

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081145.D
 Acq On : 21 Aug 2015 15:03
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	54539	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	216762	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	104049	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	215224	20.00	ng	0.00
75) Chrysene-d12	13.67	240	192790	20.00	ng	0.00
86) Perylene-d12	15.00	264	163967	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	281417	77.61	ng	0.00
7) Phenol-d6	6.21	99	401041	84.77	ng	0.00
23) Nitrobenzene-d5	7.13	82	411153	86.65	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	68282	75.71	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	603487	76.00	ng	0.00
78) Terphenyl-d14	12.63	244	618156	68.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.94	88	68309	39.98	ng	92
3) Pyridine	2.56	79	206186	42.75	ng	# 77
4) n-Nitrosodimethylamine	2.52	42	107913	40.19	ng	# 79
6) Aniline	6.22	93	279549	40.64	ng	# 33
8) 2-Chlorophenol	6.33	128	162890	41.04	ng	96
9) Benzaldehyde	6.09	77	119733	39.26	ng	99
10) Phenol	6.22	94	249511	44.66	ng	96
11) bis(2-Chloroethyl)ether	6.30	93	158421	36.95	ng	89
12) 1,3-Dichlorobenzene	6.49	146	172466	40.44	ng	93
13) 1,4-Dichlorobenzene	6.57	146	181080	42.88	ng	96
14) 1,2-Dichlorobenzene	6.57	146	181080	45.82	ng	94
15) Benzyl Alcohol	6.71	79	149540	39.07	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	338123	40.13	ng	97
17) 2-Methylphenol	6.84	107	146306	42.96	ng	94
18) Hexachloroethane	7.06	117	66226	38.81	ng	90
19) n-Nitroso-di-n-propylamine	7.00	70	140591	42.90	ng	# 84
20) 3+4-Methylphenols	7.00	107	178936	41.40	ng	# 42
22) Acetophenone	6.98	105	231750	40.72	ng	# 88
24) Nitrobenzene	7.14	77	176473	35.57	ng	94
25) Isophorone	7.40	82	373602	42.22	ng	96
26) 2-Nitrophenol	7.46	139	84704	41.05	ng	# 85
27) 2,4-Dimethylphenol	7.52	122	155033	42.47	ng	89
28) bis(2-Chloroethoxy)methane	7.61	93	219541	42.00	ng	99
29) 2,4-Dichlorophenol	7.70	162	121642	39.58	ng	# 86
30) 1,2,4-Trichlorobenzene	7.78	180	133233	39.01	ng	96
31) Naphthalene	7.86	128	461019	38.15	ng	99
32) Benzoic acid	7.65	122	89587	43.63	ng	97
33) 4-Chloroaniline	7.92	127	197015	38.64	ng	93
34) Hexachlorobutadiene	7.99	225	80063	41.45	ng	98
35) Caprolactam	8.30	113	45342	42.22	ng	# 86
36) 4-Chloro-3-methylphenol	8.41	107	158373	43.24	ng	99
37) 2-Methylnaphthalene	8.55	142	297871	39.03	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	133757	39.84	ng	98
40) Hexachlorocyclopentadiene	8.71	237	65759	37.85	ng	98

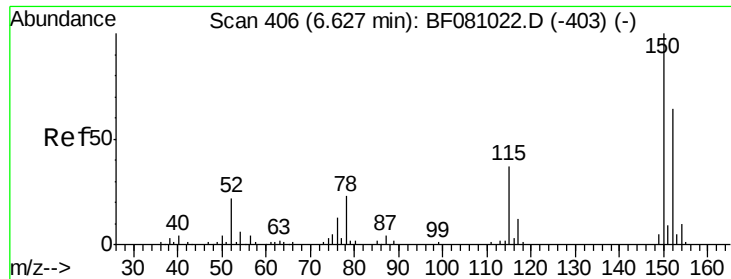
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081145.D
 Acq On : 21 Aug 2015 15:03
 Operator : UM/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:27:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	96770	40.80	nq	99
43) 2,4,5-Trichlorophenol	8.87	196	93245	39.34	nq	# 82
45) 1,1'-Biphenyl	9.02	154	370484	40.42	nq	96
46) 2-Chloronaphthalene	9.04	162	299177	40.63	nq	99
47) 2-Nitroaniline	9.14	65	123663	41.04	nq	# 57
48) Acenaphthylene	9.44	152	474501	36.03	nq	98
49) Dimethylphthalate	9.33	163	311159	36.31	nq	99
50) 2,6-Dinitrotoluene	9.38	165	69116	37.57	nq	# 74
51) Acenaphthene	9.62	154	287695	36.49	nq	98
52) 3-Nitroaniline	9.56	138	95642	41.54	nq	# 64
53) 2,4-Dinitrophenol	9.66	184	42021	45.91	nq	# 55
54) Dibenzofuran	9.78	168	382954	36.24	nq	91
55) 4-Nitrophenol	9.72	139	61103	37.79	nq	88
56) 2,4-Dinitrotoluene	9.78	165	101687	41.70	nq	# 81
57) Fluorene	10.13	166	303863	37.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	71903	39.19	nq	99
59) Diethylphthalate	10.02	149	358939	39.57	nq	97
60) 4-Chlorophenyl-phenylether	10.13	204	133035	38.68	nq	99
61) 4-Nitroaniline	10.16	138	107600	45.73	nq	91
62) Azobenzene	10.29	77	429675	41.11	nq	96
64) 4,6-Dinitro-2-methylphenol	10.18	198	53241	41.42	nq	96
65) n-Nitrosodiphenylamine	10.25	169	310990	40.48	nq	98
66) 4-Bromophenyl-phenylether	10.61	248	76895	36.37	nq	# 60
67) Hexachlorobenzene	10.68	284	85099	39.74	nq	# 85
68) Atrazine	10.78	200	73809	34.48	nq	98
69) Pentachlorophenol	10.87	266	49657	38.65	nq	97
70) Phenanthrene	11.08	178	449413	35.23	nq	98
71) Anthracene	11.13	178	513800	41.40	nq	99
72) Carbazole	11.29	167	503695	42.15	nq	98
73) Di-n-butylphthalate	11.64	149	599511	41.46	nq	99
74) Fluoranthene	12.25	202	534886	38.86	nq	93
76) Benzidine	12.38	184	273113	37.50	nq	99
77) Pyrene	12.48	202	573184	36.57	nq	99
79) Butylbenzylphthalate	13.11	149	235421	34.95	nq	# 66
80) Benzo(a)anthracene	13.66	228	485485	37.55	nq	100
81) 3,3'-Dichlorobenzidine	13.64	252	168507	40.24	nq	# 95
82) Chrysene	13.69	228	423006	36.30	nq	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	336122	38.95	nq	99
84) Di-n-octyl phthalate	14.29	149	584465	44.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.19	276	406678	49.71	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	870543	75.06	nq	97
88) Benzo(k)fluoranthene	14.68	252	870543	80.55	nq	# 95
89) Benzo(a)pyrene	14.95	252	412200	40.79	nq	99
90) Dibenzo(a,h)anthracene	16.20	278	331546	42.10	nq	# 95
91) Benzo(g,h,i)perylene	16.54	276	327731	41.02	nq	# 93

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

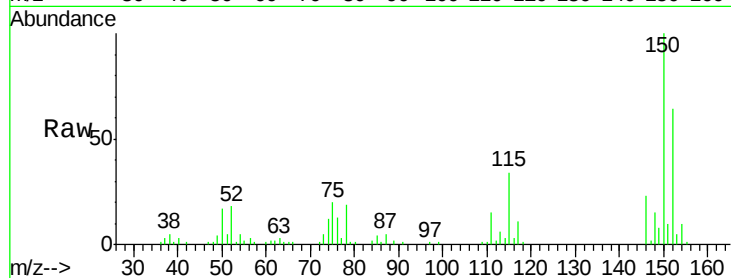


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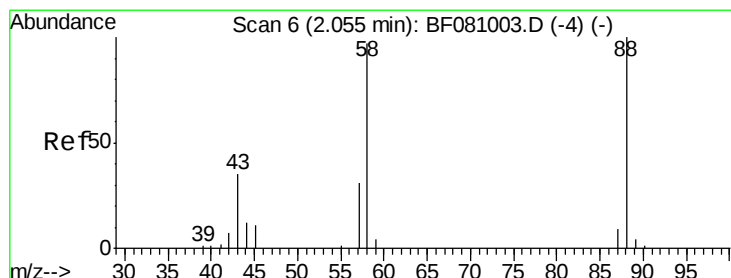
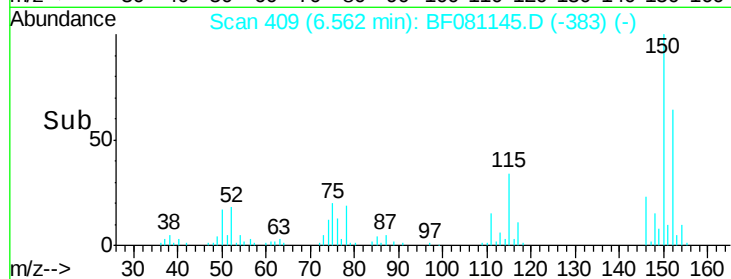
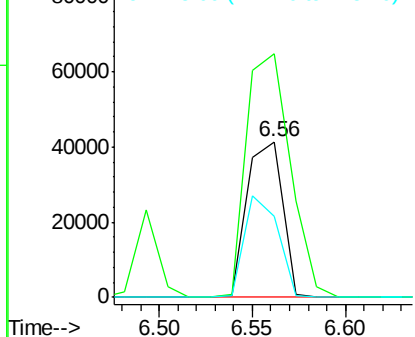
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 409
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54539
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.6
115 52.5 52.1 78.1



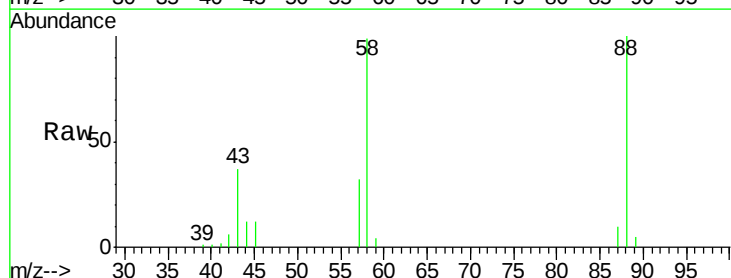
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



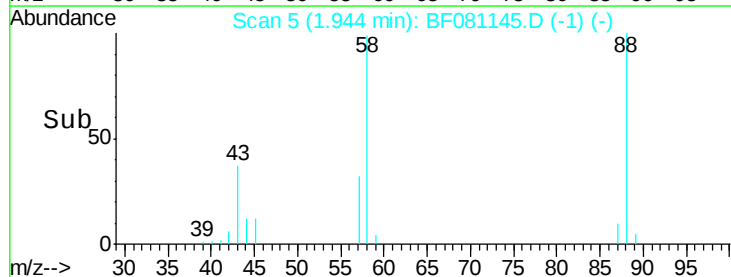
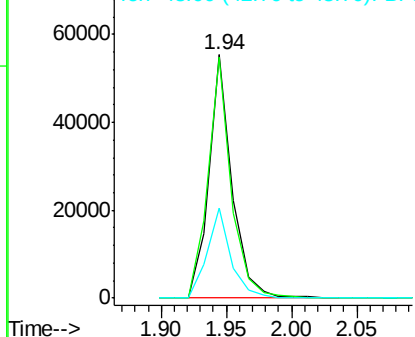
#2

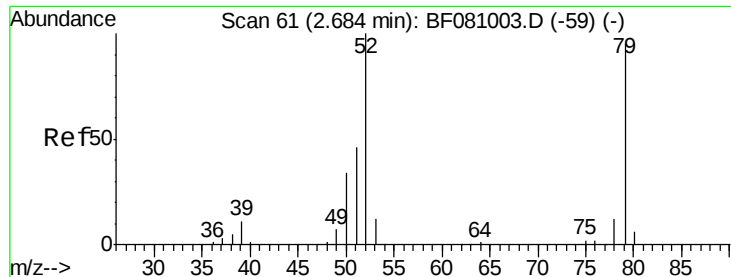
1,4-Dioxane
Concen: 39.98 ng
RT: 1.94 min Scan# 5
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion: 88 Resp: 68309
Ion Ratio Lower Upper
88 100
58 98.9 83.7 125.5
43 37.7 37.5 56.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.75 ng

RT: 2.56 min Scan# 59

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

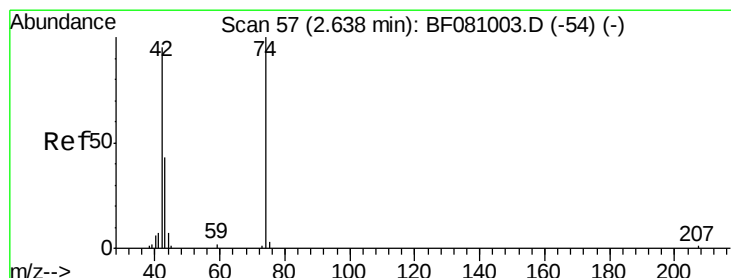
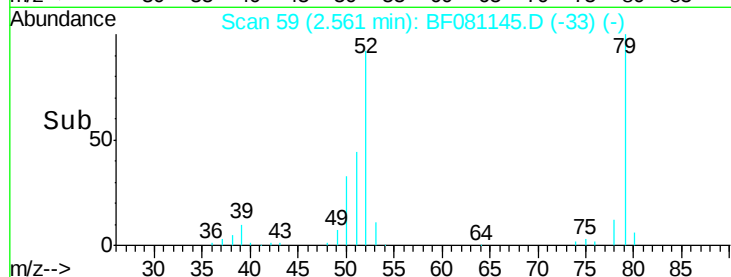
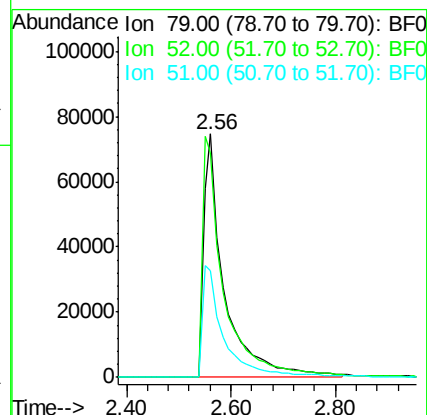
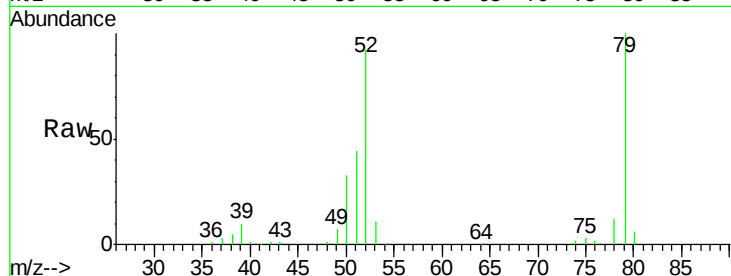
Tot Ion: 79 Resp: 206186

Ion Ratio Lower Upper

79 100

52 92.4 95.1 142.7#

51 43.6 46.6 70.0#



#4

n-Nitrosodimethylamine

Concen: 40.19 ng

RT: 2.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

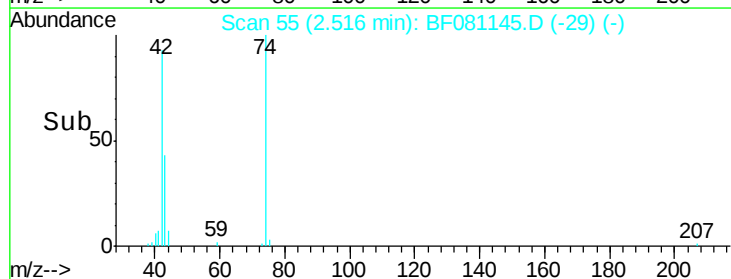
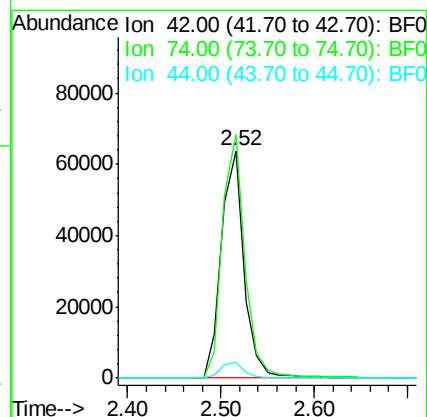
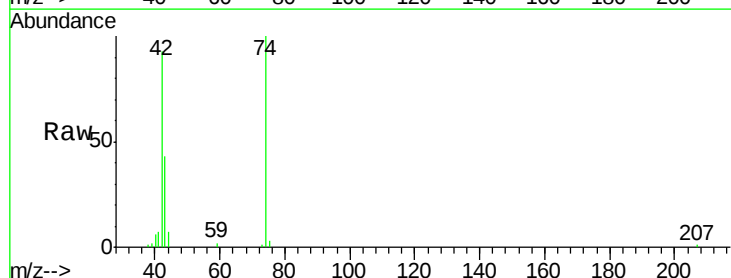
Tgt Ion: 42 Resp: 107913

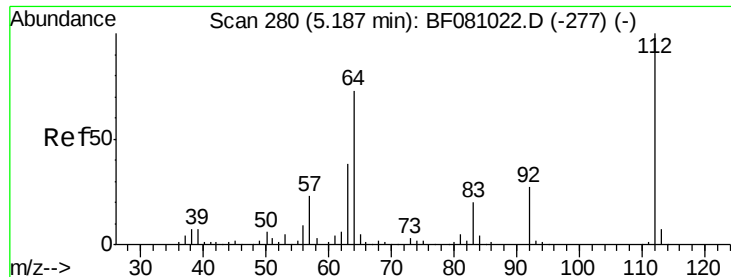
Ion Ratio Lower Upper

42 100

74 107.1 69.3 103.9#

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 77.61 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF081145.D

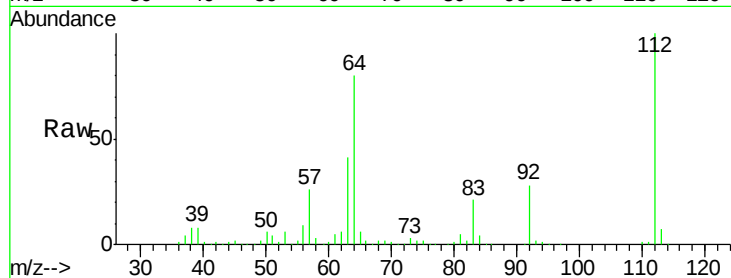
Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

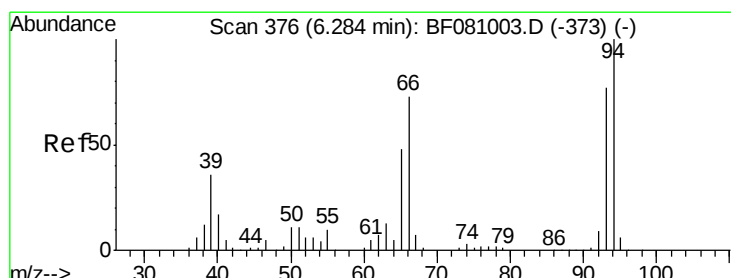
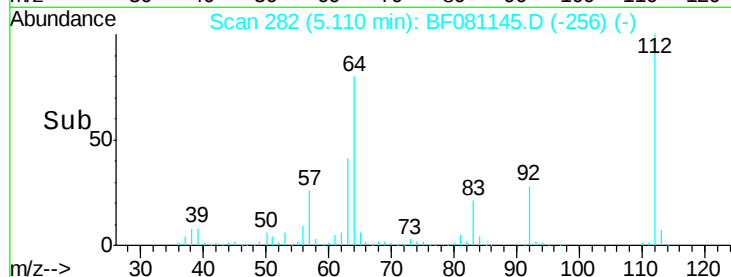
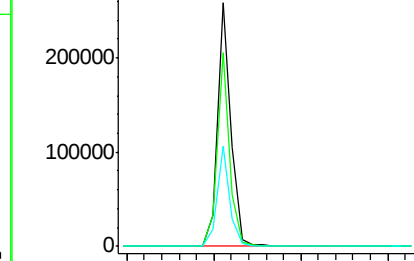
Tot Ion:	112	Resp:	281417
Ion	Ratio	Lower	Upper
112	100		
64	79.7	66.9	100.3
63	41.4	38.1	57.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.64 ng

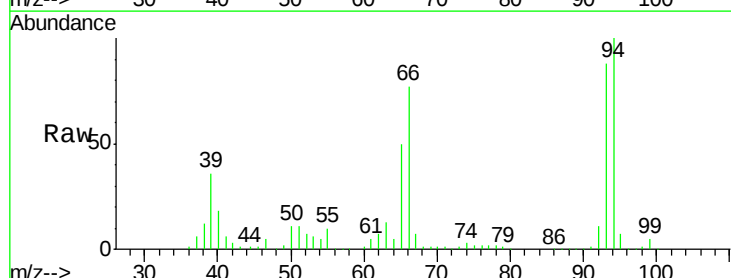
RT: 6.22 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

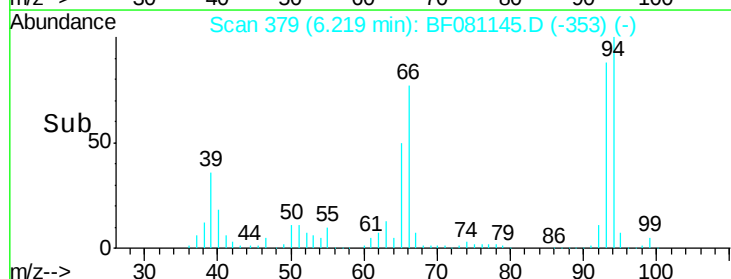
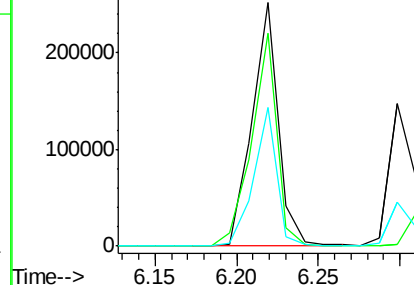
Tgt Ion:	93	Resp:	279549
Ion	Ratio	Lower	Upper
93	100		
66	87.3	35.6	53.4#
65	56.8	18.7	28.1#

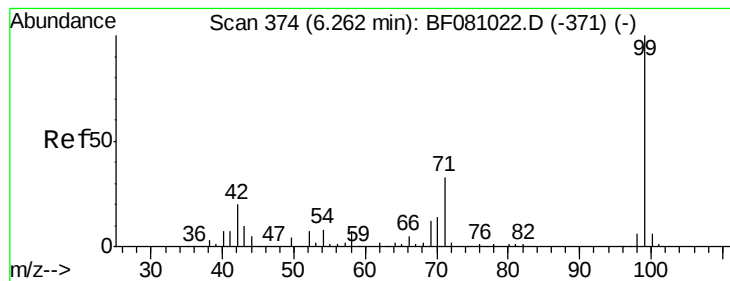


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.77 ng

RT: 6.21 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

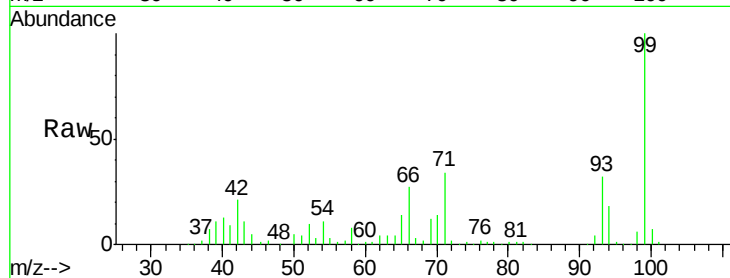
Tot Ion: 99 Resp: 401041

Ion Ratio Lower Upper

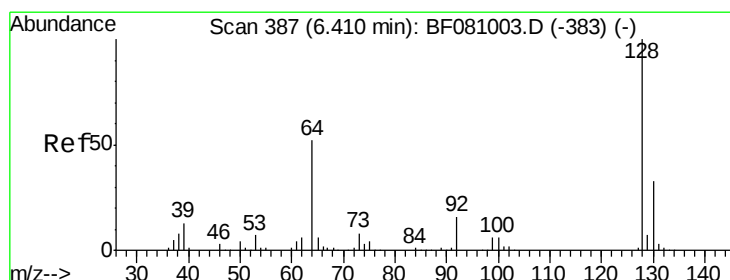
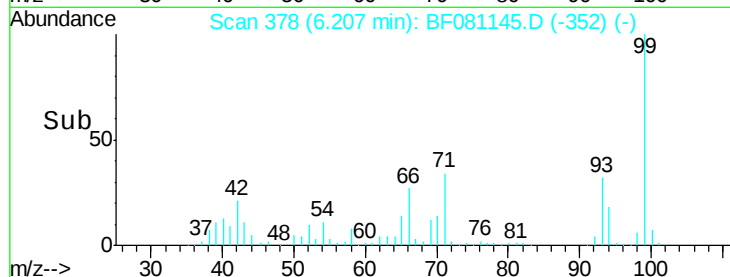
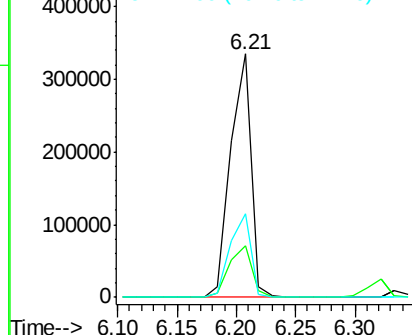
99 100

42 21.4 19.6 29.4

71 34.1 31.2 46.8



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



#8

2-Chlorophenol

Concen: 41.04 ng

RT: 6.33 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

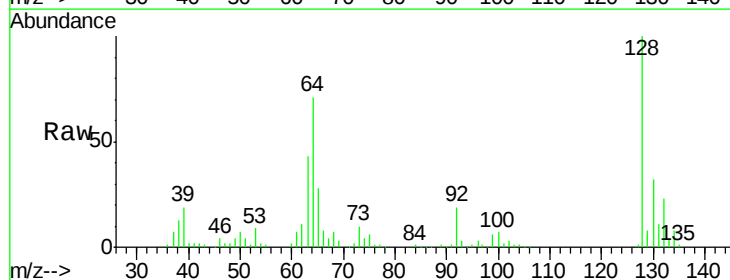
Tgt Ion: 128 Resp: 162890

Ion Ratio Lower Upper

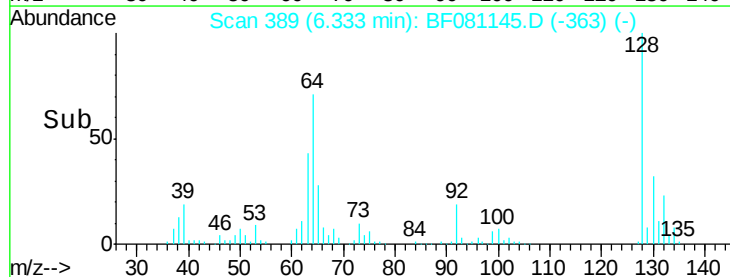
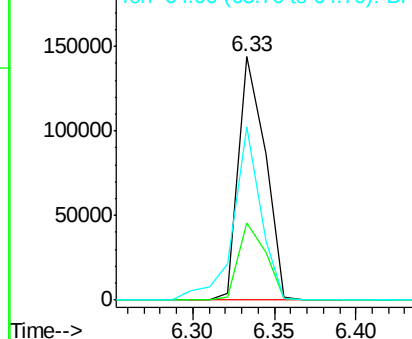
128 100

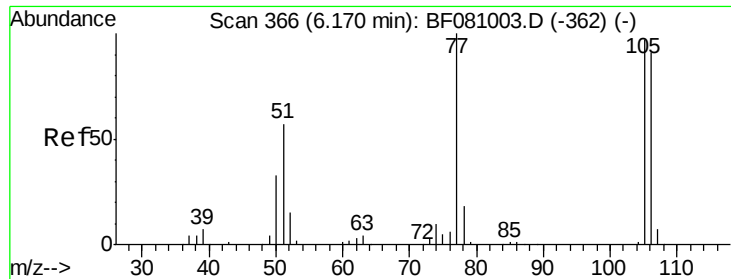
130 31.5 12.5 52.5

64 71.1 46.8 86.8



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





#9

Benzaldehyde

Concen: 39.26 ng

RT: 6.09 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

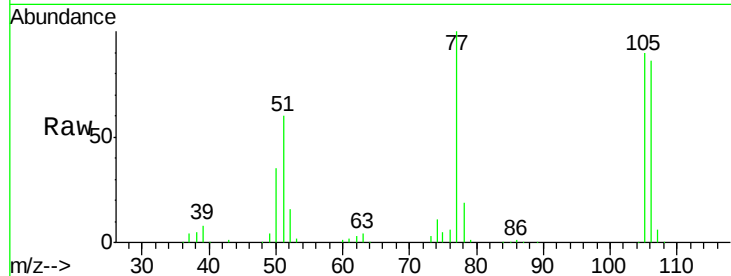
Tot Ion: 77 Resp: 119733

Ion Ratio Lower Upper

77 100

105 89.8 69.6 109.6

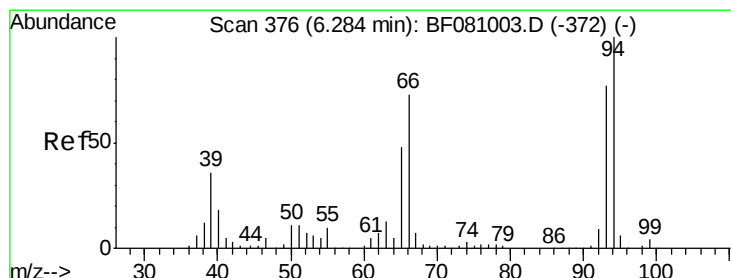
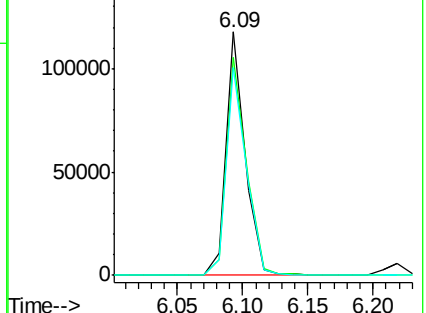
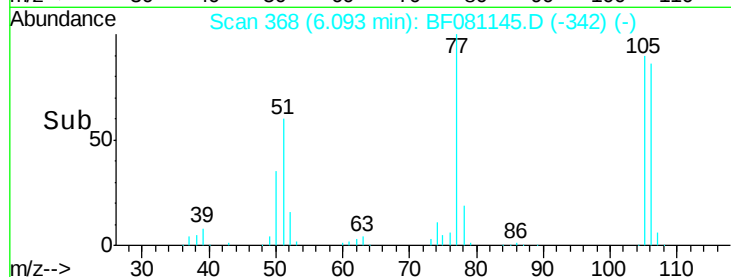
106 85.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 44.66 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

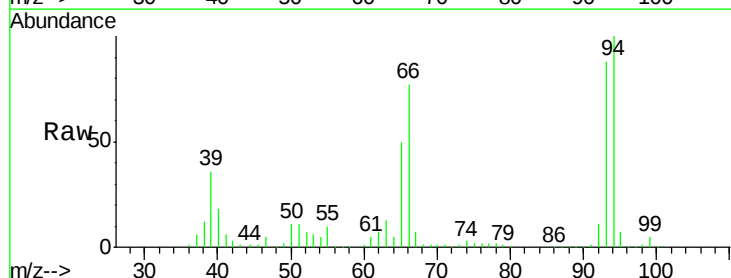
Tgt Ion: 94 Resp: 249511

Ion Ratio Lower Upper

94 100

65 50.0 28.4 68.4

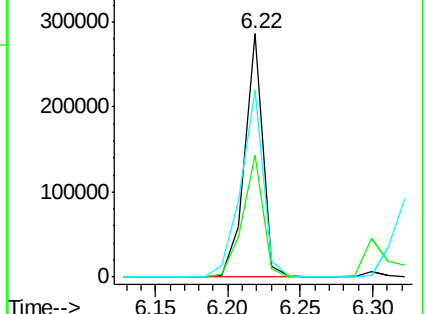
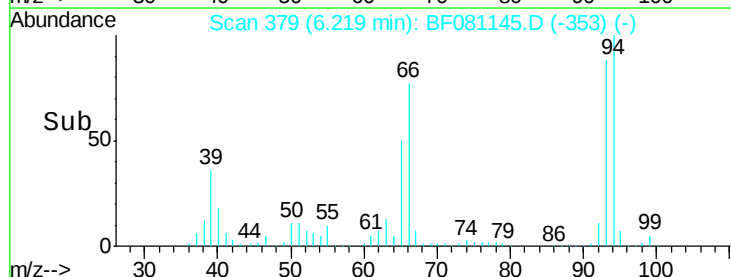
66 76.9 52.3 92.3

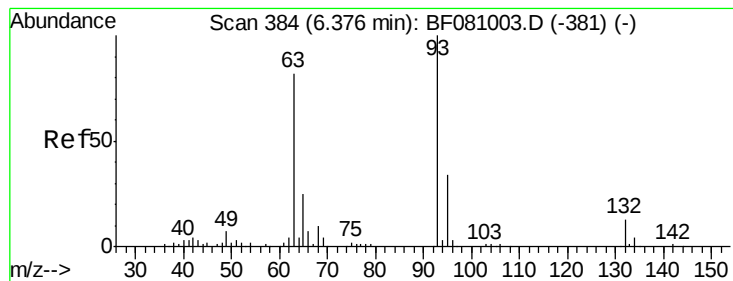


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.95 ng

RT: 6.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

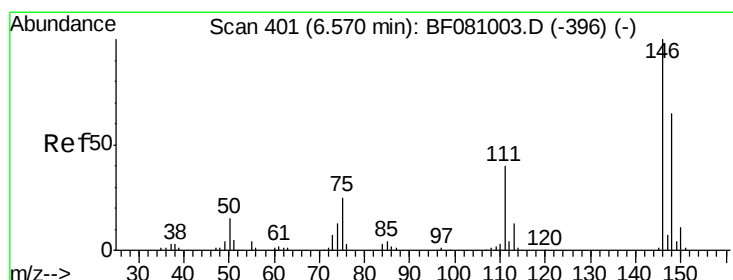
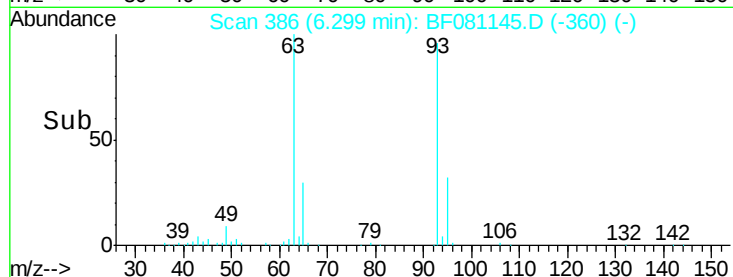
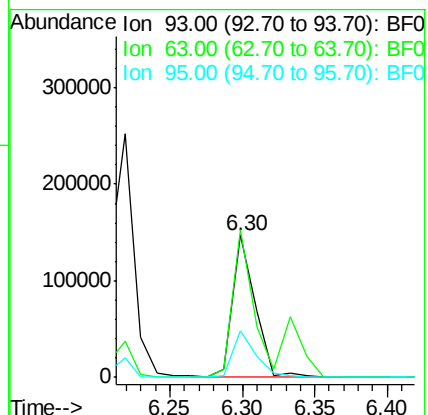
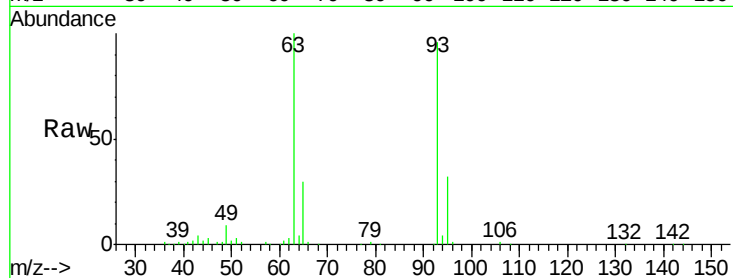
Tot Ion: 93 Resp: 158421

Ion Ratio Lower Upper

93 100

63 103.7 69.6 109.6

95 33.1 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.44 ng

RT: 6.49 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

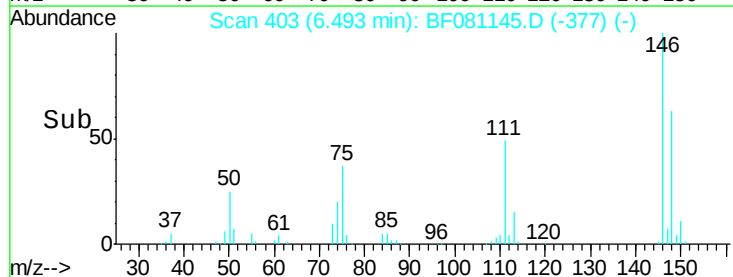
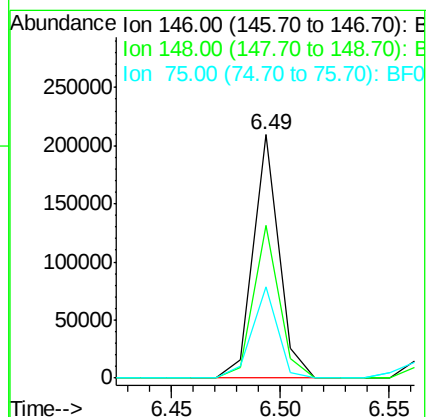
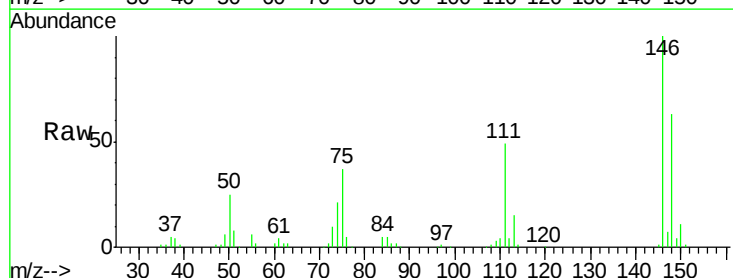
Tgt Ion: 146 Resp: 172466

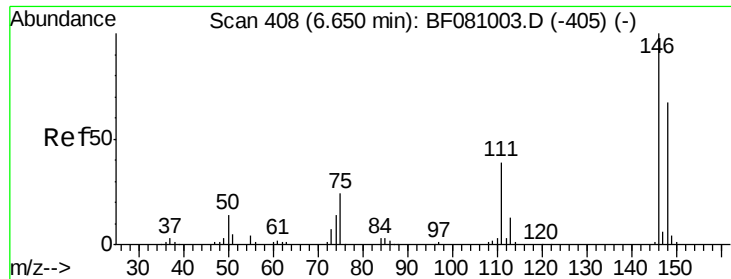
Ion Ratio Lower Upper

146 100

148 62.8 53.3 79.9

75 37.5 25.0 37.6

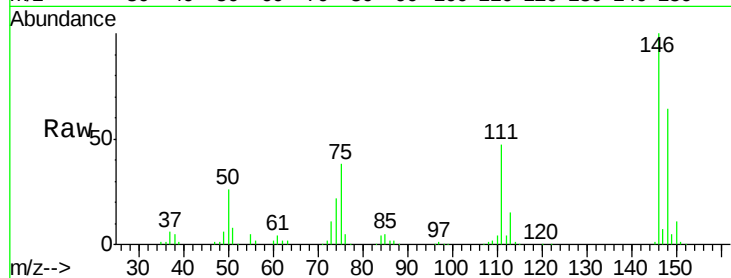




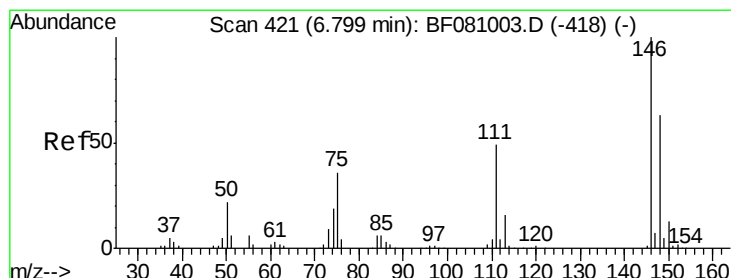
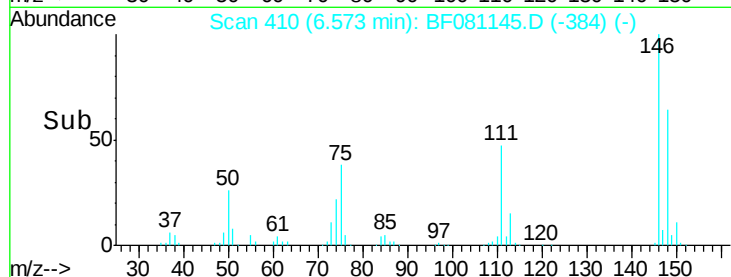
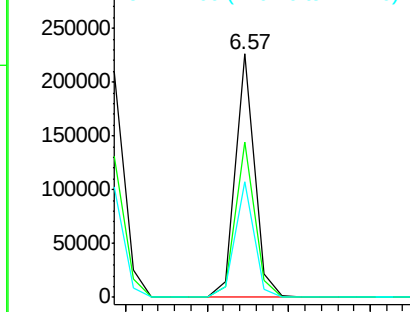
#13
 1,4-Dichlorobenzene
 Concen: 42.88 ng
 RT: 6.57 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 181080
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 47.4 34.4 51.6

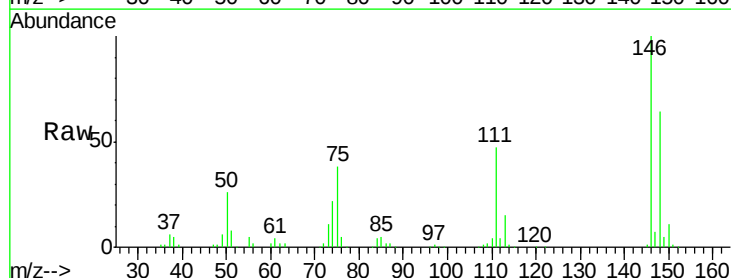


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

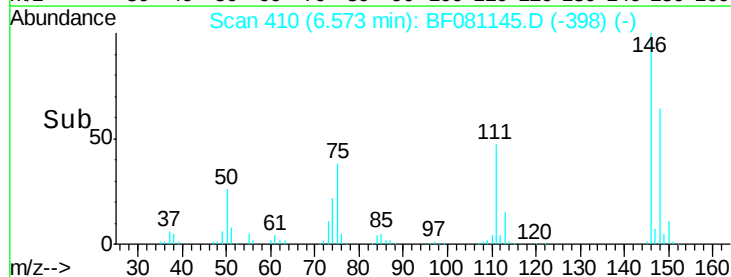
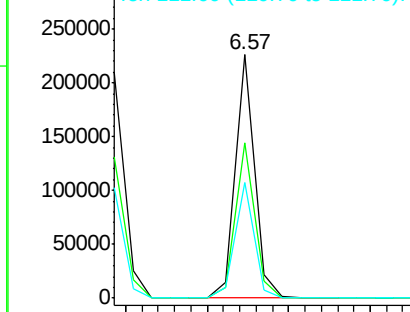


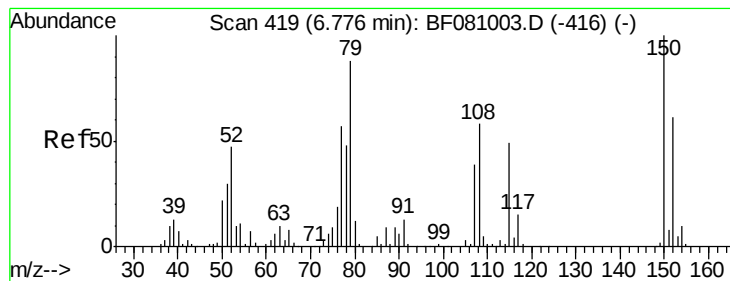
#14
 1,2-Dichlorobenzene
 Concen: 45.82 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.16 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:146 Resp: 181080
 Ion Ratio Lower Upper
 146 100
 148 63.9 48.7 73.1
 111 47.4 42.3 63.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 6.71 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

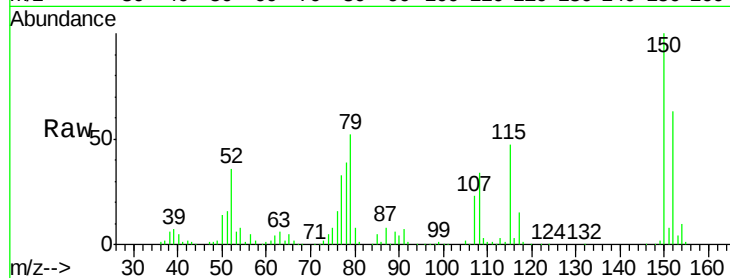
Tot Ion: 79 Resp: 149540

Ion Ratio Lower Upper

79 100

108 65.4 49.4 74.2

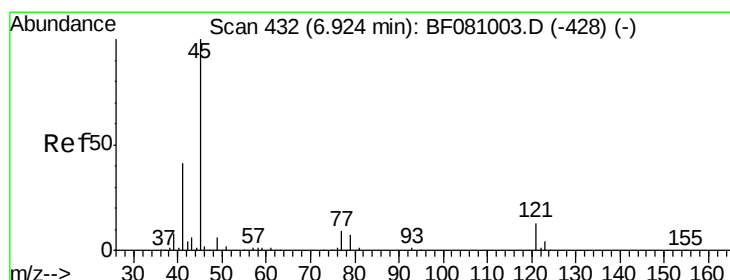
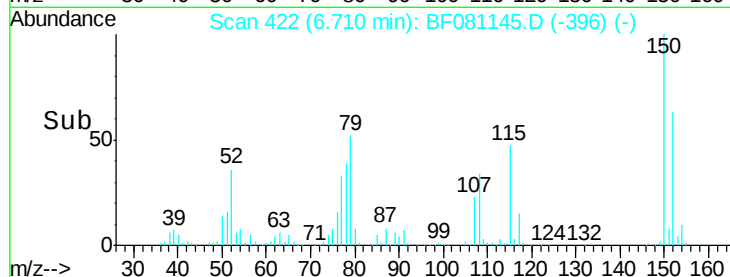
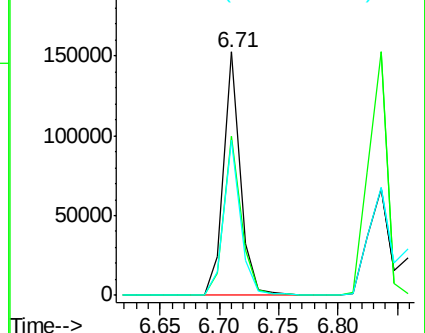
77 63.5 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.13 ng

RT: 6.86 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

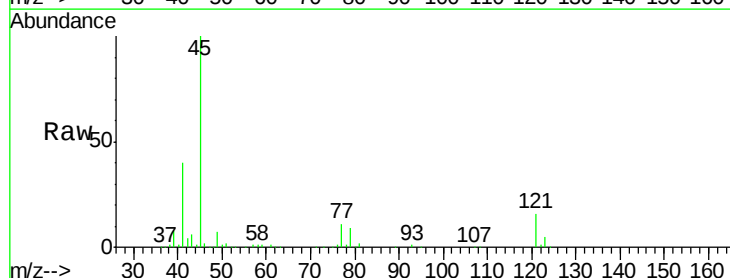
Tgt Ion: 45 Resp: 338123

Ion Ratio Lower Upper

45 100

77 11.2 0.0 30.2

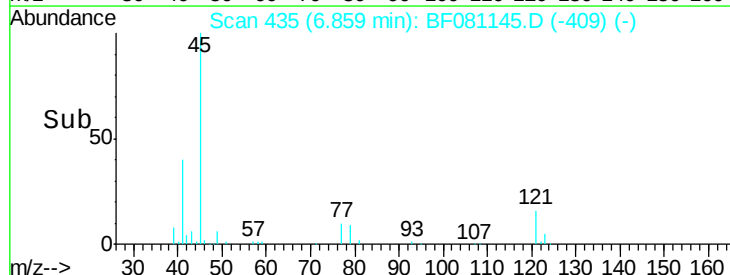
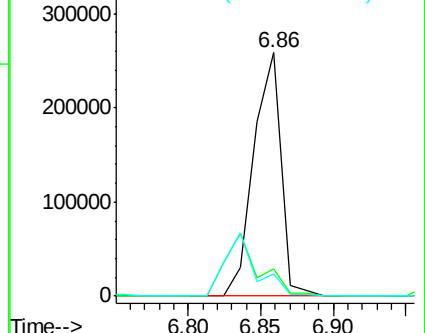
79 9.0 0.0 28.0

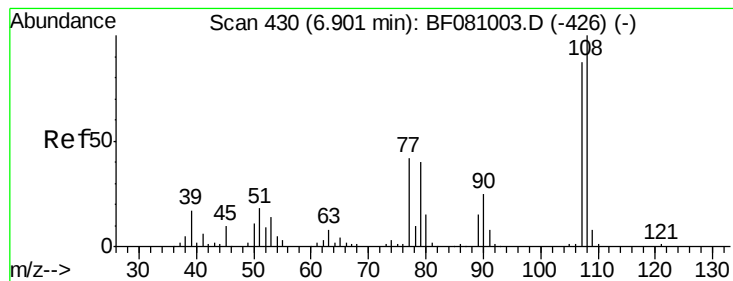


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.96 ng

RT: 6.84 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 146306

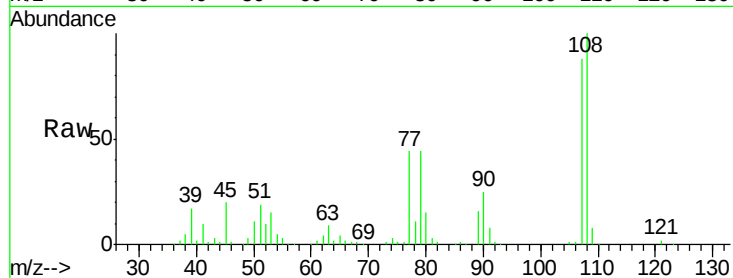
Ion Ratio Lower Upper

107 100

108 113.7 90.4 135.6

77 50.4 46.5 69.7

79 49.9 46.3 69.5

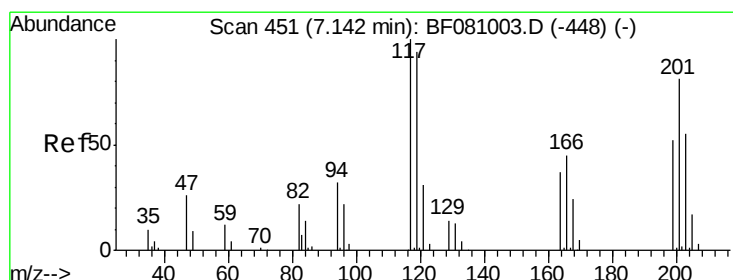
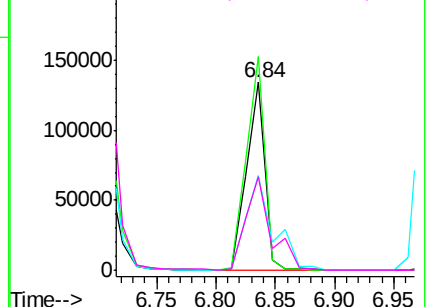
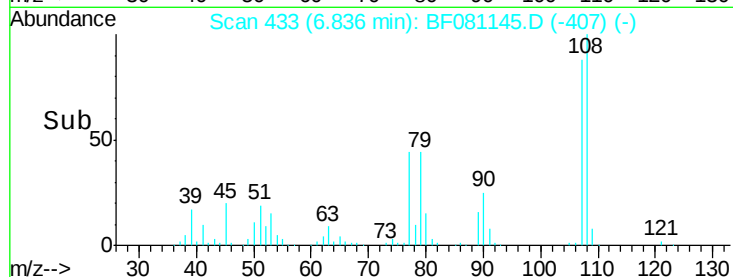


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.81 ng

RT: 7.06 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

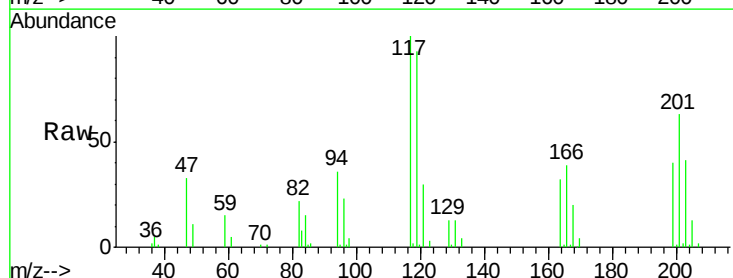
Tgt Ion:117 Resp: 66226

Ion Ratio Lower Upper

117 100

119 93.0 77.9 116.9

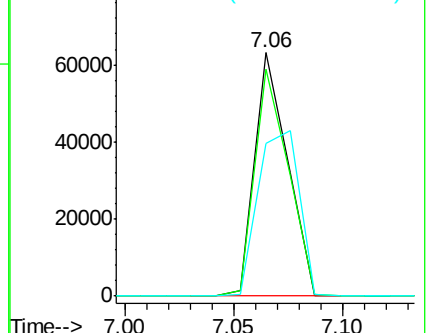
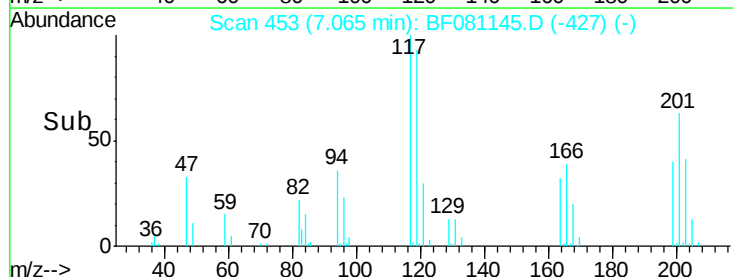
201 62.6 61.3 91.9

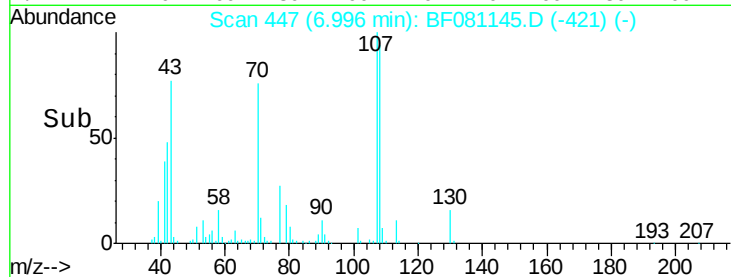
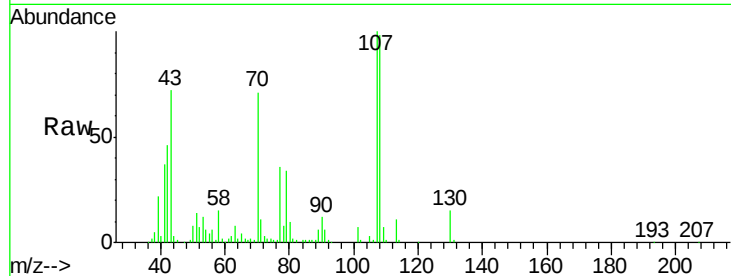
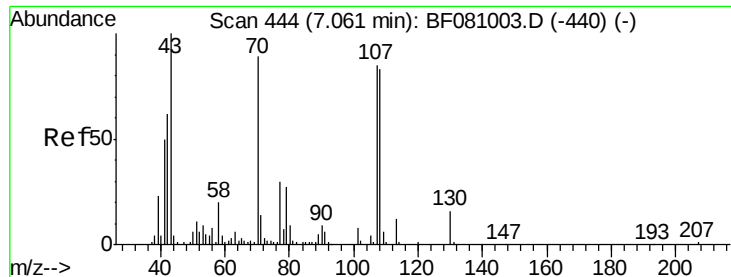


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

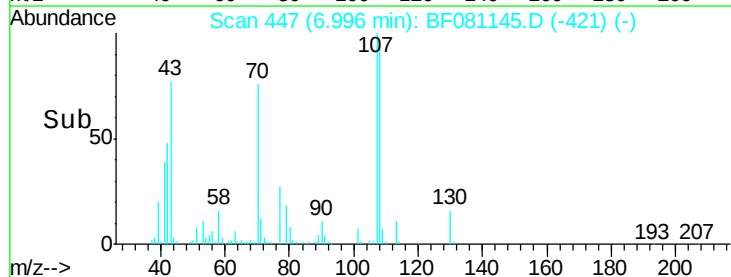
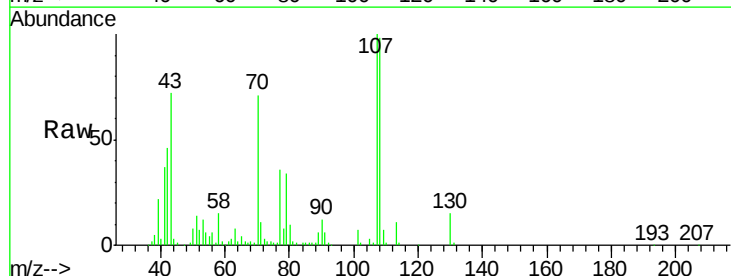
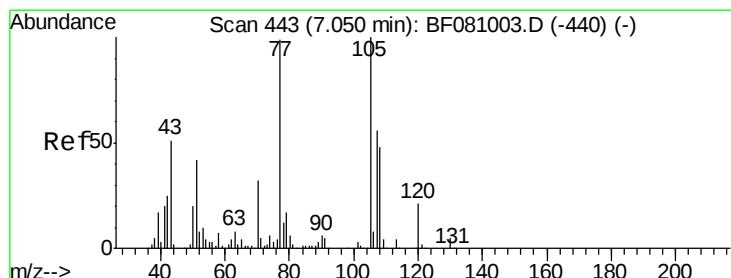
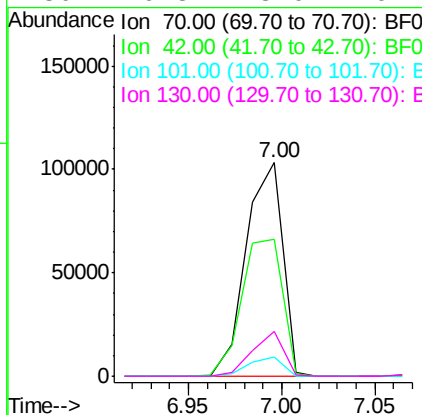




#19
n-Nitroso-di-n-propylamine
Concen: 42.90 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

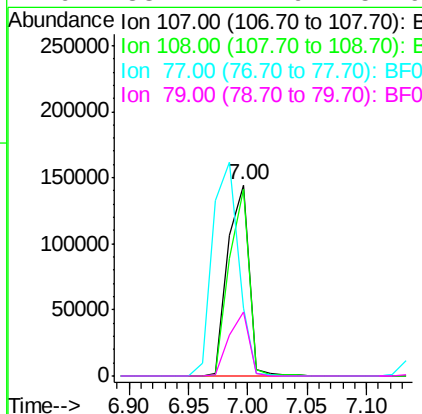
Instrument :
BNA_F
ClientSampleId :

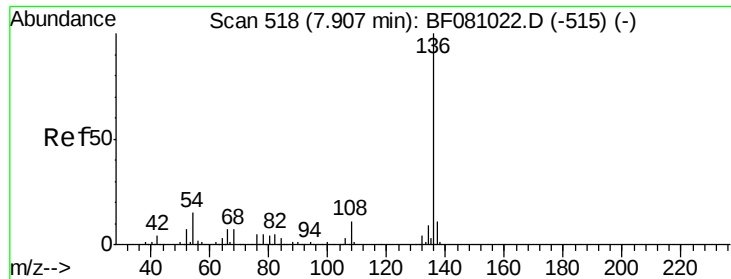
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.1	65.0	97.4#
101	9.3	7.4	11.2
130	20.8	13.0	19.4#



#20
3+4-Methylphenols
Concen: 41.40 ng
RT: 7.00 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	97.7	66.1	106.1
77	35.7	139.3	179.3#
79	33.7	11.9	51.9

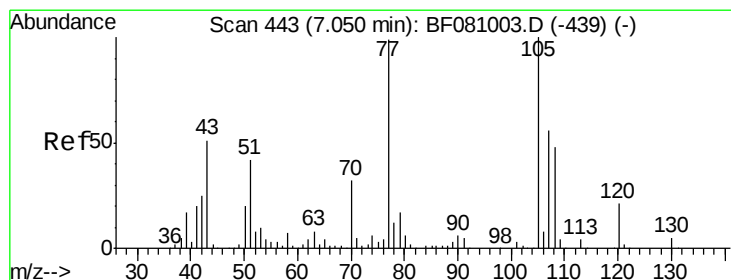
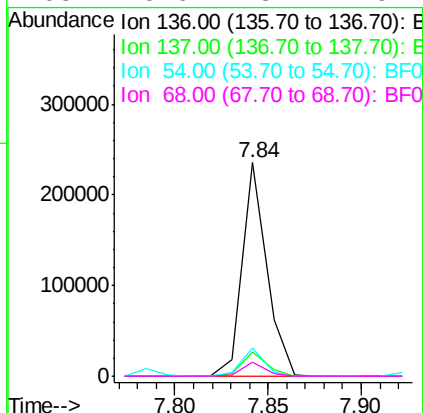
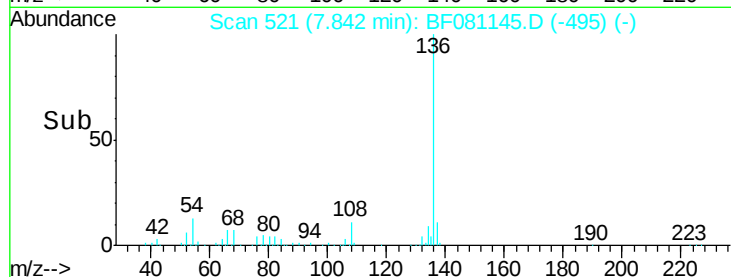
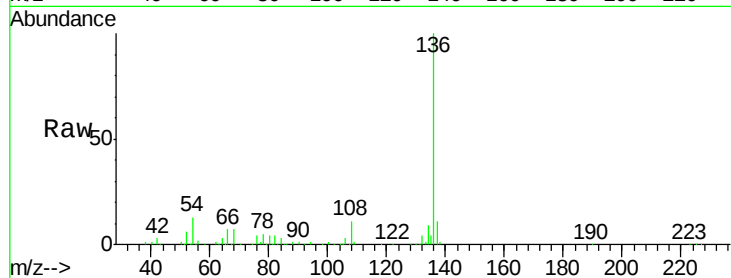




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

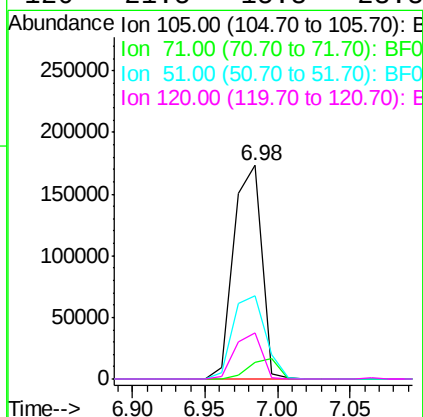
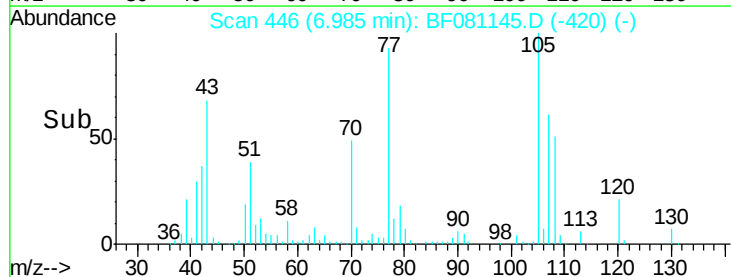
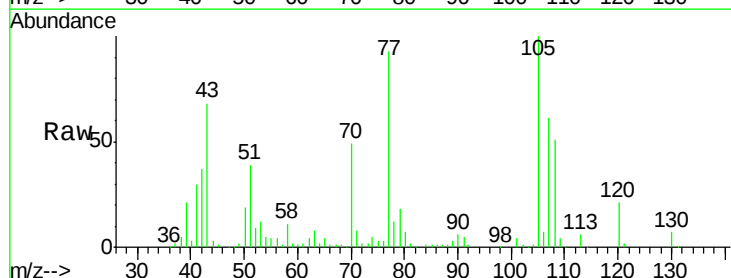
Instrument :
BNA_F
ClientSampleId :

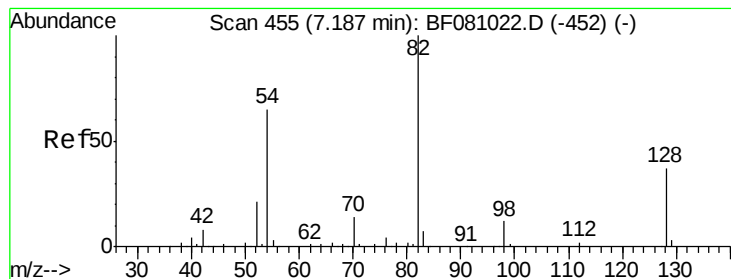
Tot Ion:136	Resp:	216762
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	13.0	7.7 11.5#
68	6.6	3.4 5.2#



#22
Acetophenone
Concen: 40.72 ng
RT: 6.98 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:105	Resp:	231750
Ion Ratio	Lower	Upper
105	100	
71	8.0	3.0 4.6#
51	39.1	39.8 59.8#
120	21.5	15.8 23.8





#23

Nitrobenzene-d5

Concen: 86.65 ng

RT: 7.13 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

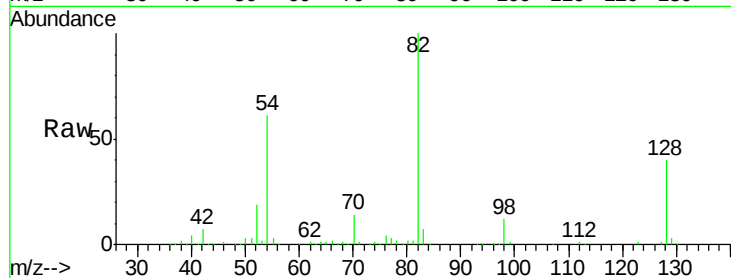
Tot Ion: 82 Resp: 411153

Ion Ratio Lower Upper

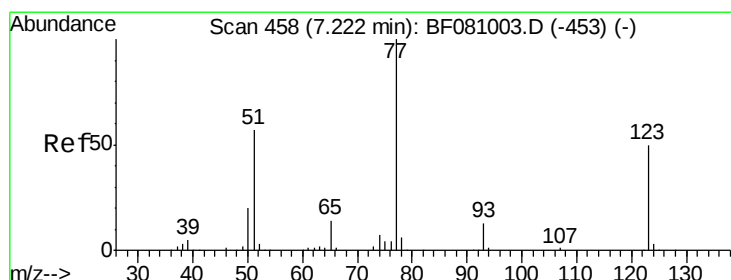
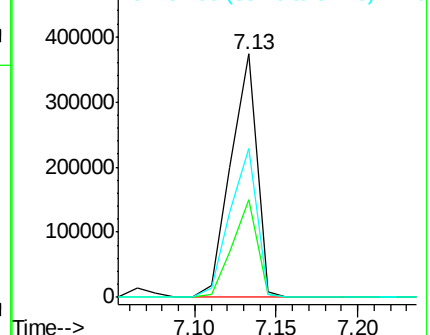
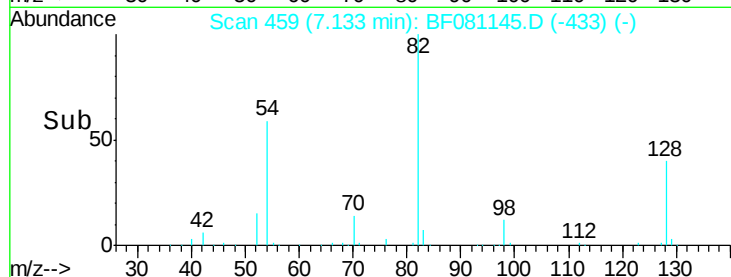
82 100

128 39.9 28.6 42.8

54 60.9 55.1 82.7



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



#24

Nitrobenzene

Concen: 35.57 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

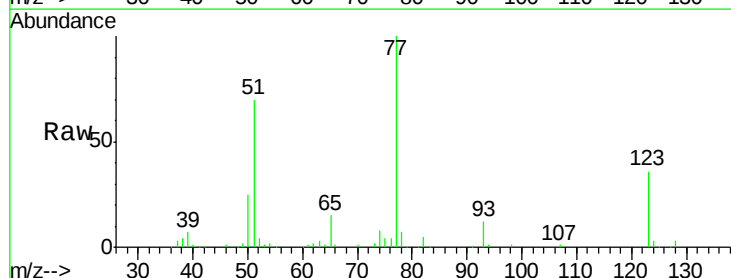
Tgt Ion: 77 Resp: 176473

Ion Ratio Lower Upper

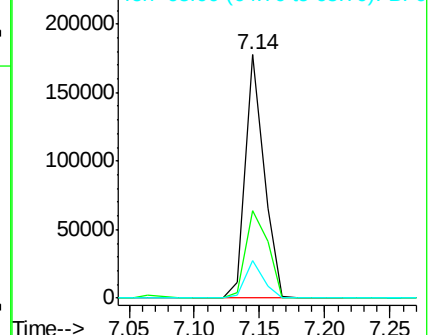
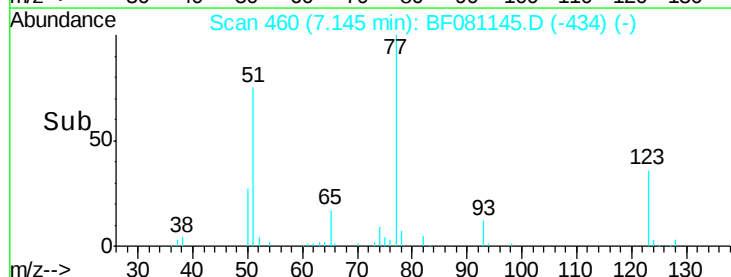
77 100

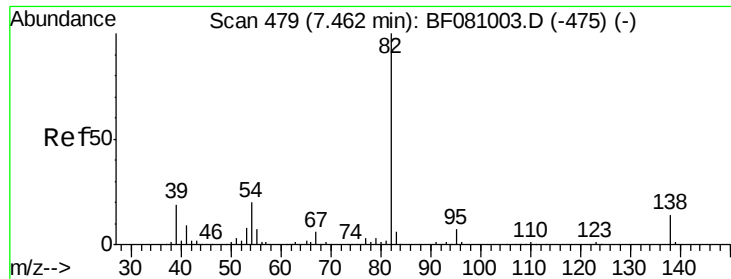
123 35.9 32.9 49.3

65 15.5 12.5 18.7



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





#25

Isophorone

Concen: 42.22 ng

RT: 7.40 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

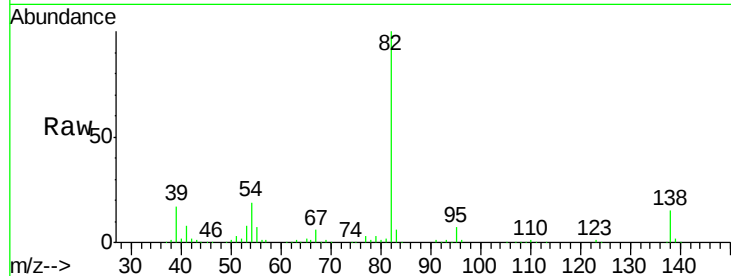
Tot Ion: 82 Resp: 373602

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

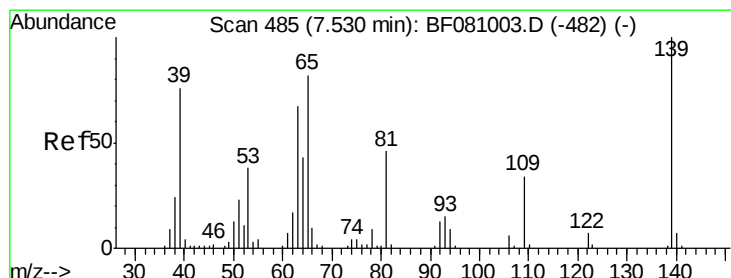
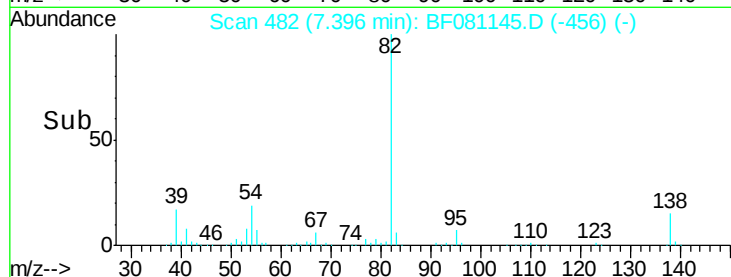
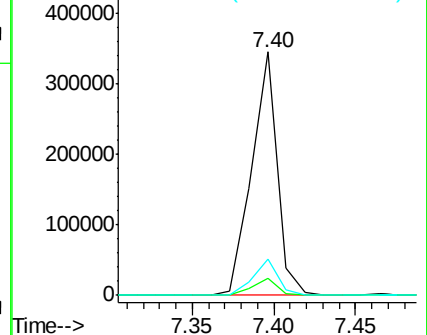
138 15.1 10.5 15.7



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: 41.05 ng

RT: 7.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

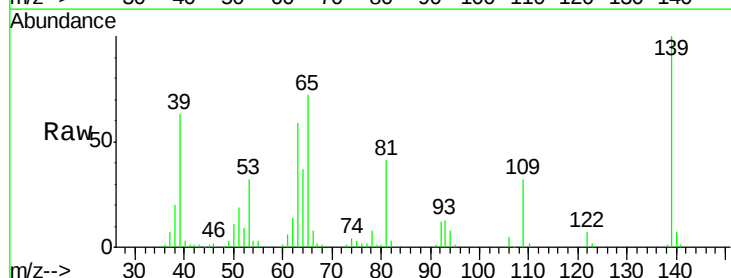
Tgt Ion: 139 Resp: 84704

Ion Ratio Lower Upper

139 100

109 31.9 32.1 48.1#

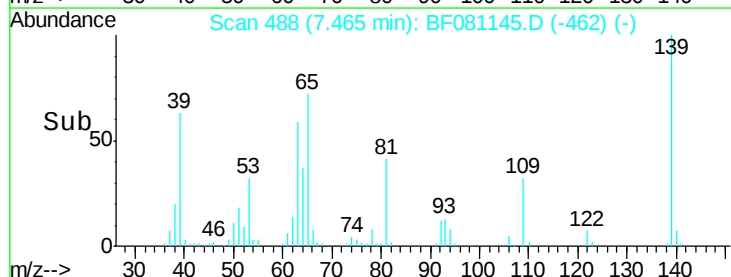
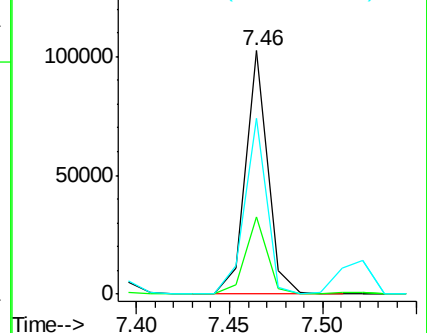
65 72.1 69.9 104.9

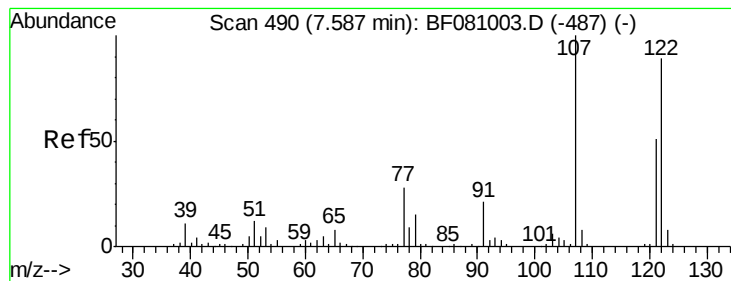


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.47 ng

RT: 7.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

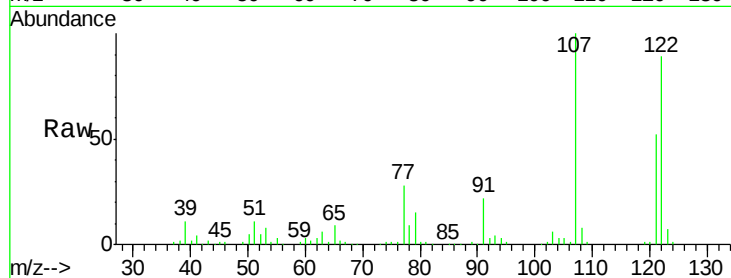
Tot Ion:122 Resp: 155033

Ion Ratio Lower Upper

122 100

107 112.4 103.8 155.6

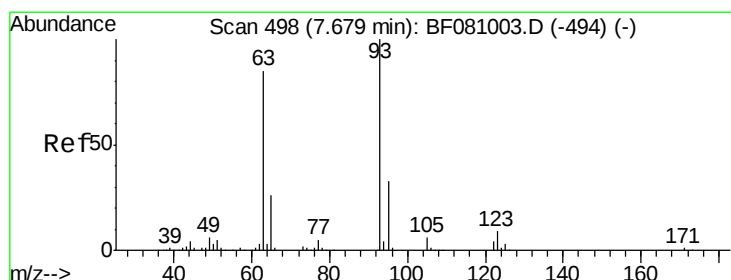
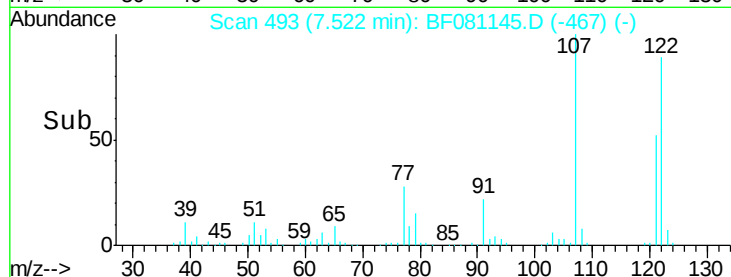
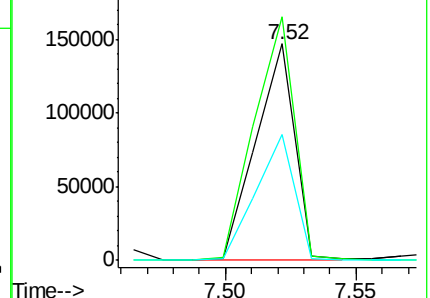
121 58.0 47.0 70.4



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: 42.00 ng

RT: 7.61 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

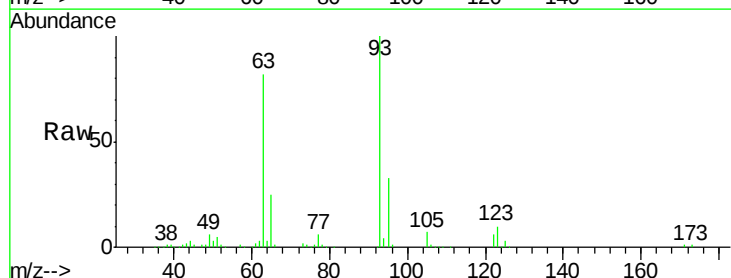
Tgt Ion: 93 Resp: 219541

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

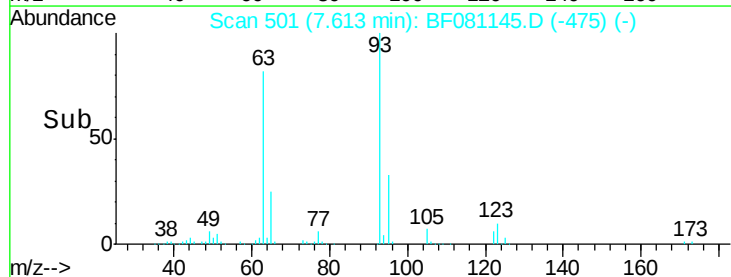
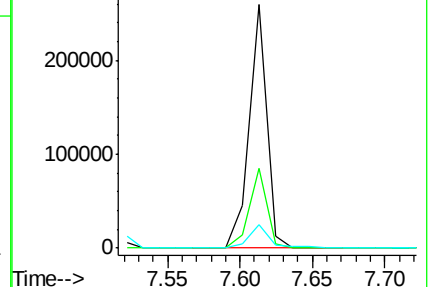
123 9.5 7.4 11.0

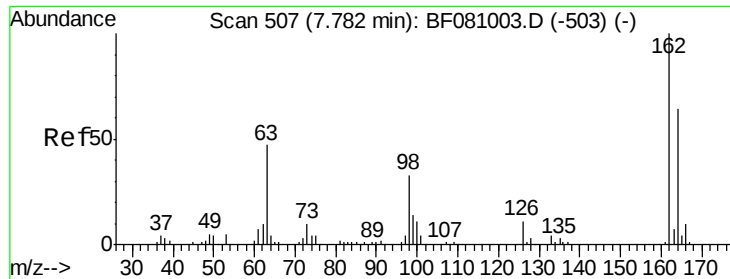


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

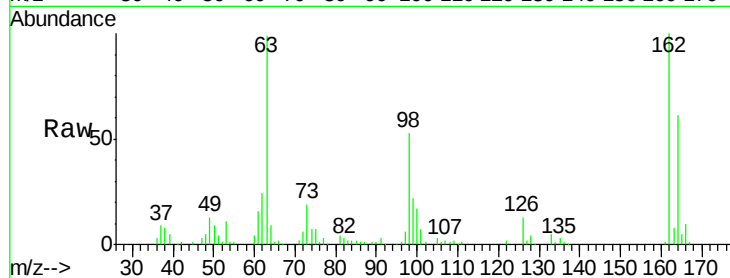




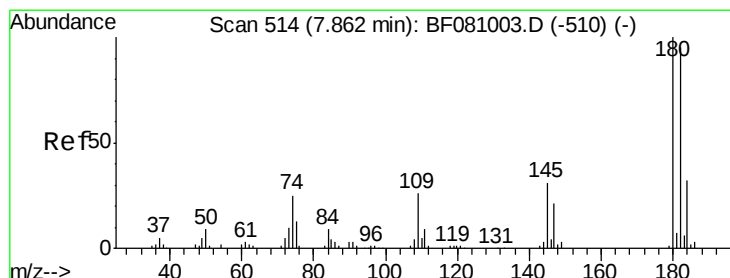
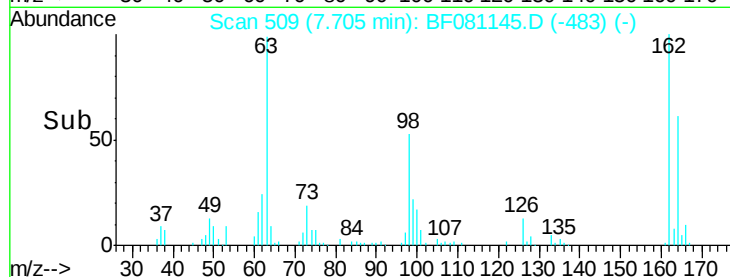
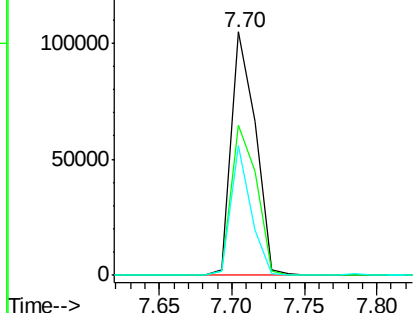
#29
 2,4-Dichlorophenol
 Concen: 39.58 ng
 RT: 7.70 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	43.2	83.2
98	53.5	12.3	52.3

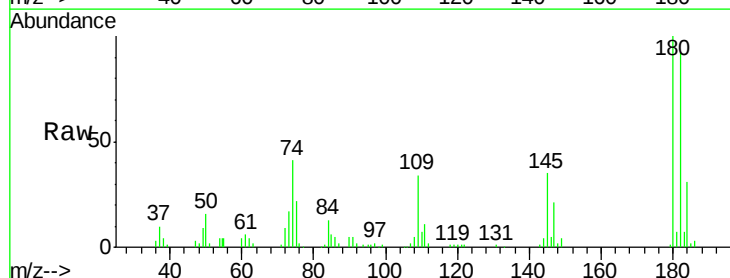


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

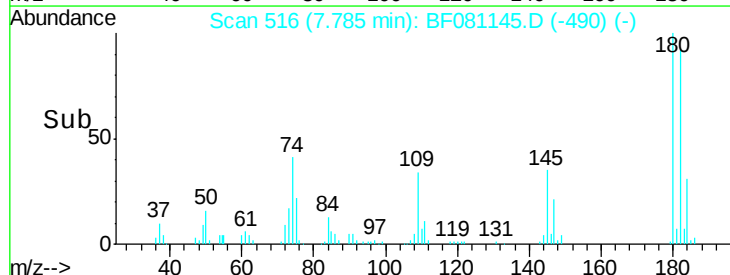
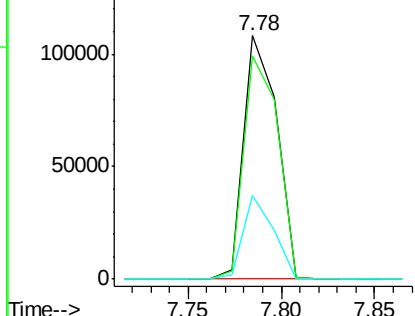


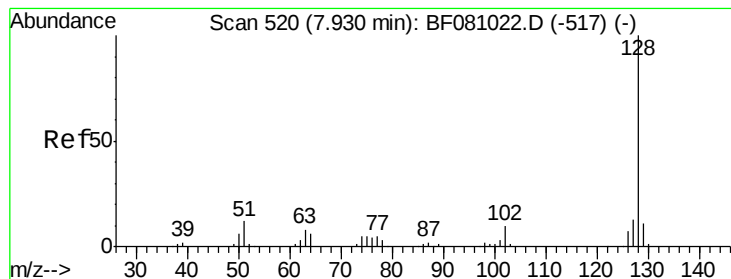
#30
 1,2,4-Trichlorobenzene
 Concen: 39.01 ng
 RT: 7.78 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.4	114.6
145	34.6	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: 38.15 ng

RT: 7.86 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

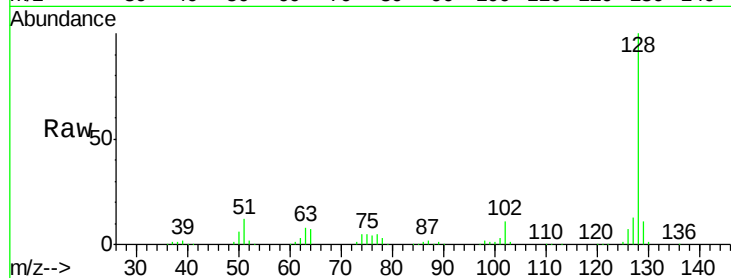
Tot Ion:128 Resp: 461019

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

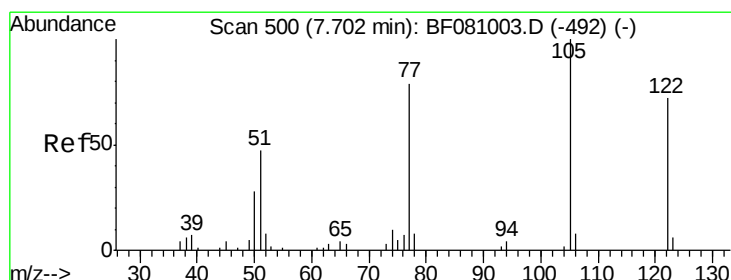
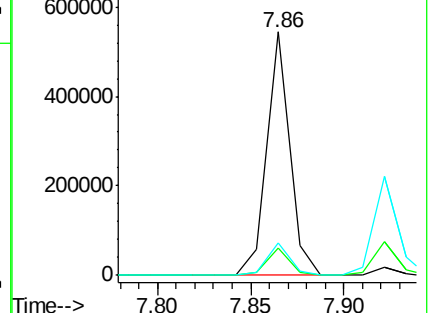
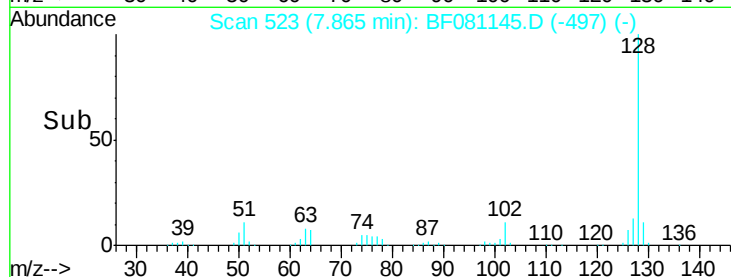
127 13.3 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.63 ng

RT: 7.65 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

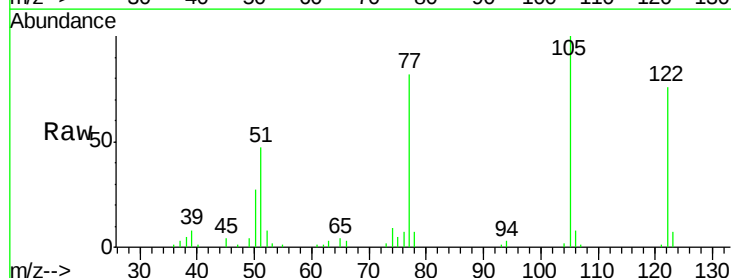
Tgt Ion:122 Resp: 89587

Ion Ratio Lower Upper

122 100

105 132.0 113.8 153.8

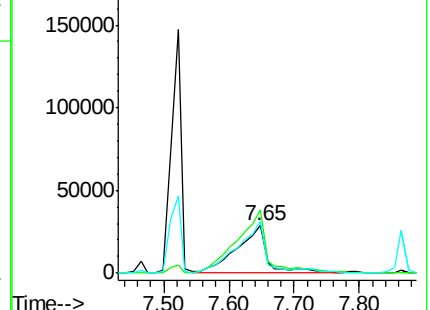
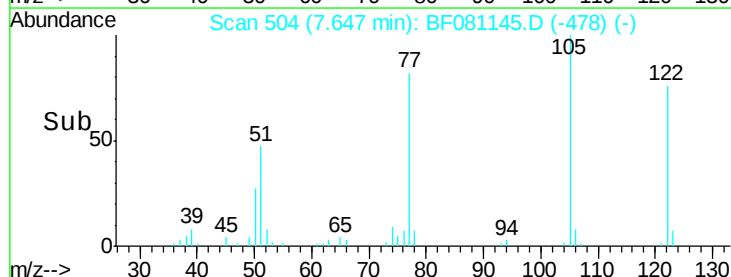
77 108.2 93.8 133.8

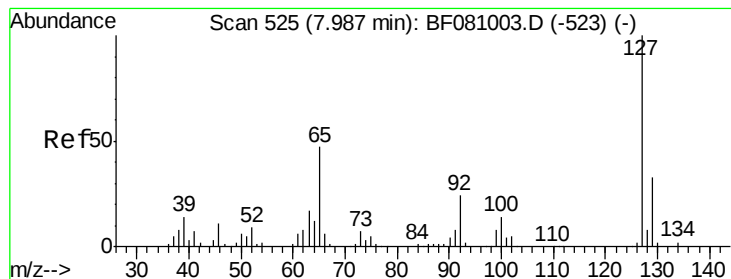


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.64 ng

RT: 7.92 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 197015

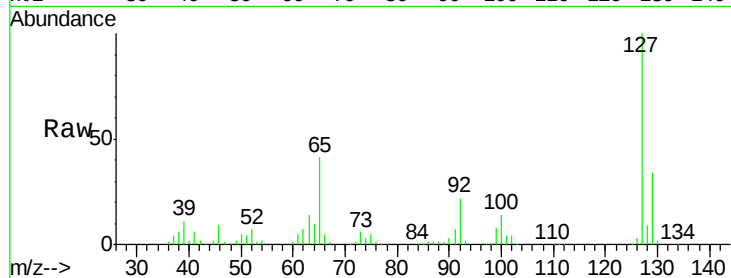
Ion Ratio Lower Upper

127 100

129 33.8 25.2 37.8

65 40.6 37.8 56.6

92 21.9 19.5 29.3

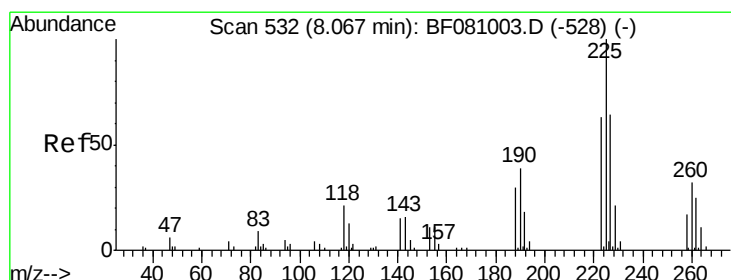
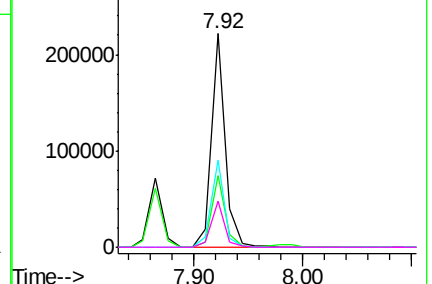
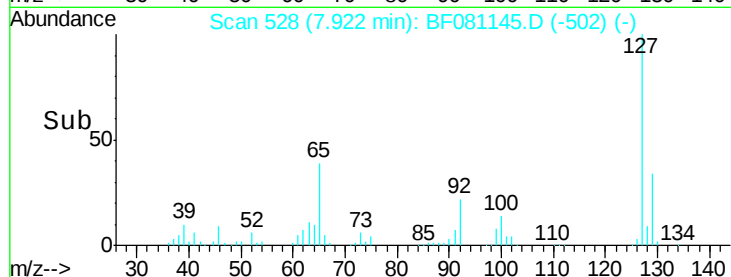


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.45 ng

RT: 7.99 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

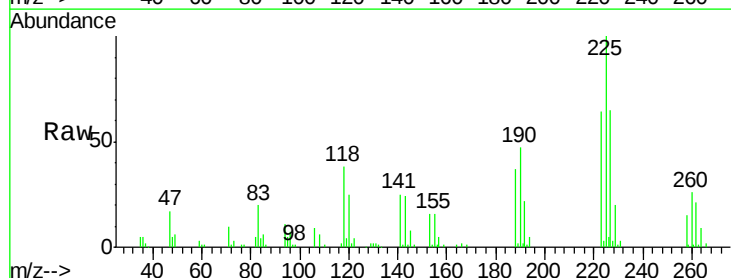
Tgt Ion:225 Resp: 80063

Ion Ratio Lower Upper

225 100

223 64.2 52.6 79.0

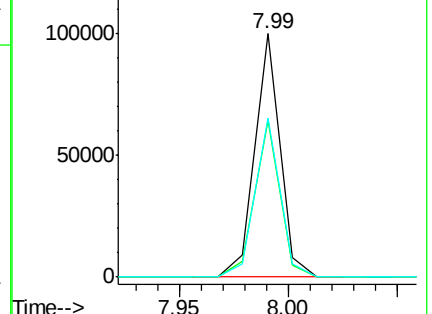
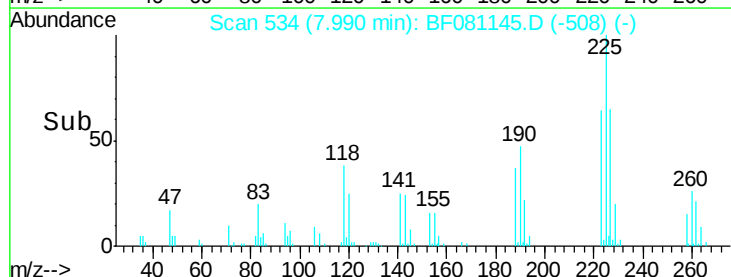
227 65.4 51.1 76.7

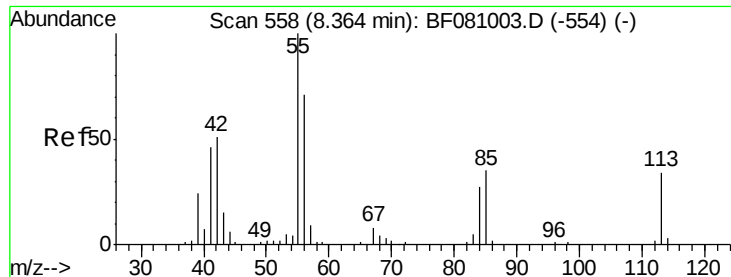


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.22 ng

RT: 8.30 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

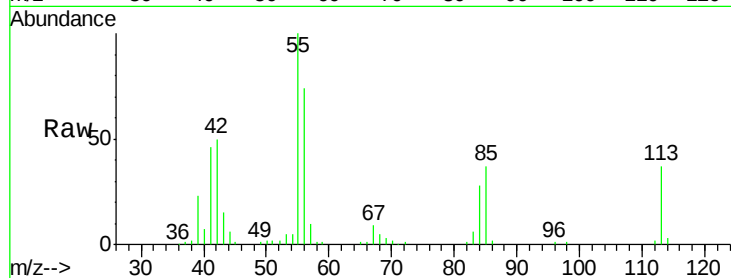
Tot Ion:113 Resp: 45342

Ion Ratio Lower Upper

113 100

55 273.4 280.4 320.4#

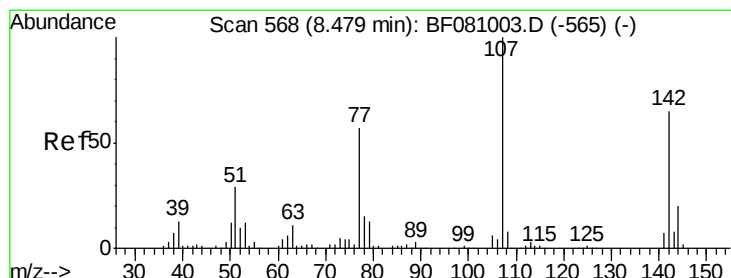
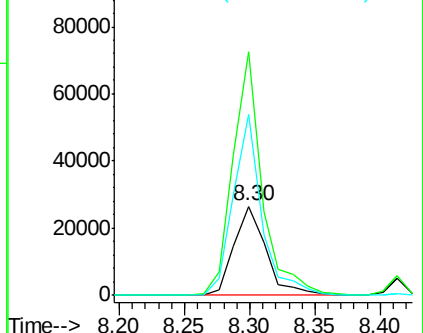
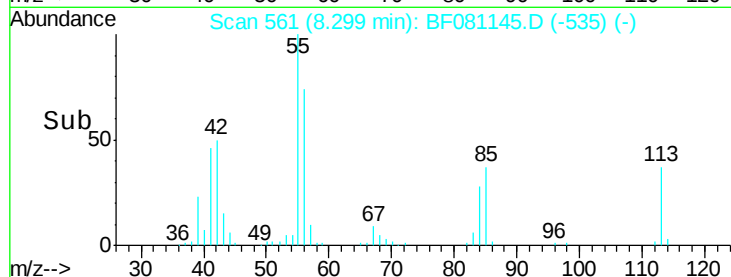
56 202.9 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.24 ng

RT: 8.41 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

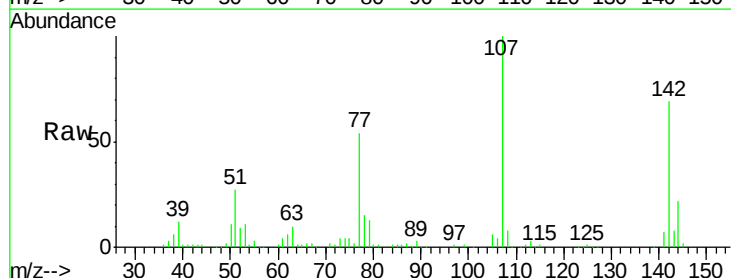
Tgt Ion:107 Resp: 158373

Ion Ratio Lower Upper

107 100

144 21.8 17.2 25.8

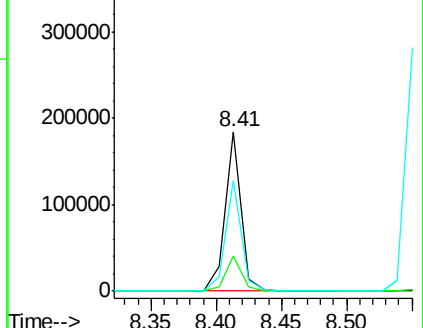
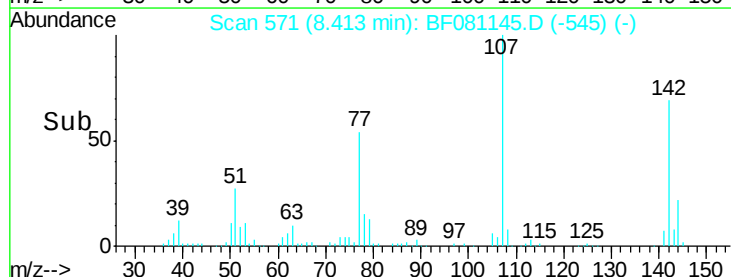
142 69.1 54.9 82.3

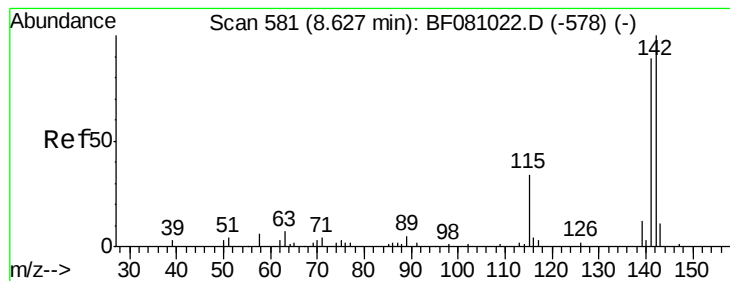


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.03 ng

RT: 8.55 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

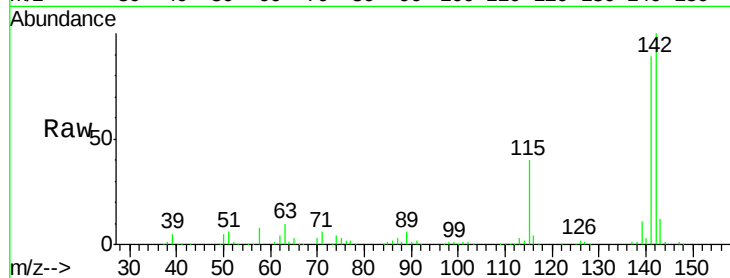
Tot Ion:142 Resp: 297871

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

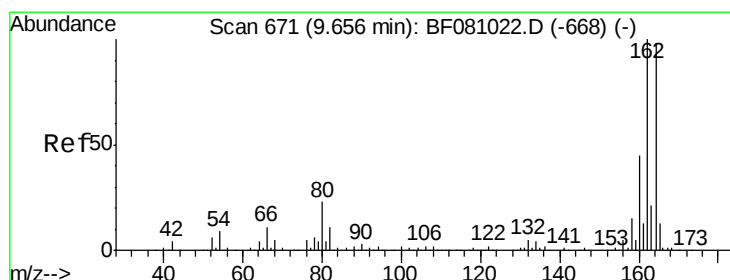
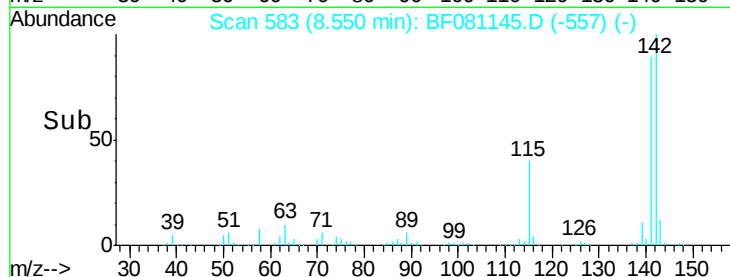
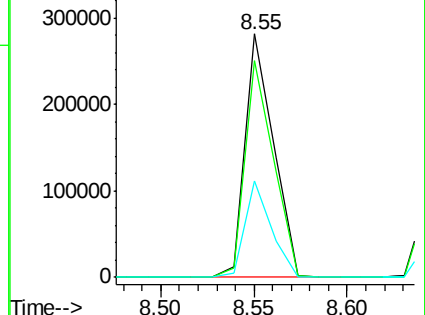
115 39.5 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

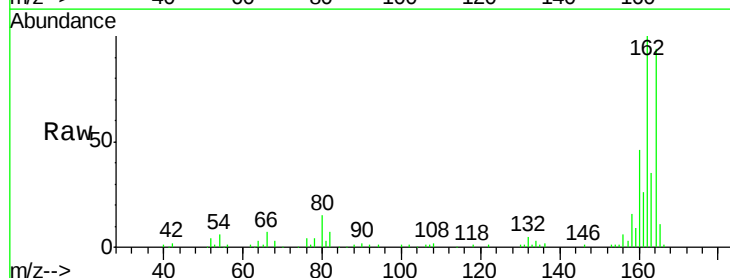
Tgt Ion:164 Resp: 104049

Ion Ratio Lower Upper

164 100

162 106.2 83.8 125.8

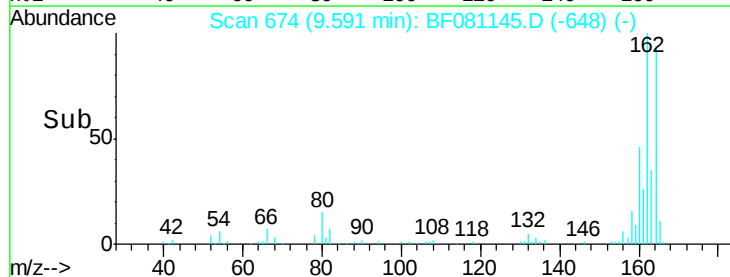
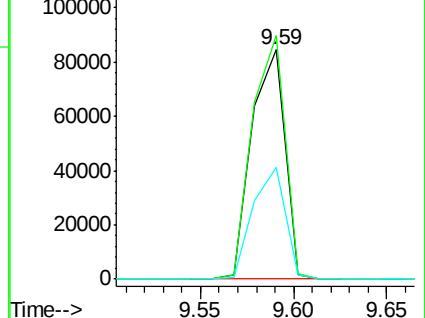
160 48.8 39.8 59.8

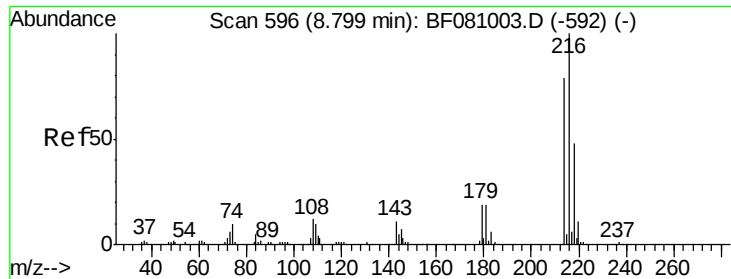


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

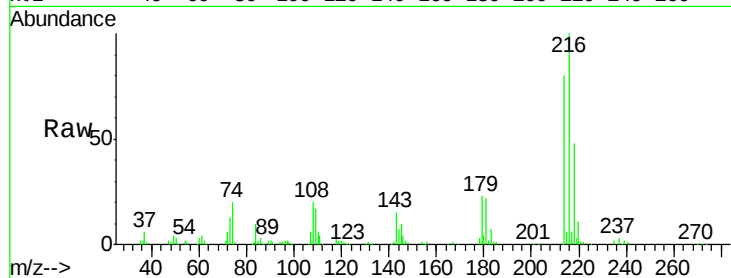




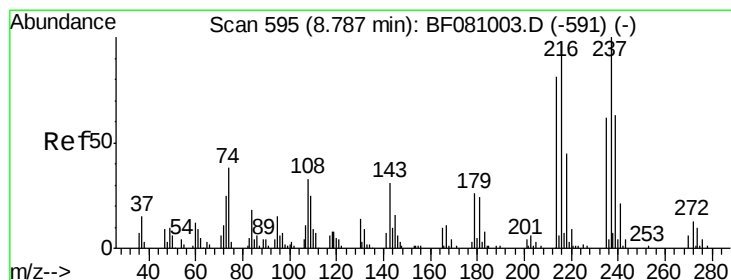
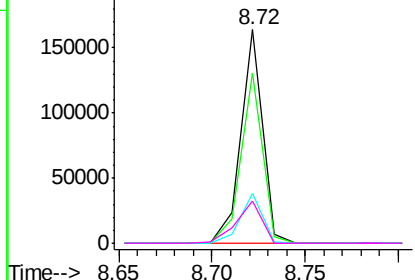
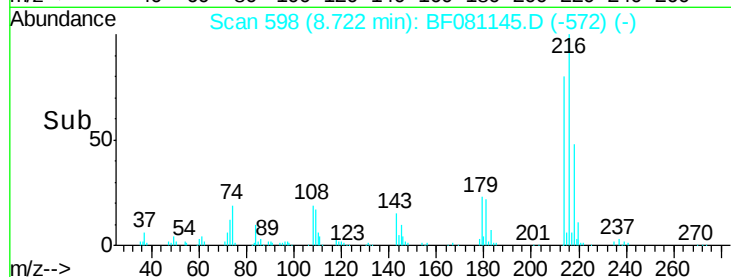
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.84 ng
 RT: 8.72 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	133757
Ion Ratio	Lower	Upper
216	100	
214	79.2	63.8 95.8
179	23.6	17.8 26.8
108	23.4	16.2 24.2

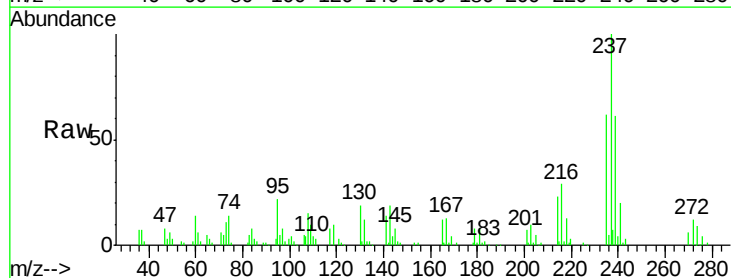


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

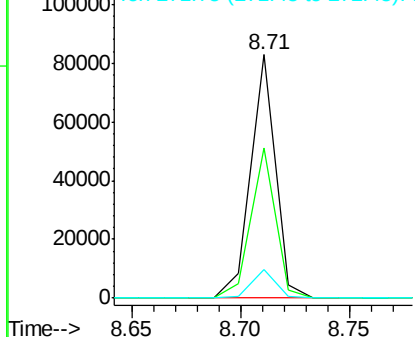
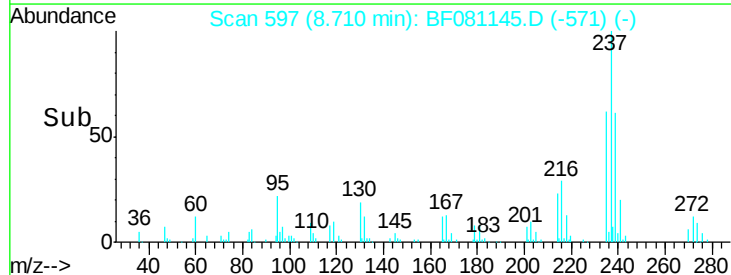


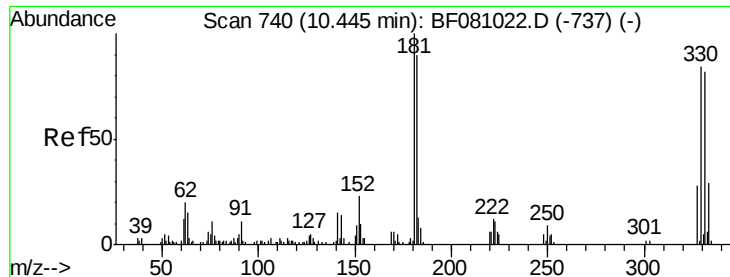
#40
 Hexachlorocyclopentadiene
 Concen: 37.85 ng
 RT: 8.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:237	Resp:	65759
Ion Ratio	Lower	Upper
237	100	
235	61.8	43.6 83.6
272	11.9	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: 75.71 ng

RT: 10.37 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

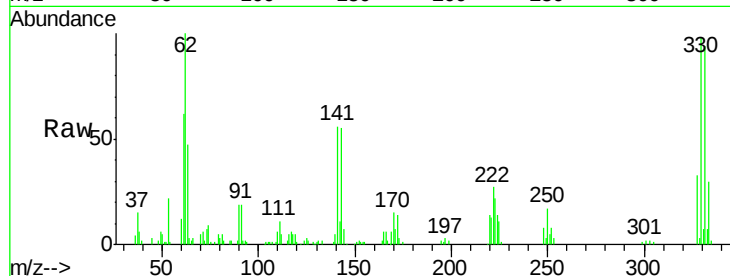
Tot Ion:330 Resp: 68282

Ion Ratio Lower Upper

330 100

332 95.9 77.3 115.9

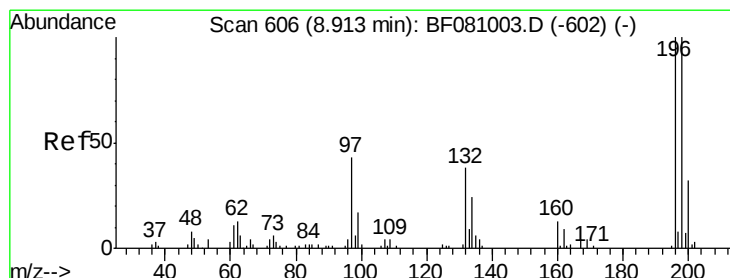
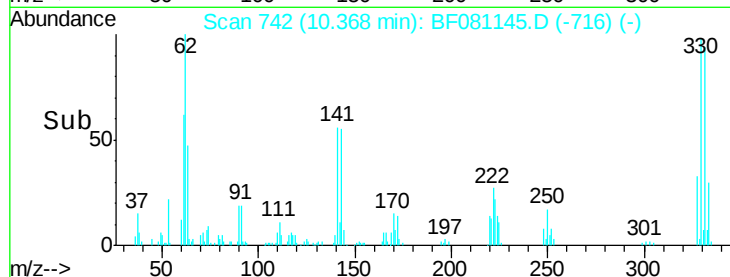
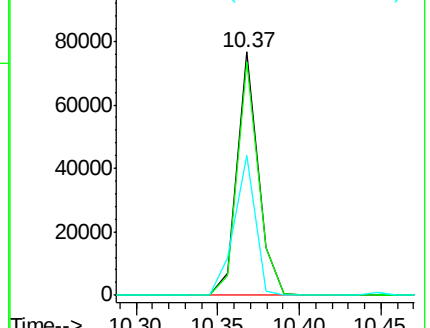
141 57.7 44.9 67.3



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 40.80 ng

RT: 8.84 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

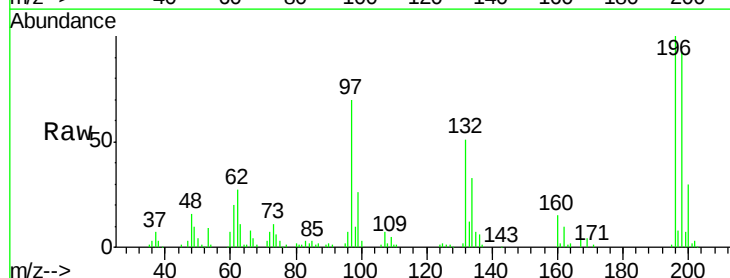
Tgt Ion:196 Resp: 96770

Ion Ratio Lower Upper

196 100

198 92.6 74.6 111.8

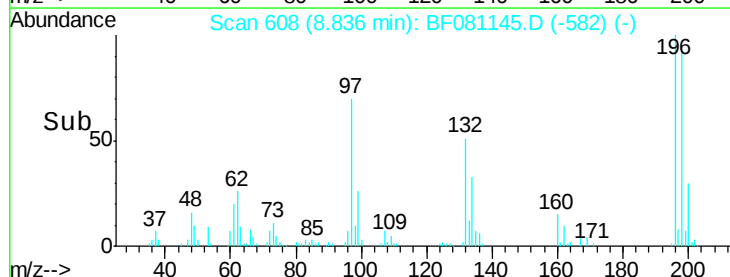
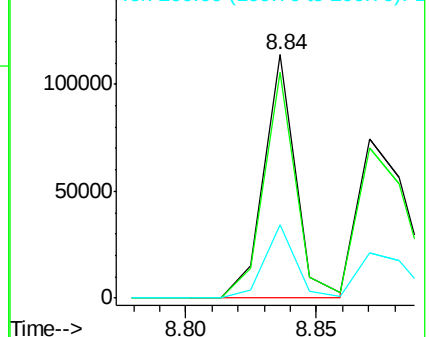
200 30.3 22.7 34.1

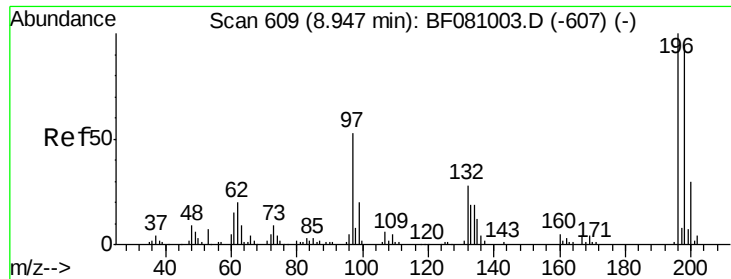


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

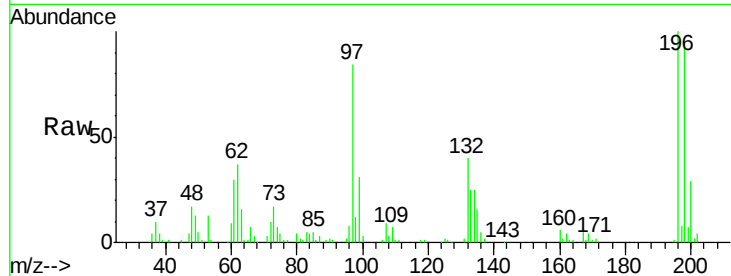




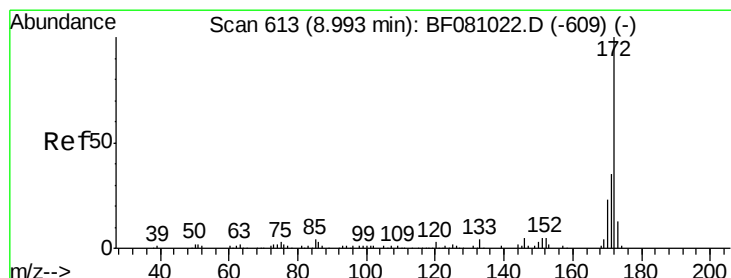
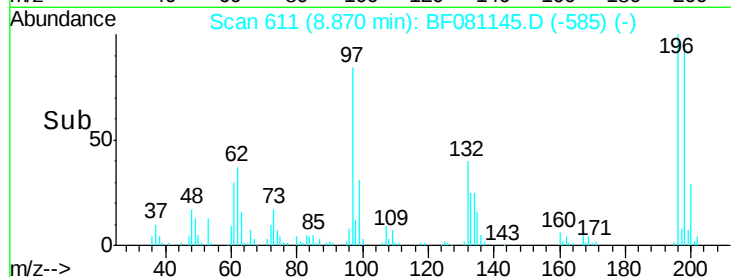
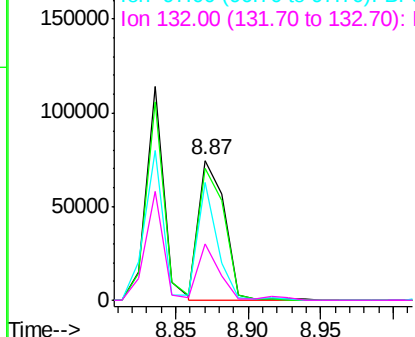
#43
 2,4,5-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 93245
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.3 117.5
 97 84.2 42.7 64.1#
 132 40.1 23.3 34.9#

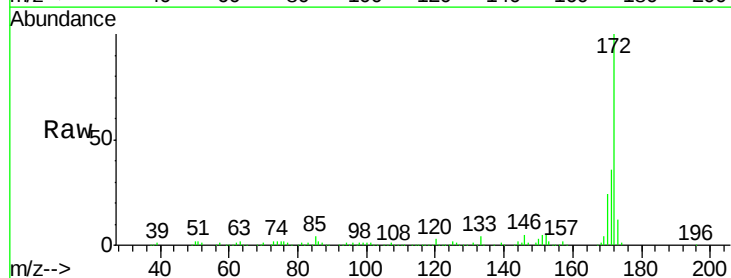


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

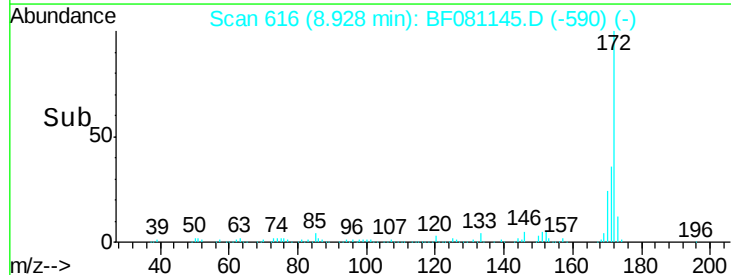
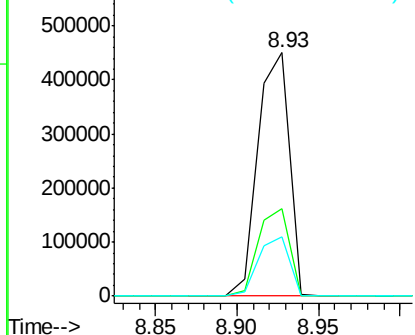


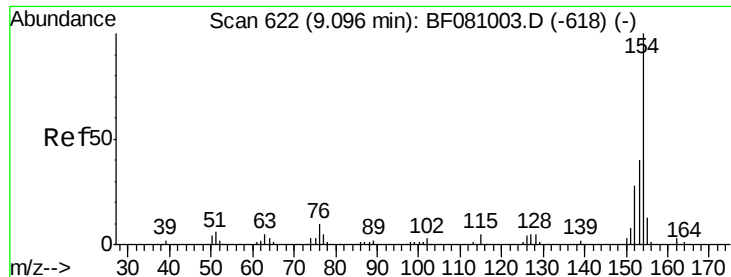
#44
 2-Fluorobiphenyl
 Concen: 76.00 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:172 Resp: 603487
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.3 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.42 ng

RT: 9.02 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

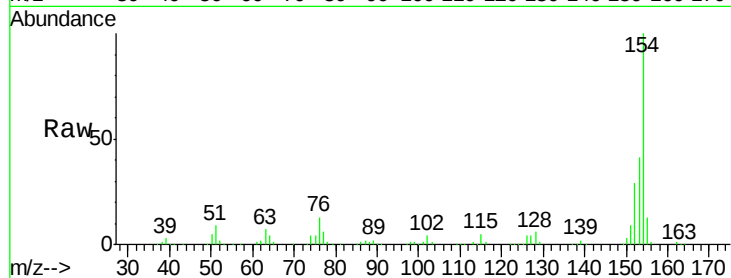
Tot Ion:154 Resp: 370484

Ion Ratio Lower Upper

154 100

153 41.0 19.5 59.5

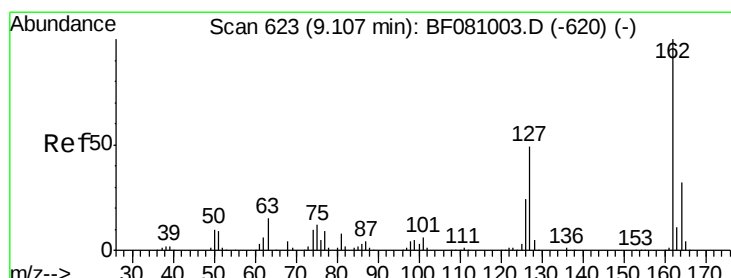
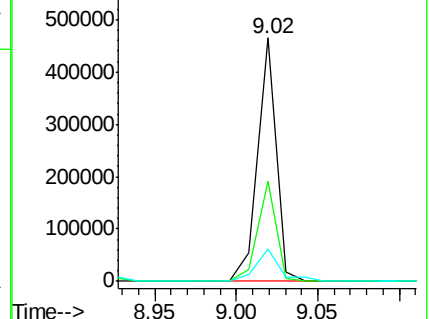
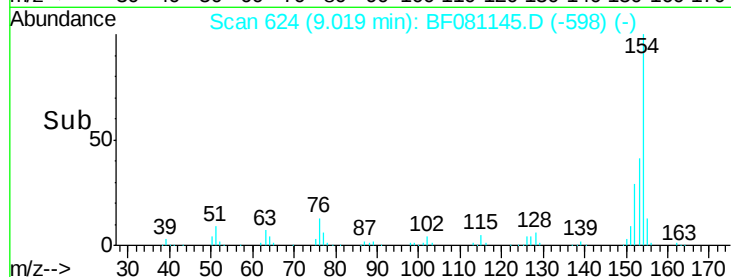
76 13.3 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.63 ng

RT: 9.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

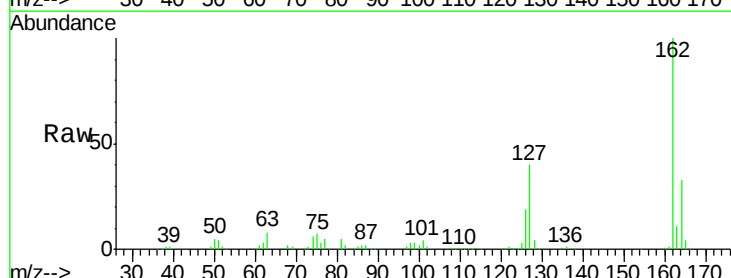
Tgt Ion:162 Resp: 299177

Ion Ratio Lower Upper

162 100

127 40.0 31.3 46.9

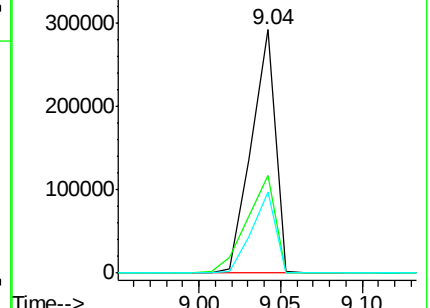
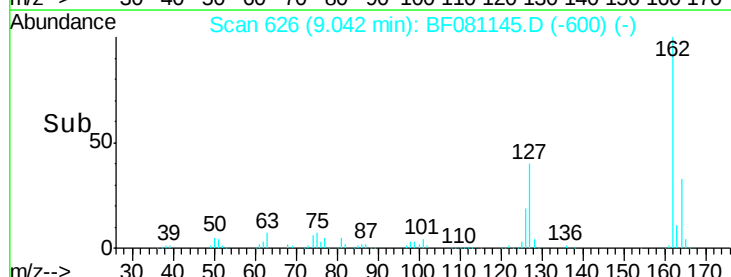
164 33.4 26.3 39.5

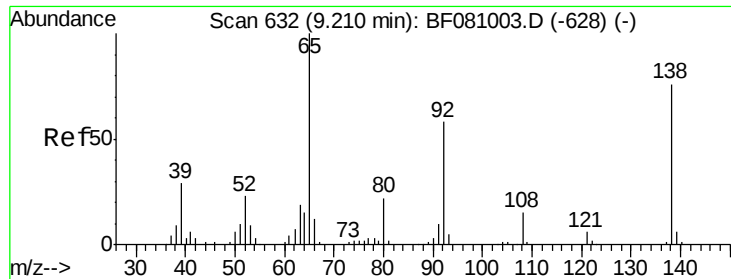


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

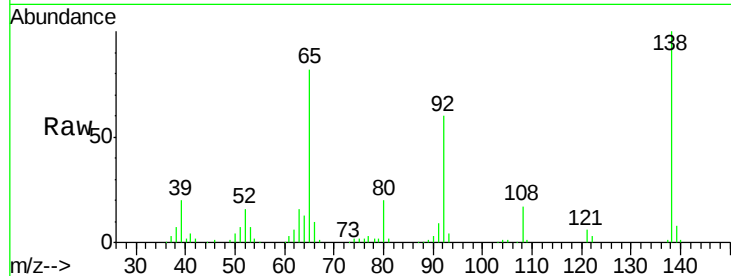




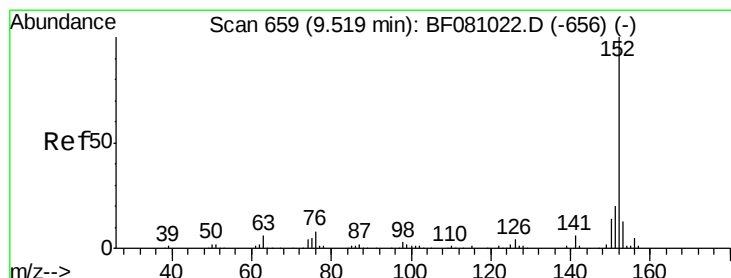
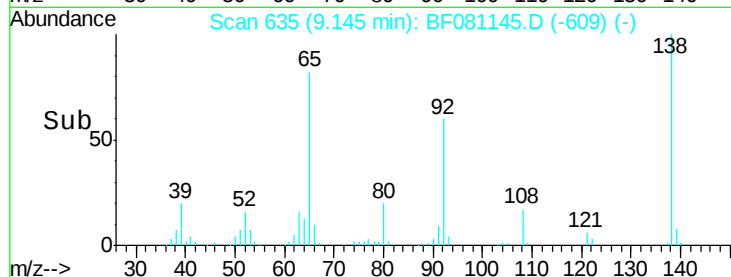
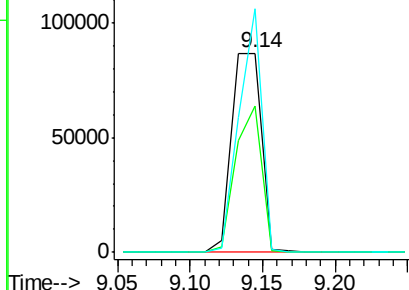
#47
 2-Nitroaniline
 Concen: 41.04 ng
 RT: 9.14 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 123663
 Ion Ratio Lower Upper
 65 100
 92 73.4 45.6 68.4#
 138 122.3 57.9 86.9#

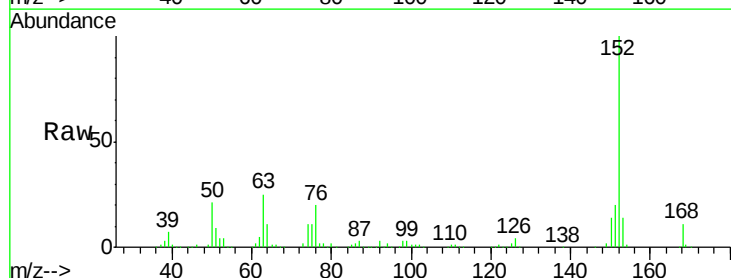


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

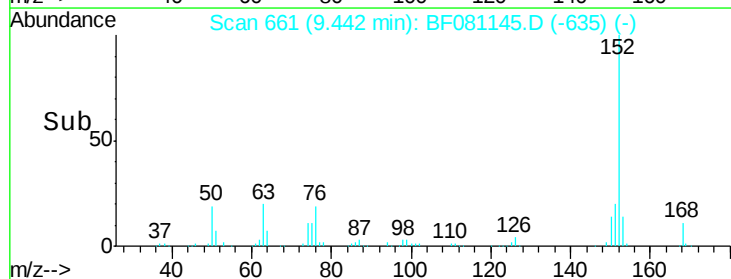
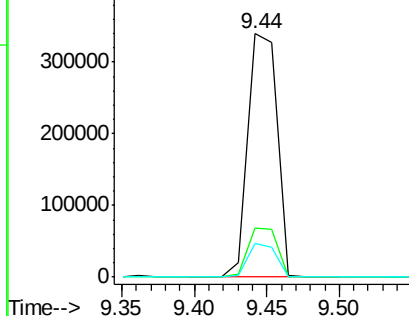


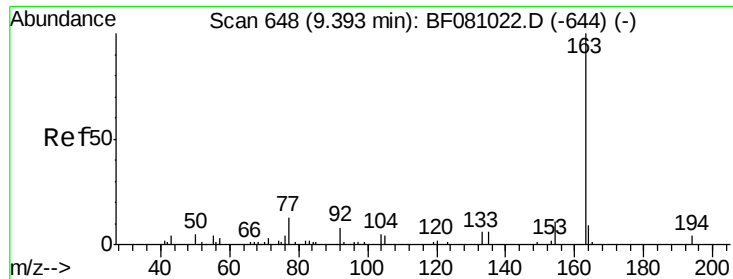
#48
 Acenaphthylene
 Concen: 36.03 ng
 RT: 9.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion: 152 Resp: 474501
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.1 24.1
 153 13.7 9.8 14.6



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

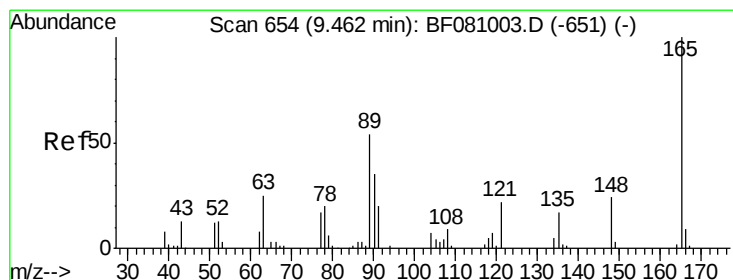
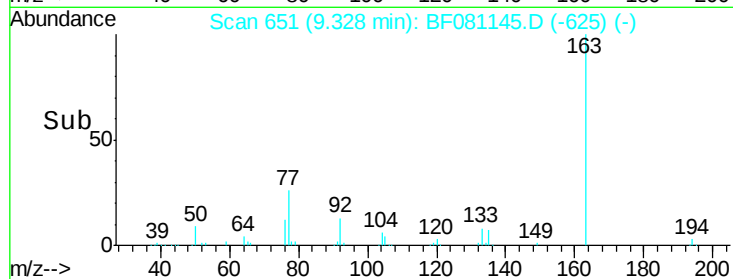
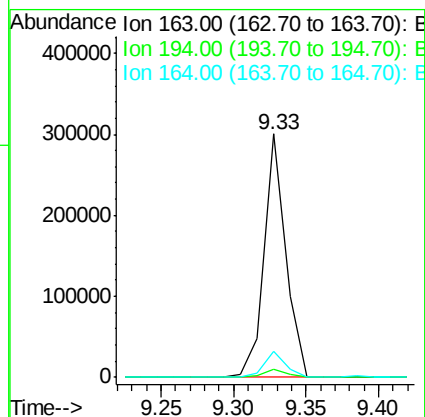
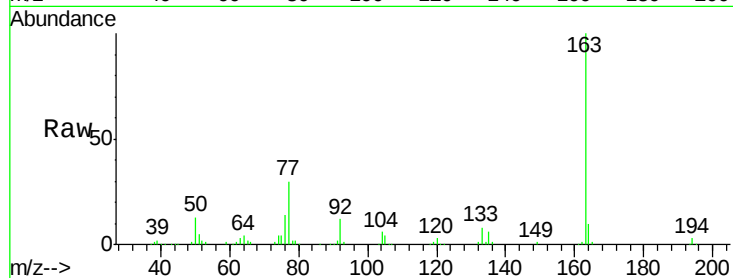




#49
Dimethylphthalate
Concen: 36.31 ng
RT: 9.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

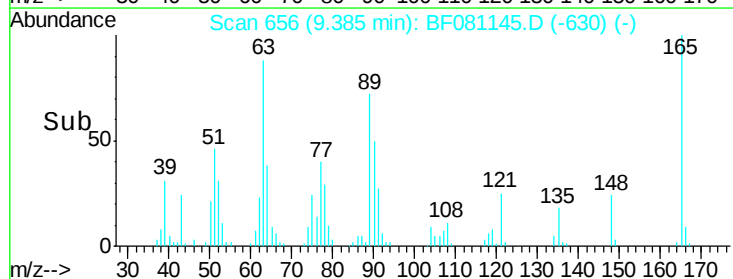
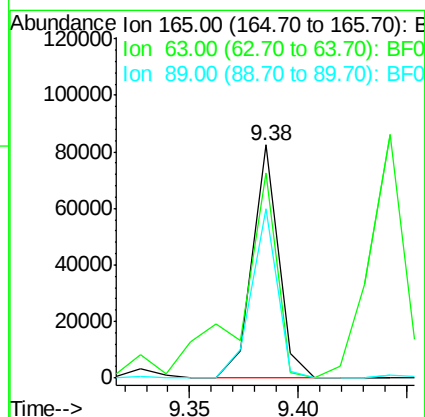
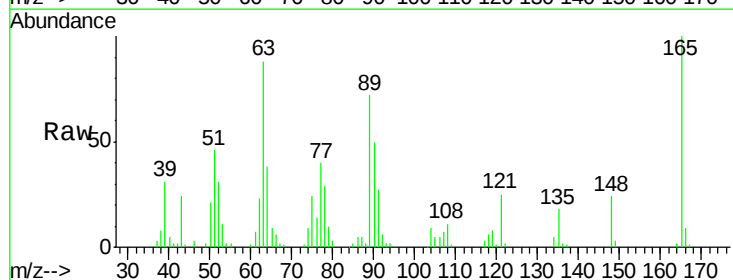
Instrument :
BNA_F
ClientSampleId :

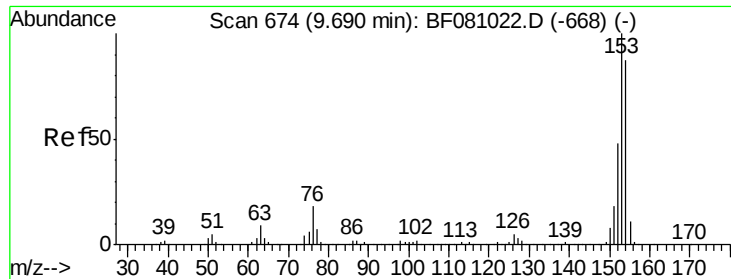
Tot Ion:163 Resp: 311159
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.5 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 37.57 ng
RT: 9.38 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:165 Resp: 69116
Ion Ratio Lower Upper
165 100
63 87.8 49.5 74.3#
89 72.4 47.6 71.4#





#51

Acenaphthene

Concen: 36.49 ng

RT: 9.62 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

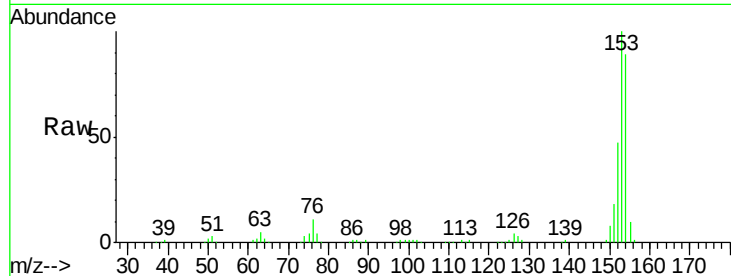
Tot Ion:154 Resp: 287695

Ion Ratio Lower Upper

154 100

153 112.6 91.4 137.2

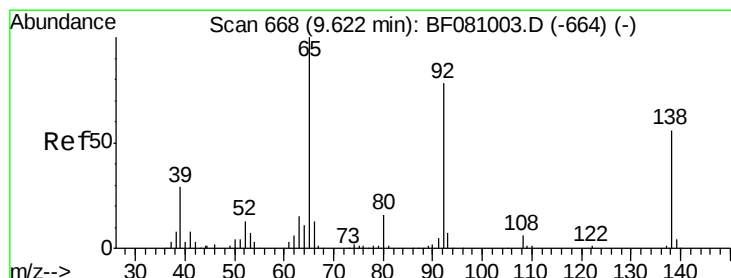
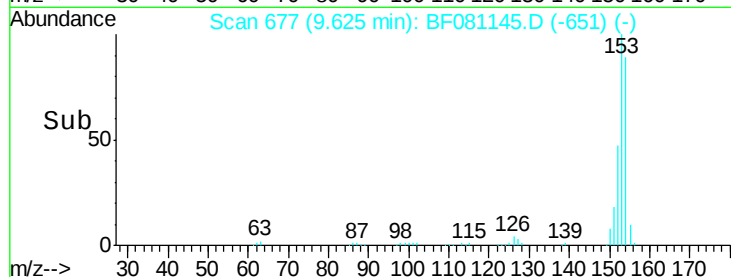
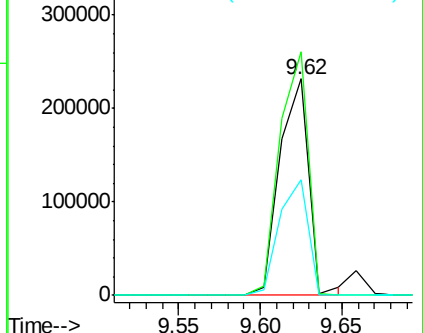
152 53.5 43.7 65.5



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: 41.54 ng

RT: 9.56 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

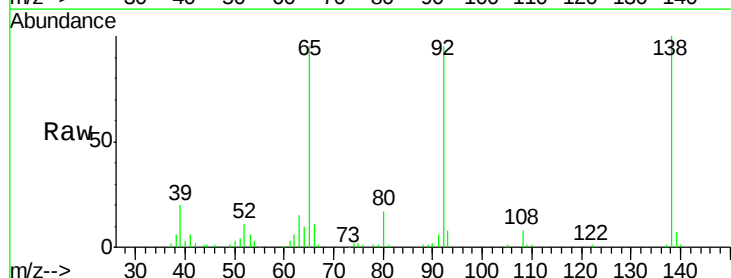
Tgt Ion:138 Resp: 95642

Ion Ratio Lower Upper

138 100

108 8.4 9.4 14.2#

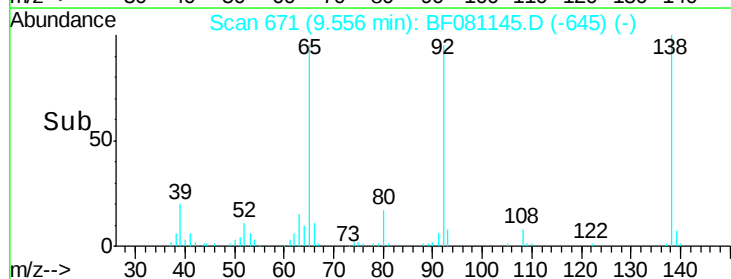
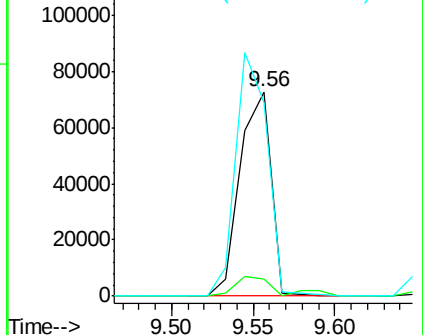
92 94.7 113.2 169.8#

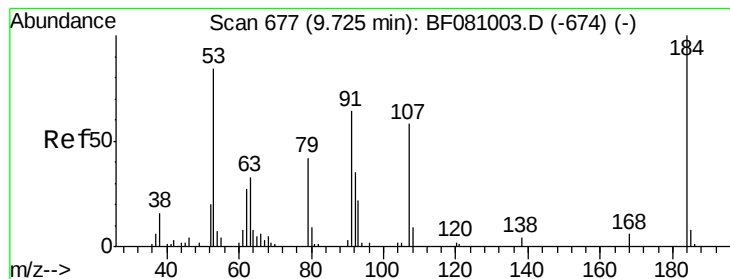


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 45.91 ng

RT: 9.66 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

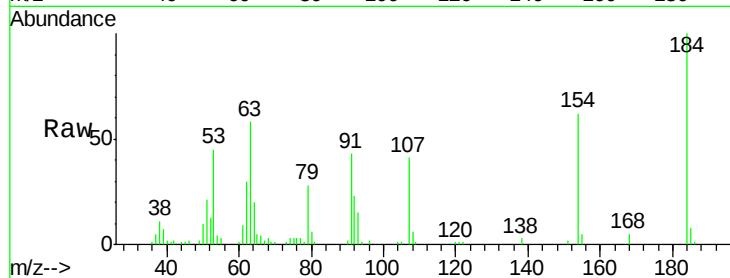
Tot Ion:184 Resp: 42021

Ion Ratio Lower Upper

184 100

63 58.5 101.7 152.5#

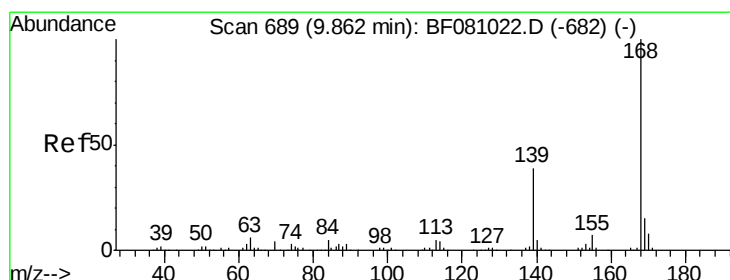
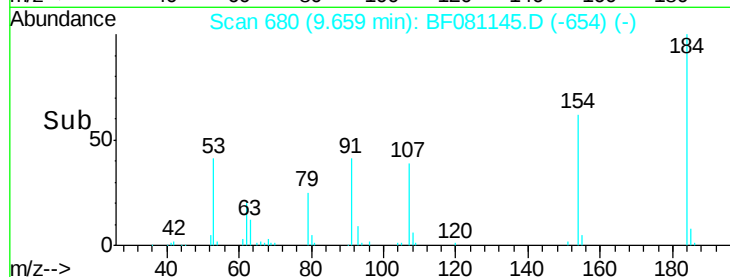
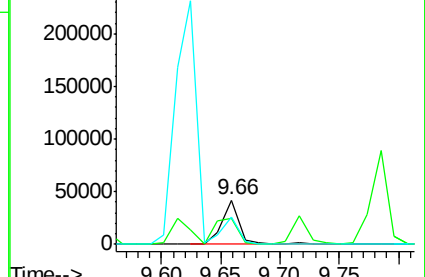
154 62.4 67.4 101.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.24 ng

RT: 9.78 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

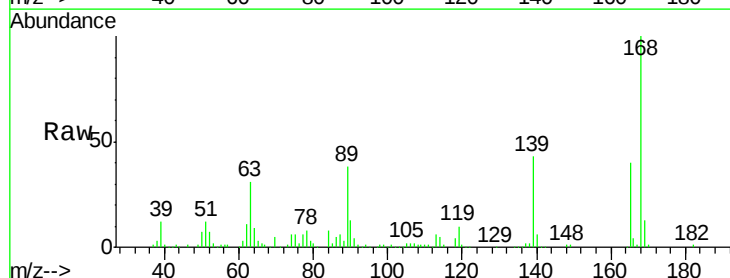
Tgt Ion:168 Resp: 382954

Ion Ratio Lower Upper

168 100

139 43.3 29.3 43.9

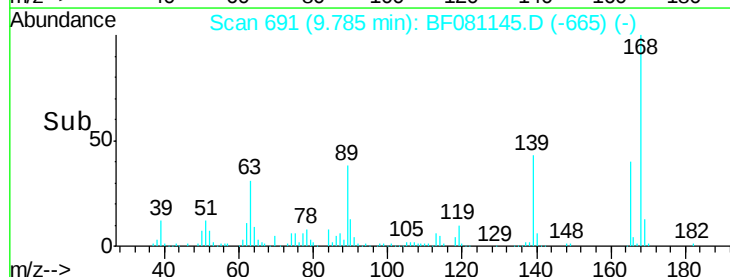
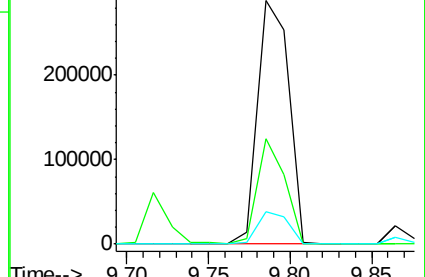
169 13.4 10.3 15.5

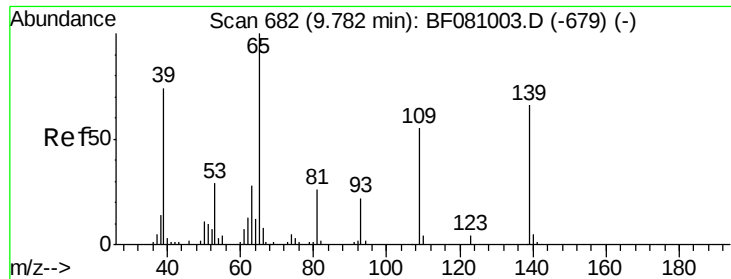


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

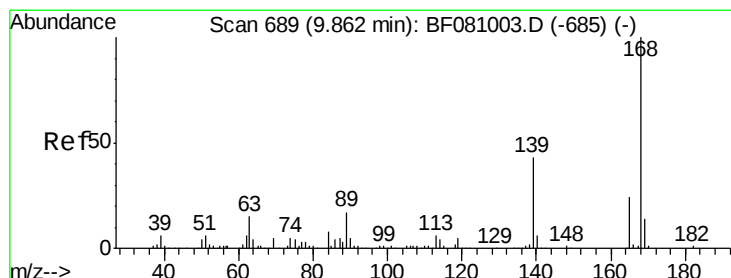
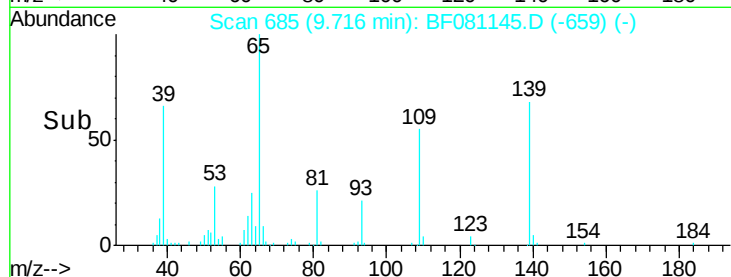
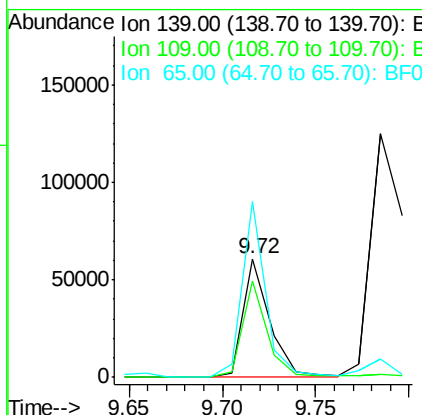
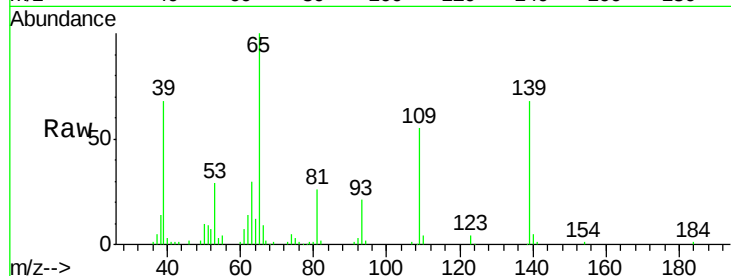




#55
4-Nitrophenol
Concen: 37.79 ng
RT: 9.72 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

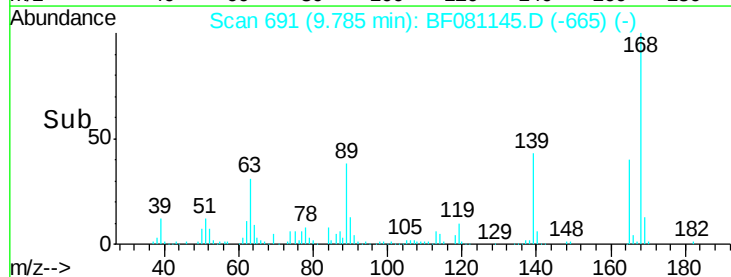
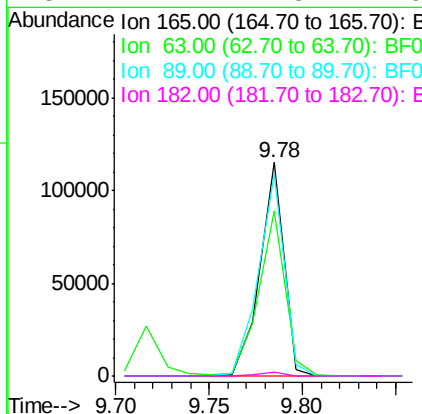
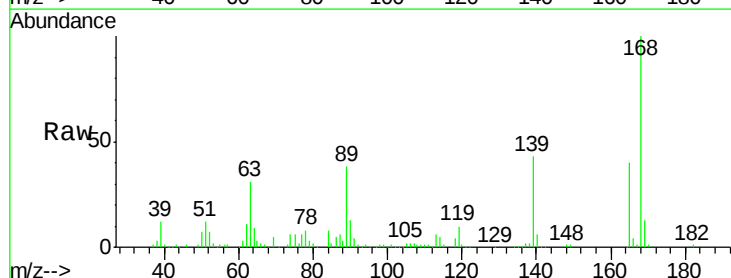
Instrument :
BNA_F
ClientSampleId :

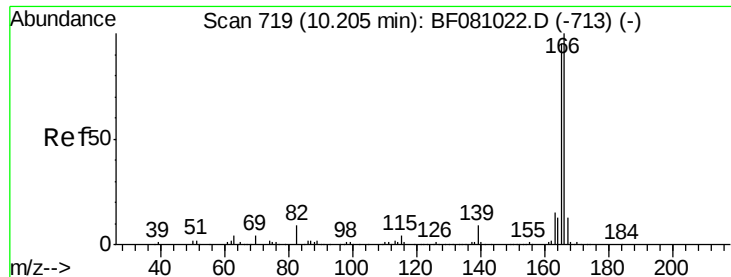
Tot Ion:139 Resp: 61103
Ion Ratio Lower Upper
139 100
109 81.5 80.0 120.0
65 147.5 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 41.70 ng
RT: 9.78 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:165 Resp: 101687
Ion Ratio Lower Upper
165 100
63 77.6 52.2 78.4
89 94.6 60.1 90.1#
182 1.7 1.8 2.6#

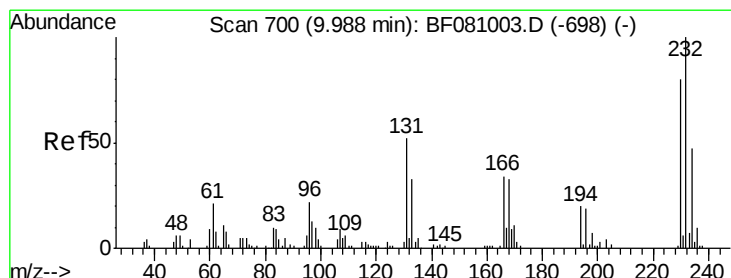
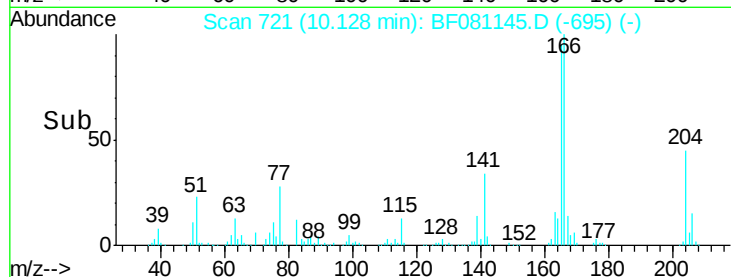
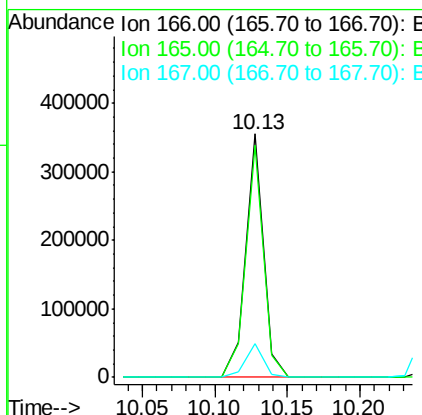
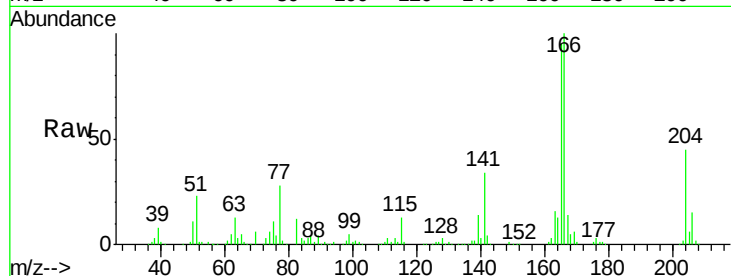




#57
 Fluorene
 Concen: 37.38 ng
 RT: 10.13 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

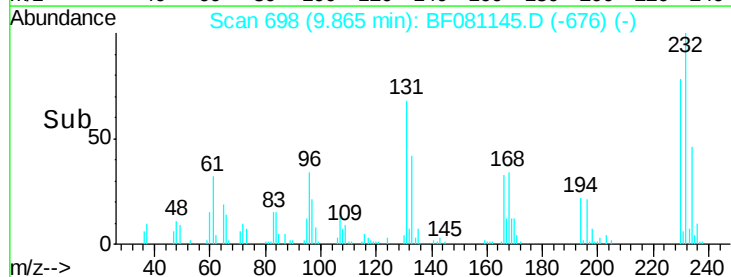
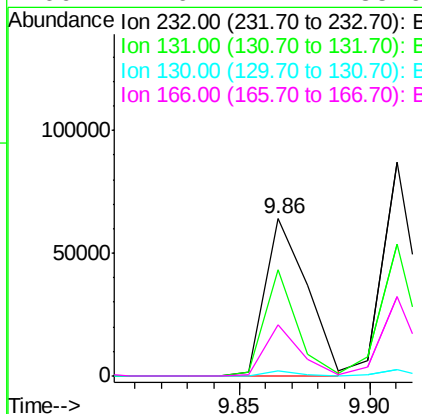
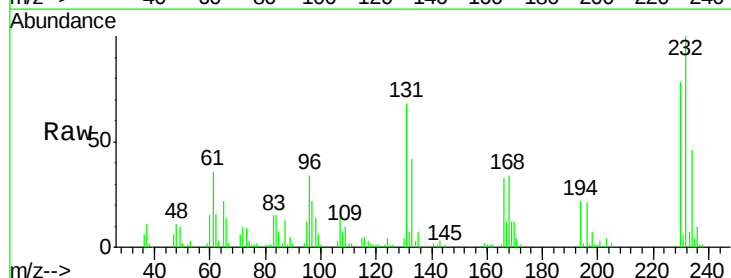
Instrument :
 BNA_F
 ClientSampleId :

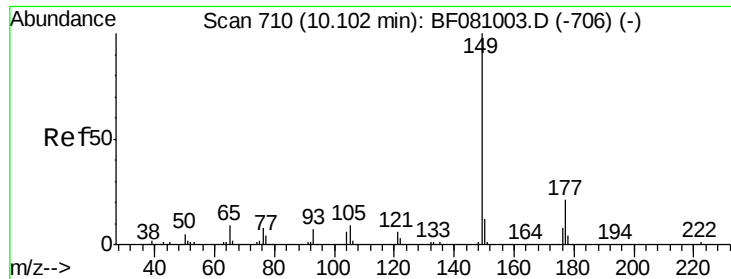
Tot Ion:166 Resp: 303863
 Ion Ratio Lower Upper
 166 100
 165 95.4 75.8 113.8
 167 13.7 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.19 ng
 RT: 9.86 min Scan# 698
 Delta R.T. -0.05 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:232 Resp: 71903
 Ion Ratio Lower Upper
 232 100
 131 52.4 42.2 63.4
 130 2.7 2.1 3.1
 166 27.6 22.4 33.6

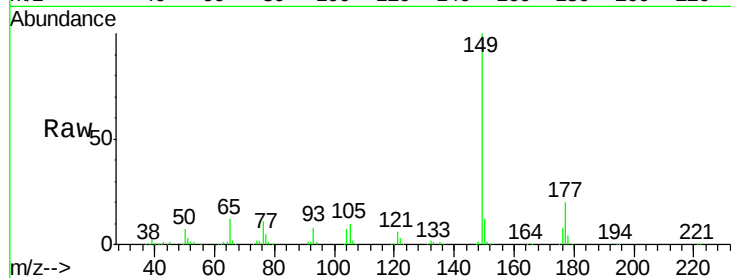




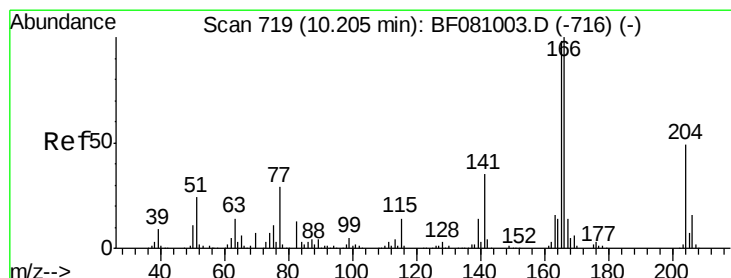
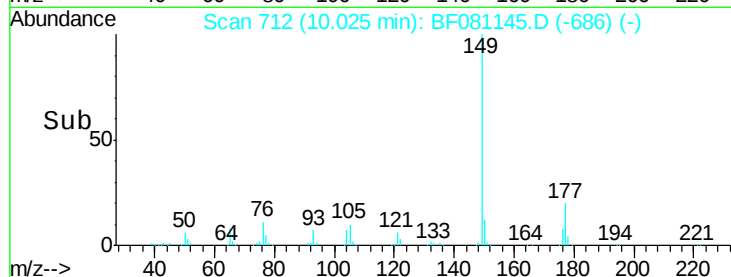
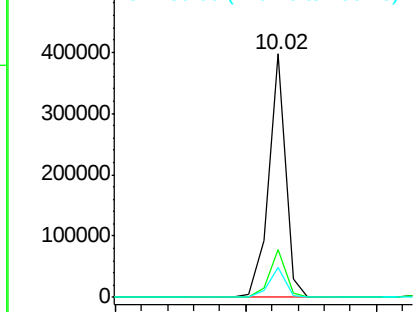
#59
Diethylphthalate
Concen: 39.57 ng
RT: 10.02 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 358939
Ion Ratio Lower Upper
149 100
177 19.6 14.1 21.1
150 12.4 10.3 15.5

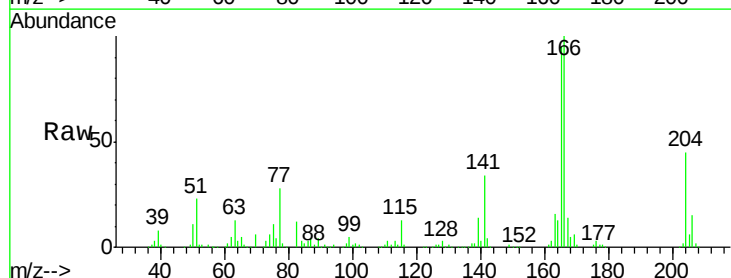


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

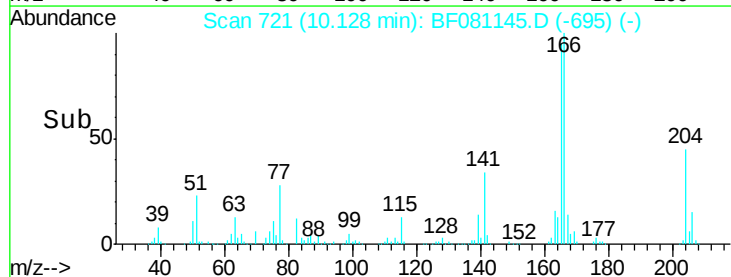
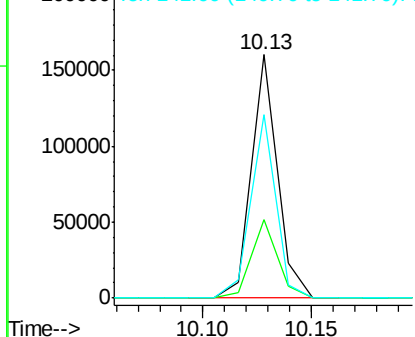


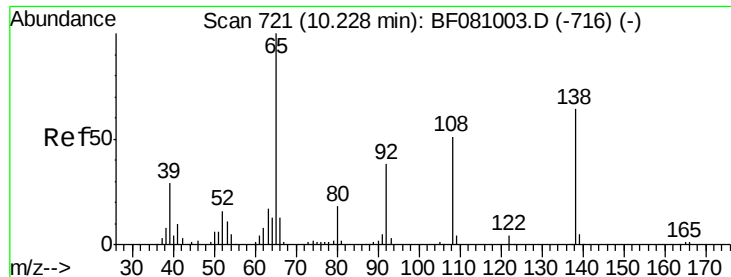
#60
4-Chlorophenyl-phenylether
Concen: 38.68 ng
RT: 10.13 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:204 Resp: 133035
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 75.5 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: 45.73 ng

RT: 10.16 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

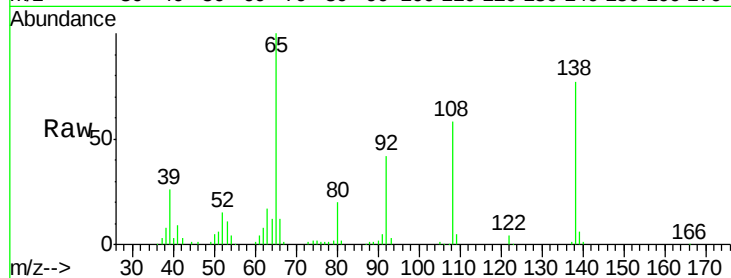
Tot Ion:138 Resp: 107600

Ion Ratio Lower Upper

138 100

92 54.6 34.7 74.7

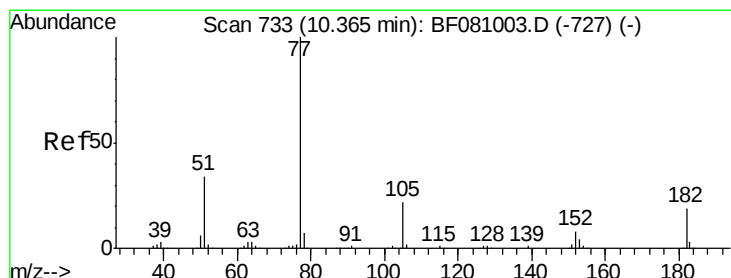
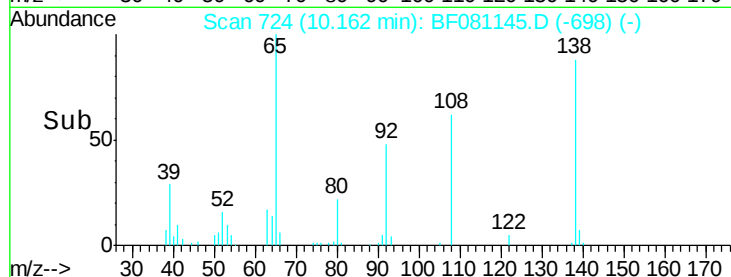
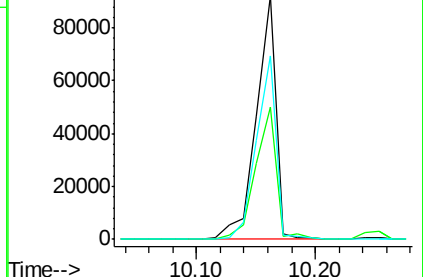
108 75.3 68.9 108.9



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: 41.11 ng

RT: 10.29 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Tgt Ion: 77 Resp: 429675

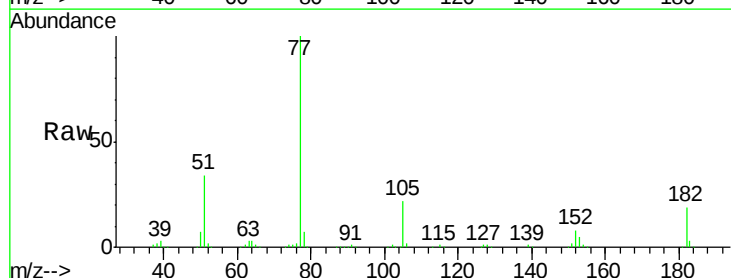
Ion Ratio Lower Upper

77 100

182 19.5 0.0 39.0

105 21.7 0.2 40.2

51 34.2 18.0 58.0

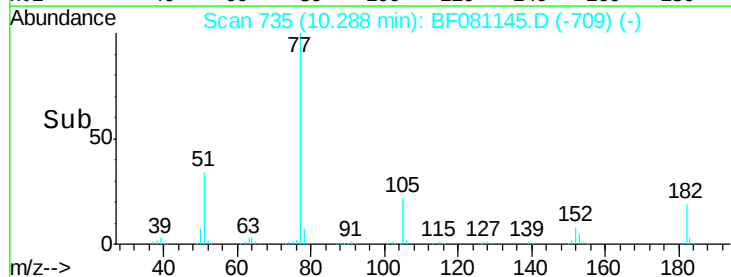
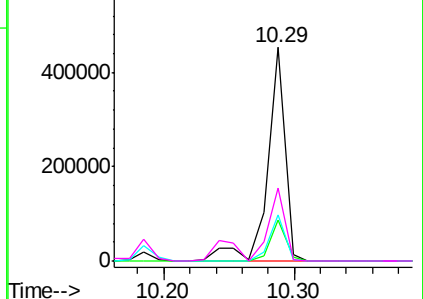


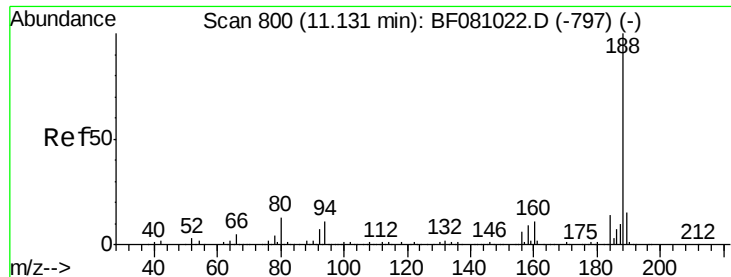
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

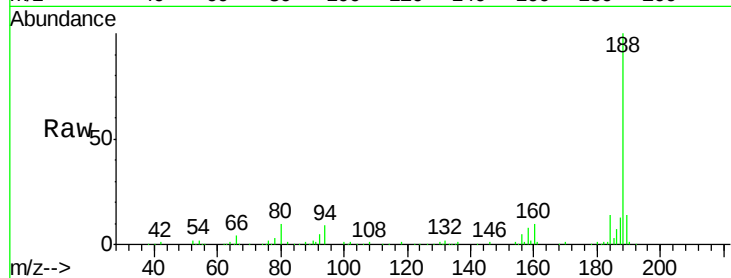




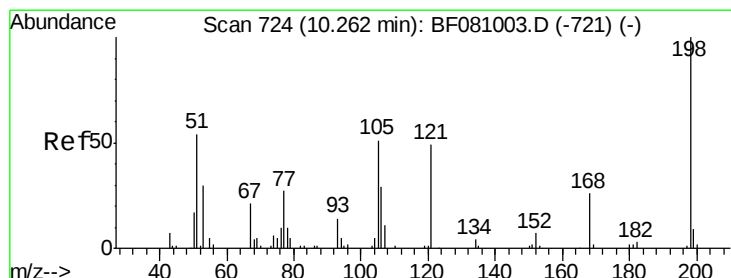
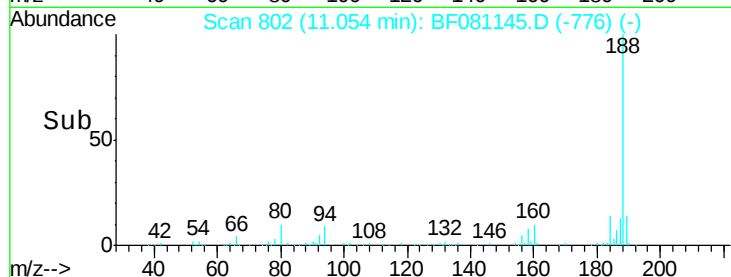
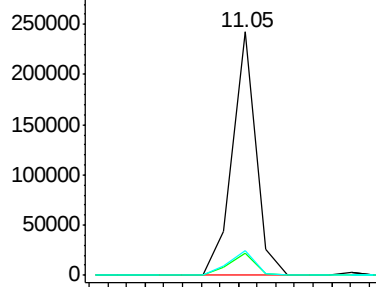
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 215224
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.0 9.5 14.3

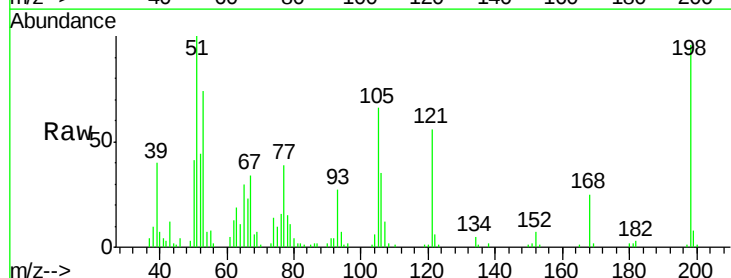


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

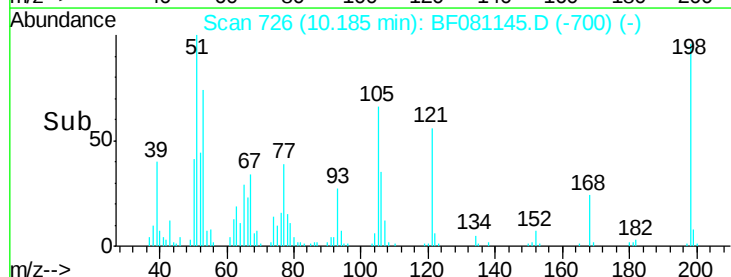
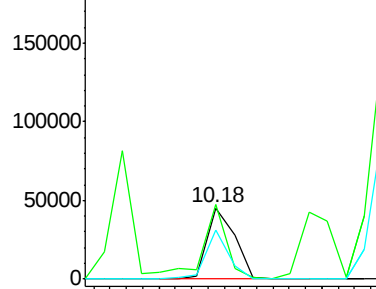


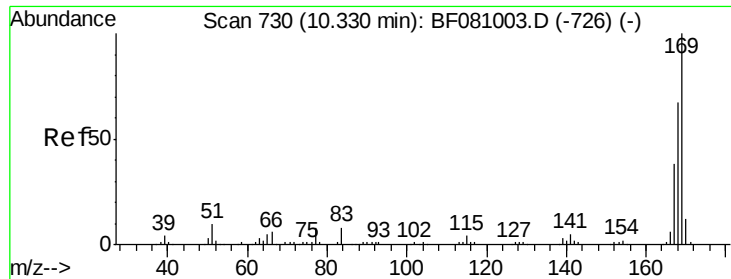
#64
4,6-Dinitro-2-methylphenol
Concen: 41.42 ng
RT: 10.18 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:198 Resp: 53241
Ion Ratio Lower Upper
198 100
51 104.5 79.7 119.7
105 69.5 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

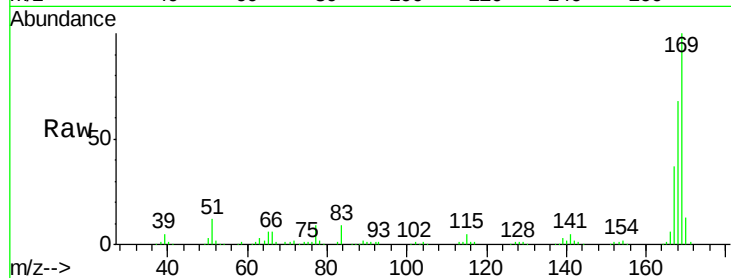




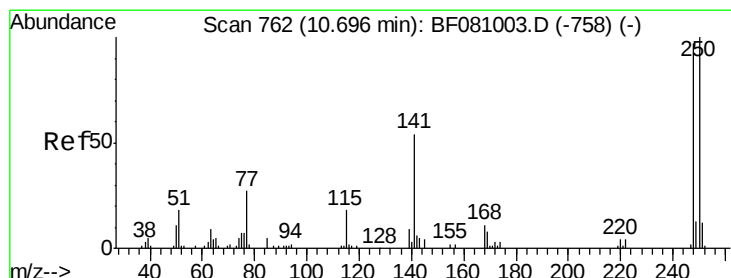
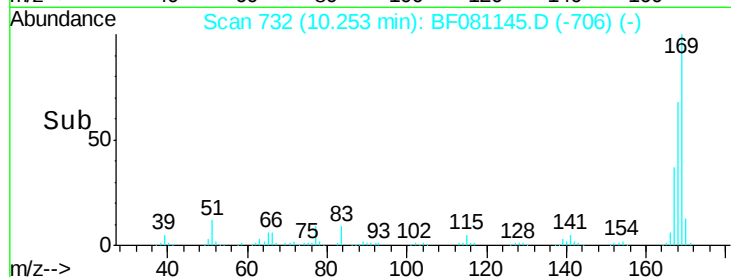
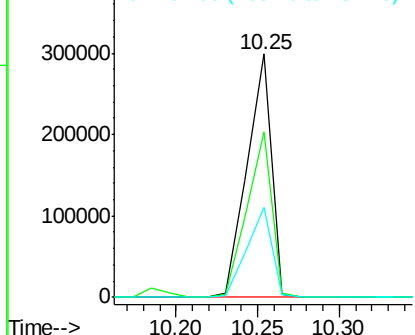
#65
 n-Nitrosodiphenylamine
 Concen: 40.48 ng
 RT: 10.25 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 310990
 Ion Ratio Lower Upper
 169 100
 168 67.9 55.3 82.9
 167 36.8 30.8 46.2

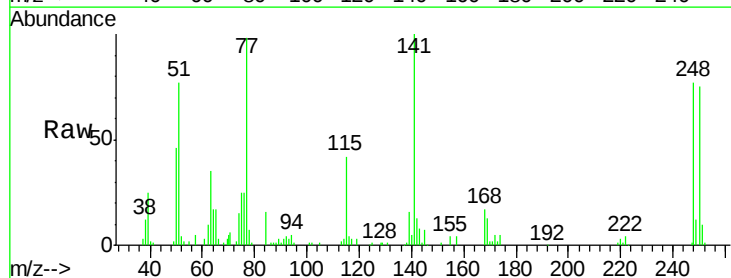


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

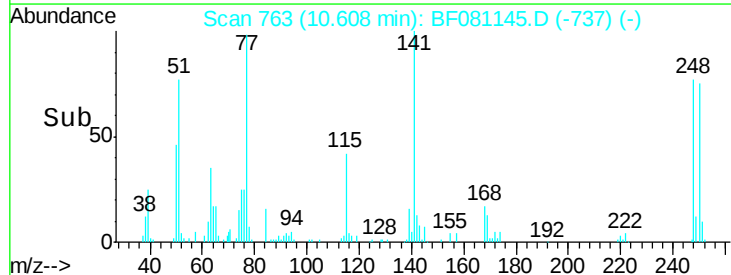
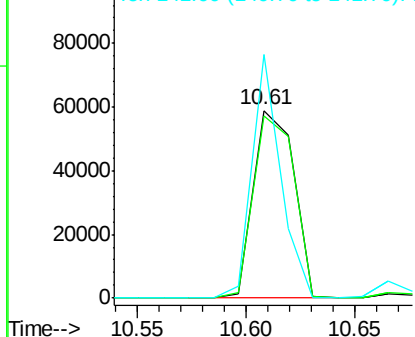


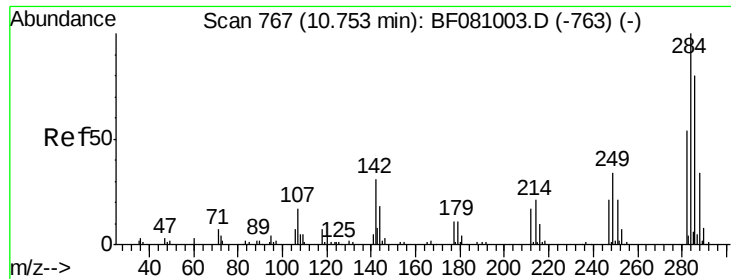
#66
 4-Bromophenyl-phenylether
 Concen: 36.37 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:248 Resp: 76895
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.8 116.6
 141 129.7 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: 39.74 ng

RT: 10.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

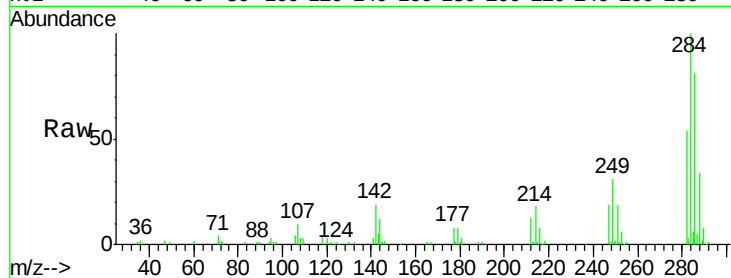
Tot Ion:284 Resp: 85099

Ion Ratio Lower Upper

284 100

142 19.4 25.4 38.0#

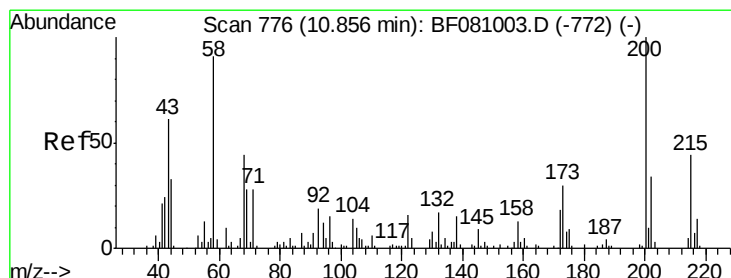
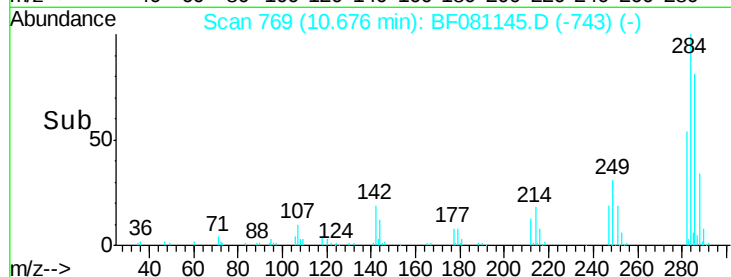
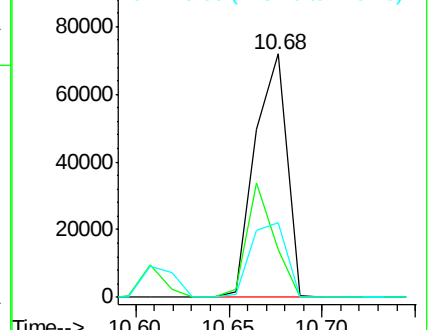
249 30.7 28.5 42.7



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: 34.48 ng

RT: 10.78 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

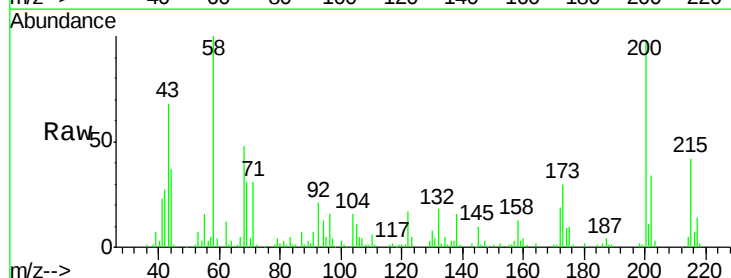
Tgt Ion:200 Resp: 73809

Ion Ratio Lower Upper

200 100

173 30.3 8.1 48.1

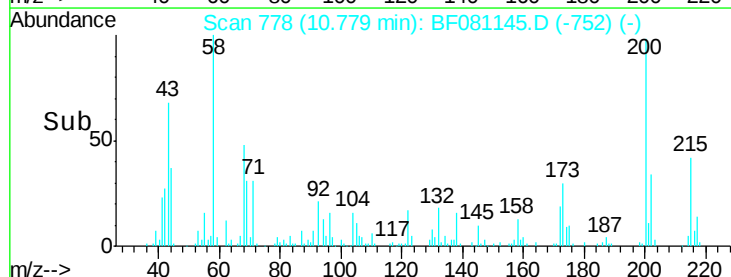
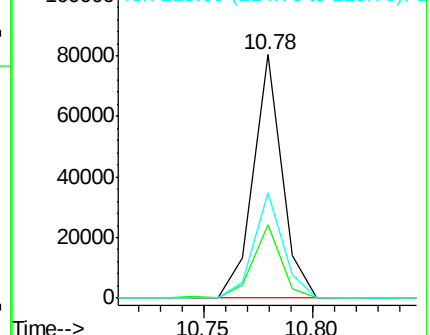
215 43.3 23.3 63.3

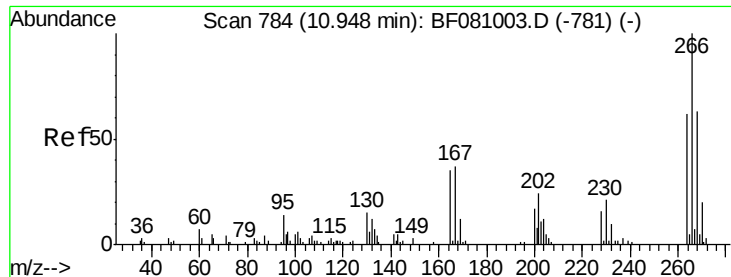


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

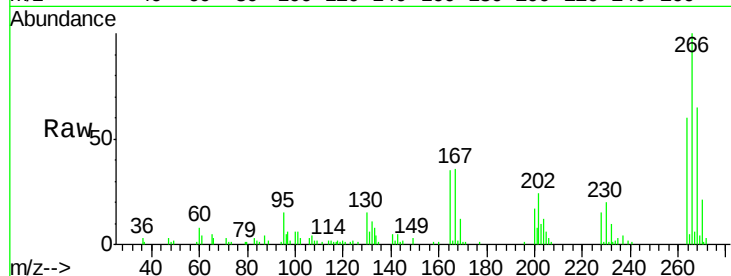




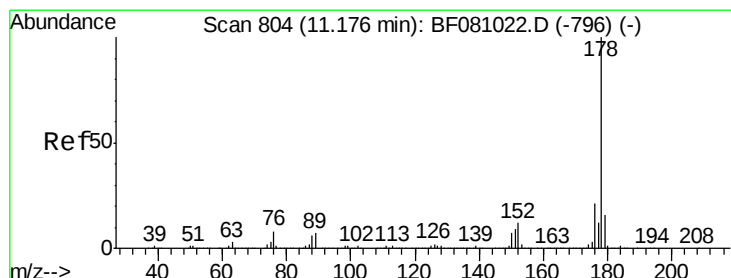
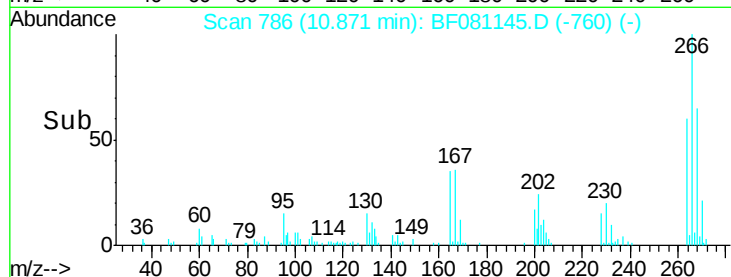
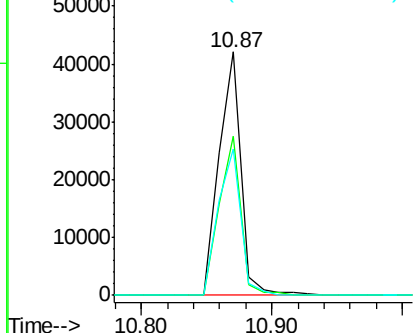
#69
 Pentachlorophenol
 Concen: 38.65 ng
 RT: 10.87 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 49657
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.2 76.8
 264 60.3 50.6 75.8

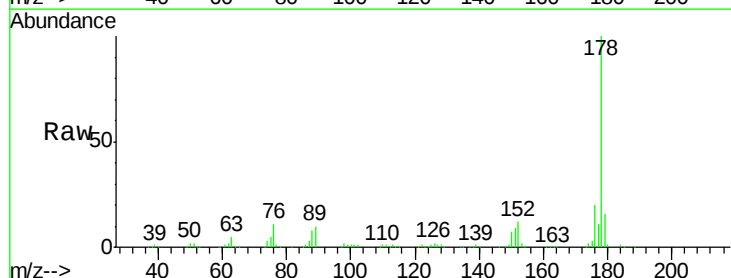


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

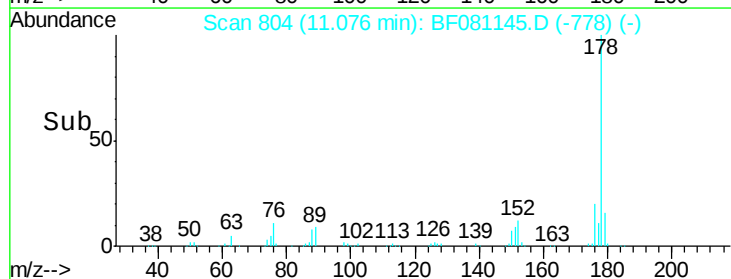
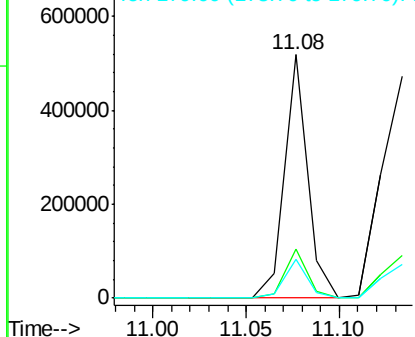


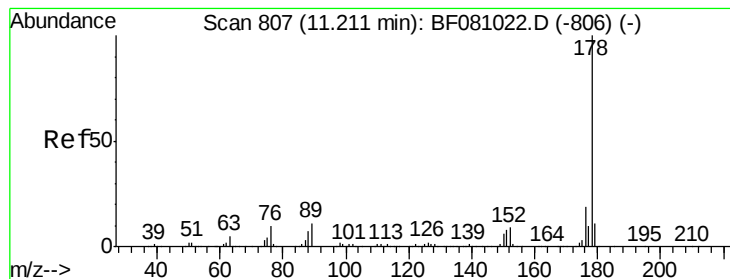
#70
 Phenanthrene
 Concen: 35.23 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:178 Resp: 449413
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.7 23.5
 179 16.2 12.2 18.2



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





#71

Anthracene

Concen: 41.40 ng

RT: 11.13 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

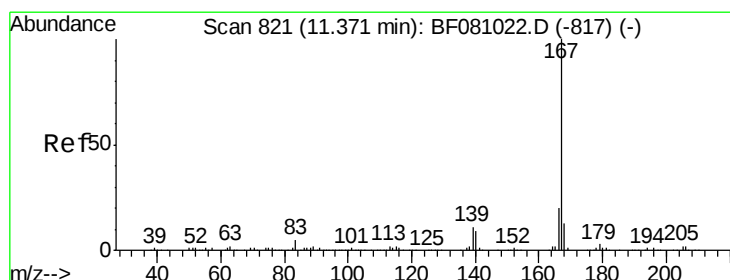
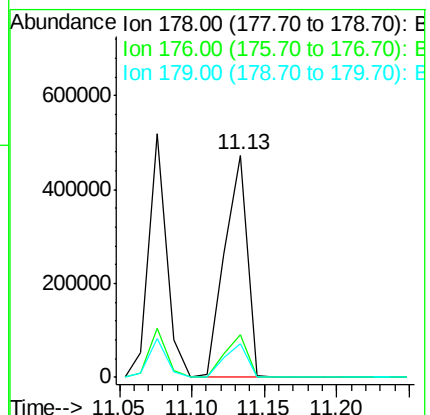
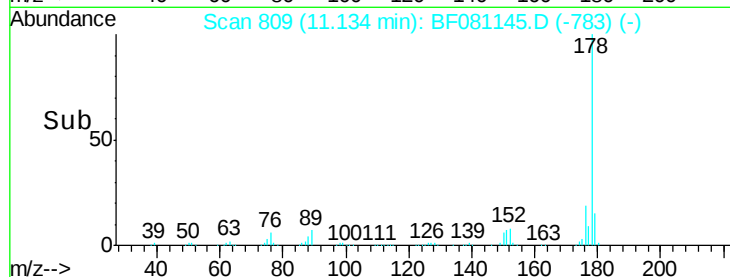
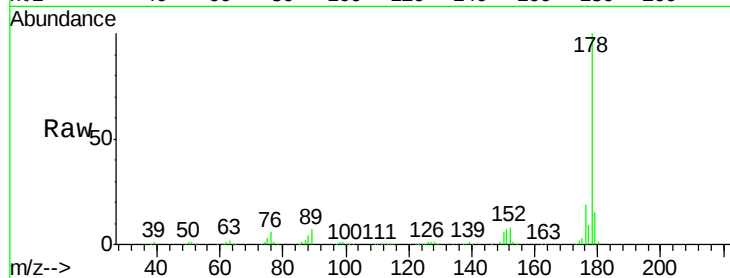
Tot Ion:178 Resp: 513800

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.2 12.7 19.1



#72

Carbazole

Concen: 42.15 ng

RT: 11.29 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

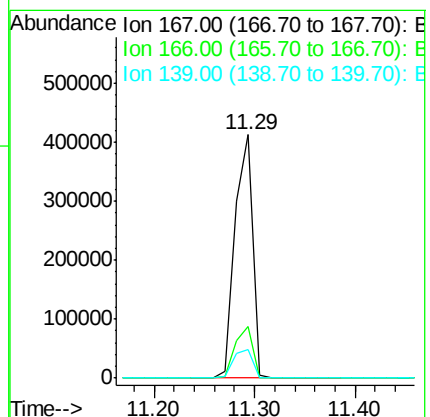
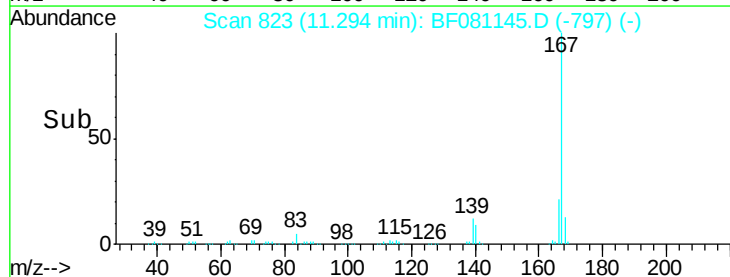
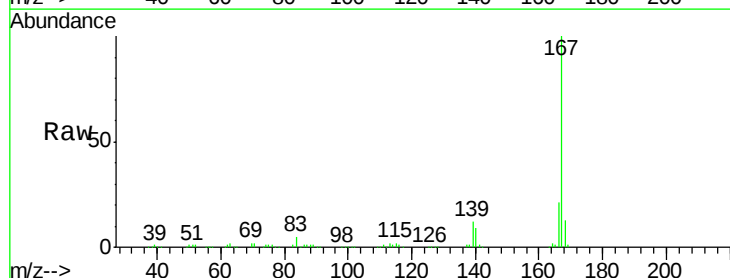
Tgt Ion:167 Resp: 503695

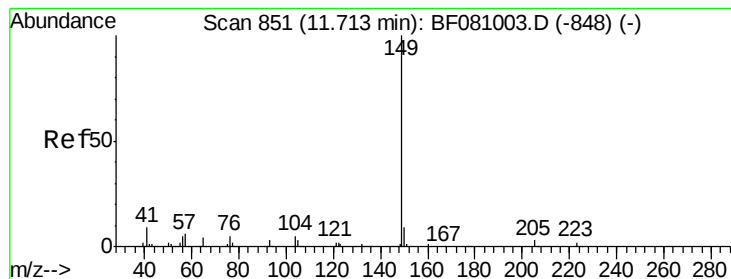
Ion Ratio Lower Upper

167 100

166 21.3 17.4 26.0

139 11.7 10.6 16.0





#73

Di-n-butylphthalate

Concen: 41.46 ng

RT: 11.64 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

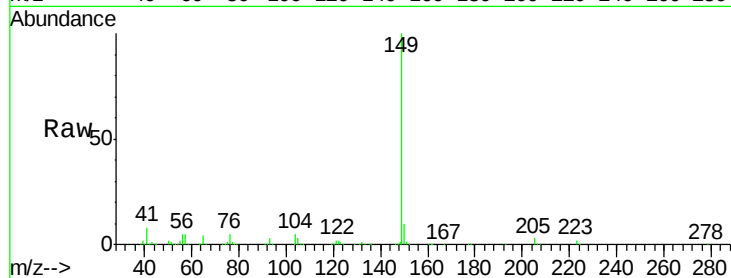
Tot Ion:149 Resp: 599511

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

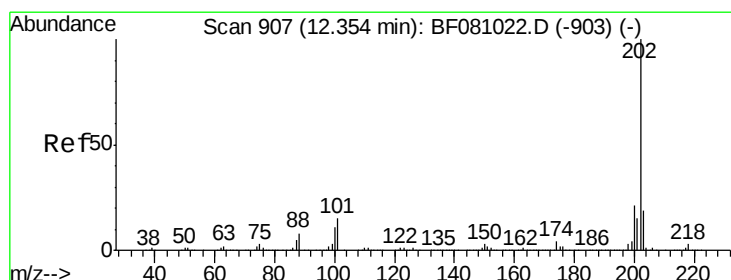
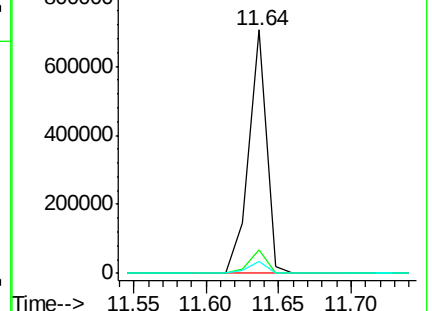
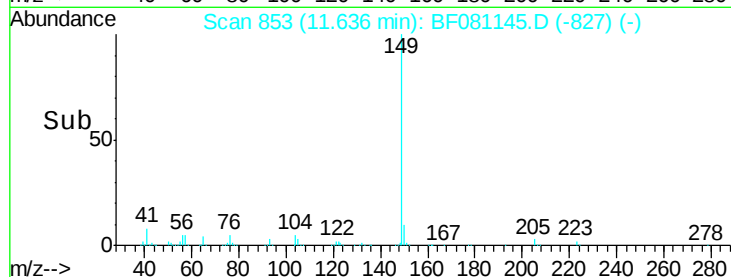
104 4.9 3.9 5.9



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: 38.86 ng

RT: 12.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

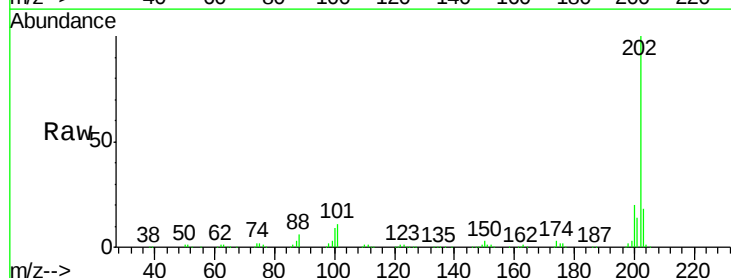
Tgt Ion:202 Resp: 534886

Ion Ratio Lower Upper

202 100

101 11.3 0.0 24.8

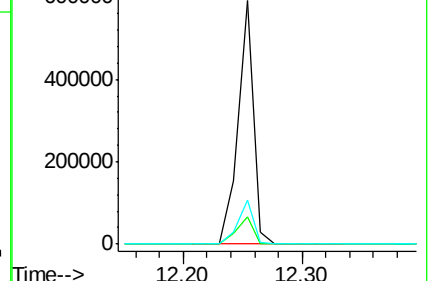
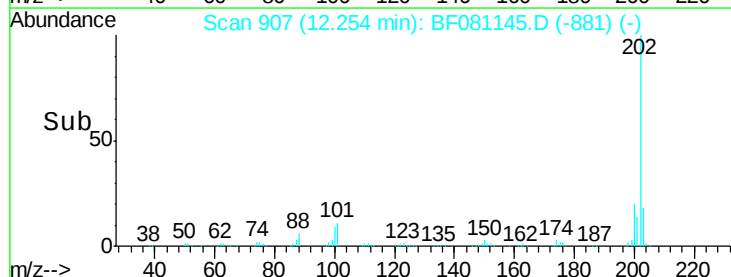
203 18.1 0.0 36.9

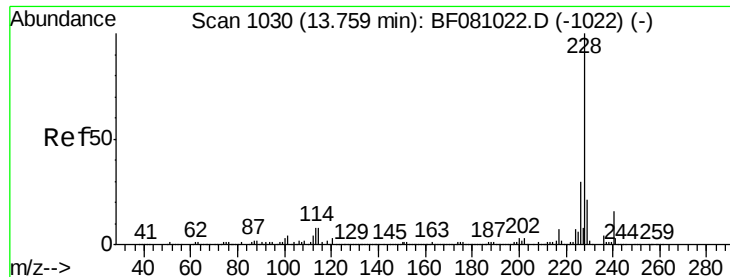


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampled :

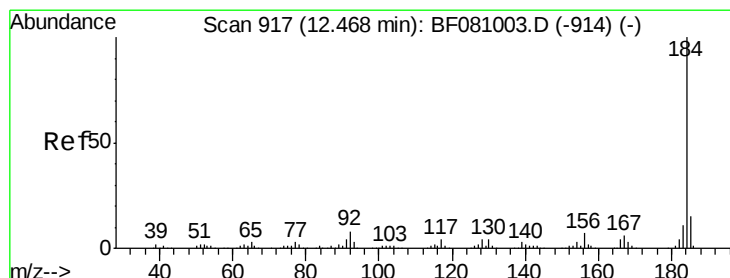
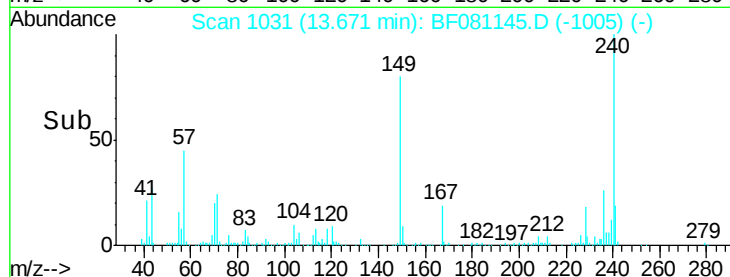
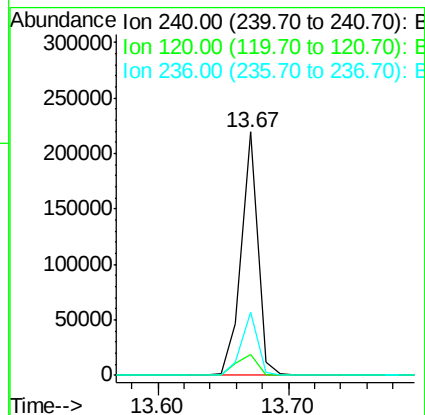
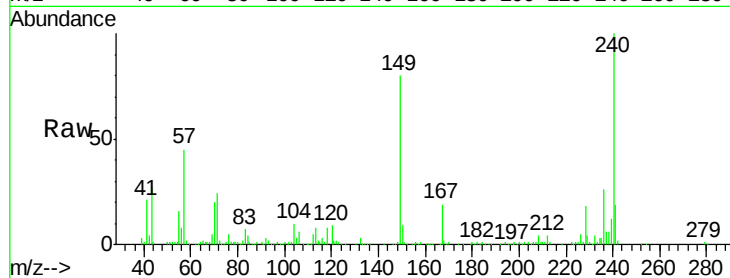
Tot Ion:240 Resp: 192790

Ion Ratio Lower Upper

240 100

120 8.8 5.6 8.4#

236 25.8 20.6 30.8



#76

Benzidine

Concen: 37.50 ng

RT: 12.38 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

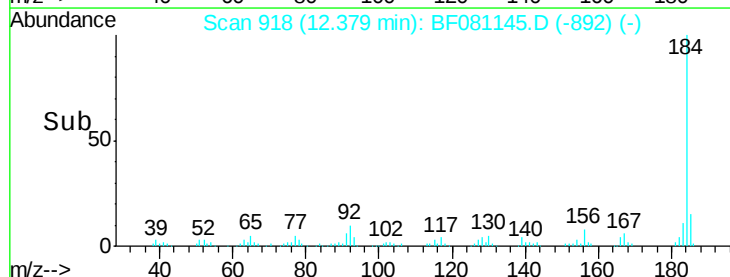
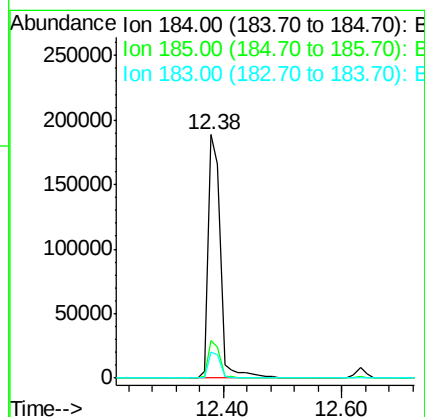
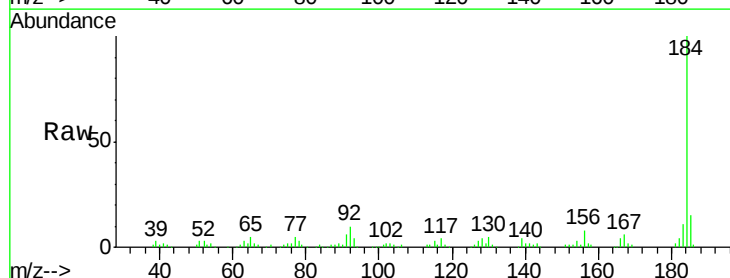
Tgt Ion:184 Resp: 273113

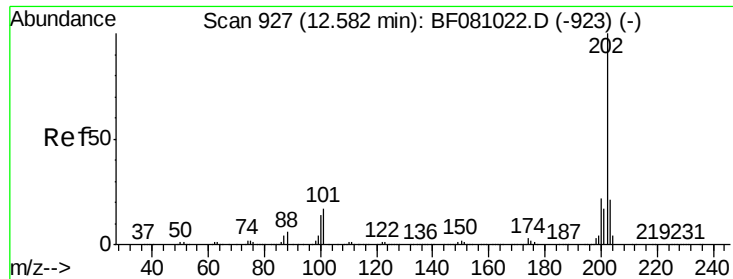
Ion Ratio Lower Upper

184 100

185 15.3 12.0 18.0

183 10.9 8.9 13.3

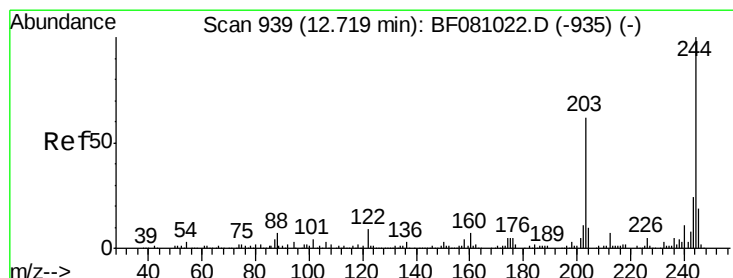
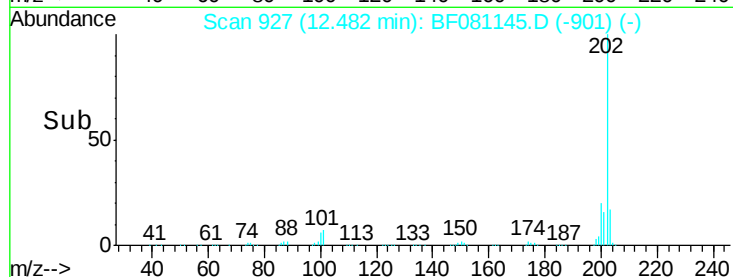
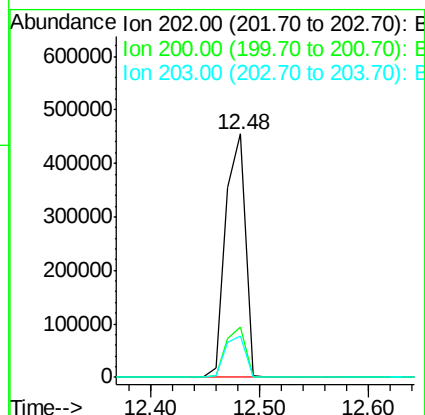
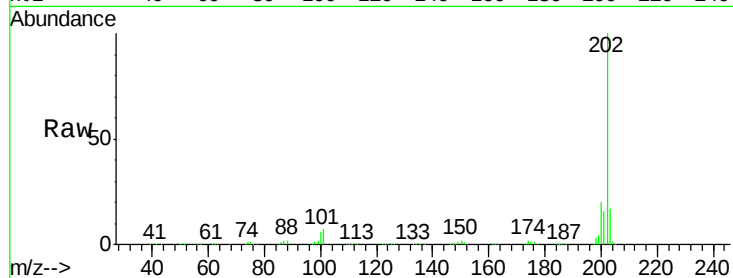




#77
Pvrene
Concen: 36.57 ng
RT: 12.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

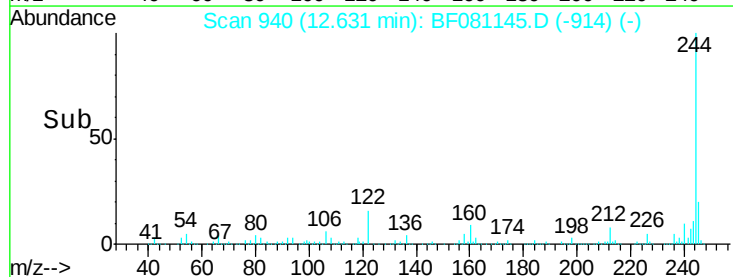
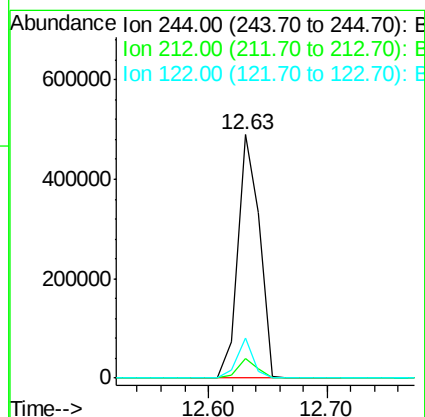
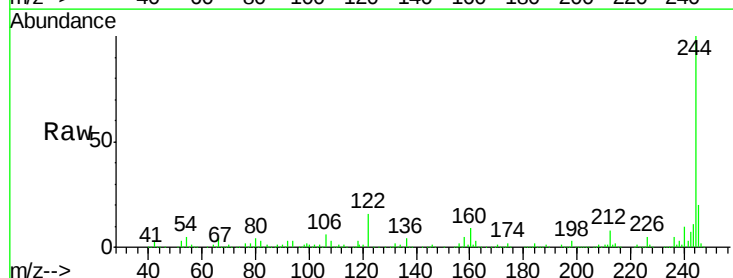
Instrument :
BNA_F
ClientSampleId :

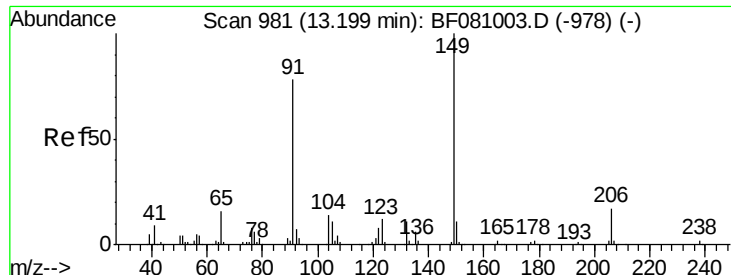
Tot Ion:202 Resp: 573184
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.2 14.1 21.1



#78
Terphenyl-d14
Concen: 68.74 ng
RT: 12.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:244 Resp: 618156
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 16.2 8.2 12.4#

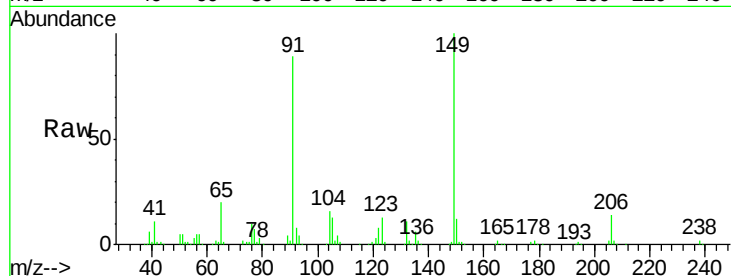




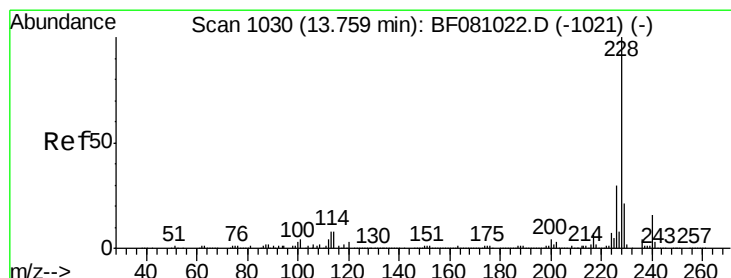
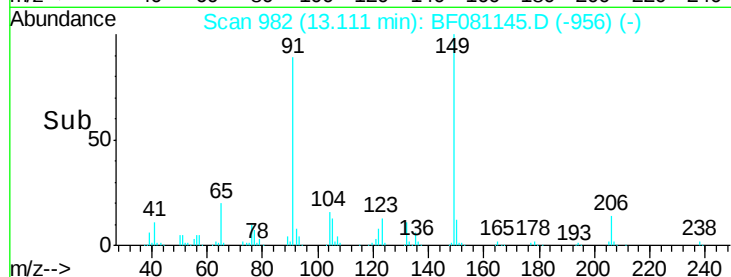
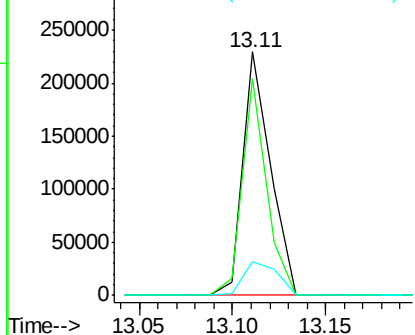
#79
Butylbenzylphthalate
Concen: 34.95 ng
RT: 13.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 235421
Ion Ratio Lower Upper
149 100
91 89.2 46.9 70.3#
206 14.1 17.0 25.4#

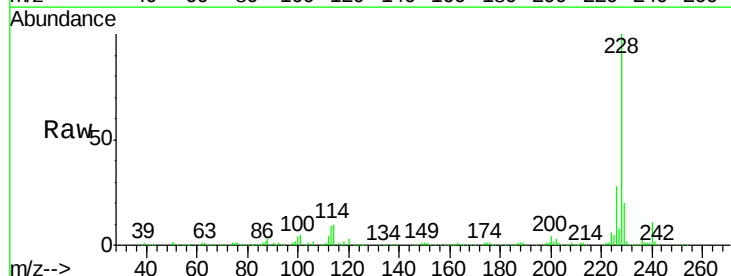


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

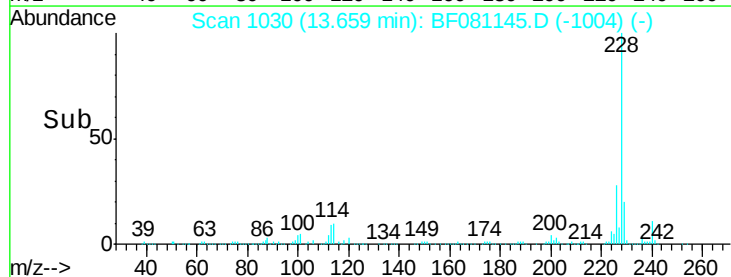
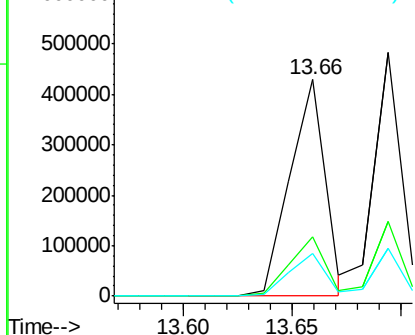


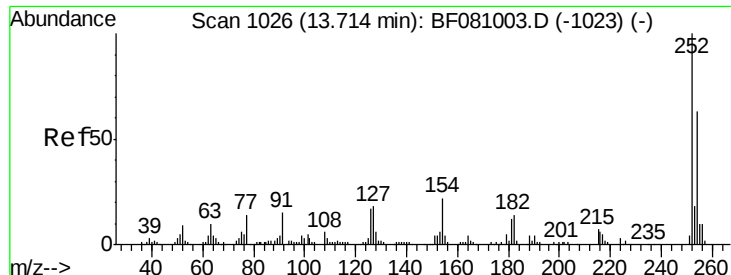
#80
Benzo(a)anthracene
Concen: 37.55 ng
RT: 13.66 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:228 Resp: 485485
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 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

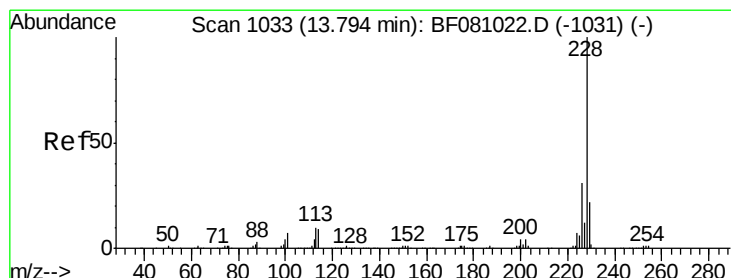
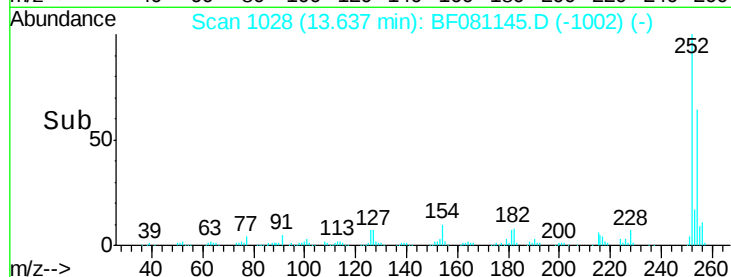
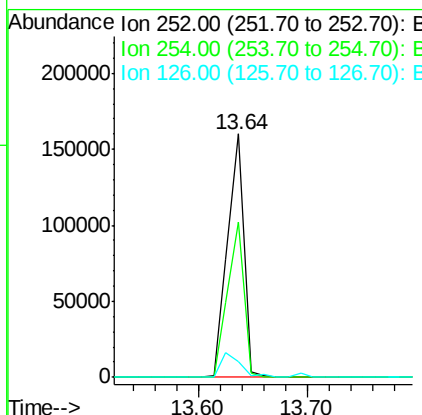
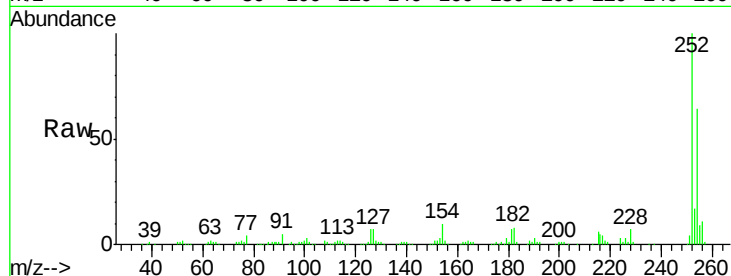




#81
 3,3'-Dichlorobenzidine
 Concen: 40.24 ng
 RT: 13.64 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

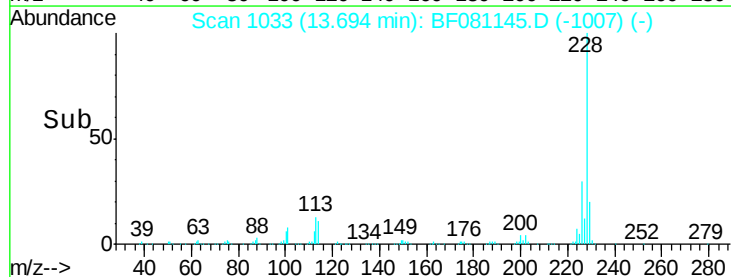
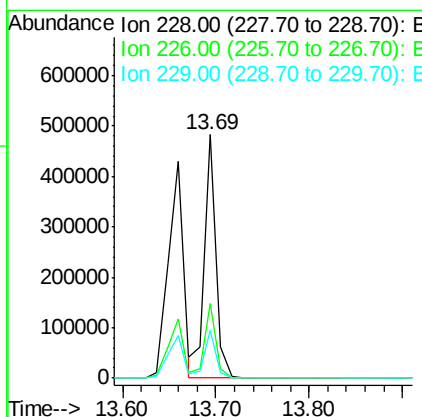
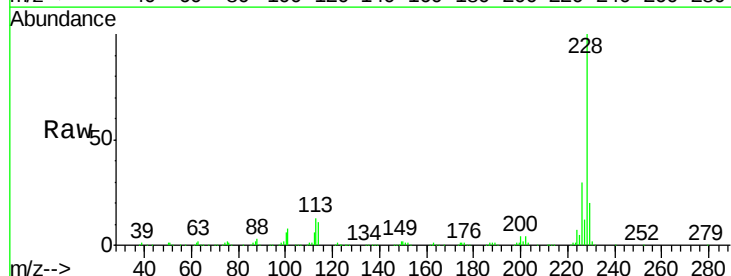
Instrument :
 BNA_F
 ClientSampleId :

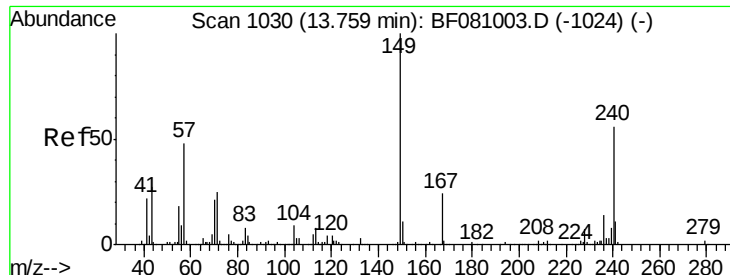
Tot Ion:252 Resp: 168507
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.5 77.3
 126 6.7 12.5 18.7#



#82
 Chrysene
 Concen: 36.30 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion:228 Resp: 423006
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.8 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.95 ng

RT: 13.68 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

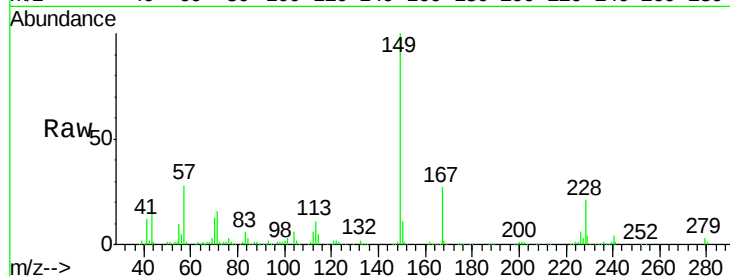
Tot Ion:149 Resp: 336122

Ion Ratio Lower Upper

149 100

167 26.5 20.7 31.1

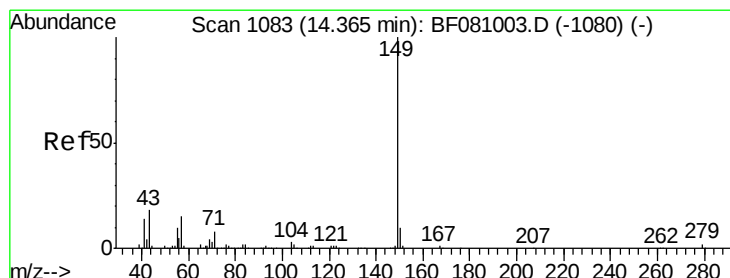
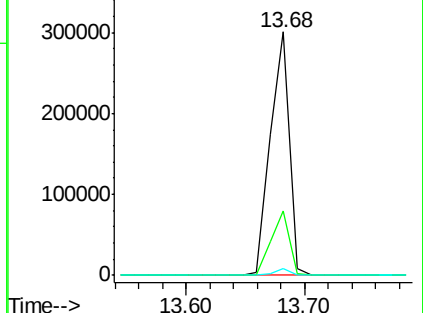
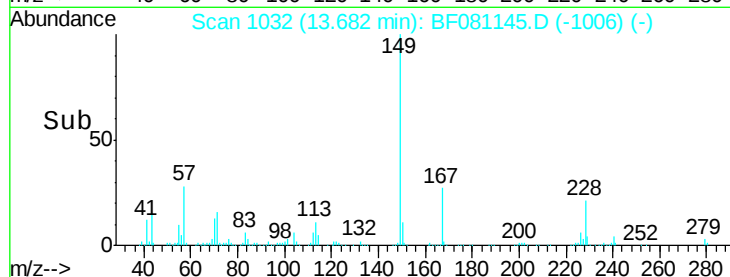
279 3.0 2.2 3.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.56 ng

RT: 14.29 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

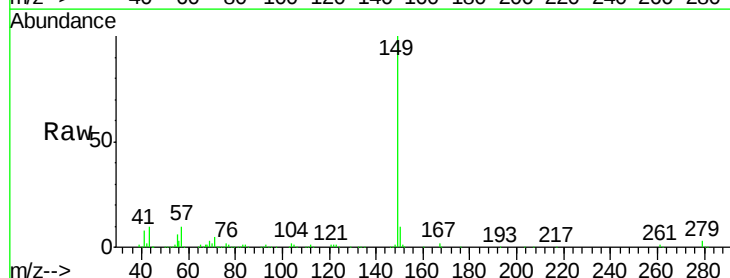
Tgt Ion:149 Resp: 584465

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

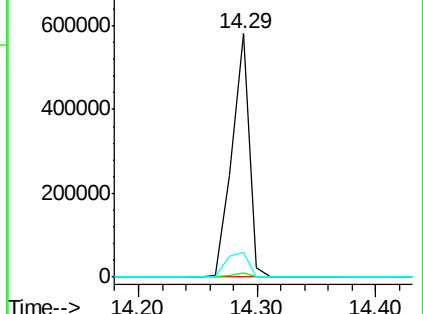
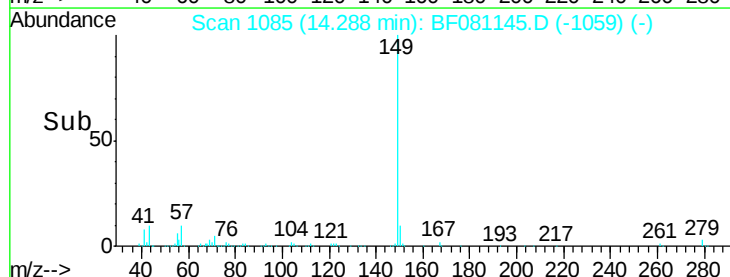
43 13.3 11.6 17.4

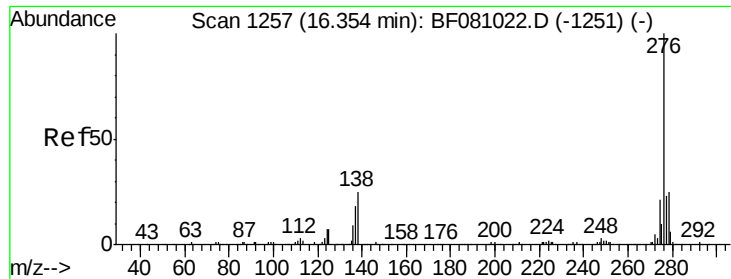


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

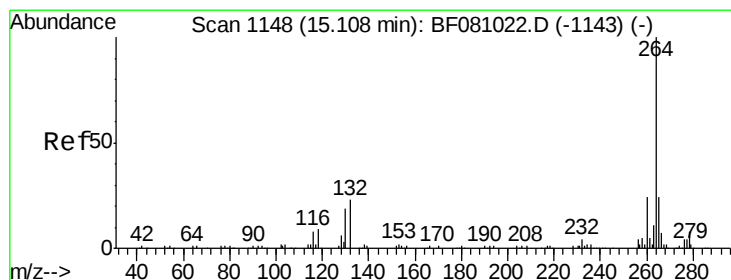
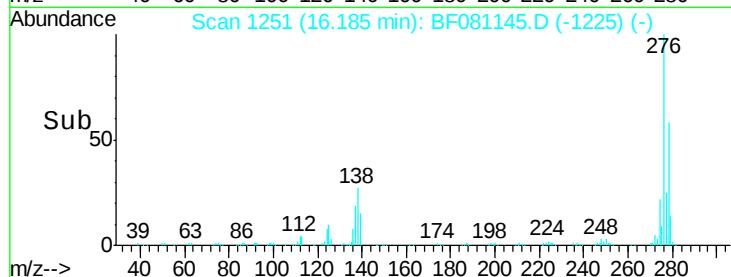
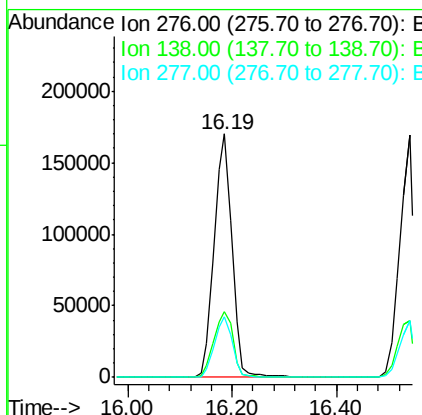
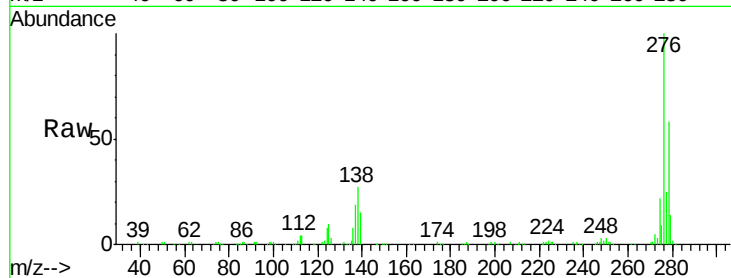




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.71 ng
 RT: 16.19 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

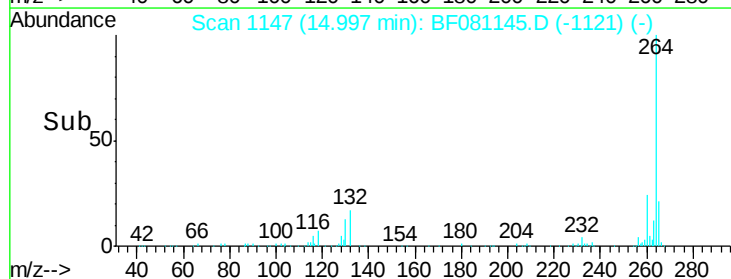
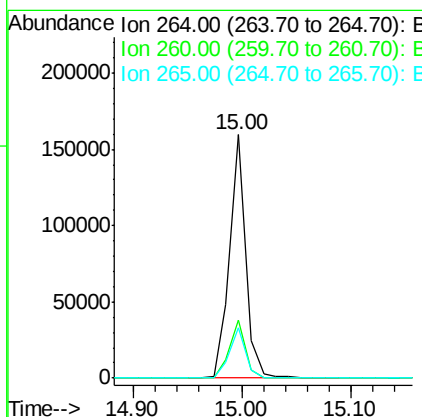
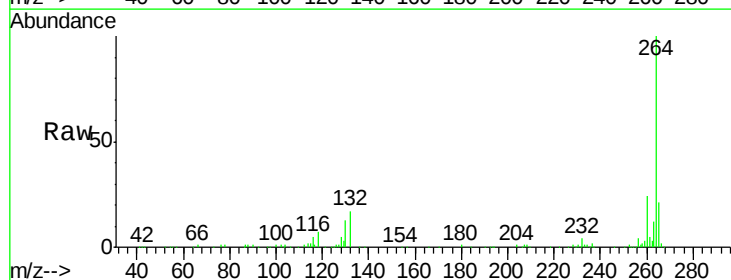
Instrument :
 BNA_F
 ClientSampleId :

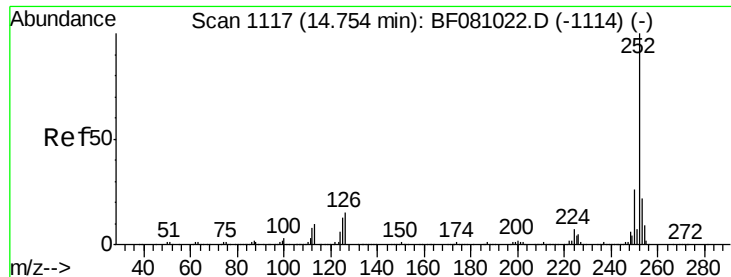
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	18.6	28.0#
277	24.8	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.00 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081145.D
 Acq: 21 Aug 2015 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 75.06 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.02 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

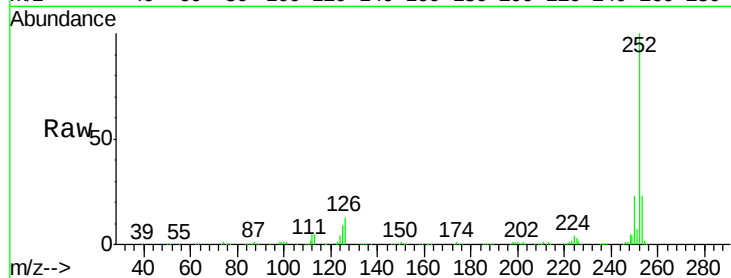
Tot Ion:252 Resp: 870543

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

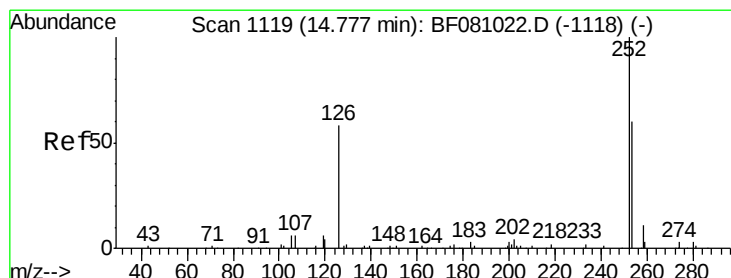
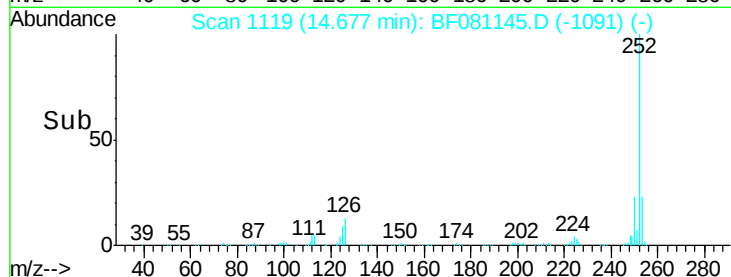
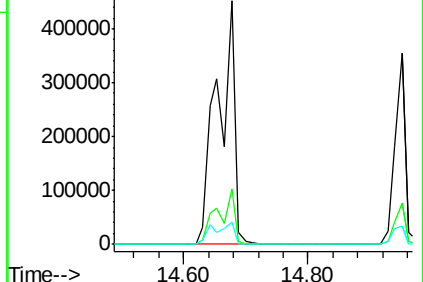
125 9.0 8.0 12.0



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: 80.55 ng

RT: 14.68 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

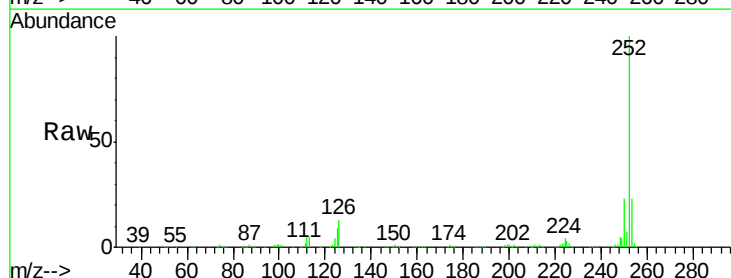
Tgt Ion:252 Resp: 870543

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

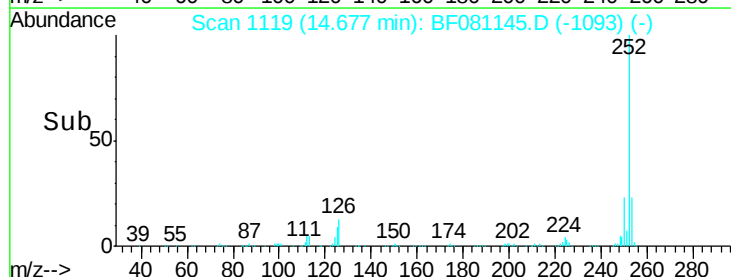
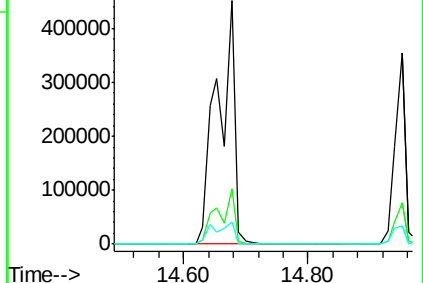
125 9.0 10.3 15.5#

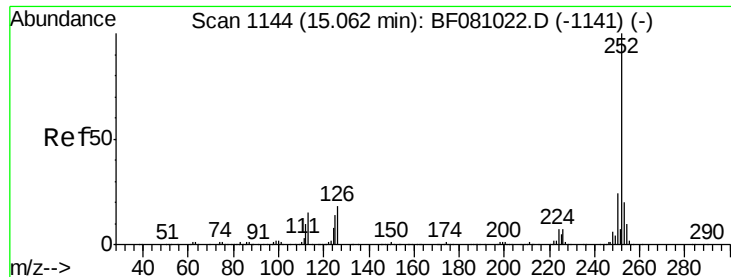


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

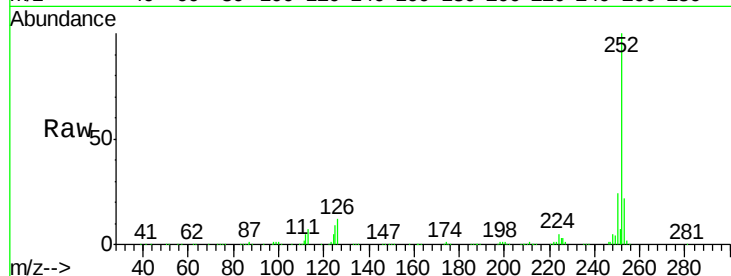




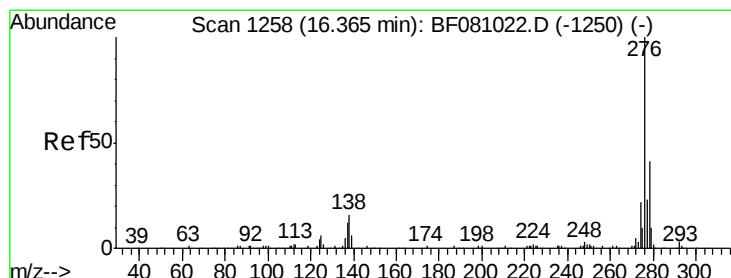
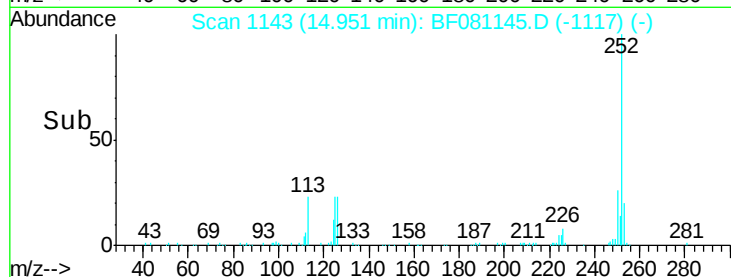
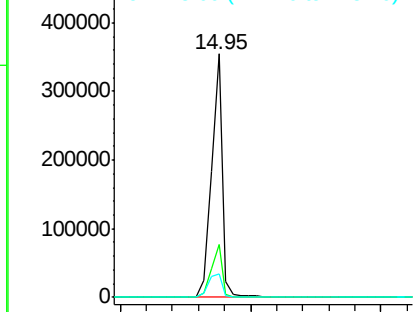
#89
Benzo(a)pyrene
Concen: 40.79 ng
RT: 14.95 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 412200
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 9.4 7.8 11.8

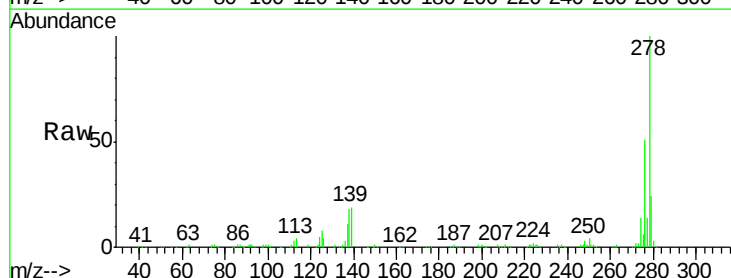


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

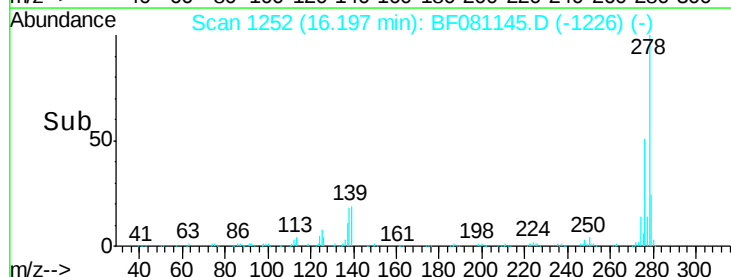
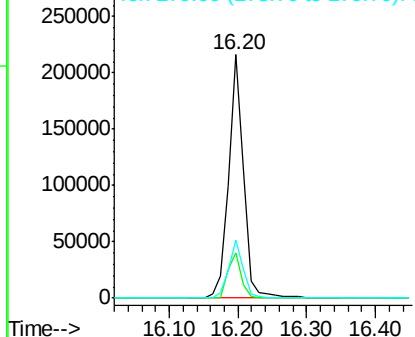


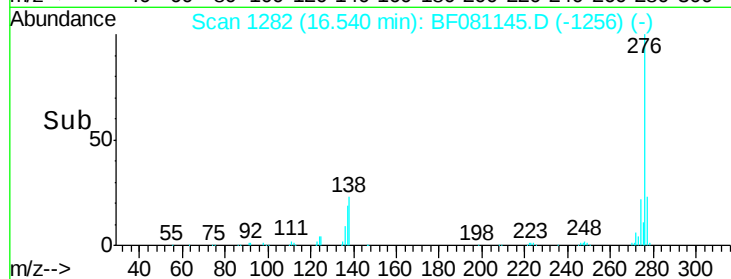
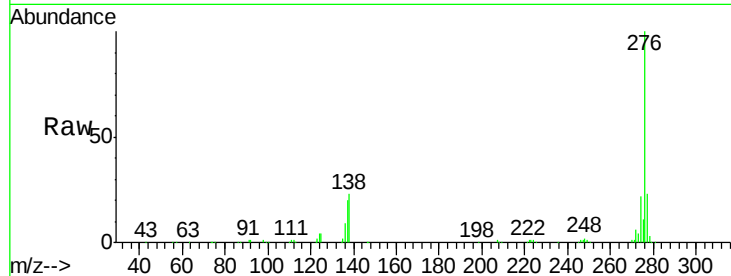
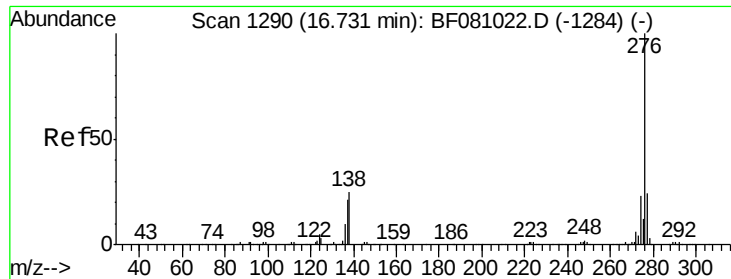
#90
Dibenzo(a,h)anthracene
Concen: 42.10 ng
RT: 16.20 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF081145.D
Acq: 21 Aug 2015 15:03

Tgt Ion:278 Resp: 331546
Ion Ratio Lower Upper
278 100
139 18.8 10.8 16.2#
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 41.02 ng

RT: 16.54 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF081145.D

Acq: 21 Aug 2015 15:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 327731

Ion Ratio Lower Upper

276 100

277 23.5 18.2 27.2

138 23.3 13.7 20.5#

