

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080964.D
 Acq On : 11 Aug 2015 16:28
 Operator : UM/IZ
 Sample : PB84907BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:36:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	61189	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	242429	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	107536	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	199078	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	180927	20.00	ng	-0.03
86) Perylene-d12	15.32	264	169465	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	431359	115.18	ng	0.01
7) Phenol-d6	6.43	99	666241	129.82	ng	-0.01
23) Nitrobenzene-d5	7.36	82	435659	85.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	131972	111.71	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	620501	81.23	ng	-0.02
78) Terphenyl-d14	12.89	244	657913	75.11	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	56854	32.01	ng	99
3) Pyridine	3.13	79	181012	35.93	ng	89
4) n-Nitrosodimethylamine	3.08	42	95513	37.14	ng	99
6) Aniline	6.45	93	205607	27.27	ng	93
8) 2-Chlorophenol	6.57	128	155449	35.87	ng	# 81
9) Benzaldehyde	6.33	77	125766	36.36	ng	97
10) Phenol	6.44	94	249878	41.04	ng	80
11) bis(2-Chloroethyl)ether	6.52	93	162359	35.71	ng	95
12) 1,3-Dichlorobenzene	6.73	146	172832	37.58	ng	98
13) 1,4-Dichlorobenzene	6.81	146	171639	35.92	ng	98
14) 1,2-Dichlorobenzene	6.96	146	158907	36.78	ng	99
15) Benzyl Alcohol	6.93	79	158057	37.63	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	326779	35.73	ng	98
17) 2-Methylphenol	7.05	107	141044	38.13	ng	# 92
18) Hexachloroethane	7.30	117	65669	35.87	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	129244	34.46	ng	100
20) 3+4-Methylphenols	7.21	107	181998	39.17	ng	# 79
22) Acetophenone	7.20	105	232765	39.18	ng	# 95
24) Nitrobenzene	7.37	77	175325	33.22	ng	97
25) Isophorone	7.61	82	354149	35.93	ng	# 93
26) 2-Nitrophenol	7.69	139	84982	38.27	ng	99
27) 2,4-Dimethylphenol	7.73	122	169015	40.66	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	200778	33.93	ng	97
29) 2,4-Dichlorophenol	7.93	162	128747	37.69	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	138304	37.04	ng	98
31) Naphthalene	8.09	128	470853	35.24	ng	99
32) Benzoic acid	7.86	122	100213	40.27	ng	93
33) 4-Chloroaniline	8.14	127	120739	22.23	ng	94
34) Hexachlorobutadiene	8.21	225	80583	36.27	ng	97
35) Caprolactam	8.52	113	31781	25.86	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	164285	39.41	ng	90
37) 2-Methylnaphthalene	8.78	142	320017	37.62	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	124224	37.47	ng	99
40) Hexachlorocyclopentadiene	8.94	237	169199	93.53	ng	98

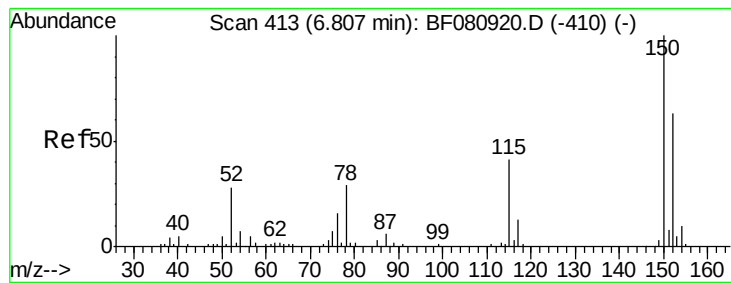
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080964.D
 Acq On : 11 Aug 2015 16:28
 Operator : UM/IZ
 Sample : PB84907BSD
 Misc :
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Quant Time: Aug 12 00:36:03 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	88741	36.52	nq	94
43) 2,4,5-Trichlorophenol	9.10	196	103103	42.11	nq #	86
45) 1,1'-Biphenyl	9.25	154	391981	42.47	nq	99
46) 2-Chloronaphthalene	9.28	162	281592	39.13	nq	99
47) 2-Nitroaniline	9.37	65	111130	38.52	nq	97
48) Acenaphthylene	9.69	152	480695	38.43	nq	100
49) Dimethylphthalate	9.56	163	329272	36.86	nq #	98
50) 2,6-Dinitrotoluene	9.62	165	71906	38.96	nq #	46
51) Acenaphthene	9.86	154	326773	42.65	nq	99
52) 3-Nitroaniline	9.78	138	55271	24.29	nq	99
53) 2,4-Dinitrophenol	9.88	184	78565	70.84	nq #	70
54) Dibenzofuran	10.03	168	404098	39.01	nq	99
55) 4-Nitrophenol	9.95	139	139160	81.71	nq #	73
56) 2,4-Dinitrotoluene	10.02	165	107628	43.59	nq #	72
57) Fluorene	10.37	166	325330	40.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	73704	38.04	nq	98
59) Diethylphthalate	10.26	149	349786	37.62	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	127838	32.74	nq	96
61) 4-Nitroaniline	10.40	138	80481	34.38	nq	96
62) Azobenzene	10.52	77	364879	35.09	nq	98
64) 4,6-Dinitro-2-methylphenol	10.42	198	47909	38.83	nq #	70
65) n-Nitrosodiphenylamine	10.49	169	281761	40.74	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	91164	43.24	nq	97
67) Hexachlorobenzene	10.91	284	95542	40.76	nq #	56
68) Atrazine	11.01	200	83011	40.94	nq	98
69) Pentachlorophenol	11.10	266	106053	77.80	nq	99
70) Phenanthrene	11.32	178	405291	35.95	nq	99
71) Anthracene	11.38	178	452264	40.52	nq	99
72) Carbazole	11.53	167	412233	37.94	nq #	97
73) Di-n-butylphthalate	11.87	149	569725	41.93	nq	99
74) Fluoranthene	12.51	202	496464	40.74	nq	96
76) Benzidine	12.64	184	371074	Below	Cal	97
77) Pyrene	12.74	202	519382	38.86	nq	99
79) Butylbenzylphthalate	13.36	149	212695	33.01	nq #	67
80) Benzo(a)anthracene	13.92	228	436639	38.21	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	79092	19.03	nq #	98
82) Chrysene	13.95	228	376942	34.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	303872	33.89	nq #	96
84) Di-n-octyl phthalate	14.53	149	521627	34.32	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	388141	37.27	nq	99
87) Benzo(b)fluoranthene	14.96	252	770167	65.36	nq #	97
88) Benzo(k)fluoranthene	14.96	252	770167	74.71	nq	98
89) Benzo(a)pyrene	15.27	252	402603	39.75	nq #	95
90) Dibenzo(a,h)anthracene	16.68	278	327428	36.55	nq	99
91) Benzo(g,h,i)perylene	17.07	276	290456	33.34	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

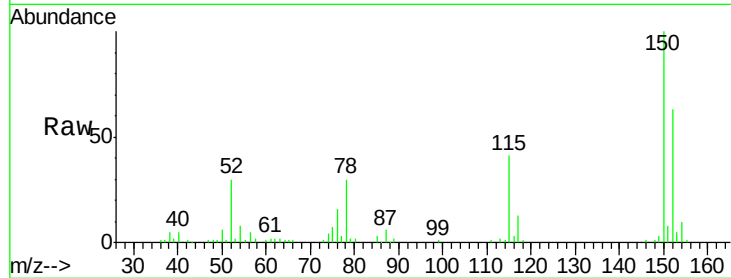
Tot Ion:152 Resp: 61189

Ion Ratio Lower Upper

152 100

150 158.4 127.4 191.2

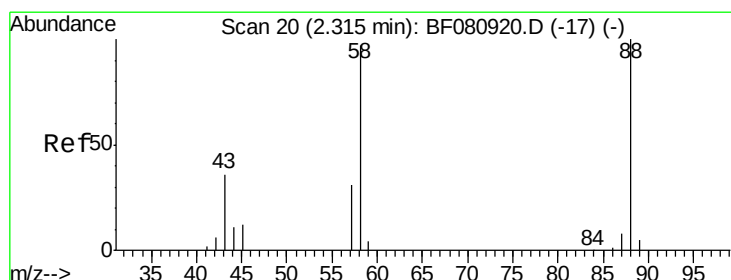
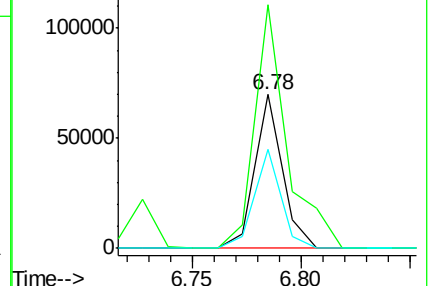
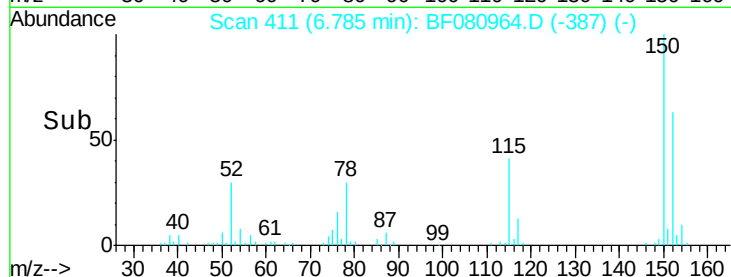
115 64.5 52.6 78.8



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: 32.01 ng

RT: 2.44 min Scan# 31

Delta R.T. 0.13 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

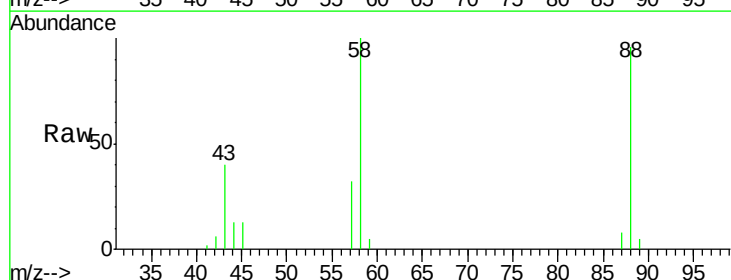
Tgt Ion: 88 Resp: 56854

Ion Ratio Lower Upper

88 100

58 99.8 79.3 118.9

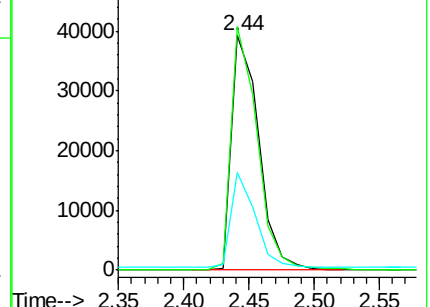
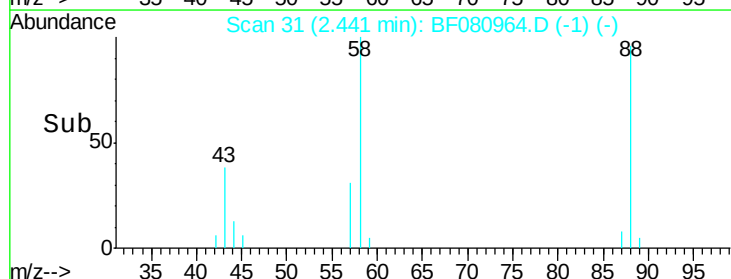
43 36.4 28.3 42.5

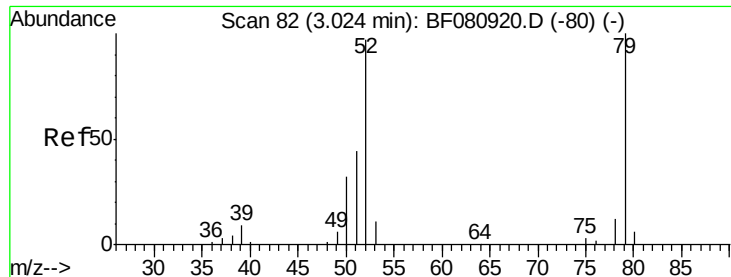


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.93 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

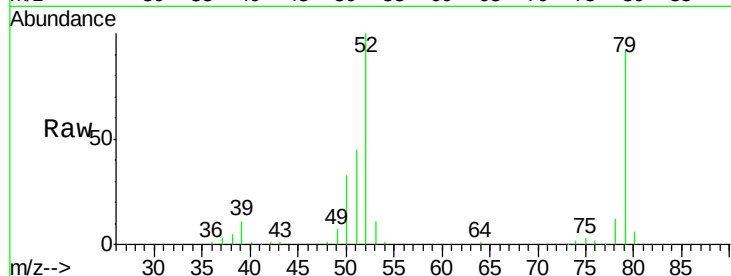
Tot Ion: 79 Resp: 181012

Ion Ratio Lower Upper

79 100

52 108.4 77.2 115.8

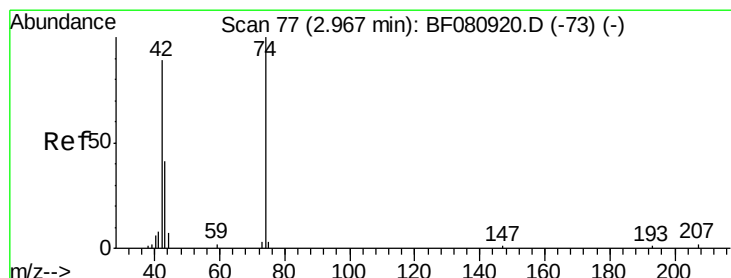
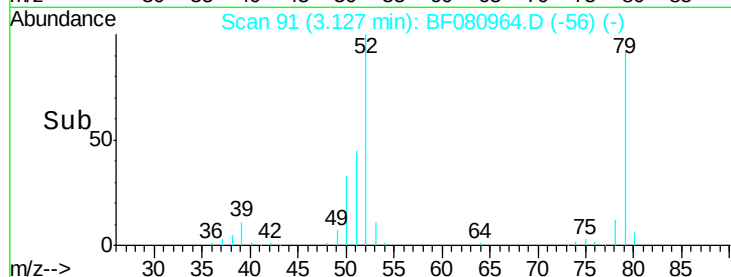
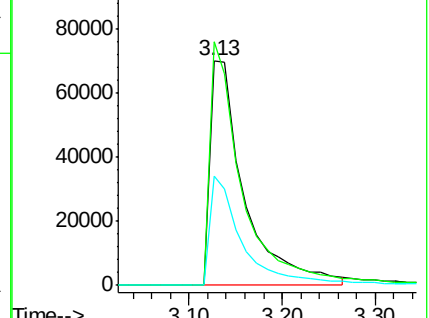
51 48.8 35.0 52.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.14 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

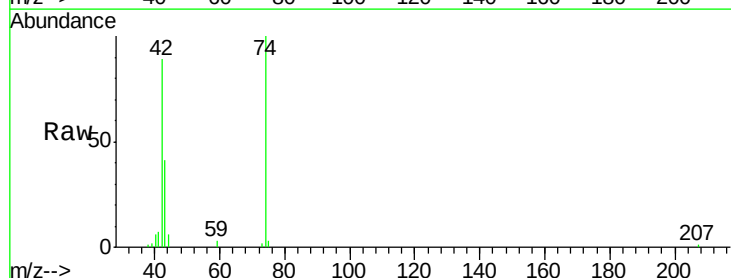
Tgt Ion: 42 Resp: 95513

Ion Ratio Lower Upper

42 100

74 111.8 89.8 134.8

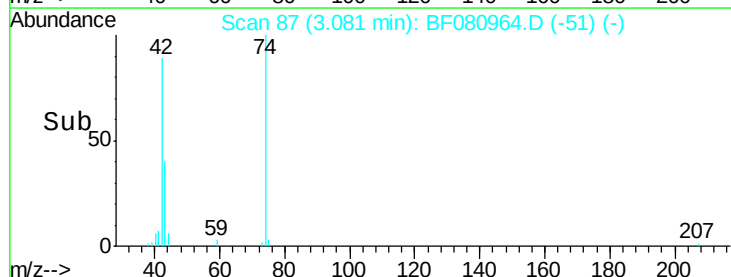
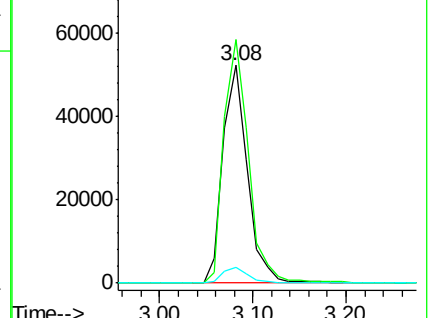
44 7.2 6.5 9.7

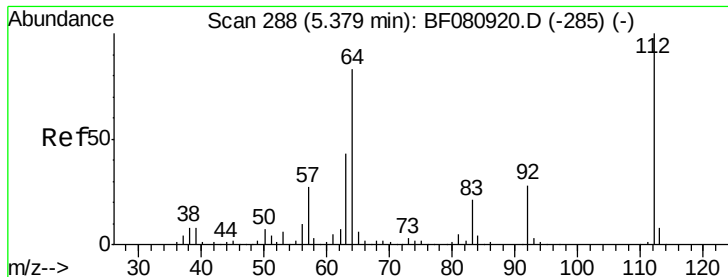


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

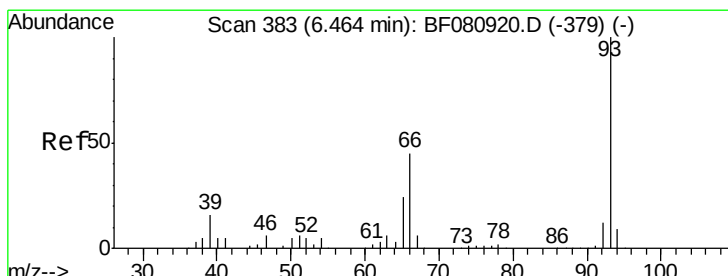
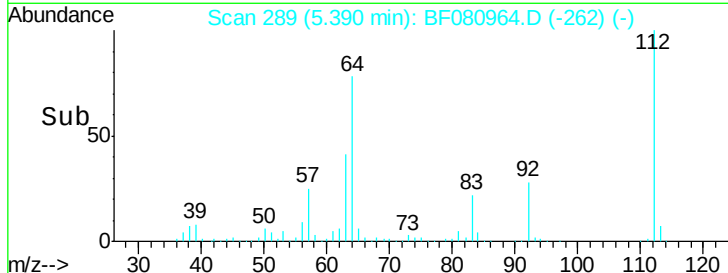
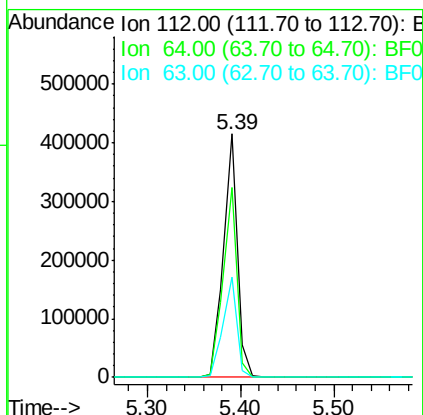
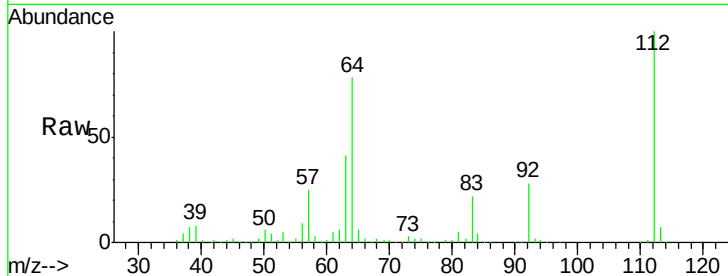




#5
 2-Fluorophenol
 Concen: 115.18 ng
 RT: 5.39 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

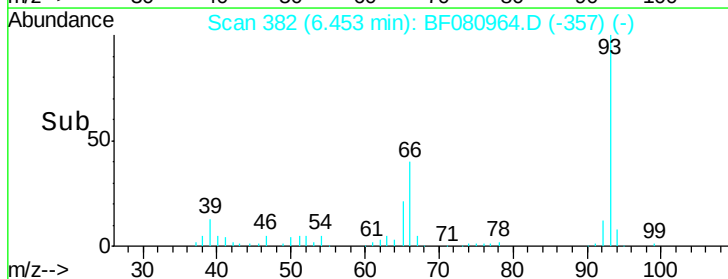
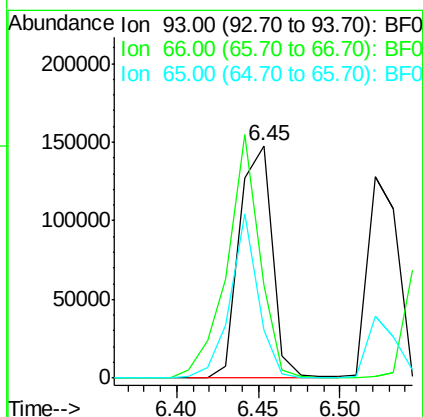
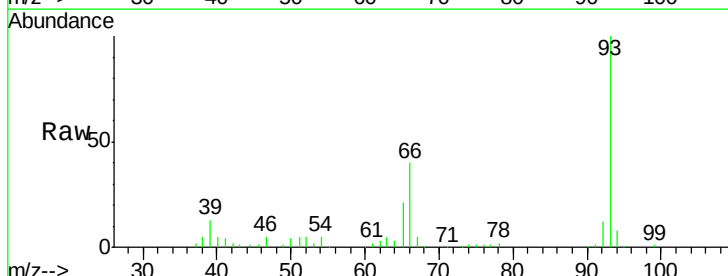
Instrument :
 BNA_F
 ClientSampleID :

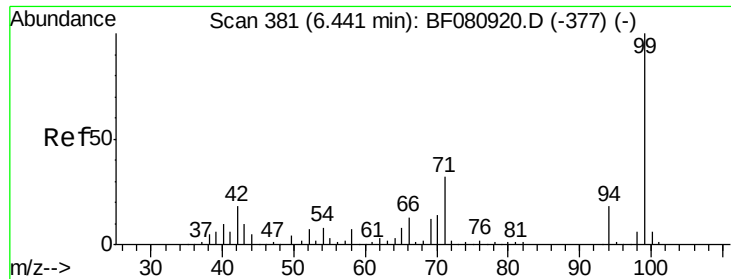
Tot Ion:	112	Resp:	431359
Ion	Ratio	Lower	Upper
112	100		
64	78.1	66.1	99.1
63	41.0	34.6	52.0



#6
 Aniline
 Concen: 27.27 ng
 RT: 6.45 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:	93	Resp:	205607
Ion	Ratio	Lower	Upper
93	100		
66	40.0	36.2	54.4
65	20.8	19.0	28.4





#7

Phenol-d6

Concen: 129.82 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

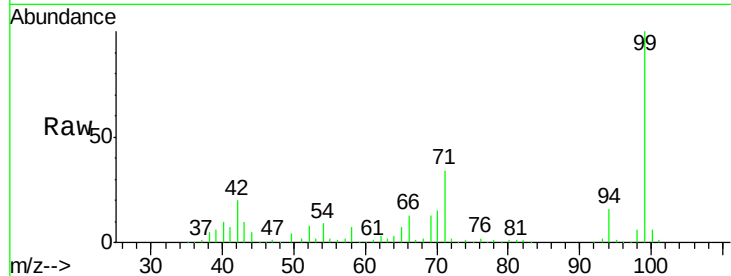
Tot Ion: 99 Resp: 666241

Ion Ratio Lower Upper

99 100

42 19.9 14.4 21.6

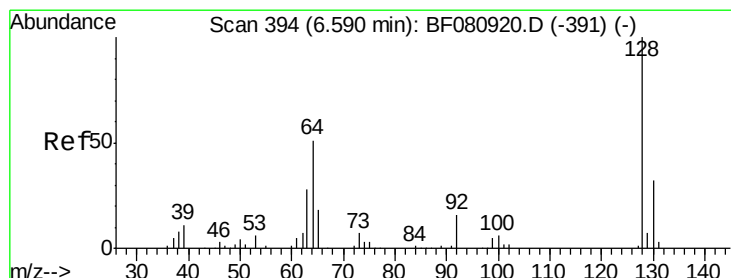
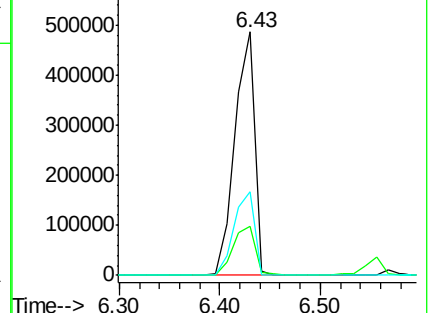
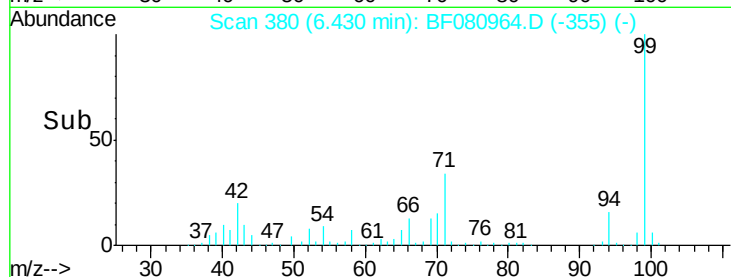
71 34.3 25.8 38.8



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: 35.87 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

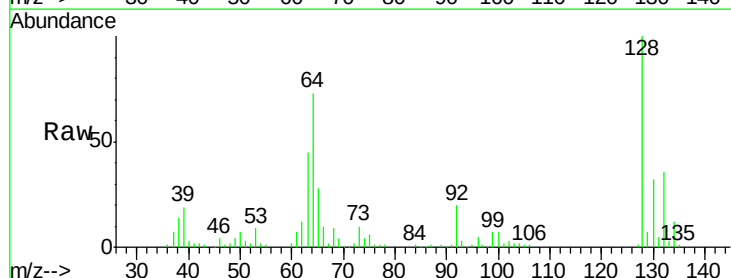
Tgt Ion: 128 Resp: 155449

Ion Ratio Lower Upper

128 100

130 32.2 12.4 52.4

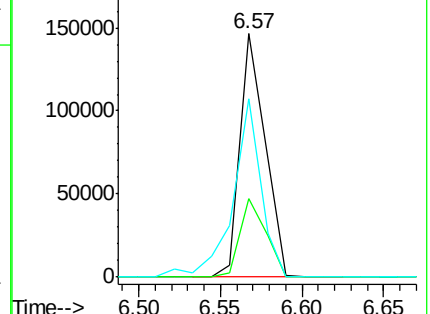
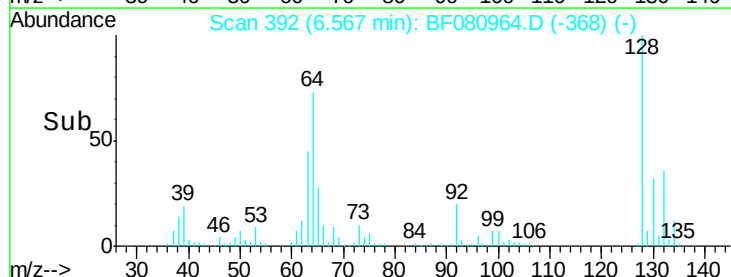
64 73.2 32.1 72.1#

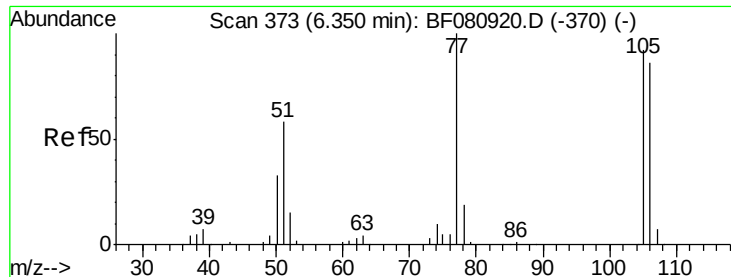


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

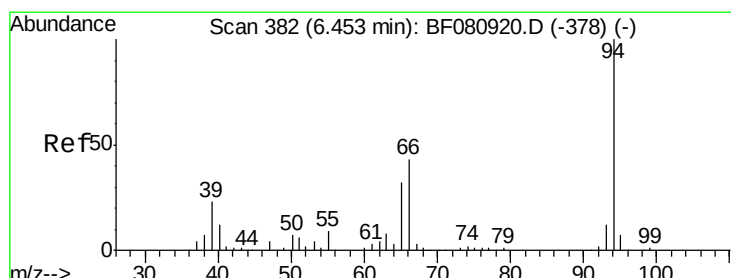
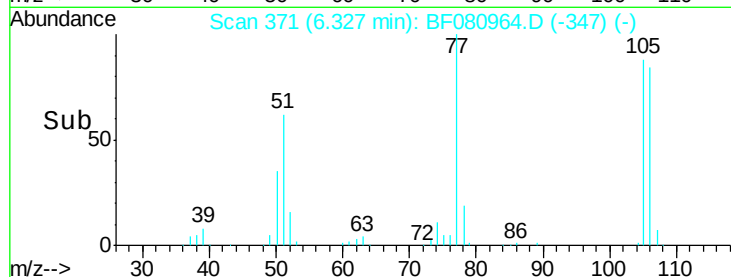
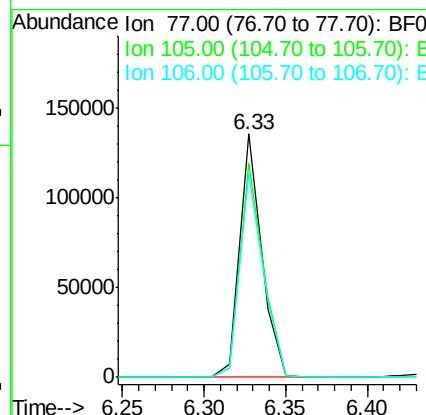
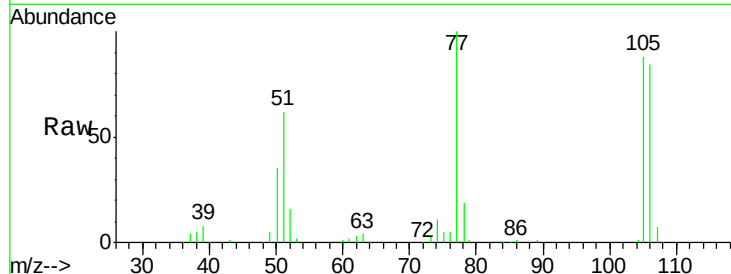




#9
Benzaldehyde
Concen: 36.36 ng
RT: 6.33 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

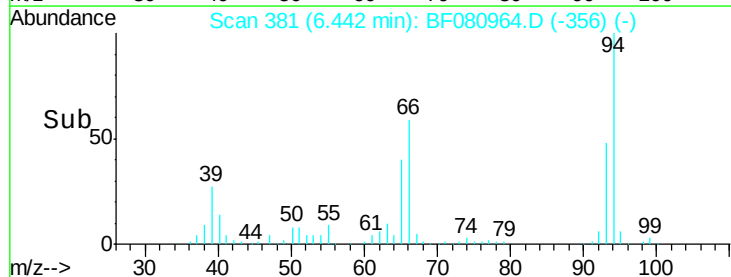
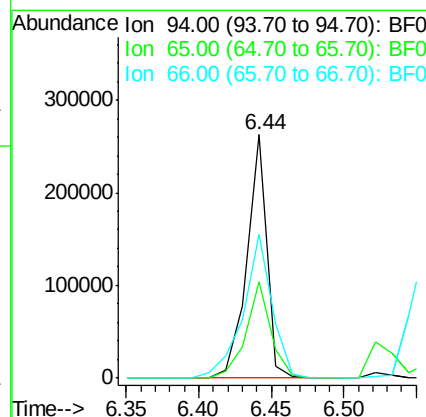
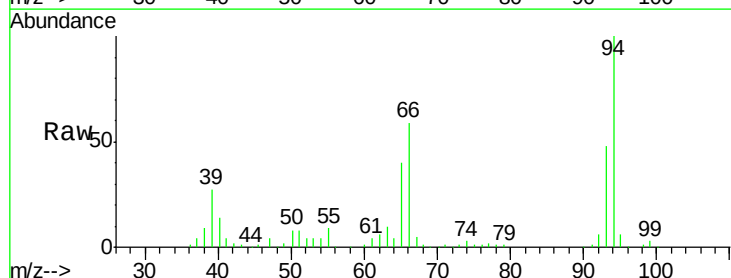
Instrument :
BNA_F
ClientSampleId :

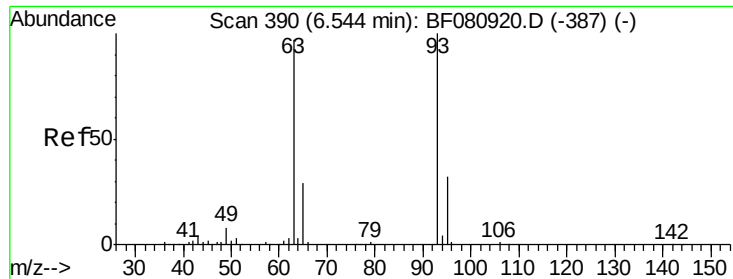
Tot Ion: 77 Resp: 125766
Ion Ratio Lower Upper
77 100
105 87.7 71.6 111.6
106 83.9 65.7 105.7



#10
Phenol
Concen: 41.04 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 94 Resp: 249878
Ion Ratio Lower Upper
94 100
65 39.7 11.8 51.8
66 58.9 22.9 62.9

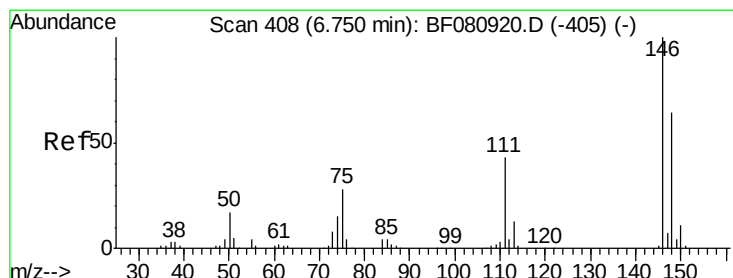
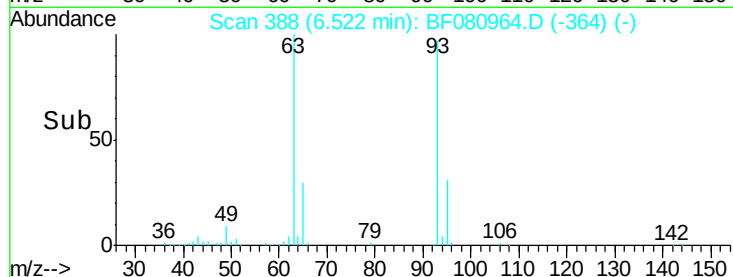
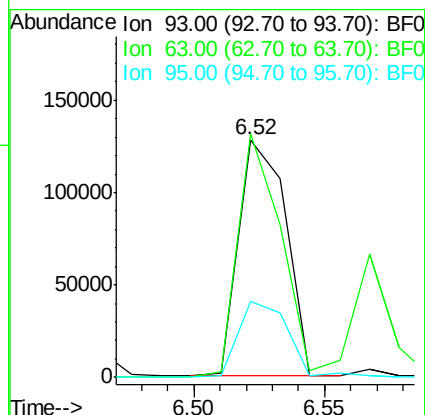
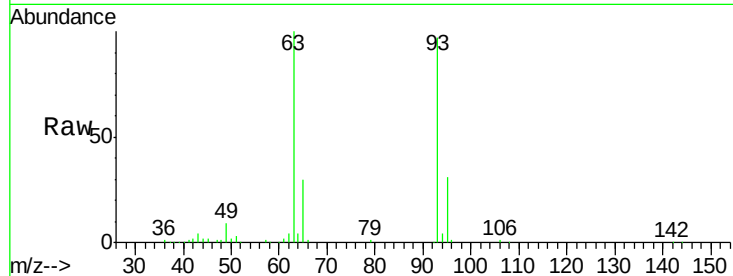




#11
bis(2-Chloroethyl)ether
Concen: 35.71 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

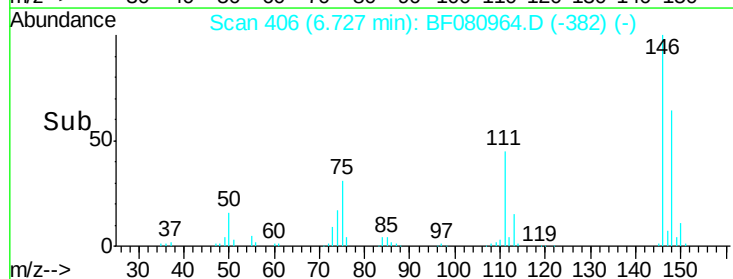
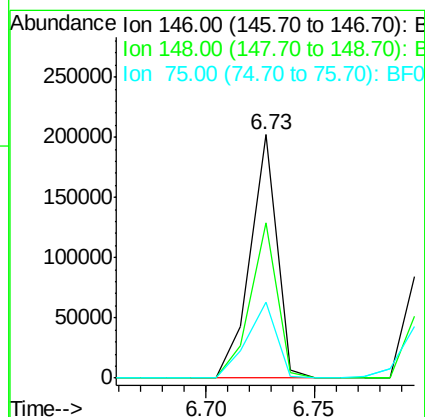
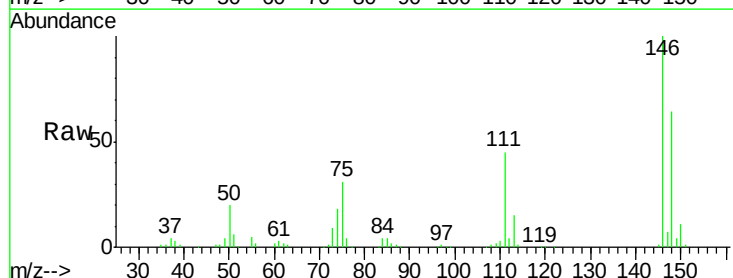
Instrument :
BNA_F
ClientSampleId :

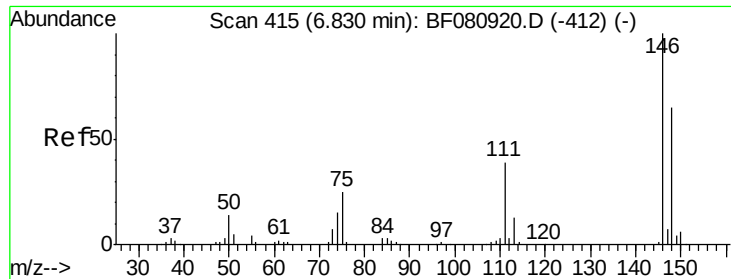
Tot Ion: 93 Resp: 162359
Ion Ratio Lower Upper
93 100
63 102.7 76.7 116.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.58 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 146 Resp: 172832
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 31.1 22.2 33.4

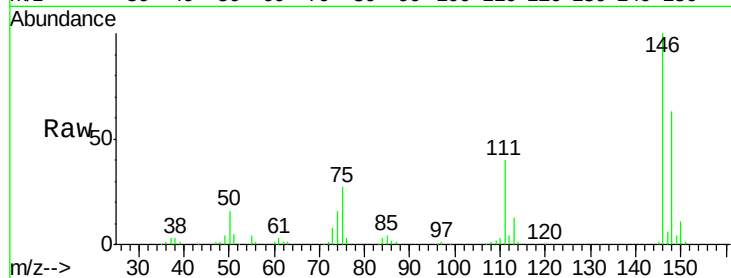




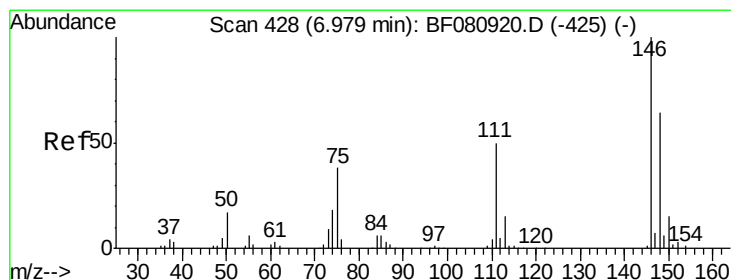
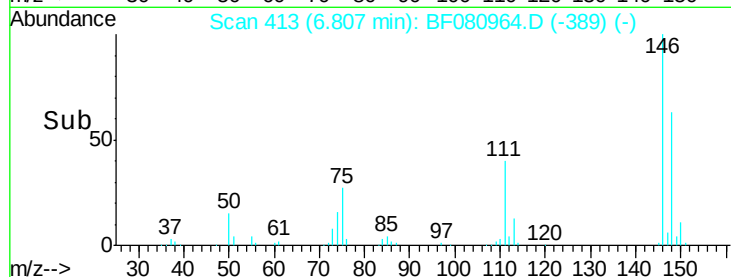
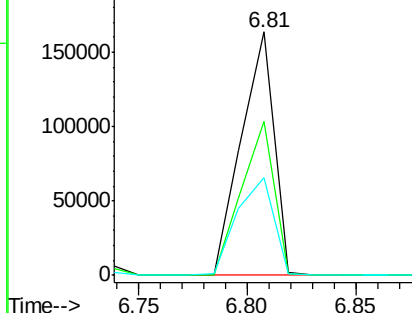
#13
 1,4-Dichlorobenzene
 Concen: 35.92 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 171639
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.4
 111 40.2 31.5 47.3

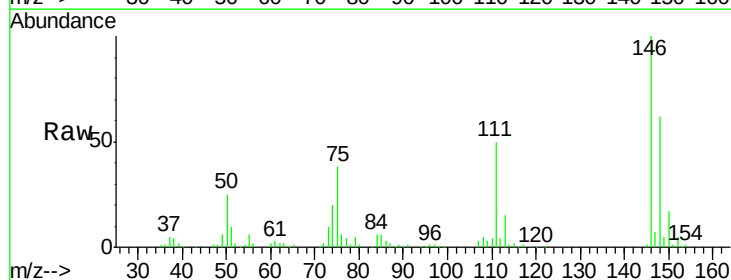


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

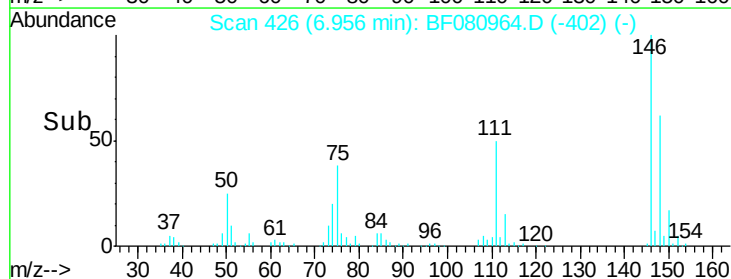
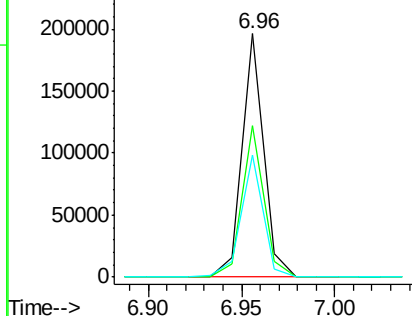


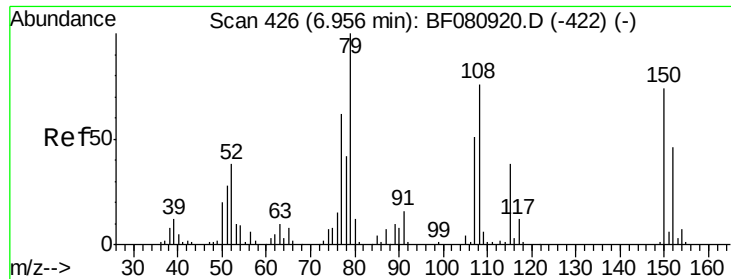
#14
 1,2-Dichlorobenzene
 Concen: 36.78 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:146 Resp: 158907
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.1 76.7
 111 50.3 40.0 60.0



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

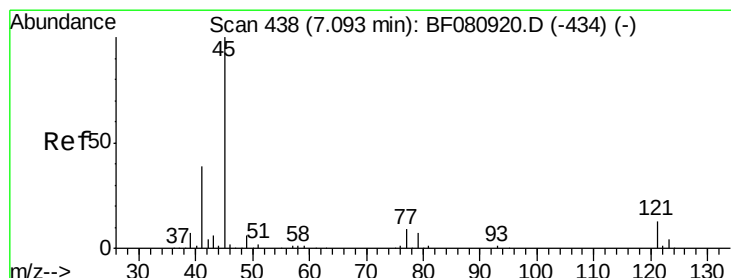
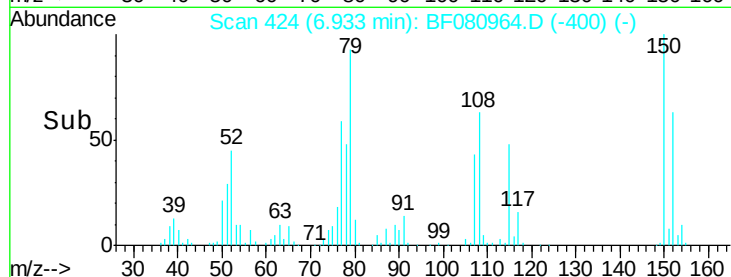
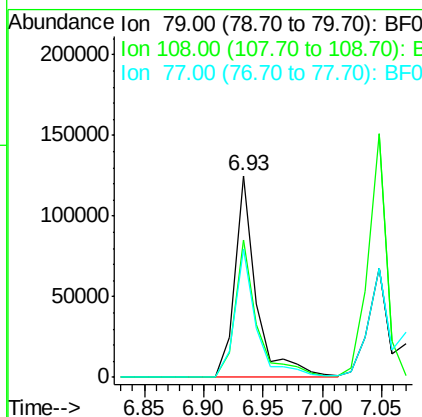
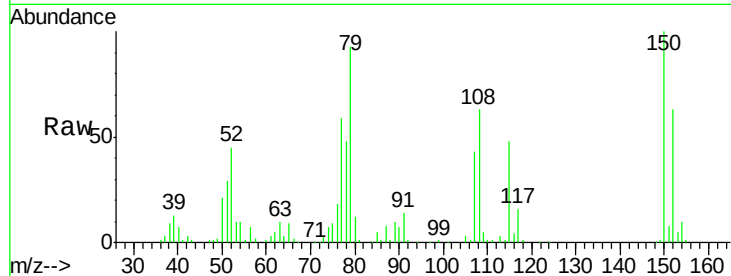




#15
Benzyl Alcohol
Concen: 37.63 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

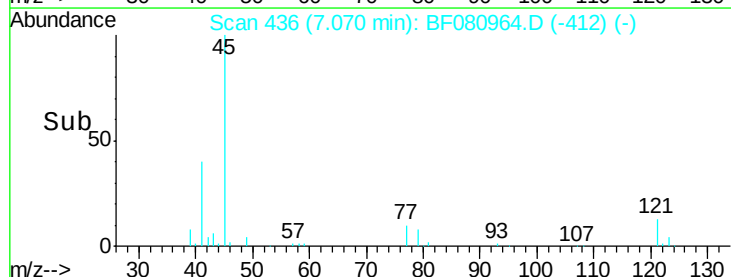
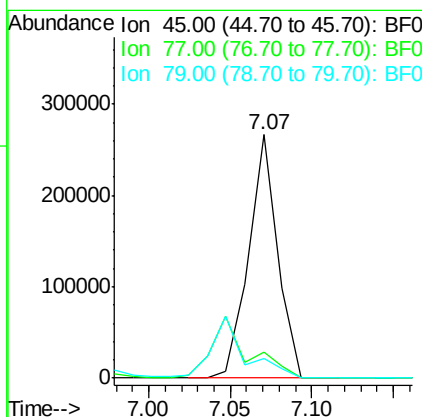
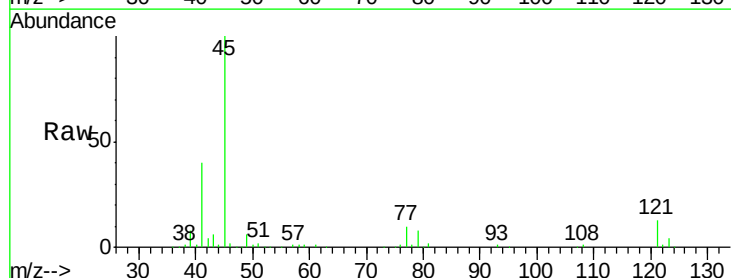
Instrument :
BNA_F
ClientSampleId :

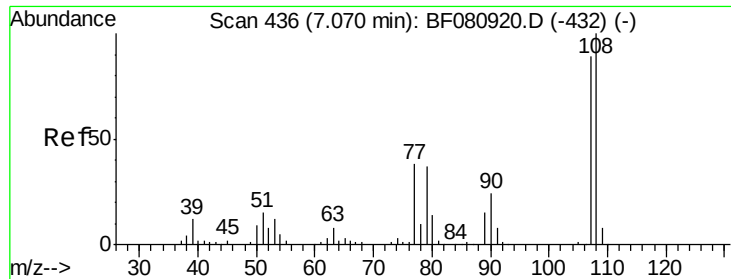
Tot Ion	Ratio	Lower	Upper
79	100		
108	68.2	60.9	91.3
77	63.6	49.4	74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.73 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	29.6
79	7.9	0.0	27.7





#17

2-Methylphenol

Concen: 38.13 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080964.D

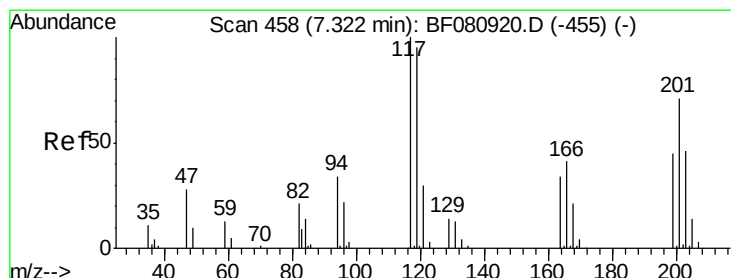
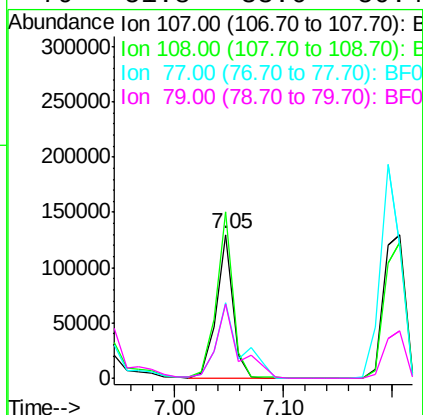
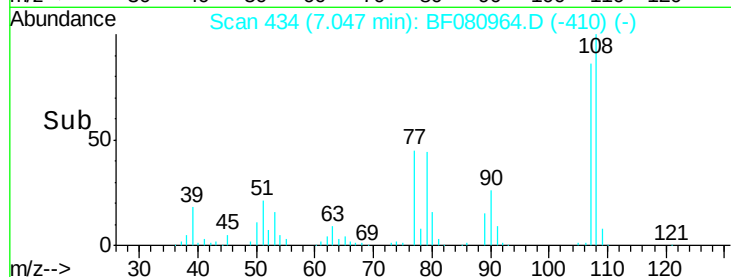
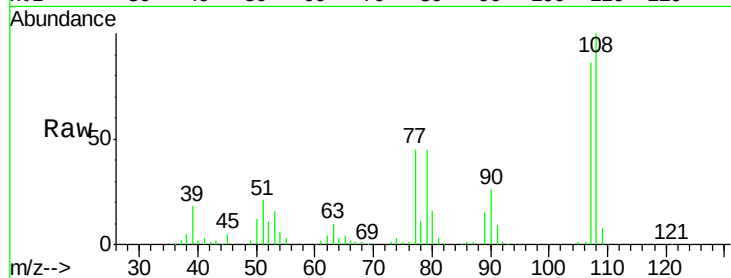
Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	141044
Ion	Ratio	Lower	Upper
107	100		
108	116.1	90.3	135.5
77	52.1	34.6	51.8#
79	51.8	33.6	50.4#



#18

Hexachloroethane

Concen: 35.87 ng

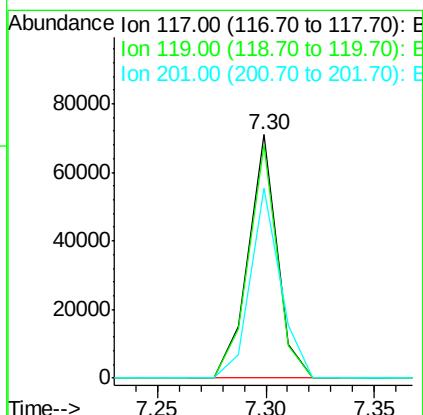
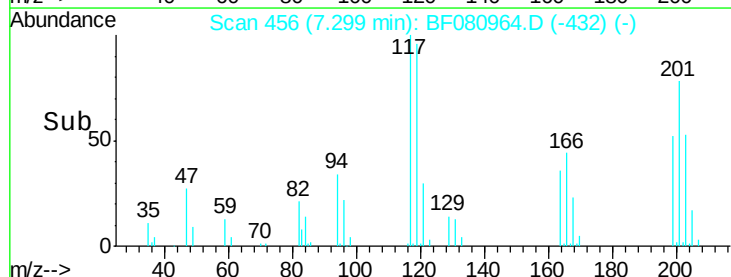
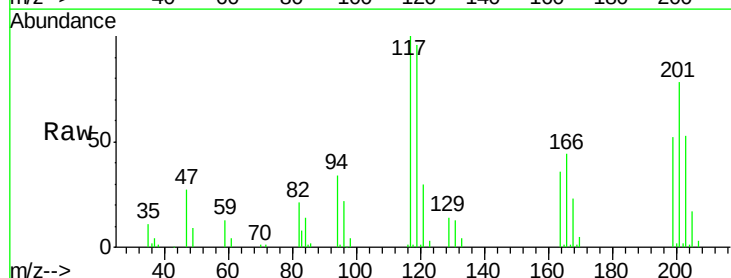
RT: 7.30 min Scan# 456

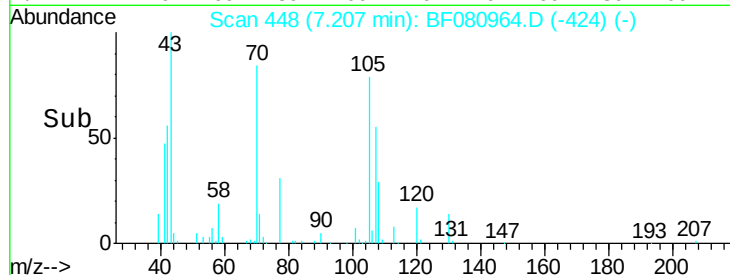
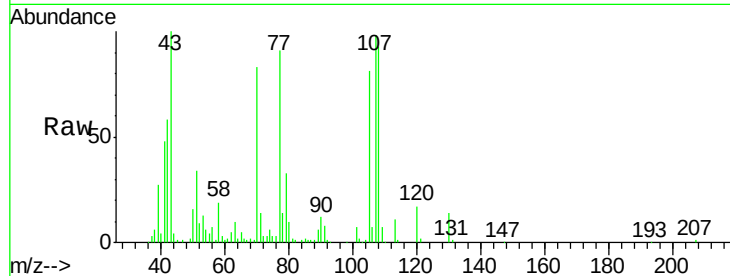
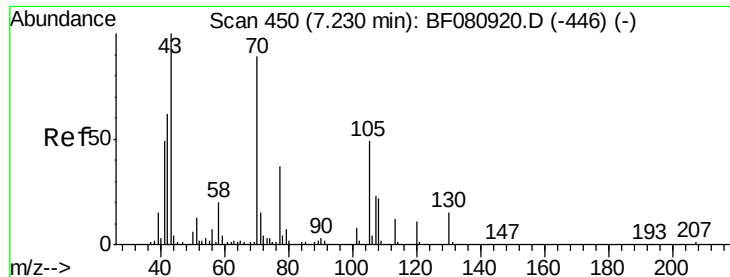
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:	117	Resp:	65669
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.3	114.5
201	78.0	57.0	85.6

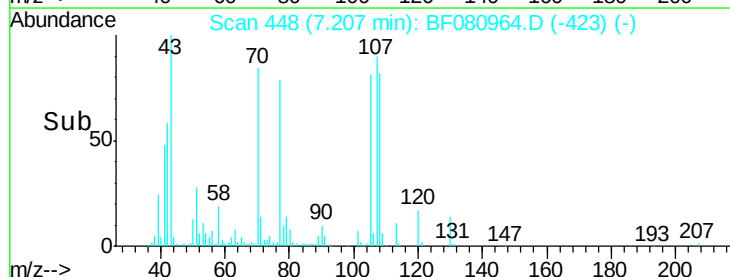
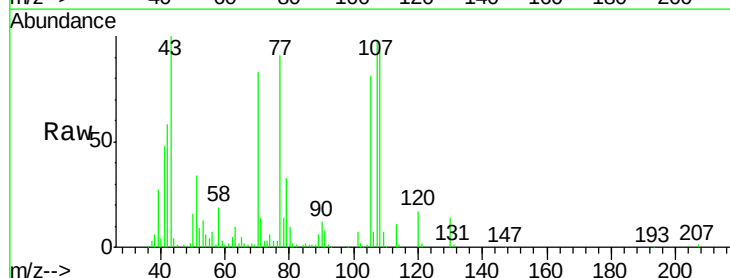
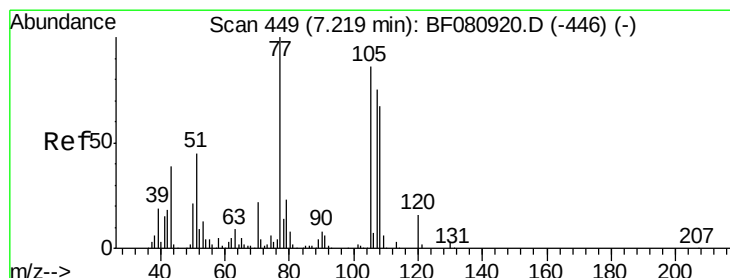
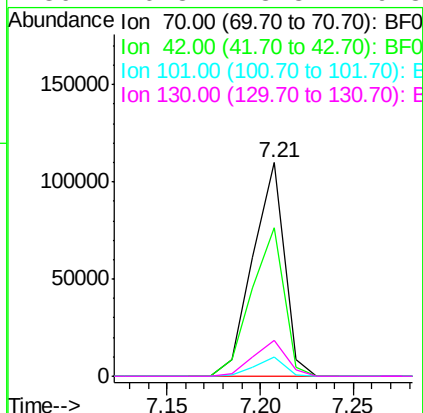




#19
n-Nitroso-di-n-propylamine
Concen: 34.46 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

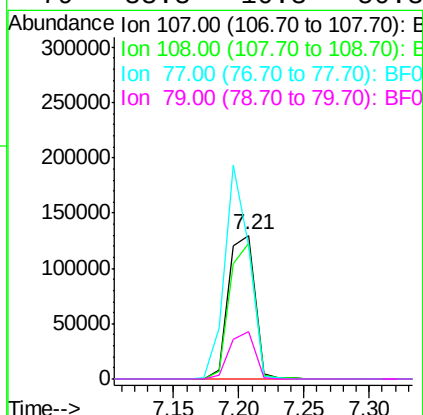
Instrument :
BNA_F
ClientSampleId :

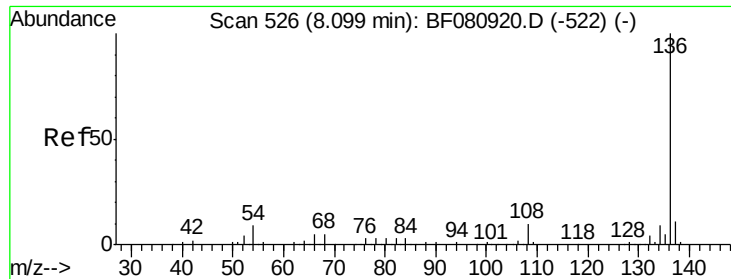
Tot Ion: 70 Resp: 129244
Ion Ratio Lower Upper
70 100
42 69.5 55.7 83.5
101 8.8 7.0 10.6
130 16.8 13.8 20.8



#20
3+4-Methylphenols
Concen: 39.17 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 107 Resp: 181998
Ion Ratio Lower Upper
107 100
108 94.7 69.2 109.2
77 92.6 113.0 153.0#
79 33.3 10.3 50.3

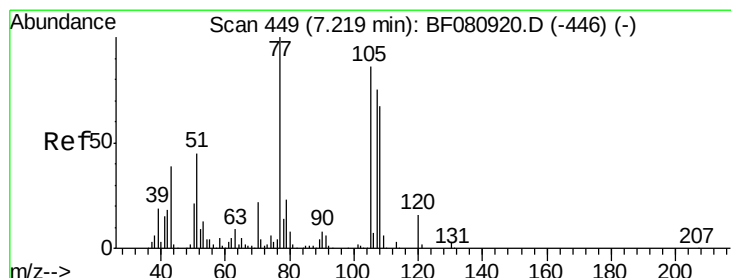
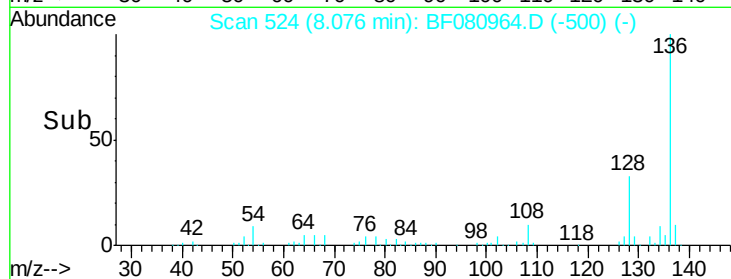
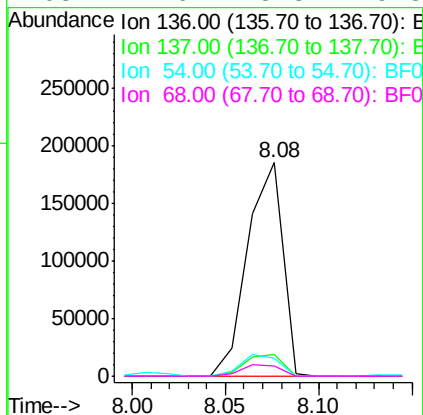
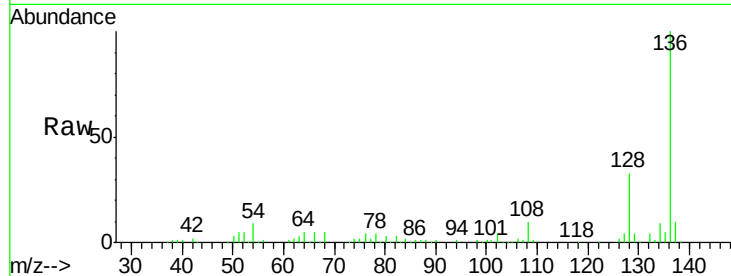




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

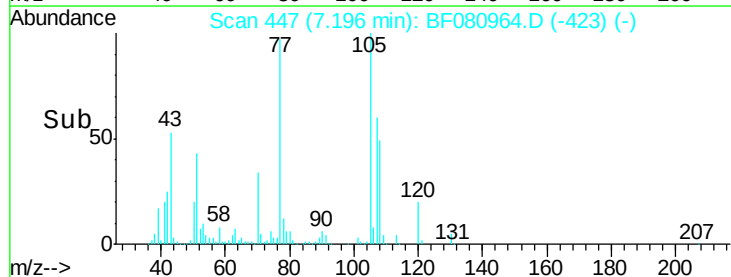
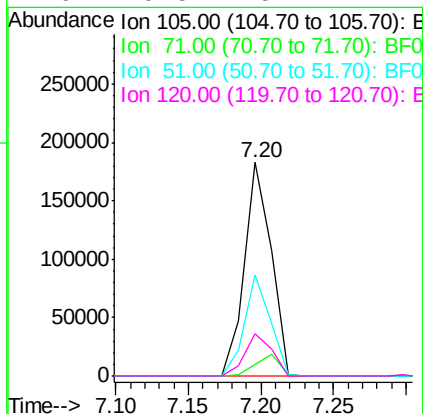
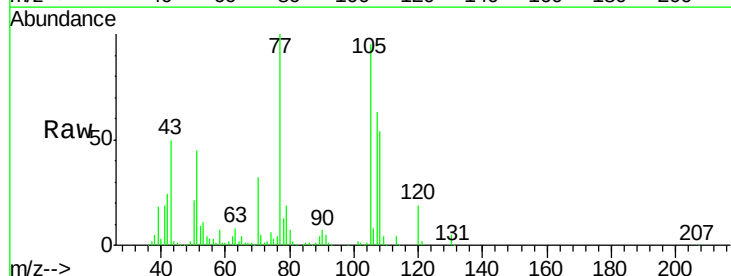
Instrument :
BNA_F
ClientSampleId :

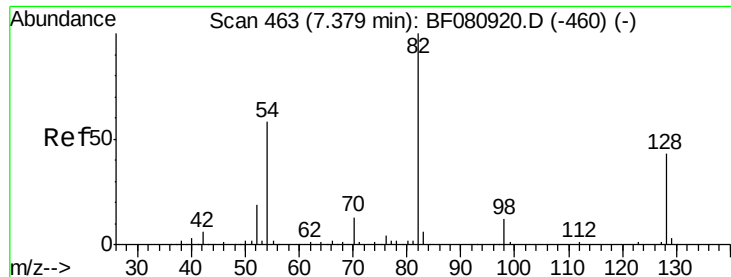
Tot Ion:136	Resp:	242429
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	8.5	7.1 10.7
68	4.6	3.8 5.8



#22
Acetophenone
Concen: 39.18 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:105	Resp:	232765
Ion Ratio	Lower	Upper
105	100	
71	5.3	3.3 4.9#
51	47.6	41.8 62.6
120	19.5	15.1 22.7

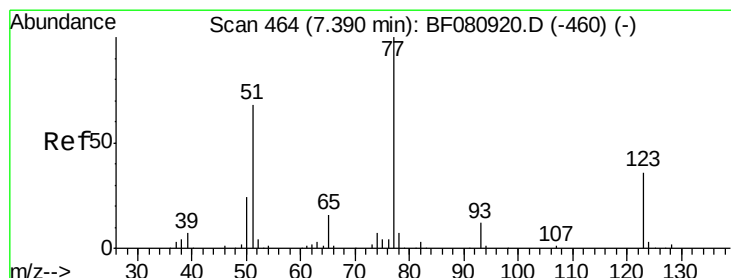
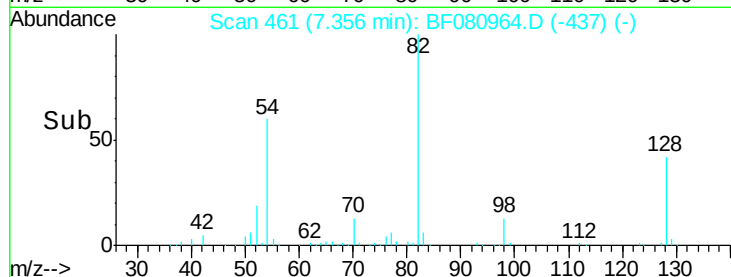
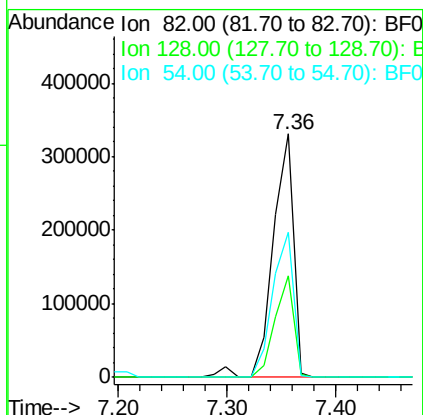
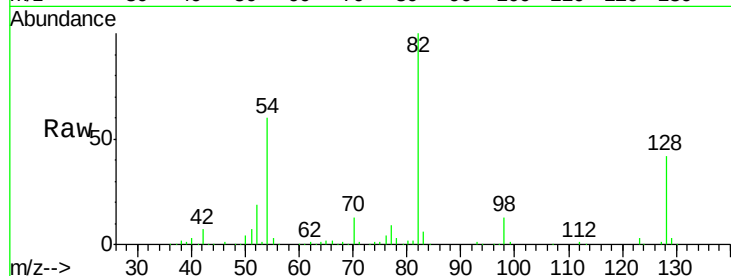




#23
 Nitrobenzene-d5
 Concen: 85.00 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

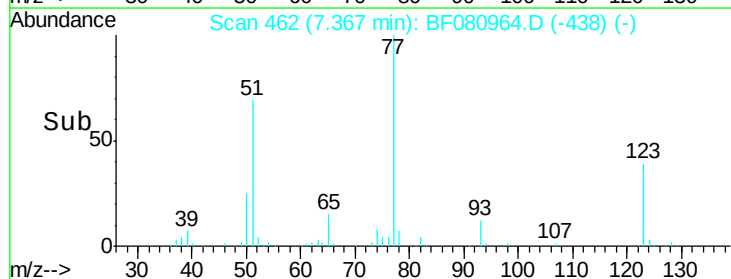
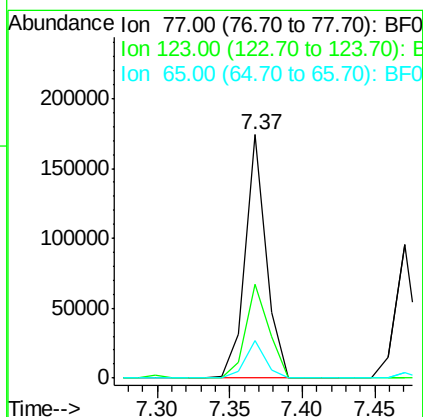
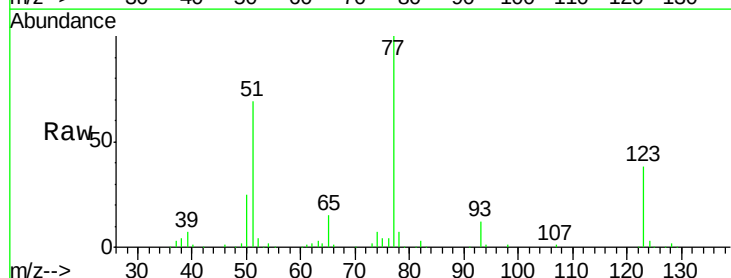
Instrument :
 BNA_F
 ClientSampleId :

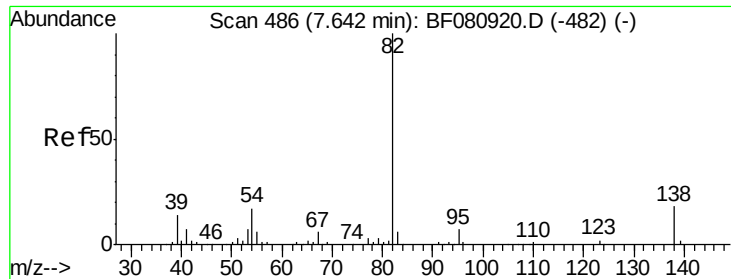
Tot Ion: 82 Resp: 435659
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.1 51.1
 54 59.7 46.5 69.7



#24
 Nitrobenzene
 Concen: 33.22 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion: 77 Resp: 175325
 Ion Ratio Lower Upper
 77 100
 123 38.4 28.7 43.1
 65 15.4 12.5 18.7





#25

Isophorone

Concen: 35.93 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

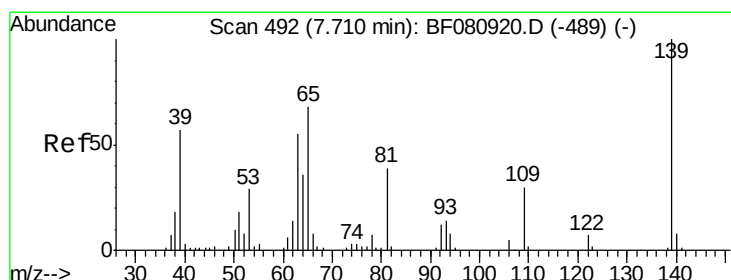
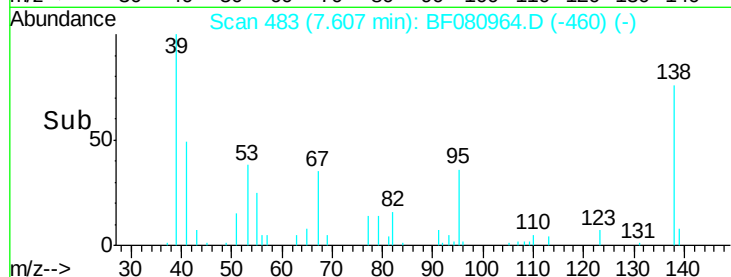
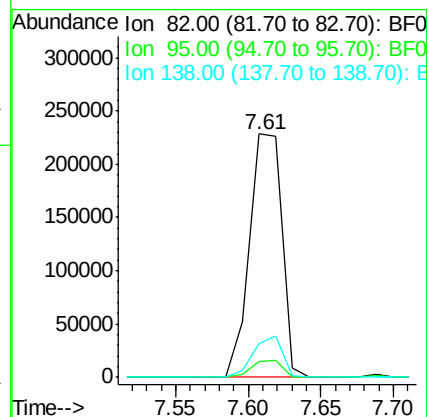
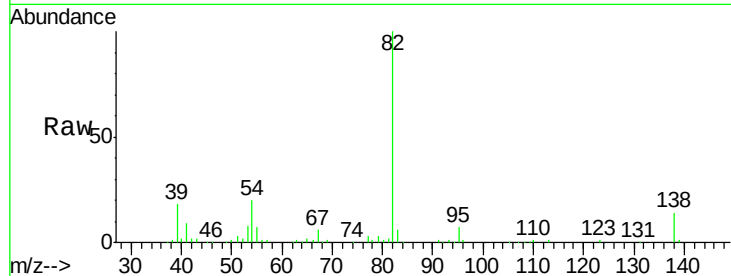
Tot Ion: 82 Resp: 354149

Ion Ratio Lower Upper

82 100

95 6.5 5.8 8.6

138 13.6 14.1 21.1#



#26

2-Nitrophenol

Concen: 38.27 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

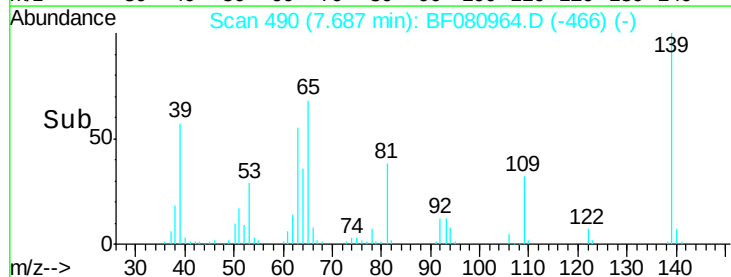
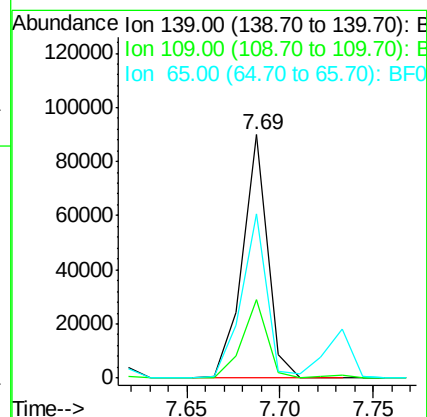
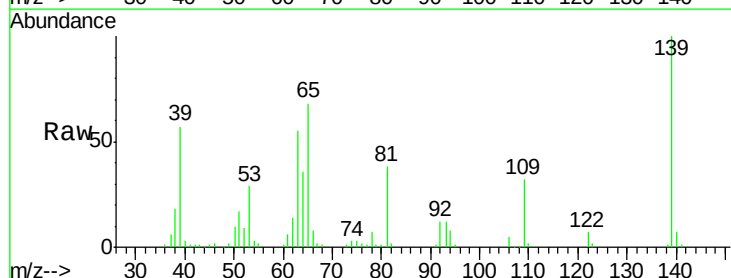
Tgt Ion: 139 Resp: 84982

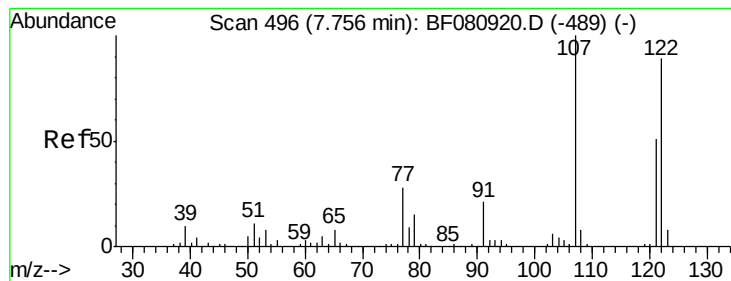
Ion Ratio Lower Upper

139 100

109 32.3 24.1 36.1

65 67.6 54.0 81.0





#27

2,4-Dimethylphenol

Concen: 40.66 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

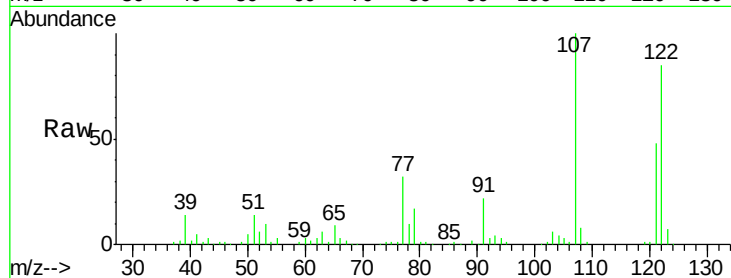
Tot Ion:122 Resp: 169015

Ion Ratio Lower Upper

122 100

107 117.5 90.2 135.4

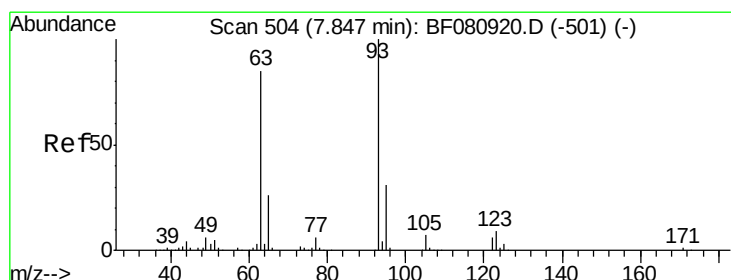
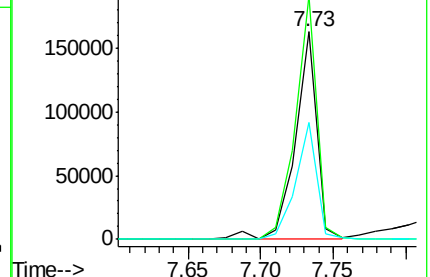
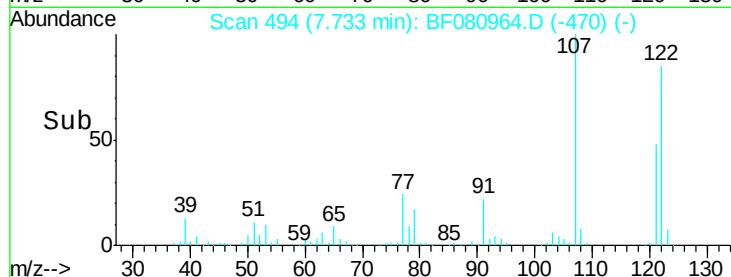
121 56.2 46.0 69.0



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: 33.93 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

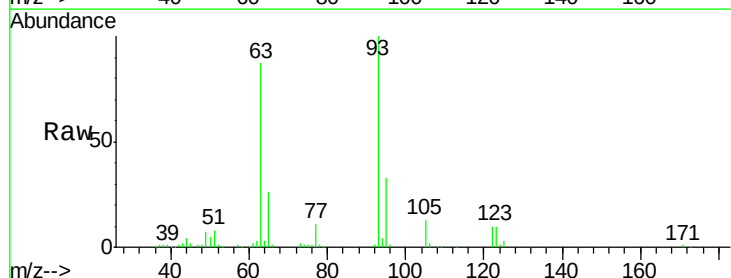
Tgt Ion: 93 Resp: 200778

Ion Ratio Lower Upper

93 100

95 33.2 25.0 37.4

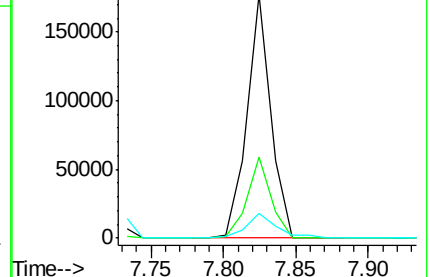
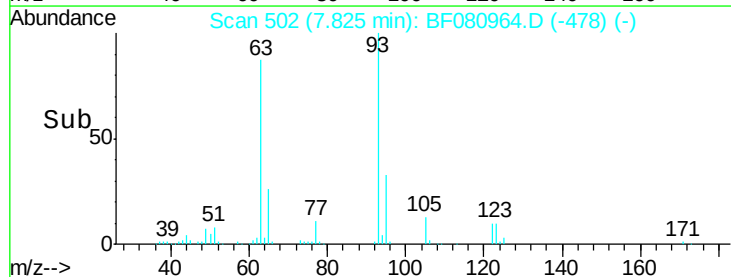
123 10.1 7.4 11.0

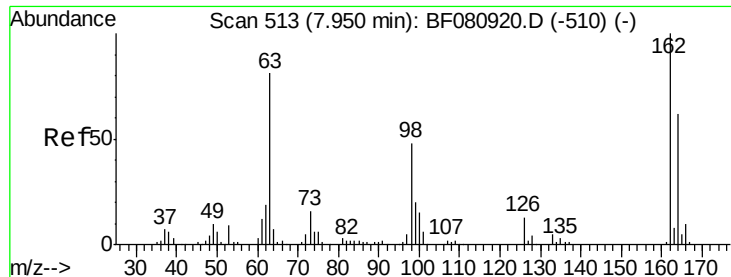


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

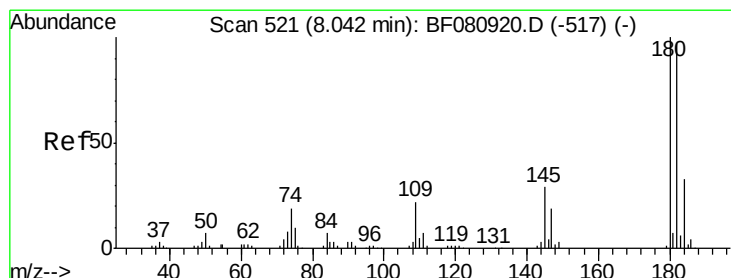
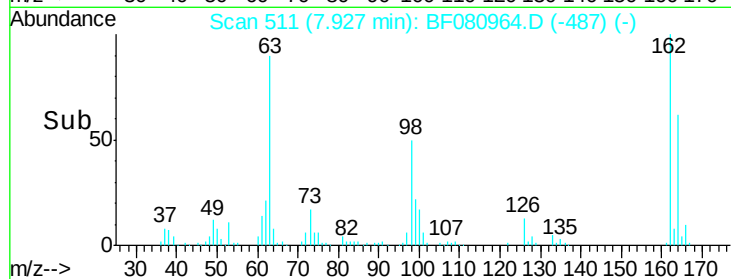
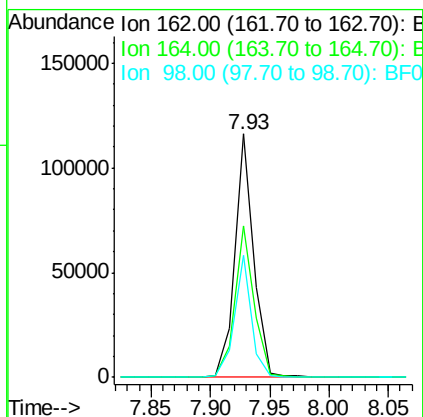
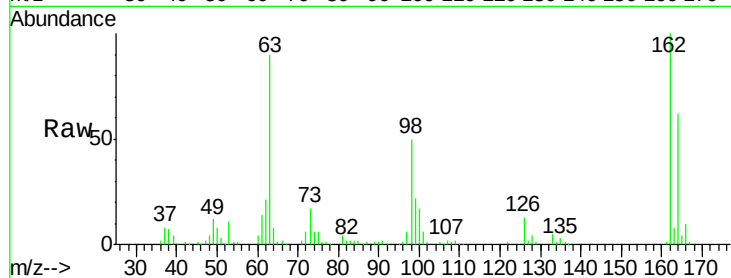




#29
2,4-Dichlorophenol
Concen: 37.69 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

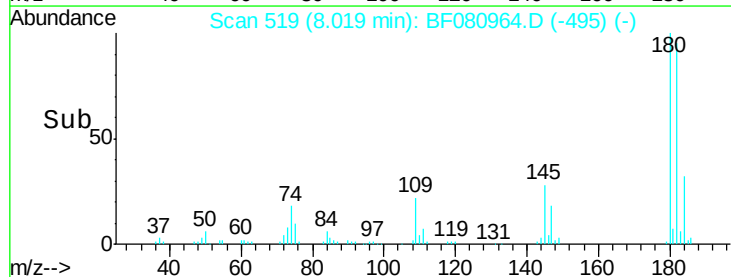
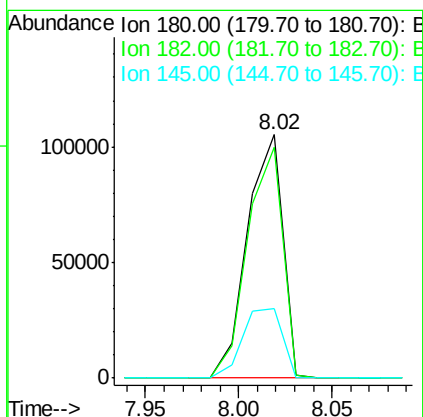
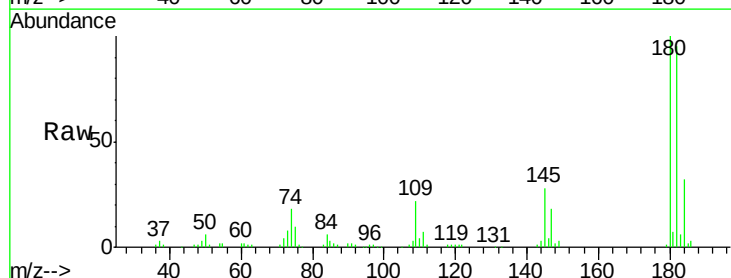
Instrument :
BNA_F
ClientSampleId :

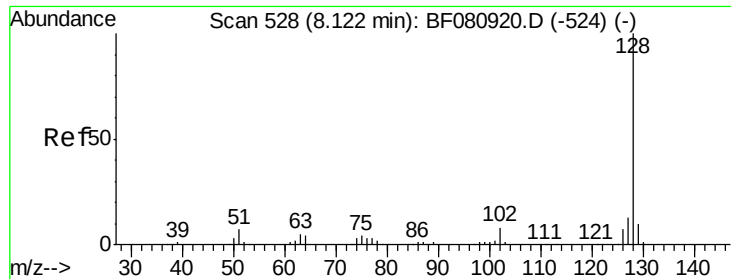
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.3	82.3
98	50.3	27.7	67.7



#30
1,2,4-Trichlorobenzene
Concen: 37.04 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	77.4	116.0
145	28.5	23.2	34.8

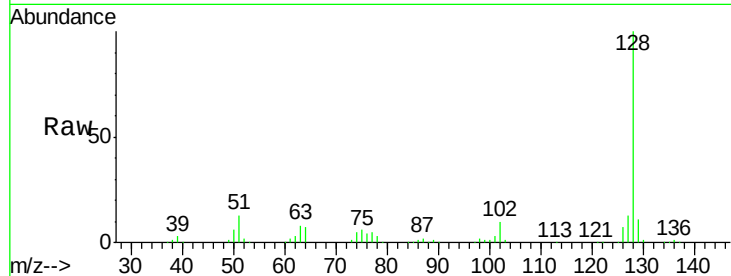




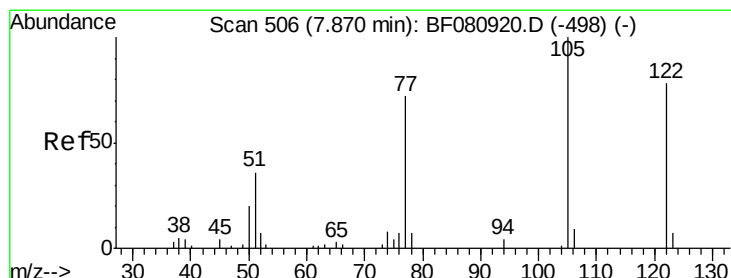
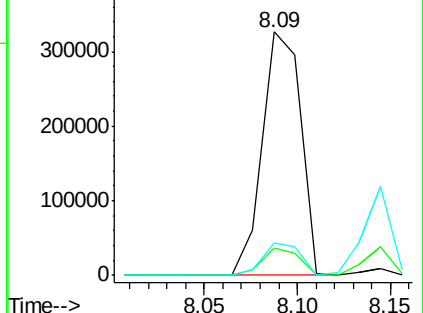
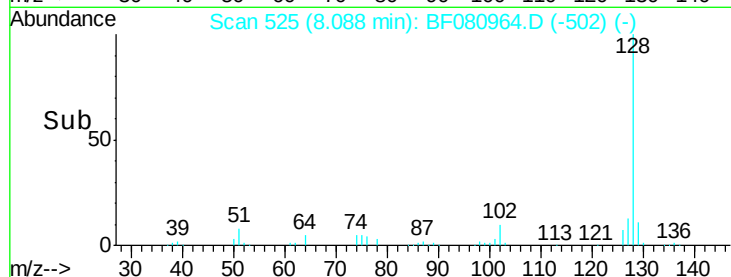
#31
Naphthalene
Concen: 35.24 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 470853
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 13.4 10.5 15.7

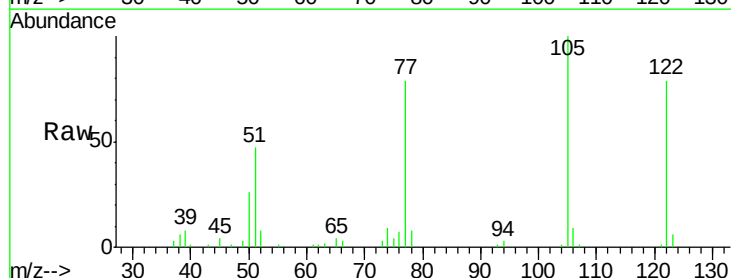


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

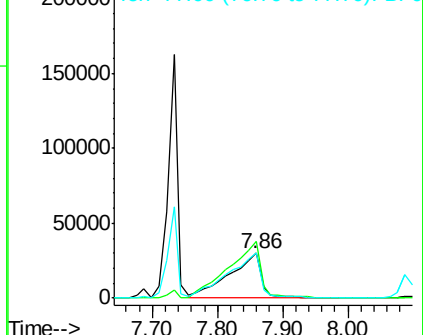
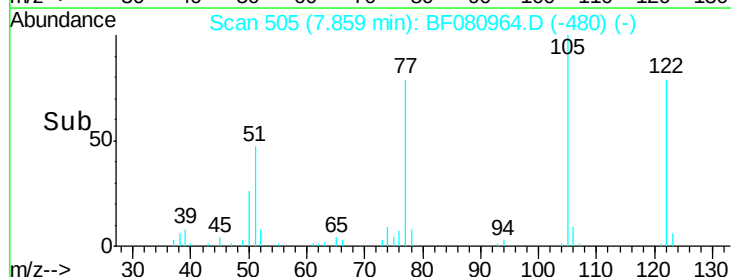


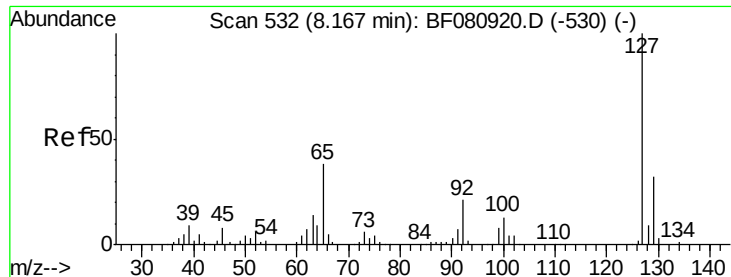
#32
Benzoic acid
Concen: 40.27 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:122 Resp: 100213
Ion Ratio Lower Upper
122 100
105 127.2 103.6 143.6
77 101.0 70.4 110.4



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

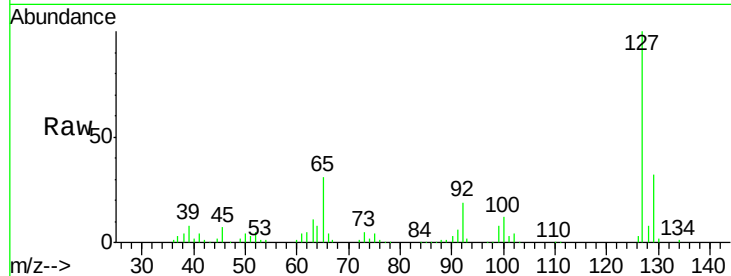




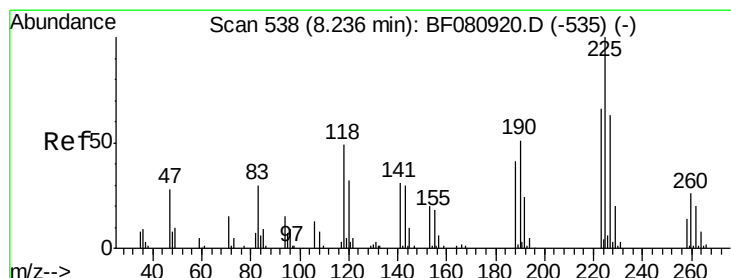
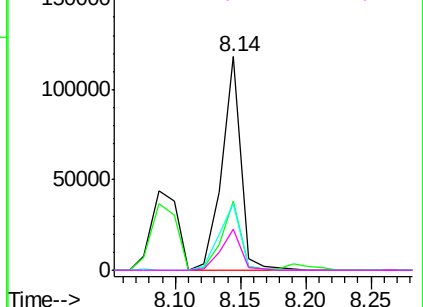
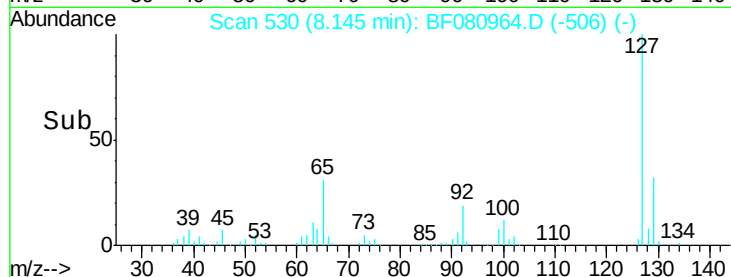
#33
4-Chloroaniline
Concen: 22.23 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	120739
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	31.1	30.6	45.8
92	19.1	16.9	25.3

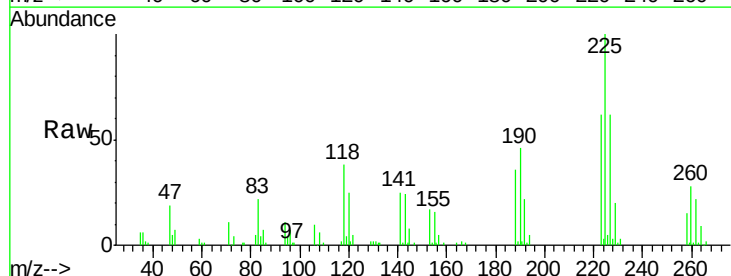


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

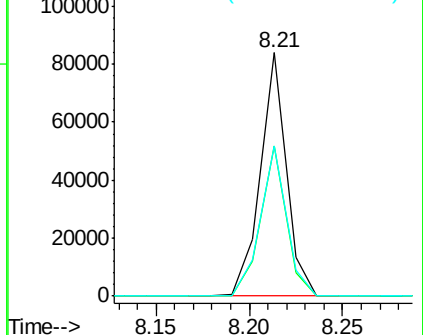
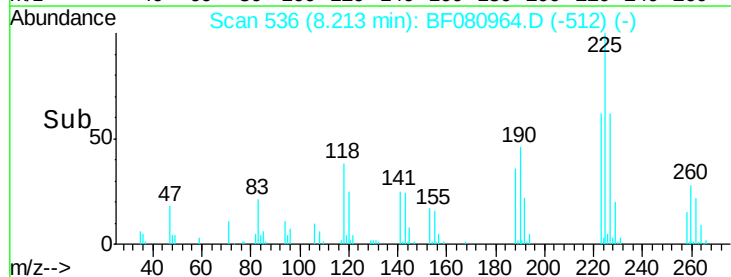


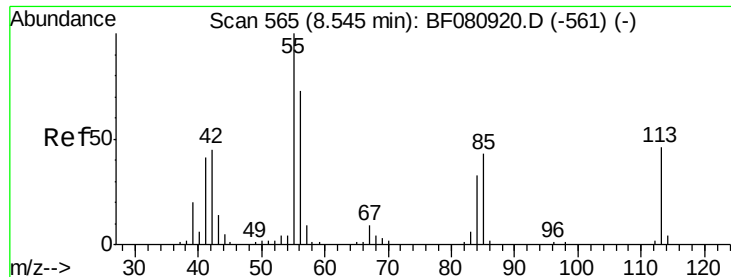
#34
Hexachlorobutadiene
Concen: 36.27 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:	225	Resp:	80583
Ion	Ratio	Lower	Upper
225	100		
223	61.7	52.5	78.7
227	61.9	50.3	75.5



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: 25.86 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

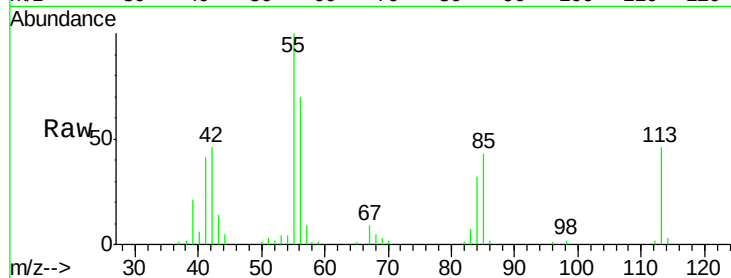
Tot Ion:113 Resp: 31781

Ion Ratio Lower Upper

113 100

55 215.5 196.4 236.4

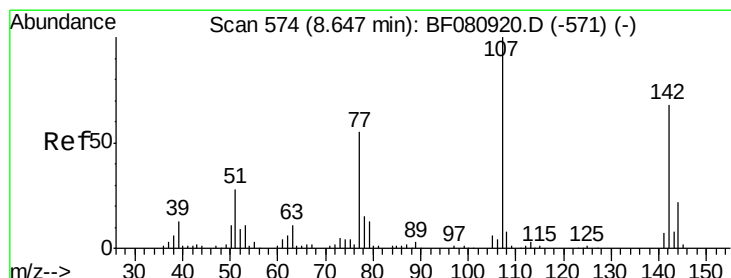
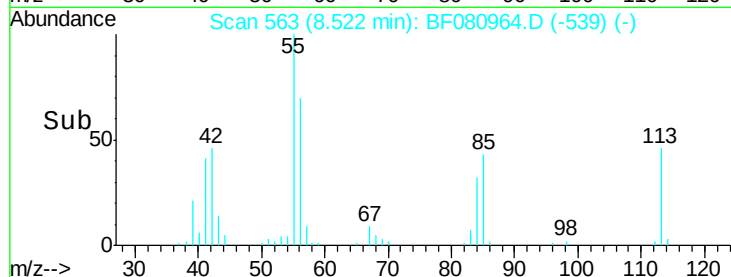
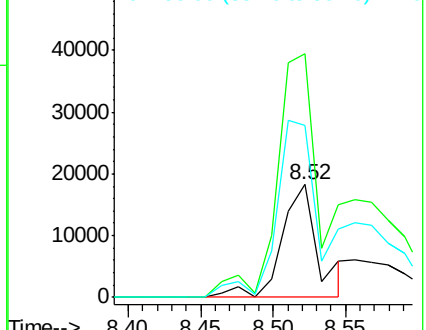
56 151.8 137.9 177.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.41 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

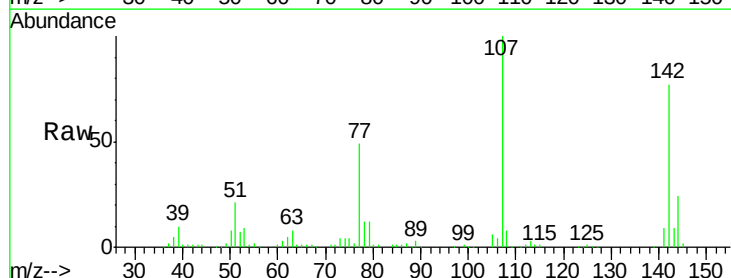
Tgt Ion:107 Resp: 164285

Ion Ratio Lower Upper

107 100

144 24.3 17.3 25.9

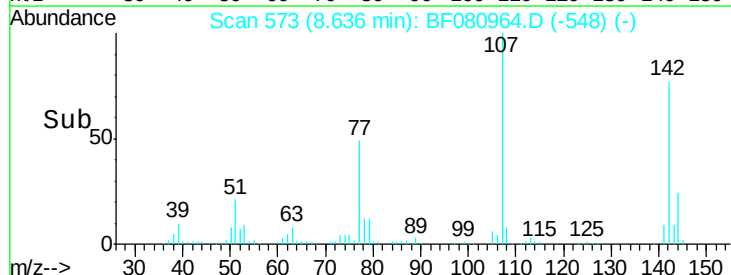
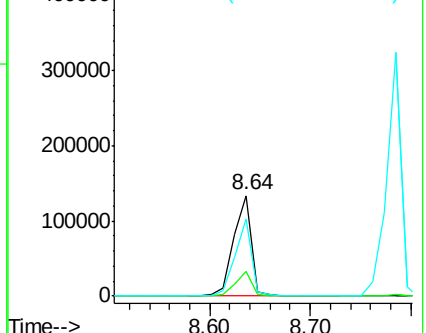
142 76.7 54.4 81.6

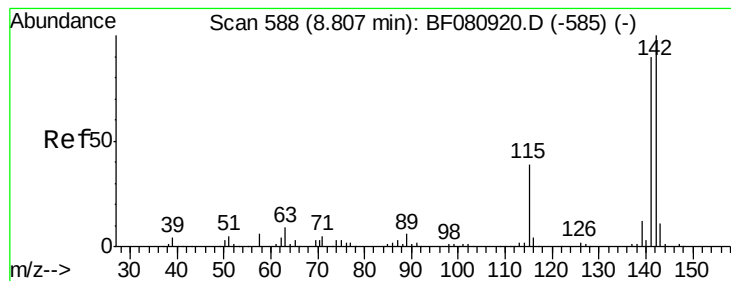


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.62 ng

RT: 8.78 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

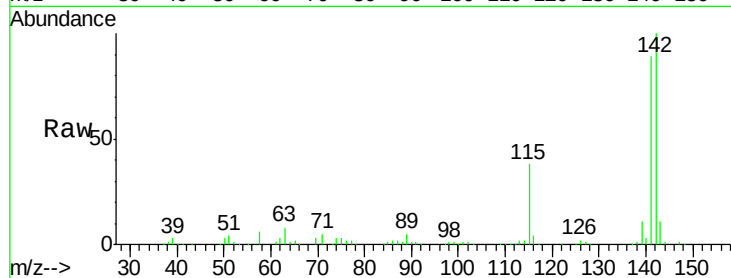
Tot Ion:142 Resp: 320017

Ion Ratio Lower Upper

142 100

141 89.5 71.7 107.5

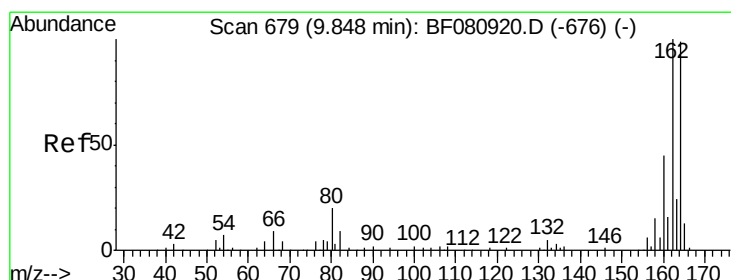
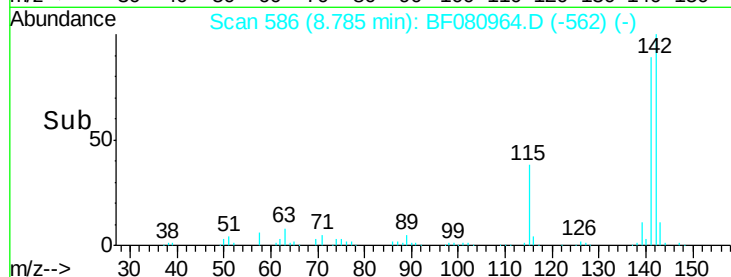
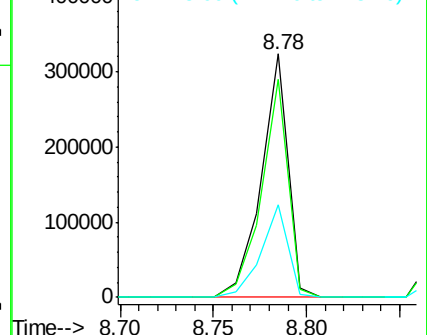
115 37.9 30.9 46.3



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: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

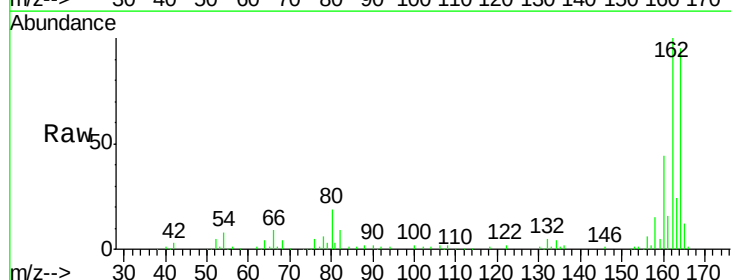
Tgt Ion:164 Resp: 107536

Ion Ratio Lower Upper

164 100

162 104.8 80.5 120.7

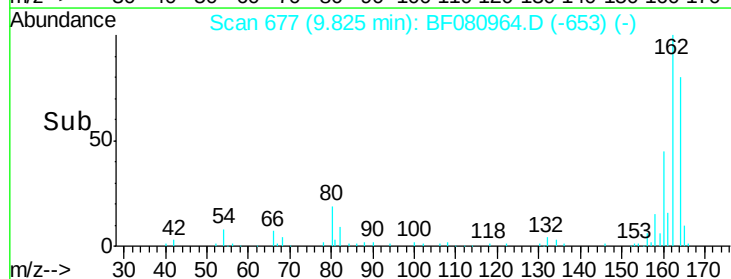
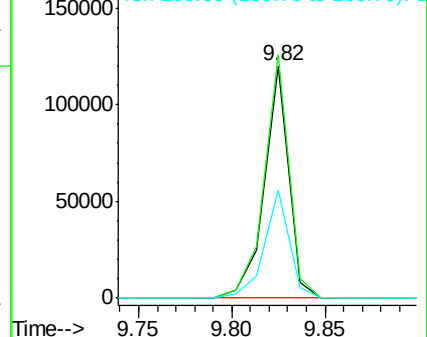
160 46.6 36.6 54.8

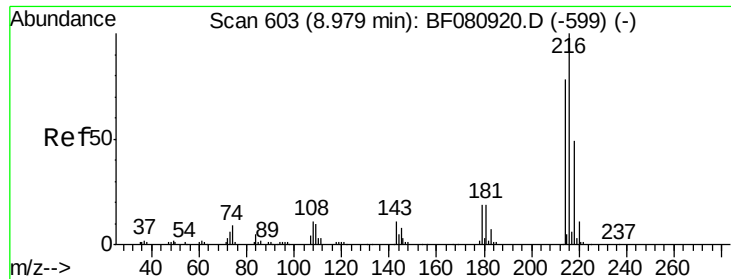


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

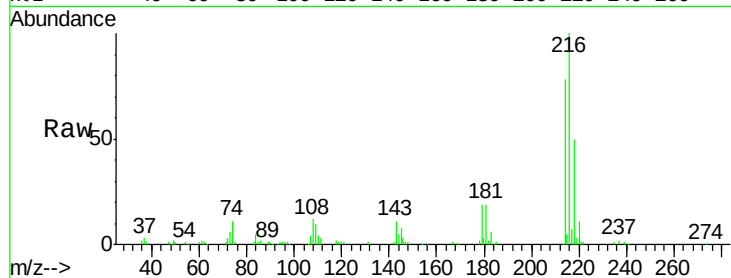




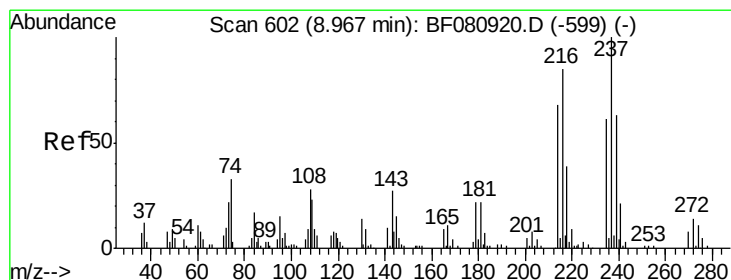
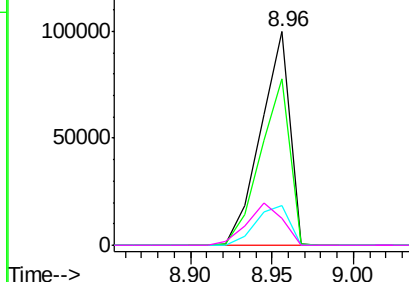
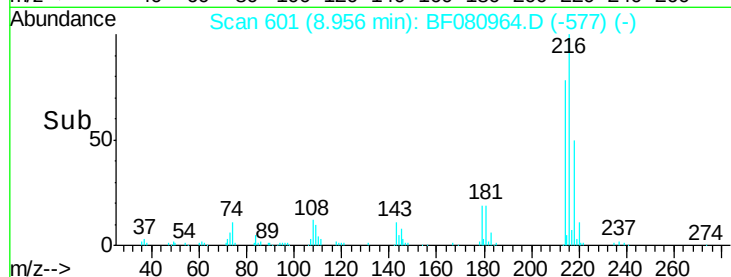
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.47 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	124224
Ion Ratio	Lower	Upper
216	100	
214	78.8	63.0 94.4
179	21.4	17.2 25.8
108	23.4	16.1 24.1

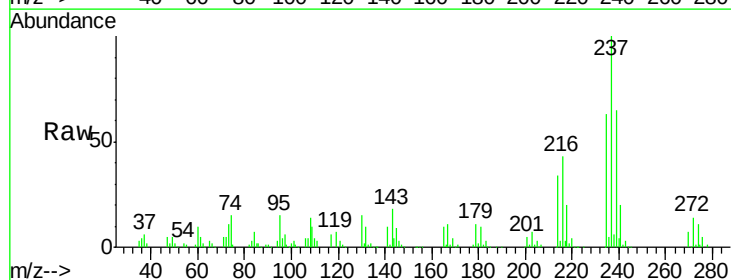


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

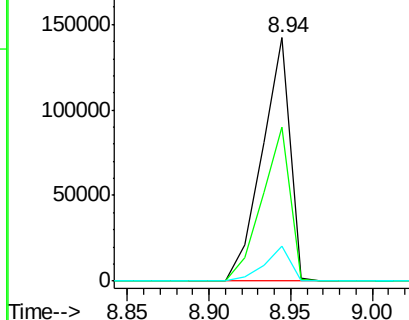
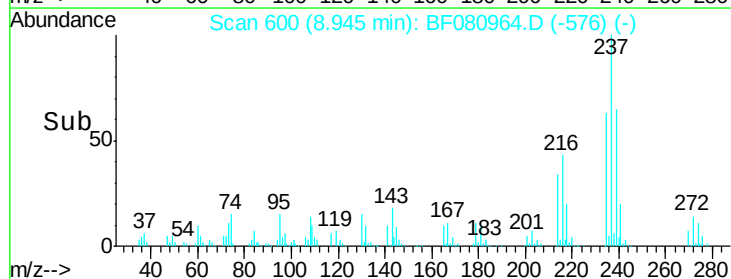


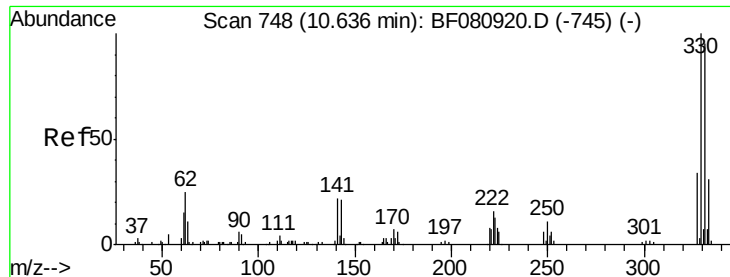
#40
 Hexachlorocyclopentadiene
 Concen: 93.53 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:237	Resp:	169199
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.3 81.3
272	14.2	0.0 33.6



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

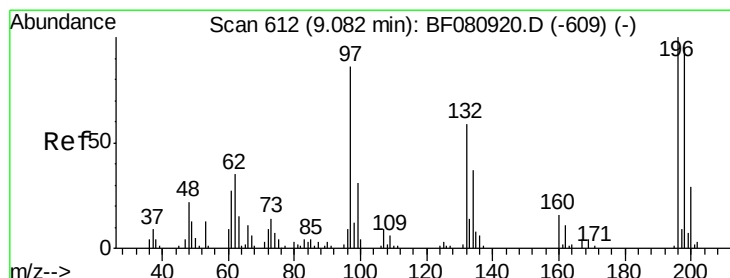
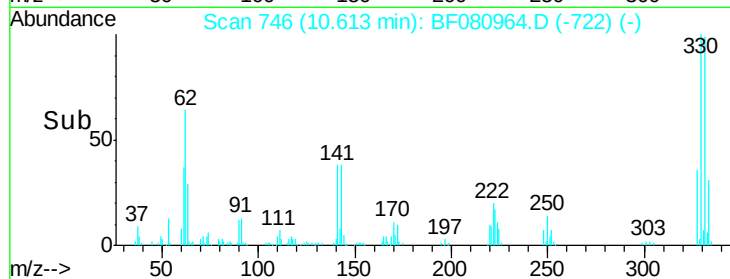
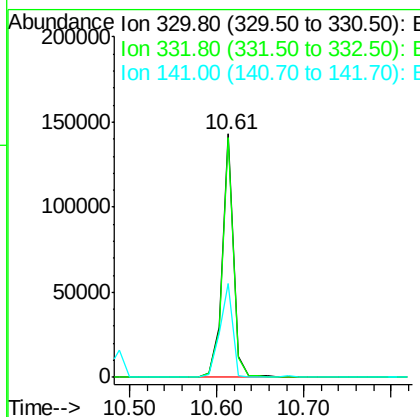
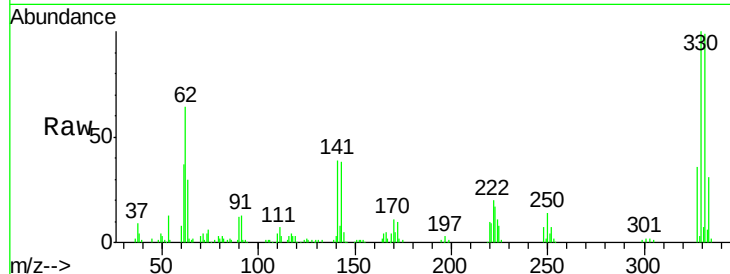




#41
 2,4,6-Tribromophenol
 Concen: 111.71 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

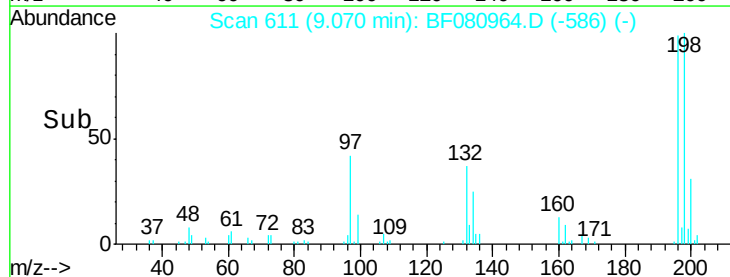
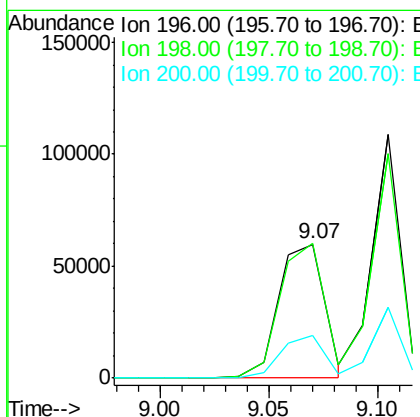
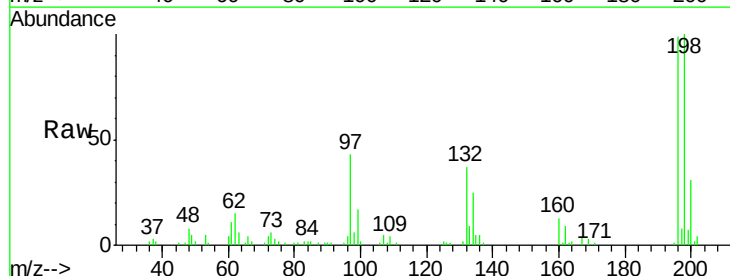
Instrument :
 BNA_F
 ClientSampleId :

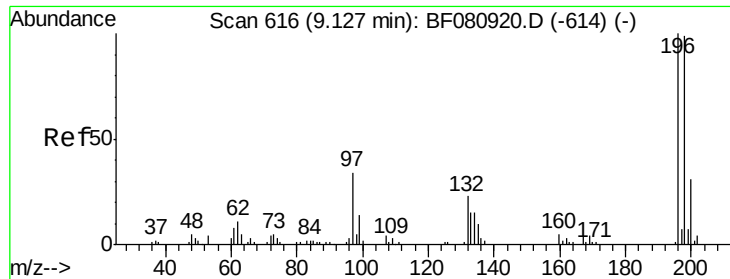
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.2	114.4
141	44.3	27.8	41.8#



#42
 2,4,6-Trichlorophenol
 Concen: 36.52 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	75.9	113.9
200	31.5	23.1	34.7

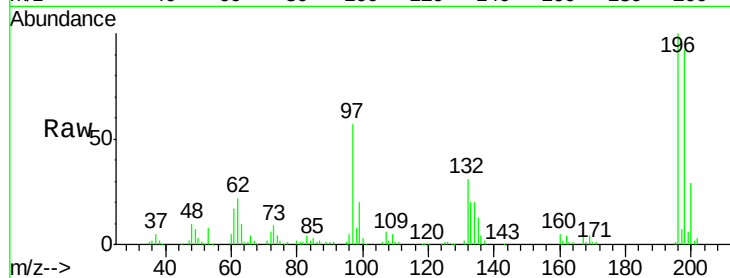




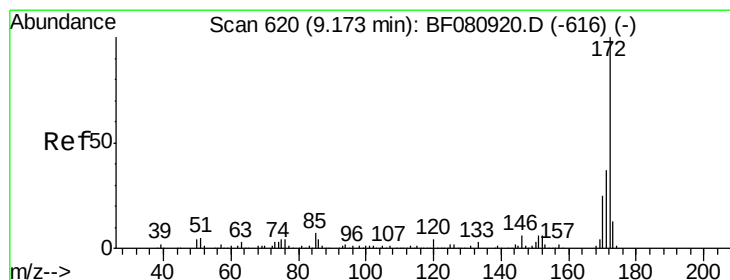
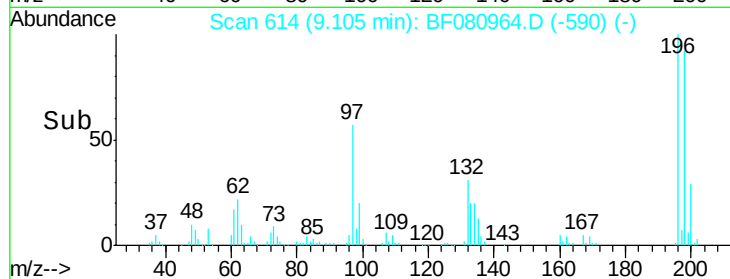
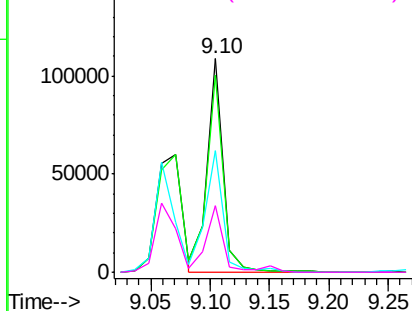
#43
 2,4,5-Trichlorophenol
 Concen: 42.11 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	103103
Ion Ratio	Lower	Upper
196	100	
198	92.2	78.9 118.3
97	56.8	29.1 43.7#
132	30.9	19.1 28.7#

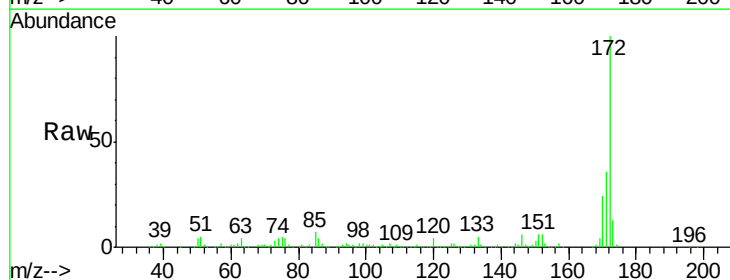


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

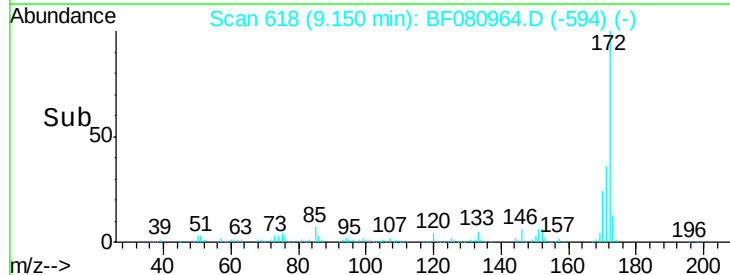
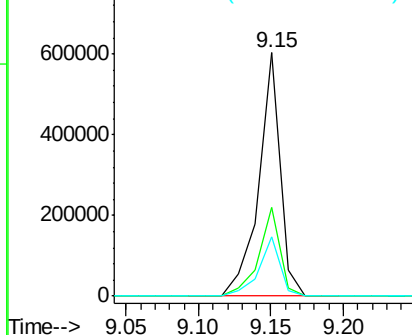


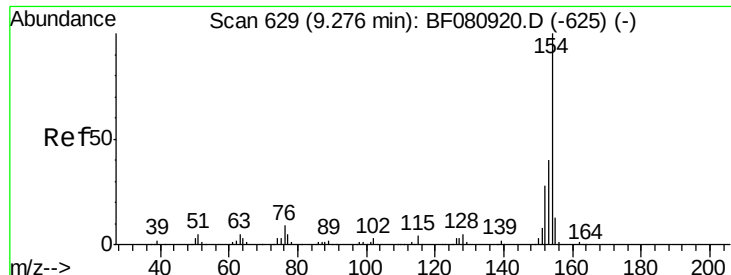
#44
 2-Fluorobiphenyl
 Concen: 81.23 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:172	Resp:	620501
Ion Ratio	Lower	Upper
172	100	
171	36.2	29.4 44.0
170	24.3	19.7 29.5



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

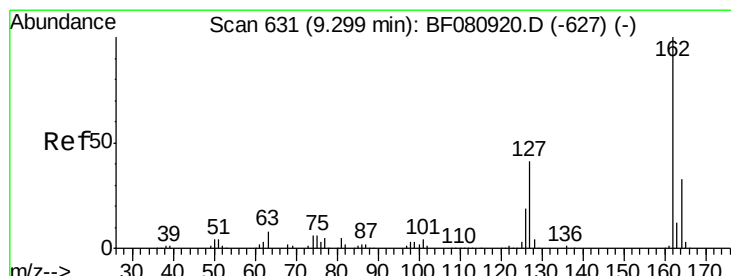
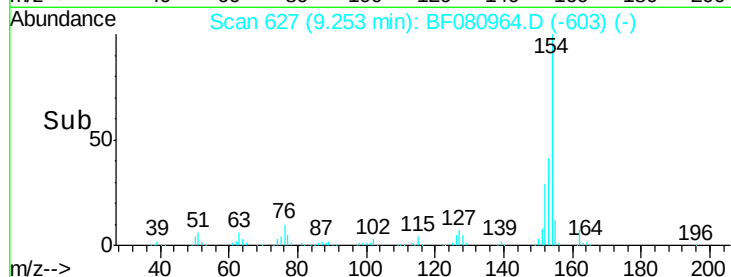
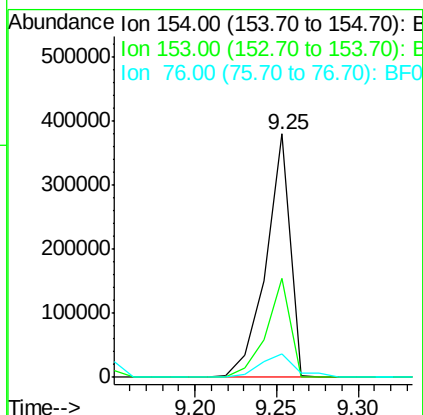
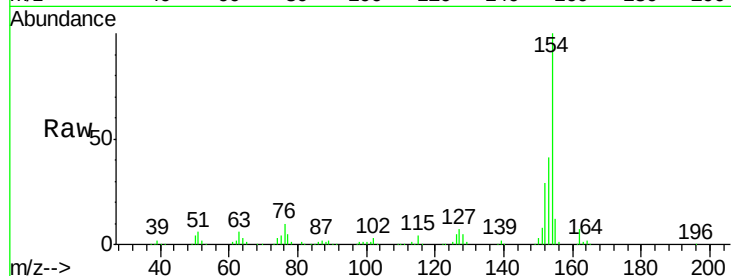




#45
 1,1'-Biphenyl
 Concen: 42.47 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

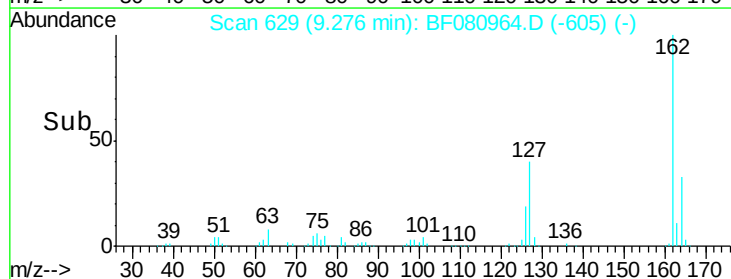
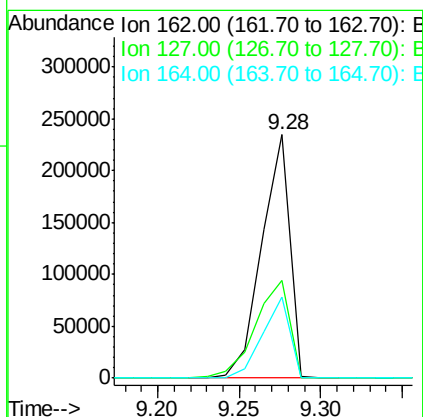
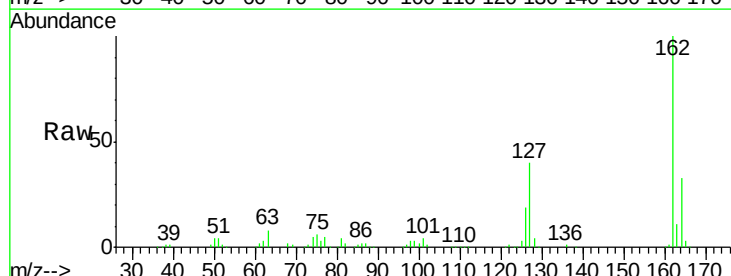
Instrument :
 BNA_F
 ClientSampleId :

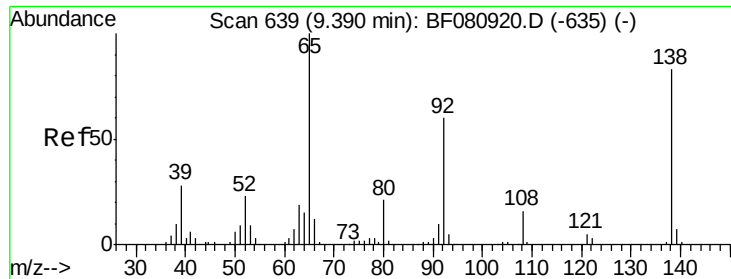
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.1	60.1
76	9.6	0.0	29.3



#46
 2-Chloronaphthalene
 Concen: 39.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	32.5	48.7
164	33.2	26.2	39.4

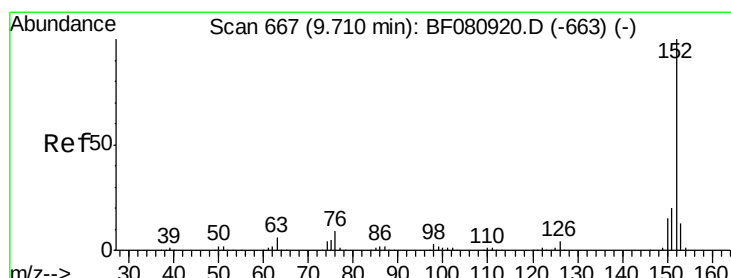
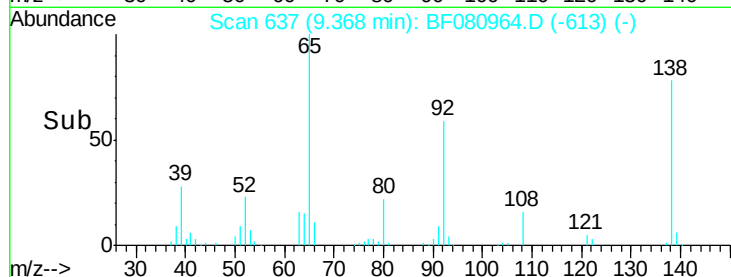
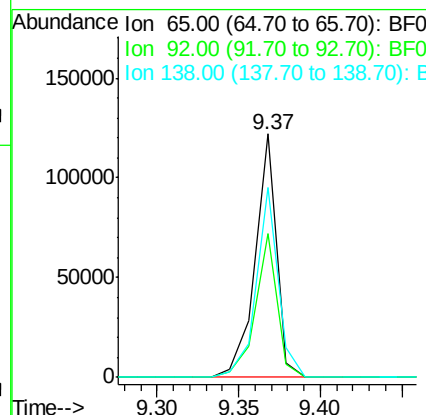
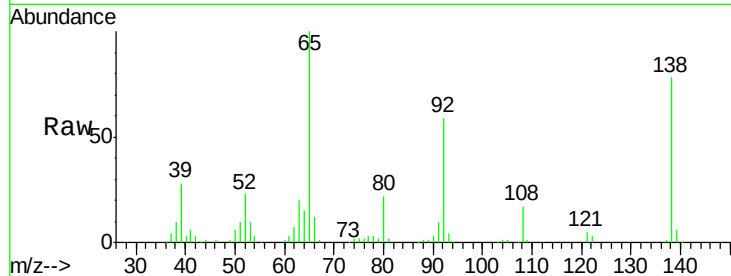




#47
2-Nitroaniline
Concen: 38.52 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

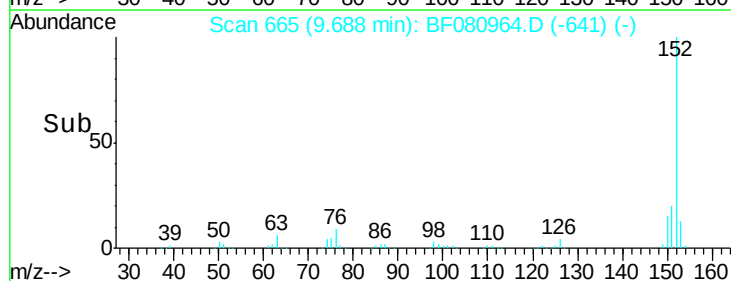
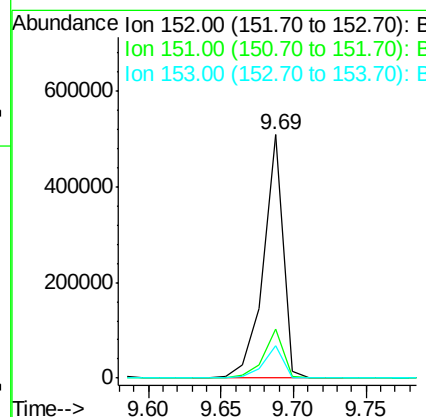
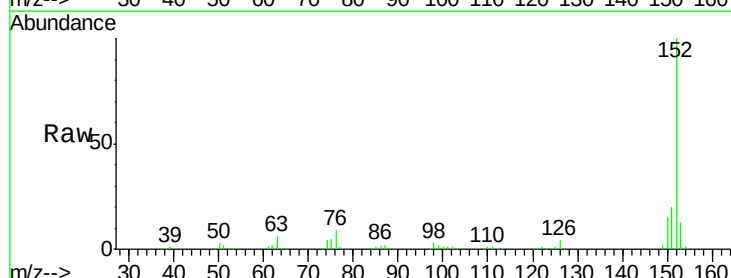
Instrument :
BNA_F
ClientSampleId :

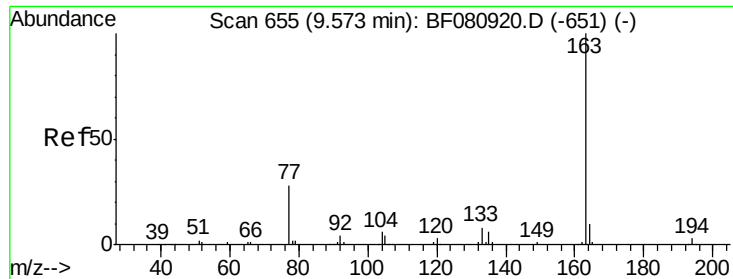
Tot Ion: 65 Resp: 111130
Ion Ratio Lower Upper
65 100
92 59.2 48.0 72.0
138 78.0 66.1 99.1



#48
Acenaphthylene
Concen: 38.43 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion: 152 Resp: 480695
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.2 10.5 15.7

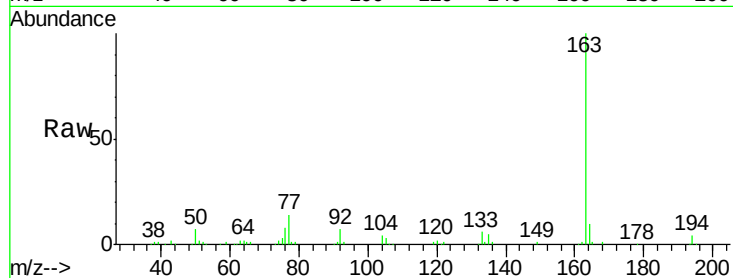




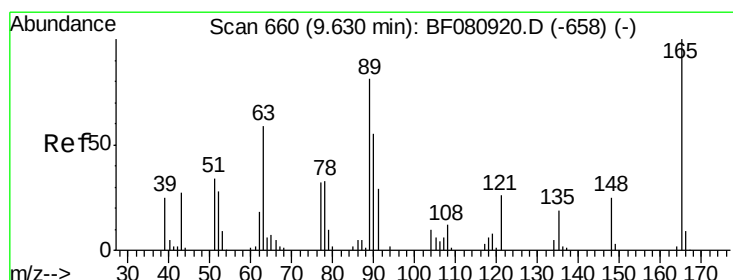
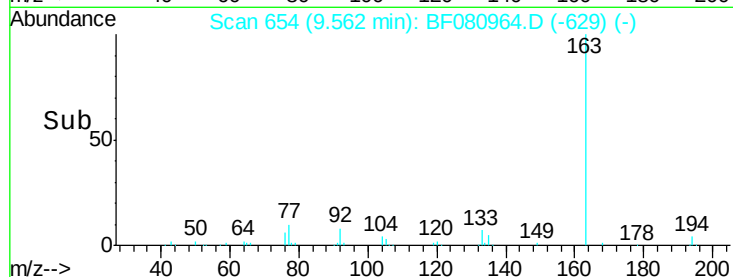
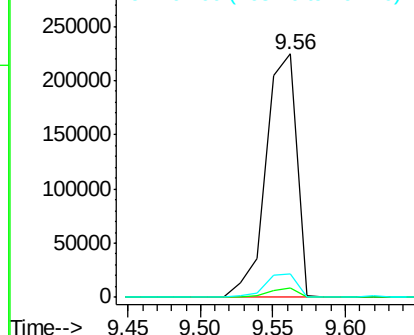
#49
Dimethylphthalate
Concen: 36.86 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 329272
Ion Ratio Lower Upper
163 100
194 3.9 2.4 3.6#
164 9.5 8.2 12.4

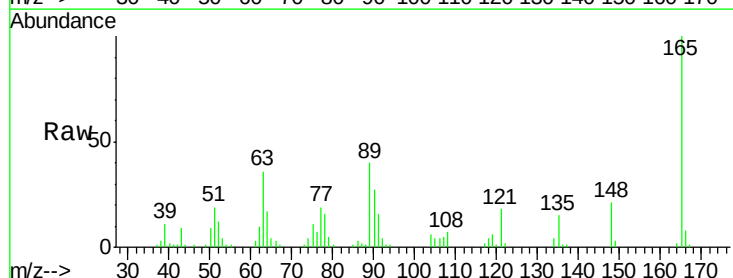


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

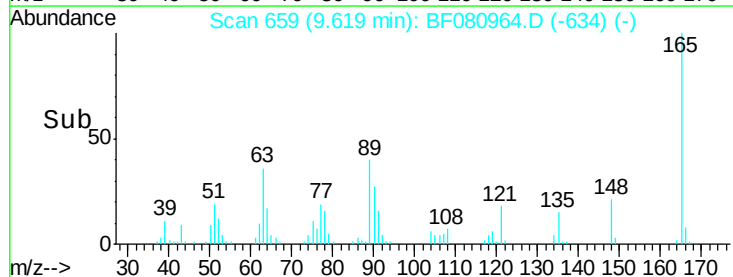
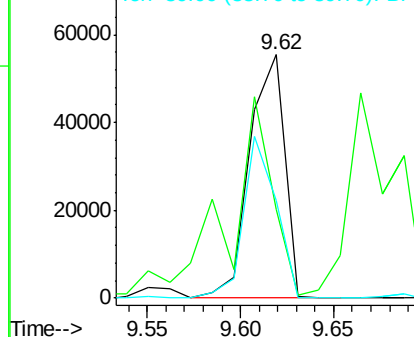


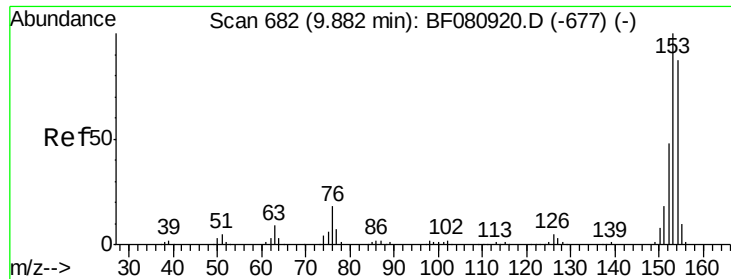
#50
2,6-Dinitrotoluene
Concen: 38.96 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:165 Resp: 71906
Ion Ratio Lower Upper
165 100
63 36.5 77.6 116.4#
89 40.4 64.5 96.7#



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





#51

Acenaphthene

Concen: 42.65 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

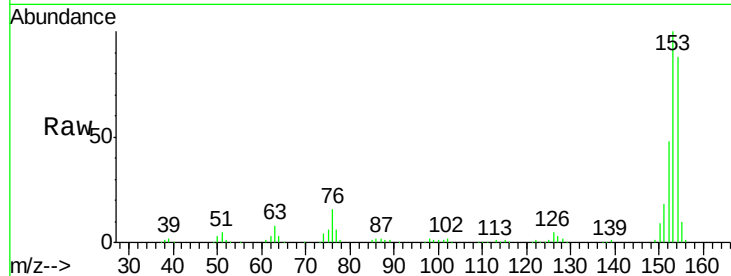
Tot Ion:154 Resp: 326773

Ion Ratio Lower Upper

154 100

153 113.6 91.4 137.2

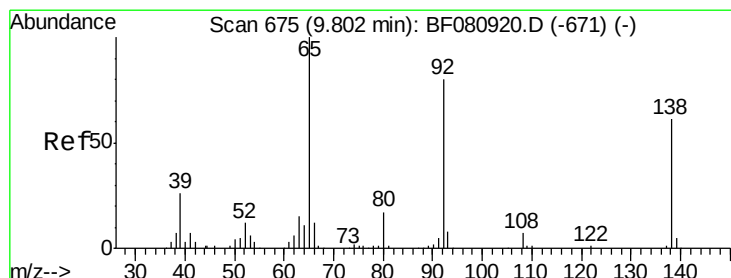
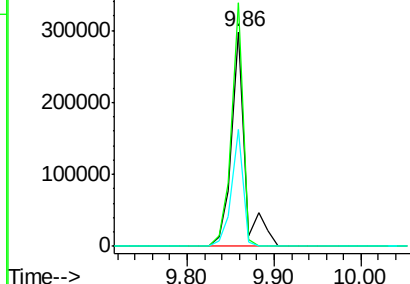
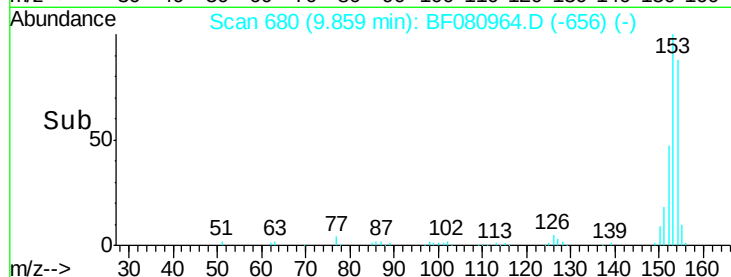
152 54.6 44.2 66.4



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: 24.29 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

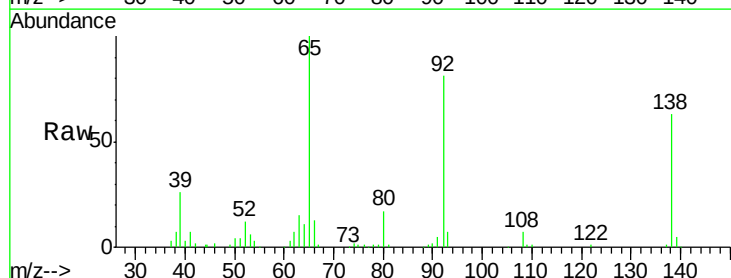
Tgt Ion:138 Resp: 55271

Ion Ratio Lower Upper

138 100

108 10.5 8.7 13.1

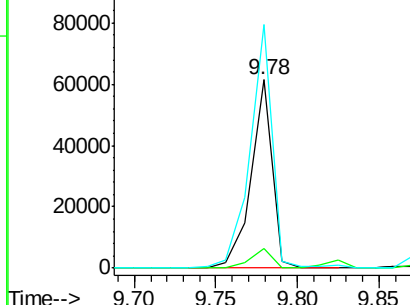
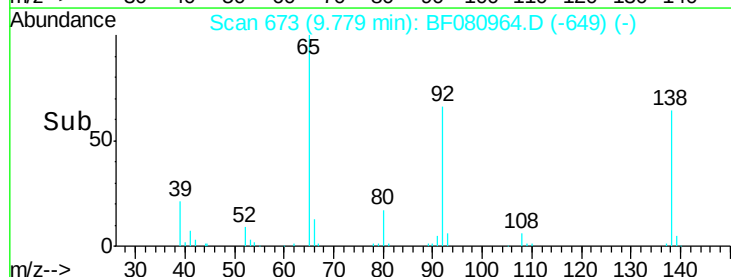
92 129.4 104.4 156.6

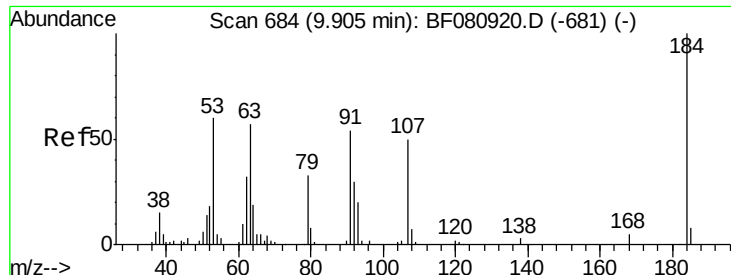


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

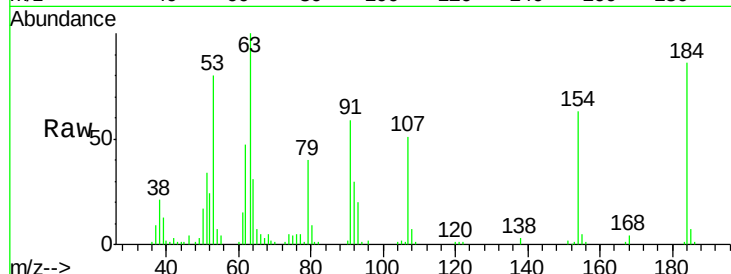




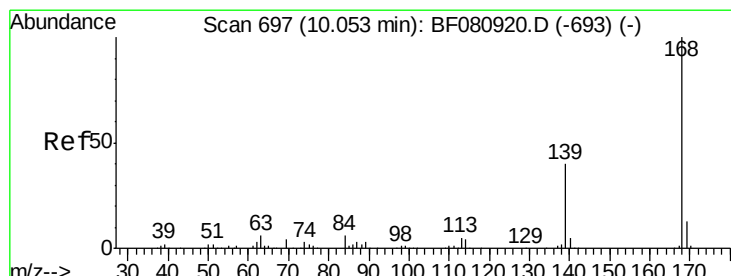
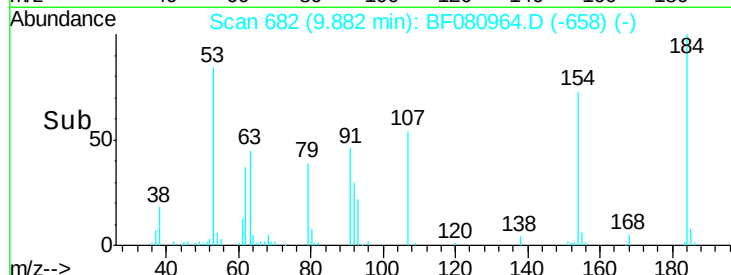
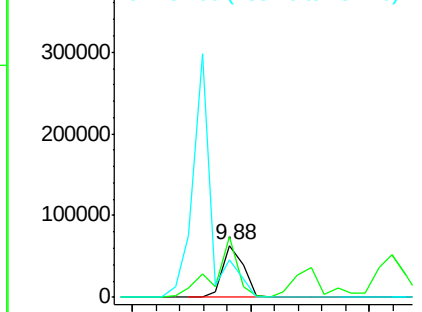
#53
 2,4-Dinitrophenol
 Concen: 70.84 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 78565
 Ion Ratio Lower Upper
 184 100
 63 116.9 59.7 89.5#
 154 73.4 53.8 80.8

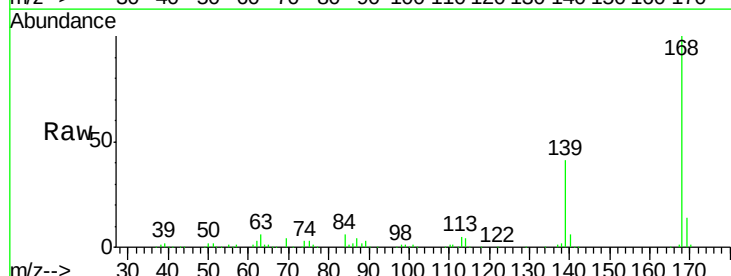


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

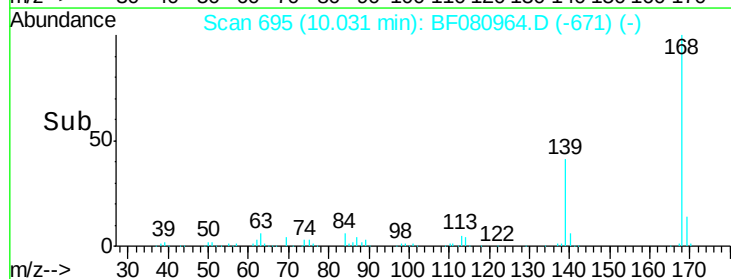
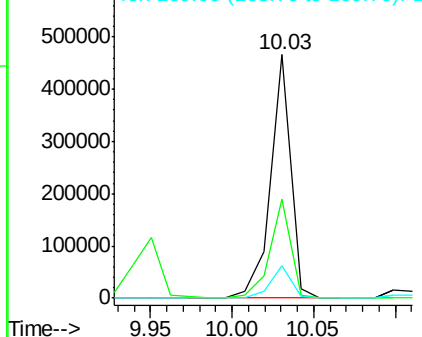


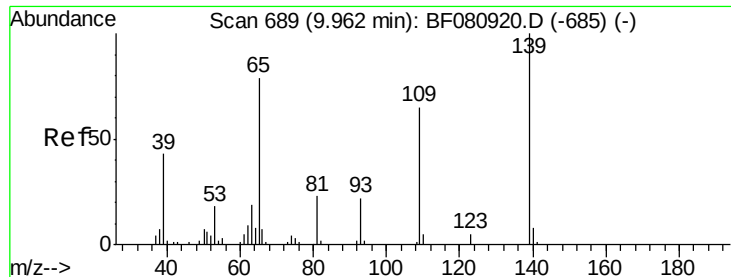
#54
 Dibenzofuran
 Concen: 39.01 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:168 Resp: 404098
 Ion Ratio Lower Upper
 168 100
 139 40.9 31.9 47.9
 169 13.5 10.6 15.8



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: 81.71 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

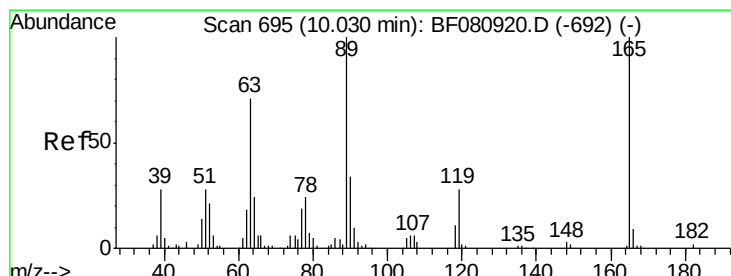
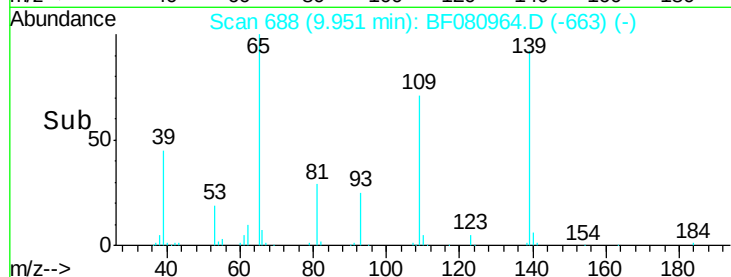
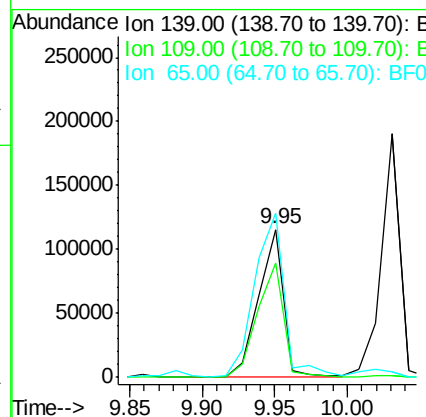
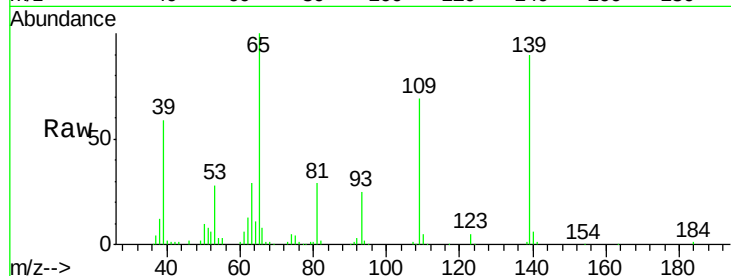
Tot Ion:139 Resp: 139160

Ion Ratio Lower Upper

139 100

109 77.0 44.7 84.7

65 111.0 59.5 99.5#



#56

2,4-Dinitrotoluene

Concen: 43.59 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:165 Resp: 107628

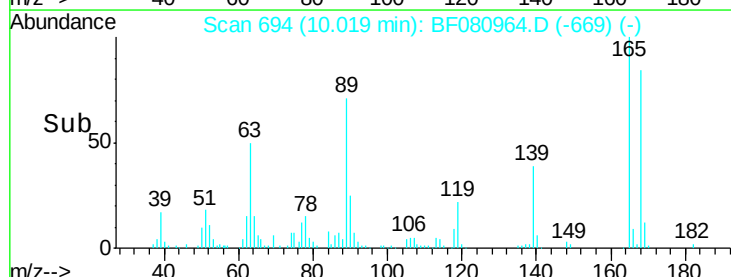
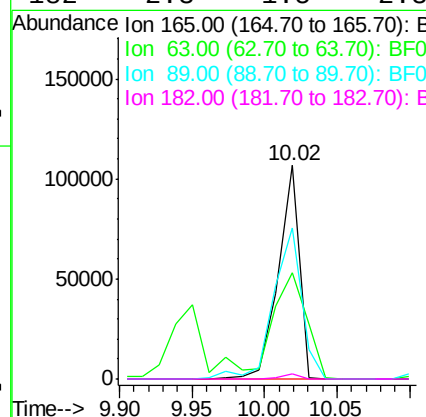
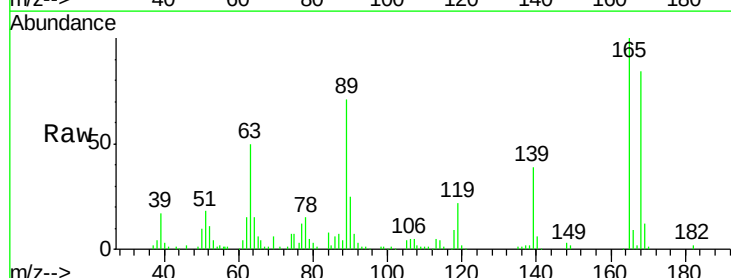
Ion Ratio Lower Upper

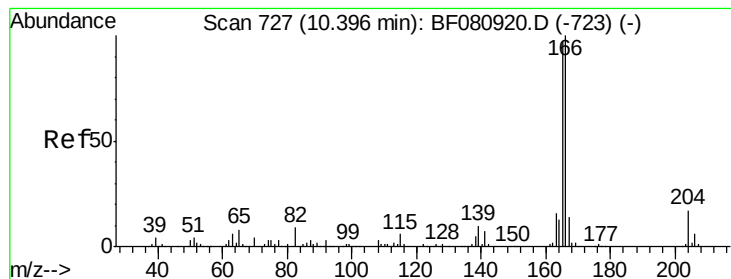
165 100

63 49.6 56.7 85.1#

89 70.8 80.4 120.6#

182 2.3 1.5 2.3#





#57

Fluorene

Concen: 40.60 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

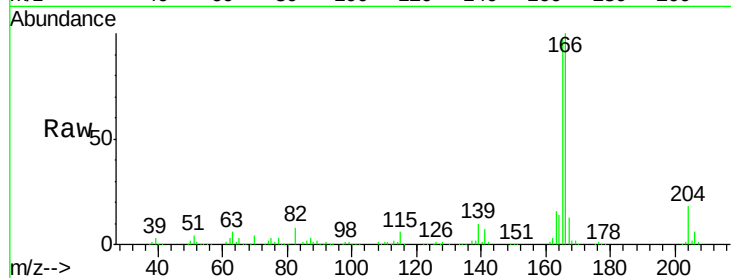
Tot Ion:166 Resp: 325330

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

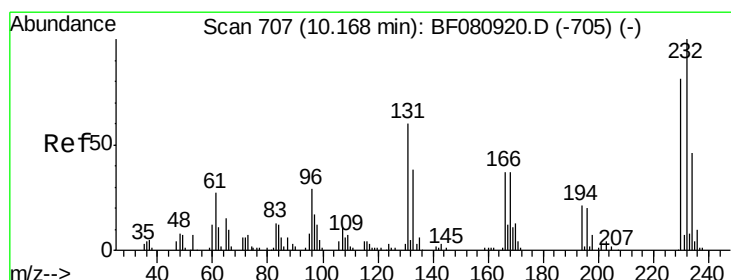
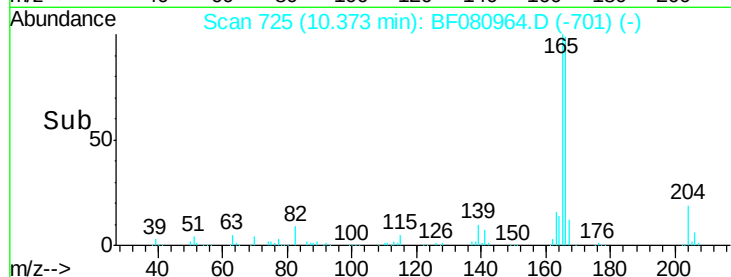
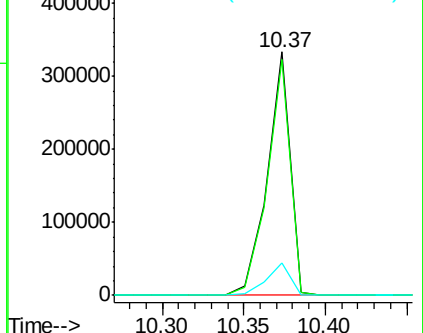
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.04 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:232 Resp: 73704

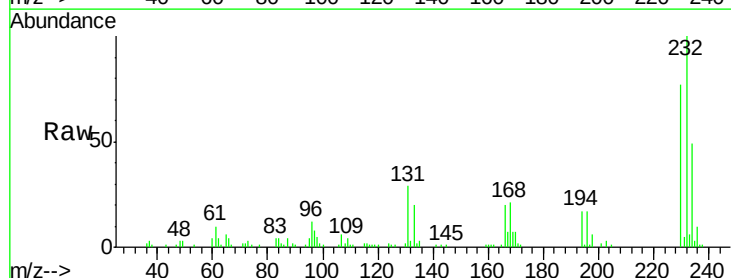
Ion Ratio Lower Upper

232 100

131 47.3 39.4 59.2

130 2.5 2.1 3.1

166 27.1 21.7 32.5

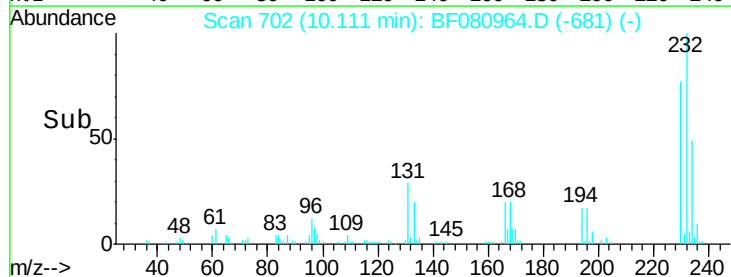
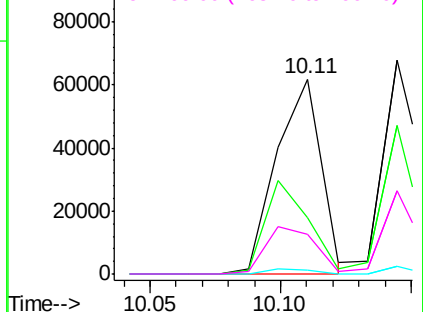


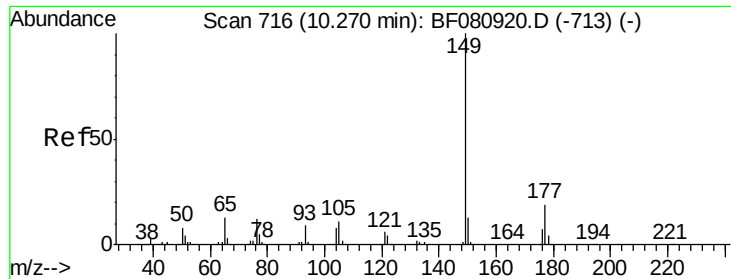
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

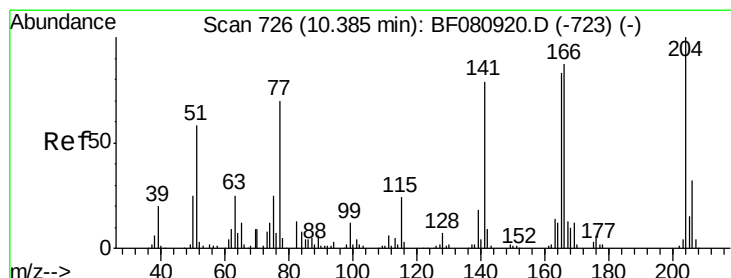
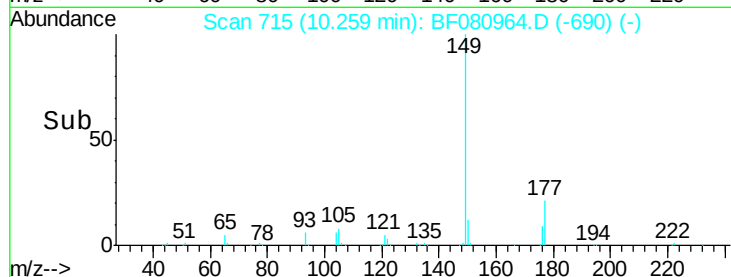
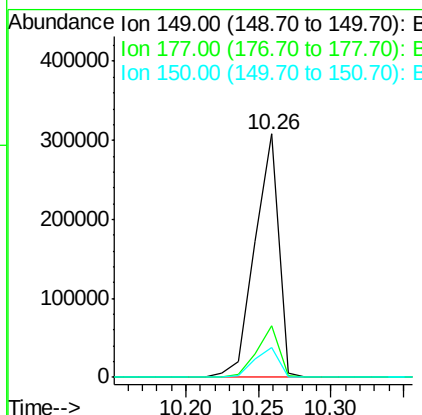
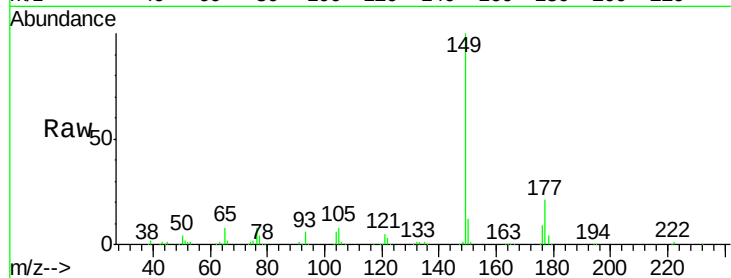




#59
Diethylphthalate
Concen: 37.62 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

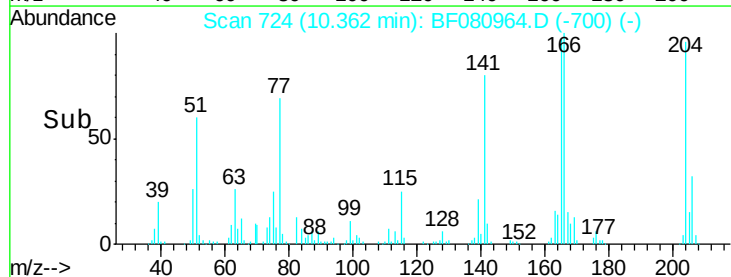
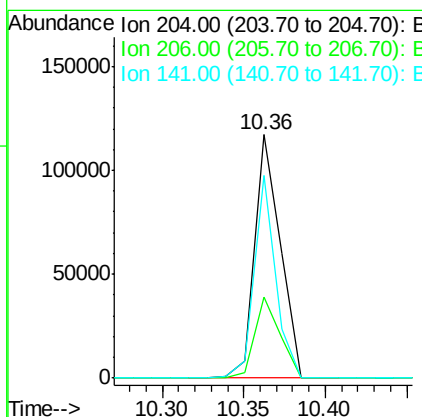
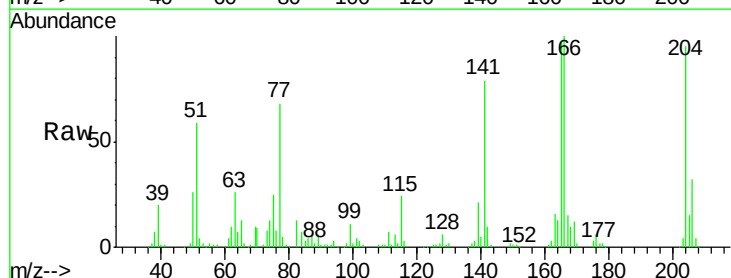
Instrument :
BNA_F
ClientSampled :

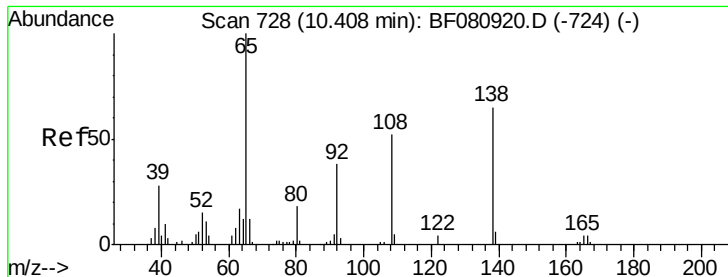
Tot Ion:149 Resp: 349786
Ion Ratio Lower Upper
149 100
177 21.3 15.0 22.4
150 12.3 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 32.74 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:204 Resp: 127838
Ion Ratio Lower Upper
204 100
206 33.4 25.5 38.3
141 83.1 63.4 95.0





#61

4-Nitroaniline

Concen: 34.38 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

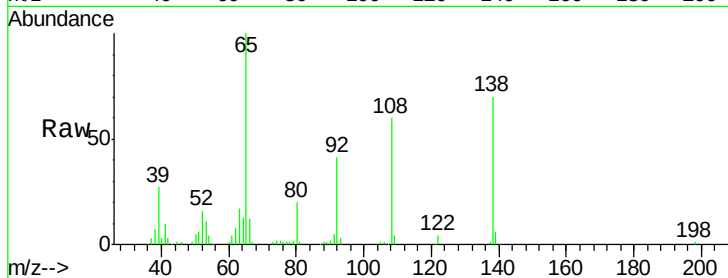
Tot Ion:138 Resp: 80481

Ion Ratio Lower Upper

138 100

92 58.5 38.1 78.1

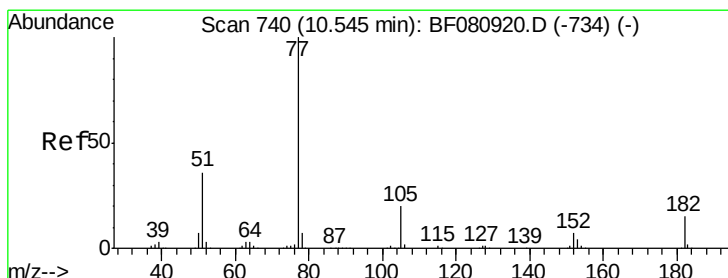
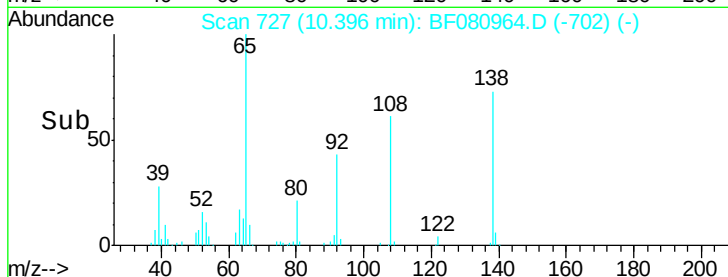
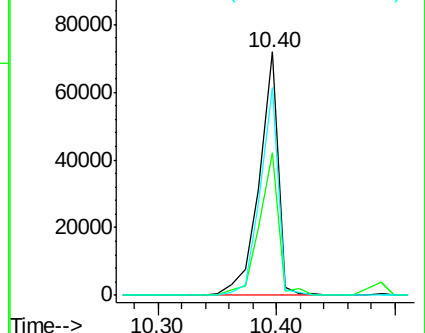
108 85.5 59.9 99.9



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: 35.09 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion: 77 Resp: 364879

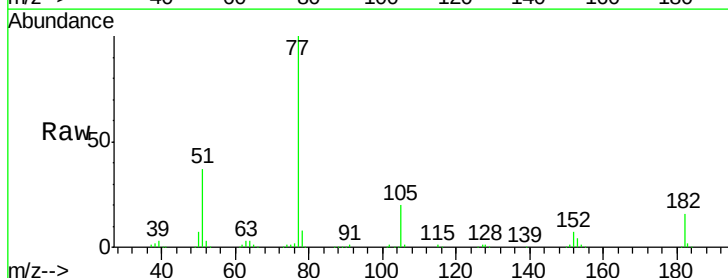
Ion Ratio Lower Upper

77 100

182 16.0 0.0 35.5

105 20.1 0.5 40.5

51 36.8 15.6 55.6

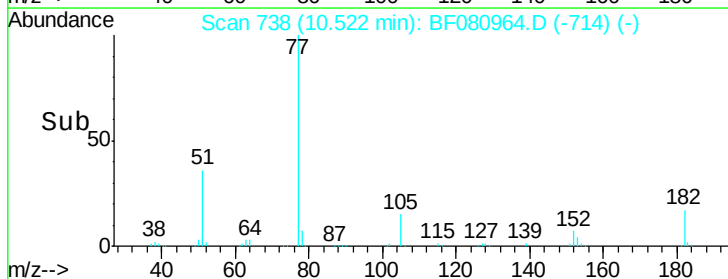
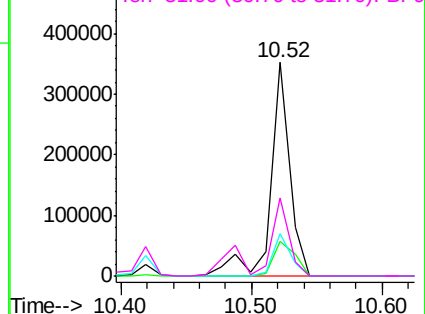


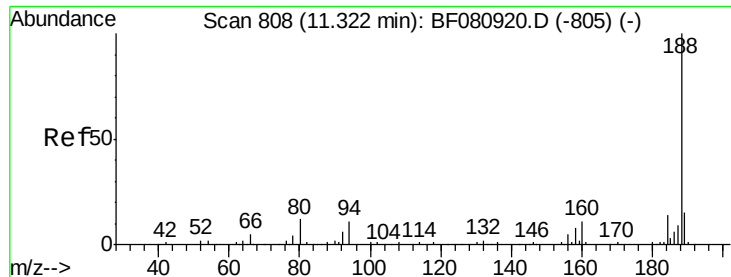
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

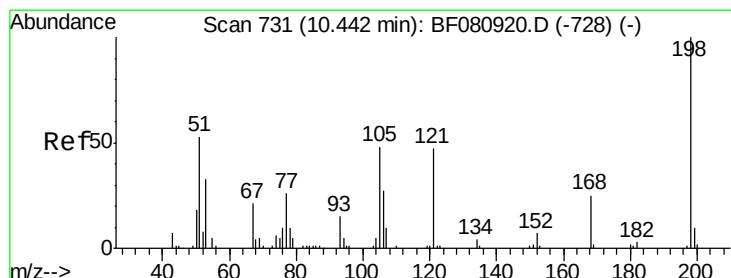
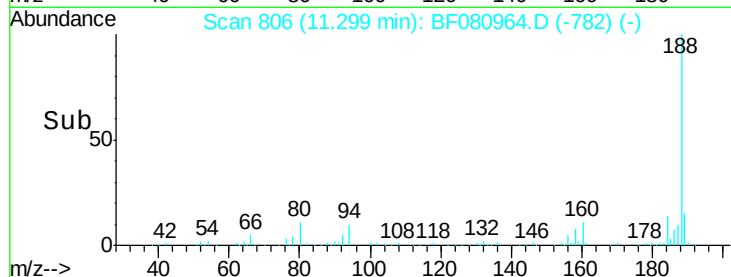
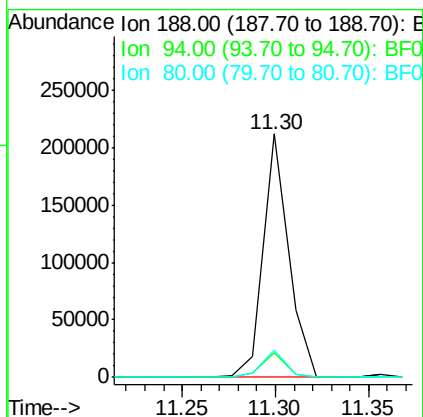
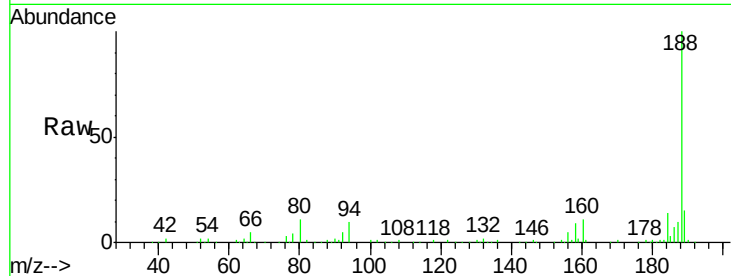




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

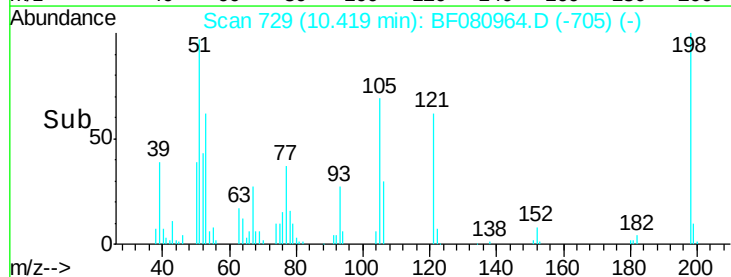
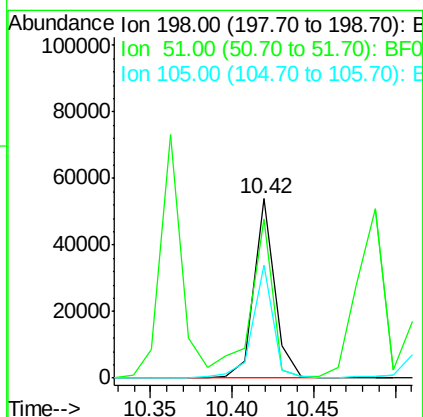
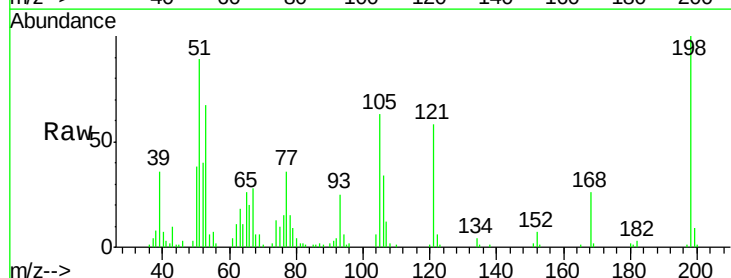
Instrument :
 BNA_F
 ClientSampleID :

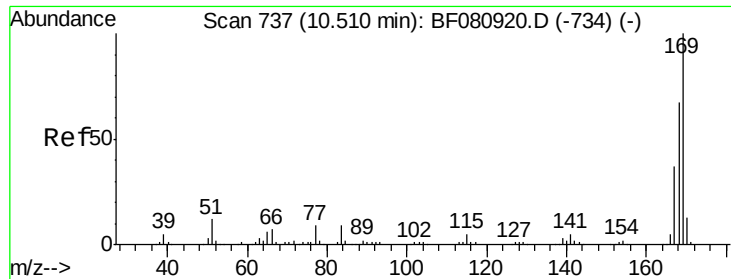
Tot Ion:188 Resp: 199078
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.8 13.2
 80 11.1 9.5 14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.83 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:198 Resp: 47909
 Ion Ratio Lower Upper
 198 100
 51 88.7 40.3 80.3#
 105 63.3 29.6 69.6

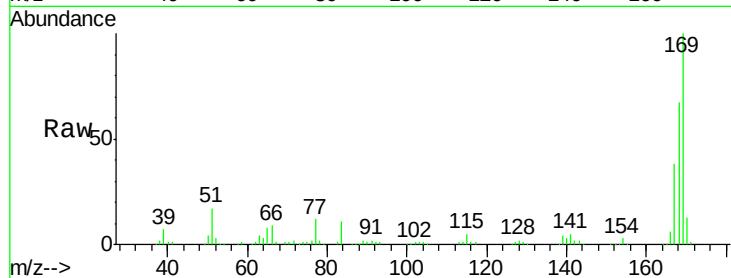




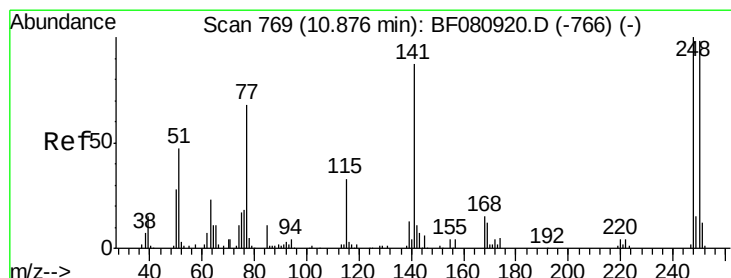
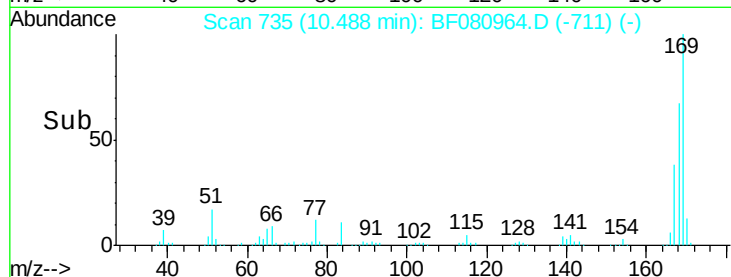
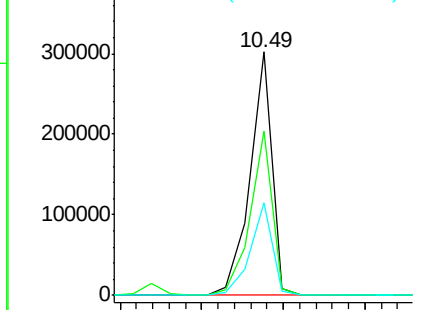
#65
 n-Nitrosodiphenylamine
 Concen: 40.74 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 281761
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.7 80.5
 167 37.8 29.3 43.9

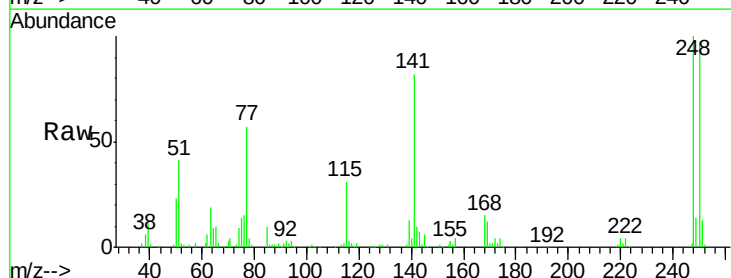


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

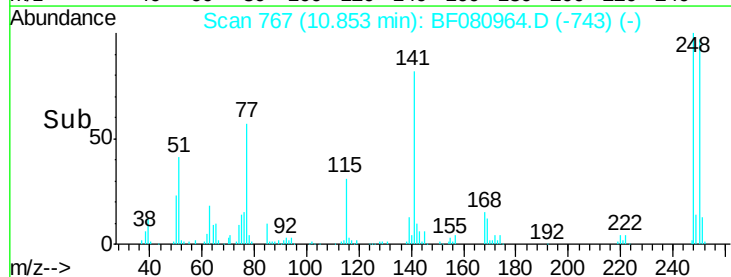
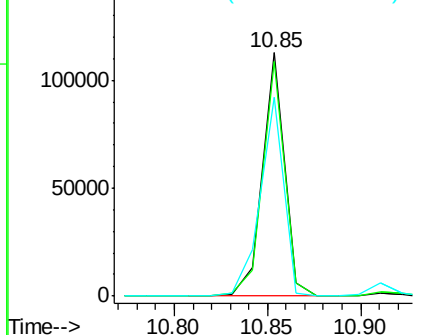


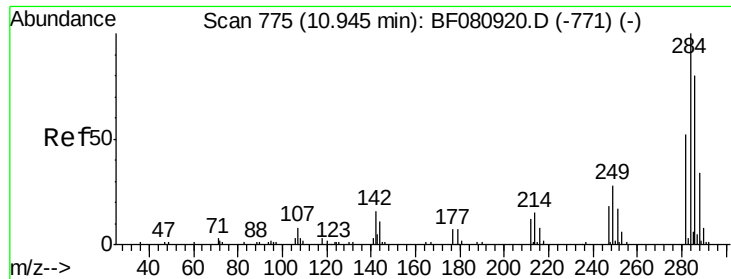
#66
 4-Bromophenyl-phenylether
 Concen: 43.24 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:248 Resp: 91164
 Ion Ratio Lower Upper
 248 100
 250 96.6 78.1 117.1
 141 81.8 69.6 104.4



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

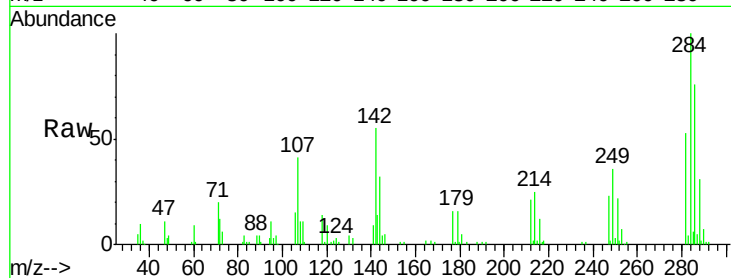




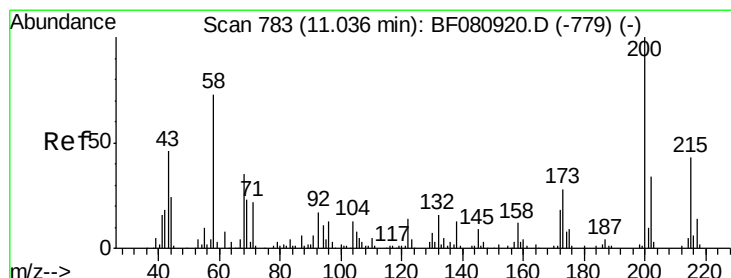
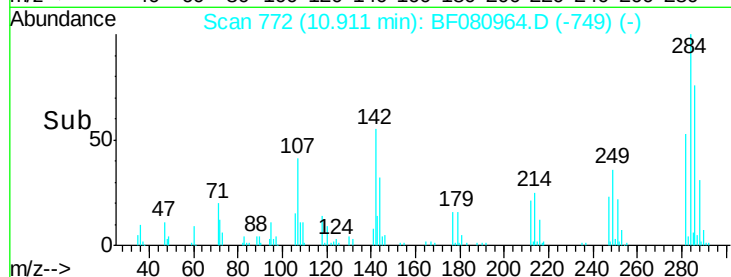
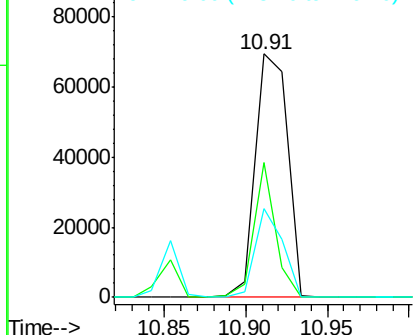
#67
Hexachlorobenzene
Concen: 40.76 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 95542
Ion Ratio Lower Upper
284 100
142 55.4 12.8 19.2#
249 36.3 22.5 33.7#

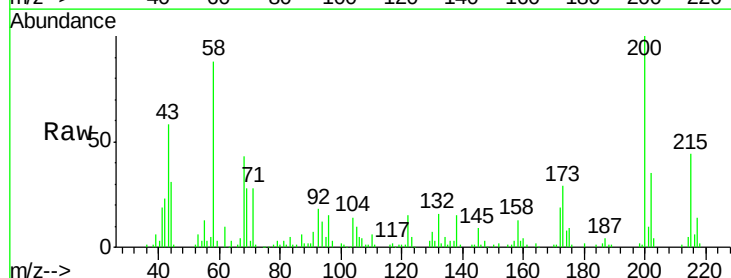


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

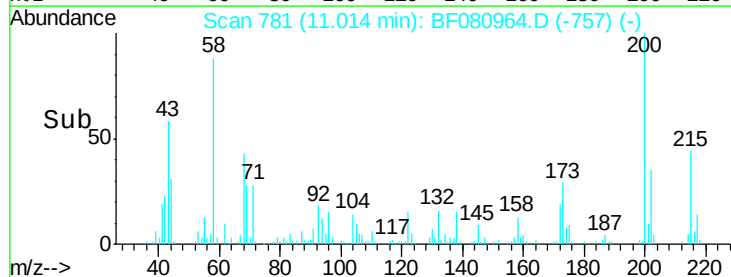
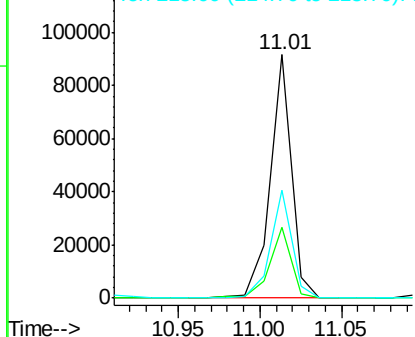


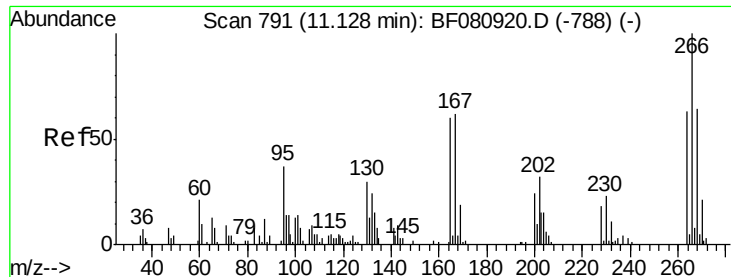
#68
Atrazine
Concen: 40.94 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:200 Resp: 83011
Ion Ratio Lower Upper
200 100
173 28.9 8.4 48.4
215 44.4 22.7 62.7



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

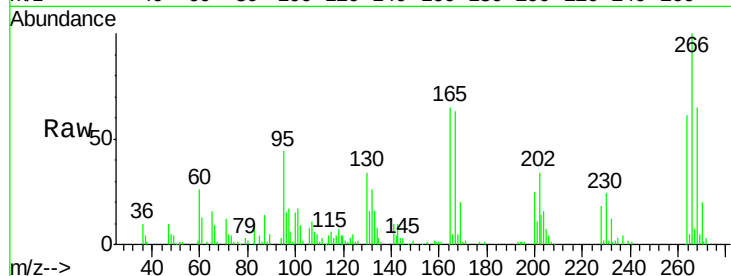




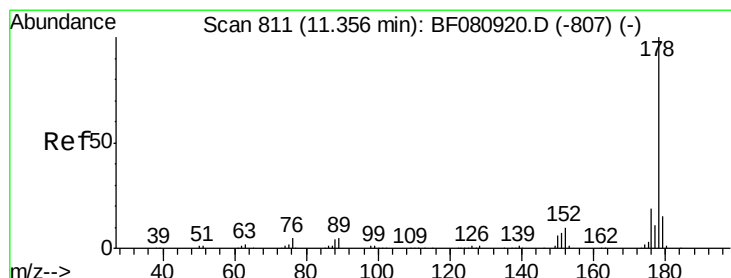
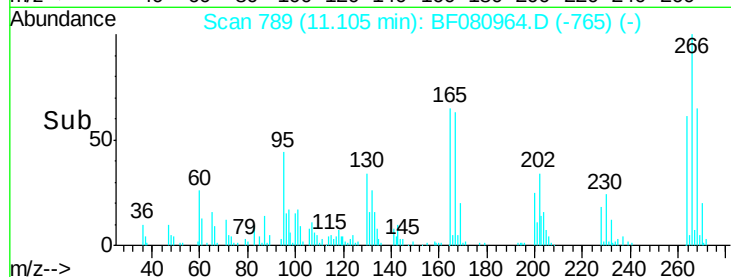
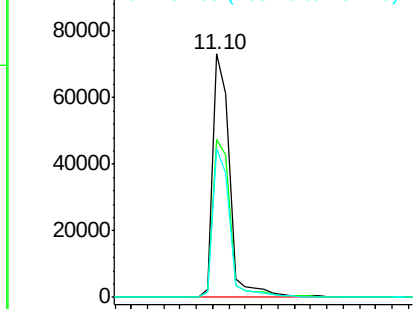
#69
 Pentachlorophenol
 Concen: 77.80 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 106053
 Ion Ratio Lower Upper
 266 100
 268 64.7 51.6 77.4
 264 61.0 50.1 75.1

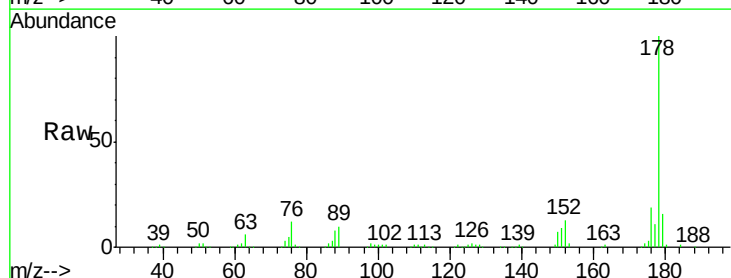


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

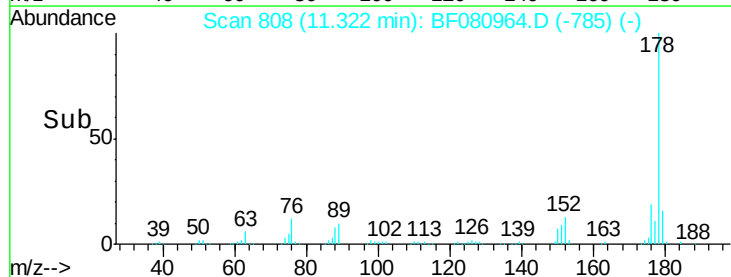
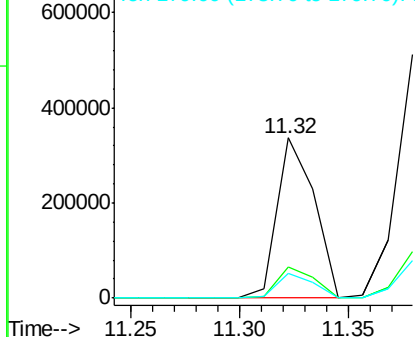


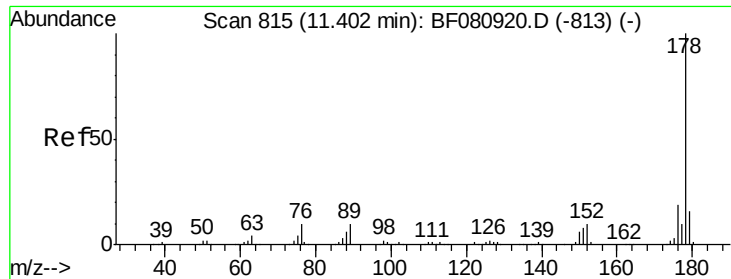
#70
 Phenanthrene
 Concen: 35.95 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:178 Resp: 405291
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.7 11.9 17.9



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

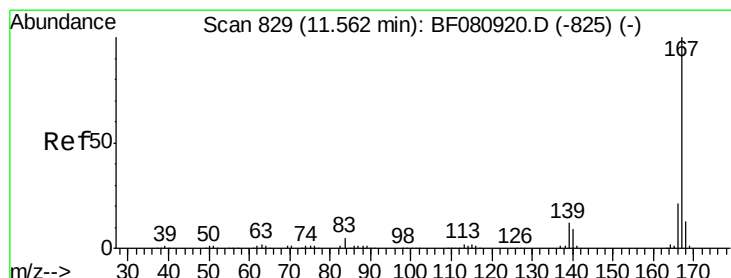
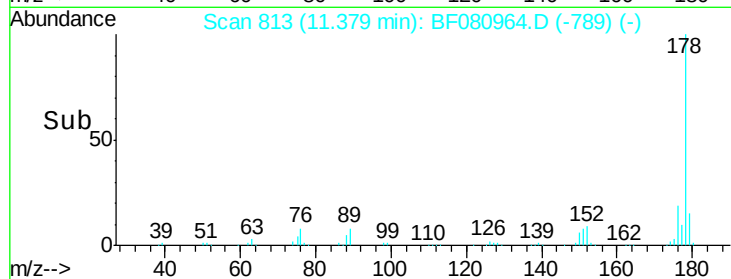
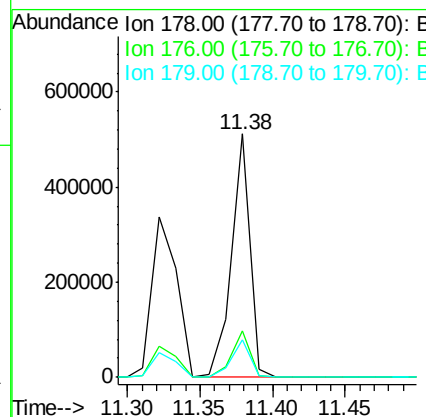
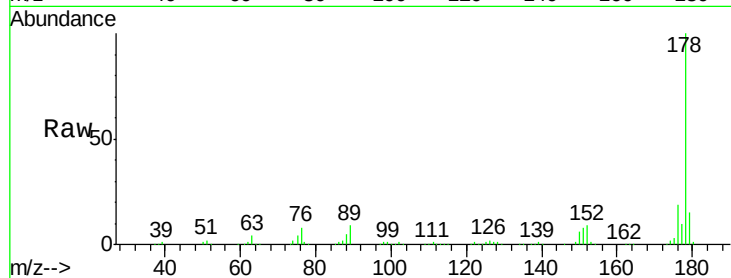




#71
 Anthracene
 Concen: 40.52 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

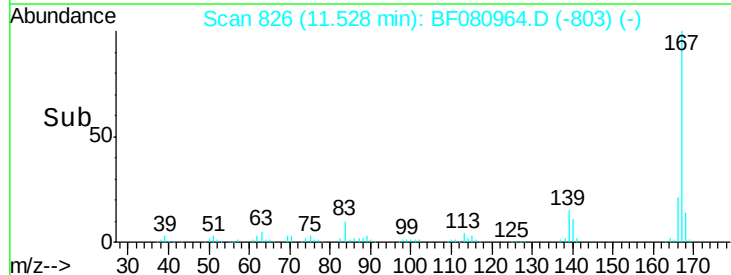
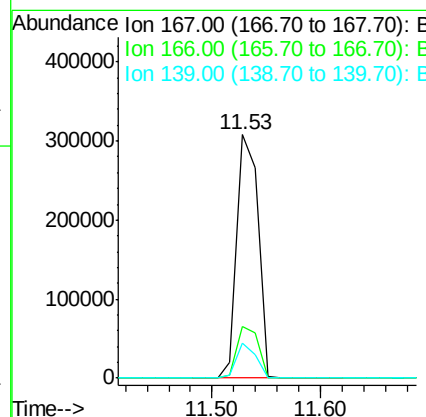
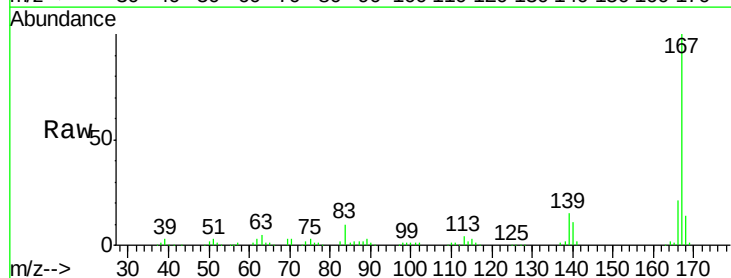
Instrument :
 BNA_F
 ClientSampleId :

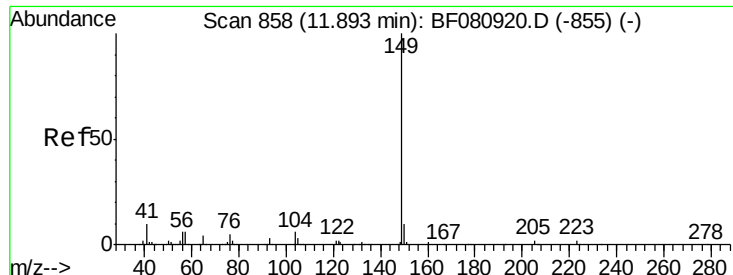
Tot Ion:178 Resp: 452264
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.4 12.6 18.8



#72
 Carbazole
 Concen: 37.94 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:167 Resp: 412233
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 14.6 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 41.93 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

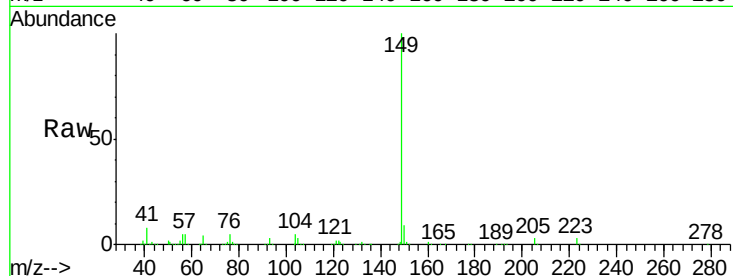
Tot Ion:149 Resp: 569725

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

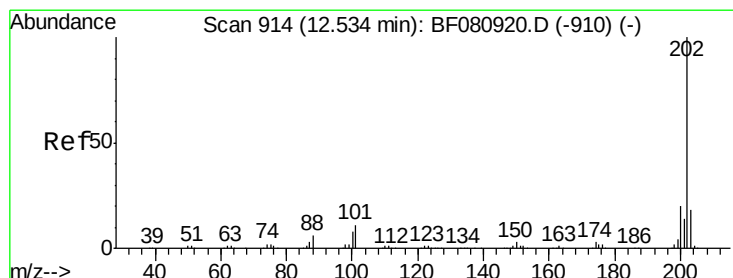
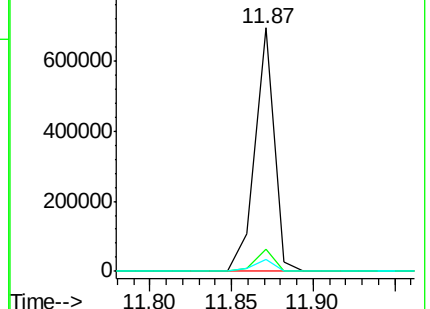
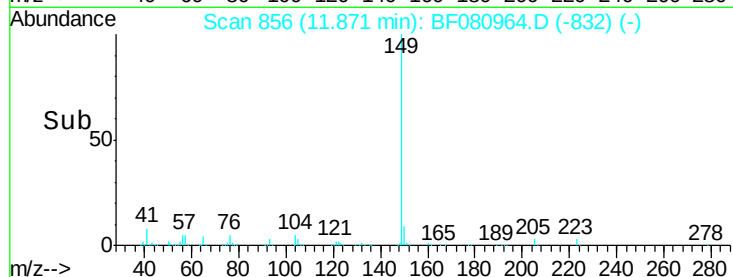
104 5.0 4.4 6.6



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: 40.74 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

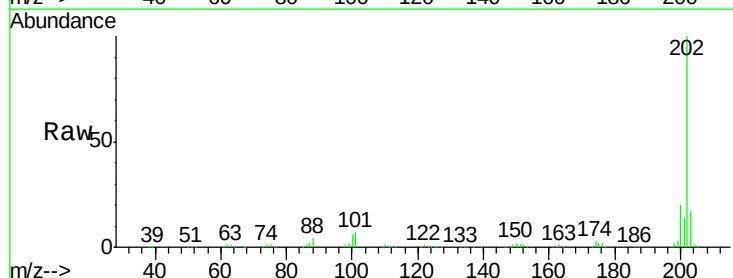
Tgt Ion:202 Resp: 496464

Ion Ratio Lower Upper

202 100

101 7.1 0.0 30.5

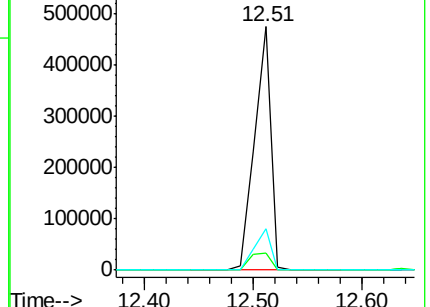
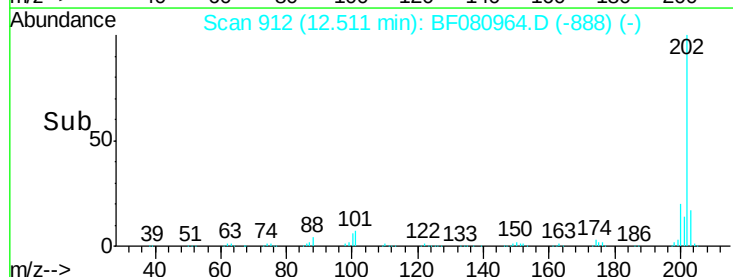
203 17.2 0.0 37.7

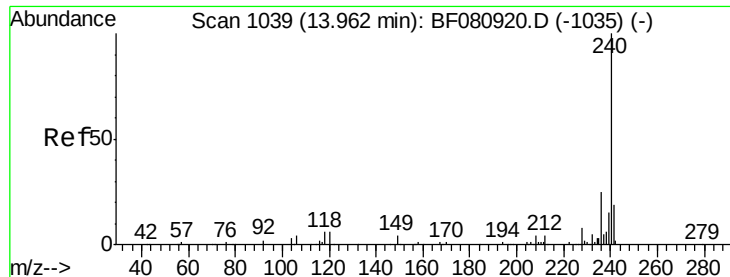


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampled :

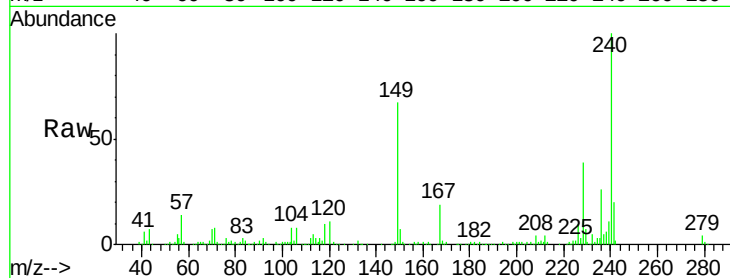
Tot Ion:240 Resp: 180927

Ion Ratio Lower Upper

240 100

120 10.7 5.2 7.8#

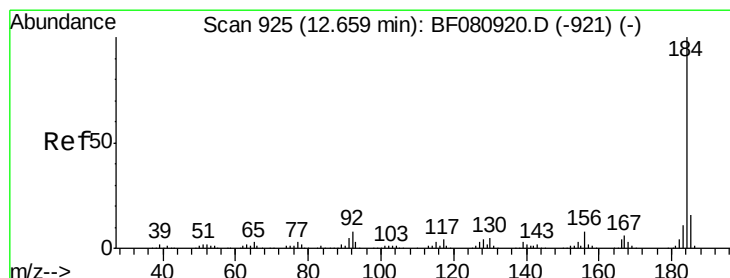
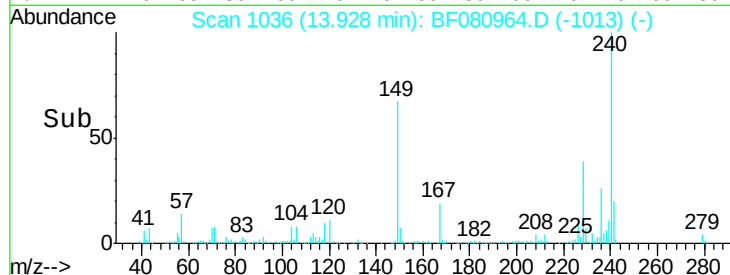
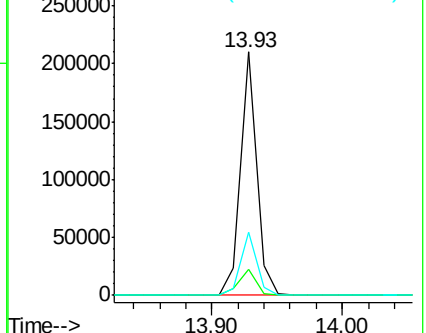
236 26.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

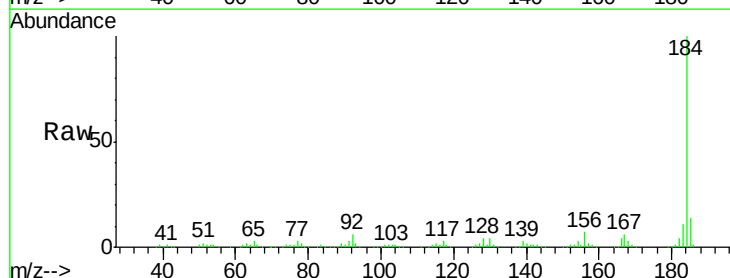
Tgt Ion:184 Resp: 371074

Ion Ratio Lower Upper

184 100

185 14.1 13.0 19.4

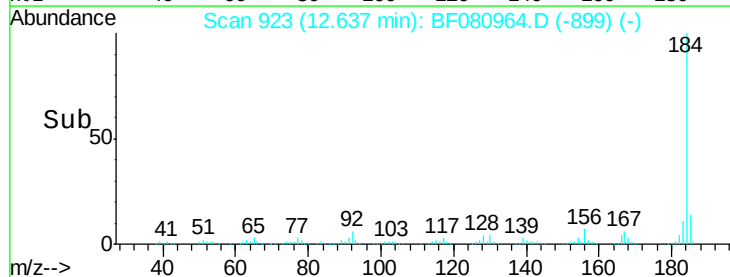
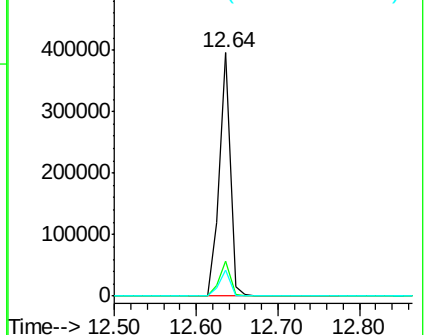
183 10.8 8.7 13.1

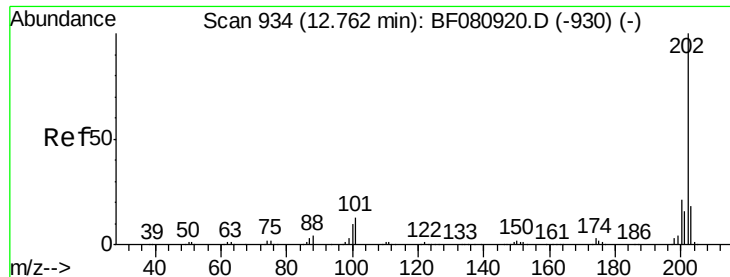


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

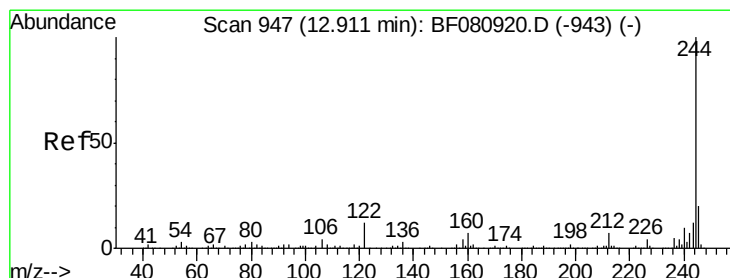
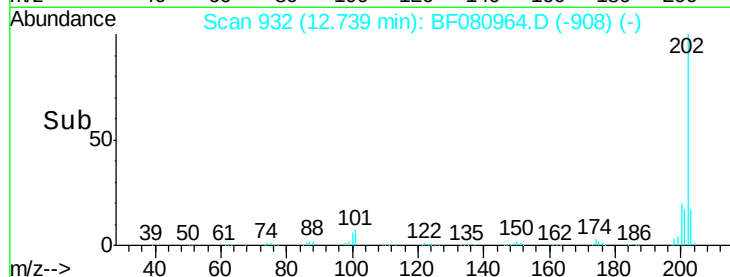
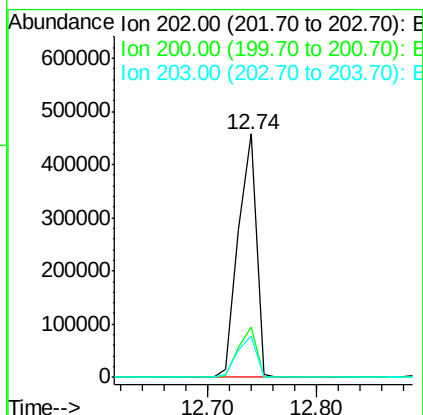
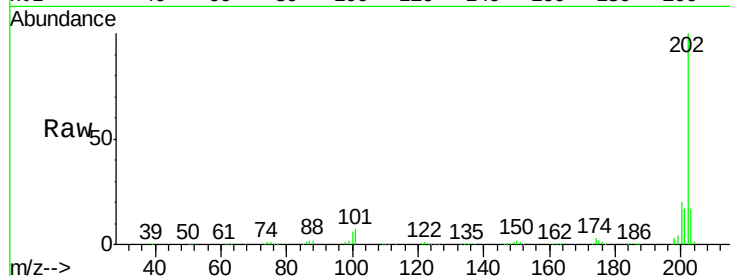




#77
Pvrene
Concen: 38.86 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

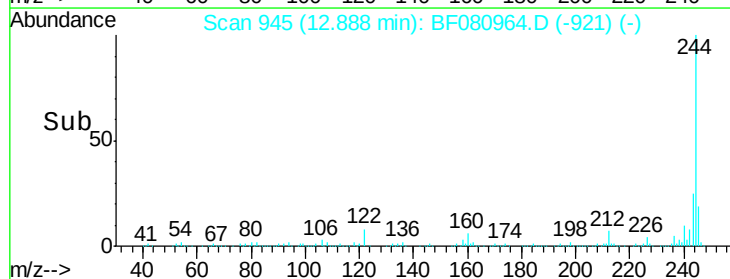
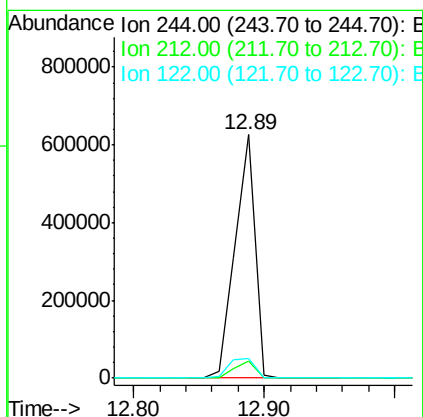
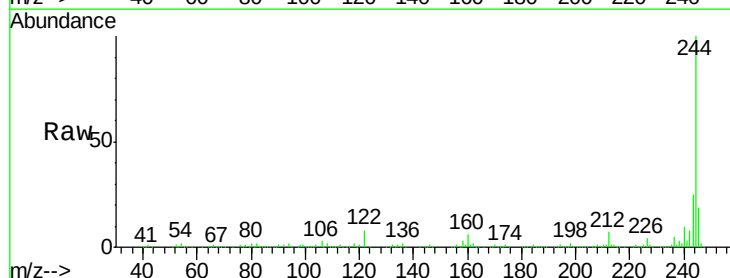
Instrument :
BNA_F
ClientSampleId :

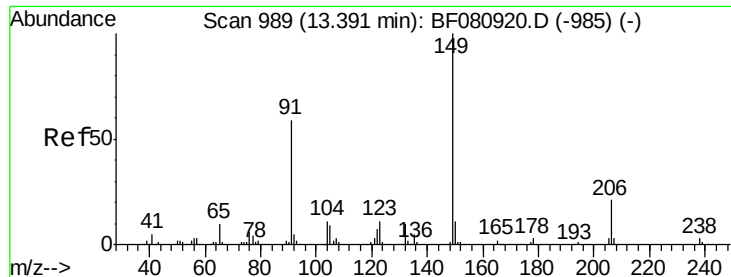
Tot Ion:202 Resp: 519382
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.1 14.2 21.2



#78
Terphenyl-d14
Concen: 75.11 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:244 Resp: 657913
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.2 9.4 14.2#

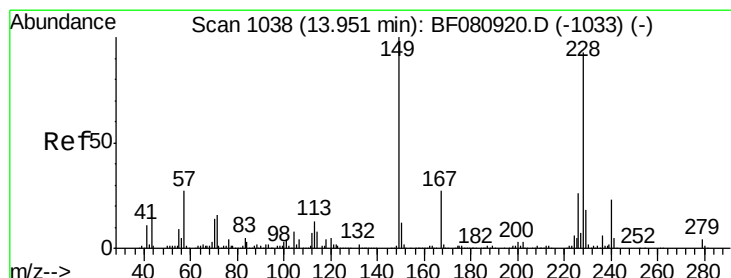
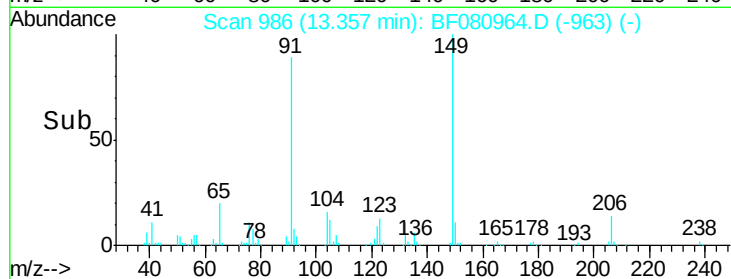
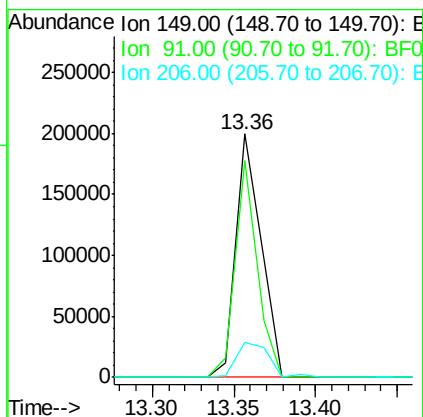
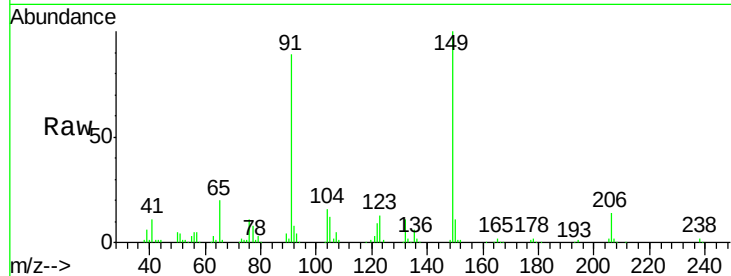




#79
Butylbenzylphthalate
Concen: 33.01 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

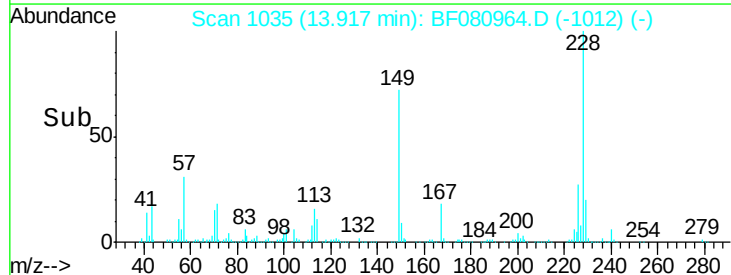
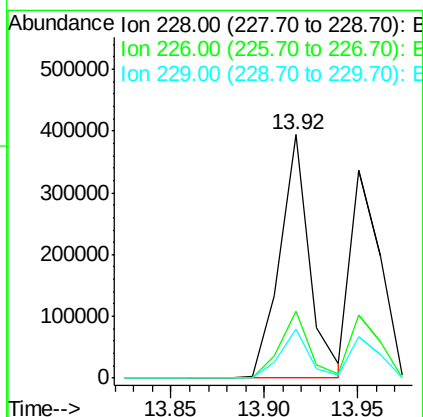
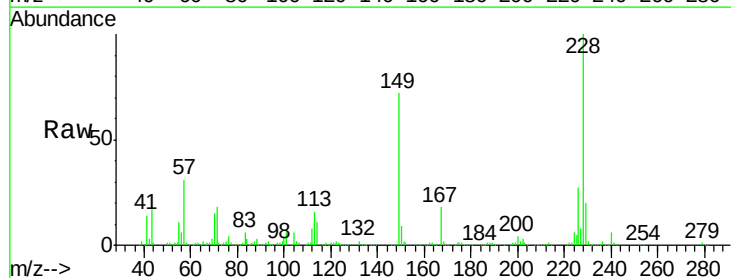
Instrument :
BNA_F
ClientSampled :

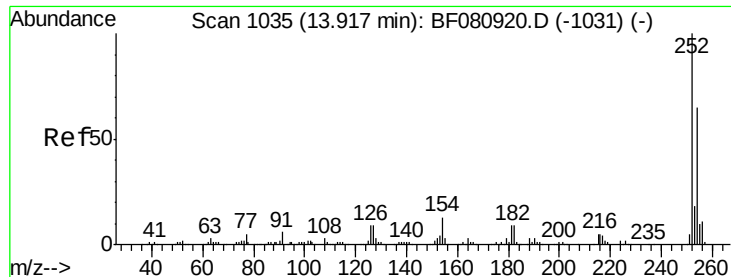
Tot Ion:149 Resp: 212695
Ion Ratio Lower Upper
149 100
91 89.0 47.2 70.8#
206 14.4 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 38.21 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080964.D
Acq: 11 Aug 2015 16:28

Tgt Ion:228 Resp: 436639
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 20.0 15.8 23.6

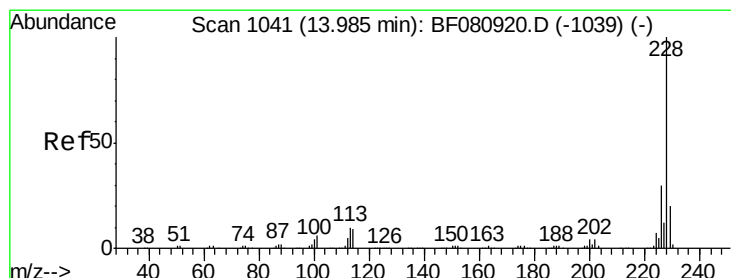
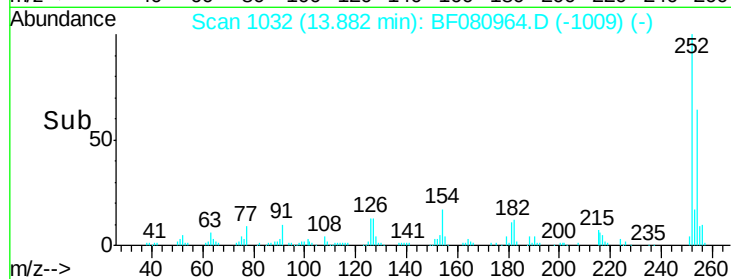
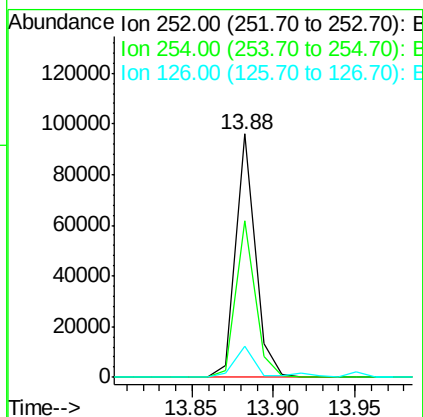
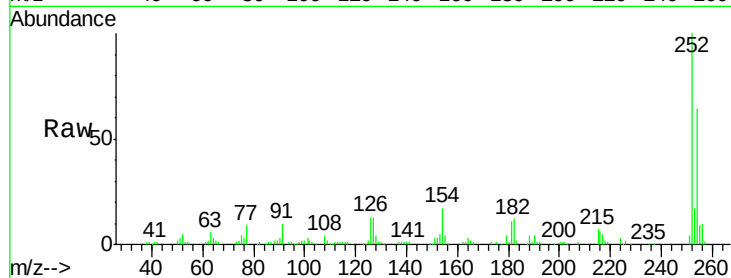




#81
 3,3'-Dichlorobenzidine
 Concen: 19.03 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

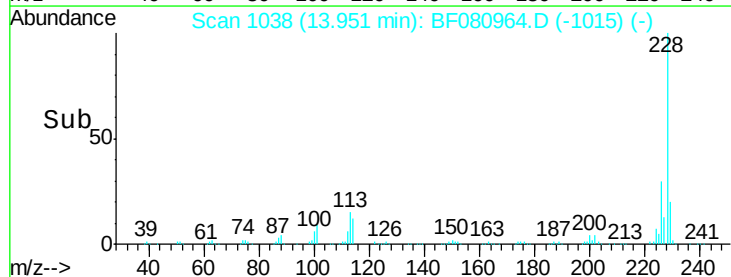
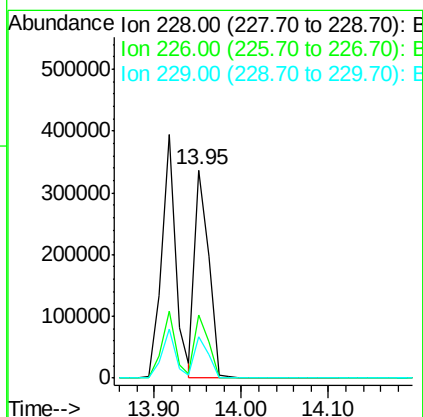
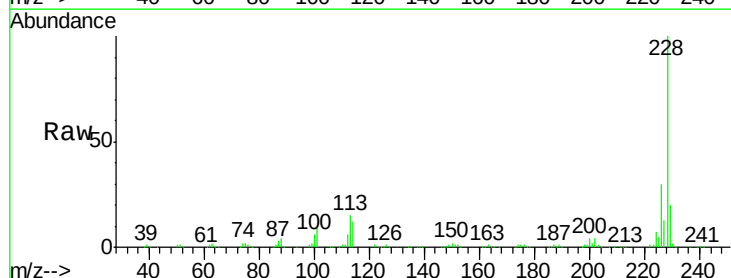
Instrument :
 BNA_F
 ClientSampleId :

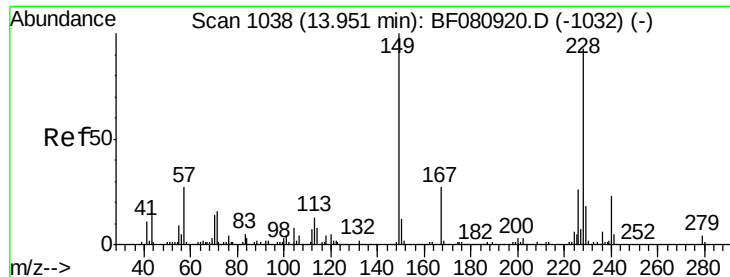
Tot Ion:252 Resp: 79092
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.7 77.5
 126 12.6 7.1 10.7#



#82
 Chrysene
 Concen: 34.45 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:228 Resp: 376942
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 20.1 15.8 23.6

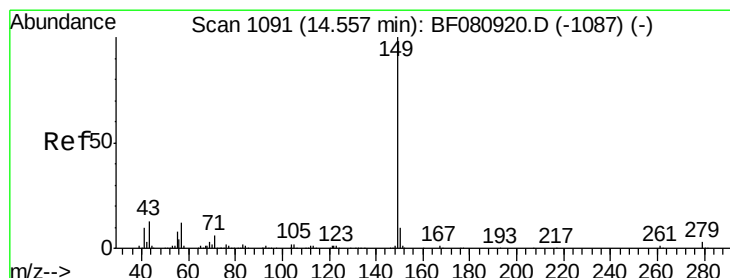
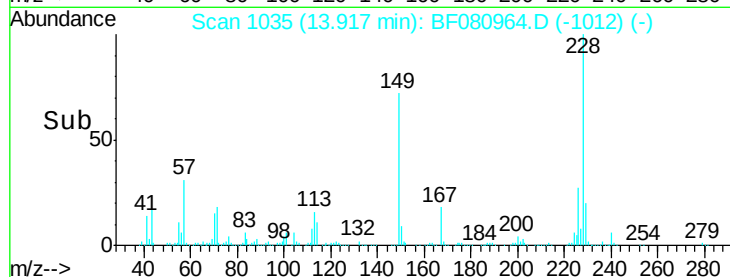
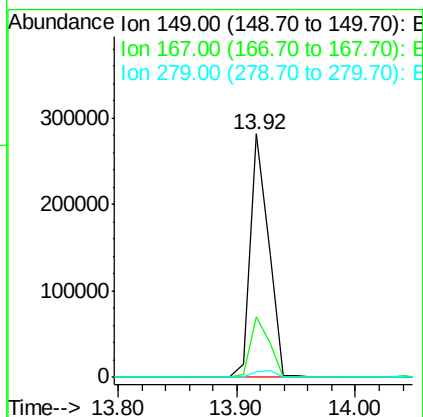
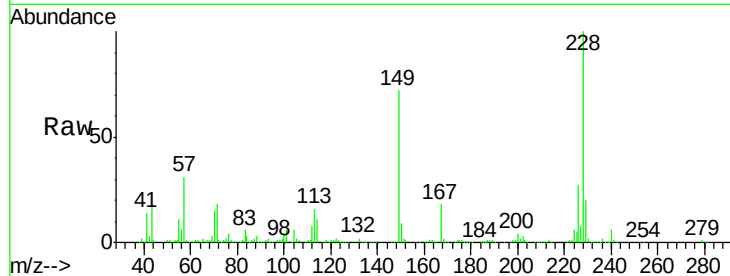




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.89 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

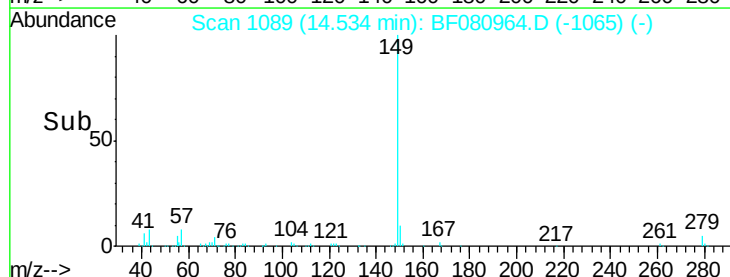
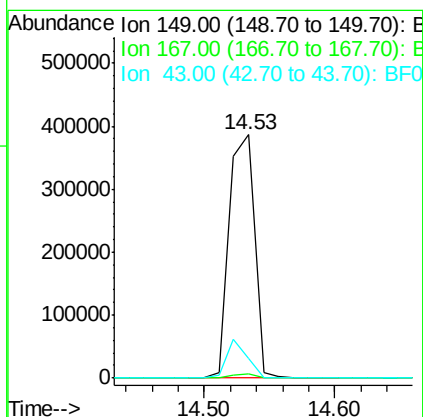
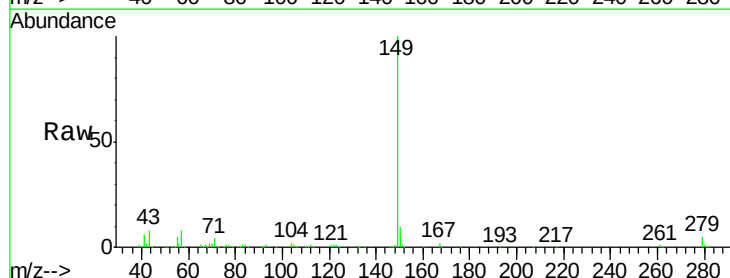
Instrument :
 BNA_F
 ClientSampleId :

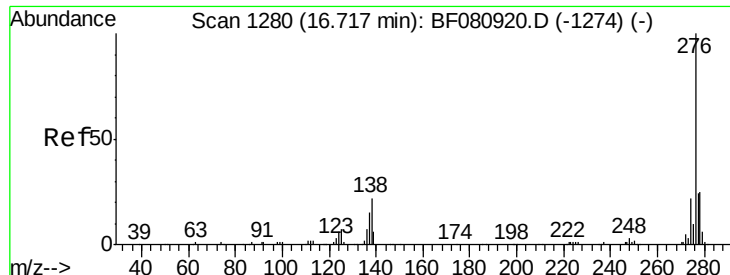
Tot Ion:149 Resp: 303872
 Ion Ratio Lower Upper
 149 100
 167 24.9 21.4 32.0
 279 2.1 2.9 4.3#



#84
 Di-n-octyl phthalate
 Concen: 34.32 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion:149 Resp: 521627
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 12.9 11.0 16.4

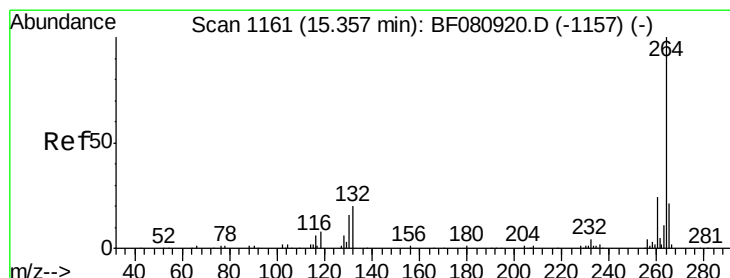
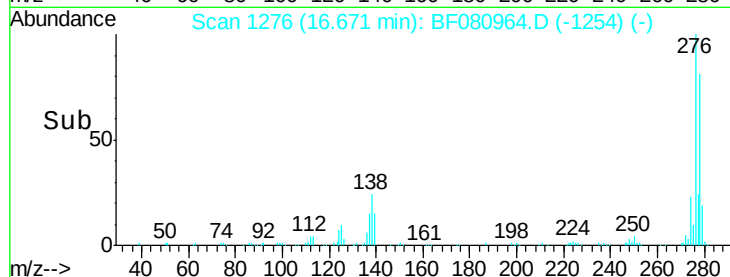
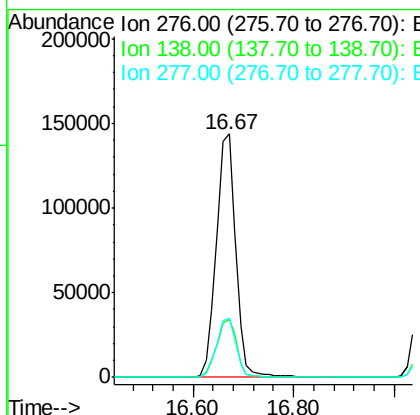
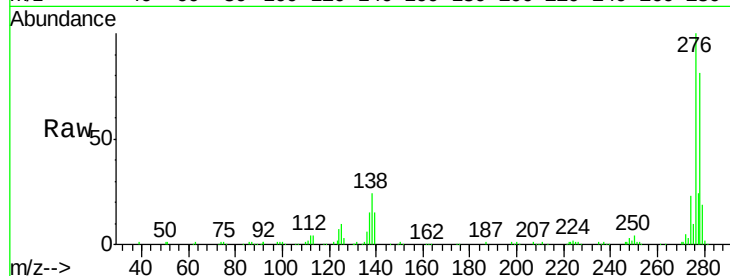




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.27 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

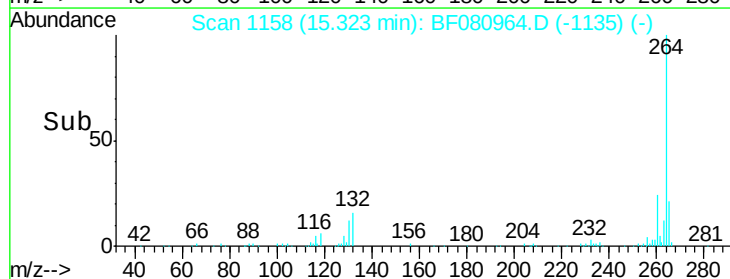
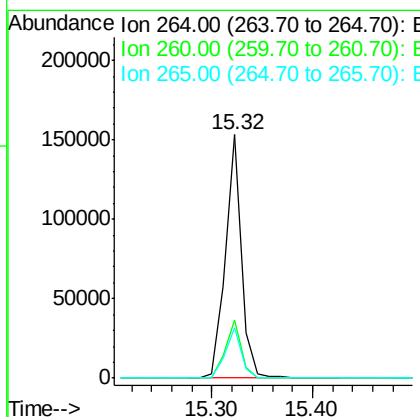
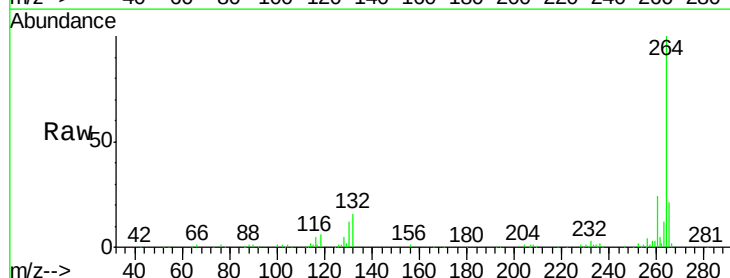
Instrument :
 BNA_F
 ClientSampleId :

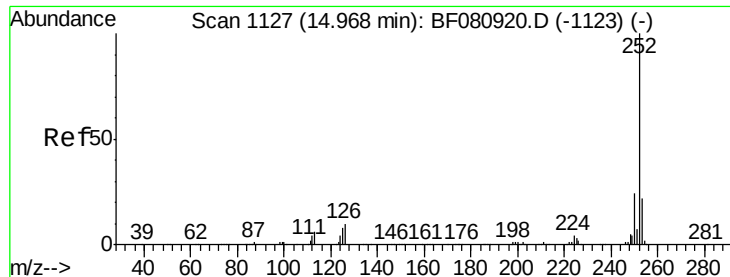
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.9	29.9
277	24.3	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	20.8	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 65.36 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

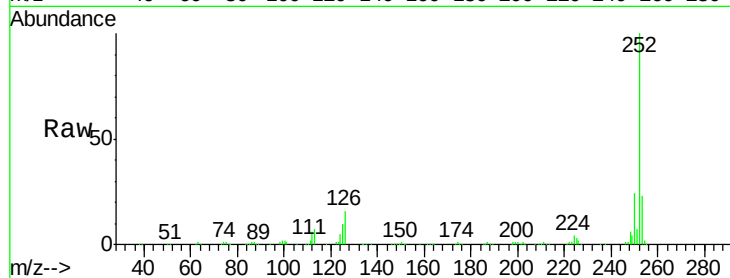
Tot Ion:252 Resp: 770167

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

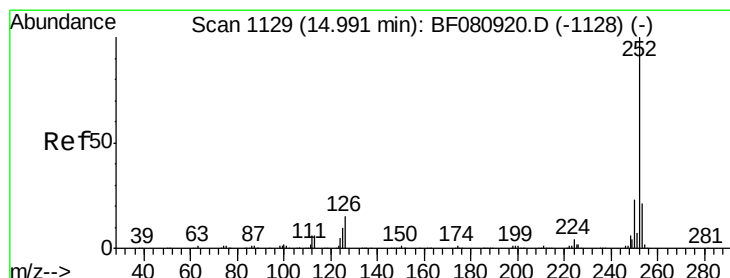
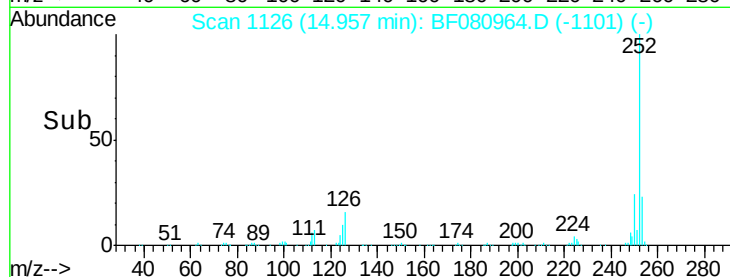
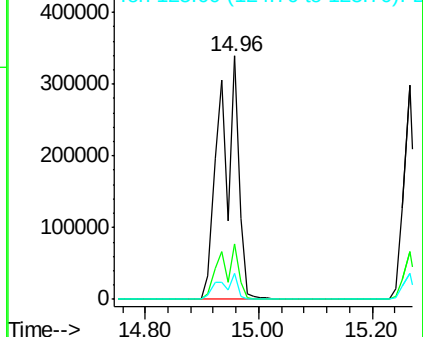
125 10.5 6.1 9.1#



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: 74.71 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

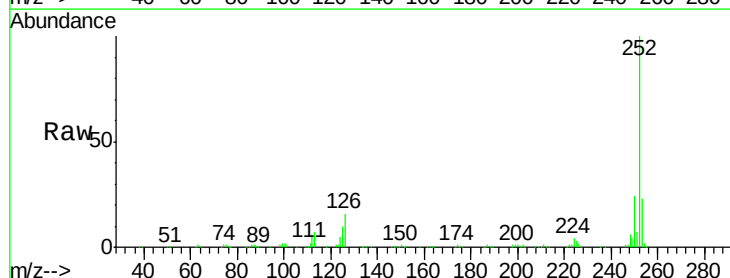
Tgt Ion:252 Resp: 770167

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

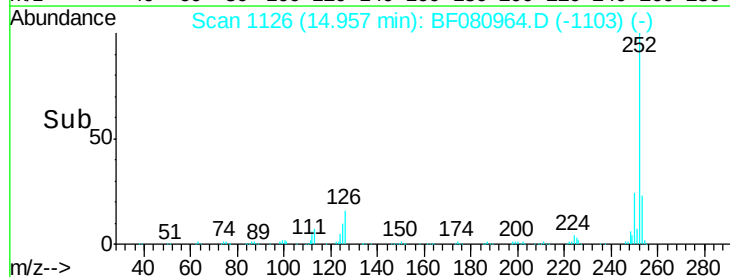
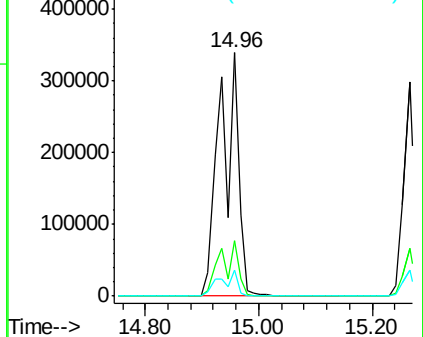
125 10.5 9.0 13.6

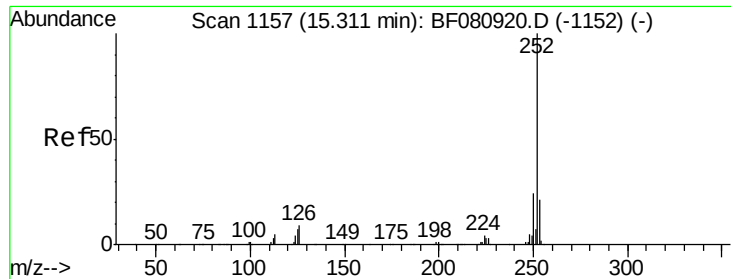


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.75 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080964.D

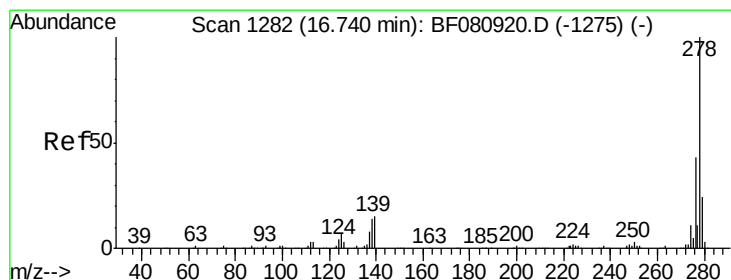
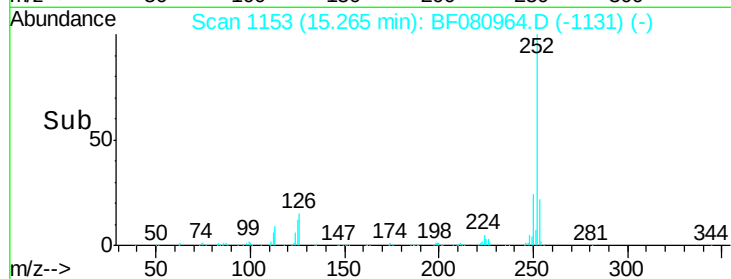
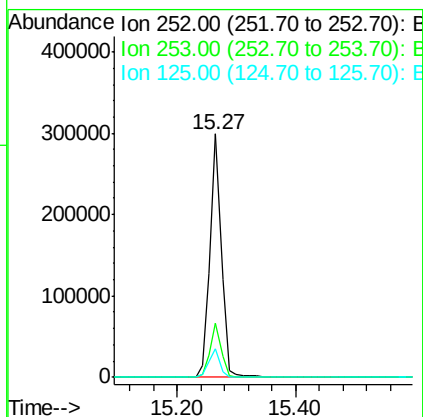
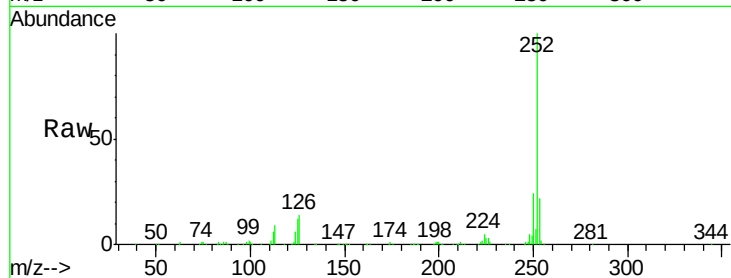
Acq: 11 Aug 2015 16:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	402603
Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.9	25.3
125	11.9	5.8	8.8#



#90

Dibenzo(a,h)anthracene

Concen: 36.55 ng

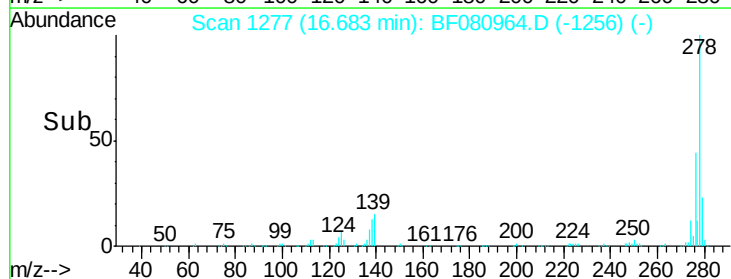
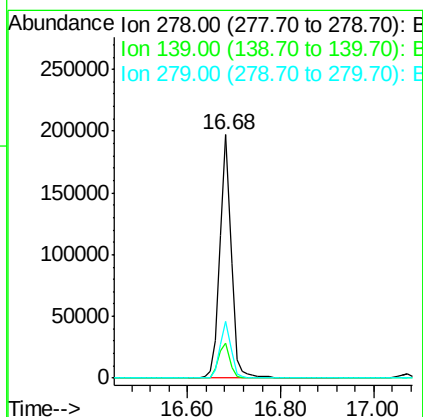
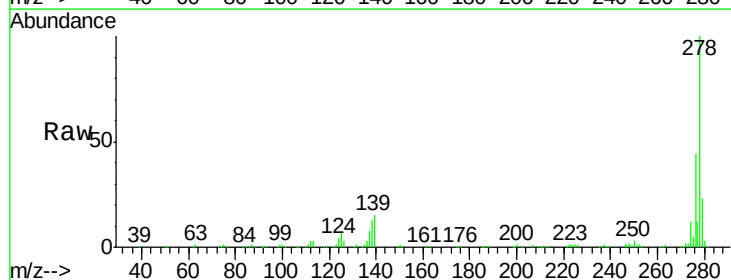
RT: 16.68 min Scan# 1277

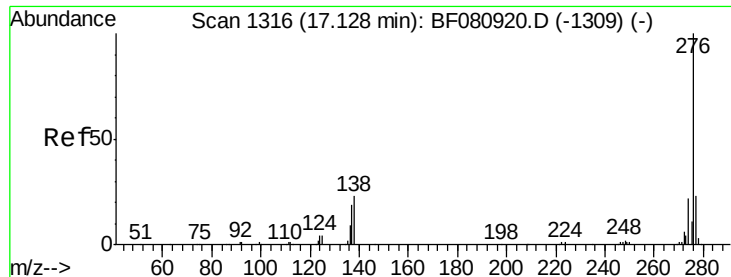
Delta R.T. -0.06 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Tgt Ion:	278	Resp:	327428
Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.9	17.9
279	23.3	19.0	28.6

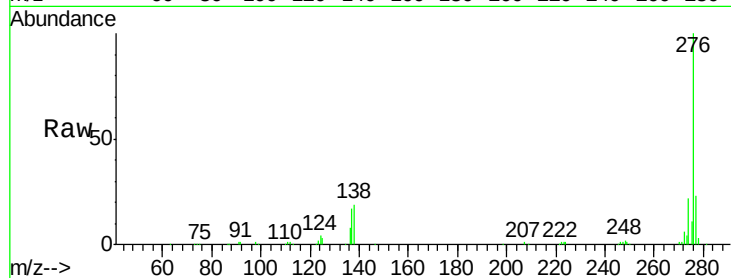




#91
 Benzo(a,h,i)perylene
 Concen: 33.34 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080964.D
 Acq: 11 Aug 2015 16:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	19.0	18.4	27.6



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

