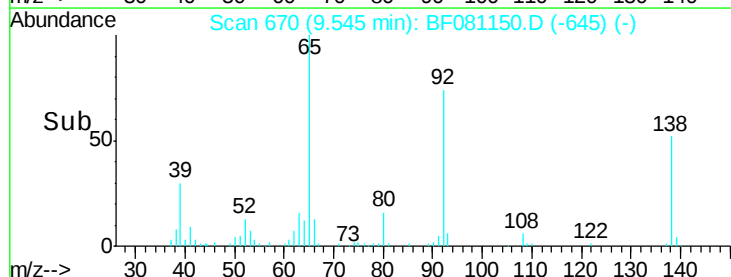
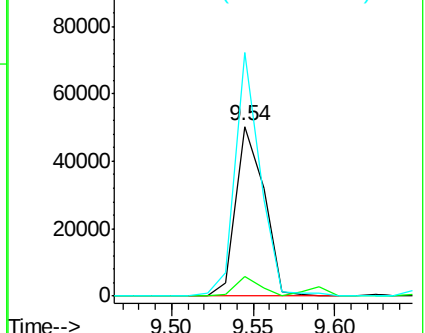
92 143.3 113.2 169.8



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

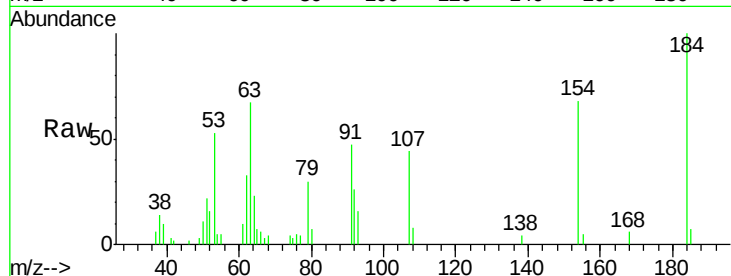




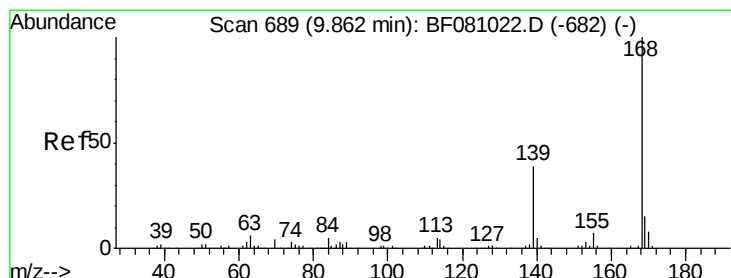
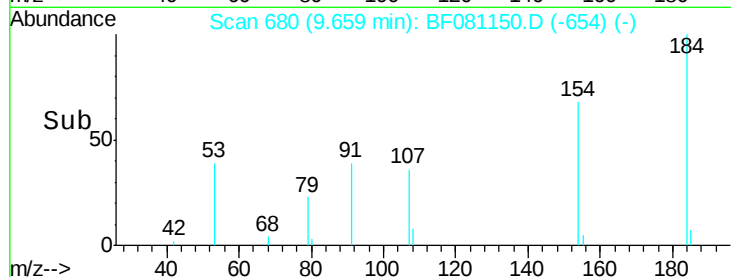
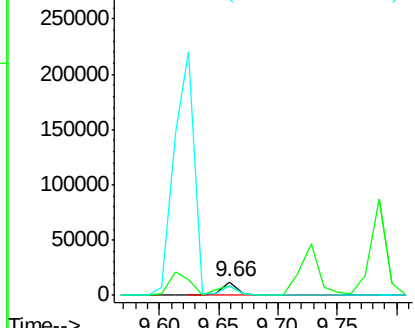
#53
 2,4-Dinitrophenol
 Concen: 15.33 ng
 RT: 9.66 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 12285
 Ion Ratio Lower Upper
 184 100
 63 67.0 101.7 152.5#
 154 68.3 67.4 101.0

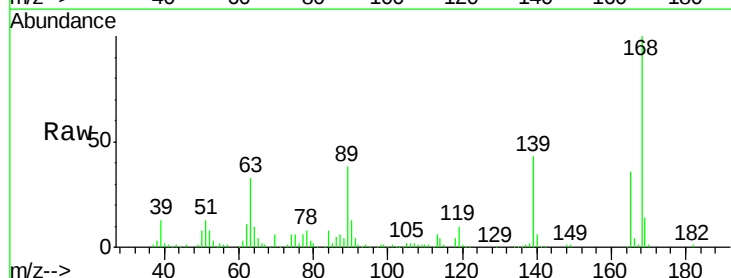


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

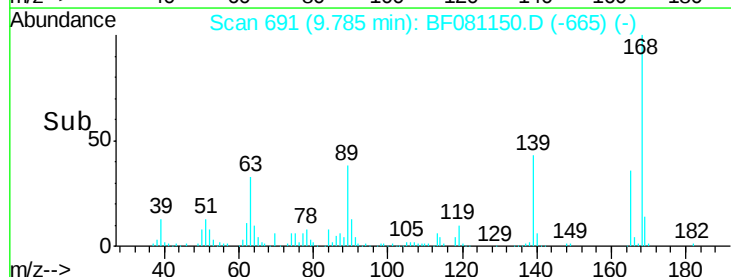
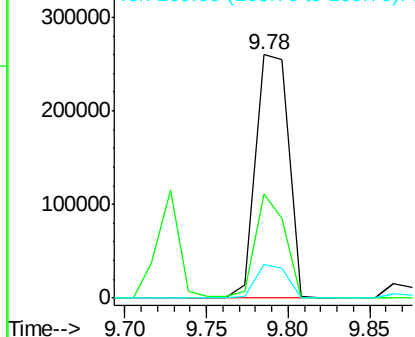


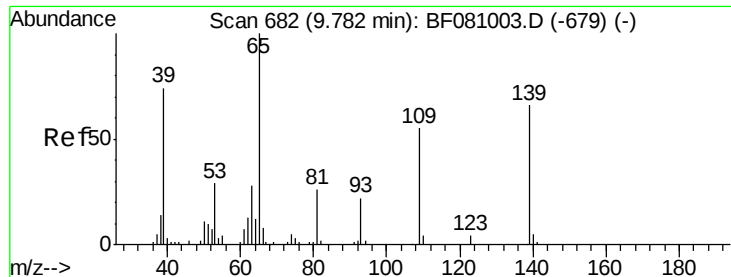
#54
 Dibenzofuran
 Concen: 31.72 ng
 RT: 9.78 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:168 Resp: 365104
 Ion Ratio Lower Upper
 168 100
 139 42.8 29.3 43.9
 169 13.7 10.3 15.5



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

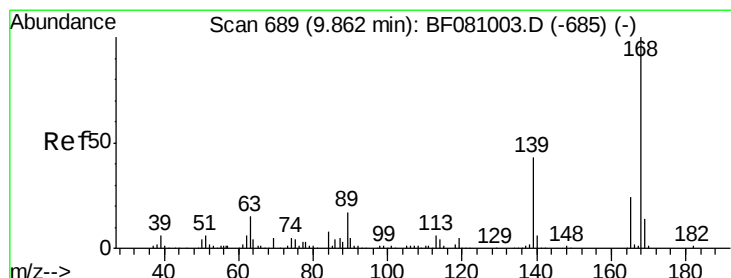
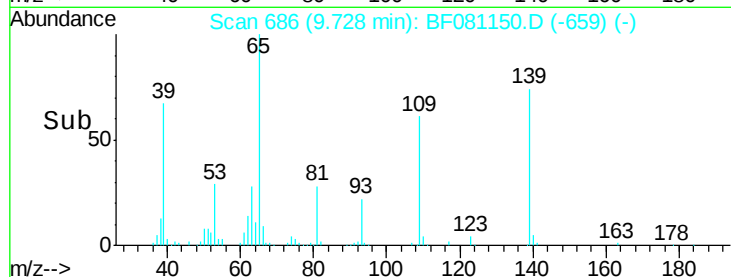
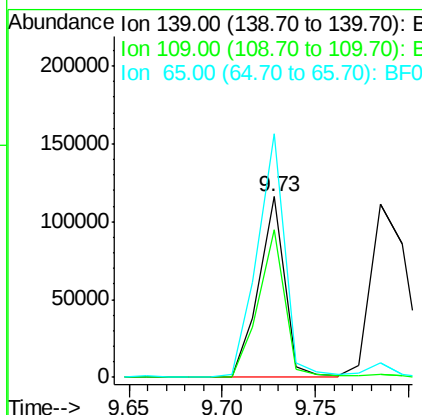
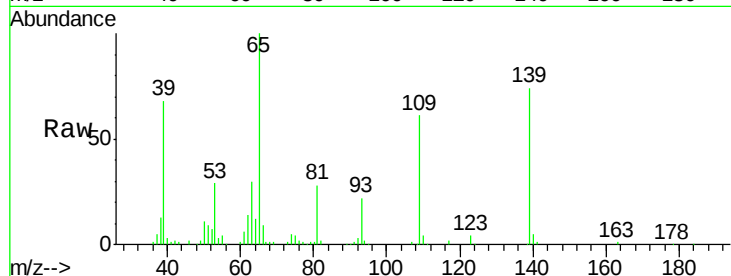




#55
4-Nitrophenol
Concen: 64.40 ng
RT: 9.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

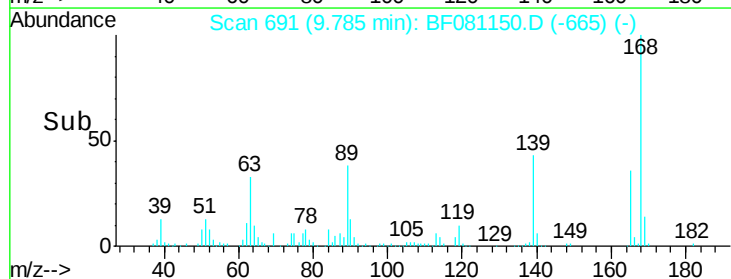
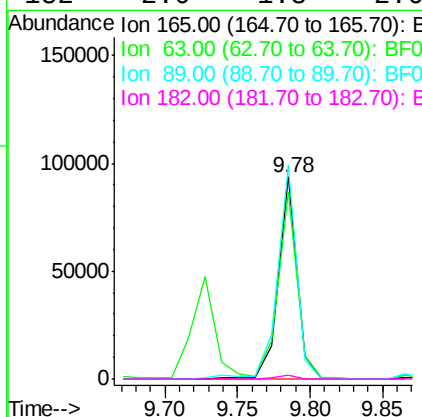
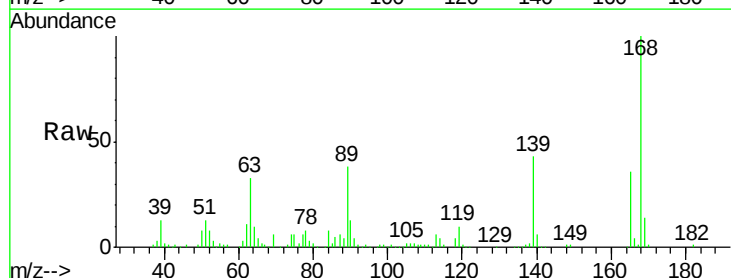
Instrument :
BNA_F
ClientSampleId :

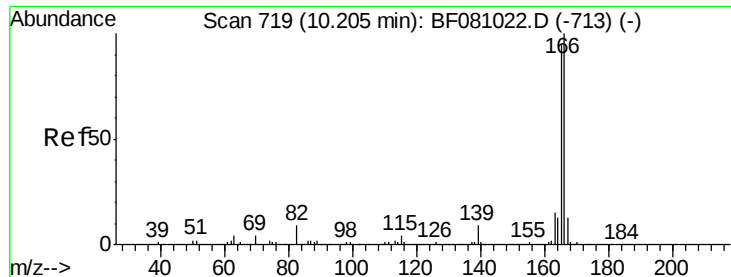
Tot Ion:139 Resp: 113449
Ion Ratio Lower Upper
139 100
109 82.0 80.0 120.0
65 134.9 138.3 178.3#



#56
2,4-Dinitrotoluene
Concen: 31.25 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:165 Resp: 83015
Ion Ratio Lower Upper
165 100
63 92.6 52.2 78.4#
89 105.6 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 30.96 ng

RT: 10.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

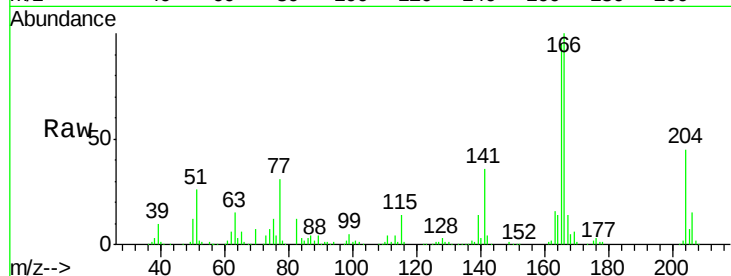
Tot Ion:166 Resp: 274123

Ion Ratio Lower Upper

166 100

165 94.7 75.8 113.8

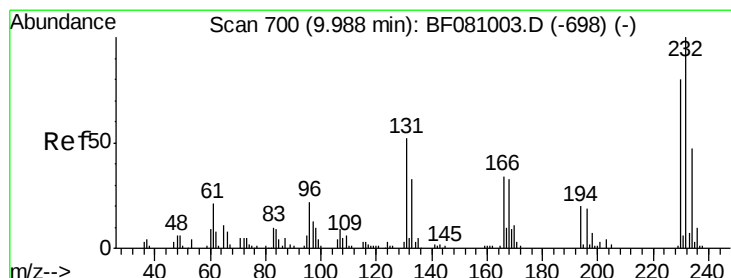
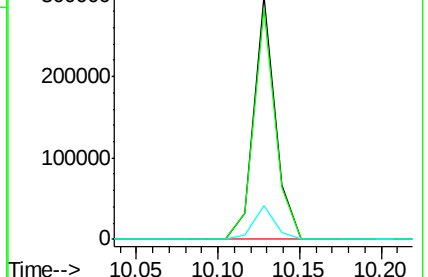
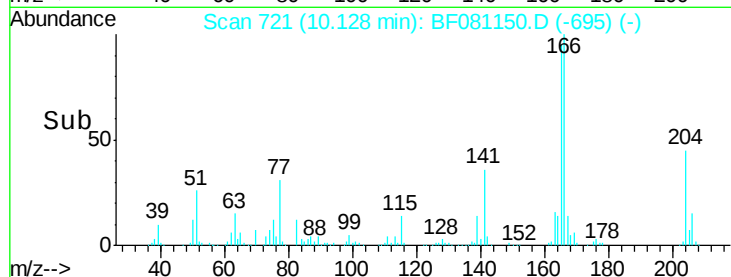
167 13.7 11.3 16.9



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: 33.41 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:232 Resp: 66763

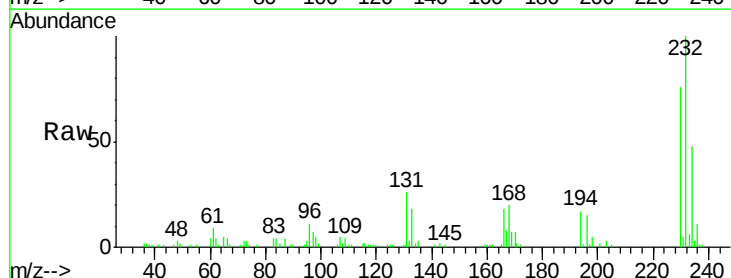
Ion Ratio Lower Upper

232 100

131 46.8 42.2 63.4

130 2.5 2.1 3.1

166 25.9 22.4 33.6

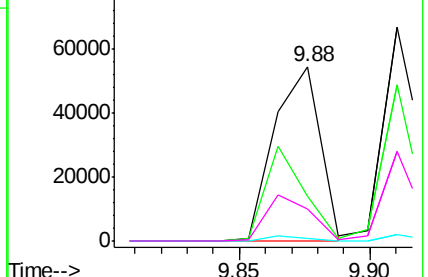
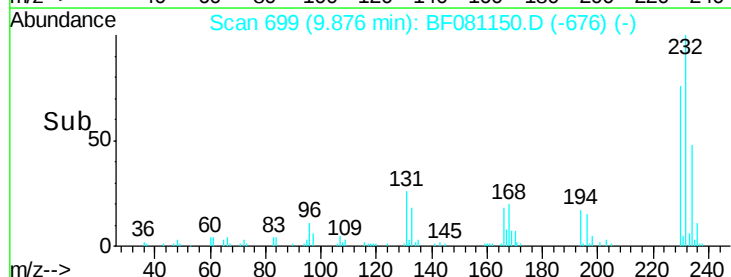


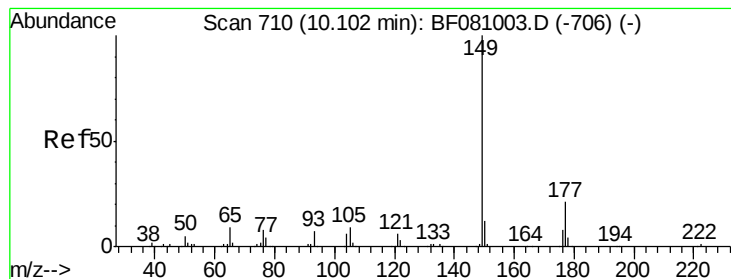
Abundance Ion 232.00 (231.70 to 232.70): E

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: 32.70 ng

RT: 10.02 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

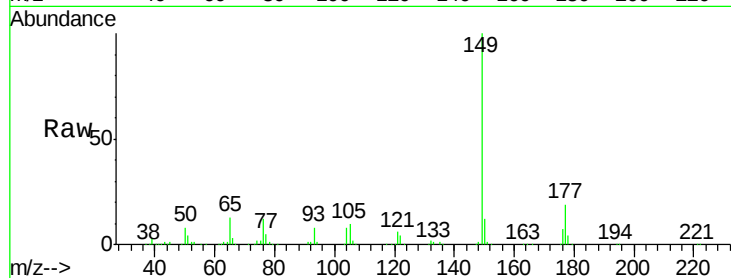
Tot Ion:149 Resp: 323104

Ion Ratio Lower Upper

149 100

177 18.8 14.1 21.1

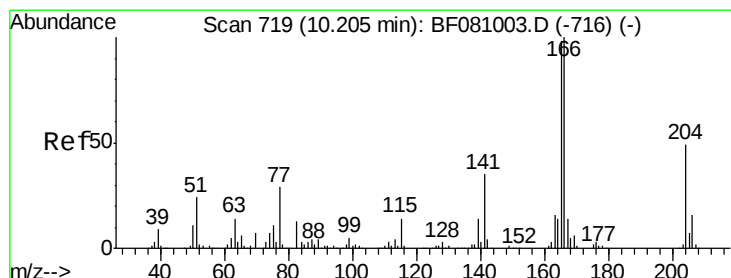
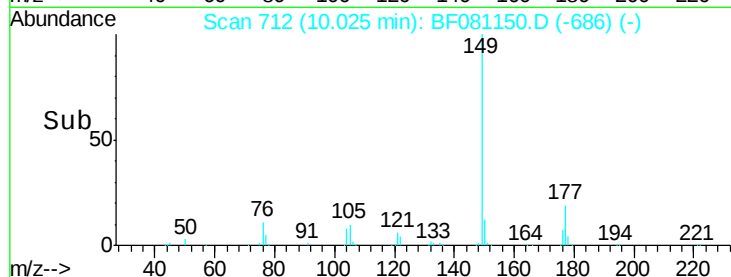
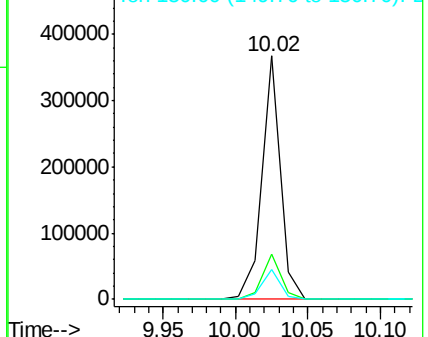
150 12.4 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.12 ng

RT: 10.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

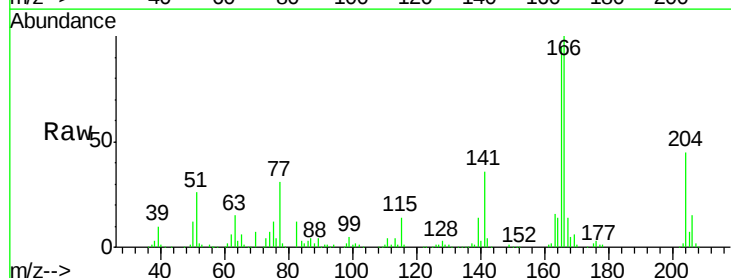
Tgt Ion:204 Resp: 120359

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

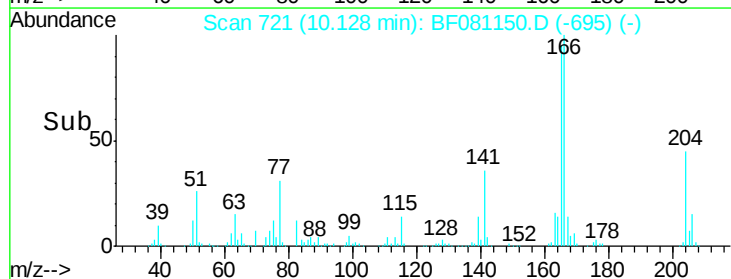
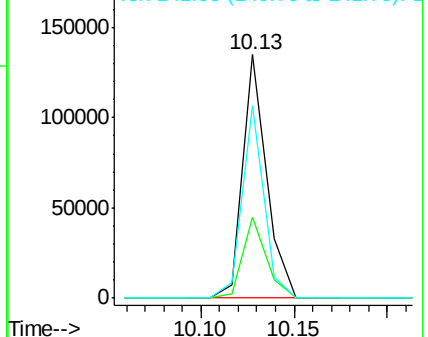
141 78.9 59.6 89.4

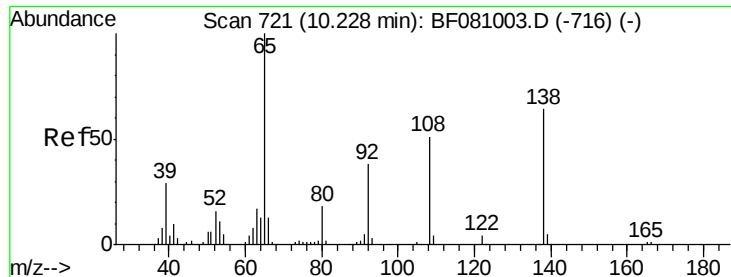


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

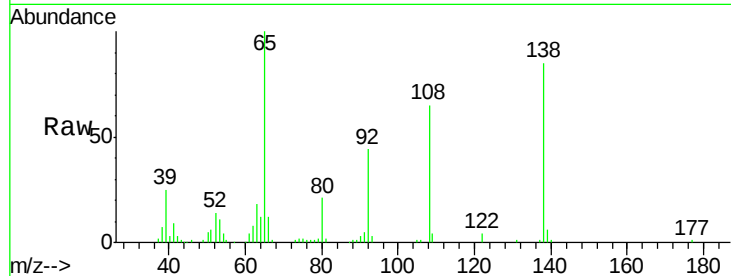




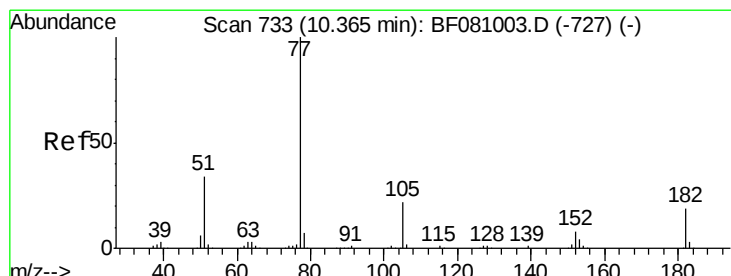
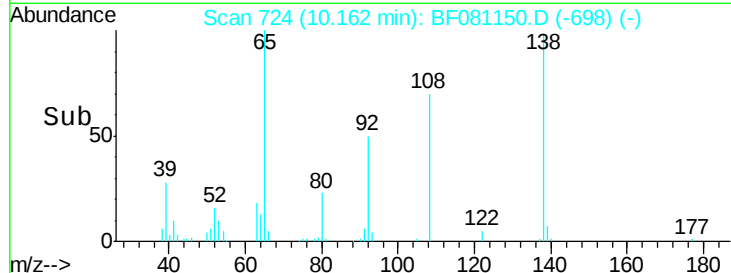
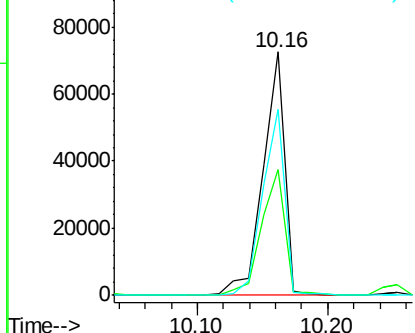
#61
4-Nitroaniline
Concen: 33.02 ng
RT: 10.16 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 84650
Ion Ratio Lower Upper
138 100
92 51.7 34.7 74.7
108 76.2 68.9 108.9

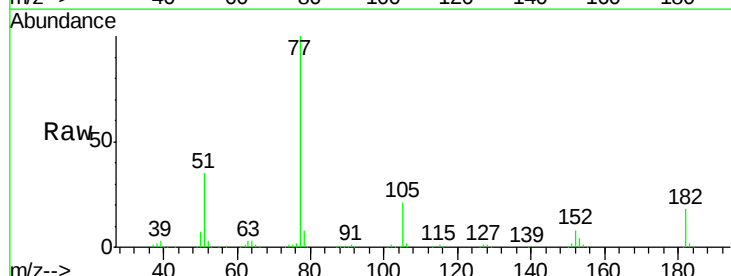


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

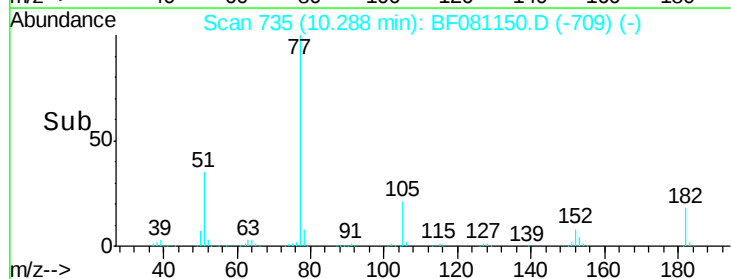
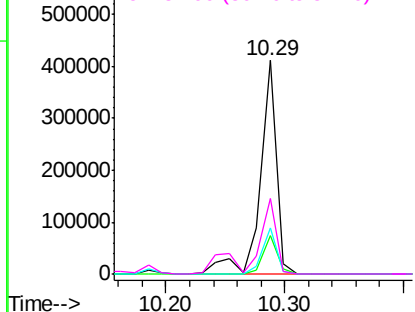


#62
Azobenzene
Concen: 34.71 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion: 77 Resp: 395150
Ion Ratio Lower Upper
77 100
182 18.0 0.0 39.0
105 21.4 0.2 40.2
51 35.1 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

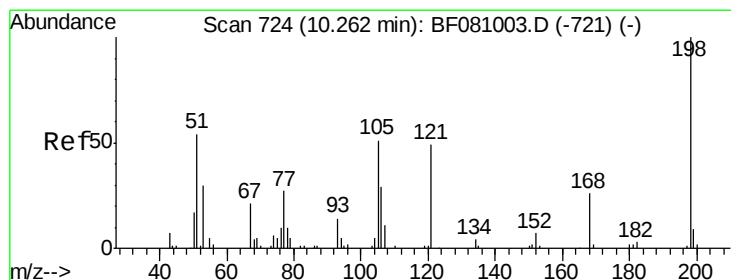
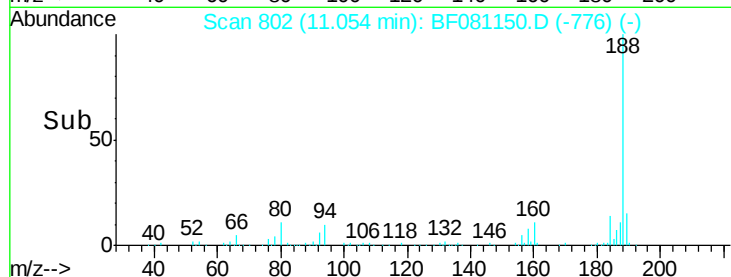
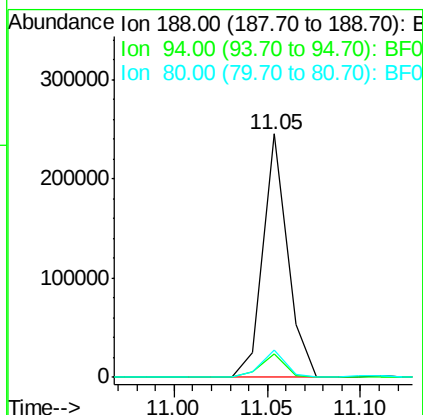
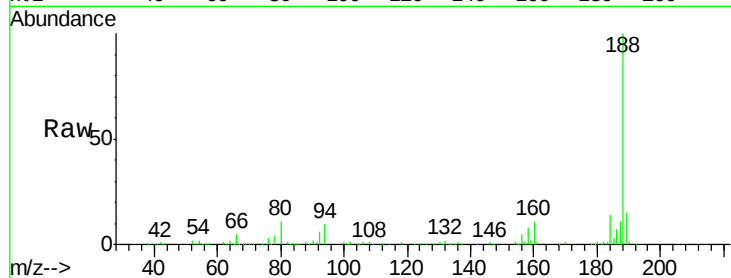




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

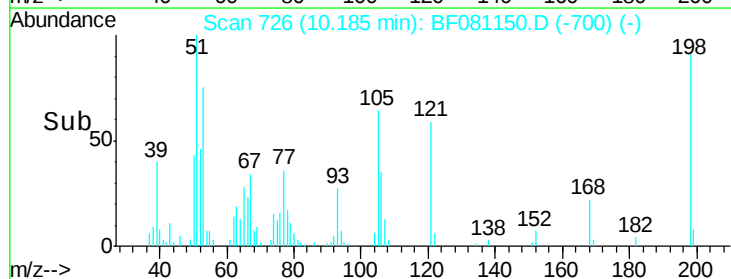
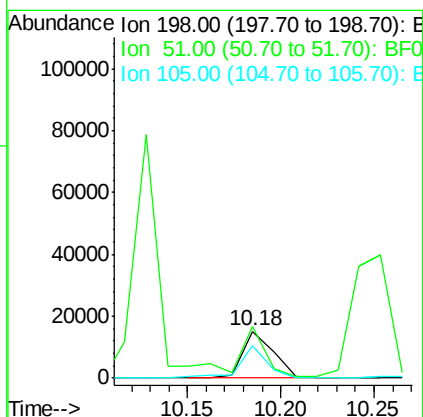
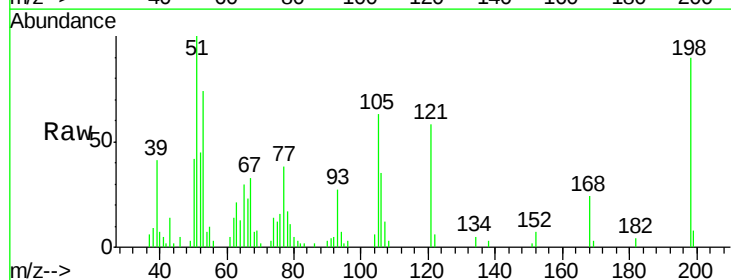
Instrument :
 BNA_F
 ClientSampleId :

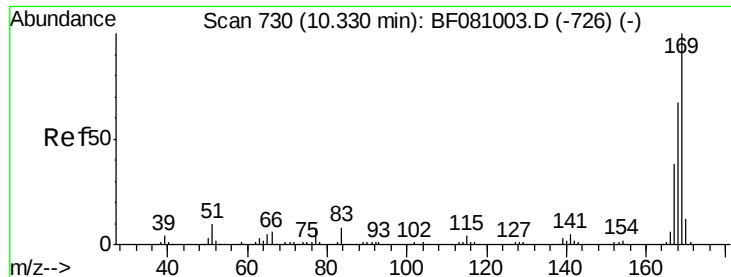
Tot Ion:188 Resp: 222721
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.2 12.2
 80 11.2 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.73 ng
 RT: 10.18 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:198 Resp: 16935
 Ion Ratio Lower Upper
 198 100
 51 111.6 79.7 119.7
 105 69.9 47.0 87.0





#65

n-Nitrosodiphenylamine

Concen: 35.26 ng

RT: 10.25 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

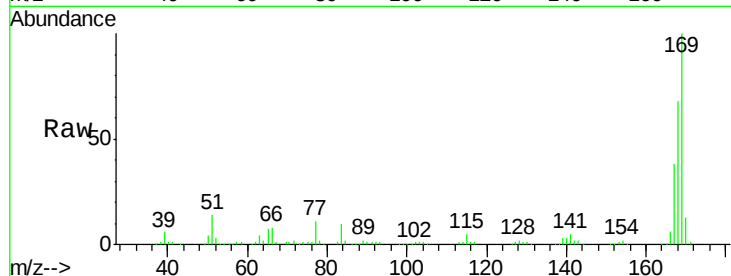
Tot Ion:169 Resp: 280315

Ion Ratio Lower Upper

169 100

168 68.4 55.3 82.9

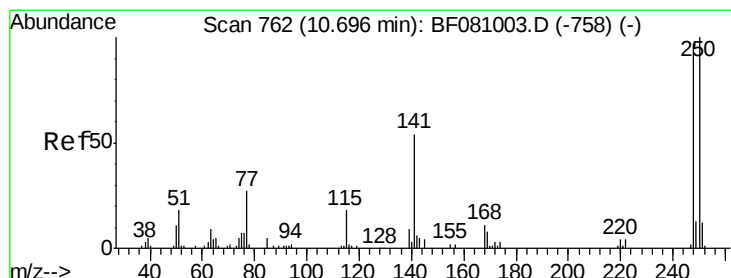
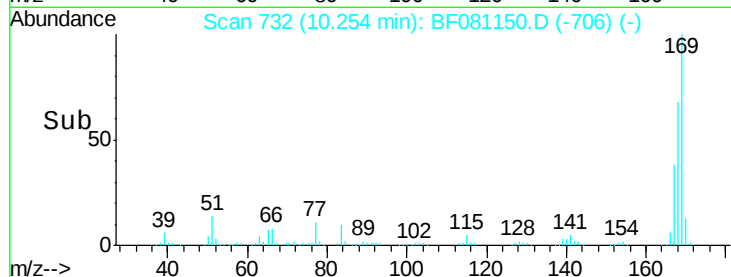
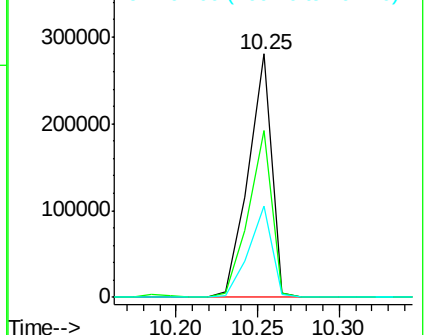
167 37.7 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 31.93 ng

RT: 10.62 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

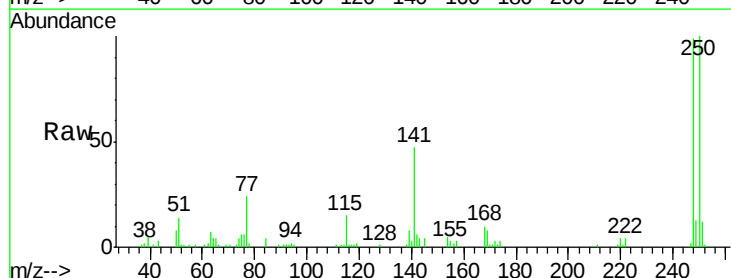
Tgt Ion:248 Resp: 69871

Ion Ratio Lower Upper

248 100

250 100.5 77.8 116.6

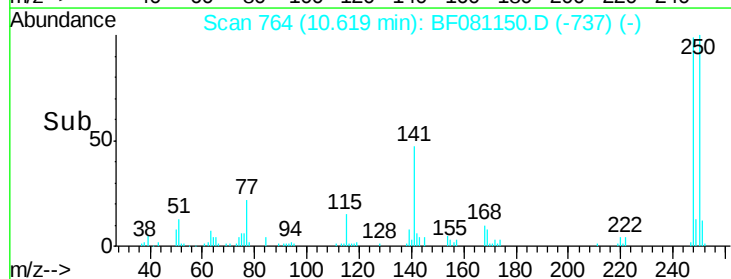
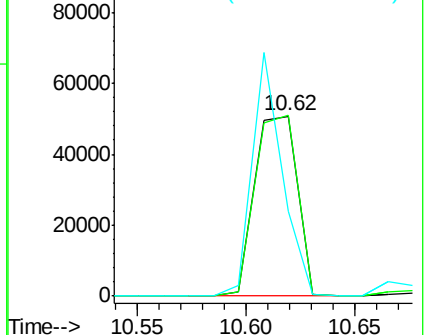
141 46.8 39.8 59.6

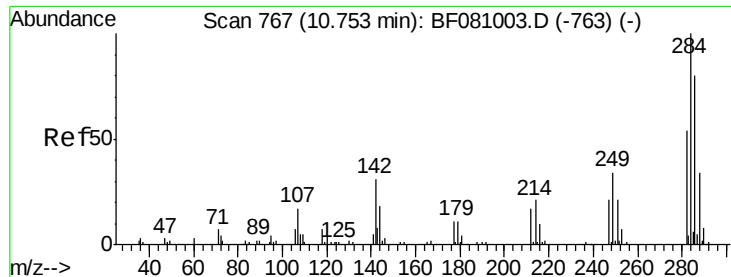


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

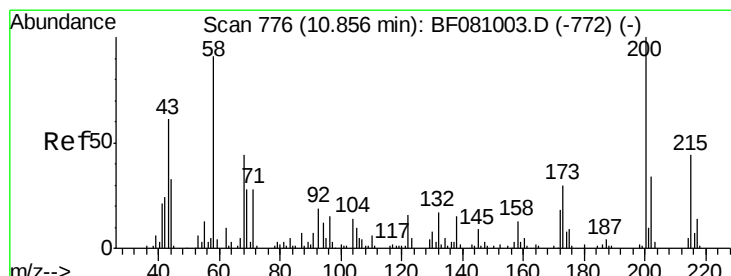
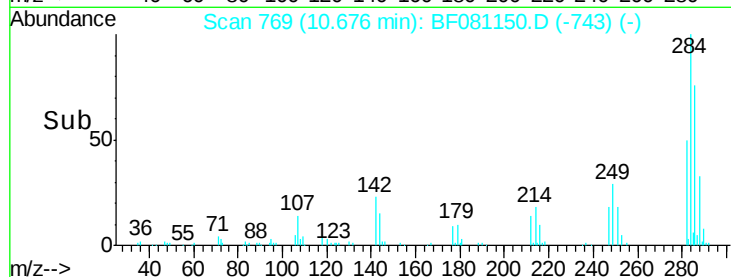
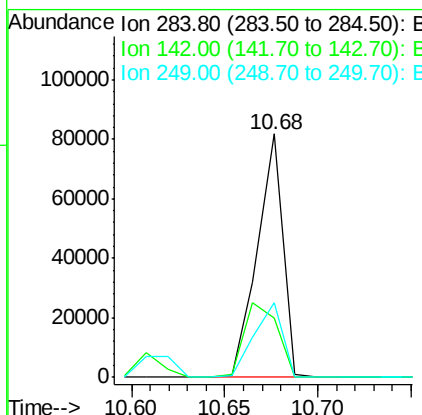
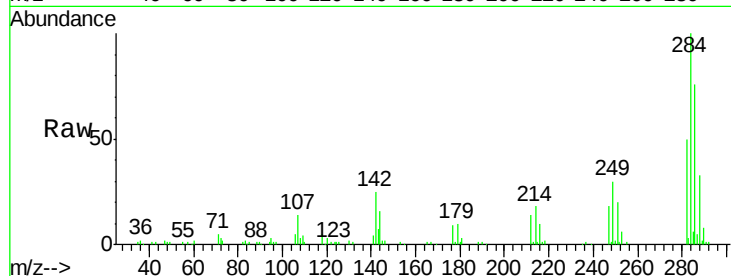




#67
Hexachlorobenzene
Concen: 35.80 ng
RT: 10.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

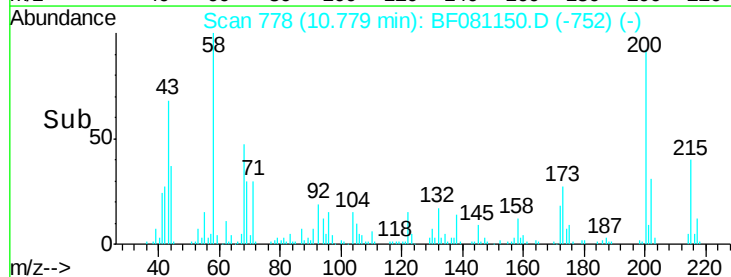
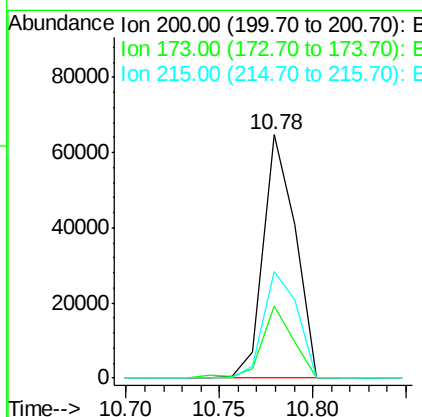
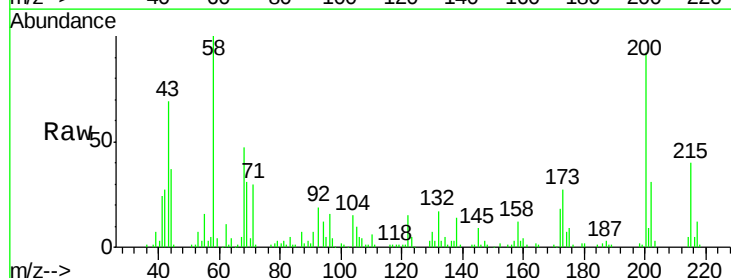
Instrument :
BNA_F
ClientSampleId :

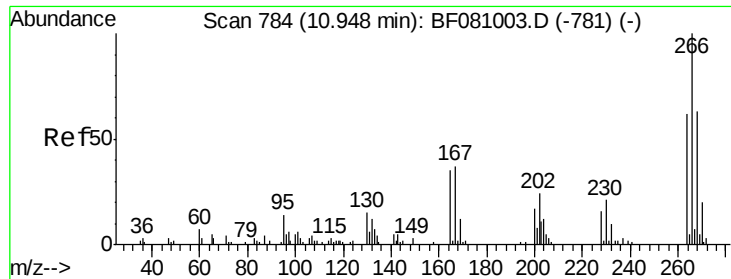
Tot Ion:284 Resp: 79320
Ion Ratio Lower Upper
284 100
142 24.5 25.4 38.0#
249 30.5 28.5 42.7



#68
Atrazine
Concen: 34.99 ng
RT: 10.78 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:200 Resp: 77508
Ion Ratio Lower Upper
200 100
173 29.7 8.1 48.1
215 43.6 23.3 63.3

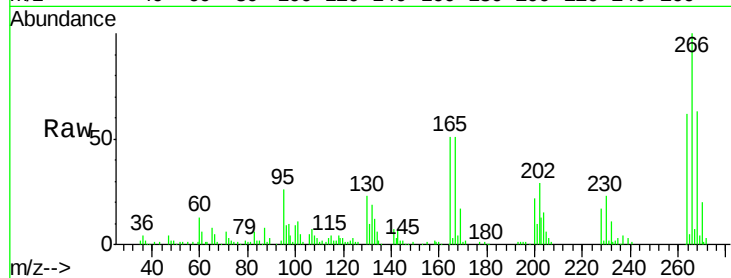




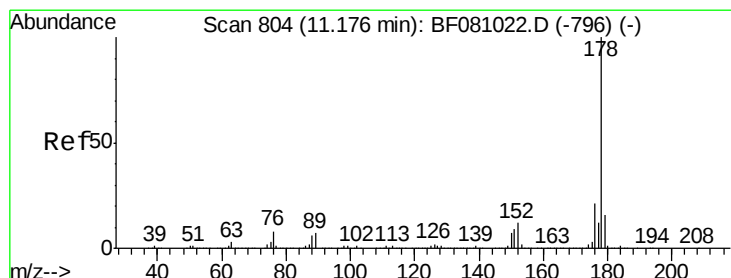
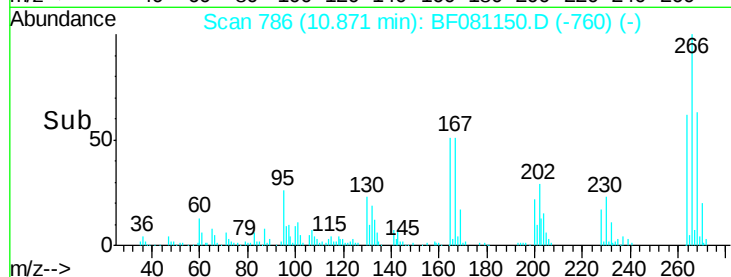
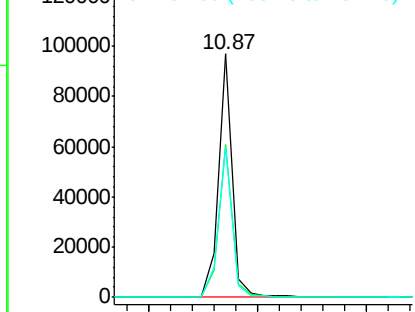
#69
 Pentachlorophenol
 Concen: 64.84 ng
 RT: 10.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 86207
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.2 76.8
 264 61.7 50.6 75.8

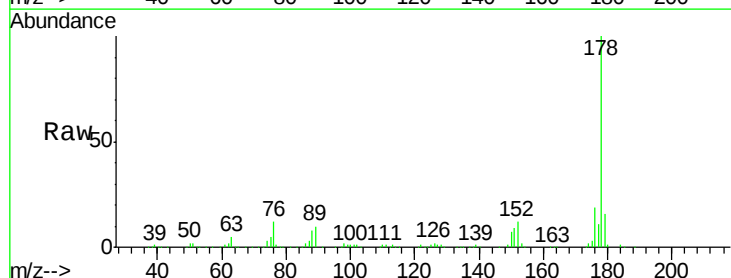


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

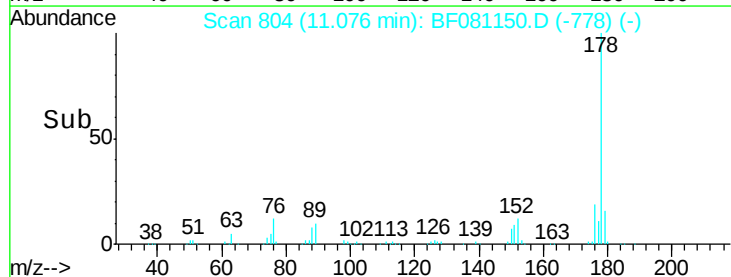
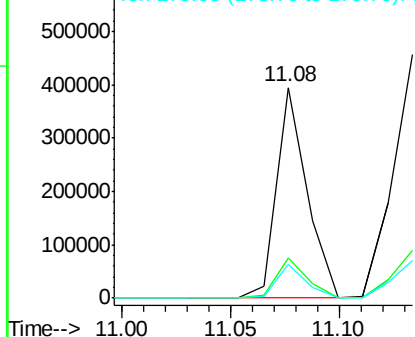


#70
 Phenanthrene
 Concen: 29.37 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion:178 Resp: 387680
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.7 23.5
 179 15.9 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: 34.56 ng

RT: 11.13 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

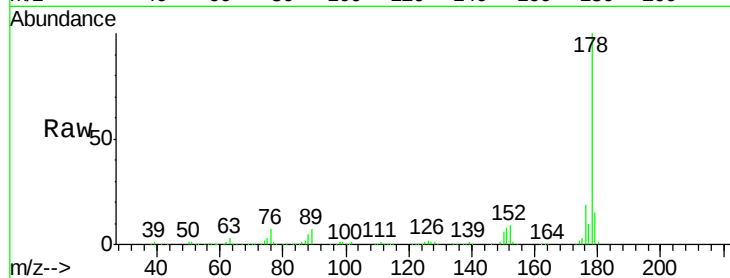
Tot Ion:178 Resp: 443894

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

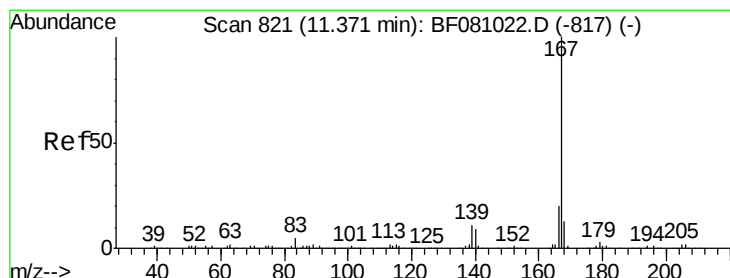
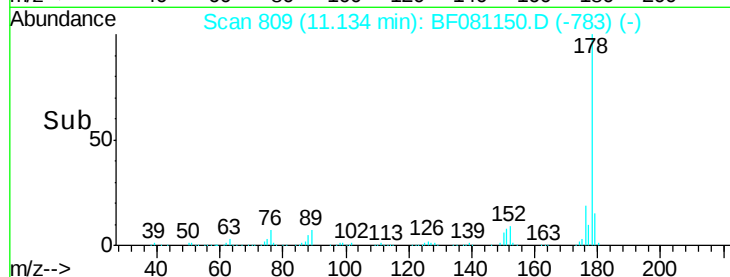
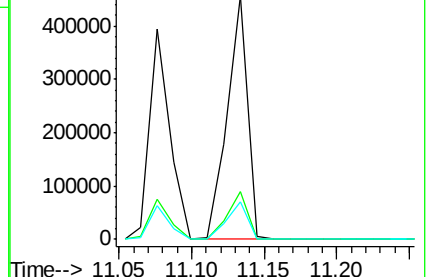
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.42 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

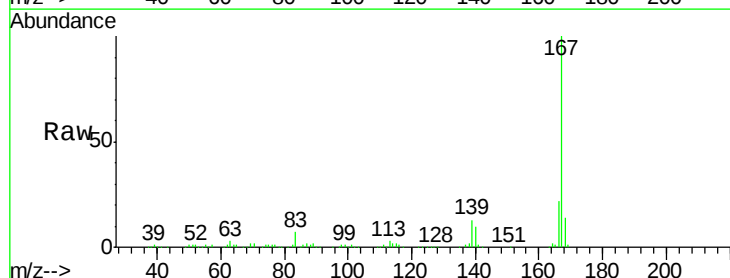
Tgt Ion:167 Resp: 450340

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

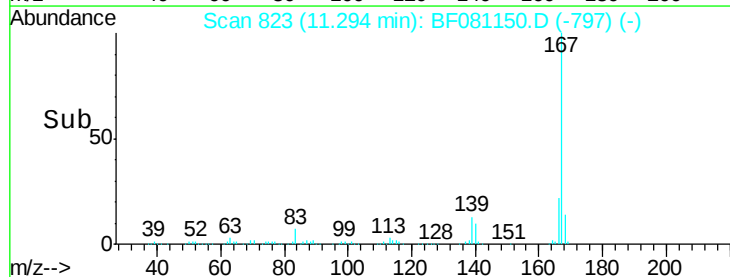
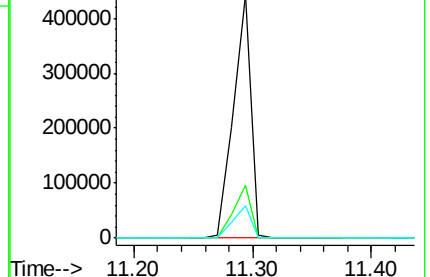
139 13.1 10.6 16.0

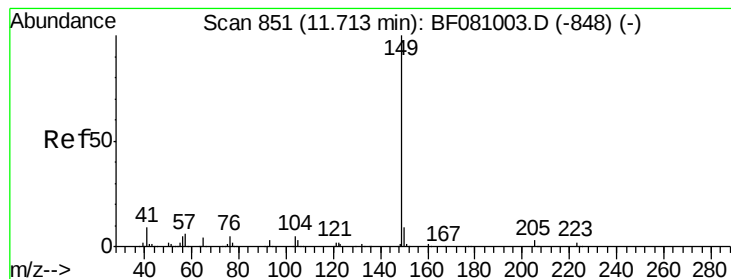


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.34 ng

RT: 11.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

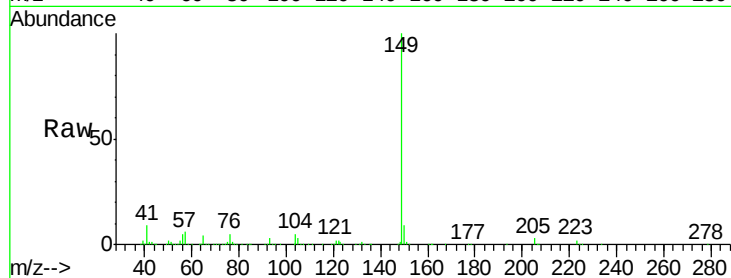
Tot Ion:149 Resp: 528771

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

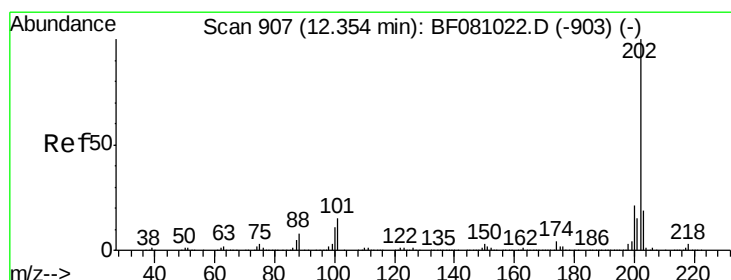
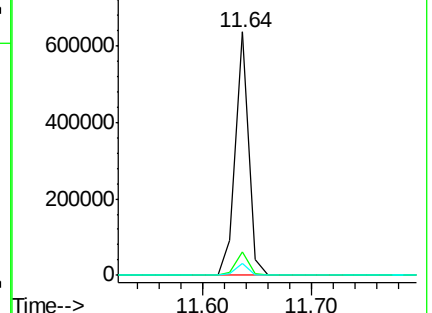
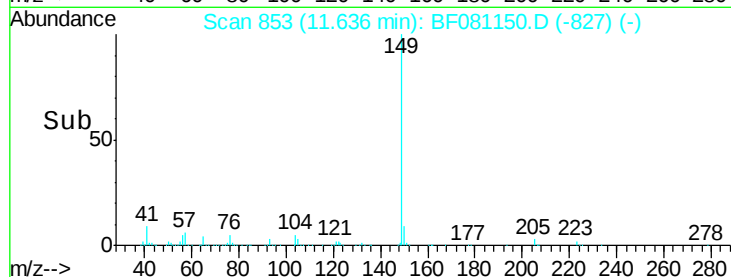
104 5.2 3.9 5.9



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: 31.81 ng

RT: 12.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

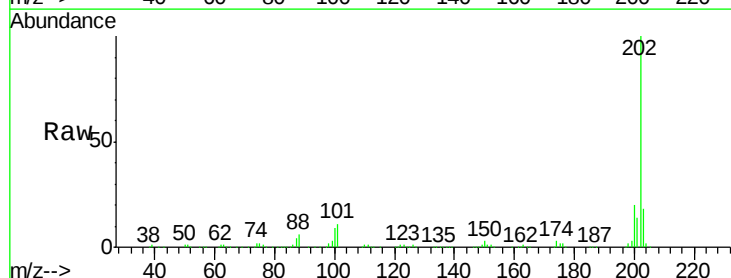
Tgt Ion:202 Resp: 453106

Ion Ratio Lower Upper

202 100

101 11.3 0.0 24.8

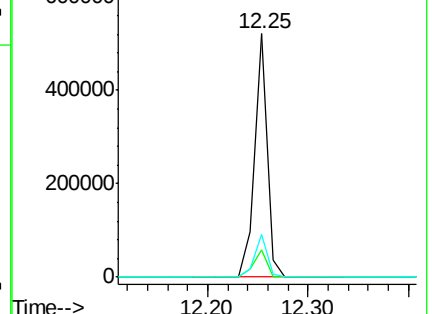
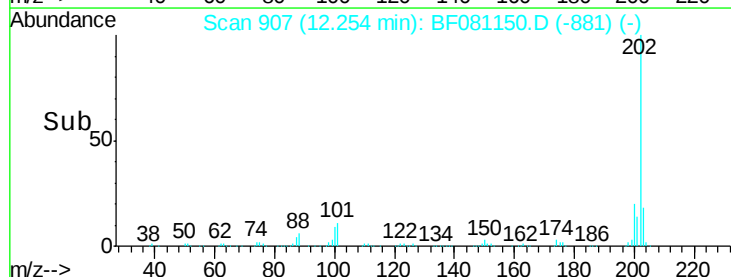
203 17.6 0.0 36.9



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: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampled :

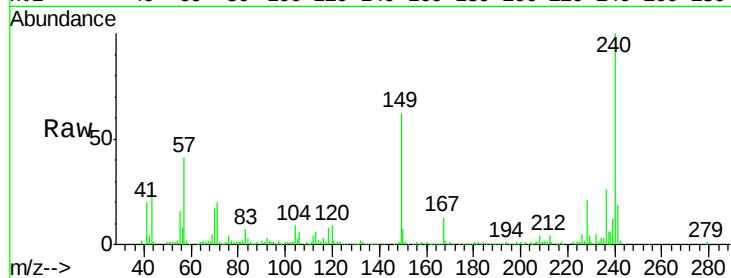
Tot Ion:240 Resp: 162705

Ion Ratio Lower Upper

240 100

120 8.9 5.6 8.4#

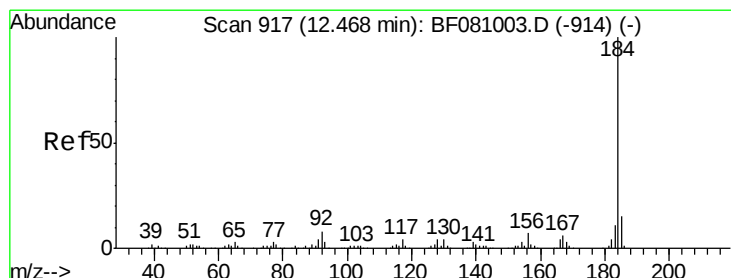
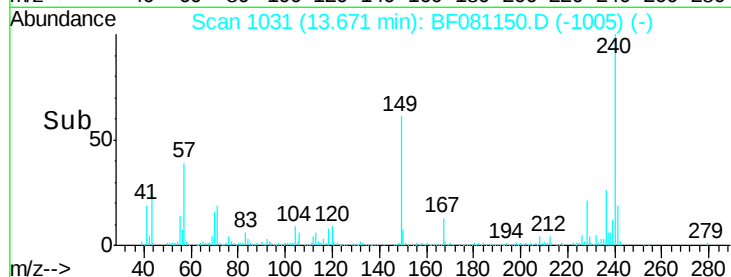
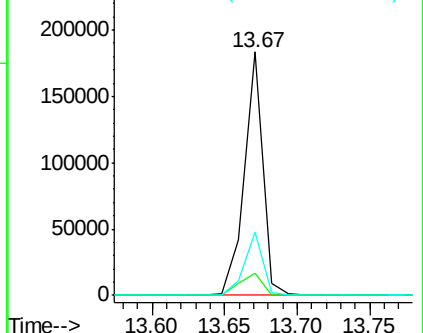
236 25.8 20.6 30.8



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: 25.60 ng

RT: 12.39 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

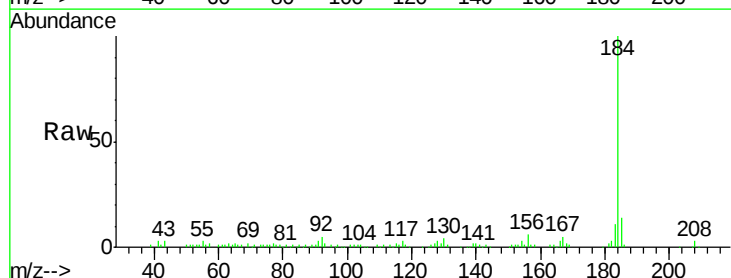
Tgt Ion:184 Resp: 157373

Ion Ratio Lower Upper

184 100

185 13.8 12.0 18.0

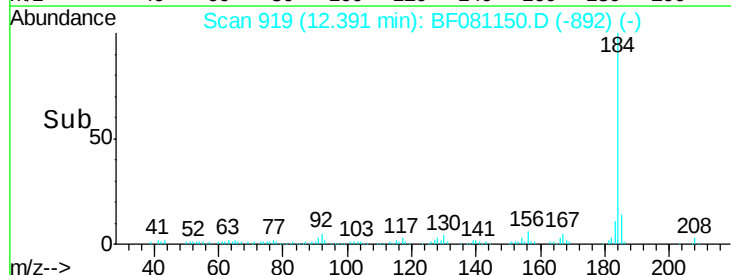
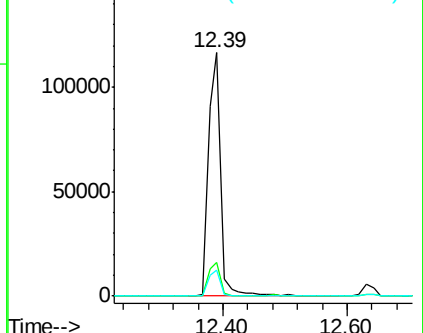
183 10.7 8.9 13.3

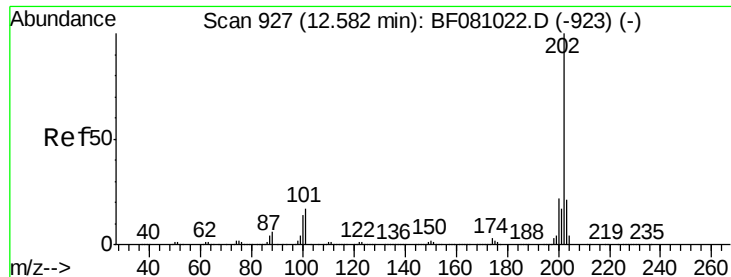


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 36.82 ng

RT: 12.48 min Scan# 927

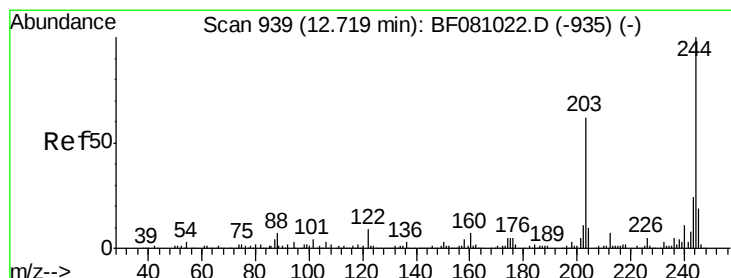
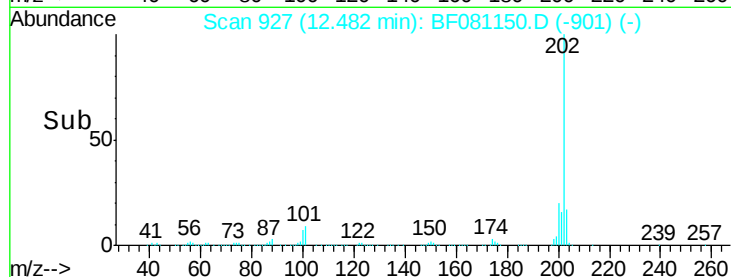
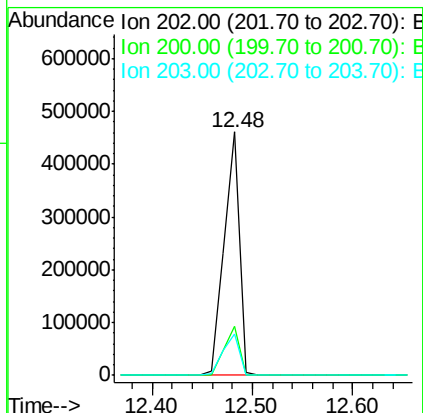
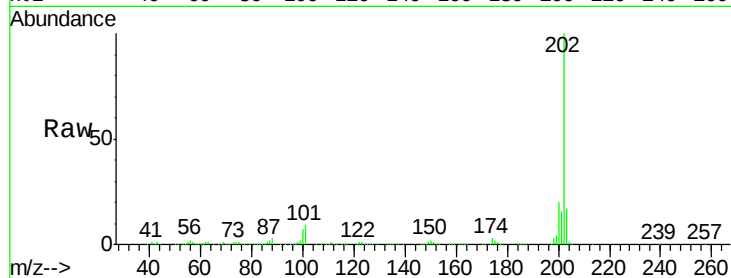
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	486986
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.2	14.1	21.1



#78

Terphenyl-d14

Concen: 63.54 ng

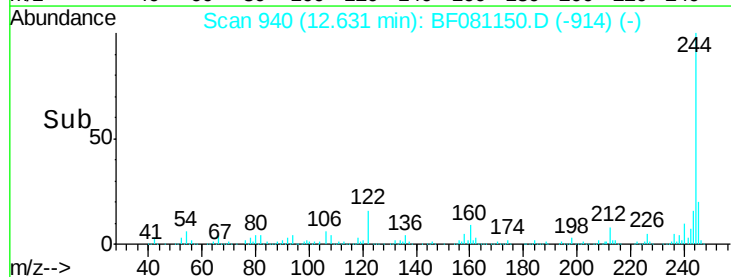
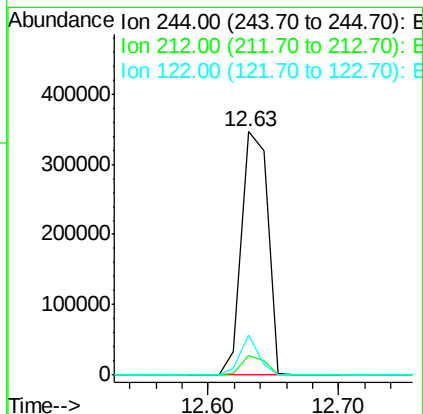
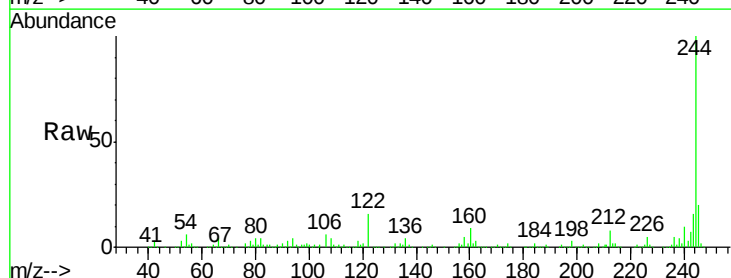
RT: 12.63 min Scan# 940

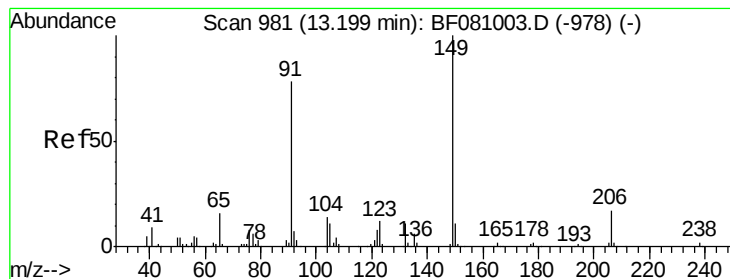
Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Tgt Ion:	244	Resp:	482243
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	16.5	8.2	12.4#





#79

Butylbenzylphthalate

Concen: 37.26 ng

RT: 13.11 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

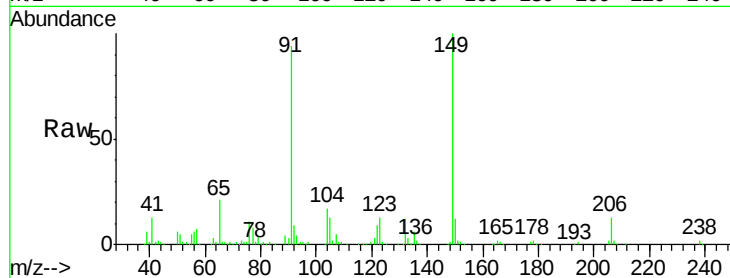
Tot Ion:149 Resp: 211863

Ion Ratio Lower Upper

149 100

91 94.5 46.9 70.3#

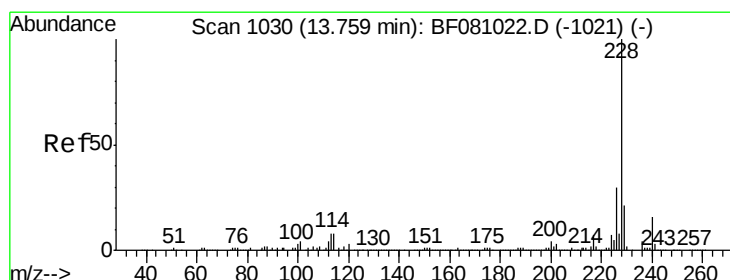
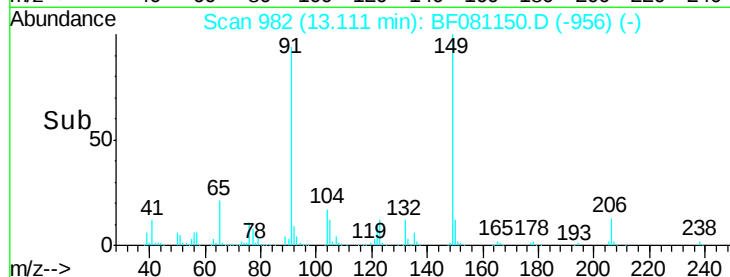
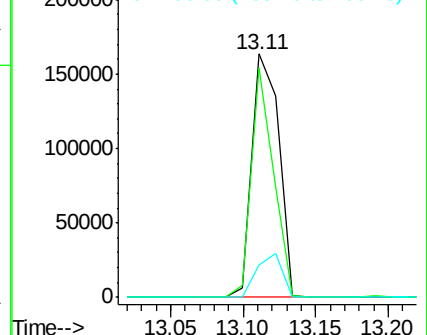
206 13.3 17.0 25.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 30.60 ng

RT: 13.66 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

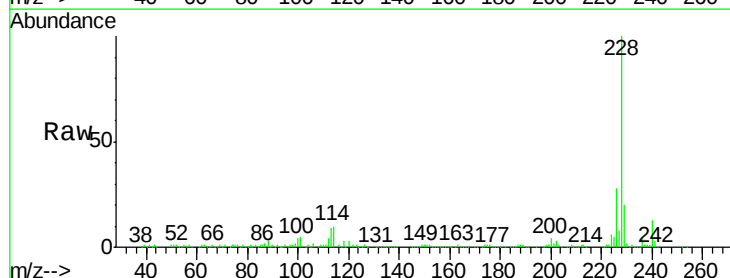
Tgt Ion:228 Resp: 333926

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

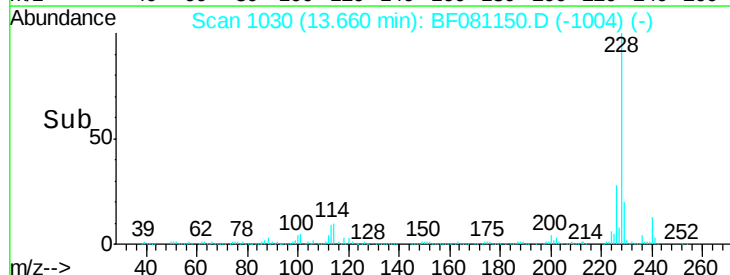
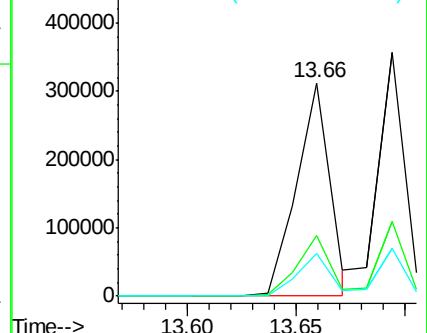
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

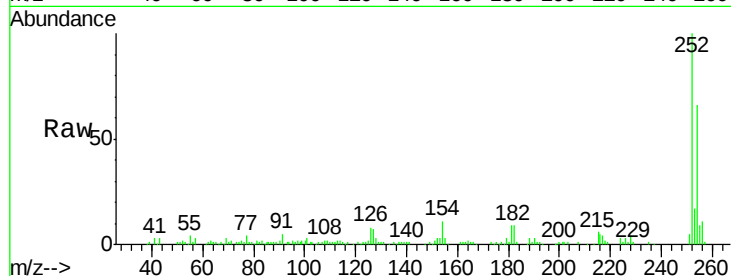




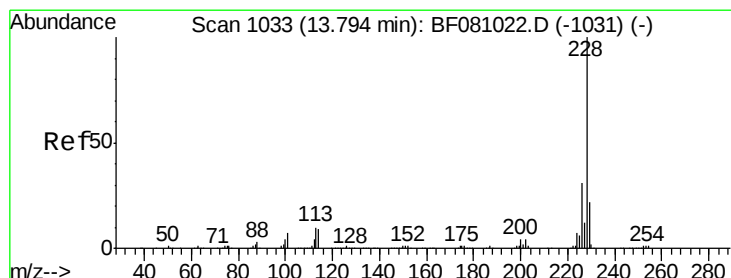
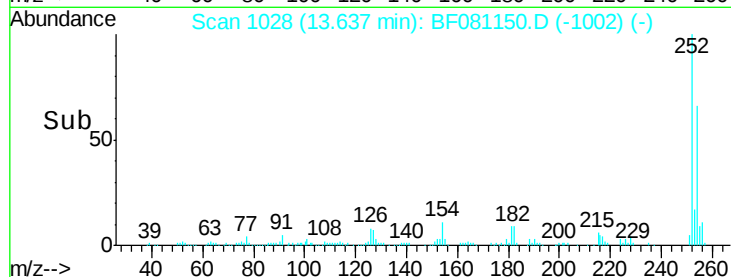
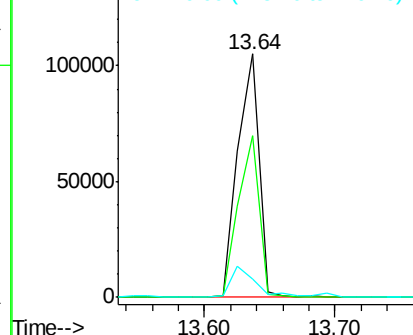
#81
 3,3'-Dichlorobenzidine
 Concen: 33.71 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.5	77.3
126	7.5	12.5	18.7#

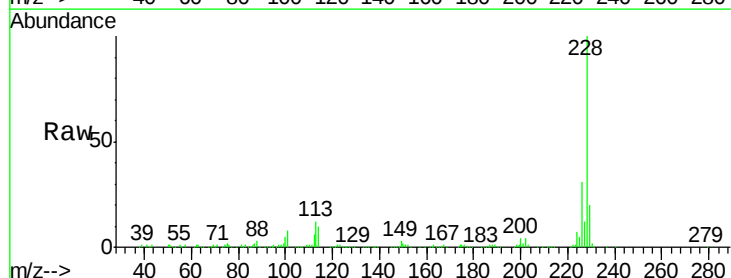


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

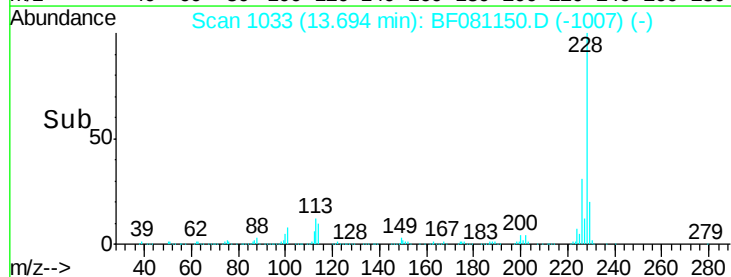
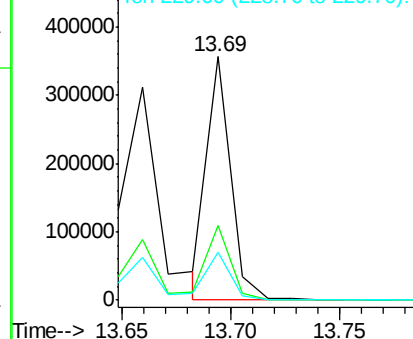


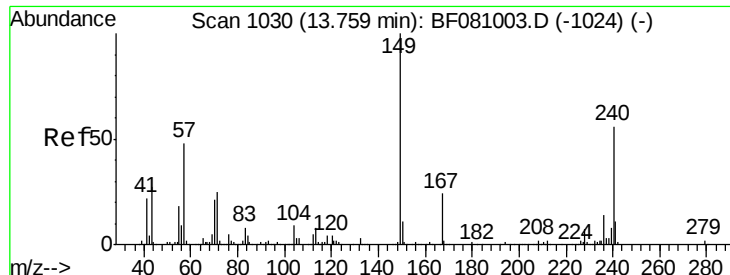
#82
 Chrysene
 Concen: 27.46 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF081150.D
 Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	19.6	16.0	24.0



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.78 ng

RT: 13.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

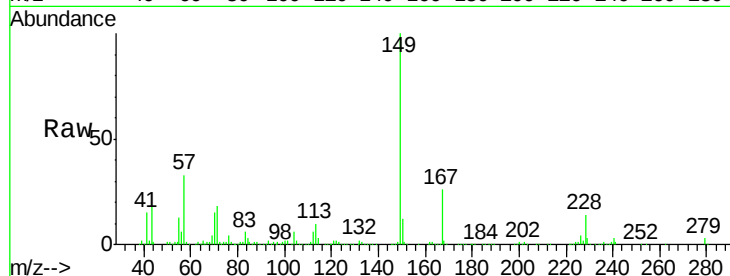
Tot Ion:149 Resp: 296982

Ion Ratio Lower Upper

149 100

167 26.0 20.7 31.1

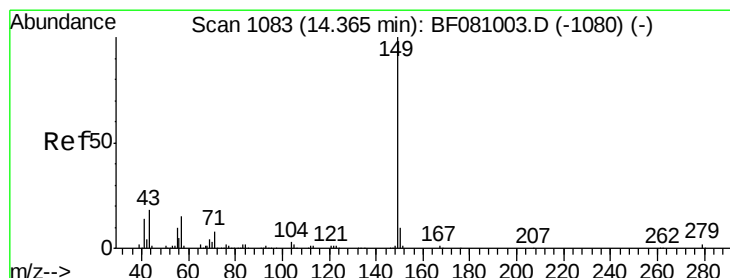
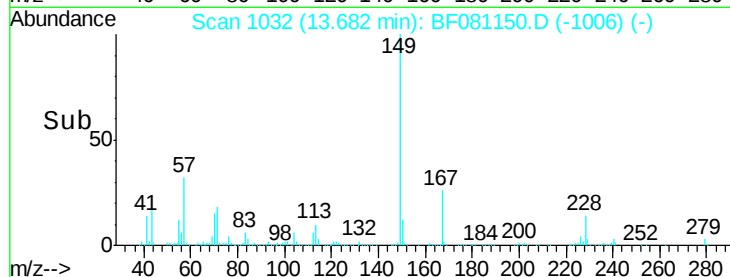
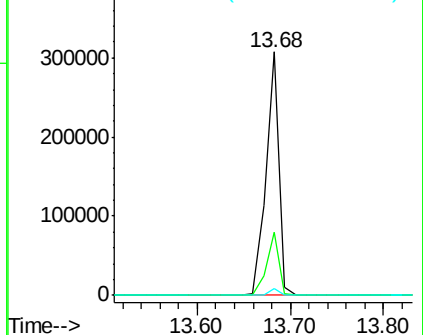
279 2.7 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.85 ng

RT: 14.29 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

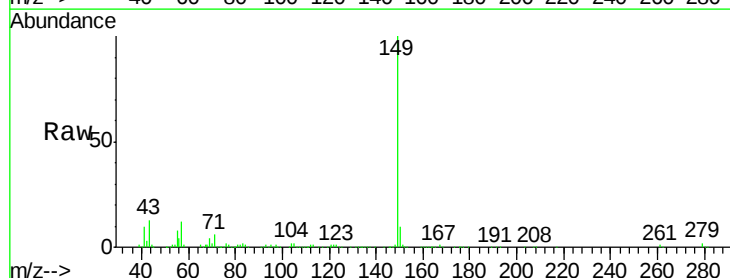
Tgt Ion:149 Resp: 485333

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

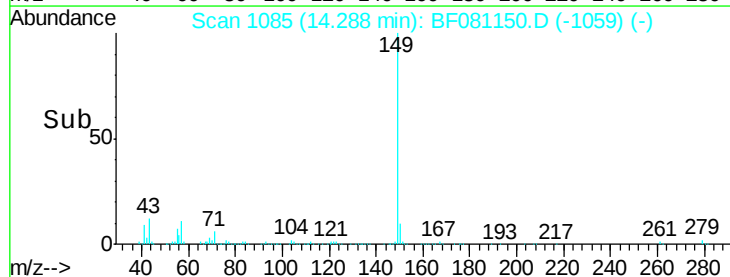
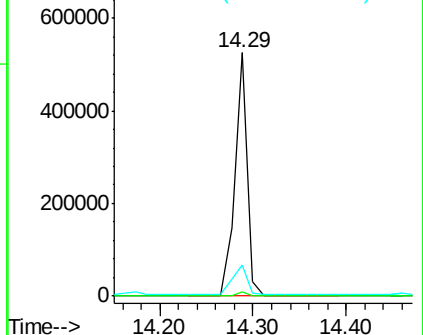
43 14.8 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

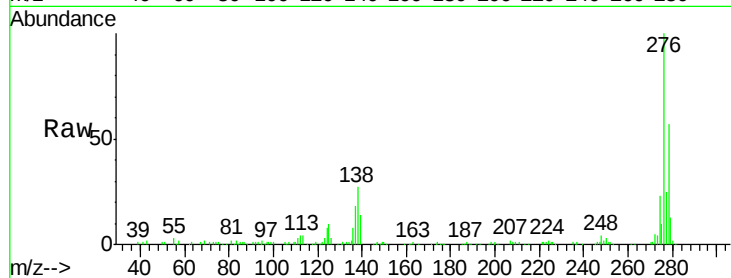




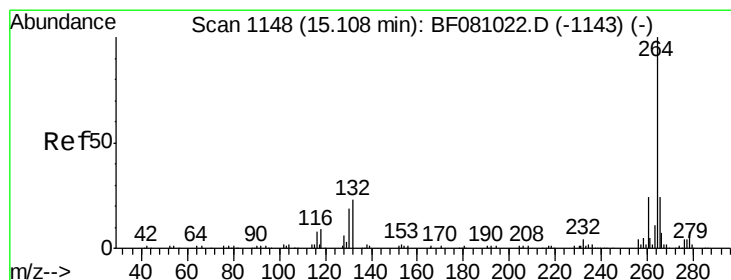
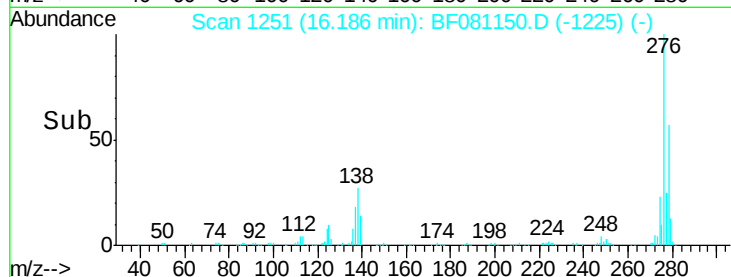
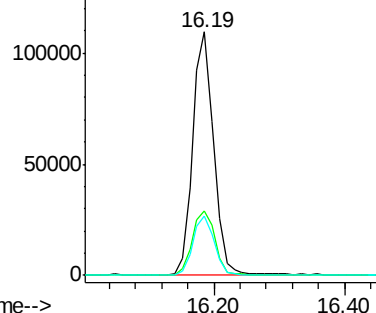
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.72 ng
RT: 16.19 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.9	18.6	28.0#
277	24.7	19.8	29.8

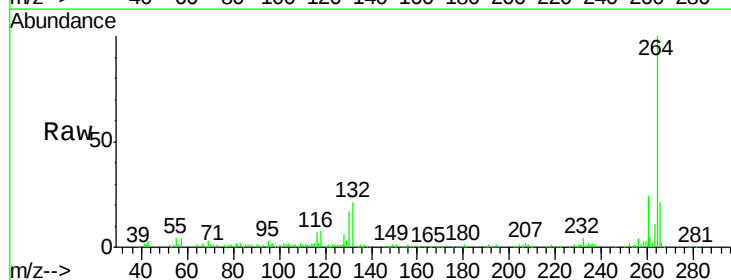


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

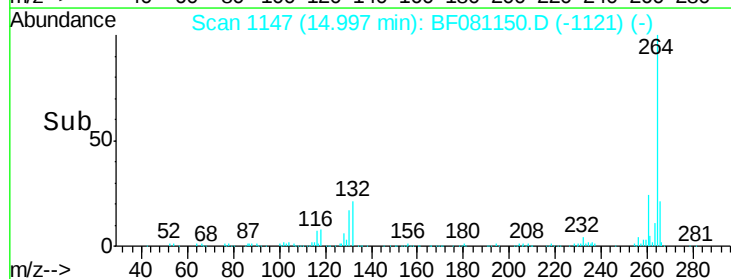
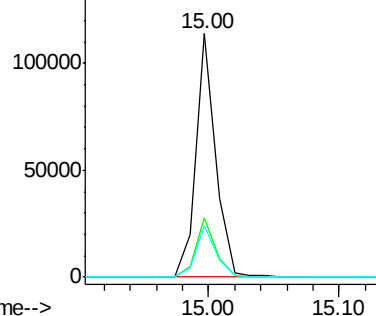


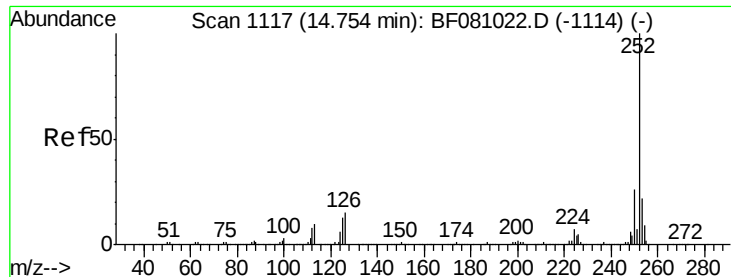
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.3	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: 65.58 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

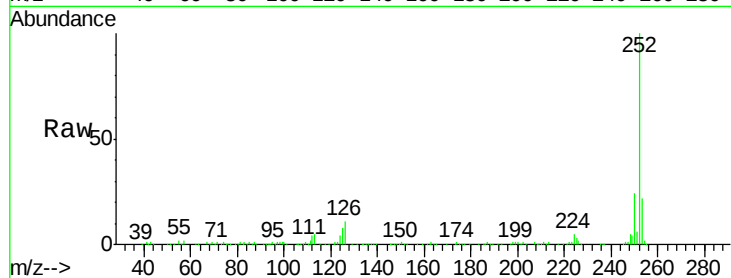
Tot Ion:252 Resp: 556267

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

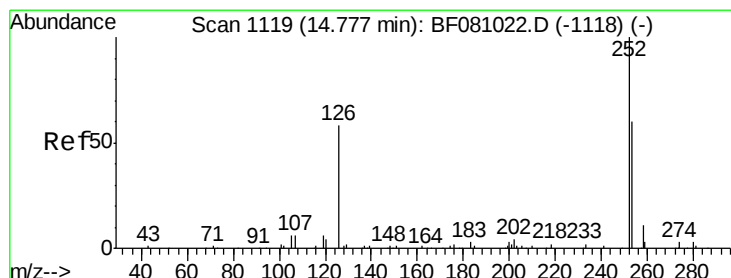
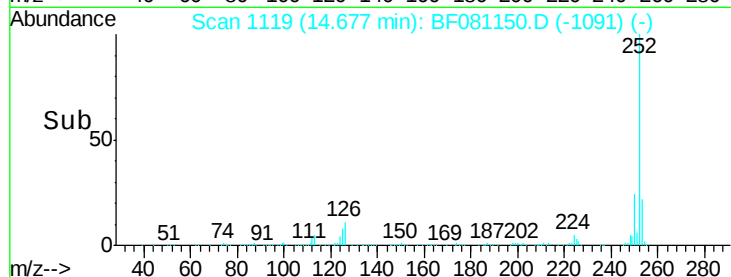
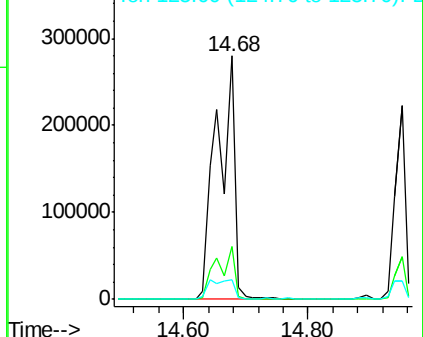
125 8.1 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 70.38 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

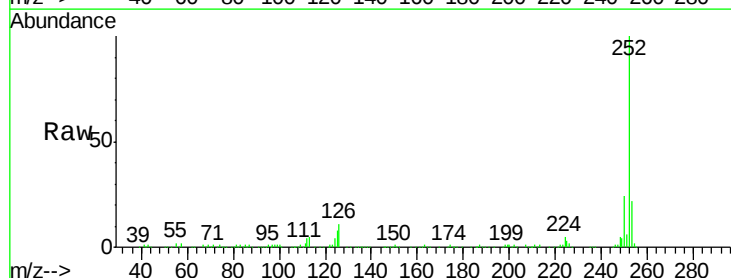
Tgt Ion:252 Resp: 556267

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

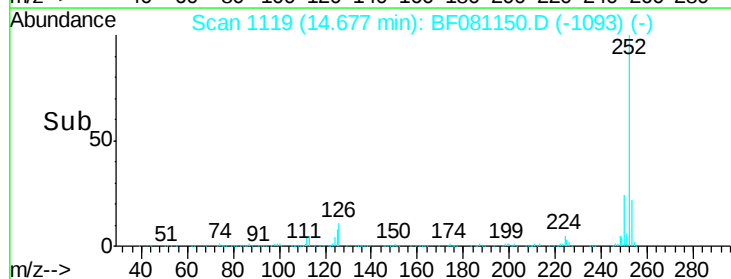
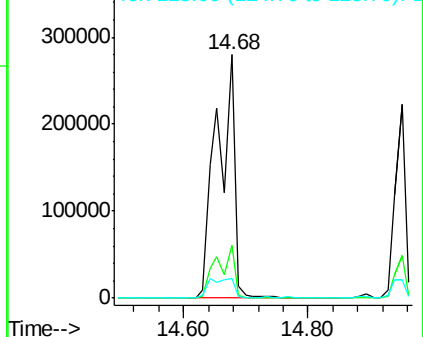
125 8.1 10.3 15.5#

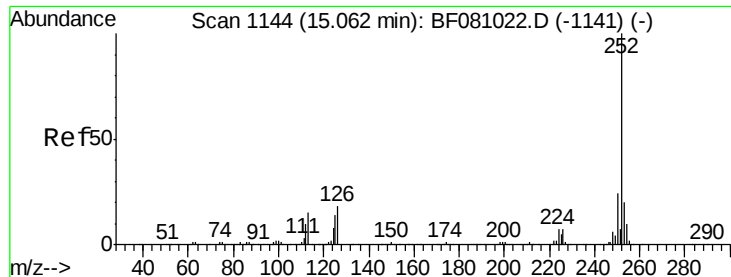


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

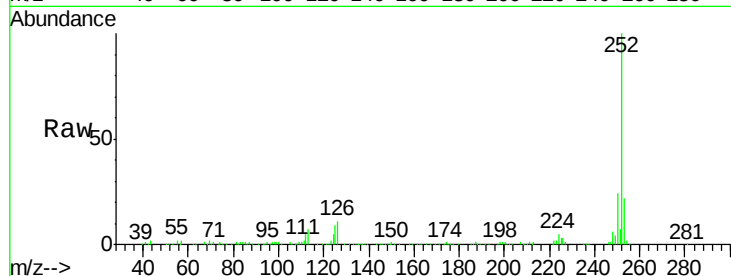




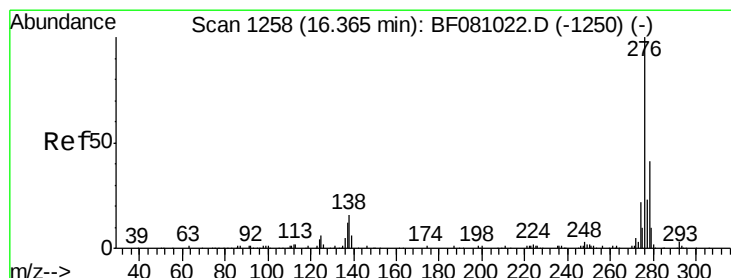
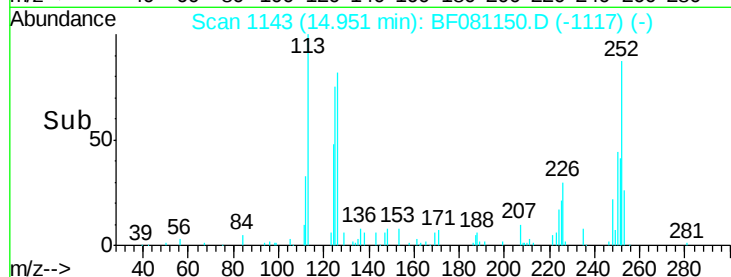
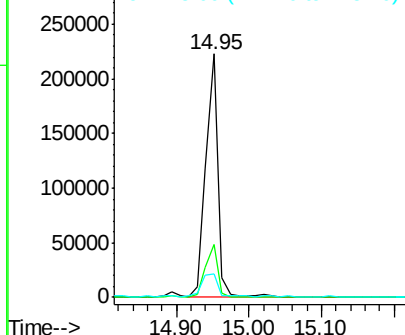
#89
Benzo(a)pyrene
Concen: 35.53 ng
RT: 14.95 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 262634
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 9.5 7.8 11.8

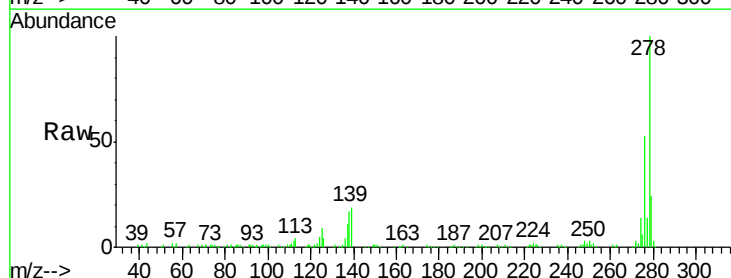


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

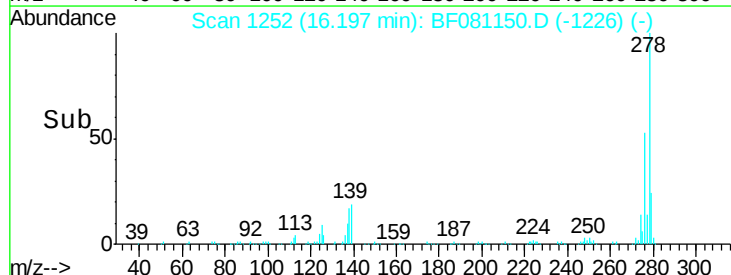
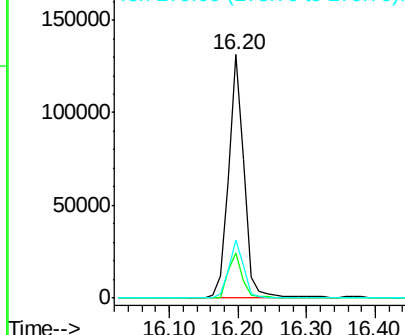


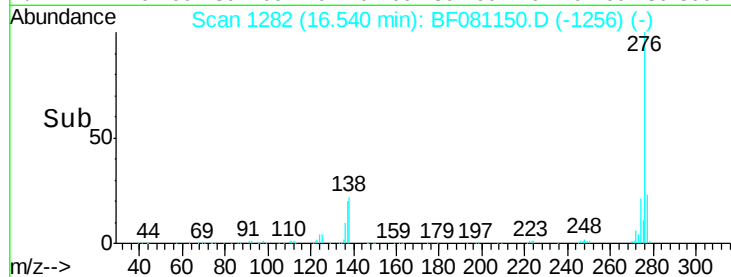
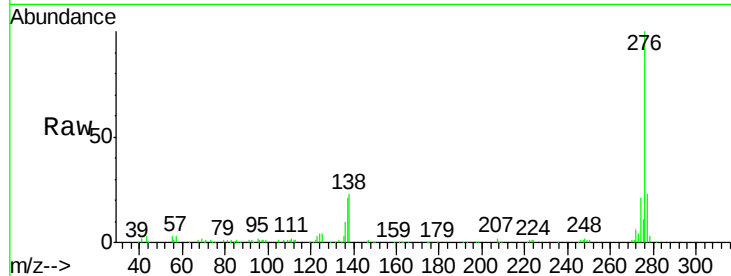
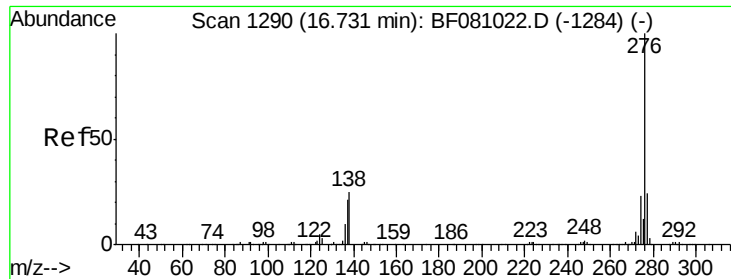
#90
Dibenzo(a,h)anthracene
Concen: 36.68 ng
RT: 16.20 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF081150.D
Acq: 21 Aug 2015 17:39

Tgt Ion:278 Resp: 211231
Ion Ratio Lower Upper
278 100
139 18.8 10.8 16.2#
279 23.7 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: 33.52 ng

RT: 16.54 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF081150.D

Acq: 21 Aug 2015 17:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 195881

Ion Ratio Lower Upper

276 100

277 22.6 18.2 27.2

138 22.7 13.7 20.5#

