

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
 Data File : BF081220.D
 Acq On : 26 Aug 2015 19:14
 Operator : UM/IZ
 Sample : PB85190BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 00:39:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46376	20.00	ng	-0.02
21) Naphthalene-d8	7.81	136	189943	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	81702	20.00	ng	-0.04
63) Phenanthrene-d10	11.02	188	170721	20.00	ng	-0.02
75) Chrysene-d12	13.64	240	128101	20.00	ng	-0.02
86) Perylene-d12	14.95	264	108732	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	351217	113.91	ng	-0.01
7) Phenol-d6	6.17	99	469214	116.63	ng	-0.02
23) Nitrobenzene-d5	7.09	82	308051	74.09	ng	-0.04
41) 2,4,6-Tribromophenol	10.33	330	79229	111.87	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	484701	77.73	ng	-0.02
78) Terphenyl-d14	12.60	244	422053	70.63	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.98	88	46107	31.73	ng	94
3) Pyridine	2.57	79	140498	34.26	ng	# 81
4) n-Nitrosodimethylamine	2.53	42	80766	35.37	ng	# 78
6) Aniline	6.18	93	143609	24.55	ng	# 1
8) 2-Chlorophenol	6.30	128	128894	38.19	ng	98
9) Benzaldehyde	6.06	77	26788	10.33	ng	87
10) Phenol	6.18	94	154860	32.59	ng	100
11) bis(2-Chloroethyl)ether	6.26	93	128089	35.13	ng	92
12) 1,3-Dichlorobenzene	6.46	146	134312	37.04	ng	96
13) 1,4-Dichlorobenzene	6.54	146	137337	38.25	ng	98
14) 1,2-Dichlorobenzene	6.69	146	128969	38.38	ng	97
15) Benzyl Alcohol	6.67	79	117871	36.21	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	259570	36.23	ng	97
17) 2-Methylphenol	6.80	107	115513	39.89	ng	96
18) Hexachloroethane	7.03	117	53585	36.93	ng	96
19) n-Nitroso-di-n-propylamine	6.95	70	102842	36.90	ng	90
20) 3+4-Methylphenols	6.96	107	146999	39.99	ng	# 43
22) Acetophenone	6.94	105	188928	37.89	ng	# 87
24) Nitrobenzene	7.11	77	164570	37.85	ng	99
25) Isophorone	7.35	82	269285	34.73	ng	98
26) 2-Nitrophenol	7.43	139	72138	39.90	ng	# 67
27) 2,4-Dimethylphenol	7.49	122	122193	38.20	ng	88
28) bis(2-Chloroethoxy)methane	7.58	93	178949	39.06	ng	99
29) 2,4-Dichlorophenol	7.67	162	102148	37.93	ng	89
30) 1,2,4-Trichlorobenzene	7.75	180	107665	35.97	ng	98
31) Naphthalene	7.83	128	390309	36.86	ng	99
32) Benzoic acid	7.61	122	75471	41.95	ng	93
33) 4-Chloroaniline	7.89	127	67930	15.21	ng	# 86
34) Hexachlorobutadiene	7.95	225	61901	36.57	ng	96
35) Caprolactam	8.26	113	28221	29.98	ng	# 47
36) 4-Chloro-3-methylphenol	8.38	107	122410	38.14	ng	97
37) 2-Methylnaphthalene	8.51	142	245871	36.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.69	216	106038	40.23	ng	98
40) Hexachlorocyclopentadiene	8.67	237	107547	78.82	ng	98

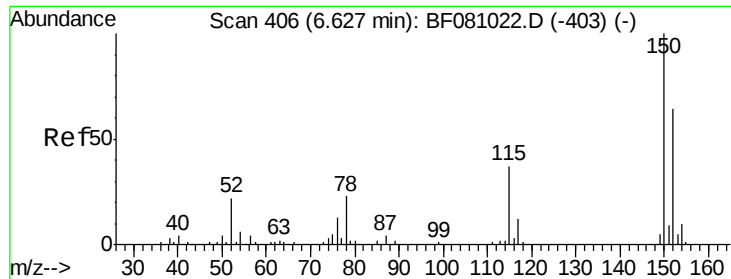
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082615\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	74218	39.85	nq	99
43) 2,4,5-Trichlorophenol	8.85	196	73829	39.67	nq	99
45) 1,1'-Biphenyl	8.98	154	312127	43.37	nq	98
46) 2-Chloronaphthalene	8.99	162	212710	36.79	nq	# 90
47) 2-Nitroaniline	9.10	65	90532	38.26	nq	95
48) Acenaphthylene	9.41	152	340896	32.96	nq	98
49) Dimethylphthalate	9.29	163	239570	35.60	nq	100
50) 2,6-Dinitrotoluene	9.35	165	53855	37.28	nq	# 74
51) Acenaphthene	9.58	154	202652	32.73	nq	98
52) 3-Nitroaniline	9.51	138	38653	21.38	nq	99
53) 2,4-Dinitrophenol	9.62	184	56085	71.35	nq	# 68
54) Dibenzofuran	9.75	168	295460	35.61	nq	92
55) 4-Nitrophenol	9.69	139	83315	65.62	nq	85
56) 2,4-Dinitrotoluene	9.75	165	69409	36.25	nq	# 64
57) Fluorene	10.09	166	248747	38.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	54150	37.59	nq	99
59) Diethylphthalate	9.99	149	274586	38.55	nq	98
60) 4-Chlorophenyl-phenylether	10.09	204	111329	41.22	nq	96
61) 4-Nitroaniline	10.13	138	75433	40.82	nq	89
62) Azobenzene	10.25	77	339660	41.39	nq	93
64) 4,6-Dinitro-2-methylphenol	10.15	198	34517	33.86	nq	91
65) n-Nitrosodiphenylamine	10.22	169	226327	37.14	nq	98
66) 4-Bromophenyl-phenylether	10.57	248	58673	34.98	nq	# 66
67) Hexachlorobenzene	10.63	284	62444	36.76	nq	# 77
68) Atrazine	10.74	200	60309	35.52	nq	97
69) Pentachlorophenol	10.84	266	74538	73.14	nq	94
70) Phenanthrene	11.04	178	367129	36.29	nq	99
71) Anthracene	11.09	178	343460	34.89	nq	99
72) Carbazole	11.25	167	343183	36.20	nq	98
73) Di-n-butylphthalate	11.60	149	450496	39.28	nq	99
74) Fluoranthene	12.22	202	426473	39.06	nq	98
76) Benzidine	12.34	184	172315	35.61	nq	99
77) Pyrene	12.44	202	387608	37.22	nq	99
79) Butylbenzylphthalate	13.08	149	178142	39.80	nq	# 66
80) Benzo(a)anthracene	13.62	228	354897	41.31	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	63857	22.95	nq	100
82) Chrysene	13.66	228	339089	43.80	nq	99
83) Bis(2-ethylhexyl)phthalate	13.65	149	250784	43.74	nq	100
84) Di-n-octyl phthalate	14.25	149	421376	48.35	nq	97
85) Indeno(1,2,3-cd)pyrene	16.12	276	245362	45.14	nq	# 94
87) Benzo(b)fluoranthene	14.61	252	565159	73.48	nq	# 97
88) Benzo(k)fluoranthene	14.61	252	565159	78.86	nq	99
89) Benzo(a)pyrene	14.90	252	264200	39.42	nq	# 96
90) Dibenzo(a,h)anthracene	16.13	278	204583	39.18	nq	# 93
91) Benzo(g,h,i)perylene	16.47	276	201365	38.01	nq	# 95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

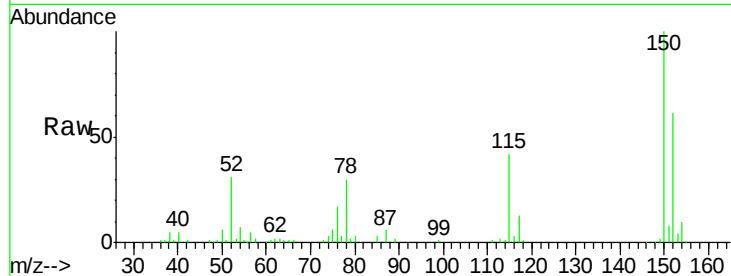
Tot Ion:152 Resp: 46376

Ion Ratio Lower Upper

152 100

150 163.1 123.8 185.6

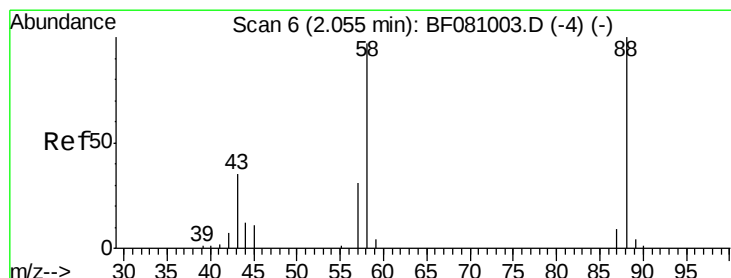
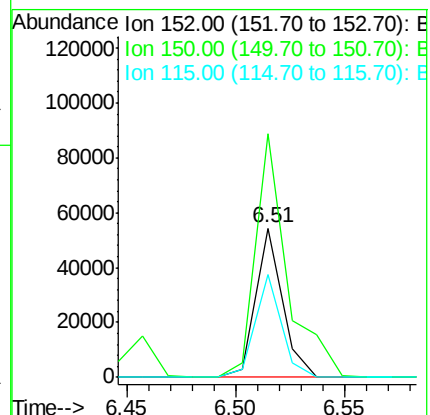
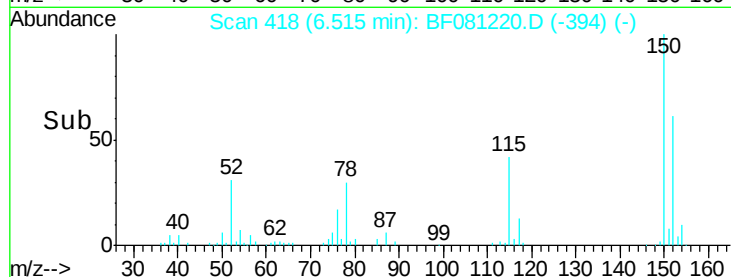
115 69.1 52.1 78.1



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: 31.73 ng

RT: 1.98 min Scan# 21

Delta R.T. 0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

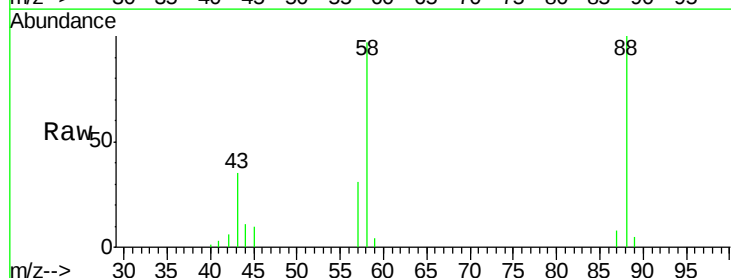
Tgt Ion: 88 Resp: 46107

Ion Ratio Lower Upper

88 100

58 98.4 83.7 125.5

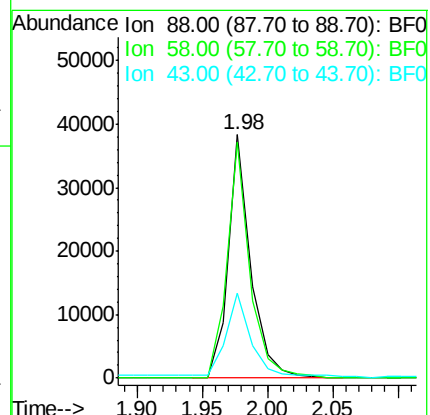
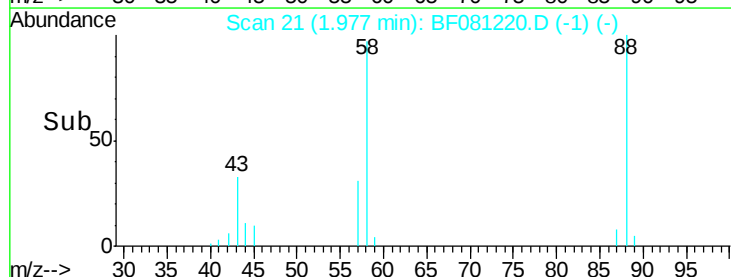
43 42.9 37.5 56.3

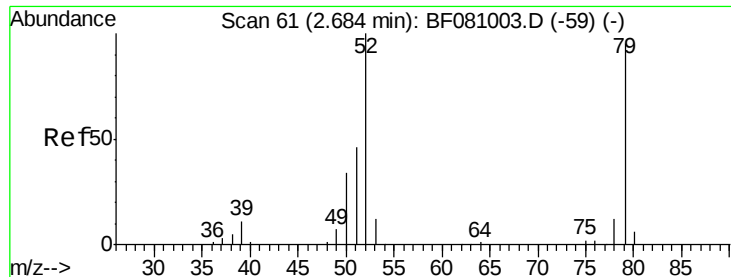


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.26 ng

RT: 2.57 min Scan# 73

Delta R.T. 0.03 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

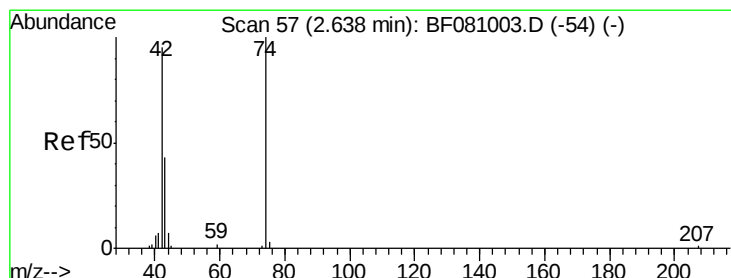
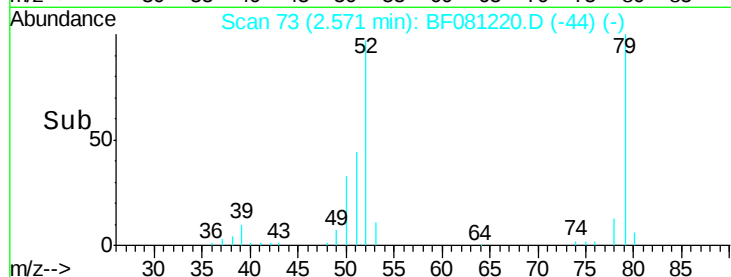
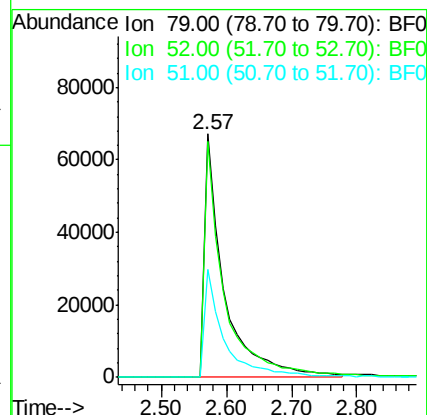
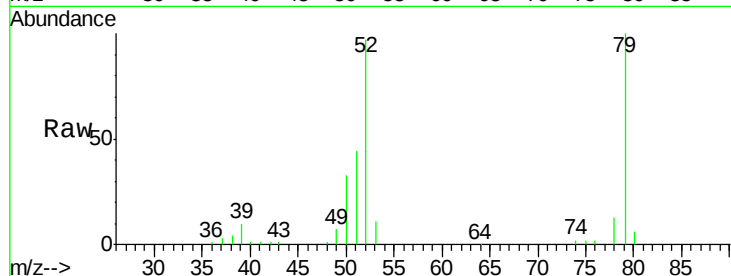
Tot Ion: 79 Resp: 140498

Ion Ratio Lower Upper

79 100

52 97.0 95.1 142.7

51 44.2 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 35.37 ng

RT: 2.53 min Scan# 69

Delta R.T. 0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

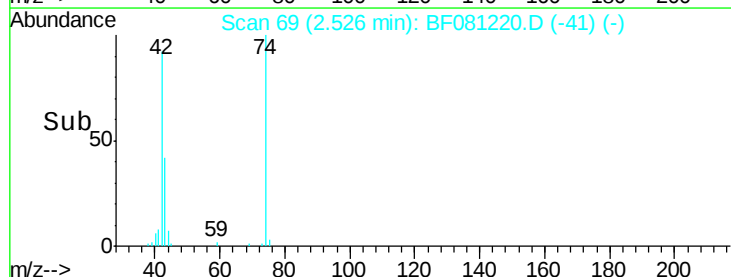
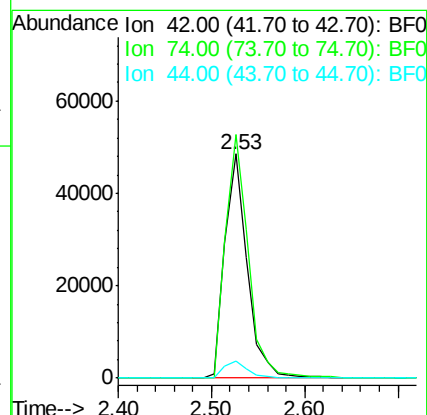
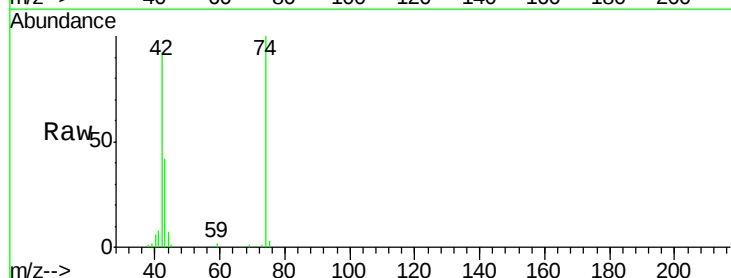
Tgt Ion: 42 Resp: 80766

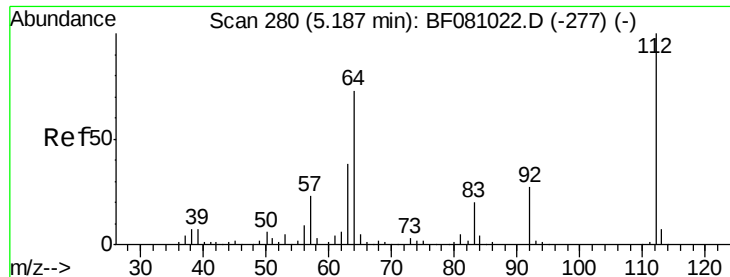
Ion Ratio Lower Upper

42 100

74 108.8 69.3 103.9#

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 113.91 ng

RT: 5.09 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF081220.D

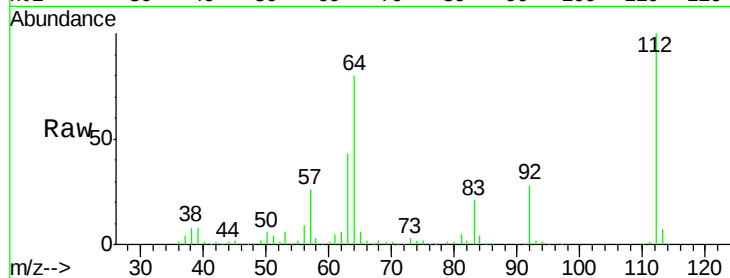
Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

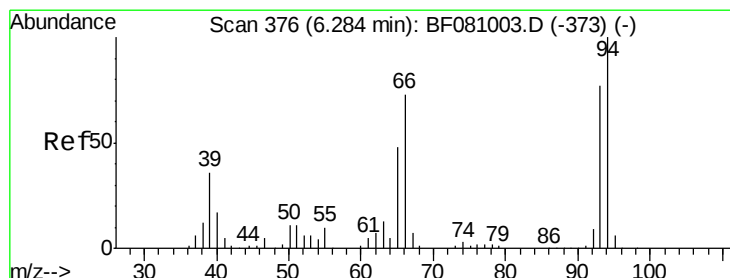
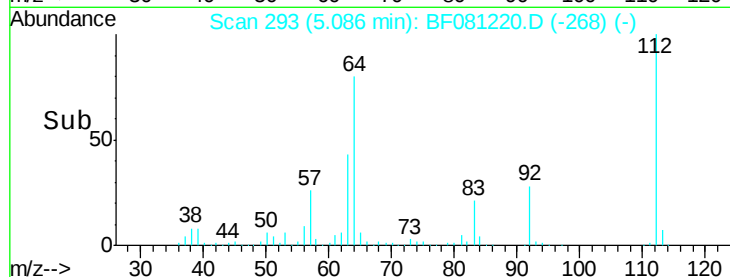
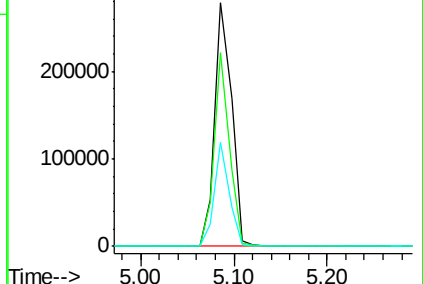
Tot Ion:	112	Resp:	351217
Ion	Ratio	Lower	Upper
112	100		
64	79.7	66.9	100.3
63	42.5	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.55 ng

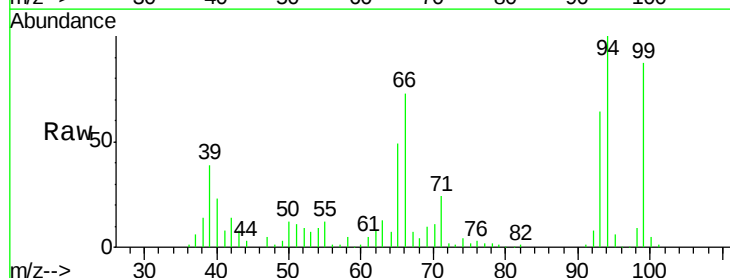
RT: 6.18 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

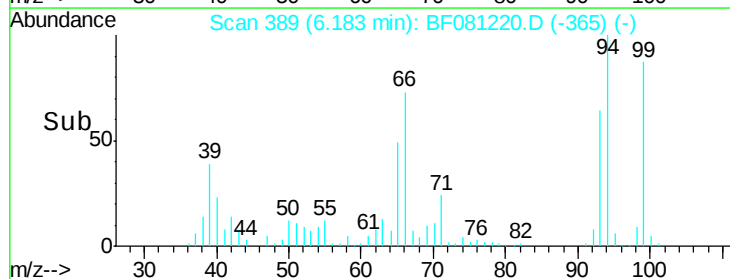
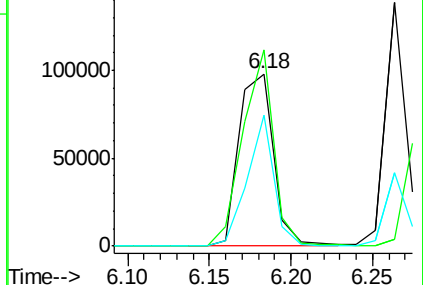
Tgt Ion:	93	Resp:	143609
Ion	Ratio	Lower	Upper
93	100		
66	114.0	35.6	53.4#
65	76.4	18.7	28.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.63 ng

RT: 6.17 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

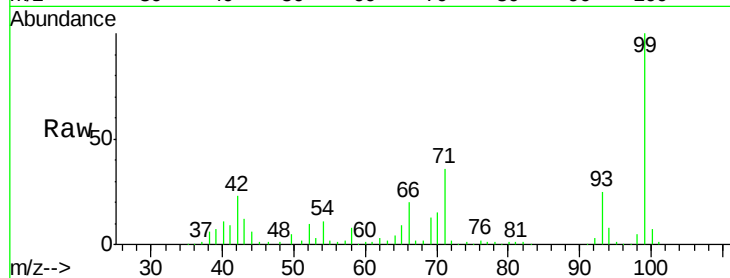
Tot Ion: 99 Resp: 469214

Ion Ratio Lower Upper

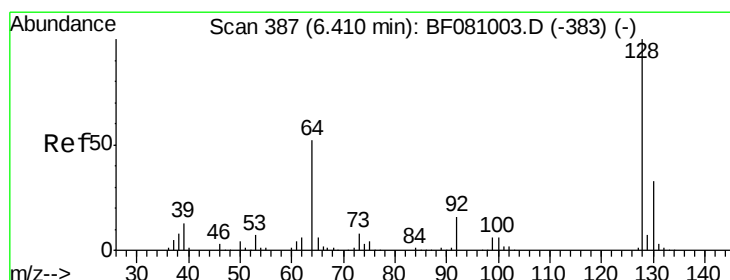
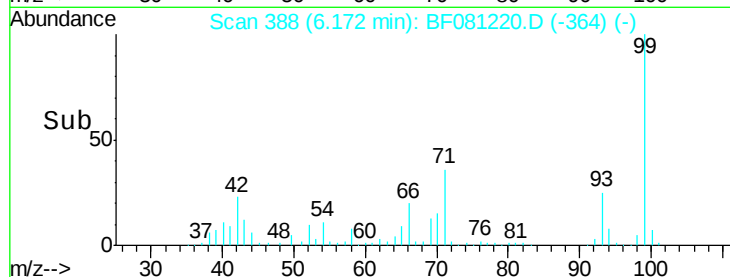
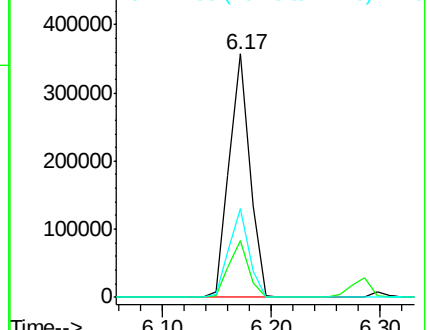
99 100

42 23.1 19.6 29.4

71 36.4 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



#8

2-Chlorophenol

Concen: 38.19 ng

RT: 6.30 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

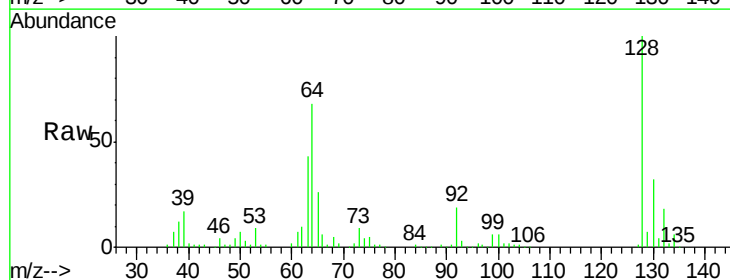
Tgt Ion:128 Resp: 128894

Ion Ratio Lower Upper

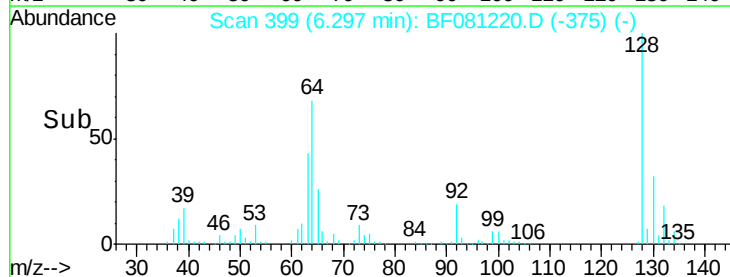
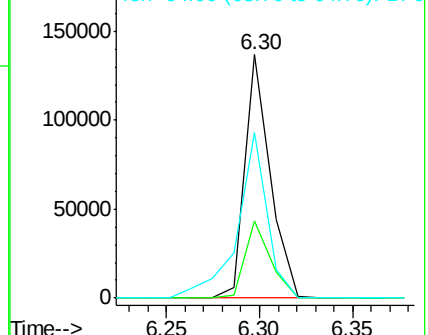
128 100

130 31.6 12.5 52.5

64 68.1 46.8 86.8



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

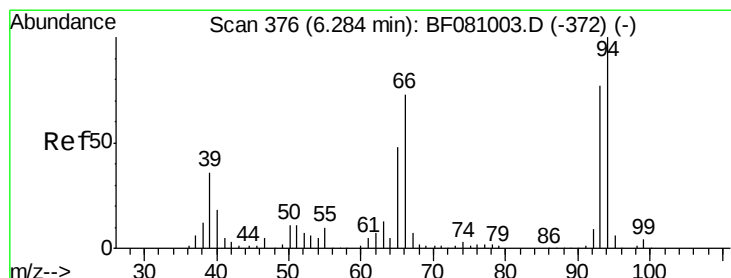
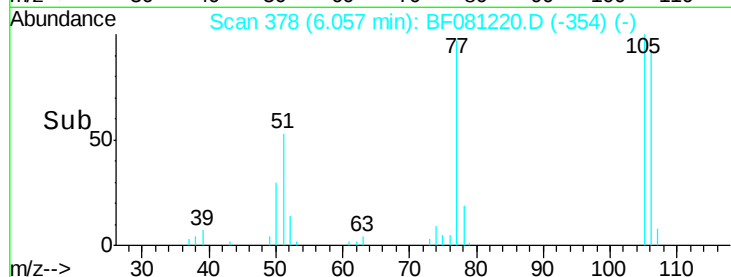
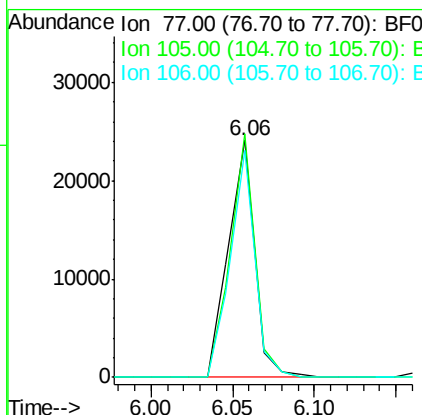
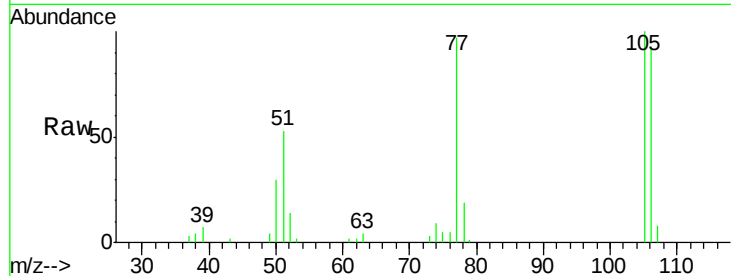




#9
Benzaldehyde
Concen: 10.33 ng
RT: 6.06 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

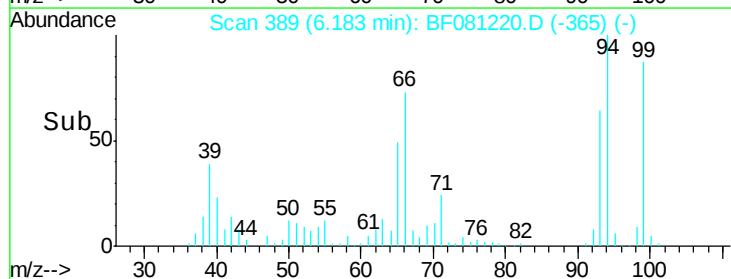
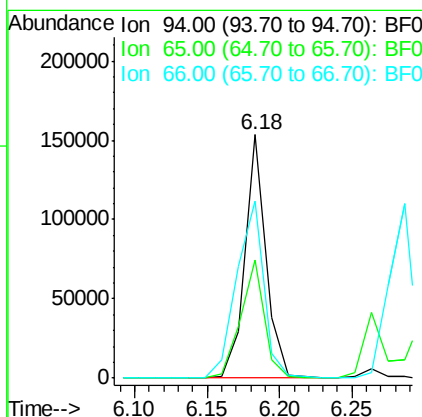
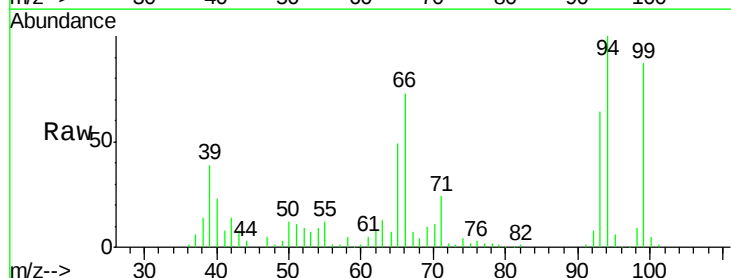
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 26788
Ion Ratio Lower Upper
77 100
105 102.7 69.6 109.6
106 95.7 64.0 104.0



#10
Phenol
Concen: 32.59 ng
RT: 6.18 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion: 94 Resp: 154860
Ion Ratio Lower Upper
94 100
65 48.7 28.4 68.4
66 72.7 52.3 92.3

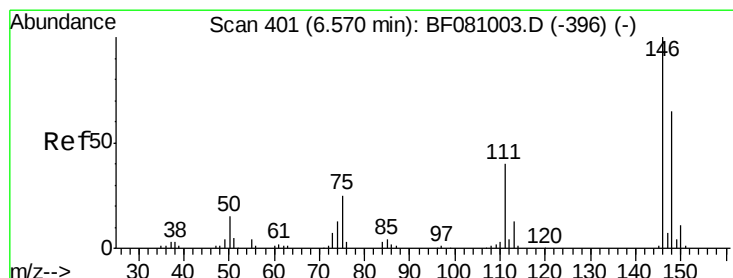
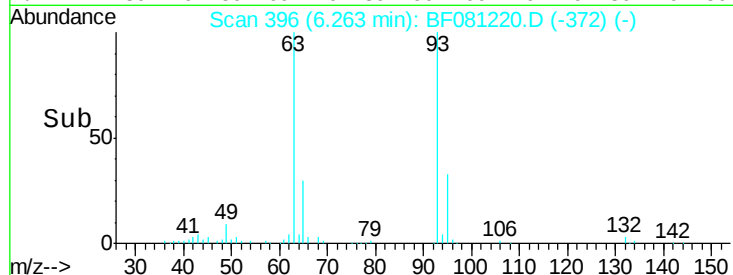
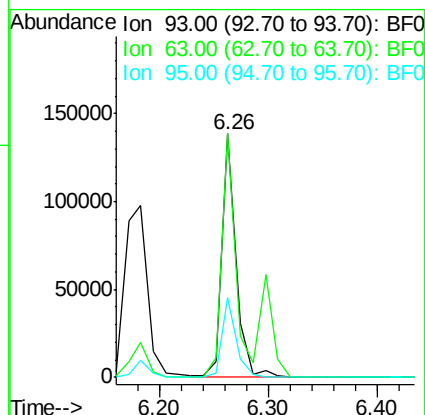
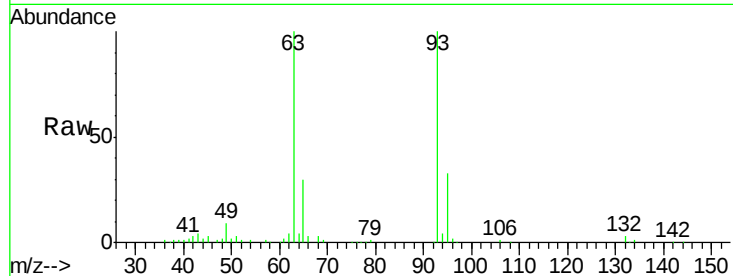




#11
bis(2-Chloroethyl)ether
Concen: 35.13 ng
RT: 6.26 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

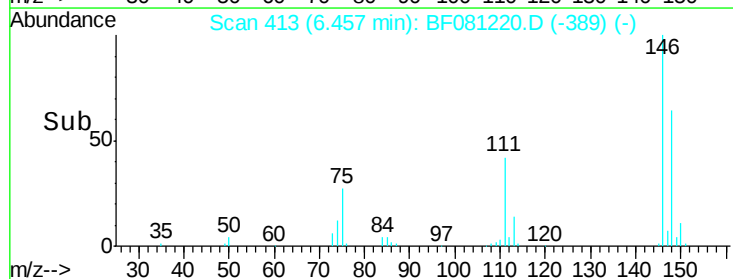
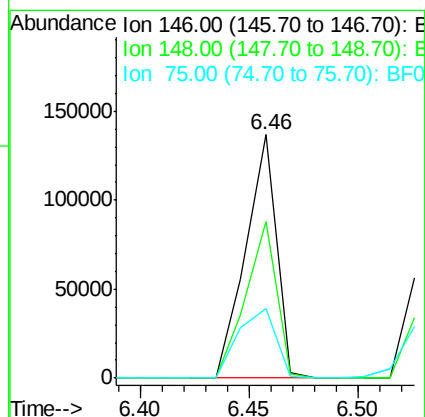
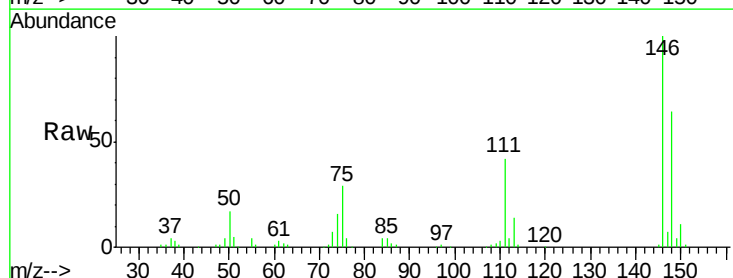
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 128089
Ion Ratio Lower Upper
93 100
63 99.8 69.6 109.6
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.04 ng
RT: 6.46 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion: 146 Resp: 134312
Ion Ratio Lower Upper
146 100
148 64.2 53.3 79.9
75 28.6 25.0 37.6

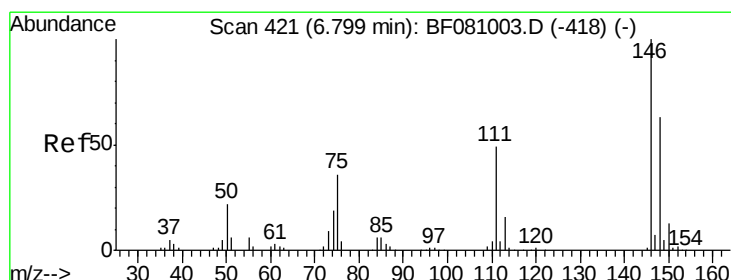
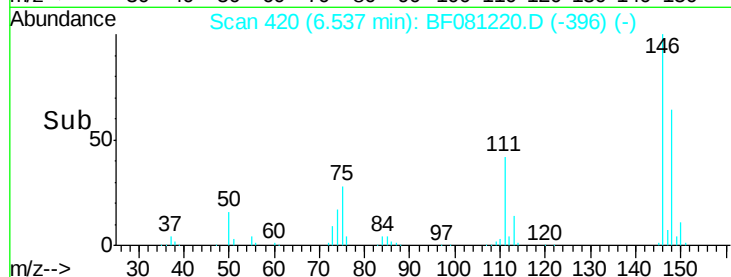
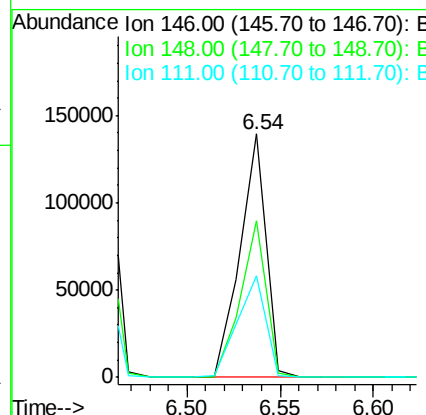
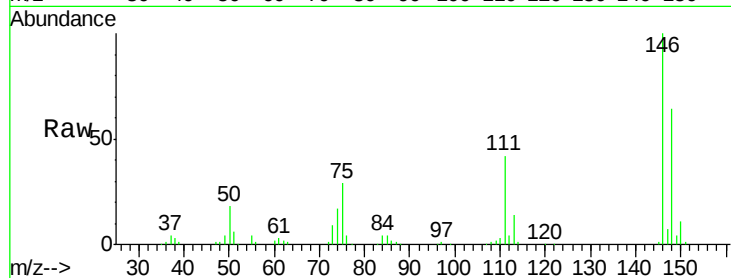




#13
 1,4-Dichlorobenzene
 Concen: 38.25 ng
 RT: 6.54 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

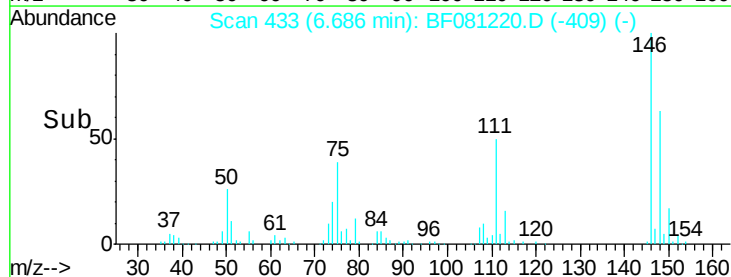
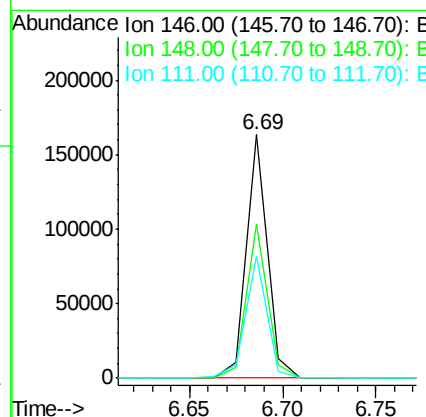
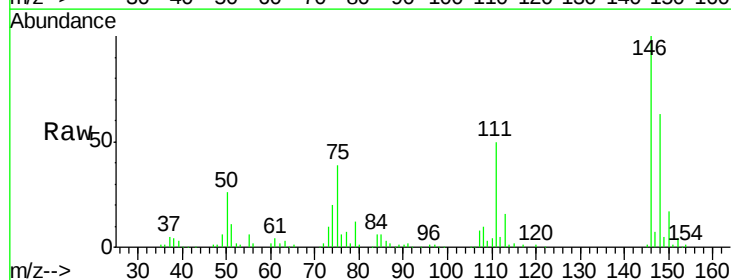
Instrument :
 BNA_F
 ClientSampleId :

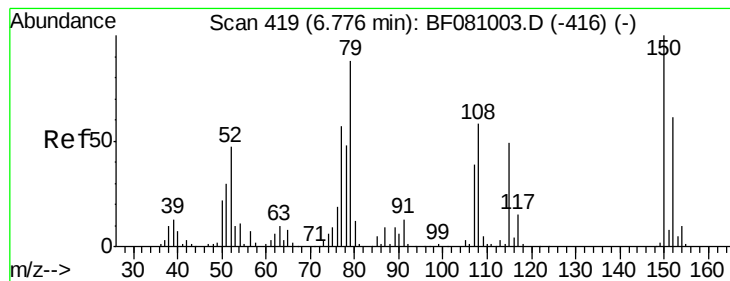
Tot Ion:146 Resp: 137337
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.3 78.5
 111 41.7 34.4 51.6



#14
 1,2-Dichlorobenzene
 Concen: 38.38 ng
 RT: 6.69 min Scan# 433
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:146 Resp: 128969
 Ion Ratio Lower Upper
 146 100
 148 63.0 48.7 73.1
 111 50.3 42.3 63.5





#15

Benzyl Alcohol

Concen: 36.21 ng

RT: 6.67 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

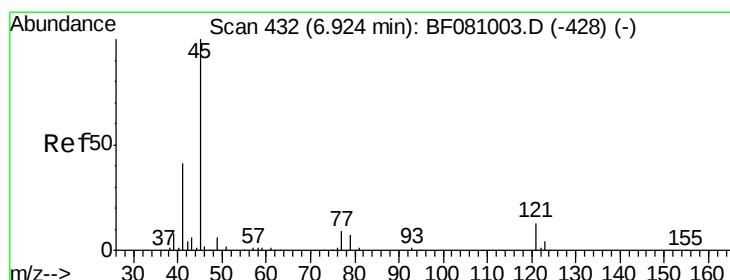
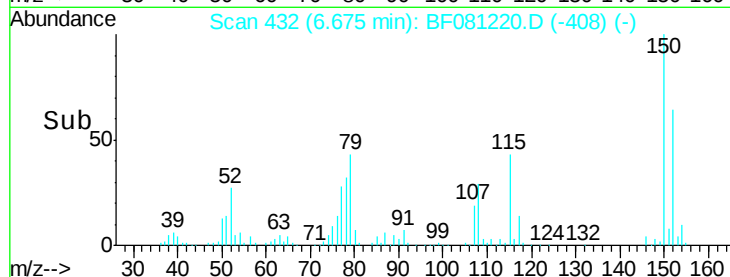
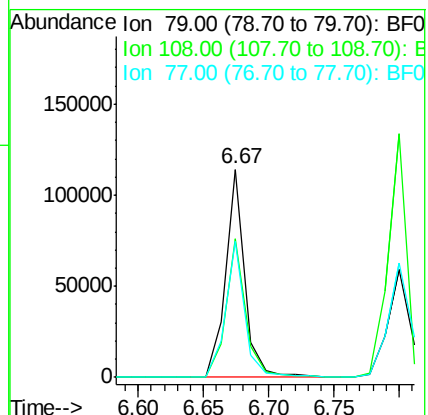
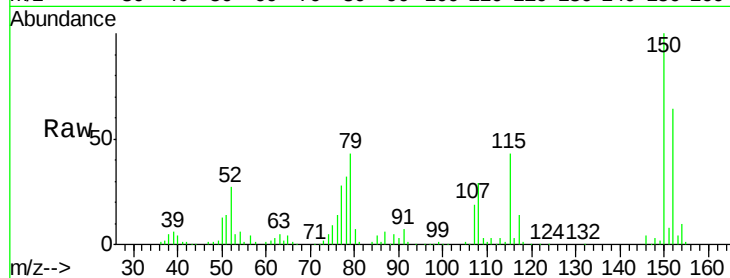
Tot Ion: 79 Resp: 117871

Ion Ratio Lower Upper

79 100

108 66.8 49.4 74.2

77 65.7 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.23 ng

RT: 6.81 min Scan# 444

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

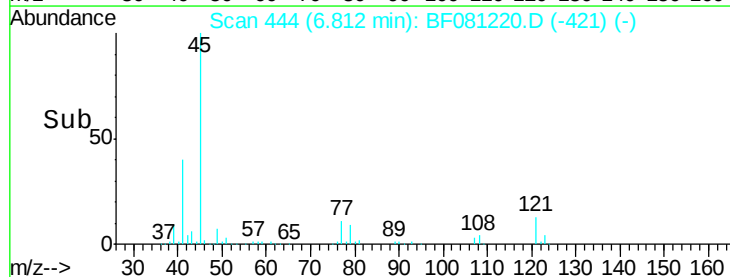
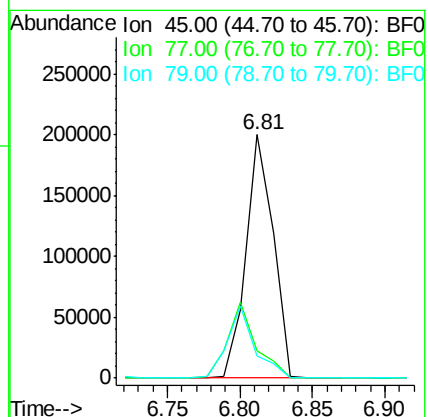
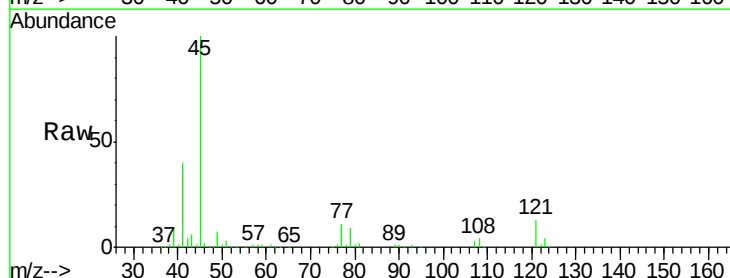
Tgt Ion: 45 Resp: 259570

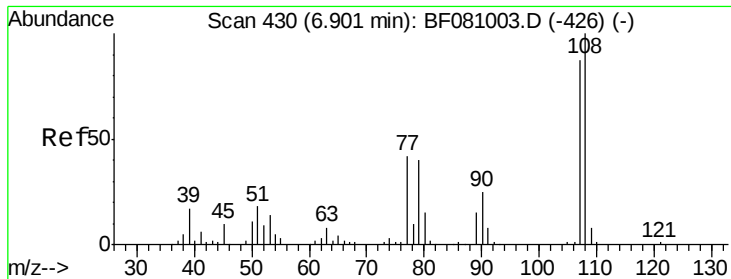
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.2

79 8.9 0.0 28.0

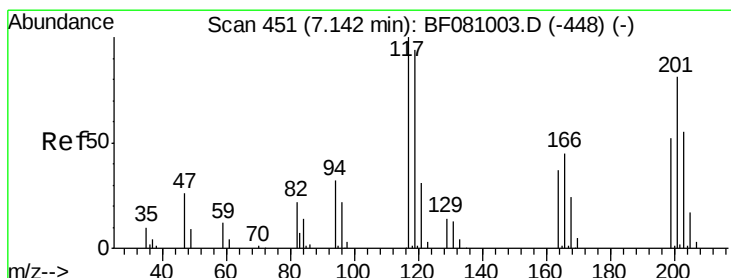
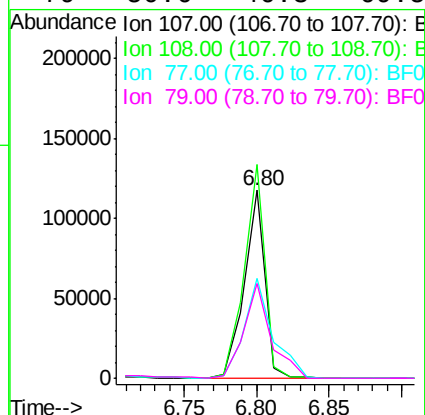
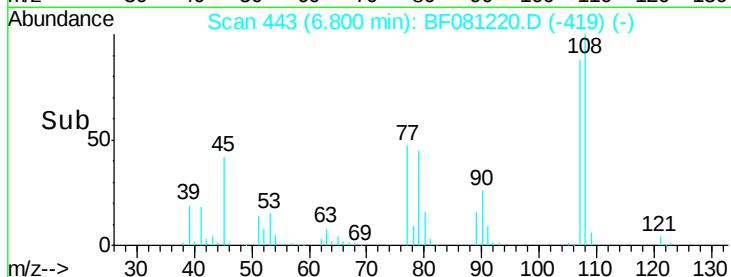
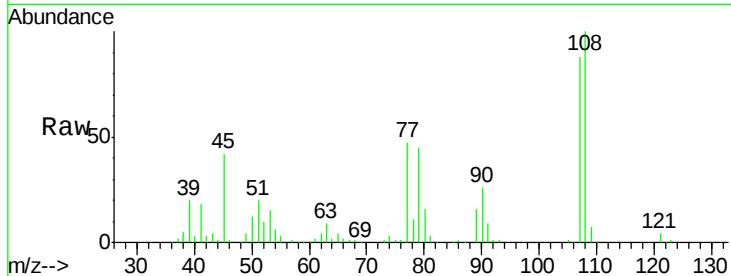




#17
2-Methylphenol
Concen: 39.89 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

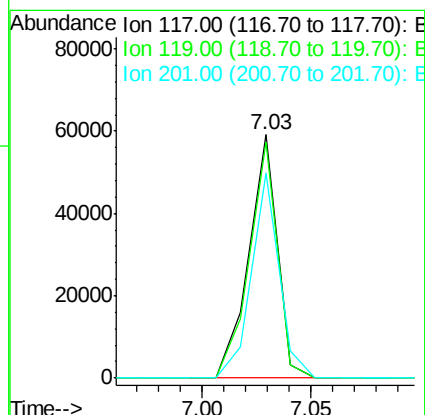
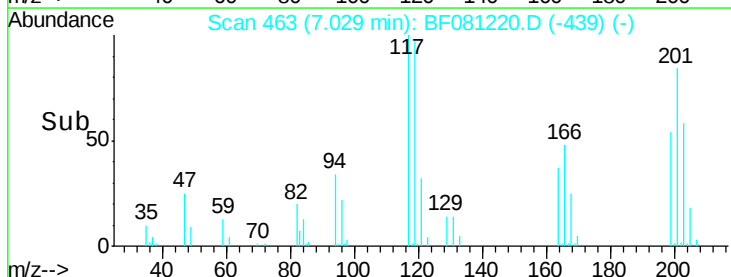
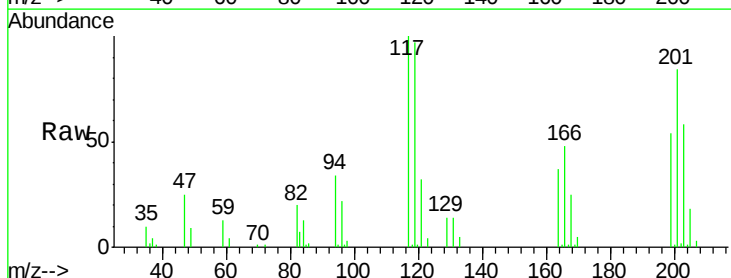
Instrument :
BNA_F
ClientSampleId :

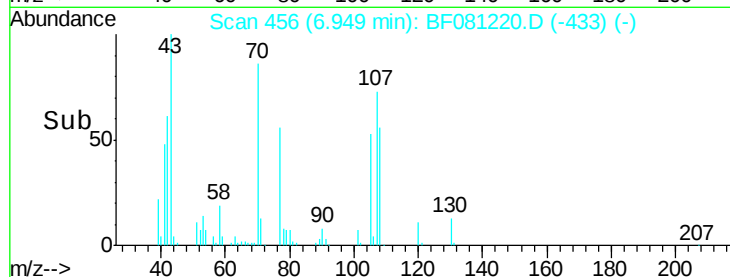
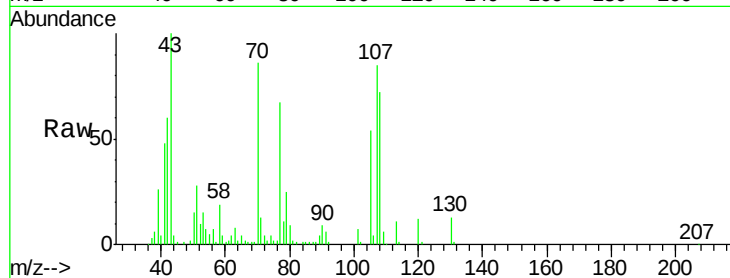
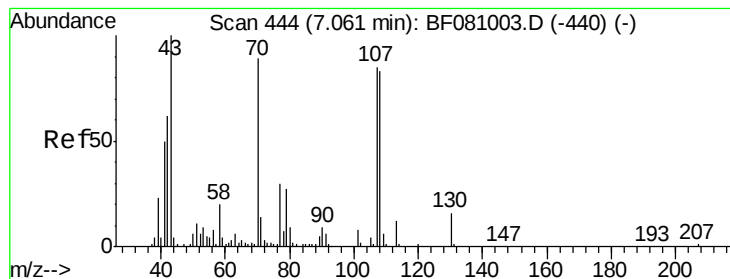
Tot Ion:	107	Resp:	115513
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.4	135.6
77	53.4	46.5	69.7
79	50.6	46.3	69.5



#18
Hexachloroethane
Concen: 36.93 ng
RT: 7.03 min Scan# 463
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:	117	Resp:	53585
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.9	116.9
201	84.3	61.3	91.9





#19

n-Nitroso-di-n-propylamine

Concen: 36.90 ng

RT: 6.95 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 102842

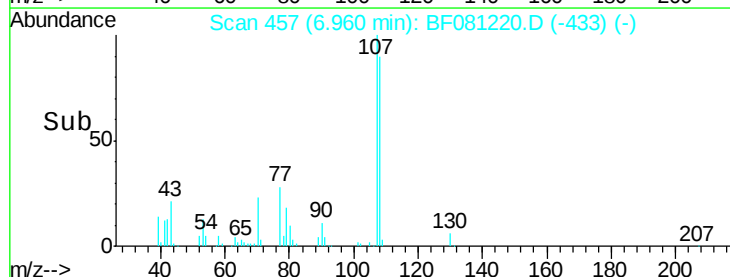
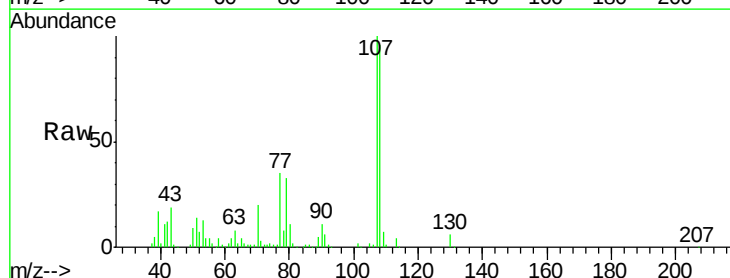
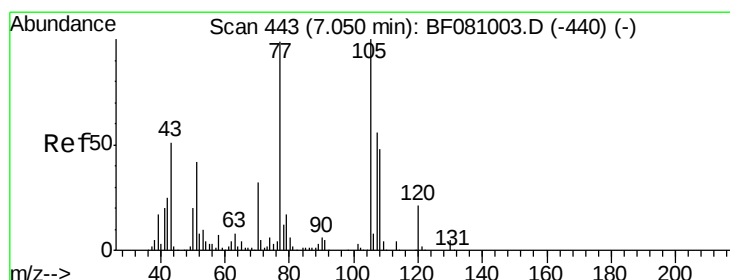
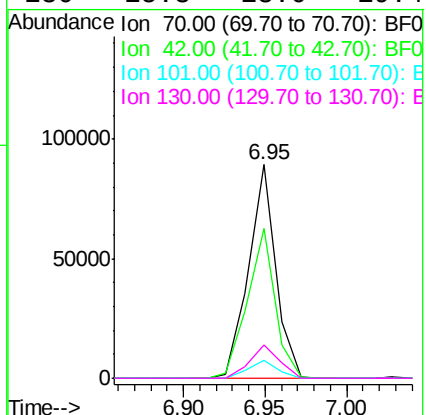
Ion Ratio Lower Upper

70 100

42 70.4 65.0 97.4

101 8.4 7.4 11.2

130 15.3 13.0 19.4



#20

3+4-Methylphenols

Concen: 39.99 ng

RT: 6.96 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Tgt Ion: 107 Resp: 146999

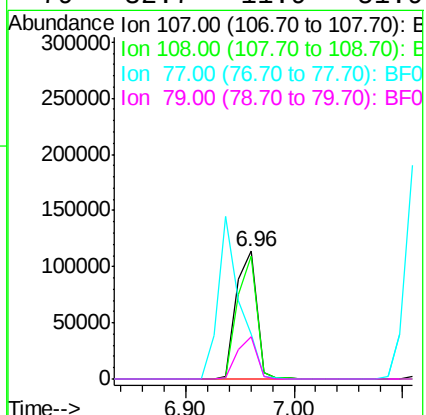
Ion Ratio Lower Upper

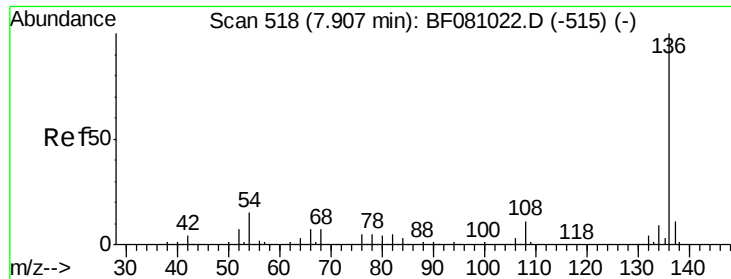
107 100

108 95.6 66.1 106.1

77 35.3 139.3 179.3#

79 32.7 11.9 51.9

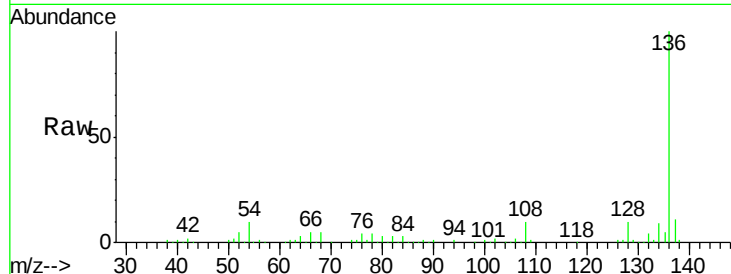




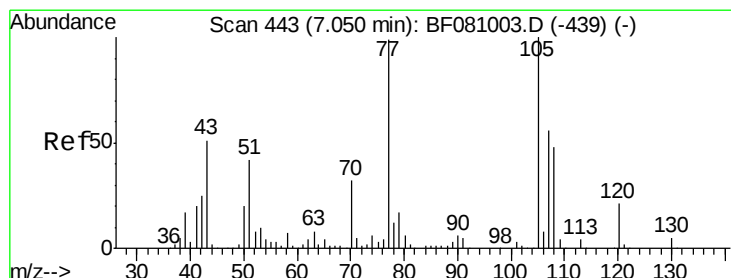
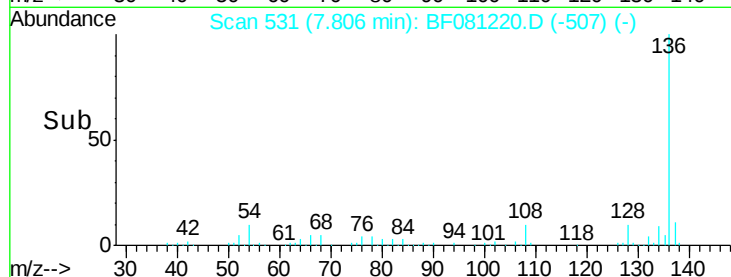
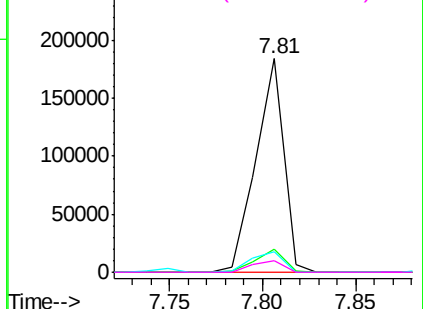
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	189943
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	9.7	7.7 11.5
68	5.1	3.4 5.2

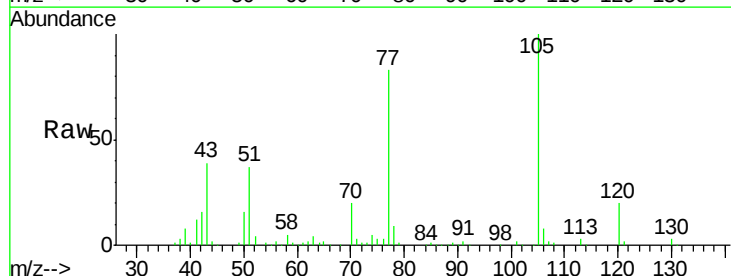


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

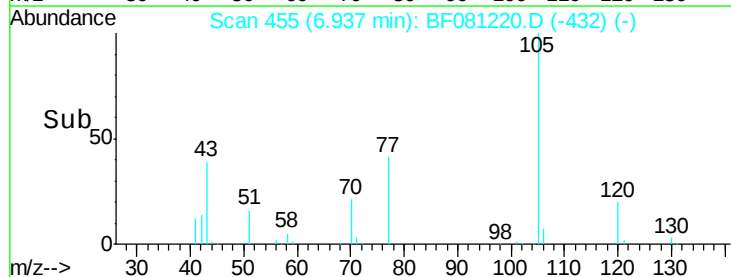
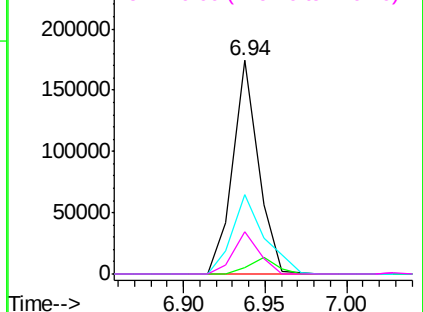


#22
Acetophenone
Concen: 37.89 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:105	Resp:	188928
Ion Ratio	Lower	Upper
105	100	
71	3.3	3.0 4.6
51	37.2	39.8 59.8#
120	19.9	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

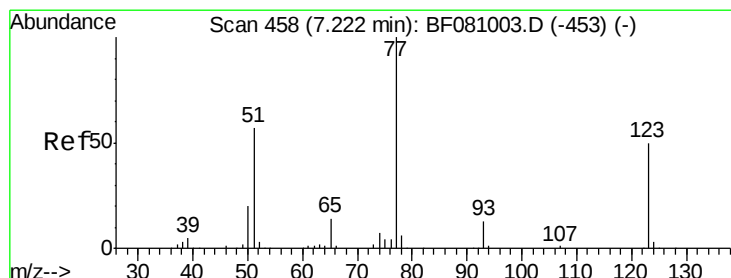
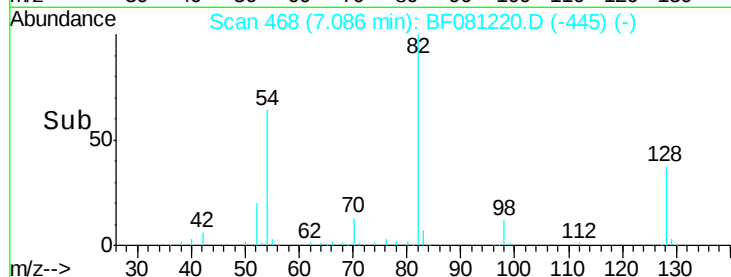
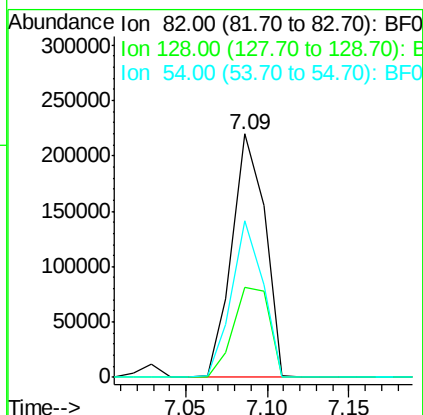
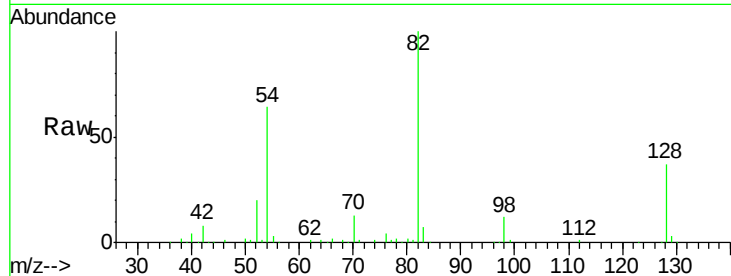




#23
 Nitrobenzene-d5
 Concen: 74.09 ng
 RT: 7.09 min Scan# 468
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

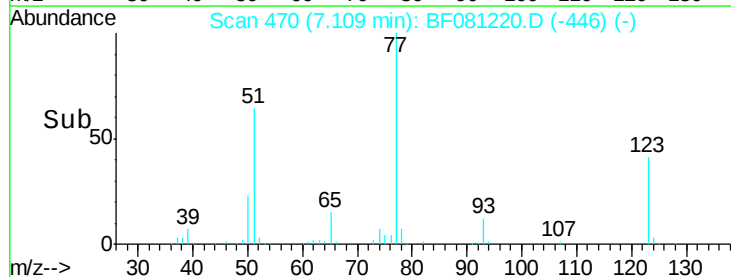
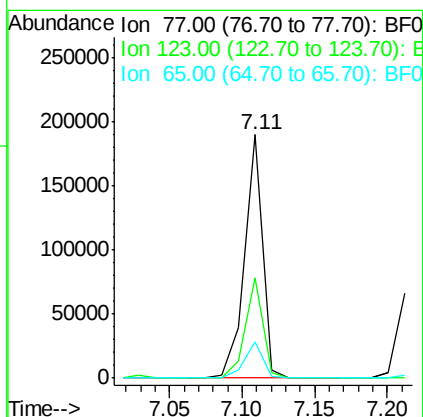
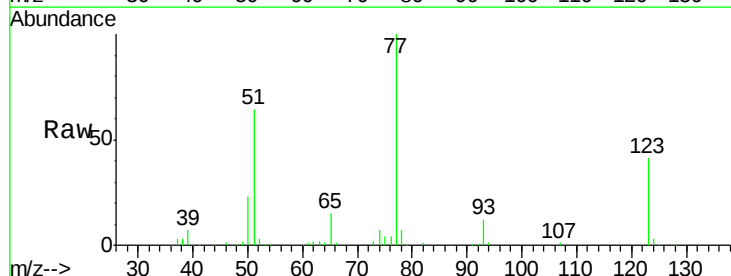
Instrument :
 BNA_F
 ClientSampled :

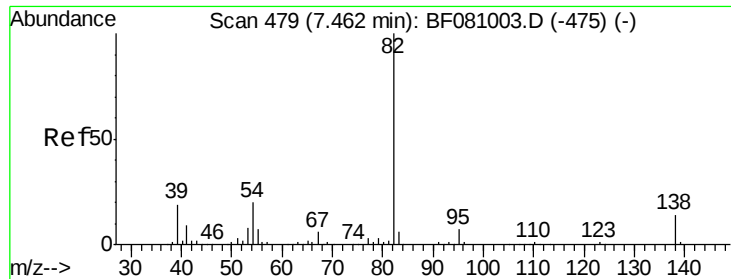
Tot Ion	82	Resp	308051
Ion Ratio	100	Lower	Upper
128	36.8	28.6	42.8
54	64.4	55.1	82.7



#24
 Nitrobenzene
 Concen: 37.85 ng
 RT: 7.11 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion	77	Resp	164570
Ion Ratio	100	Lower	Upper
123	40.9	32.9	49.3
65	14.8	12.5	18.7





#25

Isophorone

Concen: 34.73 ng

RT: 7.35 min Scan# 491

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

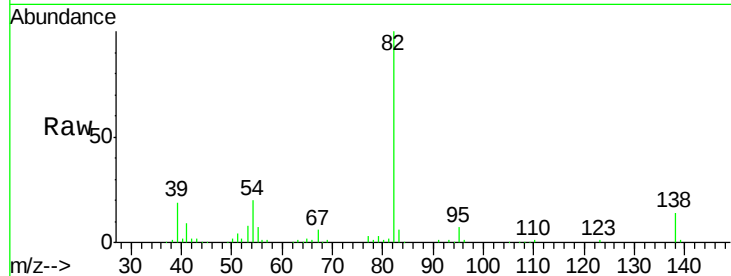
Tot Ion: 82 Resp: 269285

Ion Ratio Lower Upper

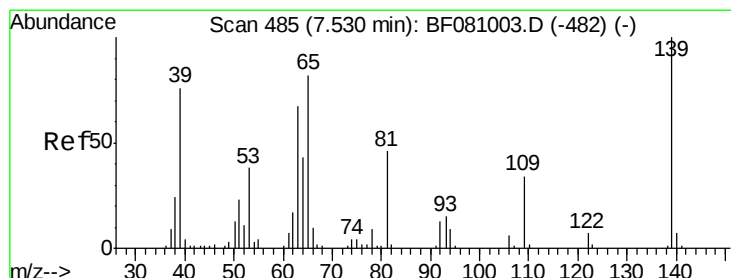
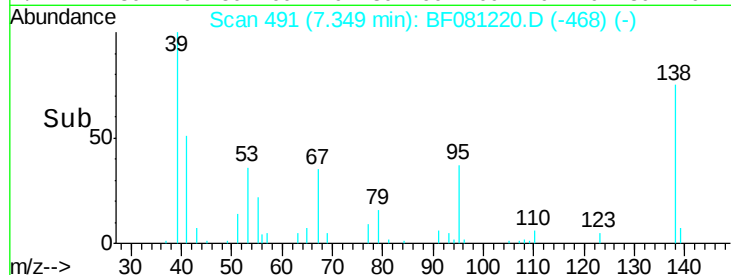
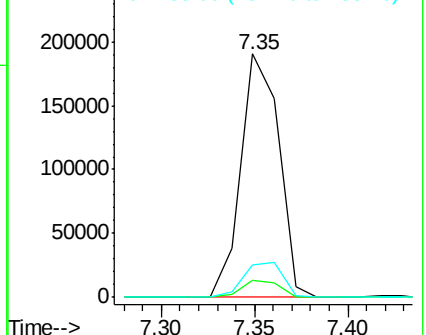
82 100

95 6.8 6.2 9.2

138 13.5 10.5 15.7



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



#26

2-Nitrophenol

Concen: 39.90 ng

RT: 7.43 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

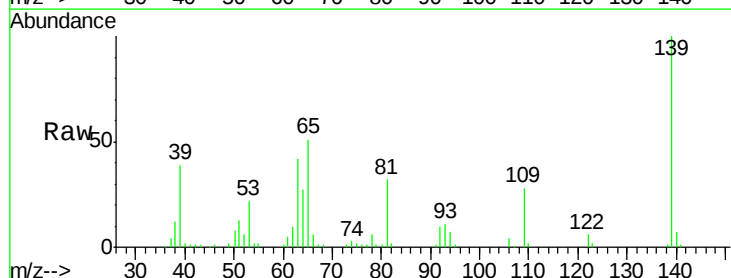
Tgt Ion: 139 Resp: 72138

Ion Ratio Lower Upper

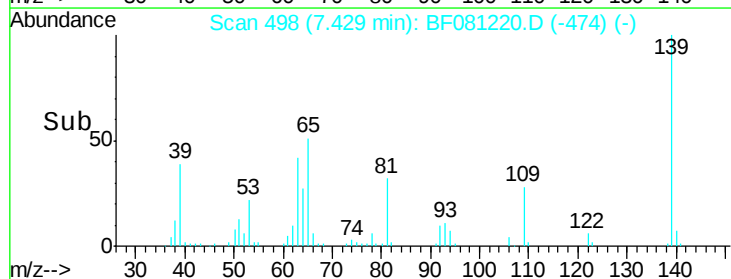
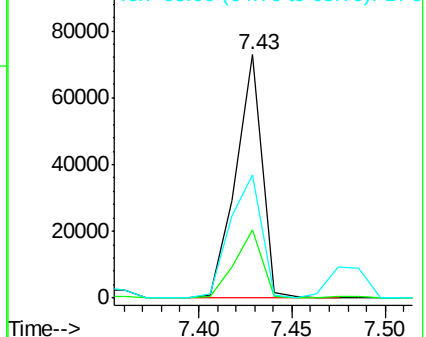
139 100

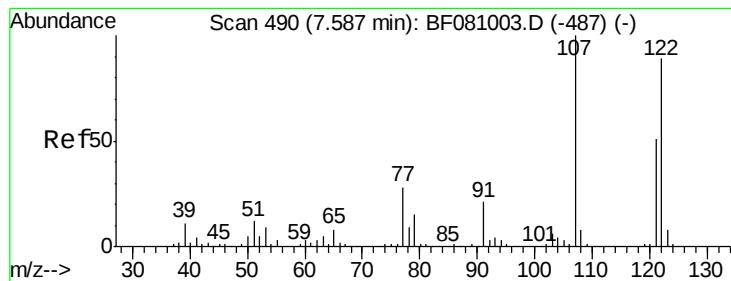
109 28.0 32.1 48.1#

65 50.7 69.9 104.9#



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





#27

2,4-Dimethylphenol

Concen: 38.20 ng

RT: 7.49 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

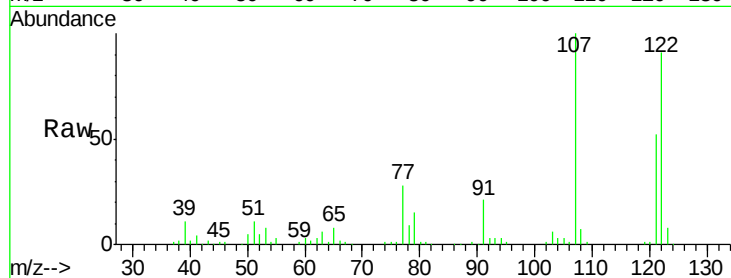
Tot Ion:122 Resp: 122193

Ion Ratio Lower Upper

122 100

107 110.2 103.8 155.6

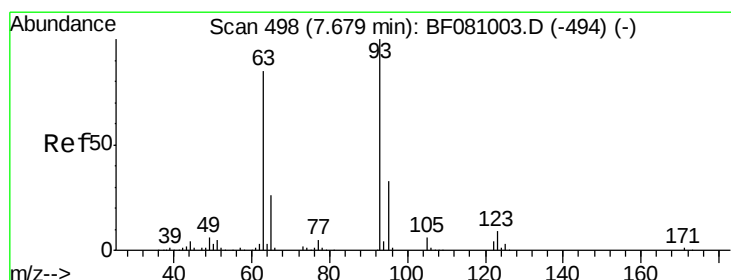
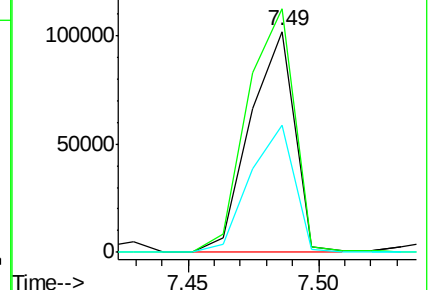
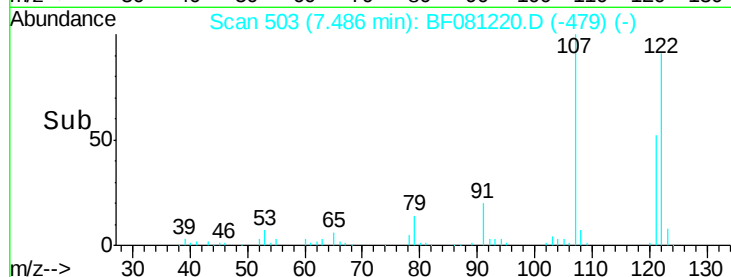
121 57.6 47.0 70.4



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: 39.06 ng

RT: 7.58 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

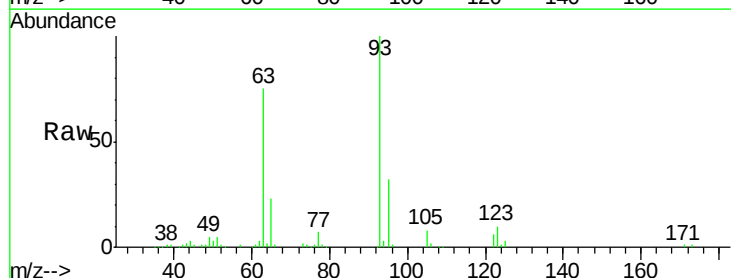
Tgt Ion: 93 Resp: 178949

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

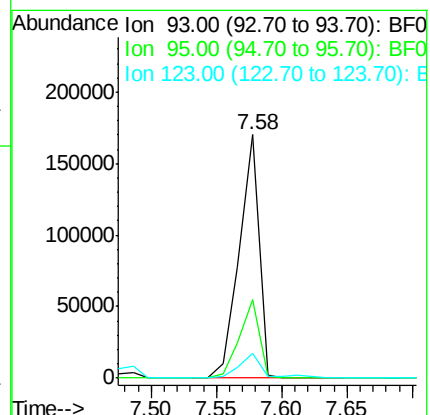
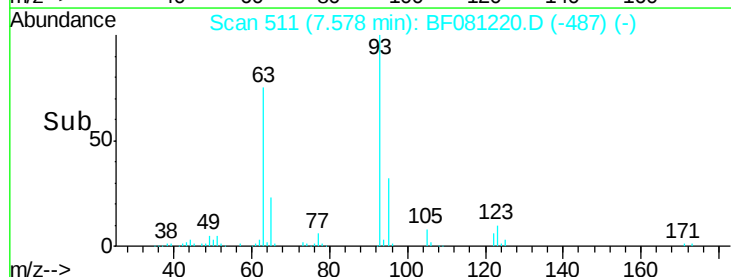
123 10.3 7.4 11.0

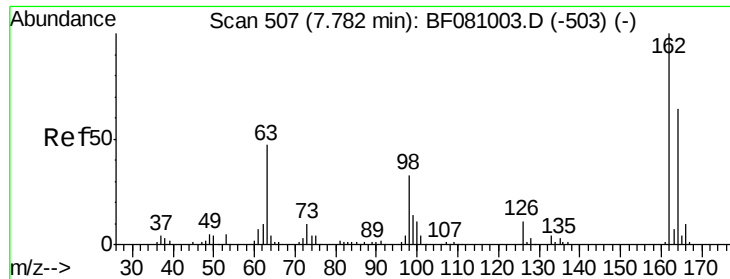


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

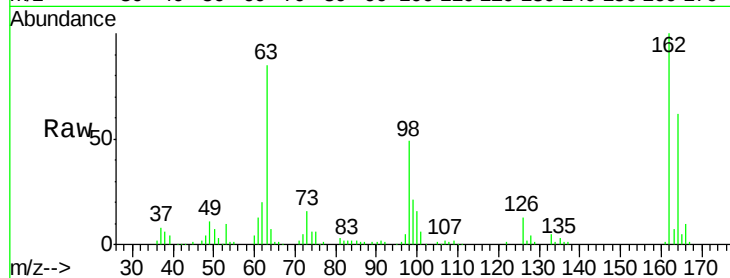




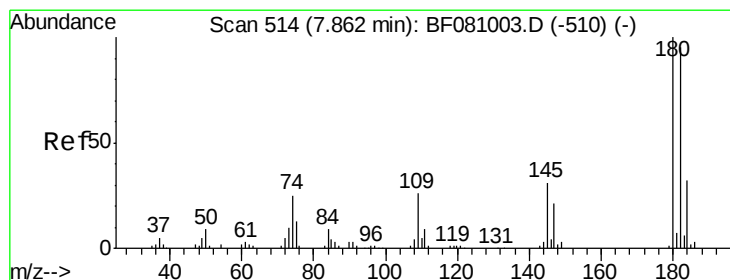
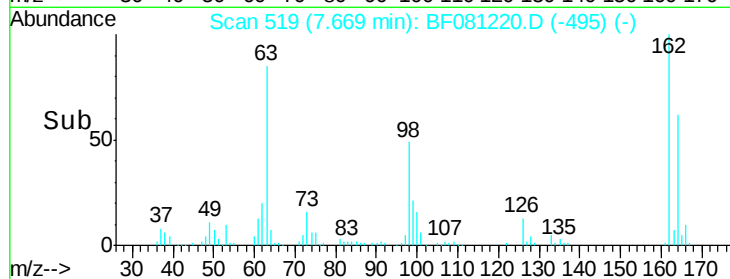
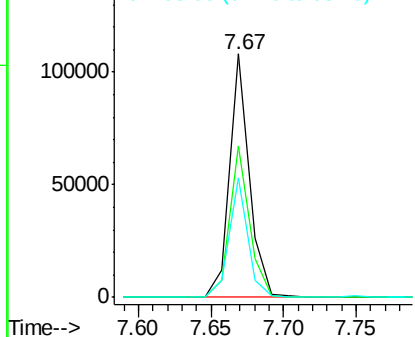
#29
 2,4-Dichlorophenol
 Concen: 37.93 ng
 RT: 7.67 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.2	83.2
98	49.3	12.3	52.3

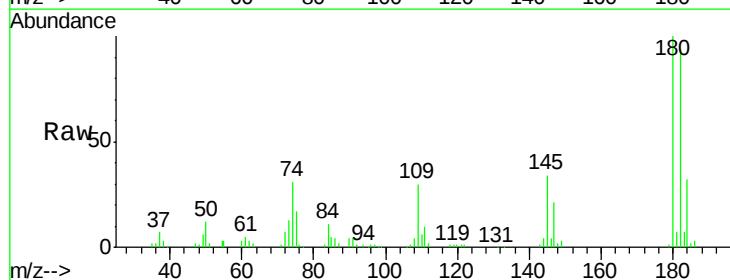


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

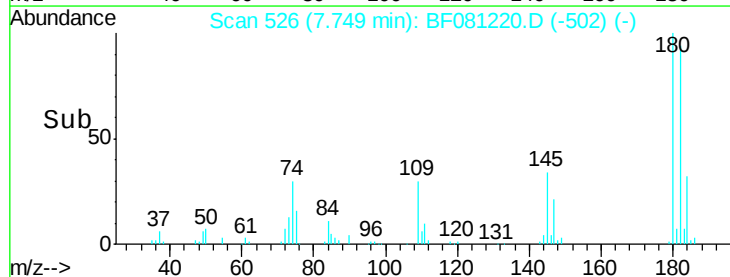
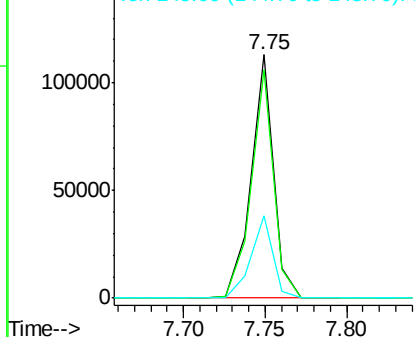


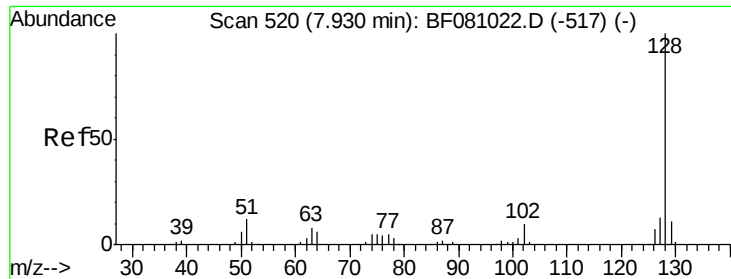
#30
 1,2,4-Trichlorobenzene
 Concen: 35.97 ng
 RT: 7.75 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.4	114.6
145	33.8	25.4	38.2



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

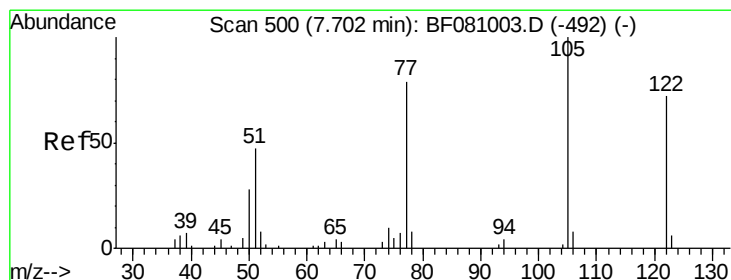
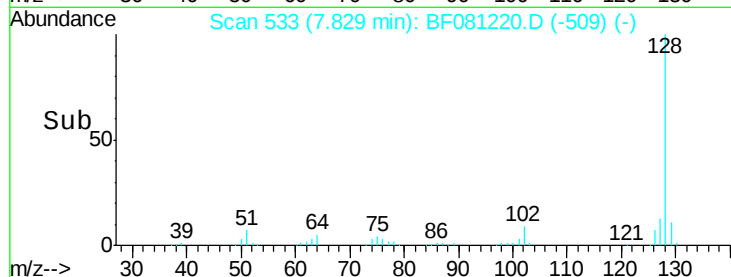
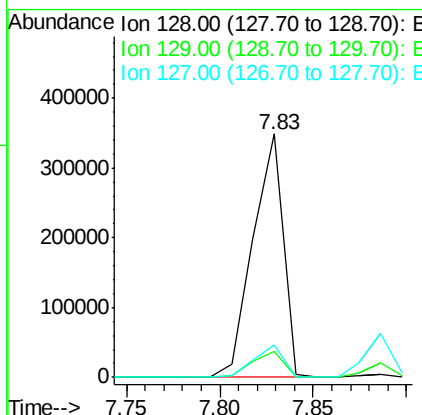
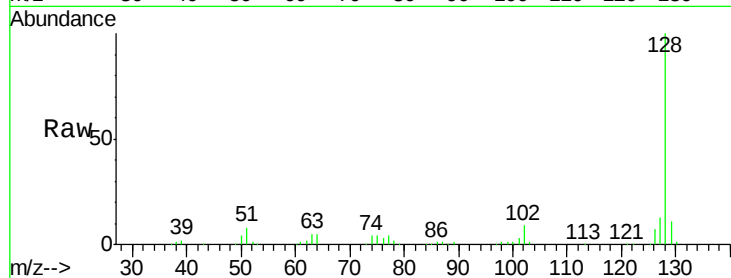




#31
Naphthalene
Concen: 36.86 ng
RT: 7.83 min Scan# 533
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

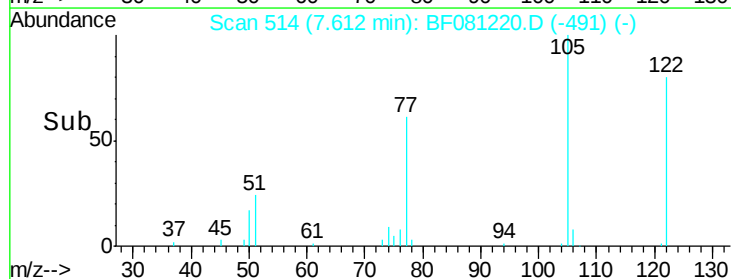
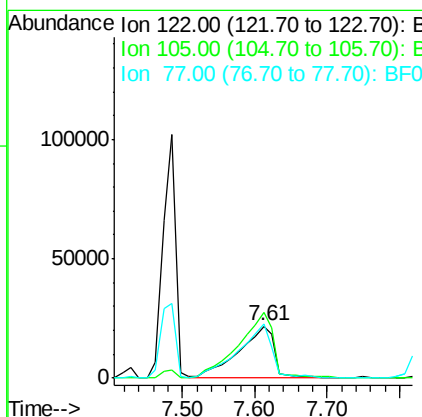
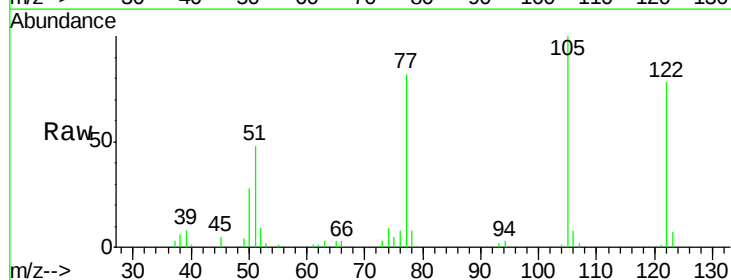
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 390309
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 41.95 ng
RT: 7.61 min Scan# 514
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:122 Resp: 75471
Ion Ratio Lower Upper
122 100
105 127.4 113.8 153.8
77 104.4 93.8 133.8

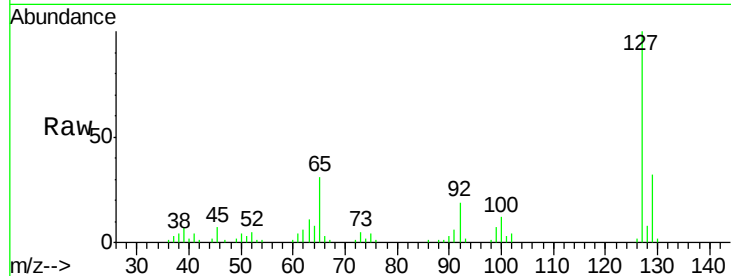




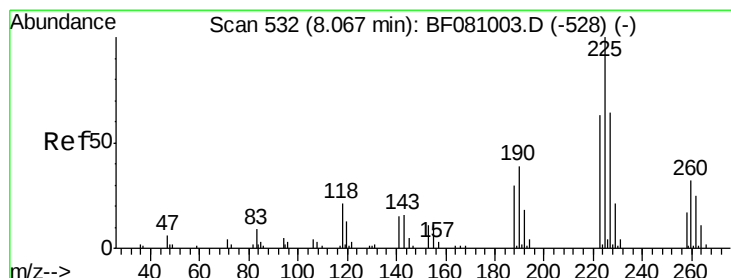
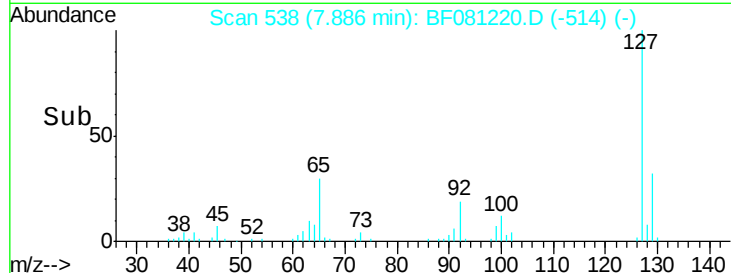
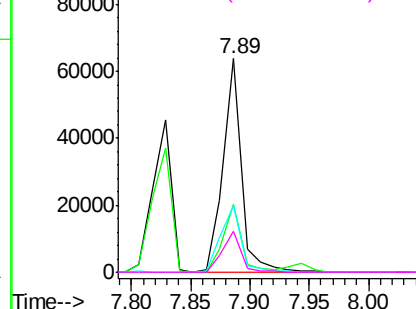
#33
4-Chloroaniline
Concen: 15.21 ng
RT: 7.89 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	67930
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.2	37.8
65	31.1	37.8	56.6#
92	19.3	19.5	29.3#

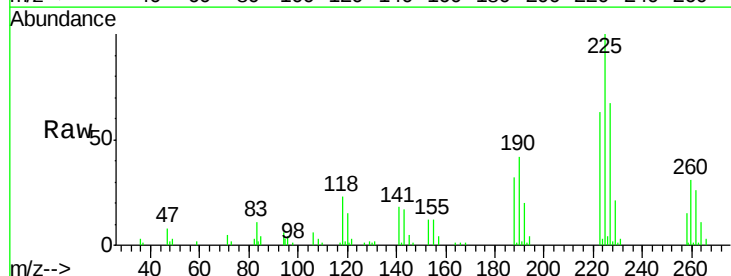


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

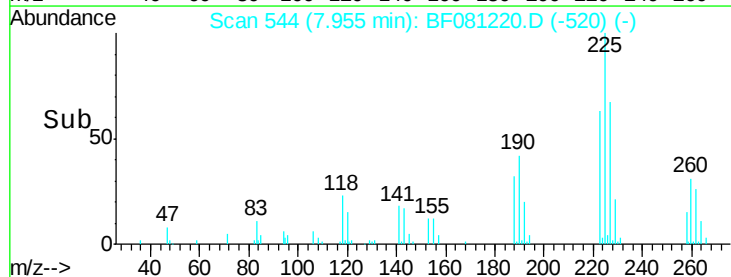
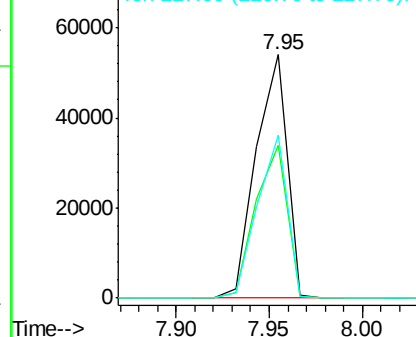


#34
Hexachlorobutadiene
Concen: 36.57 ng
RT: 7.95 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:	225	Resp:	61901
Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.6	79.0
227	67.1	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

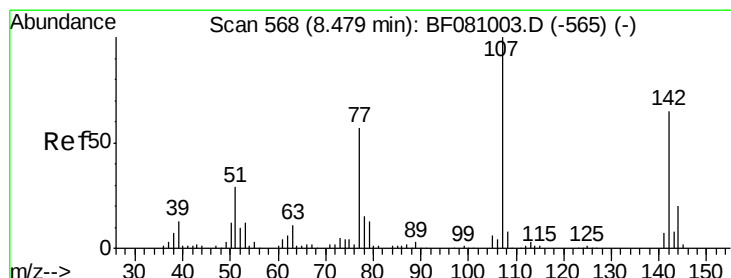
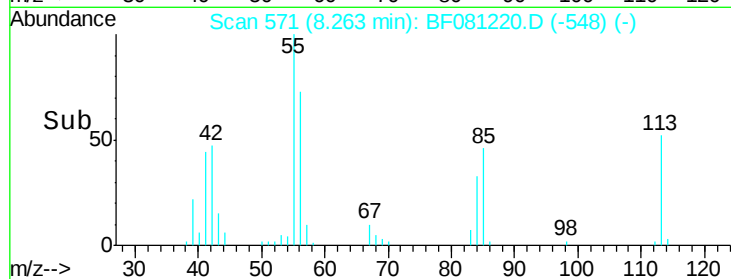
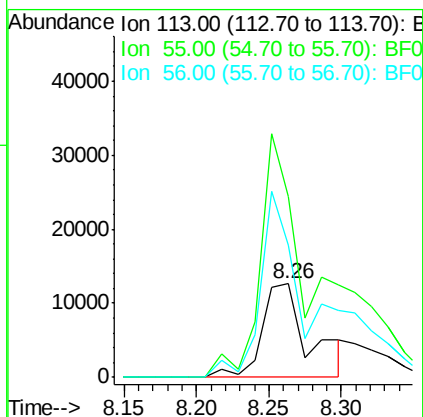
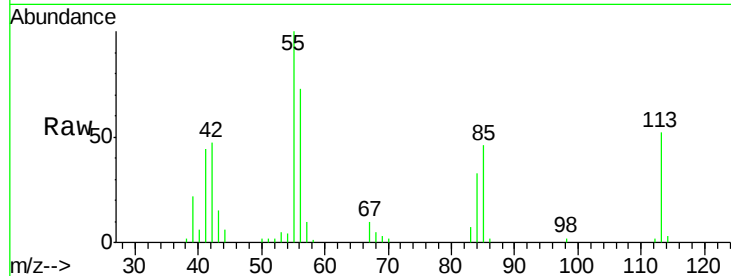




#35
 Caprolactam
 Concen: 29.98 ng
 RT: 8.26 min Scan# 571
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

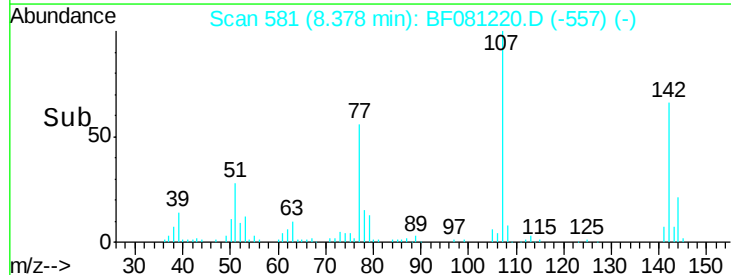
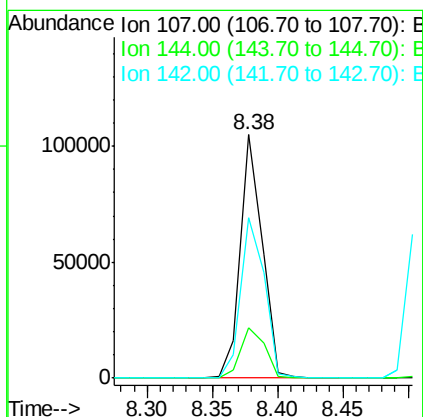
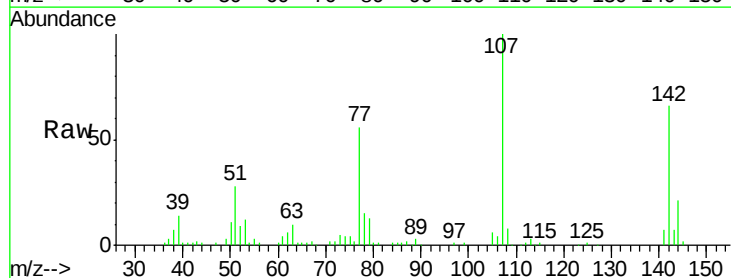
Instrument :
 BNA_F
 ClientSampled :

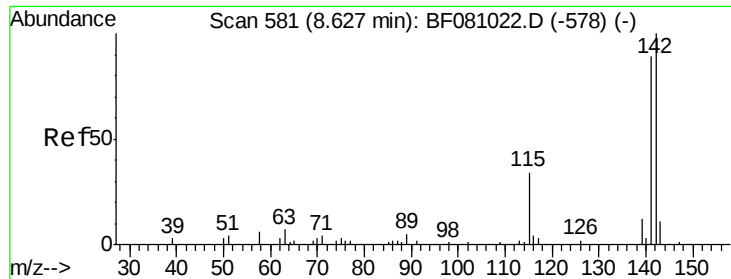
Tot Ion:113 Resp: 28221
 Ion Ratio Lower Upper
 113 100
 55 193.6 280.4 320.4#
 56 140.8 205.9 245.9#



#36
 4-Chloro-3-methylphenol
 Concen: 38.14 ng
 RT: 8.38 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:107 Resp: 122410
 Ion Ratio Lower Upper
 107 100
 144 20.7 17.2 25.8
 142 66.0 54.9 82.3

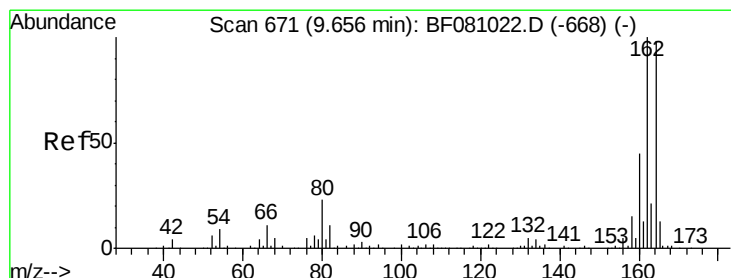
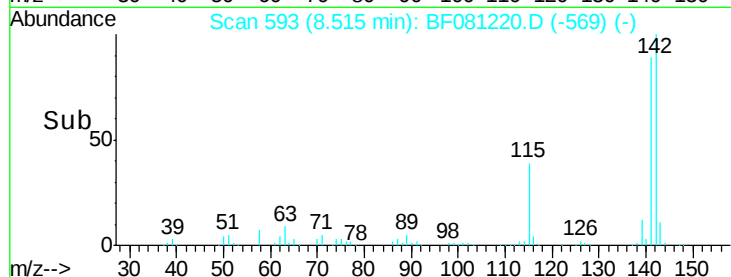
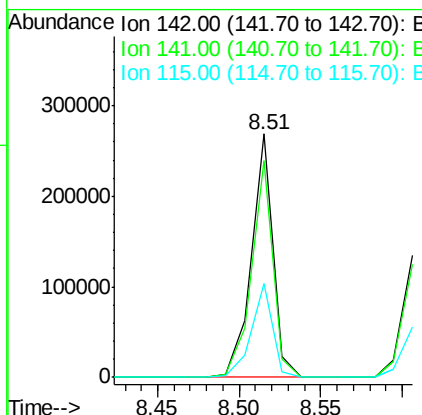
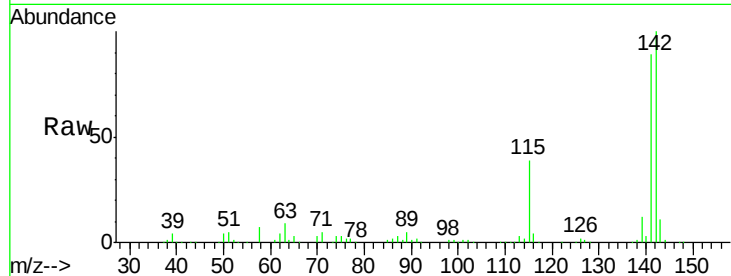




#37
 2-Methylnaphthalene
 Concen: 36.76 ng
 RT: 8.51 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

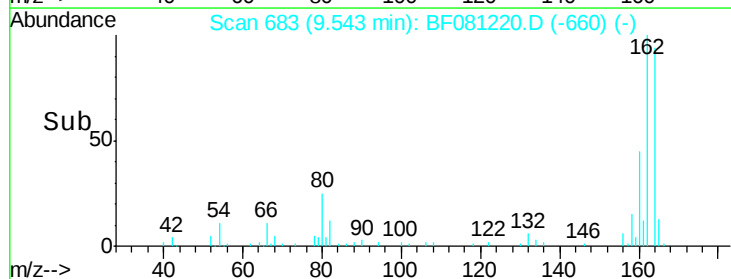
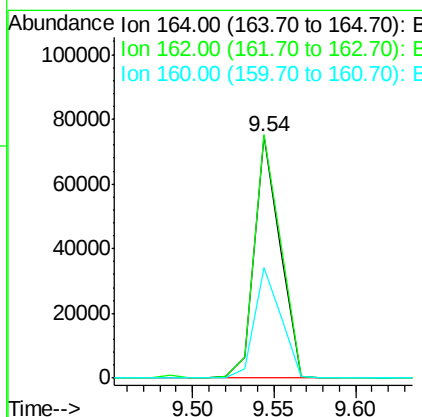
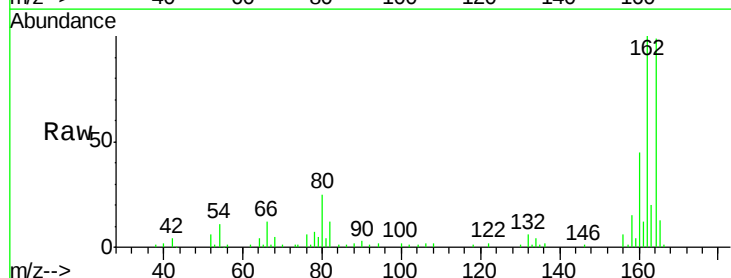
Instrument :
 BNA_F
 ClientSampleId :

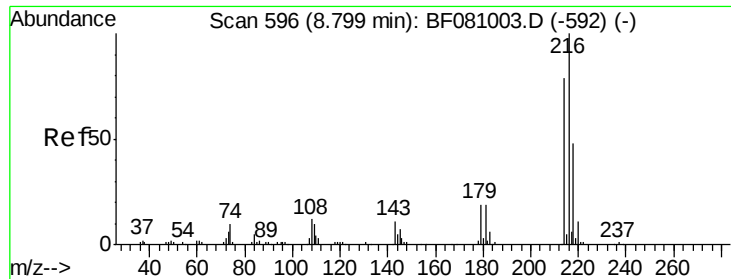
Tot Ion:142 Resp: 245871
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.4 107.2
 115 38.6 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 683
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:164 Resp: 81702
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.8 125.8
 160 45.6 39.8 59.8

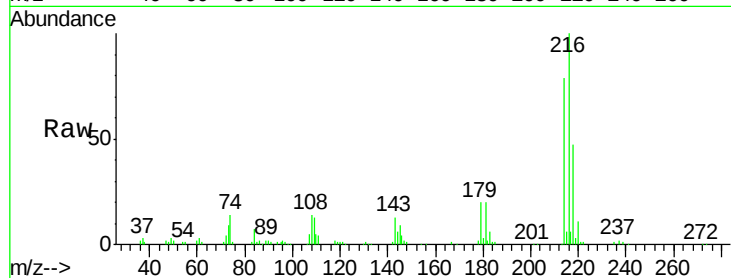




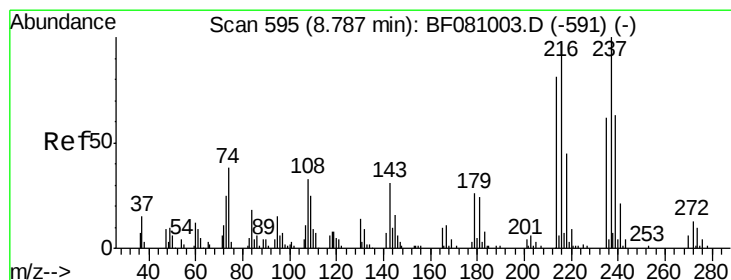
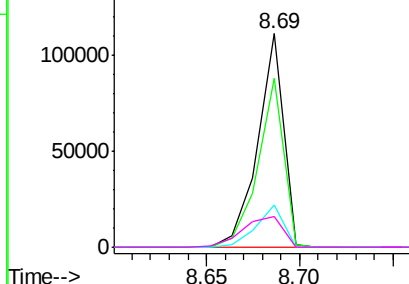
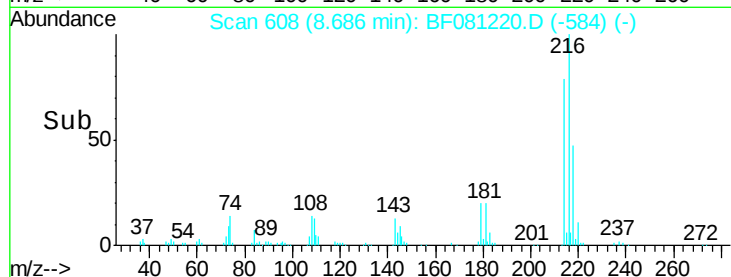
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.23 ng
 RT: 8.69 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	106038
Ion Ratio	Lower	Upper
216	100	
214	79.1	63.8 95.8
179	21.2	17.8 26.8
108	22.3	16.2 24.2

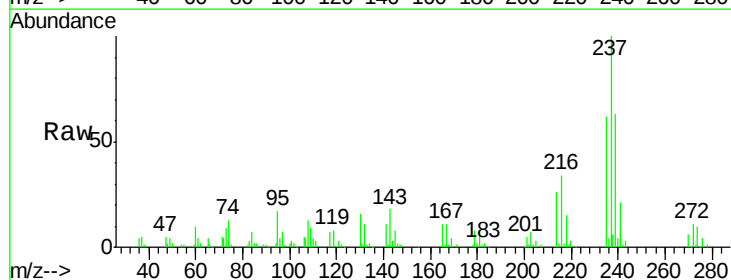


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

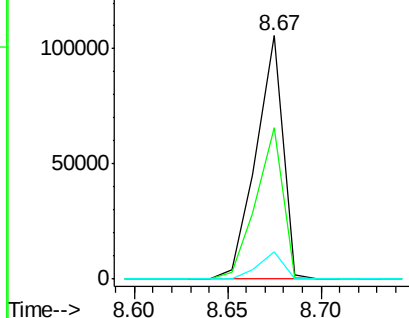
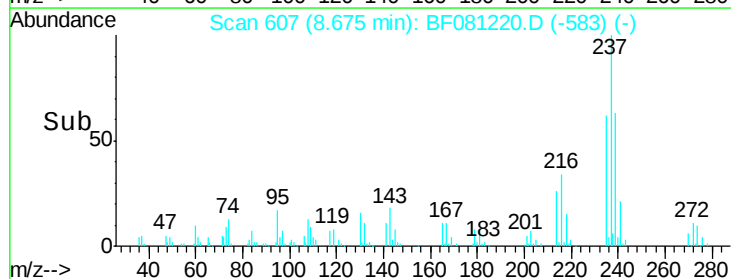


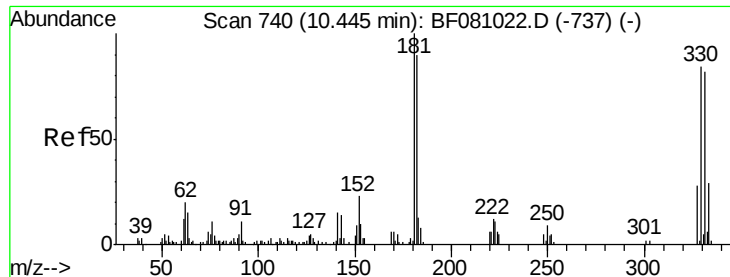
#40
 Hexachlorocyclopentadiene
 Concen: 78.82 ng
 RT: 8.67 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:237	Resp:	107547
Ion Ratio	Lower	Upper
237	100	
235	62.3	43.6 83.6
272	11.2	0.0 32.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 111.87 ng

RT: 10.33 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

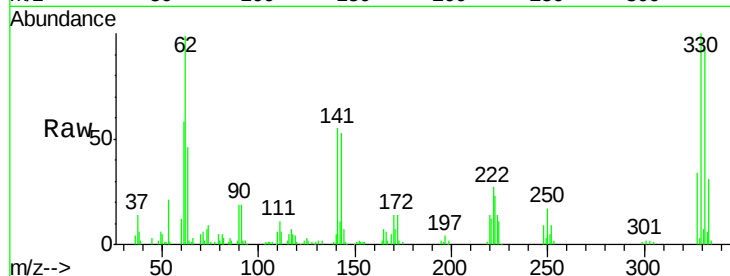
Tot Ion:330 Resp: 79229

Ion Ratio Lower Upper

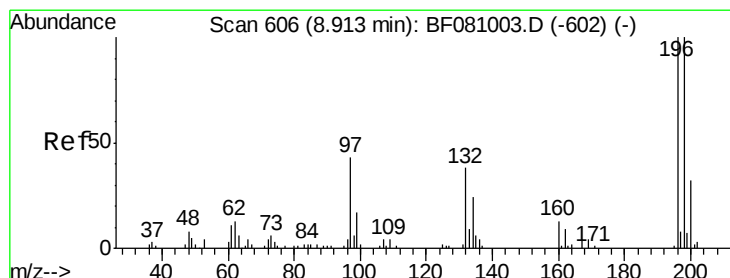
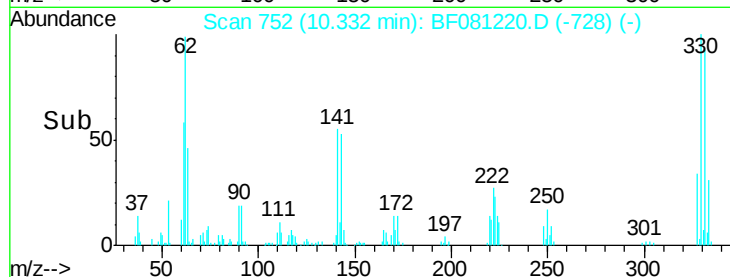
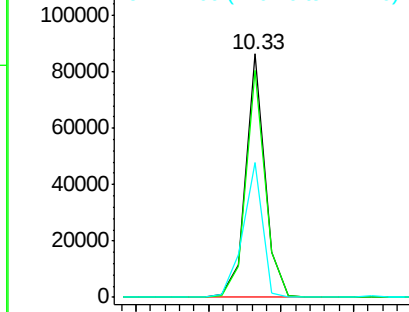
330 100

332 94.4 77.3 115.9

141 56.8 44.9 67.3



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



#42

2,4,6-Trichlorophenol

Concen: 39.85 ng

RT: 8.80 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

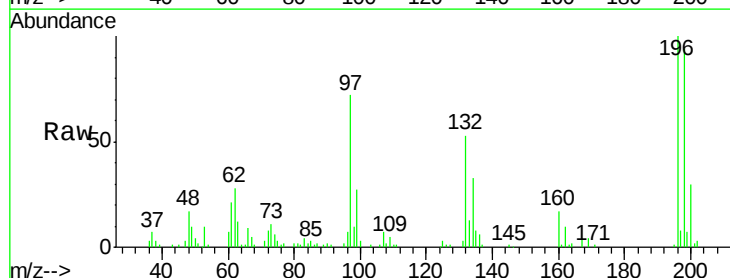
Tgt Ion:196 Resp: 74218

Ion Ratio Lower Upper

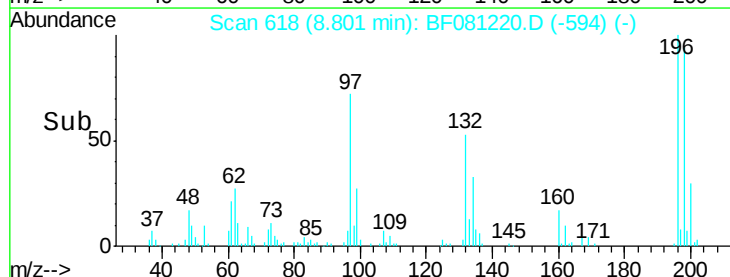
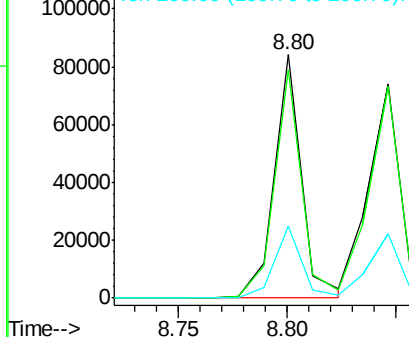
196 100

198 93.7 74.6 111.8

200 29.7 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

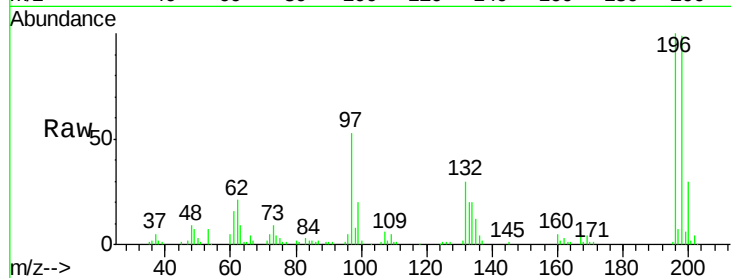




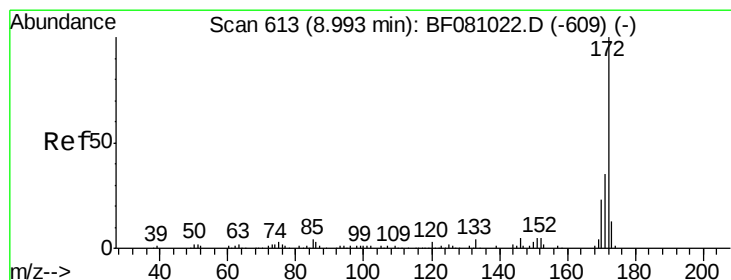
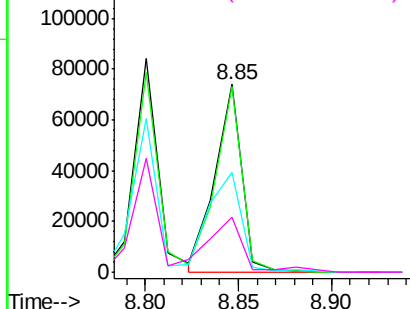
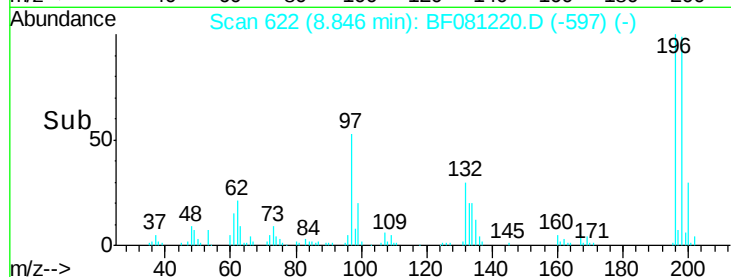
#43
 2,4,5-Trichlorophenol
 Concen: 39.67 ng
 RT: 8.85 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 73829
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.3 117.5
 97 52.9 42.7 64.1
 132 29.6 23.3 34.9

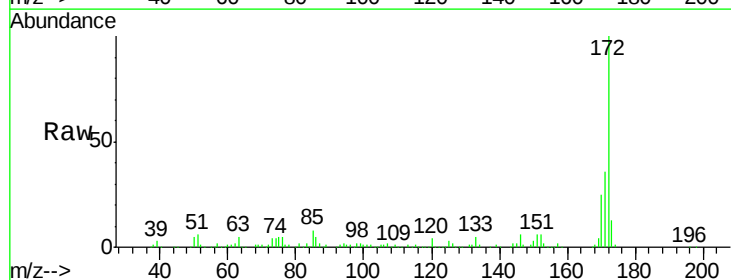


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

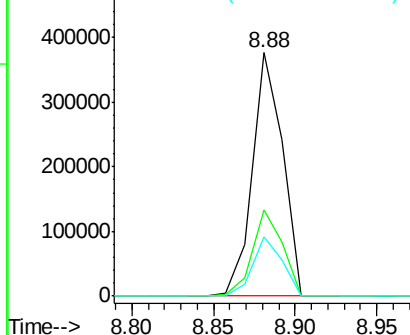
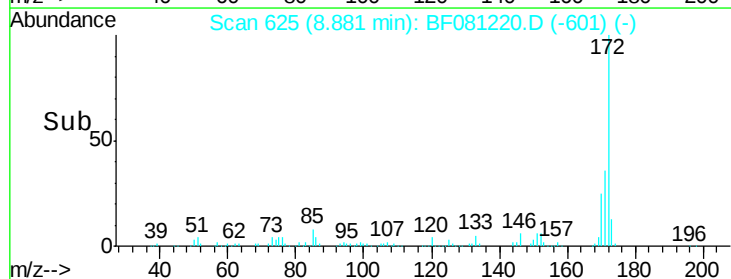


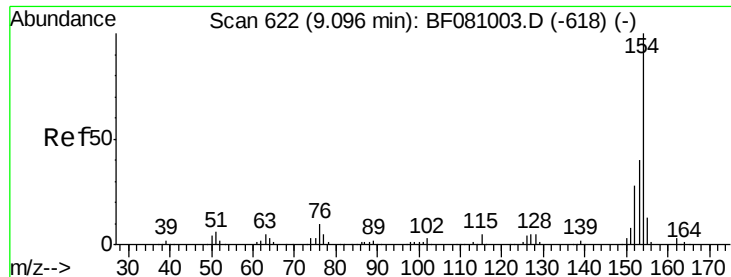
#44
 2-Fluorobiphenyl
 Concen: 77.73 ng
 RT: 8.88 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:172 Resp: 484701
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 24.6 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

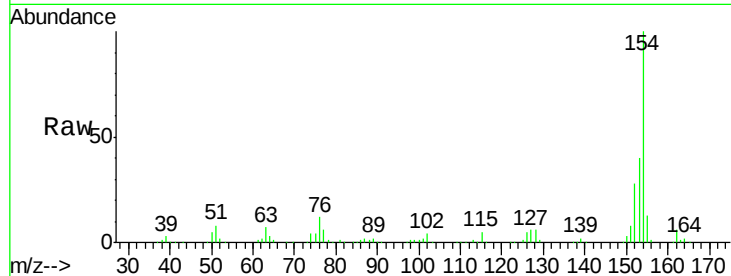




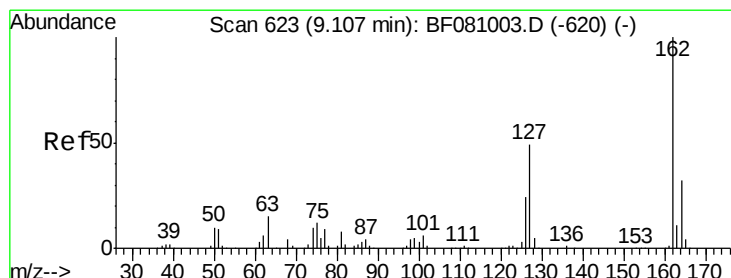
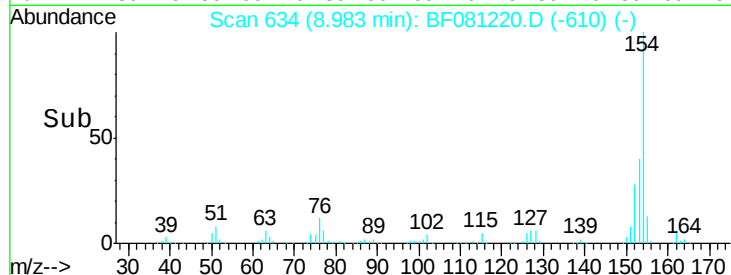
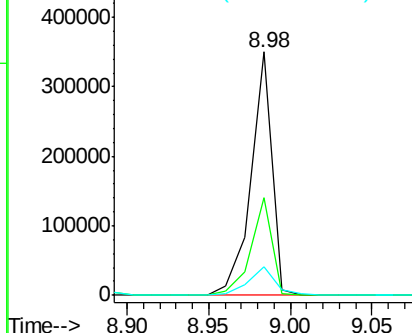
#45
1,1'-Biphenyl
Concen: 43.37 ng
RT: 8.98 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 312127
Ion Ratio Lower Upper
154 100
153 40.1 19.5 59.5
76 11.8 0.0 29.3

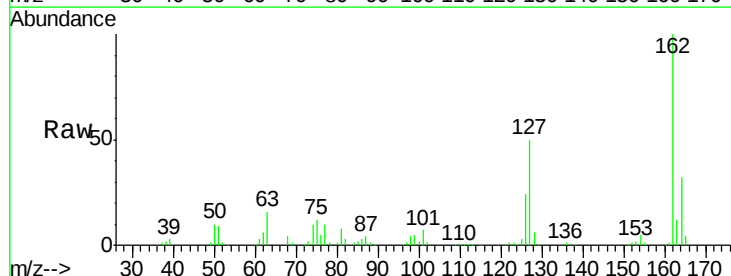


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

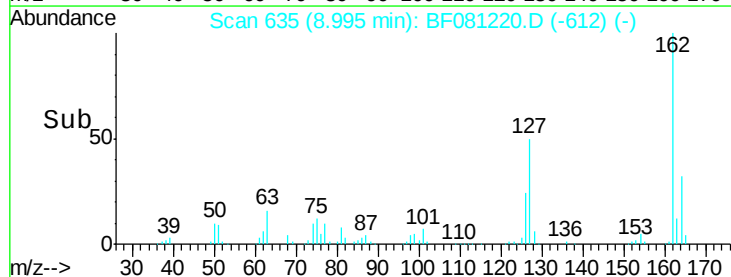
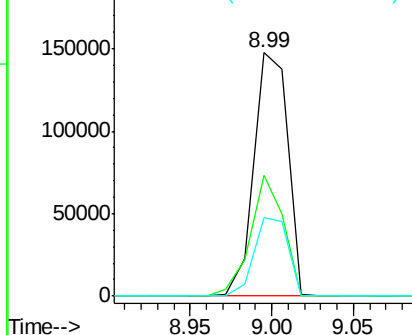


#46
2-Chloronaphthalene
Concen: 36.79 ng
RT: 8.99 min Scan# 635
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:162 Resp: 212710
Ion Ratio Lower Upper
162 100
127 49.6 31.3 46.9#
164 32.3 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

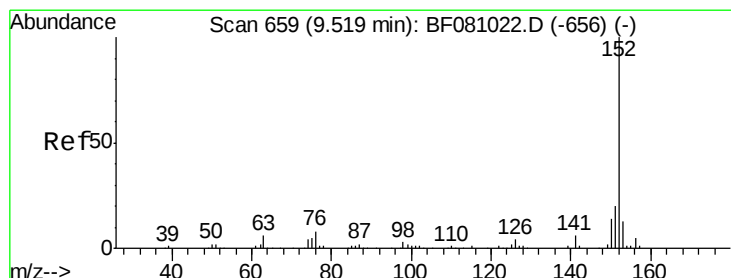
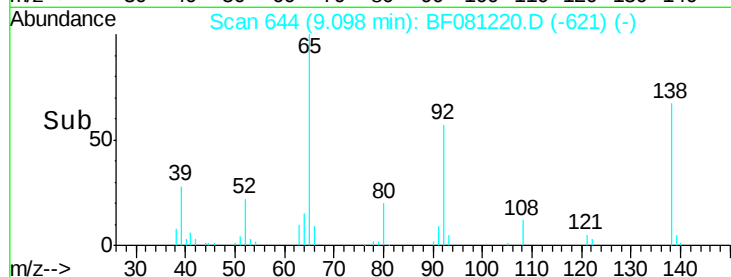
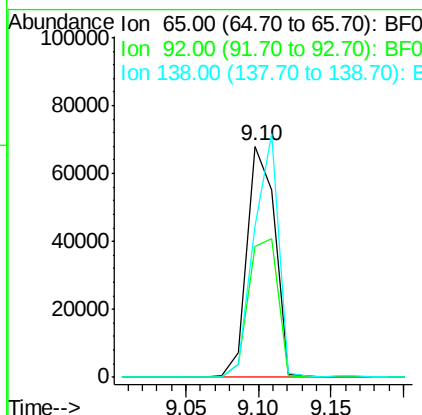
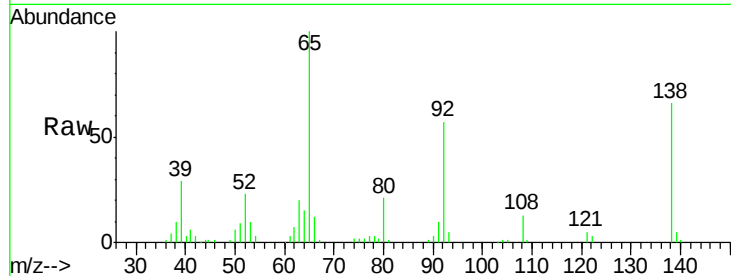




#47
2-Nitroaniline
Concen: 38.26 ng
RT: 9.10 min Scan# 644
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

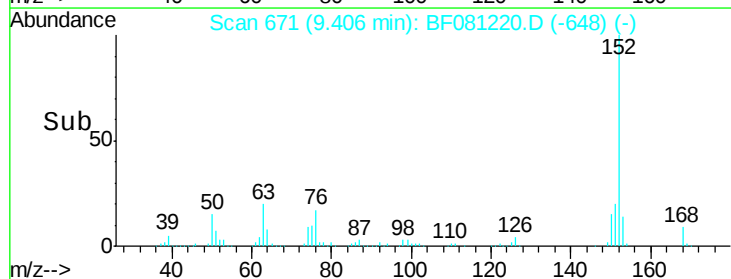
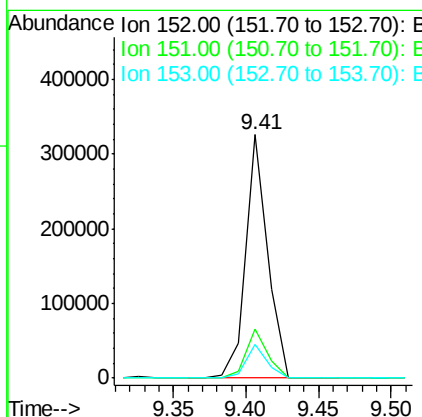
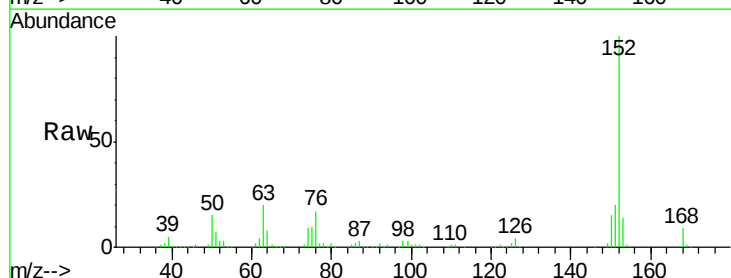
Instrument :
BNA_F
ClientSampleId :

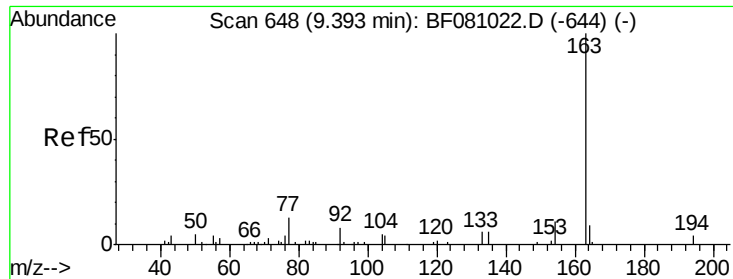
Tot Ion: 65 Resp: 90532
Ion Ratio Lower Upper
65 100
92 56.8 45.6 68.4
138 65.9 57.9 86.9



#48
Acenaphthylene
Concen: 32.96 ng
RT: 9.41 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion: 152 Resp: 340896
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.6 9.8 14.6

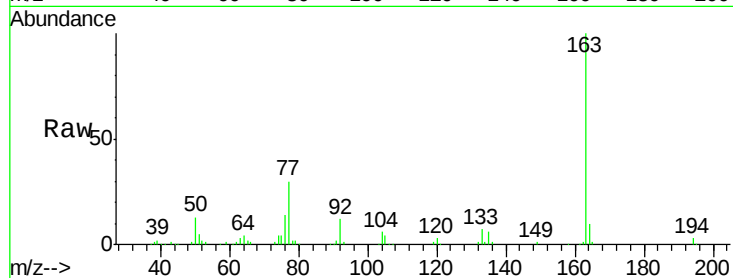




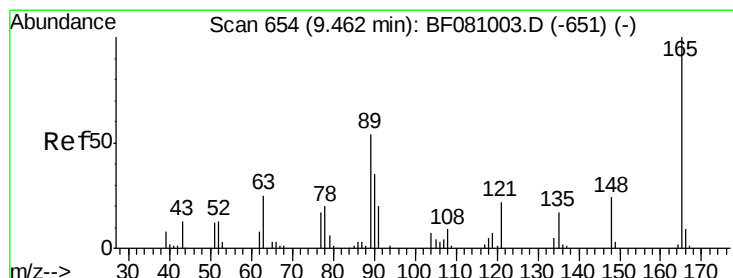
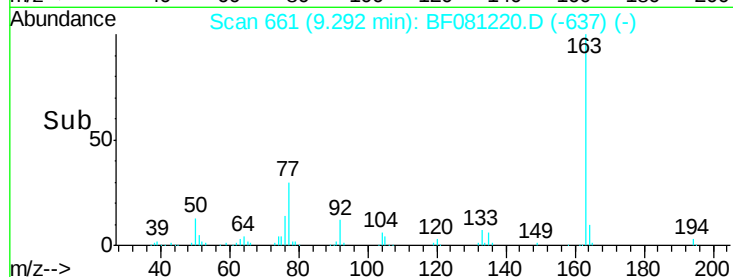
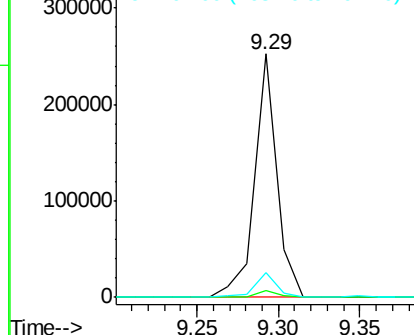
#49
Dimethylphthalate
Concen: 35.60 ng
RT: 9.29 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 239570
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.2 8.1 12.1

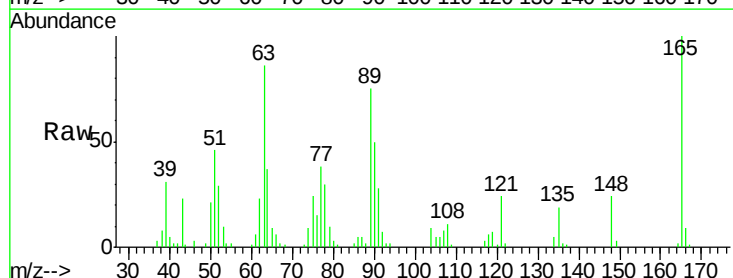


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

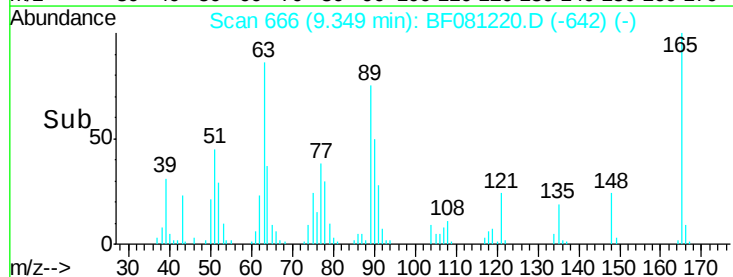
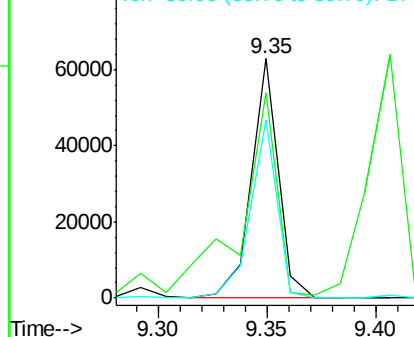


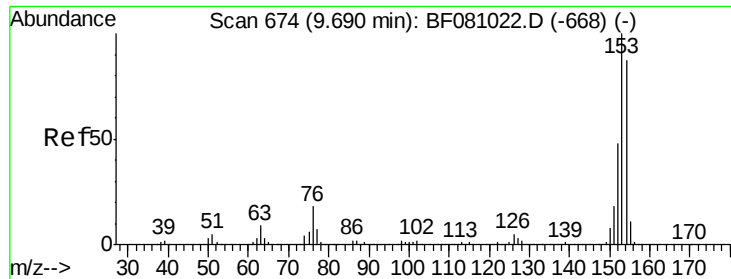
#50
2,6-Dinitrotoluene
Concen: 37.28 ng
RT: 9.35 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:165 Resp: 53855
Ion Ratio Lower Upper
165 100
63 85.7 49.5 74.3#
89 74.5 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: 32.73 ng

RT: 9.58 min Scan# 686

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

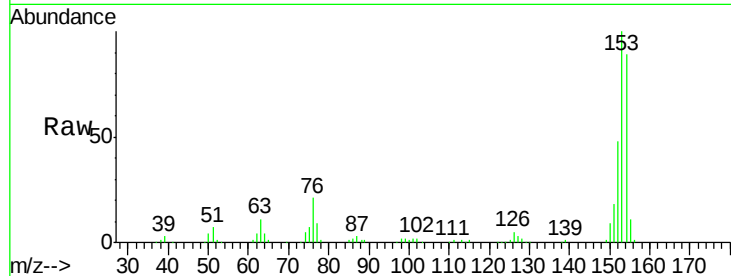
Tot Ion:154 Resp: 202652

Ion Ratio Lower Upper

154 100

153 111.8 91.4 137.2

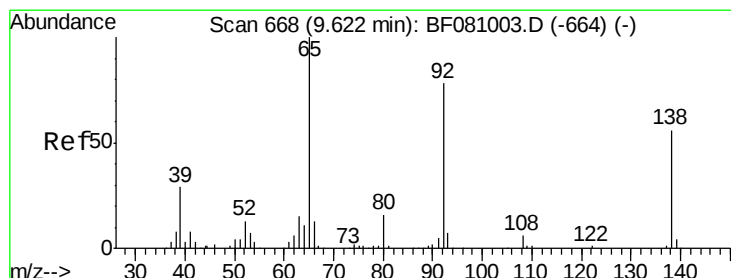
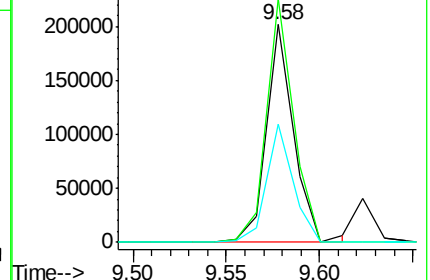
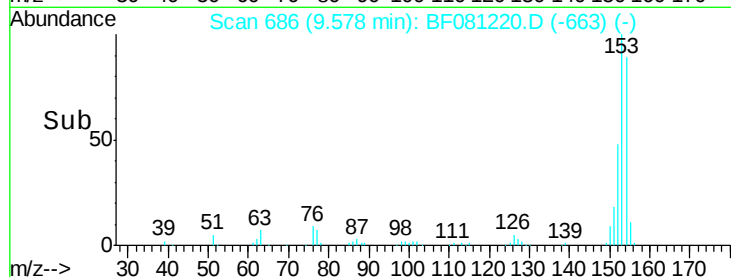
152 54.2 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.38 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

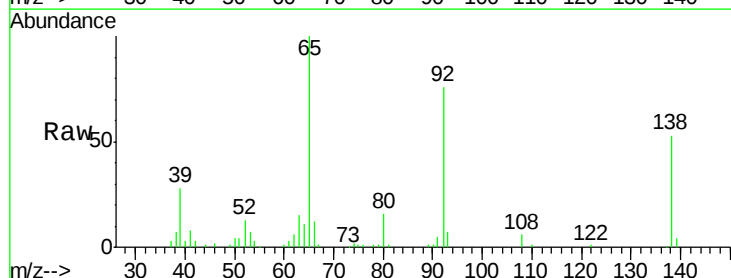
Tgt Ion:138 Resp: 38653

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.2

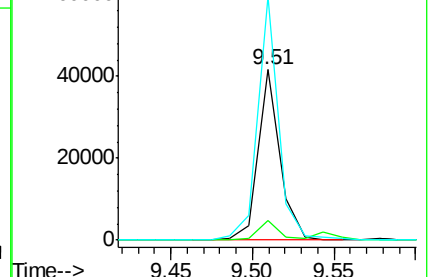
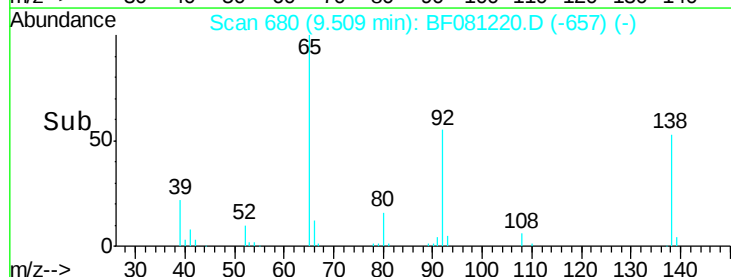
92 143.1 113.2 169.8

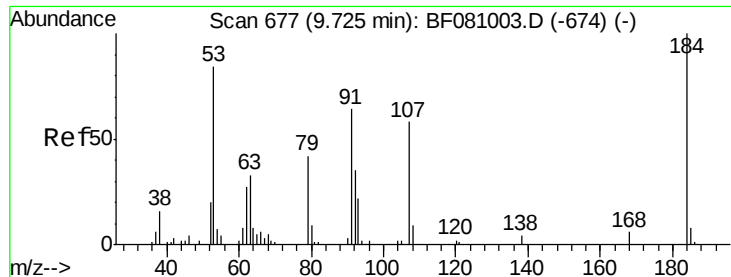


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

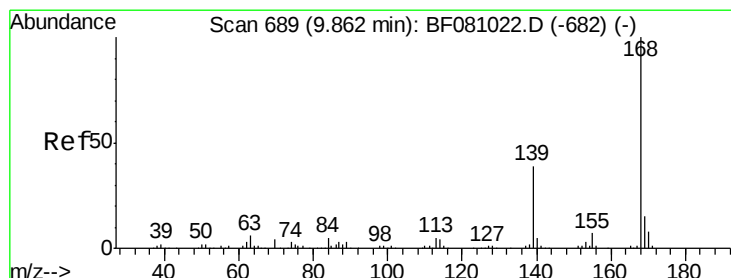
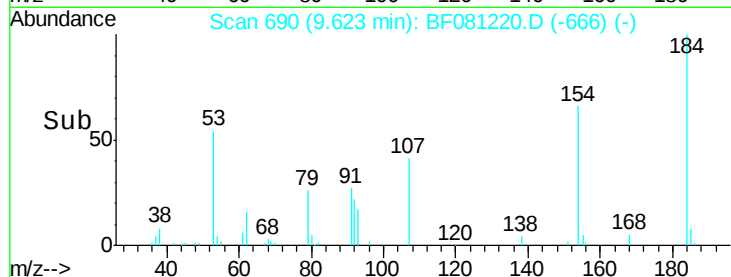
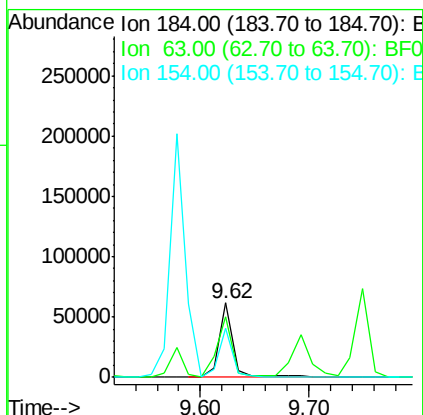
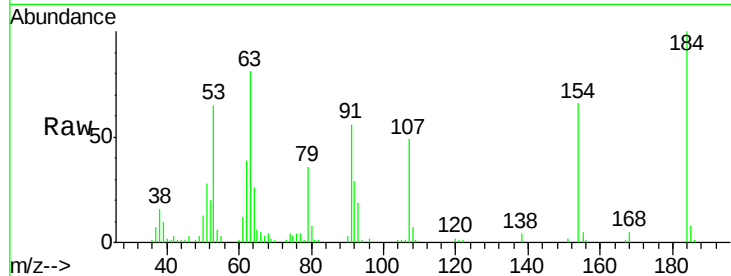




#53
 2,4-Dinitrophenol
 Concen: 71.35 ng
 RT: 9.62 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

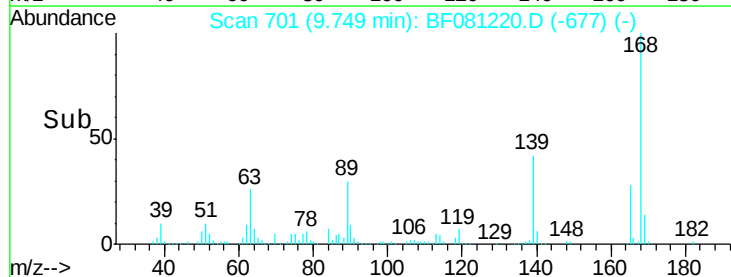
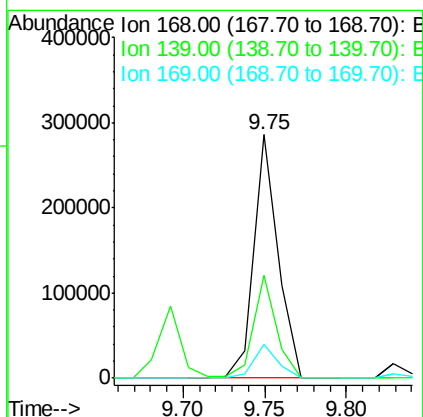
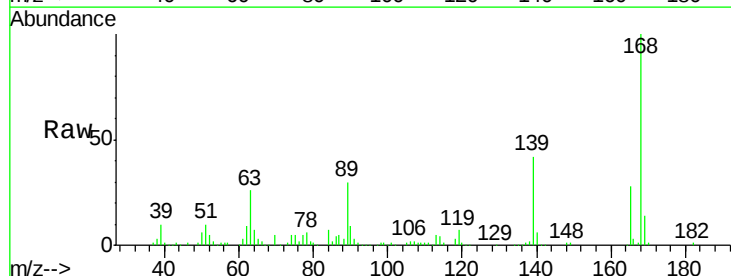
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 56085
 Ion Ratio Lower Upper
 184 100
 63 81.2 101.7 152.5#
 154 66.3 67.4 101.0#



#54
 Dibenzofuran
 Concen: 35.61 ng
 RT: 9.75 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:168 Resp: 295460
 Ion Ratio Lower Upper
 168 100
 139 42.4 29.3 43.9
 169 13.8 10.3 15.5





#55

4-Nitrophenol

Concen: 65.62 ng

RT: 9.69 min Scan# 696

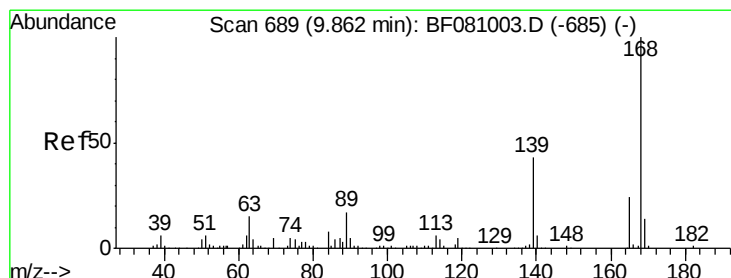
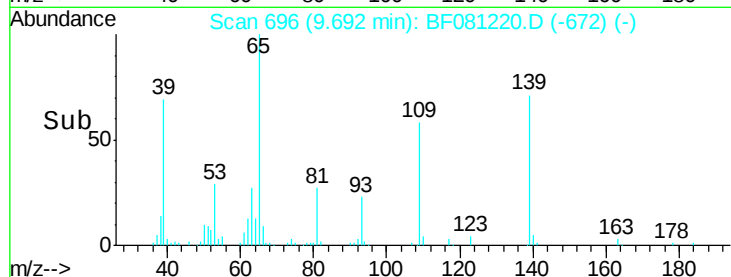
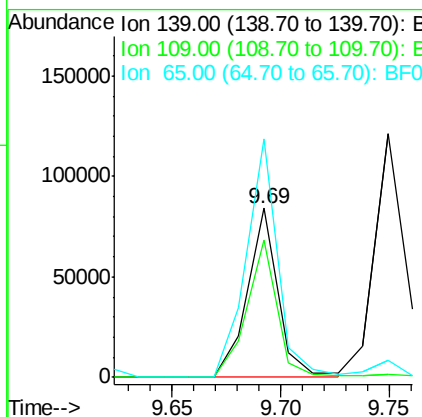
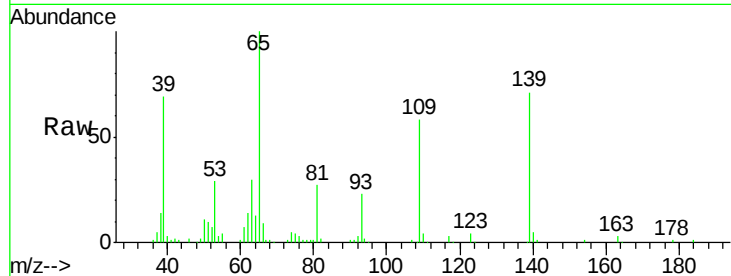
Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 83315
Ion Ratio Lower Upper
139 100
109 81.5 80.0 120.0
65 140.5 138.3 178.3



#56

2,4-Dinitrotoluene

Concen: 36.25 ng

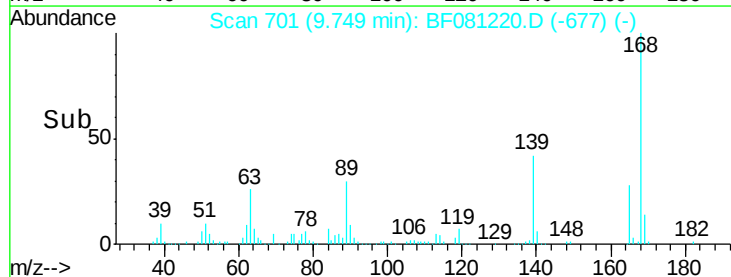
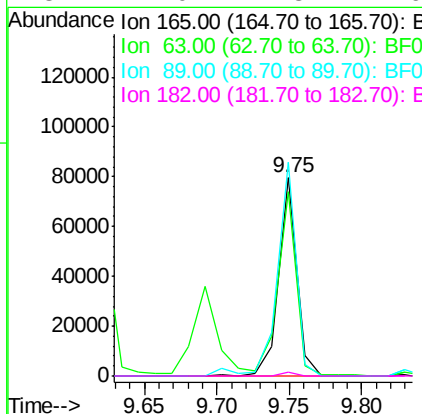
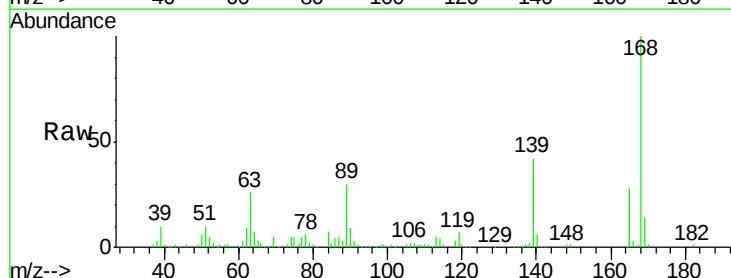
RT: 9.75 min Scan# 701

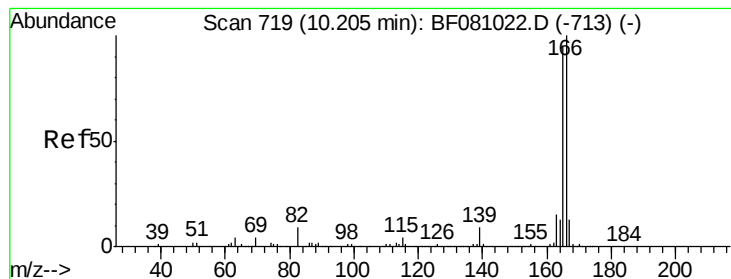
Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Tgt Ion:165 Resp: 69409
Ion Ratio Lower Upper
165 100
63 92.9 52.2 78.4#
89 107.8 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 38.97 ng

RT: 10.09 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

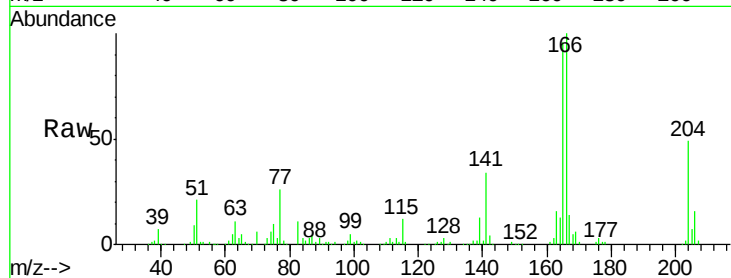
Tot Ion:166 Resp: 248747

Ion Ratio Lower Upper

166 100

165 95.8 75.8 113.8

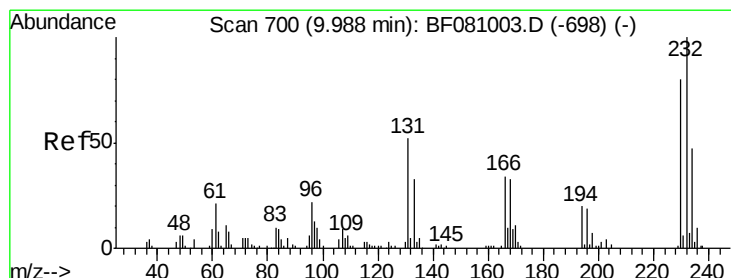
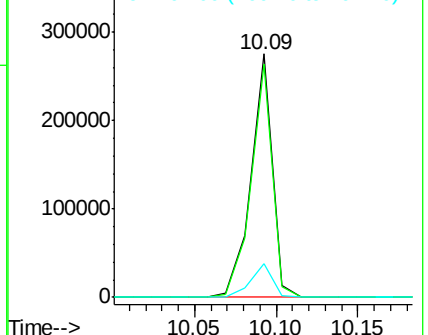
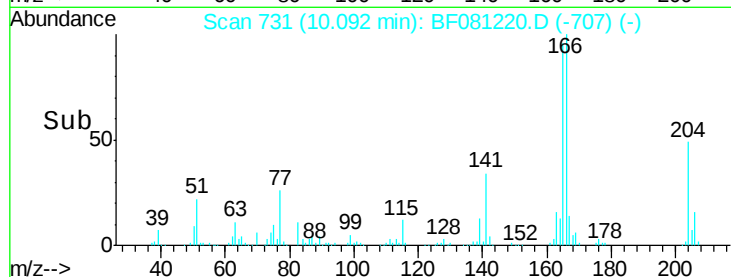
167 13.7 11.3 16.9



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: 37.59 ng

RT: 9.83 min Scan# 708

Delta R.T. -0.07 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Tgt Ion:232 Resp: 54150

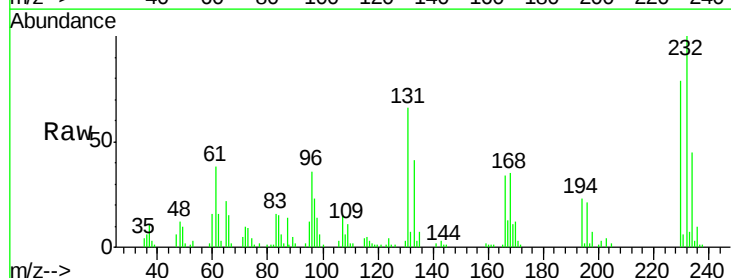
Ion Ratio Lower Upper

232 100

131 52.0 42.2 63.4

130 2.6 2.1 3.1

166 28.7 22.4 33.6

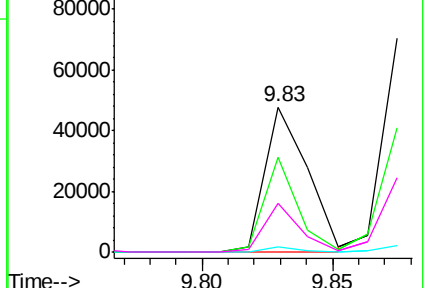
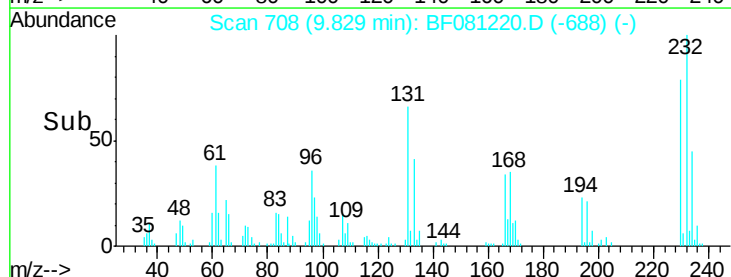


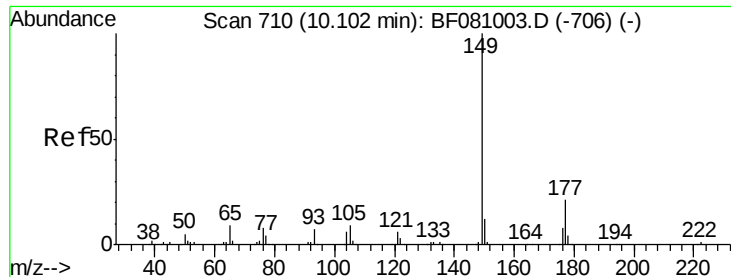
Abundance Ion 232.00 (231.70 to 232.70): E

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

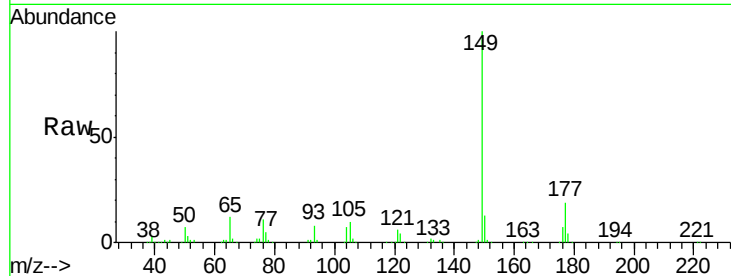




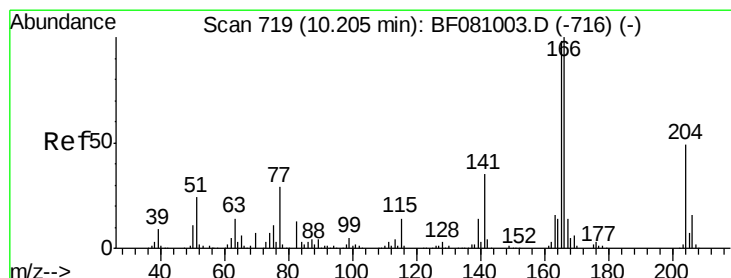
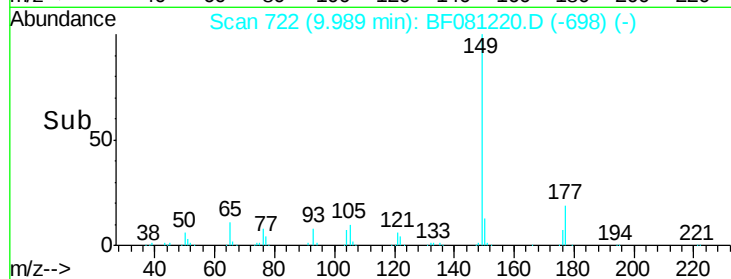
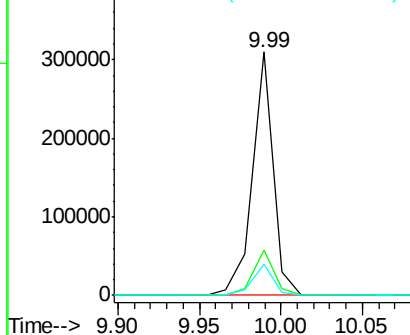
#59
Diethylphthalate
Concen: 38.55 ng
RT: 9.99 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 274586
Ion Ratio Lower Upper
149 100
177 18.8 14.1 21.1
150 12.7 10.3 15.5

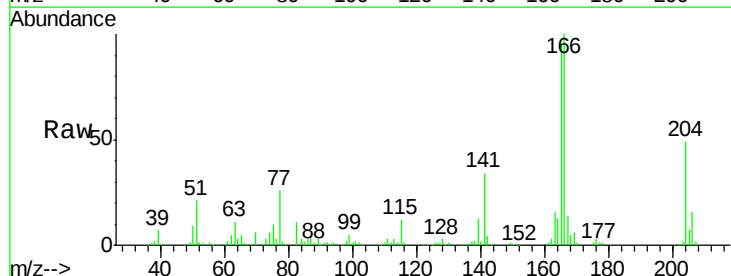


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

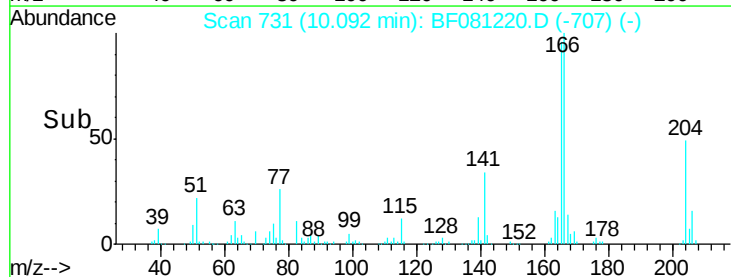
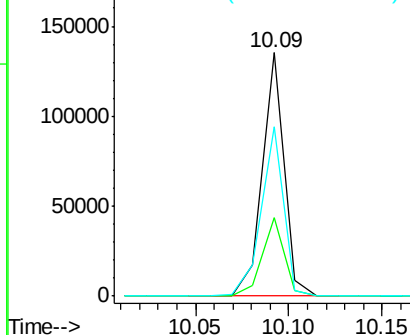


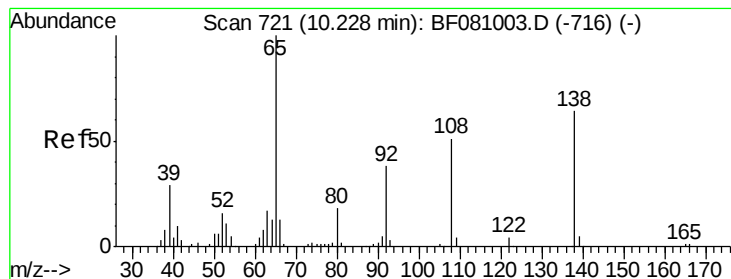
#60
4-Chlorophenyl-phenylether
Concen: 41.22 ng
RT: 10.09 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:204 Resp: 111329
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 69.6 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: 40.82 ng

RT: 10.13 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

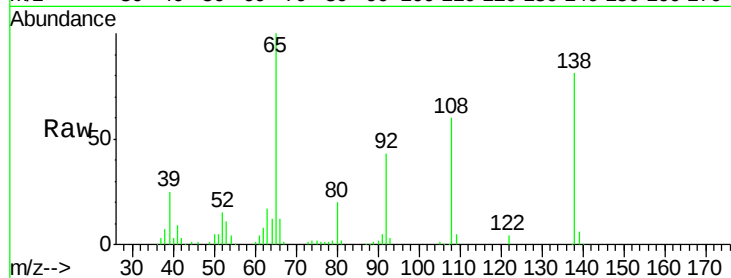
Tot Ion:138 Resp: 75433

Ion Ratio Lower Upper

138 100

92 52.9 34.7 74.7

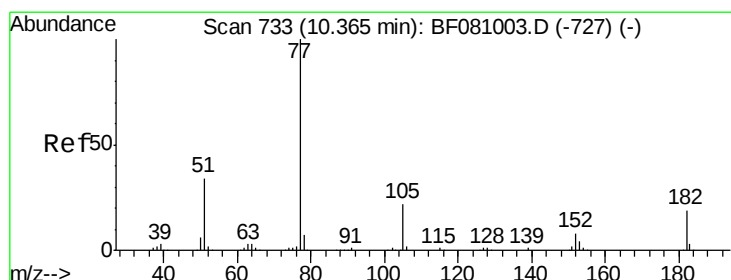
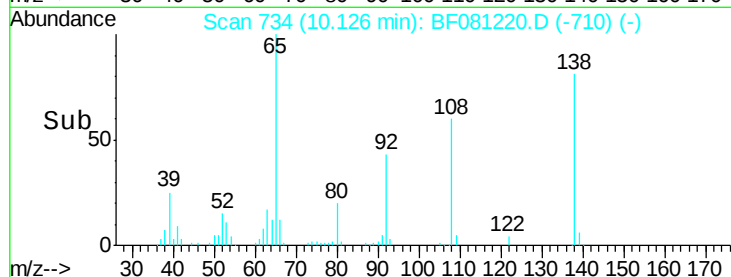
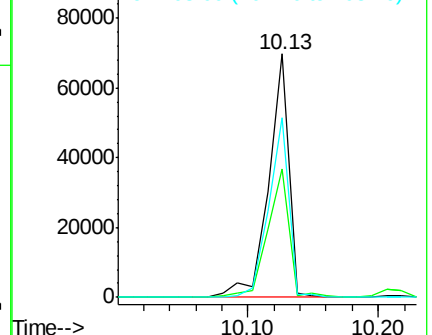
108 73.7 68.9 108.9



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: 41.39 ng

RT: 10.25 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Tgt Ion: 77 Resp: 339660

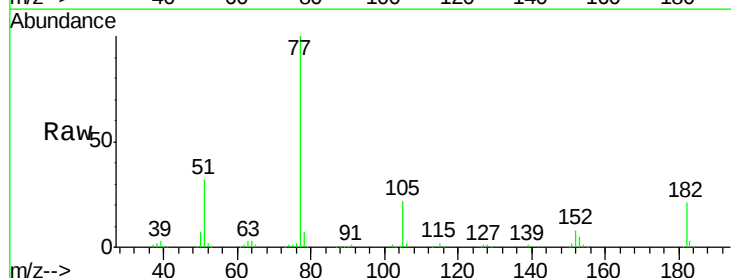
Ion Ratio Lower Upper

77 100

182 21.1 0.0 39.0

105 22.4 0.2 40.2

51 32.4 18.0 58.0

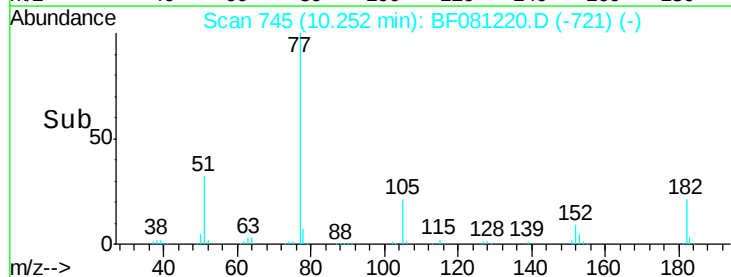
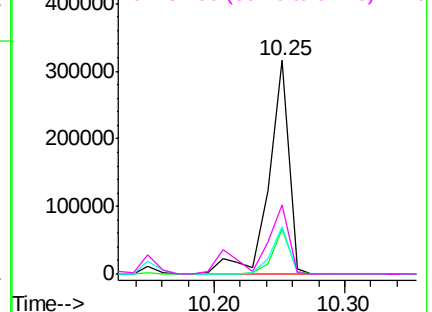


Abundance Ion 77.00 (76.70 to 77.70): BF0

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

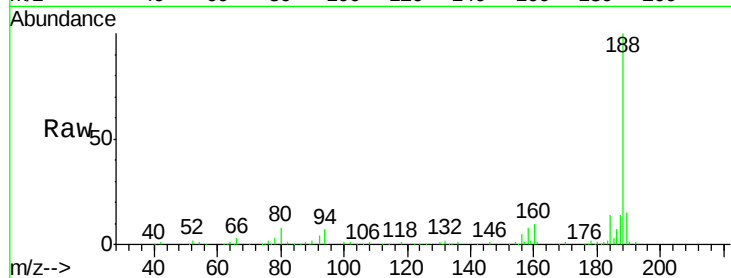




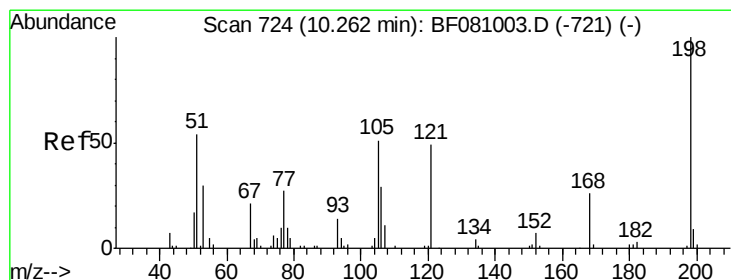
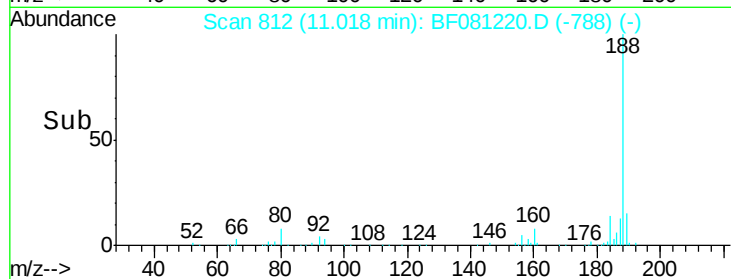
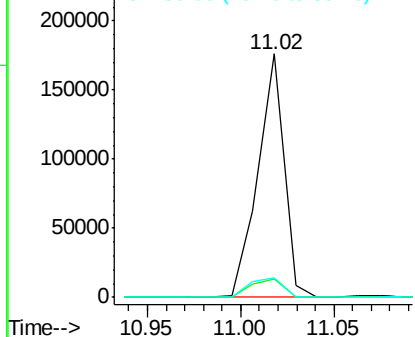
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 170721
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.2 12.2#
 80 8.1 9.5 14.3#

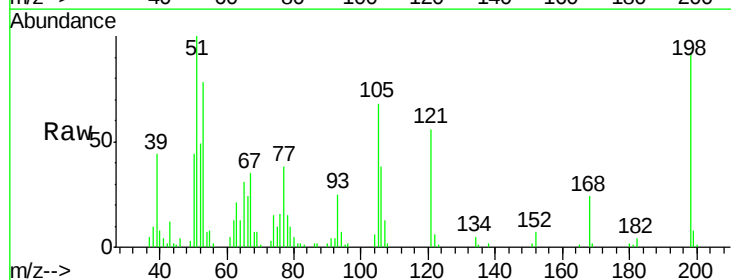


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

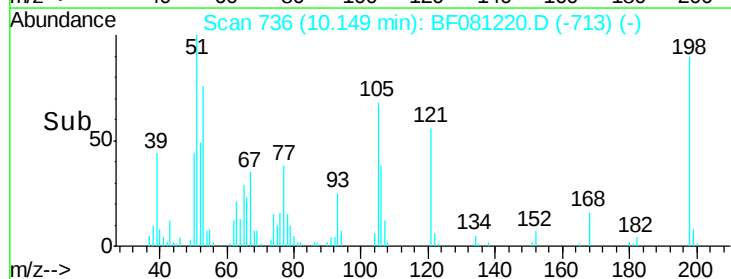
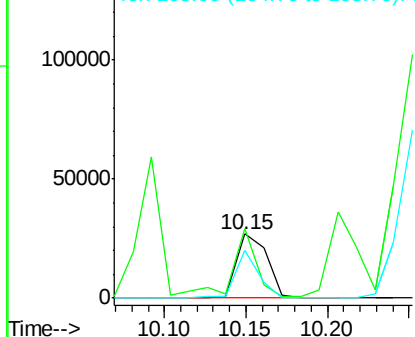


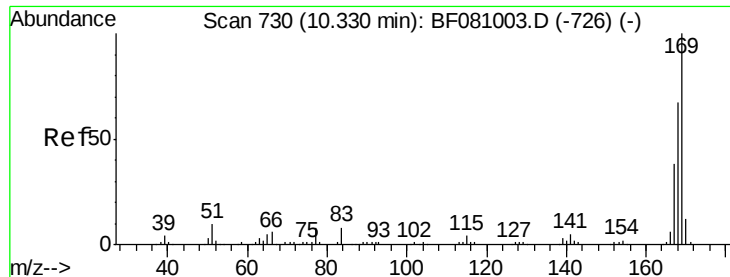
#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.86 ng
 RT: 10.15 min Scan# 736
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:198 Resp: 34517
 Ion Ratio Lower Upper
 198 100
 51 108.6 79.7 119.7
 105 73.9 47.0 87.0



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

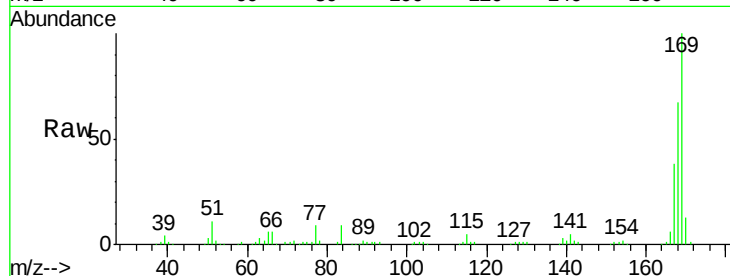




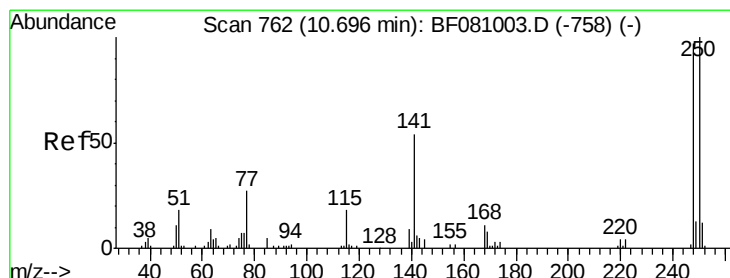
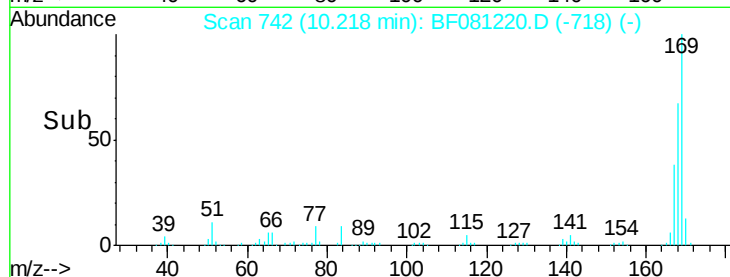
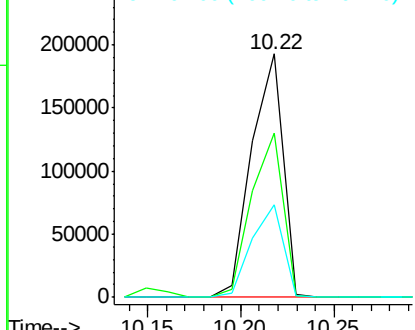
#65
 n-Nitrosodiphenylamine
 Concen: 37.14 ng
 RT: 10.22 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 226327
 Ion Ratio Lower Upper
 169 100
 168 67.5 55.3 82.9
 167 37.9 30.8 46.2

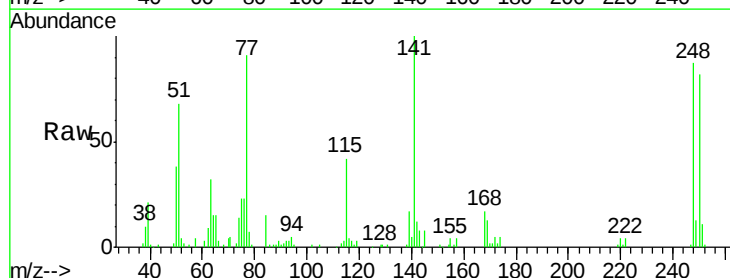


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

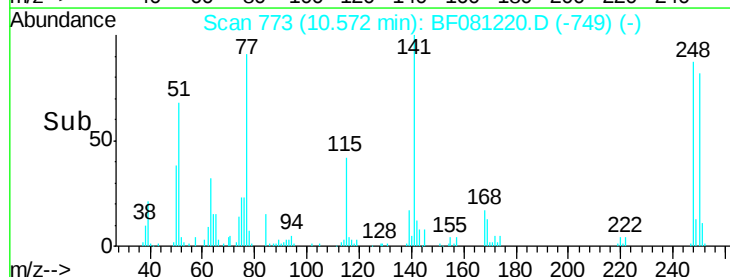
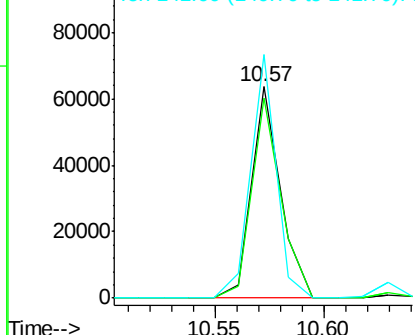


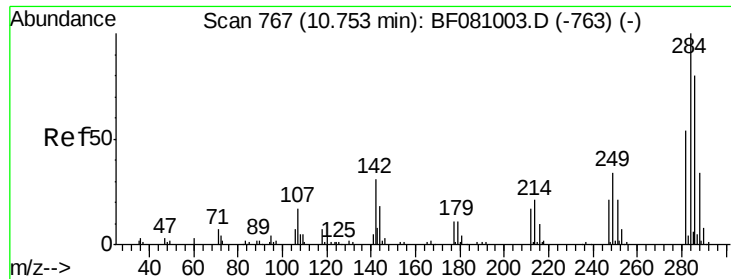
#66
 4-Bromophenyl-phenylether
 Concen: 34.98 ng
 RT: 10.57 min Scan# 773
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:248 Resp: 58673
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.8 116.6
 141 115.1 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: 36.76 ng

RT: 10.63 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampled :

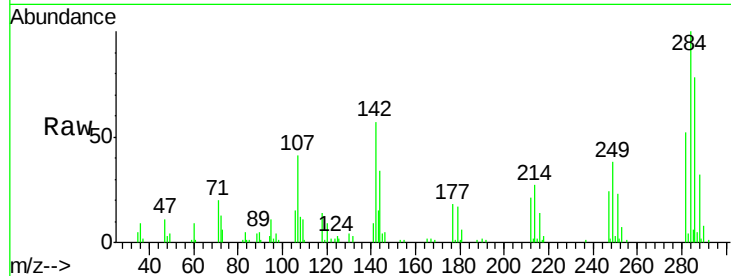
Tot Ion:284 Resp: 62444

Ion Ratio Lower Upper

284 100

142 56.7 25.4 38.0#

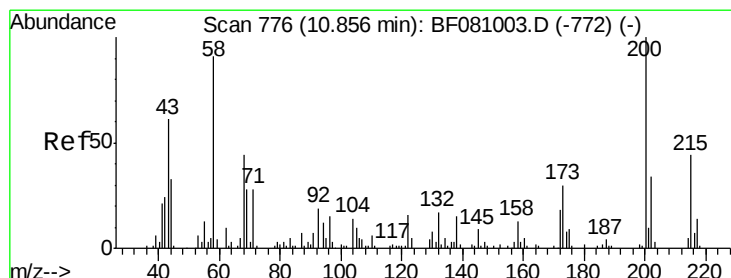
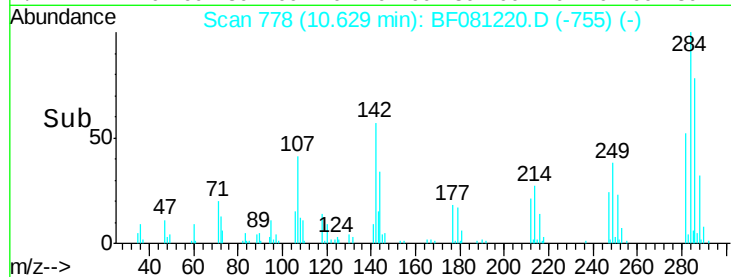
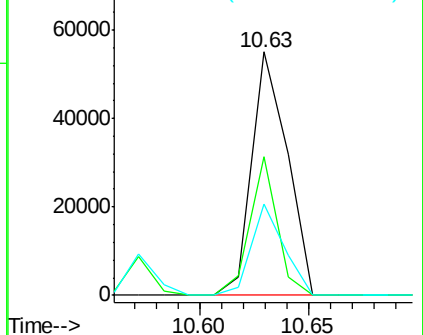
249 37.5 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.52 ng

RT: 10.74 min Scan# 788

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

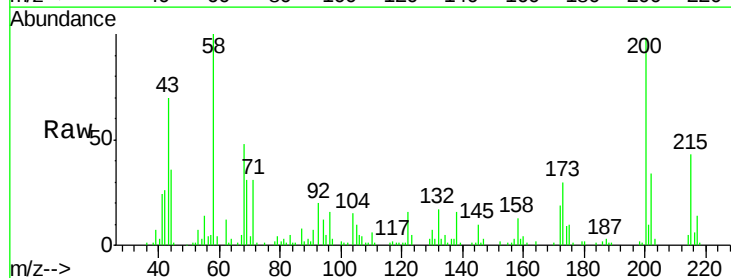
Tgt Ion:200 Resp: 60309

Ion Ratio Lower Upper

200 100

173 30.7 8.1 48.1

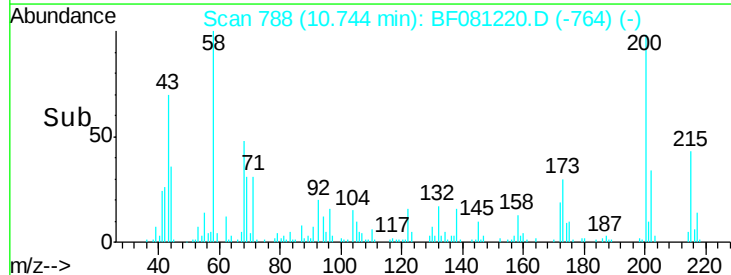
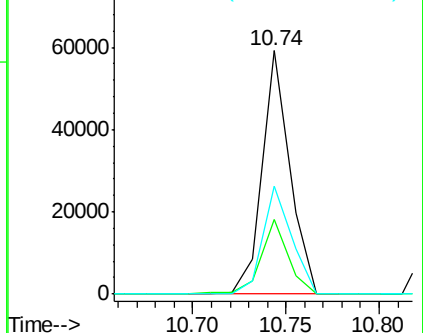
215 44.1 23.3 63.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

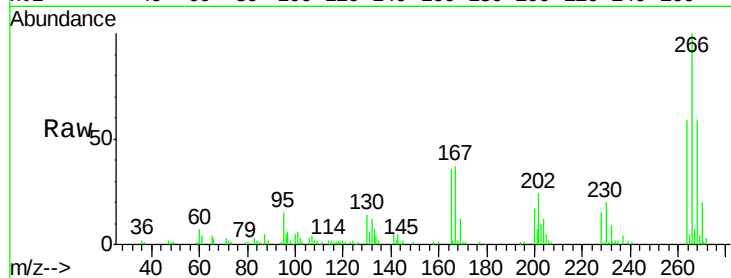




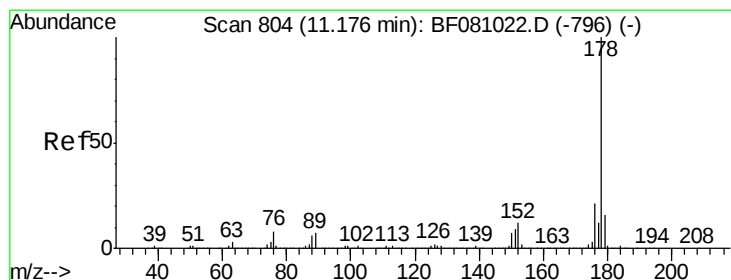
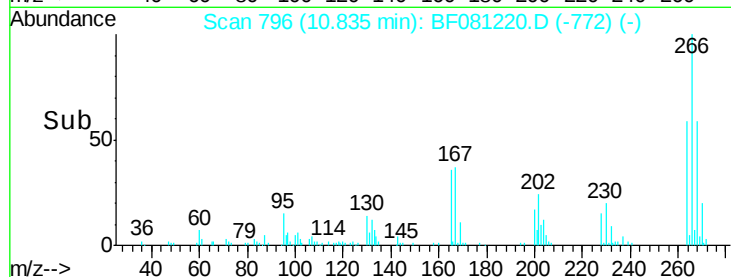
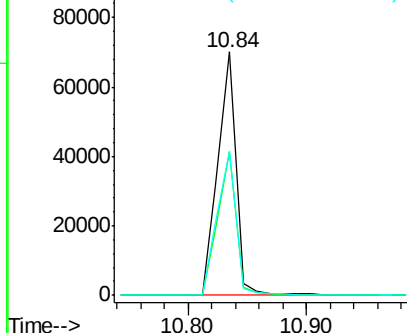
#69
 Pentachlorophenol
 Concen: 73.14 ng
 RT: 10.84 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 74538
 Ion Ratio Lower Upper
 266 100
 268 59.0 51.2 76.8
 264 58.9 50.6 75.8

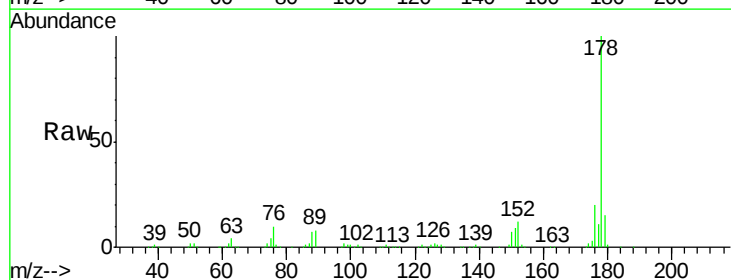


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

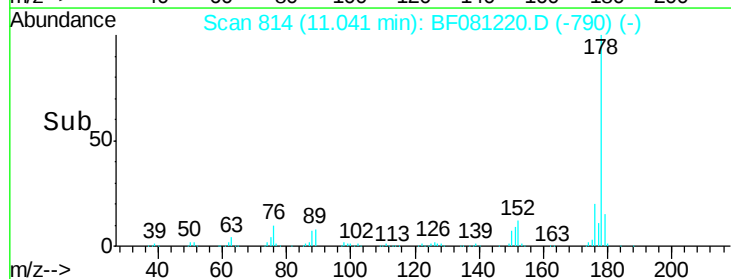
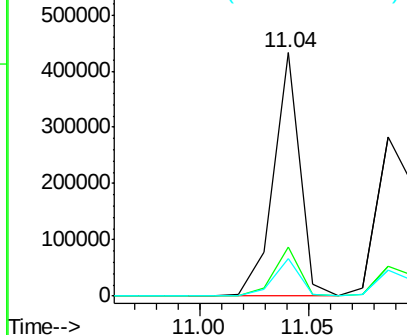


#70
 Phenanthrene
 Concen: 36.29 ng
 RT: 11.04 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:178 Resp: 367129
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 15.4 12.2 18.2



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





#71

Anthracene

Concen: 34.89 ng

RT: 11.09 min Scan# 818

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

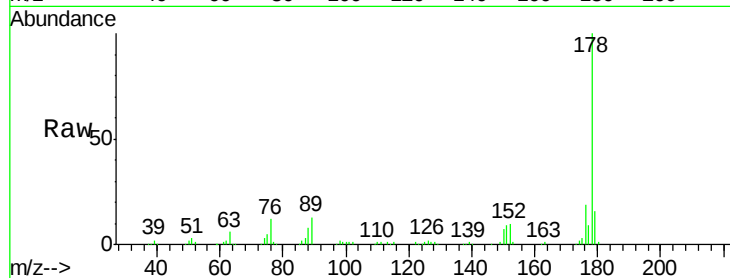
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 343460

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	16.0	12.7	19.1

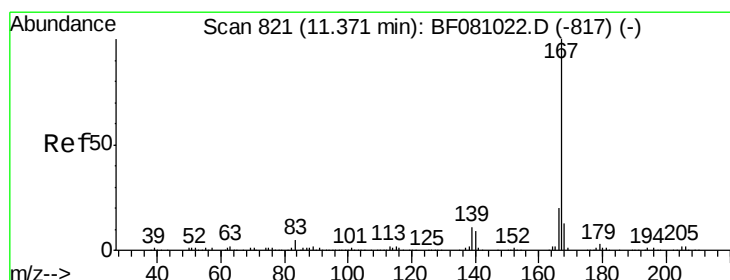
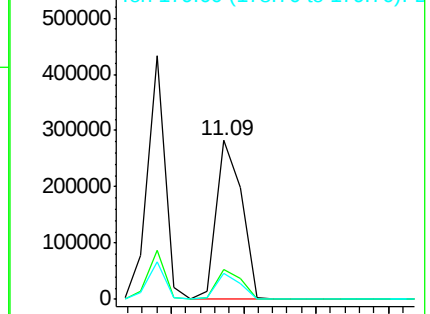
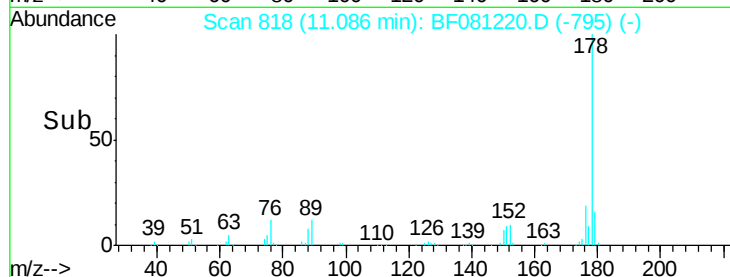


Abundance

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: 36.20 ng

RT: 11.25 min Scan# 832

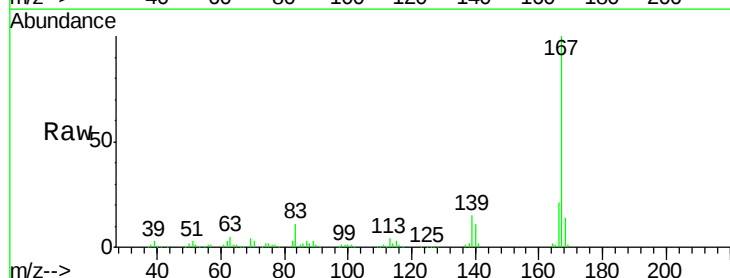
Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Tgt Ion:167 Resp: 343183

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	14.8	10.6	16.0

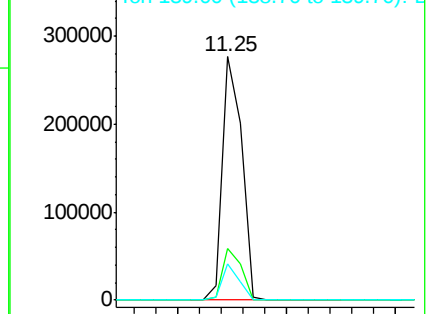
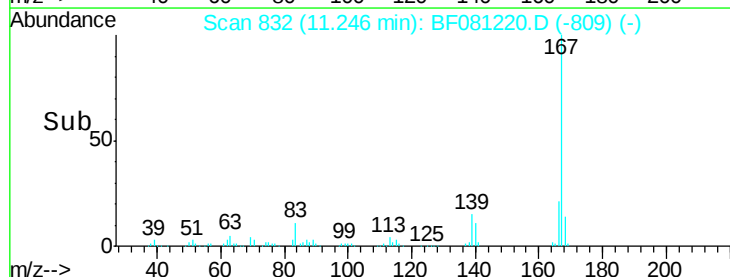


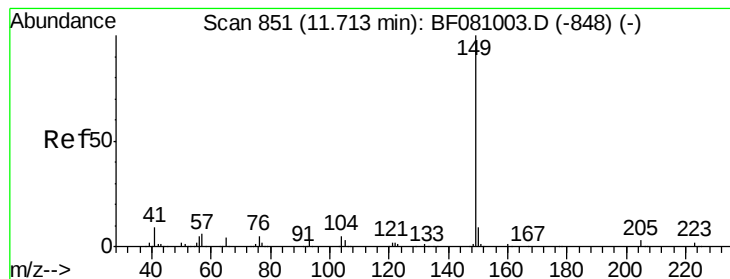
Abundance

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: 39.28 ng

RT: 11.60 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

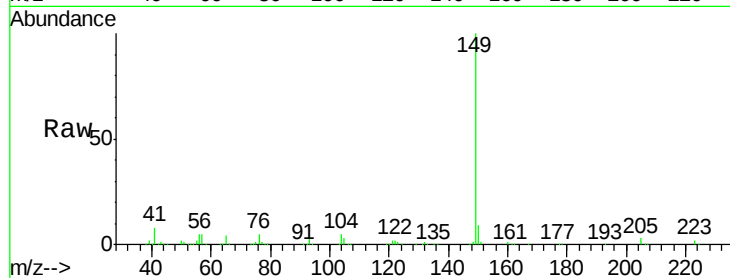
Tot Ion:149 Resp: 450496

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

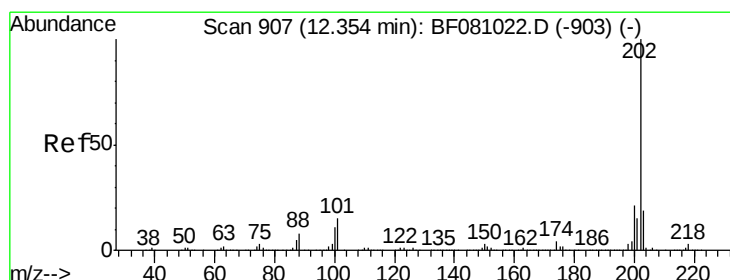
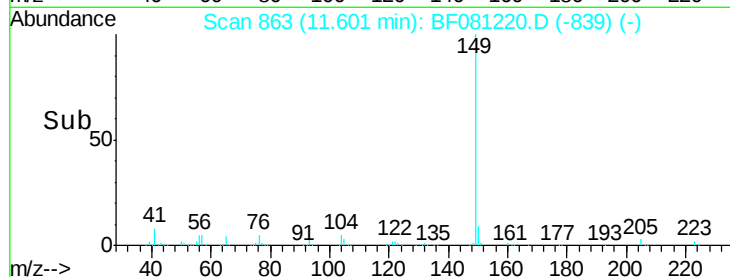
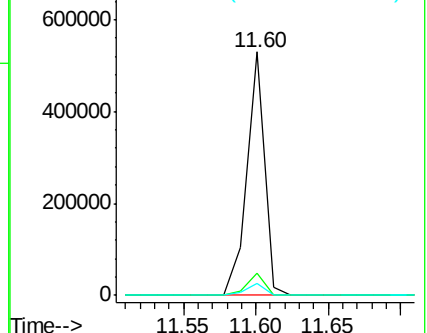
104 4.8 3.9 5.9



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: 39.06 ng

RT: 12.22 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

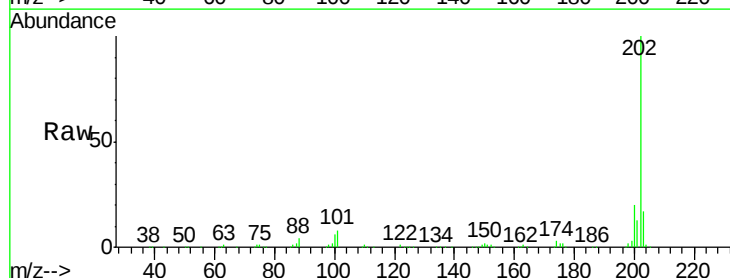
Tgt Ion:202 Resp: 426473

Ion Ratio Lower Upper

202 100

101 7.6 0.0 24.8

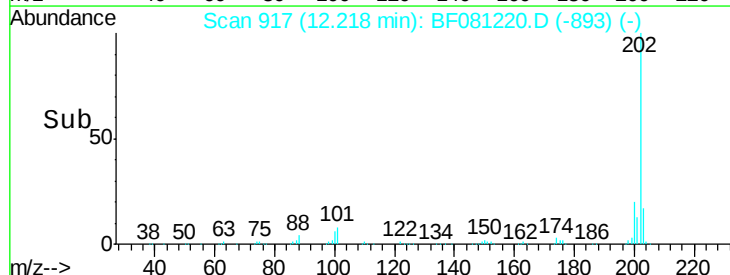
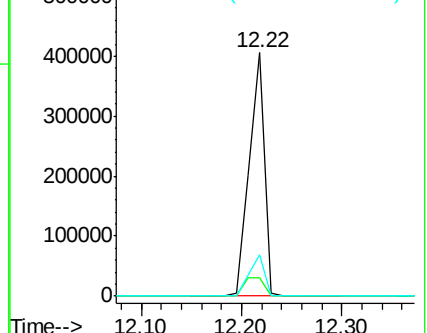
203 17.0 0.0 36.9



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: 13.64 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

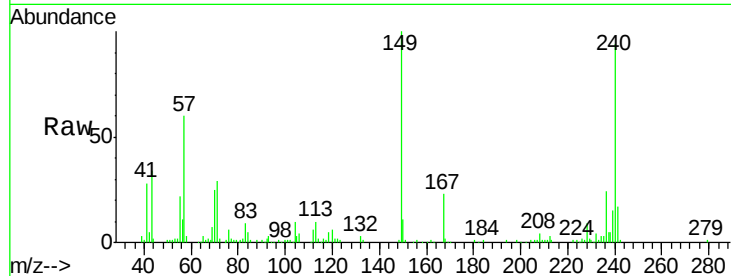
Tot Ion:240 Resp: 128101

Ion Ratio Lower Upper

240 100

120 5.9 5.6 8.4

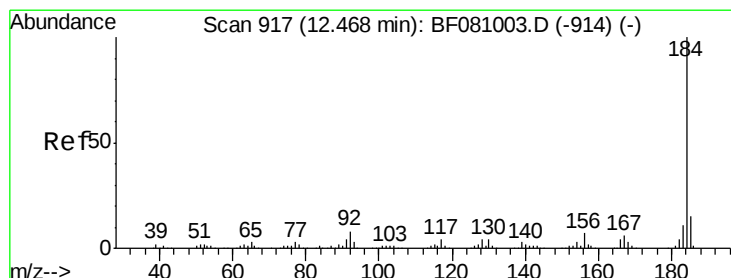
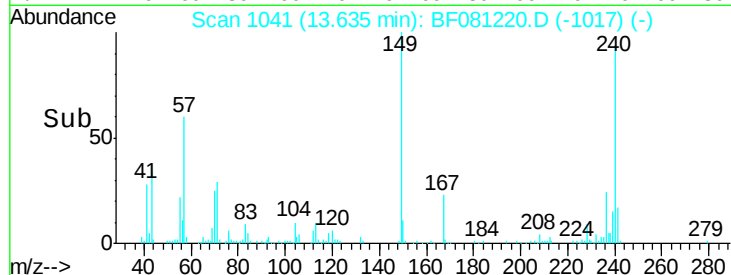
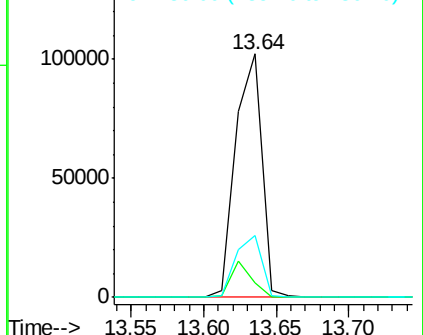
236 25.2 20.6 30.8



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: 35.61 ng

RT: 12.34 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

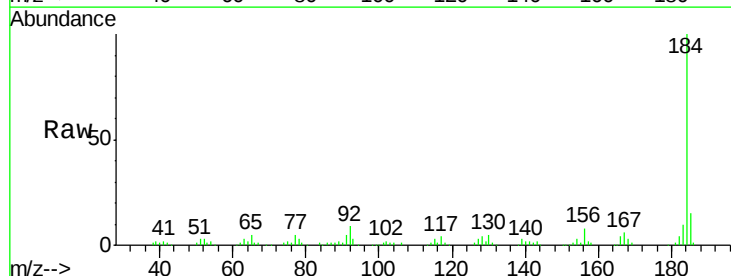
Tgt Ion:184 Resp: 172315

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

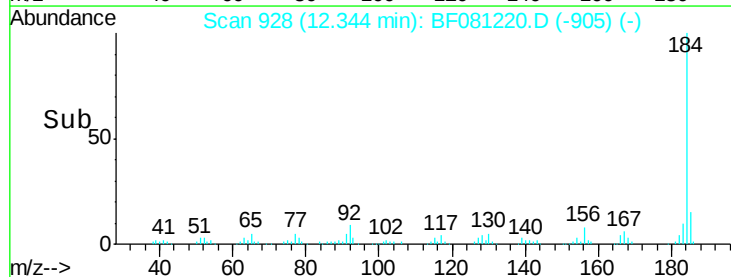
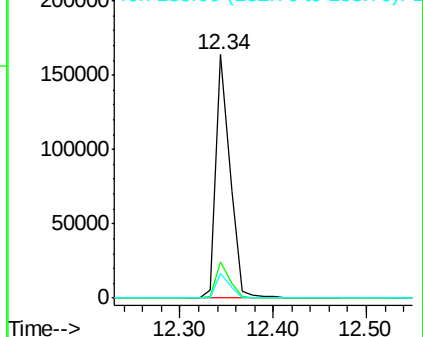
183 10.4 8.9 13.3

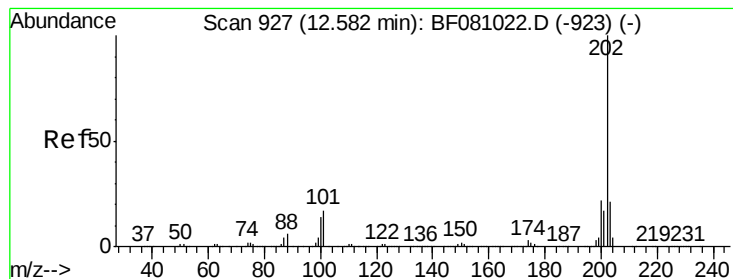


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.22 ng

RT: 12.44 min Scan# 936

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

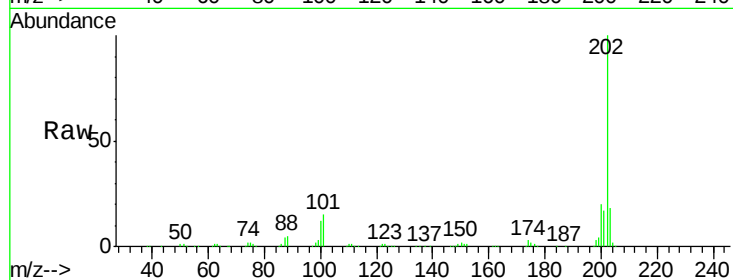
Tot Ion:202 Resp: 387608

Ion Ratio Lower Upper

202 100

200 19.7 16.6 24.8

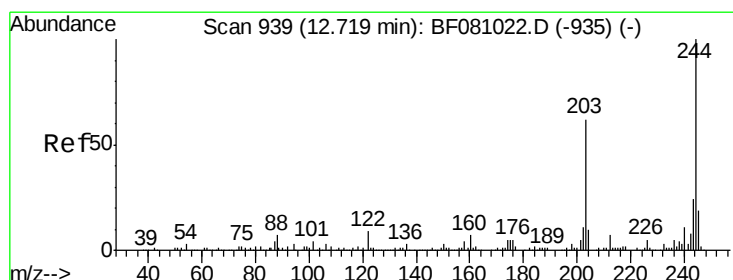
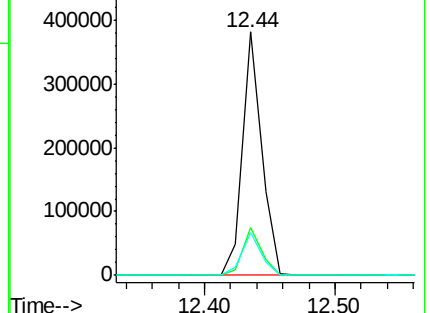
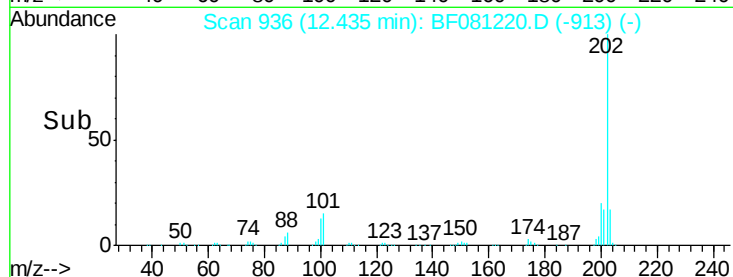
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.63 ng

RT: 12.60 min Scan# 950

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

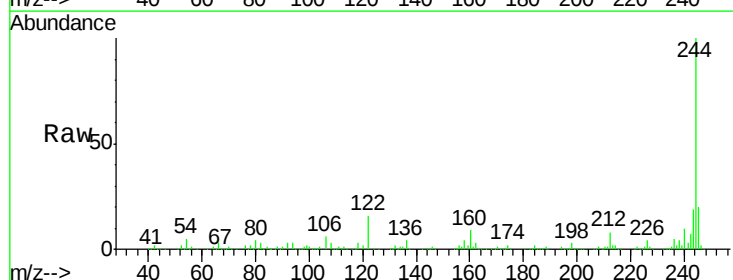
Tgt Ion:244 Resp: 422053

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

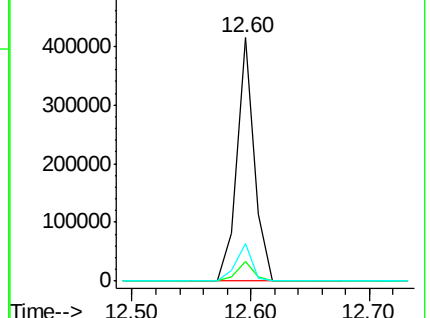
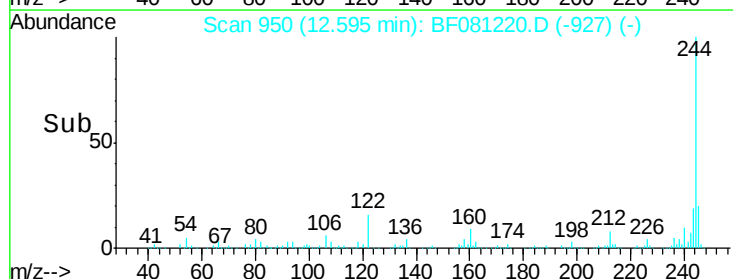
122 15.6 8.2 12.4#

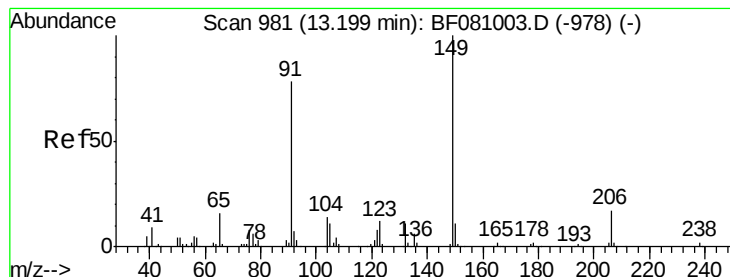


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.80 ng

RT: 13.08 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

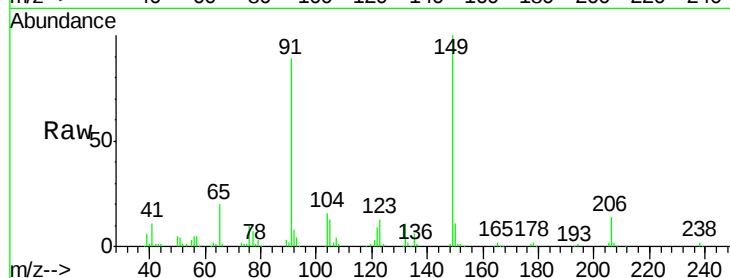
Tot Ion:149 Resp: 178142

Ion Ratio Lower Upper

149 100

91 89.3 46.9 70.3#

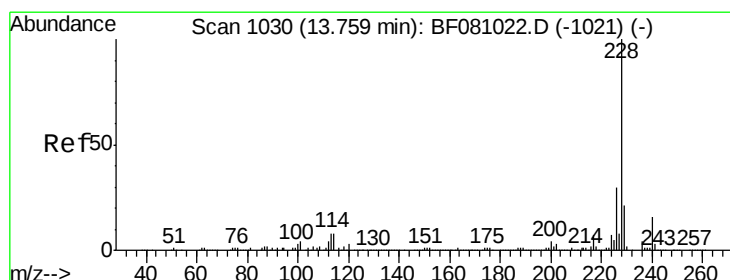
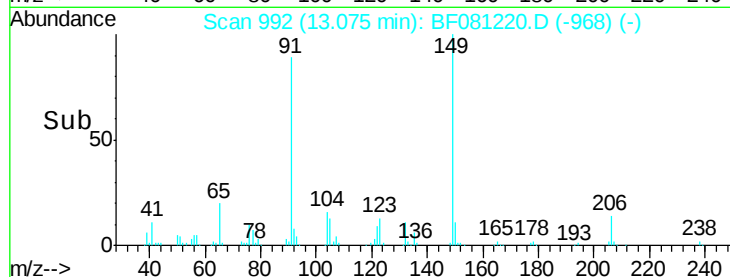
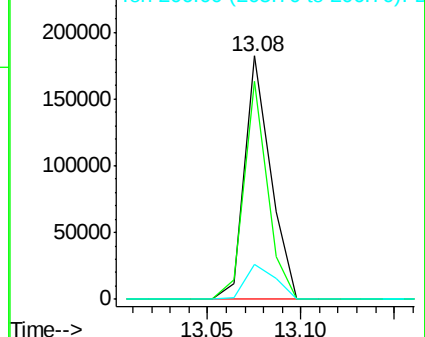
206 14.4 17.0 25.4#



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: 41.31 ng

RT: 13.62 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

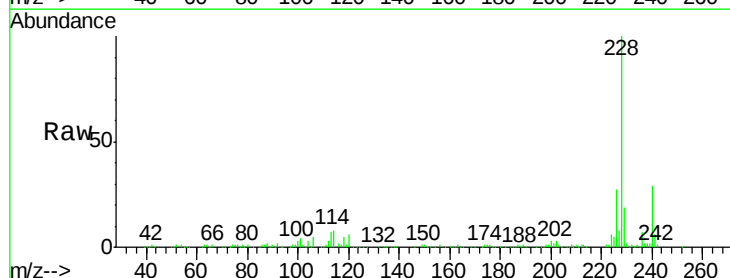
Tgt Ion:228 Resp: 354897

Ion Ratio Lower Upper

228 100

226 26.6 22.3 33.5

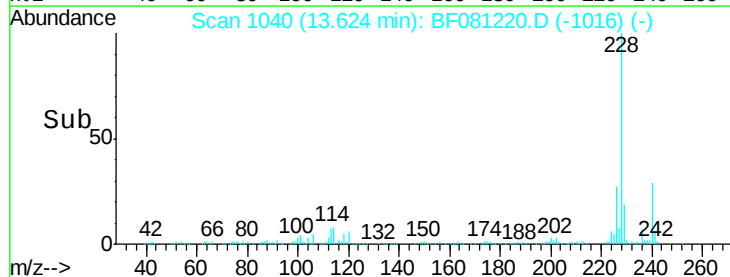
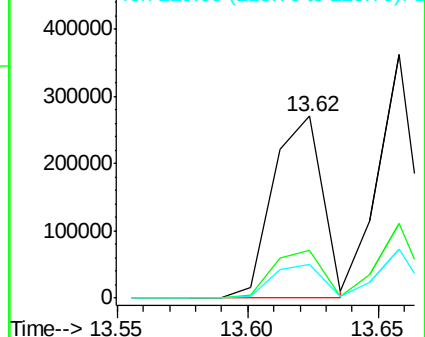
229 18.8 15.9 23.9



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

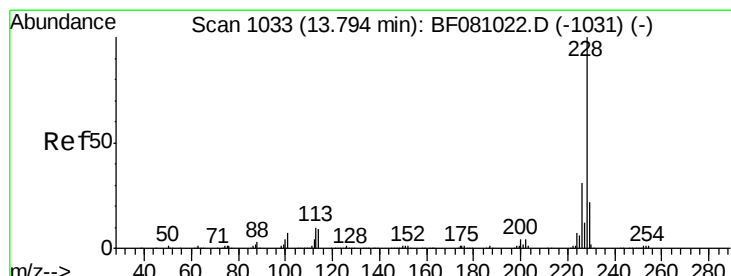
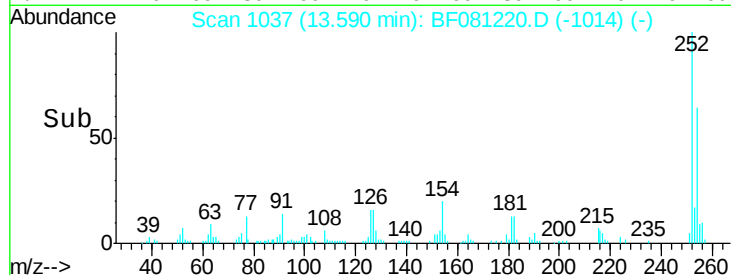
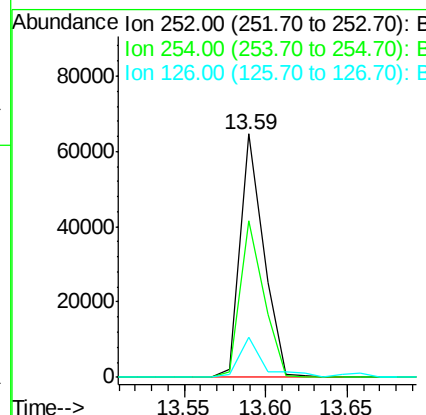
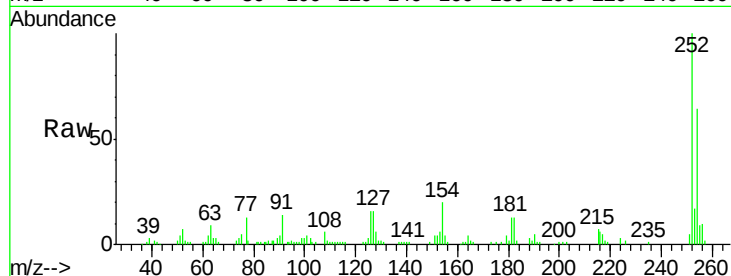




#81
 3,3'-Dichlorobenzidine
 Concen: 22.95 ng
 RT: 13.59 min Scan# 1037
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

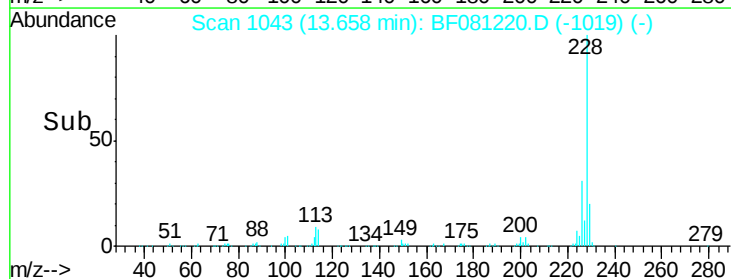
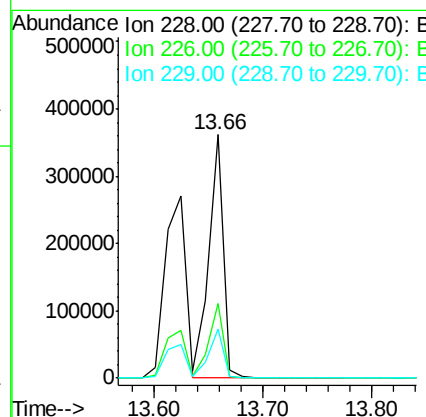
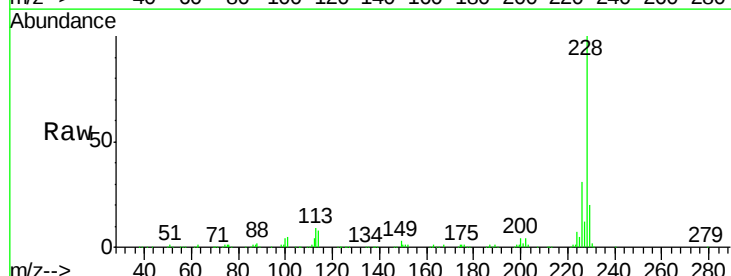
Instrument :
 BNA_F
 ClientSampled :

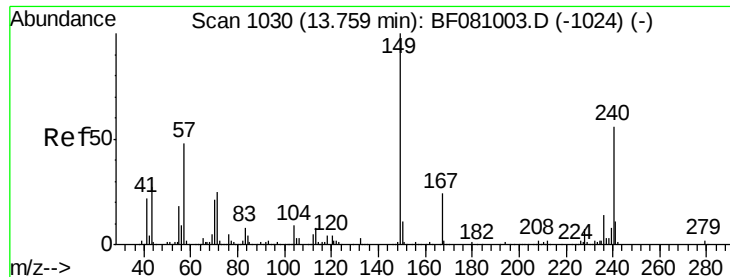
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	16.4	12.5	18.7



#82
 Chrysene
 Concen: 43.80 ng
 RT: 13.66 min Scan# 1043
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.2	16.0	24.0

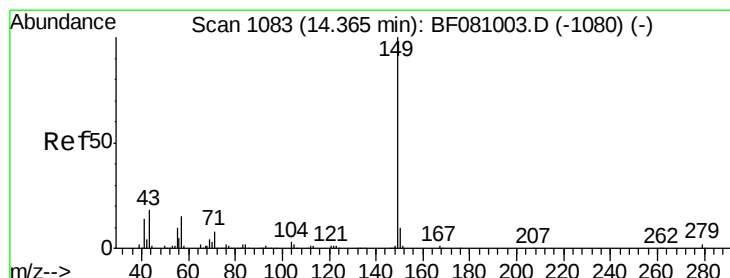
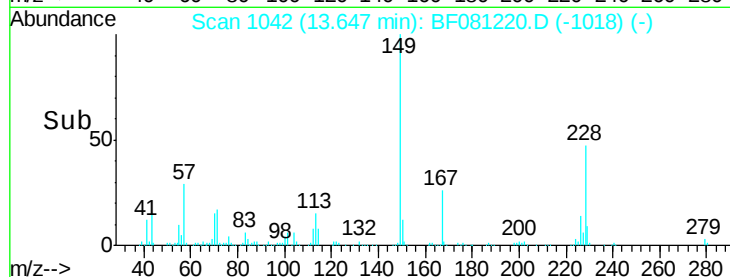
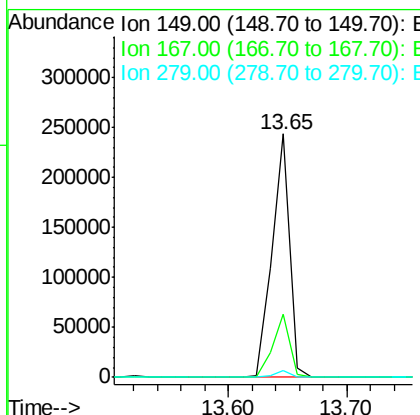
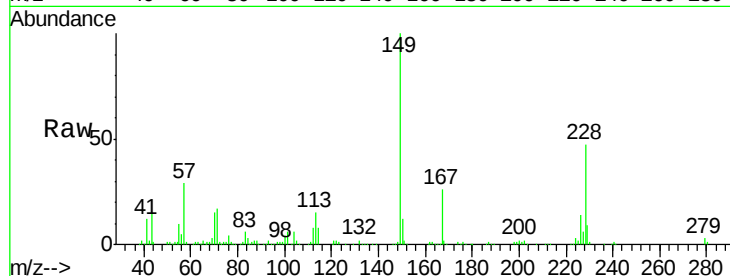




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.74 ng
 RT: 13.65 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

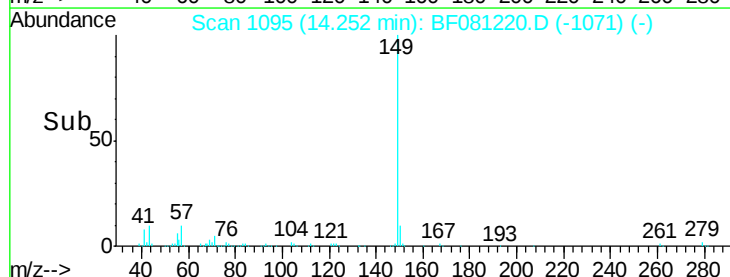
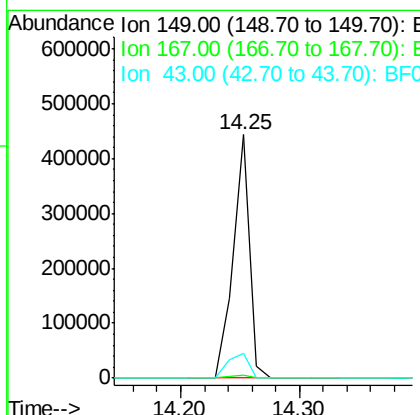
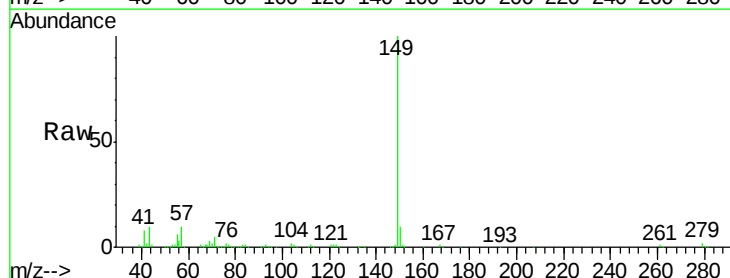
Instrument :
 BNA_F
 ClientSampleId :

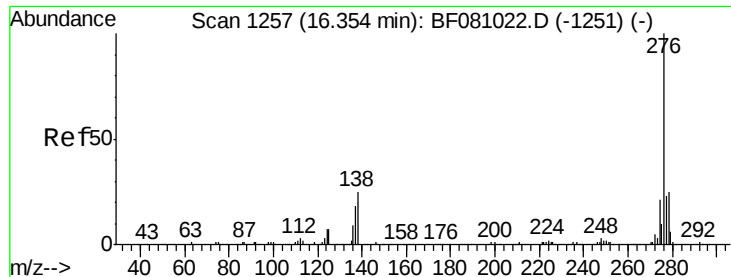
Tot Ion:149 Resp: 250784
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.7 31.1
 279 2.6 2.2 3.4



#84
 Di-n-octyl phthalate
 Concen: 48.35 ng
 RT: 14.25 min Scan# 1095
 Delta R.T. -0.02 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion:149 Resp: 421376
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 13.0 11.6 17.4

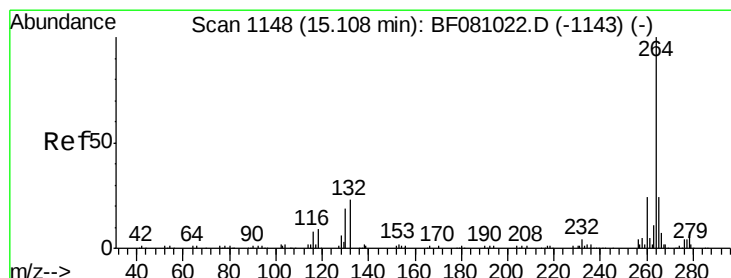
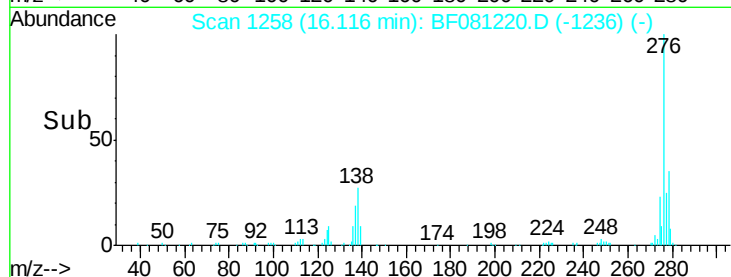
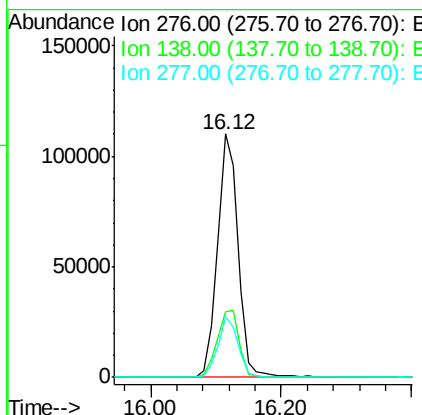
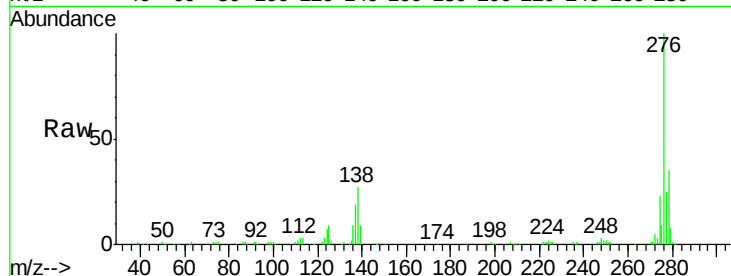




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.14 ng
 RT: 16.12 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

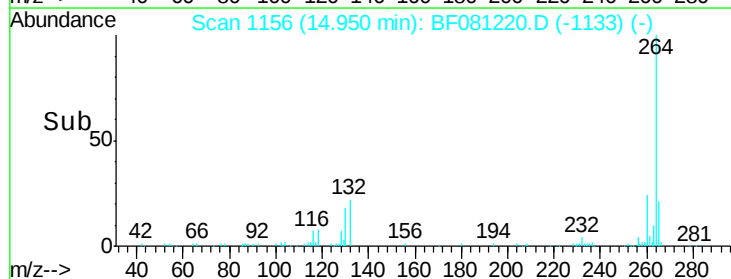
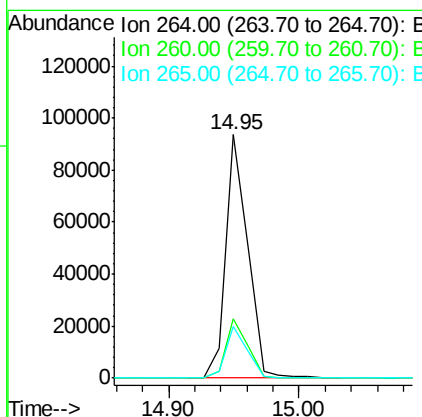
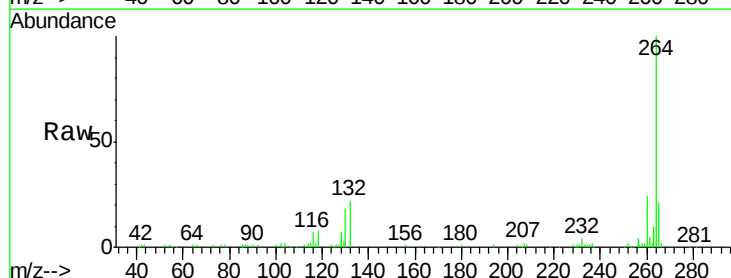
Instrument :
 BNA_F
 ClientSampled :

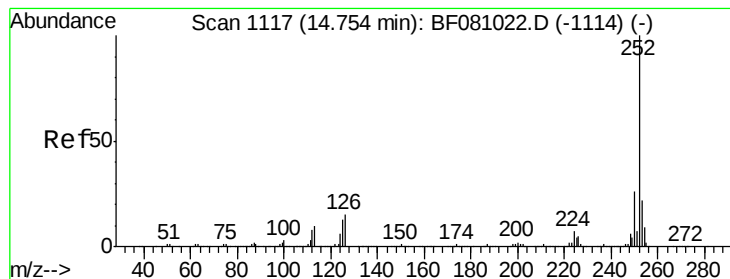
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	18.6	28.0#
277	24.3	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1156
 Delta R.T. -0.04 min
 Lab File: BF081220.D
 Acq: 26 Aug 2015 19:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 73.48 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.04 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

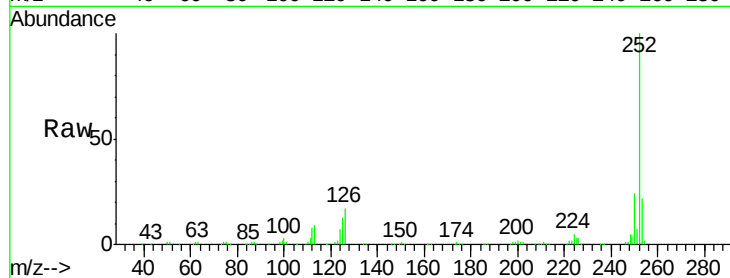
Tot Ion:252 Resp: 565159

Ion Ratio Lower Upper

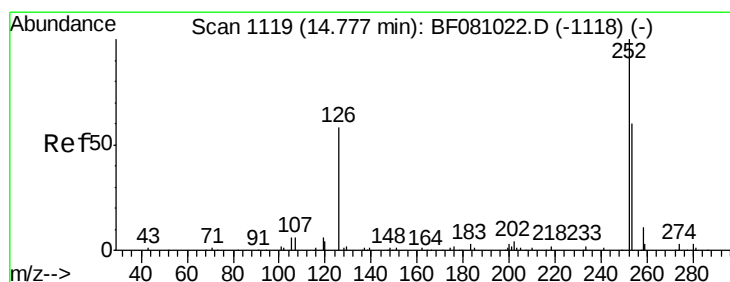
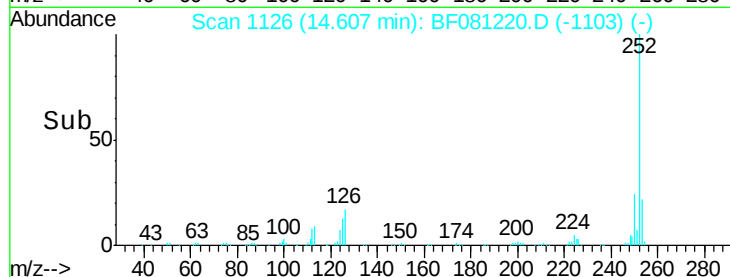
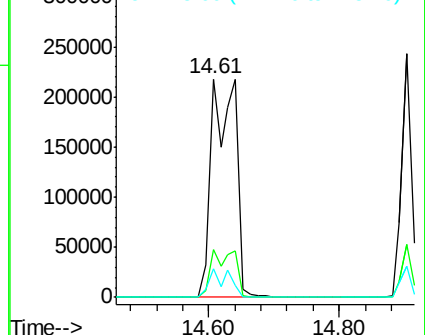
252 100

253 21.8 17.1 25.7

125 13.4 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: 78.86 ng

RT: 14.61 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

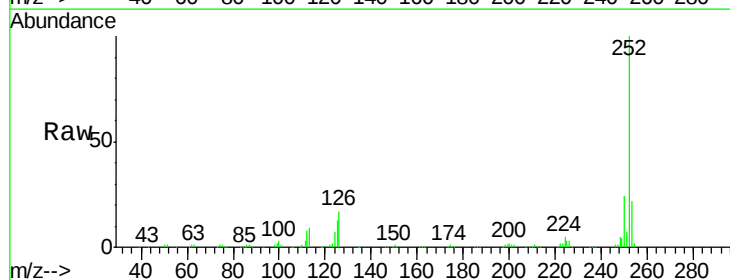
Tgt Ion:252 Resp: 565159

Ion Ratio Lower Upper

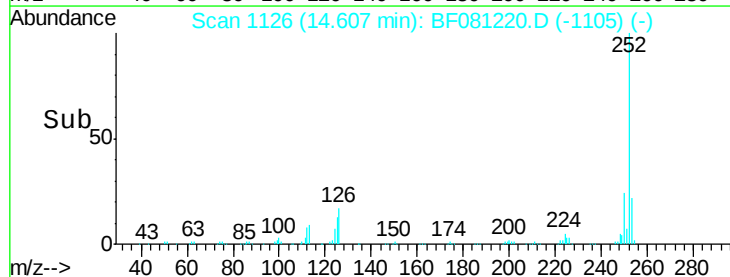
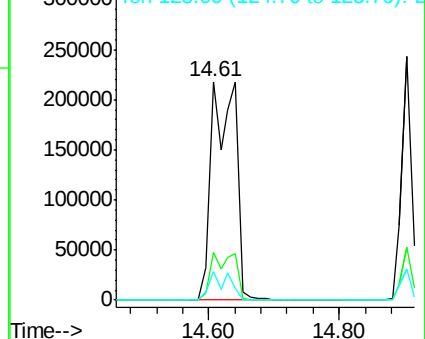
252 100

253 21.8 17.6 26.4

125 13.4 10.3 15.5



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

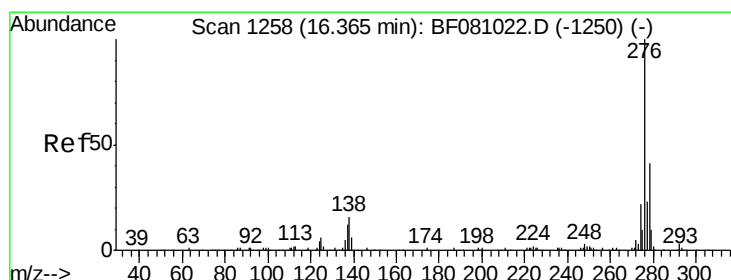
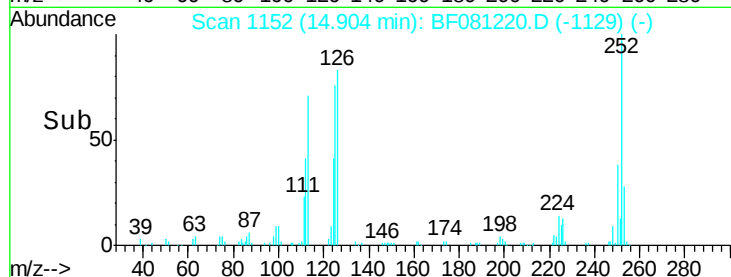
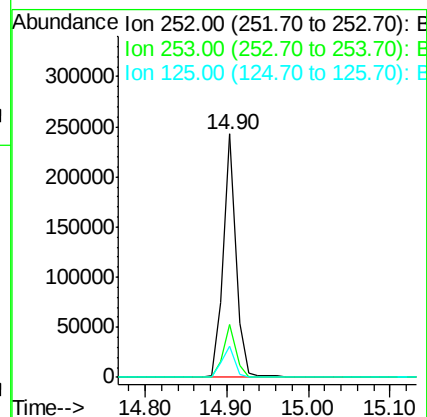
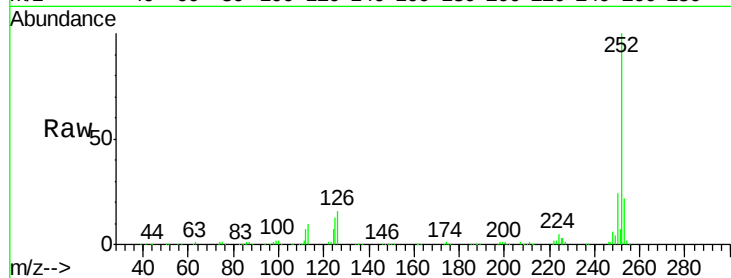




#89
Benzo(a)pyrene
Concen: 39.42 ng
RT: 14.90 min Scan# 1152
Delta R.T. -0.04 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

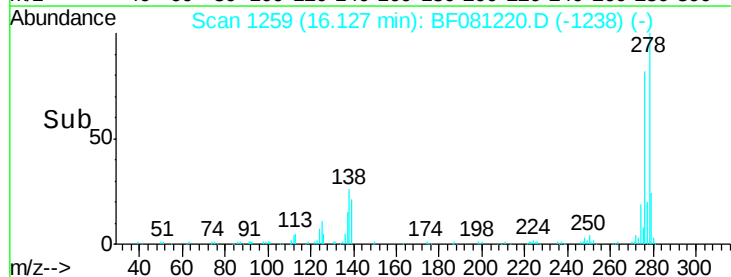
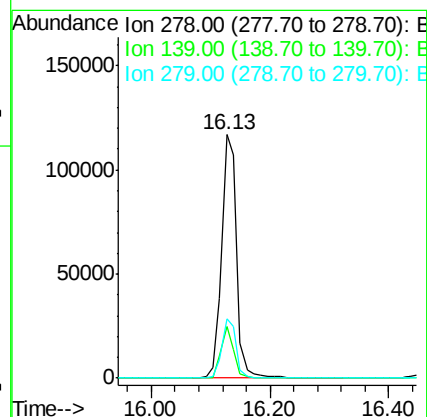
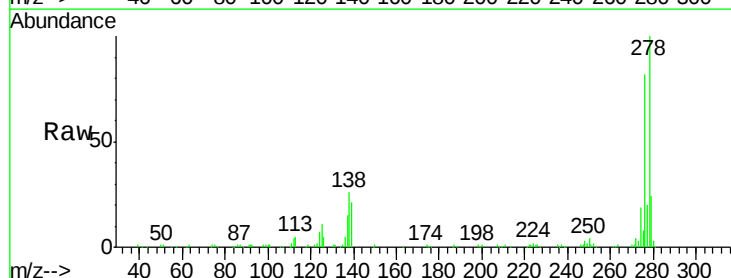
Instrument :
BNA_F
ClientSampleId :

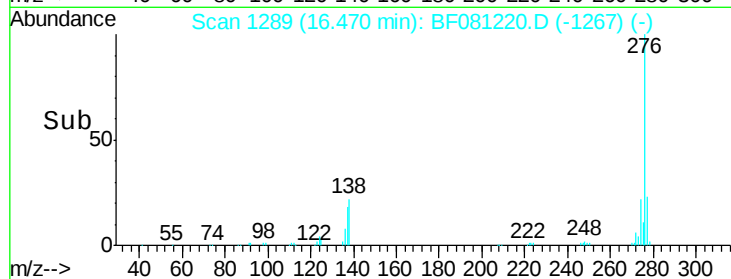
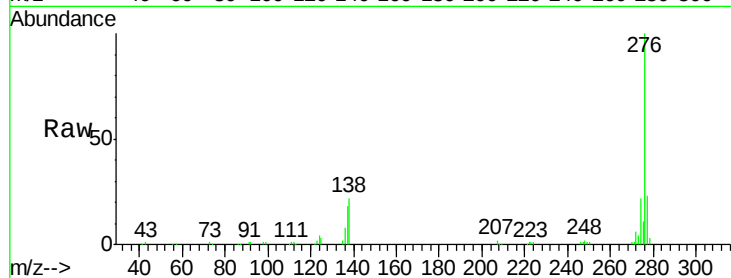
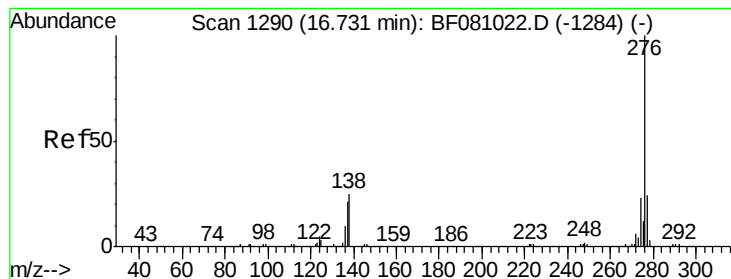
Tot Ion:252 Resp: 264200
Ion Ratio Lower Upper
252 100
253 21.8 16.6 25.0
125 12.6 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 39.18 ng
RT: 16.13 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF081220.D
Acq: 26 Aug 2015 19:14

Tgt Ion:278 Resp: 204583
Ion Ratio Lower Upper
278 100
139 21.2 10.8 16.2#
279 24.2 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 38.01 ng

RT: 16.47 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF081220.D

Acq: 26 Aug 2015 19:14

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 201365

Ion Ratio Lower Upper

276 100

277 23.1 18.2 27.2

138 21.6 13.7 20.5#

