

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080892.D
 Acq On : 6 Aug 2015 16:55
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 03:57:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	54329	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	233464	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	106826	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	222966	20.00	ng	0.00
75) Chrysene-d12	13.96	240	205981	20.00	ng	0.00
86) Perylene-d12	15.37	264	194914	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	291907	85.65	ng	0.00
7) Phenol-d6	6.44	99	380090	81.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	382020	77.08	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	97153	84.67	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	552644	73.74	ng	0.00
78) Terphenyl-d14	12.91	244	669293	68.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	65063	39.41	ng	99
3) Pyridine	3.02	79	198885	42.84	ng	99
4) n-Nitrosodimethylamine	2.97	42	97521	40.60	ng	99
6) Aniline	6.46	93	278059	39.96	ng	99
8) 2-Chlorophenol	6.59	128	164156	42.42	ng	98
9) Benzaldehyde	6.35	77	124600	38.55	ng	99
10) Phenol	6.45	94	236559	42.02	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	148102	37.16	ng	99
12) 1,3-Dichlorobenzene	6.75	146	174753	41.63	ng	98
13) 1,4-Dichlorobenzene	6.83	146	177069	41.43	ng	98
14) 1,2-Dichlorobenzene	6.98	146	151041	38.55	ng	99
15) Benzyl Alcohol	6.96	79	161670	43.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	318427	38.93	ng	99
17) 2-Methylphenol	7.07	107	146658	42.29	ng	99
18) Hexachloroethane	7.32	117	64313	39.62	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	126225	37.79	ng	100
20) 3+4-Methylphenols	7.22	107	165876	39.46	ng	96
22) Acetophenone	7.22	105	215402	36.89	ng	# 99
24) Nitrobenzene	7.40	77	186358	36.90	ng	# 75
25) Isophorone	7.64	82	377015	39.69	ng	99
26) 2-Nitrophenol	7.71	139	79081	37.31	ng	96
27) 2,4-Dimethylphenol	7.76	122	165970	40.81	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	191584	34.03	ng	100
29) 2,4-Dichlorophenol	7.95	162	121621	37.51	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	142358	39.60	ng	99
31) Naphthalene	8.12	128	515523	40.69	ng	99
32) Benzoic acid	7.87	122	104571	40.43	ng	95
33) 4-Chloroaniline	8.17	127	198866	37.98	ng	98
34) Hexachlorobutadiene	8.24	225	77716	38.00	ng	99
35) Caprolactam	8.54	113	47958	39.63	ng	89
36) 4-Chloro-3-methylphenol	8.65	107	144893	37.10	ng	100
37) 2-Methylnaphthalene	8.81	142	296318	37.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136764	42.03	ng	98
40) Hexachlorocyclopentadiene	8.97	237	82434	44.15	ng	100

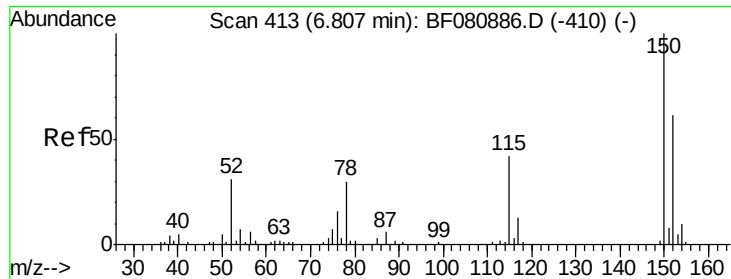
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080892.D
 Acq On : 6 Aug 2015 16:55
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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 BNA_F
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Quant Time: Aug 07 03:57:51 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	92844	38.67	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	105267	43.25	nq	97
45) 1,1'-Biphenyl	9.28	154	398895	44.13	nq	98
46) 2-Chloronaphthalene	9.30	162	306262	43.34	nq	99
47) 2-Nitroaniline	9.39	65	117147	40.76	nq	99
48) Acenaphthylene	9.71	152	501661	40.48	nq	100
49) Dimethylphthalate	9.58	163	360574	42.50	nq	# 98
50) 2,6-Dinitrotoluene	9.64	165	80533	44.27	nq	# 50
51) Acenaphthene	9.88	154	303766	40.34	nq	99
52) 3-Nitroaniline	9.80	138	81849	36.39	nq	93
53) 2,4-Dinitrophenol	9.90	184	42747	42.89	nq	91
54) Dibenzofuran	10.05	168	408394	40.04	nq	99
55) 4-Nitrophenol	9.96	139	81529	48.03	nq	# 84
56) 2,4-Dinitrotoluene	10.04	165	109267	44.65	nq	# 57
57) Fluorene	10.40	166	338888	42.46	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73325	37.75	nq	97
59) Diethylphthalate	10.28	149	377403	40.84	nq	# 94
60) 4-Chlorophenyl-phenylether	10.40	204	145126	38.80	nq	# 72
61) 4-Nitroaniline	10.42	138	108184	46.89	nq	92
62) Azobenzene	10.54	77	409468	40.43	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	54454	37.49	nq	83
65) n-Nitrosodiphenylamine	10.51	169	311449	39.21	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	89418	36.90	nq	97
67) Hexachlorobenzene	10.94	284	106639	40.70	nq	96
68) Atrazine	11.04	200	86598	37.75	nq	97
69) Pentachlorophenol	11.13	266	61440	41.83	nq	97
70) Phenanthrene	11.36	178	534510	40.96	nq	100
71) Anthracene	11.40	178	465445	36.24	nq	100
72) Carbazole	11.56	167	550240	42.42	nq	99
73) Di-n-butylphthalate	11.89	149	579686	36.66	nq	100
74) Fluoranthene	12.53	202	516308	36.19	nq	99
76) Benzidine	12.66	184	329428	39.15	nq	99
77) Pyrene	12.76	202	546837	35.72	nq	99
79) Butylbenzylphthalate	13.39	149	305199	41.68	nq	99
80) Benzo(a)anthracene	13.95	228	473560	35.19	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	203990	40.49	nq	98
82) Chrysene	13.99	228	459239	35.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	388919	38.75	nq	99
84) Di-n-octyl phthalate	14.56	149	681413	38.53	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	500690	39.98	nq	99
87) Benzo(b)fluoranthene	14.97	252	527205	38.51	nq	99
88) Benzo(k)fluoranthene	14.97	252	527205	45.72	nq	# 97
89) Benzo(a)pyrene	15.31	252	471395	39.96	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	420367	41.34	nq	98
91) Benzo(g,h,i)perylene	17.14	276	402218	40.81	nq	96

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

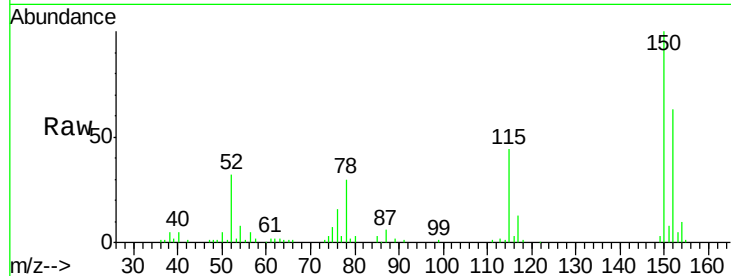


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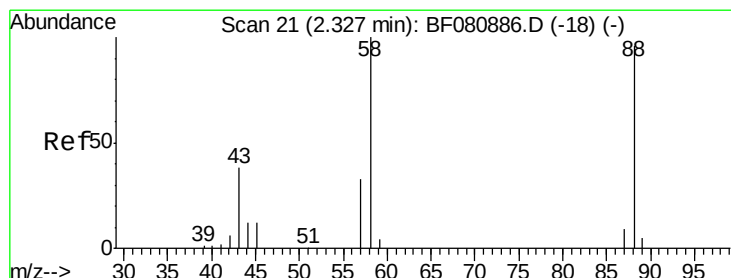
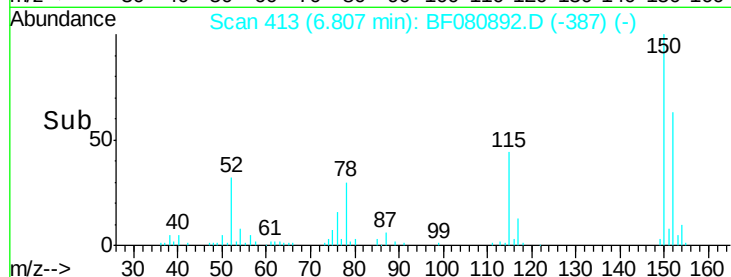
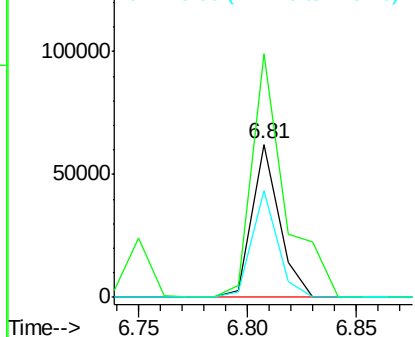
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 54329
Ion Ratio Lower Upper
152 100
150 158.8 132.2 198.2
115 69.8 54.9 82.3



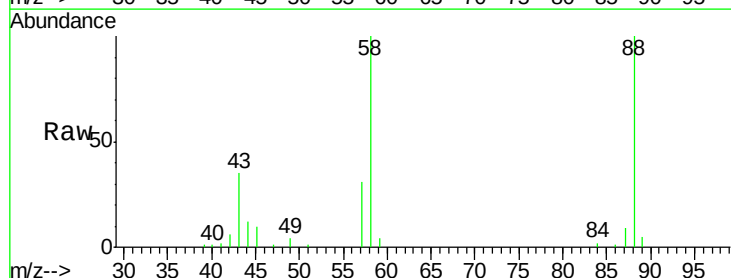
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



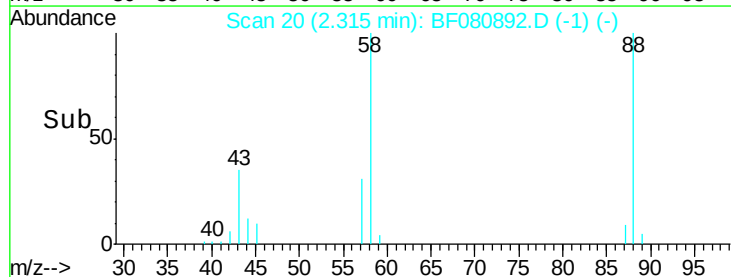
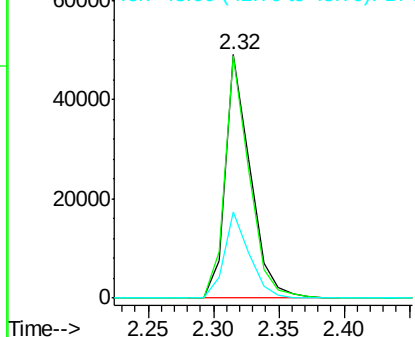
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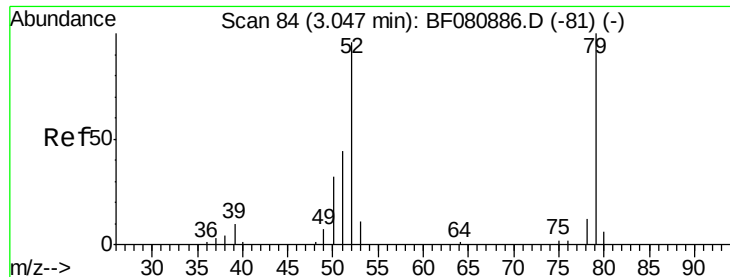
1,4-Dioxane
Concen: 39.41 ng
RT: 2.32 min Scan# 20
Delta R.T. -0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion: 88 Resp: 65063
Ion Ratio Lower Upper
88 100
58 97.6 78.2 117.4
43 35.5 29.1 43.7



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

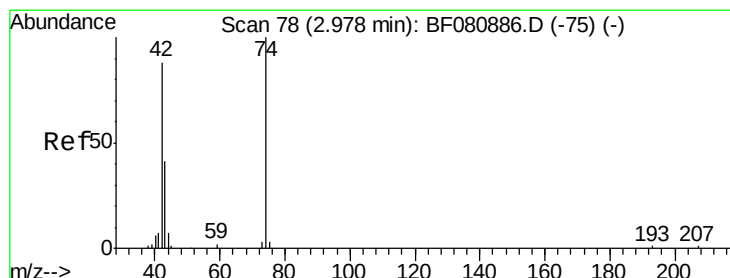
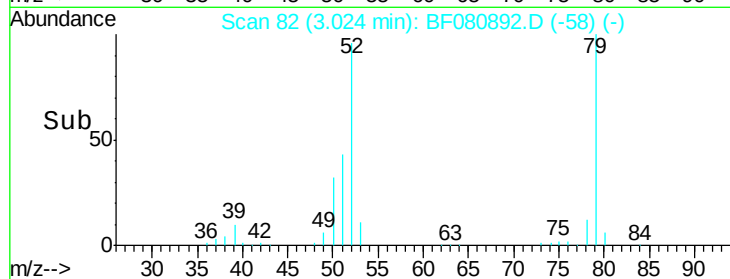
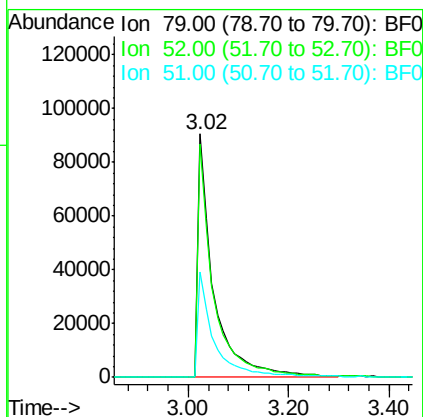
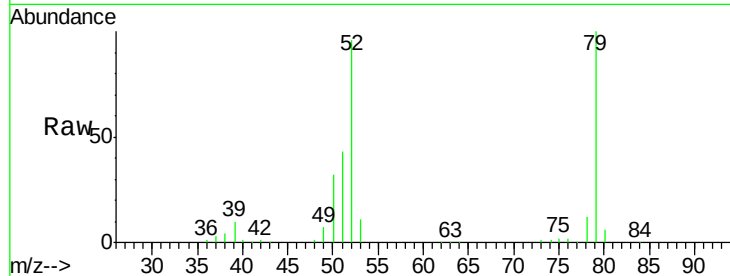




#3
 Pvridine
 Concen: 42.84 ng
 RT: 3.02 min Scan# 82
 Delta R.T. -0.02 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

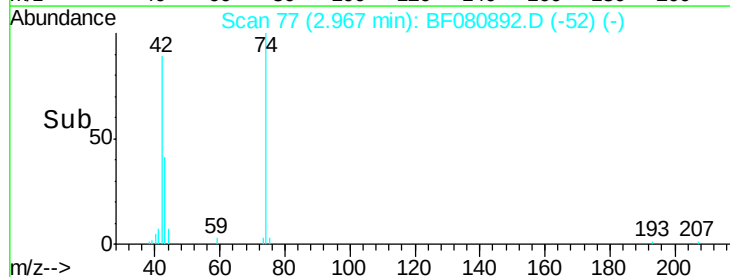
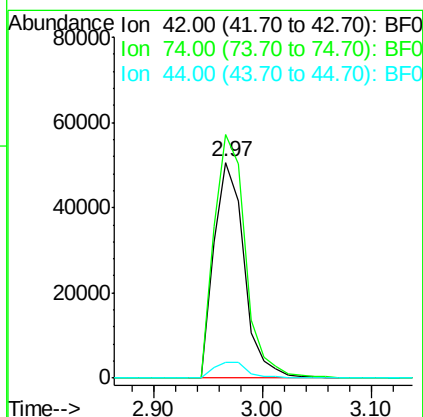
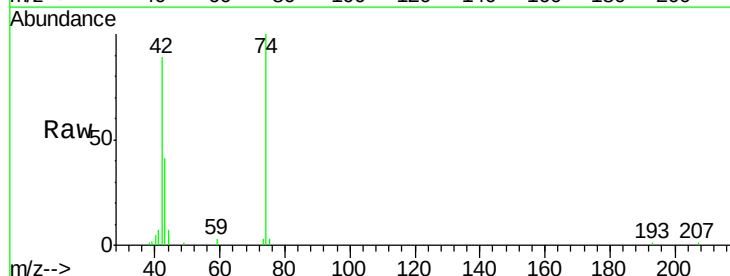
Instrument :
 BNA_F
 ClientSampleId :

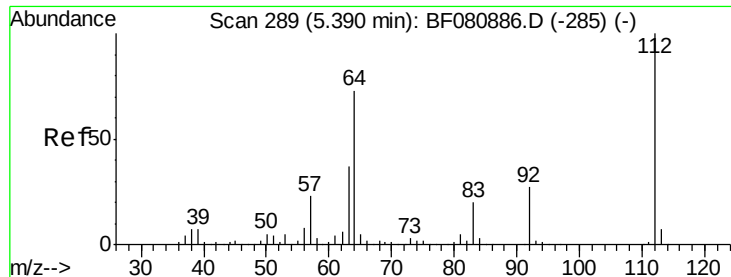
Tot Ion: 79 Resp: 198885
 Ion Ratio Lower Upper
 79 100
 52 95.8 76.7 115.1
 51 43.3 35.8 53.6



#4
 n-Nitrosodimethylamine
 Concen: 40.60 ng
 RT: 2.97 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion: 42 Resp: 97521
 Ion Ratio Lower Upper
 42 100
 74 112.7 90.6 135.8
 44 7.3 6.6 10.0





#5

2-Fluorophenol

Concen: 85.65 ng

RT: 5.39 min Scan# 289

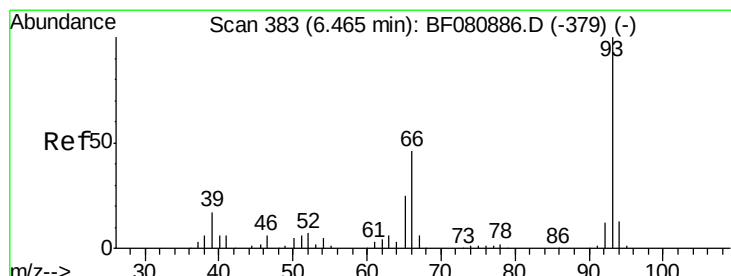
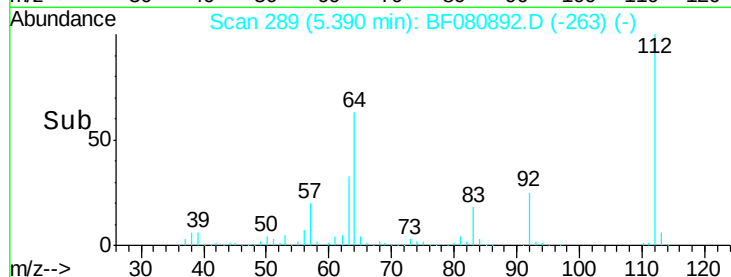
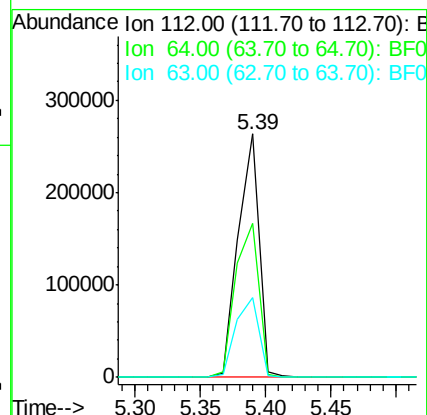
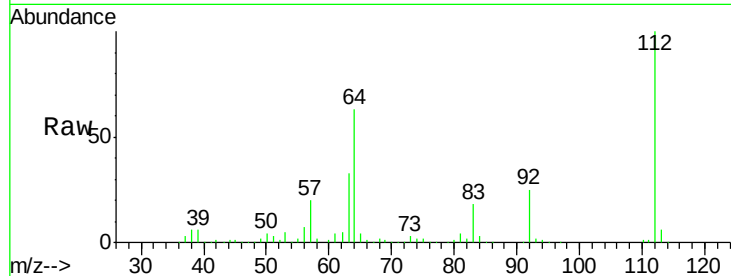
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	291907
Ion	Ratio	Lower	Upper
112	100		
64	63.3	58.0	87.0
63	33.0	29.8	44.8



#6

Aniline

Concen: 39.96 ng

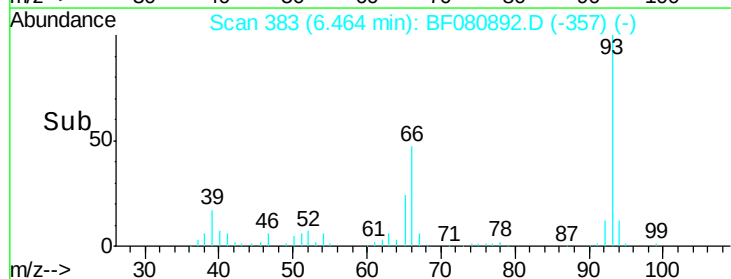
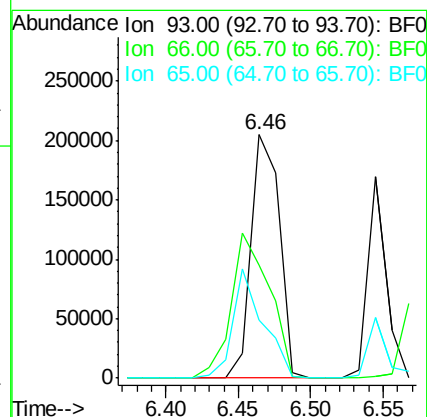
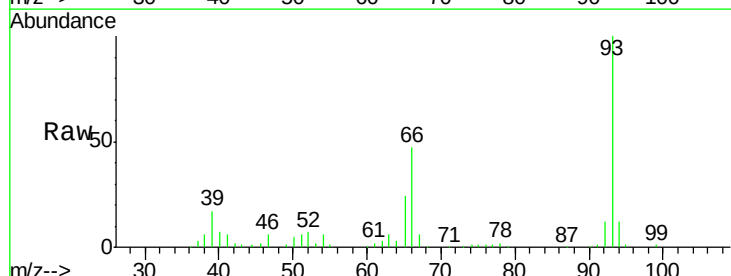
RT: 6.46 min Scan# 383

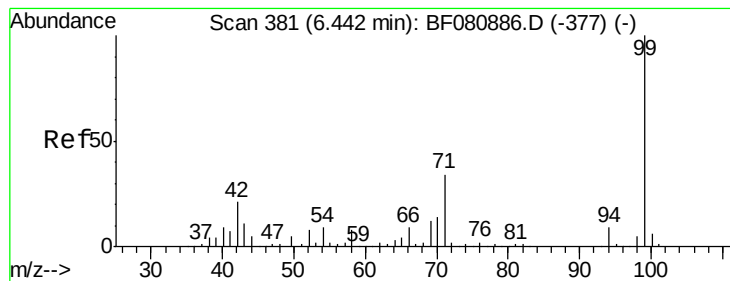
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:	93	Resp:	278059
Ion	Ratio	Lower	Upper
93	100		
66	46.7	37.4	56.0
65	23.6	19.8	29.6





#7

Phenol-d6

Concen: 81.02 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

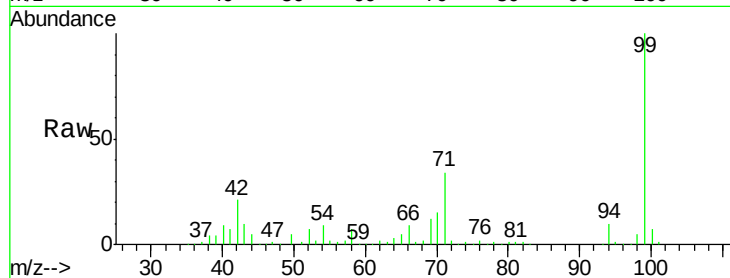
Tot Ion: 99 Resp: 380090

Ion Ratio Lower Upper

99 100

42 20.6 16.8 25.2

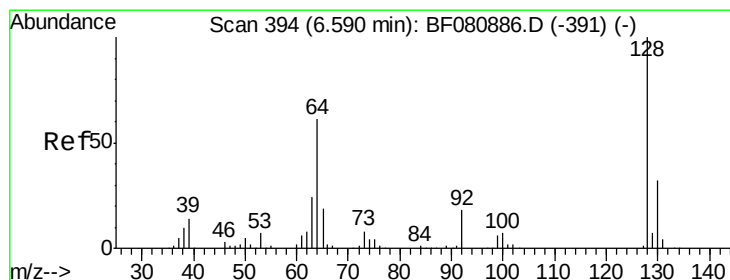
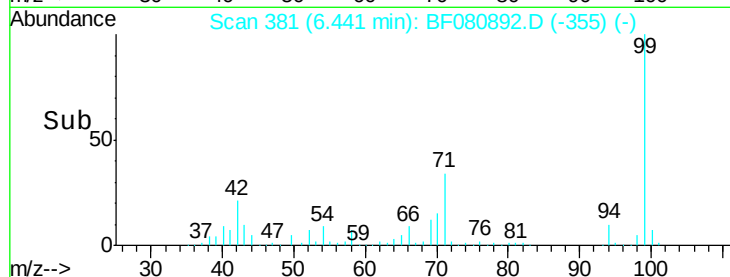
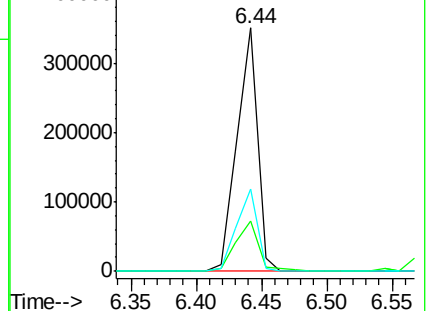
71 33.7 27.4 41.0



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: 42.42 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

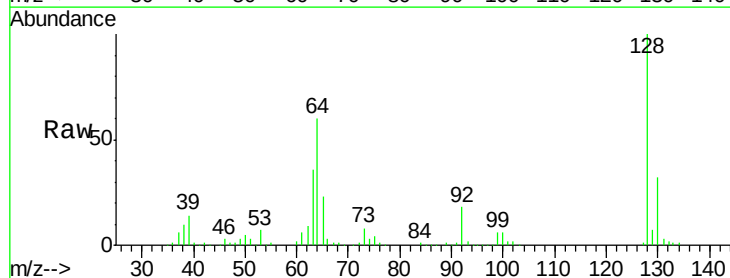
Tgt Ion: 128 Resp: 164156

Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

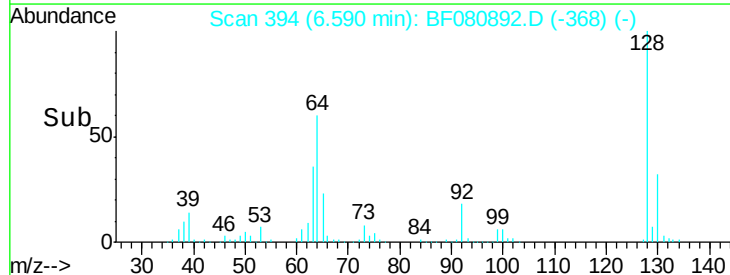
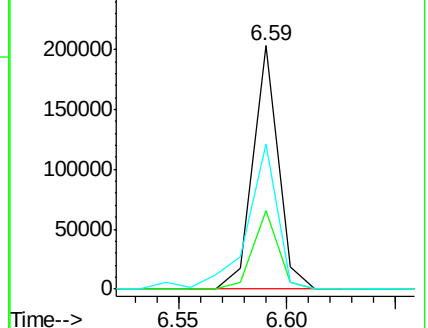
64 59.7 41.3 81.3

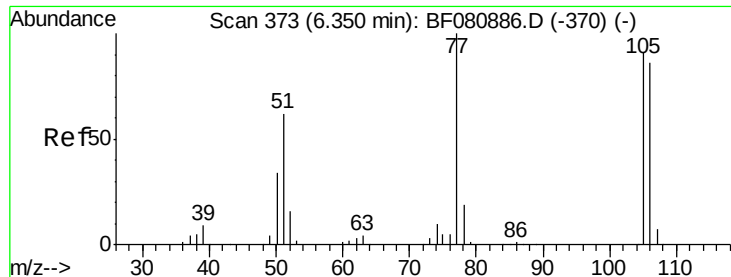


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

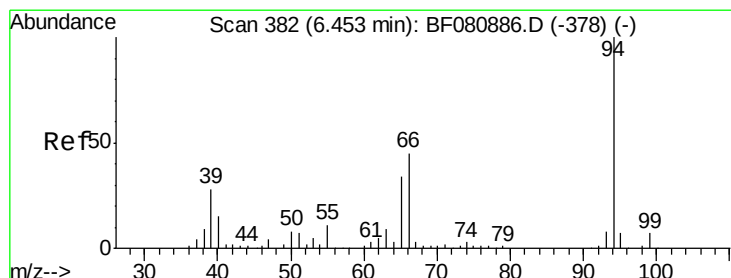
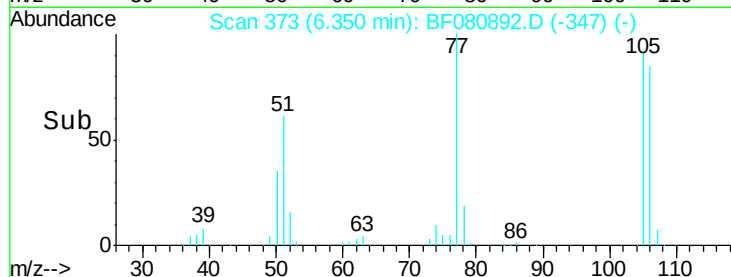
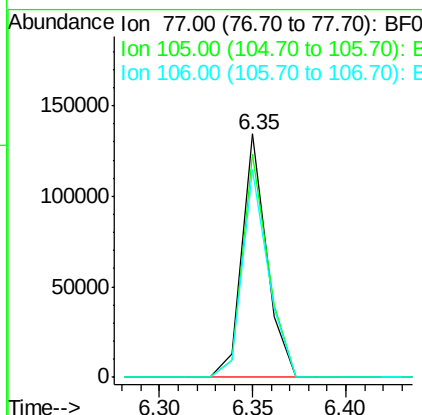
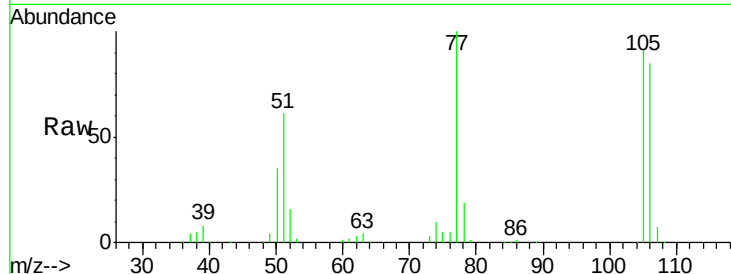




#9
Benzaldehyde
Concen: 38.55 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

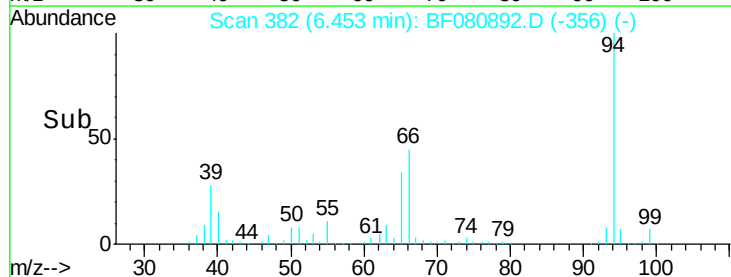
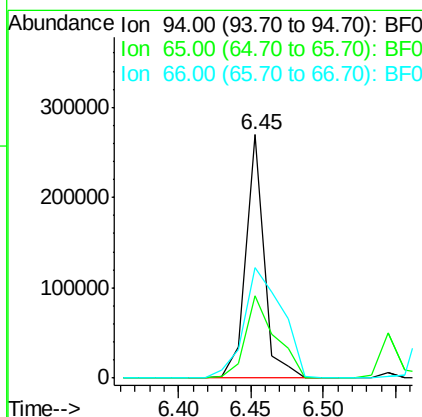
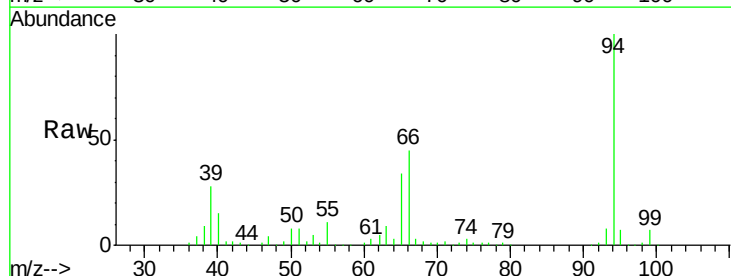
Instrument :
BNA_F
ClientSampled :

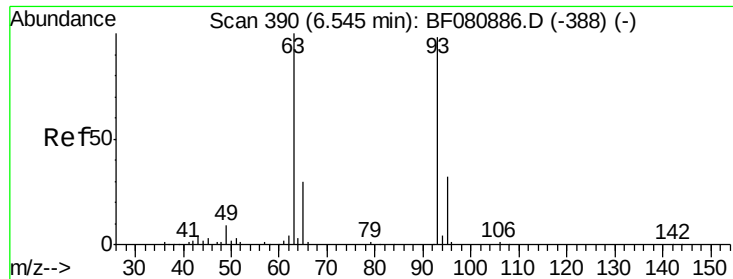
Tot Ion: 77 Resp: 124600
Ion Ratio Lower Upper
77 100
105 91.5 70.7 110.7
106 85.4 66.1 106.1



#10
Phenol
Concen: 42.02 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion: 94 Resp: 236559
Ion Ratio Lower Upper
94 100
65 34.0 14.0 54.0
66 45.3 24.6 64.6

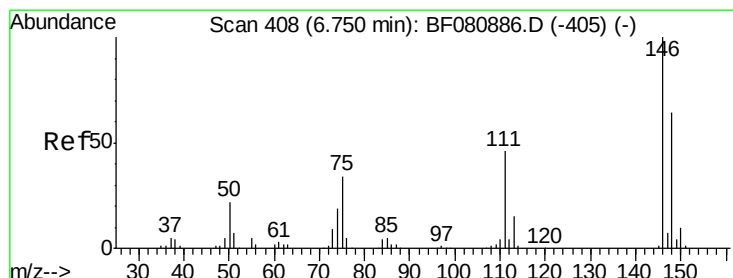
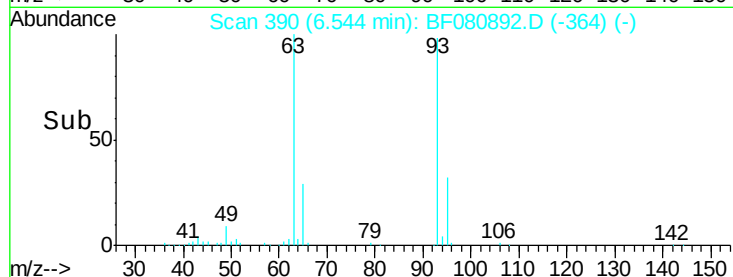
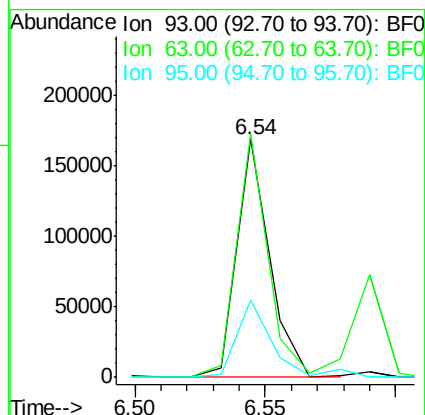
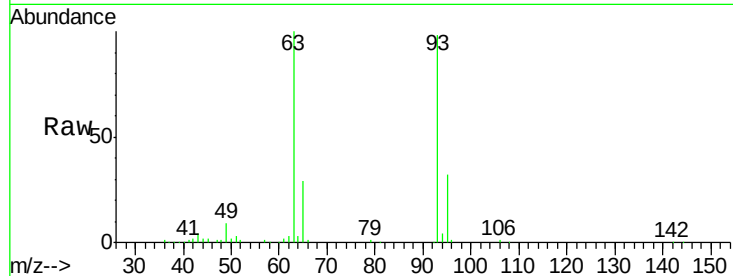




#11
bis(2-Chloroethyl)ether
Concen: 37.16 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

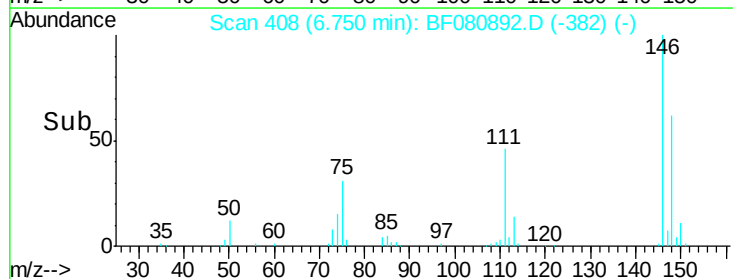
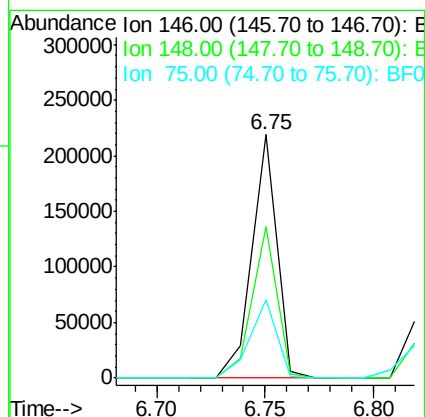
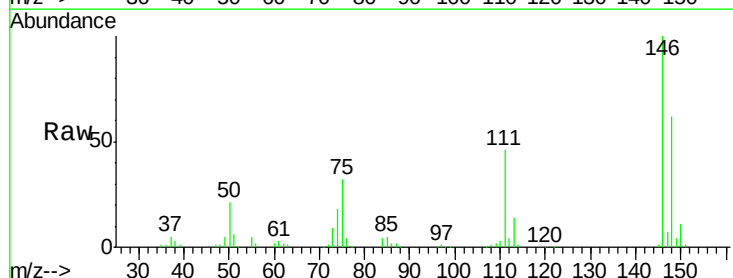
Instrument :
BNA_F
ClientSampleId :

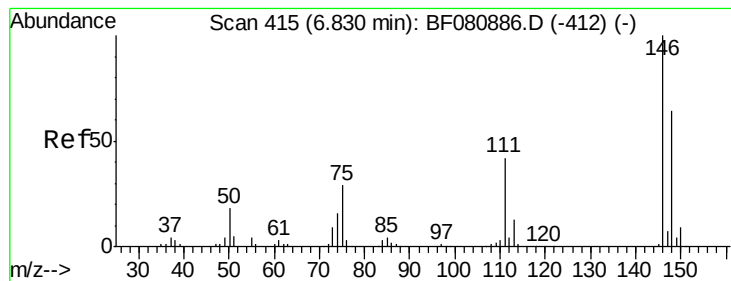
Tot Ion: 93 Resp: 148102
Ion Ratio Lower Upper
93 100
63 102.2 81.4 121.4
95 32.6 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 41.63 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion: 146 Resp: 174753
Ion Ratio Lower Upper
146 100
148 62.2 51.3 76.9
75 32.4 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 41.43 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampled :

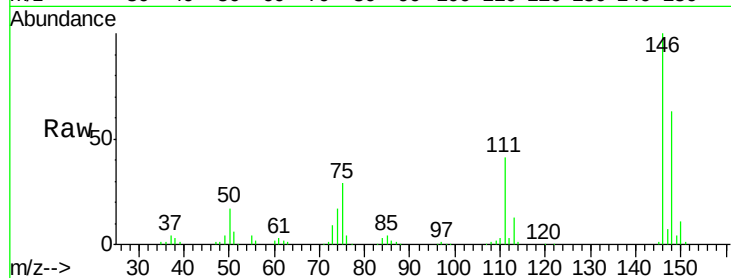
Tot Ion:146 Resp: 177069

Ion Ratio Lower Upper

146 100

148 62.6 51.5 77.3

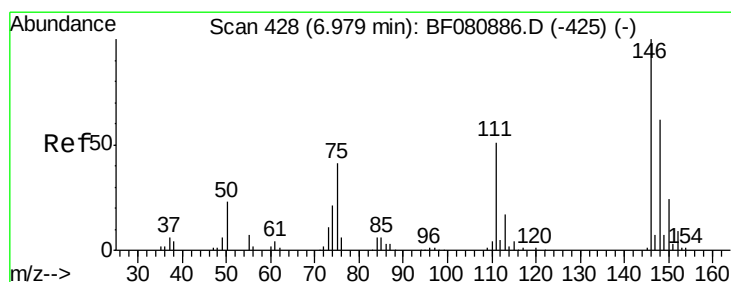
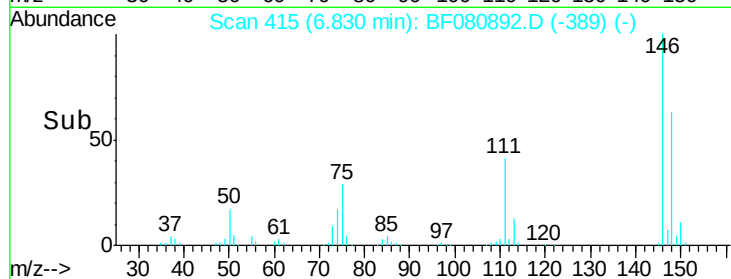
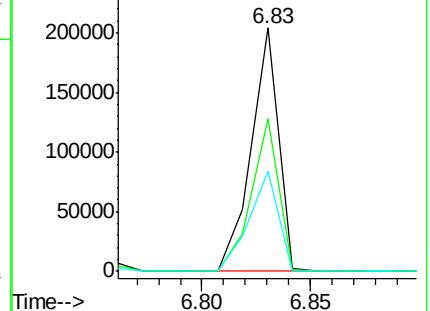
111 41.4 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.55 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

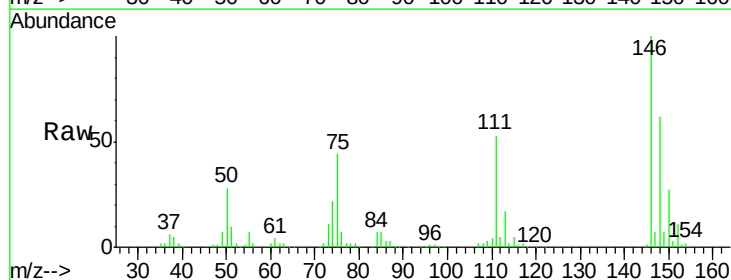
Tgt Ion:146 Resp: 151041

Ion Ratio Lower Upper

146 100

148 61.7 50.0 75.0

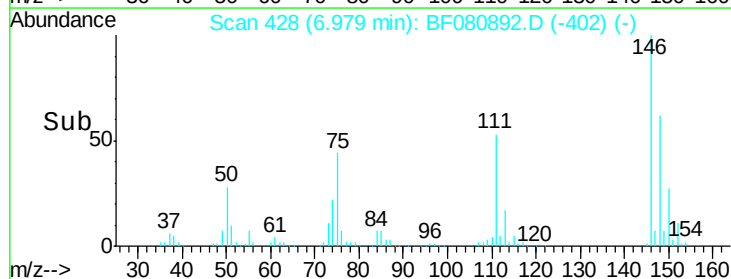
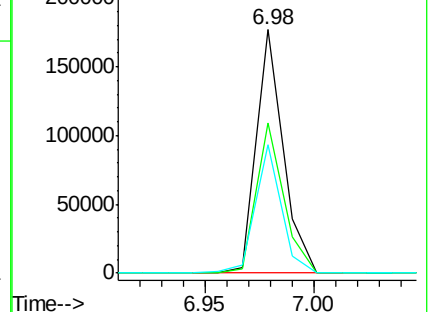
111 52.6 41.0 61.6

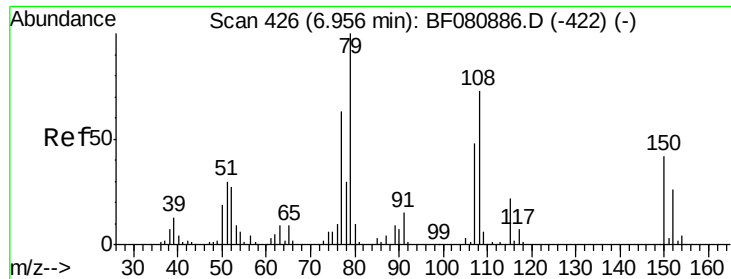


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.44 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampled :

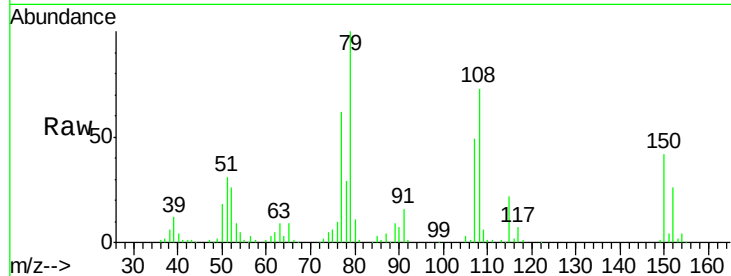
Tot Ion: 79 Resp: 161670

Ion Ratio Lower Upper

79 100

108 73.1 58.2 87.2

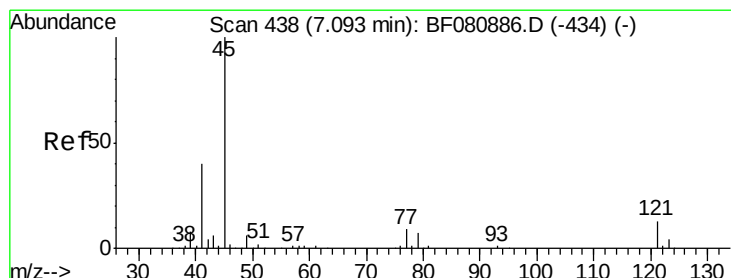
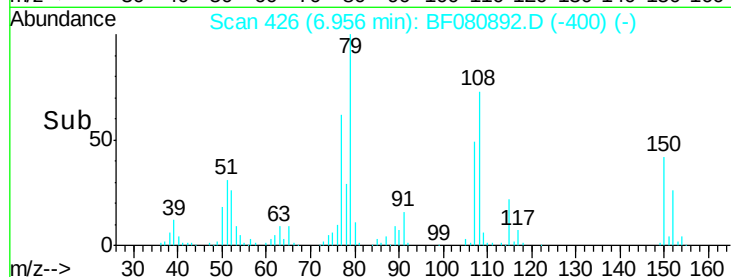
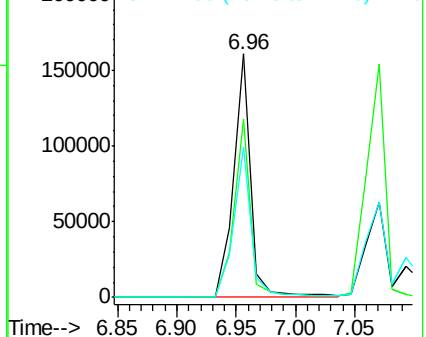
77 61.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.93 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

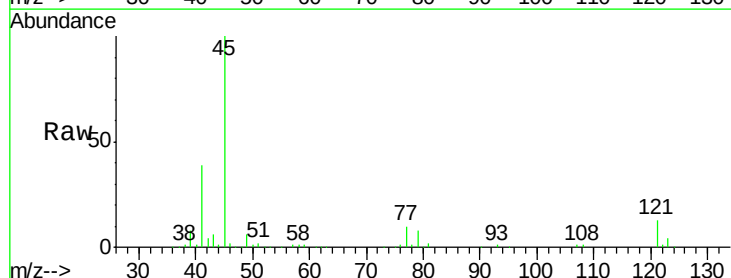
Tgt Ion: 45 Resp: 318427

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.1

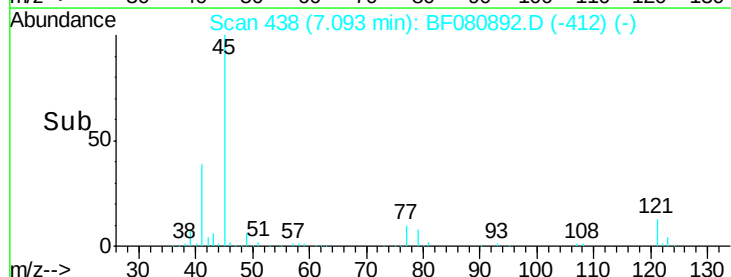
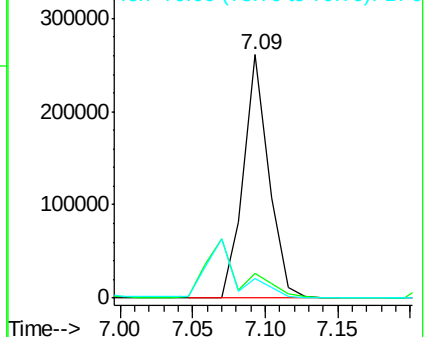
79 8.0 0.0 27.6

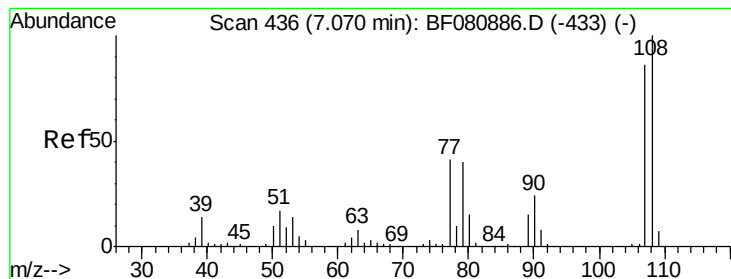


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

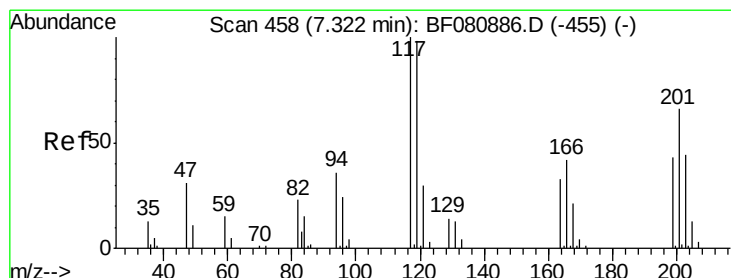
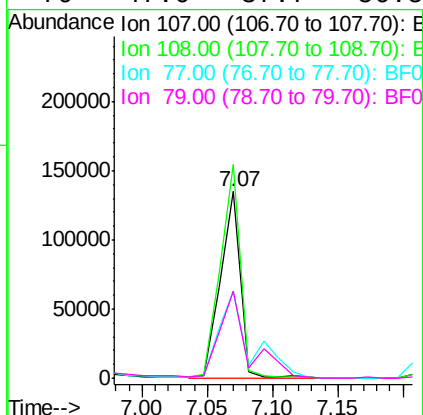
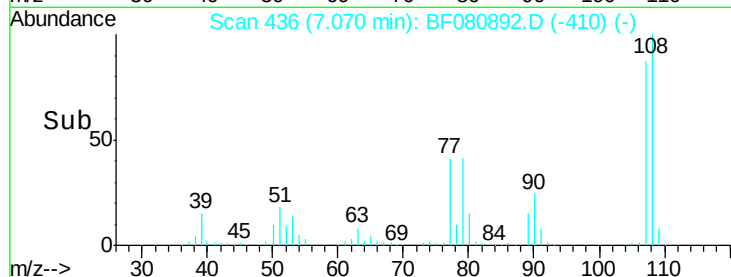
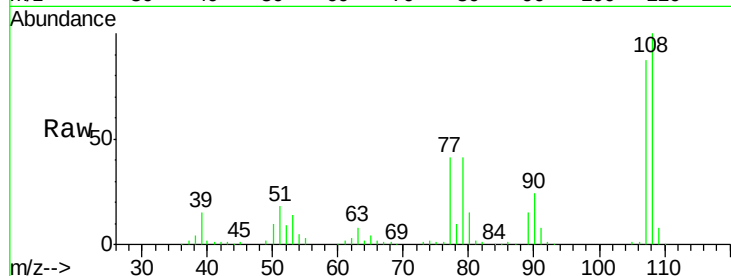




#17
2-Methylphenol
Concen: 42.29 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

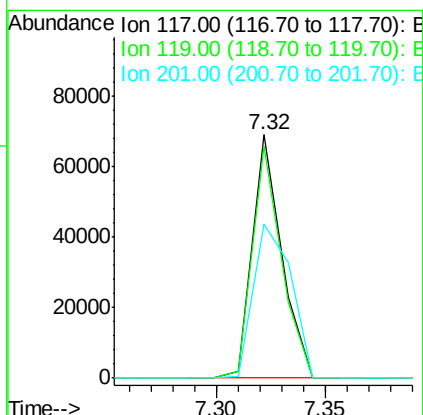
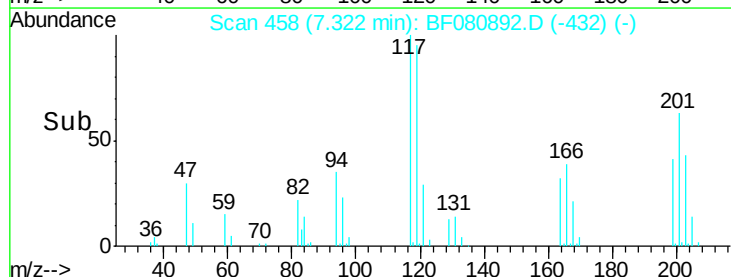
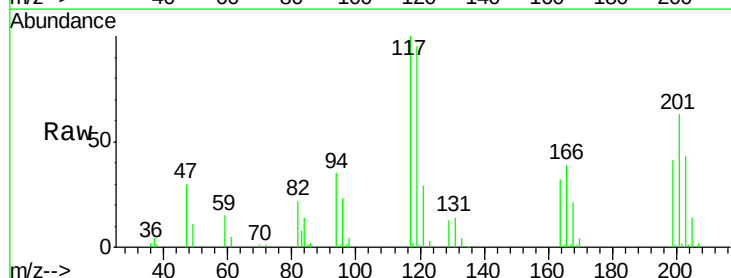
Instrument :
BNA_F
ClientSampleId :

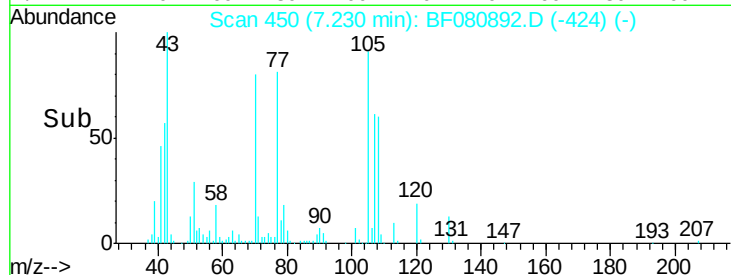
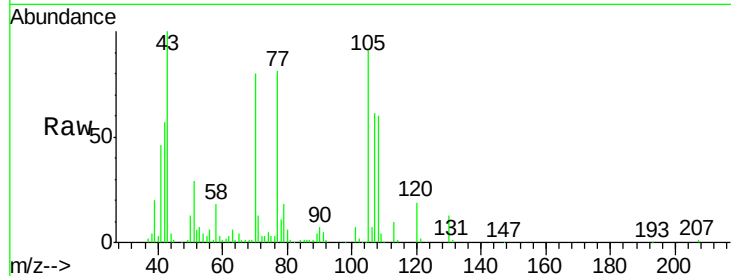
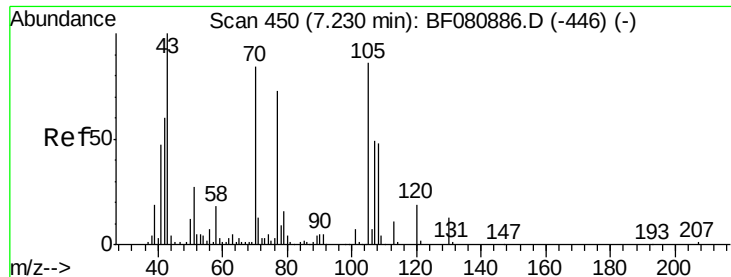
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.1	139.7
77	46.8	38.2	57.2
79	47.0	37.7	56.5



#18
Hexachloroethane
Concen: 39.62 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.4	117.6
201	63.1	53.1	79.7

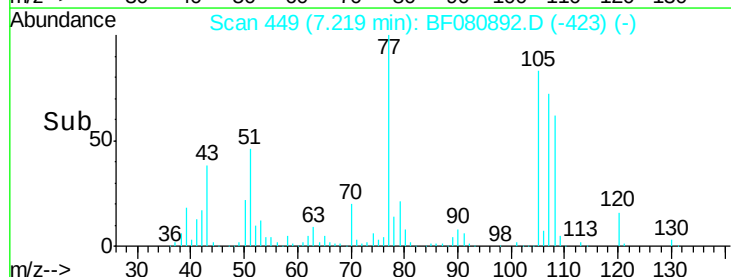
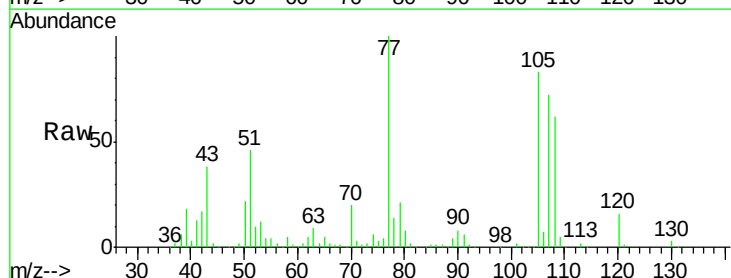
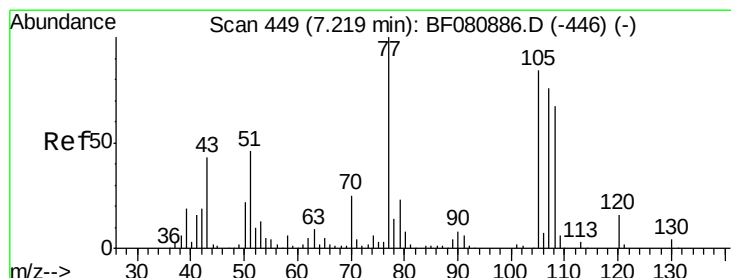
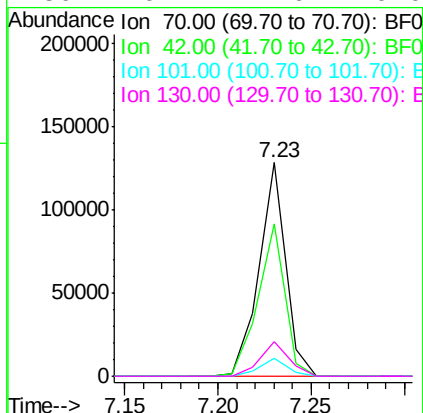




#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

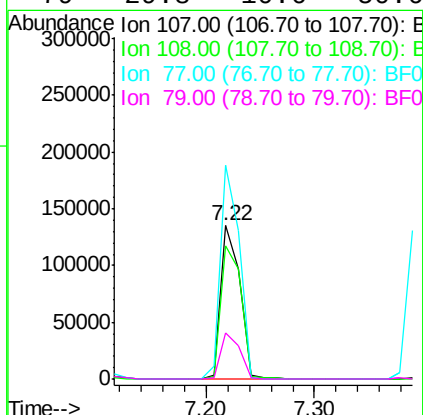
Instrument :
BNA_F
ClientSampleId :

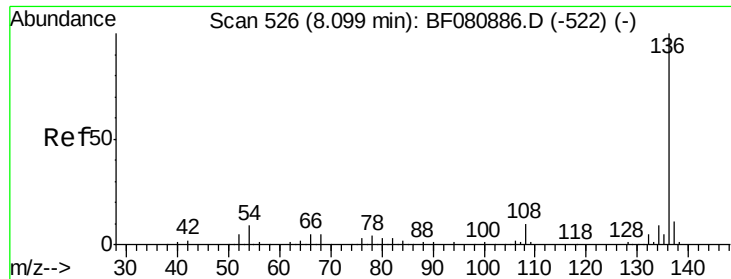
Tot Ion:	70	Resp:	126225
Ion	Ratio	Lower	Upper
70	100		
42	71.6	57.2	85.8
101	8.3	6.6	9.8
130	16.1	12.6	19.0



#20
3+4-Methylphenols
Concen: 39.46 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:	107	Resp:	165876
Ion	Ratio	Lower	Upper
107	100		
108	86.7	67.3	107.3
77	139.6	111.2	151.2
79	29.8	10.6	50.6

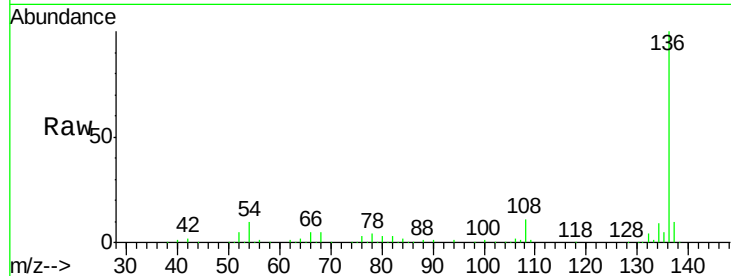




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	233464
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.6 12.8
54	9.9	7.5 11.3
68	5.4	4.2 6.2

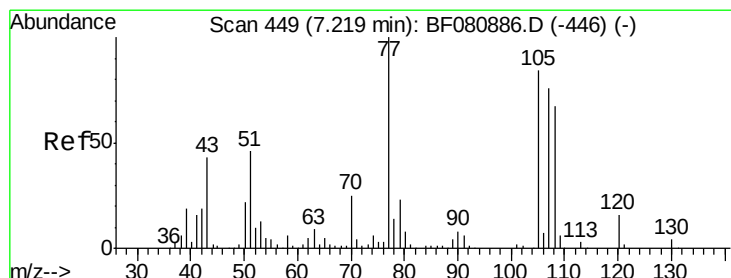
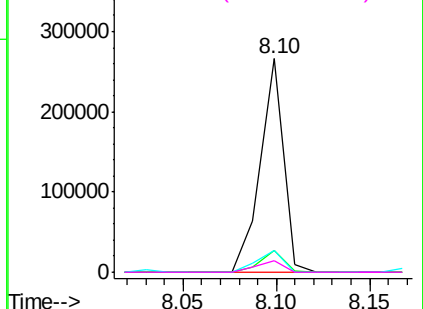
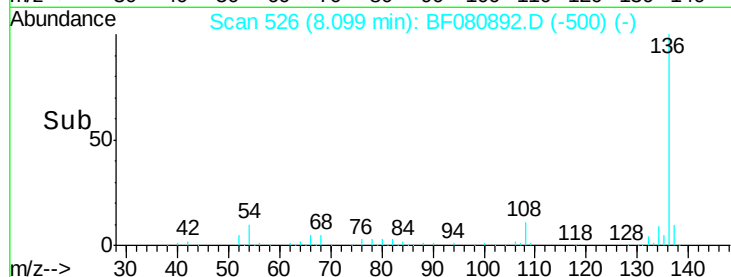


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

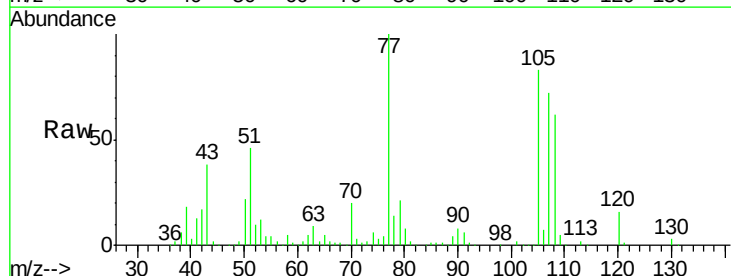
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 36.89 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:105	Resp:	215402
Ion Ratio	Lower	Upper
105	100	
71	3.8	3.8 5.8#
51	55.5	44.2 66.4
120	19.5	15.4 23.0

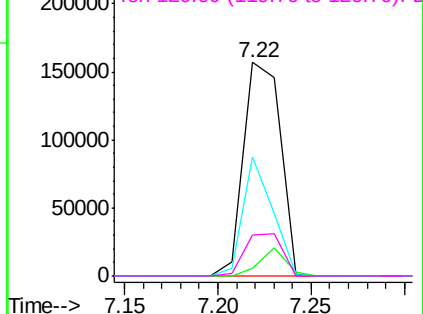
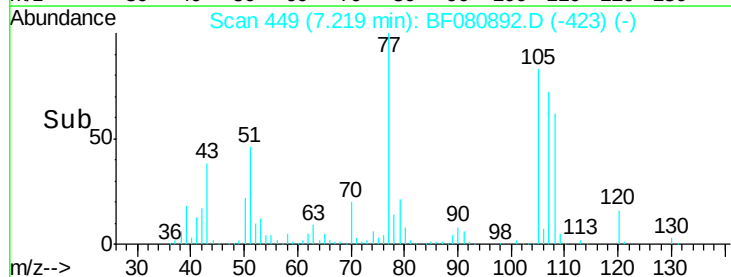


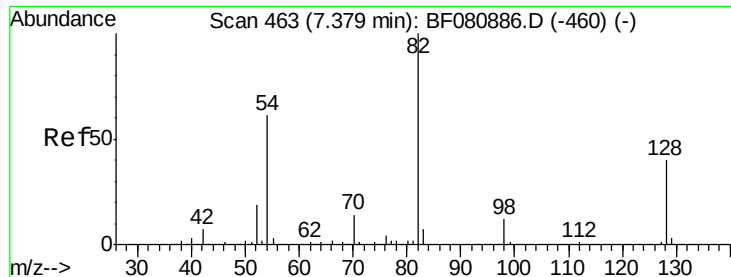
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

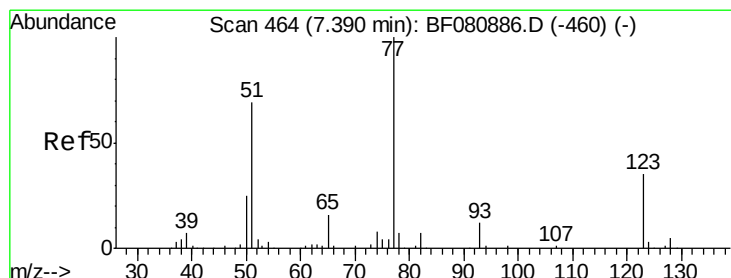
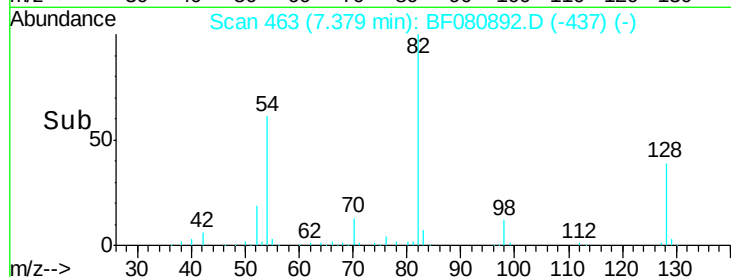
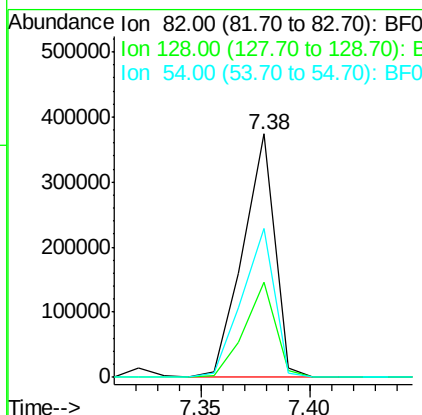
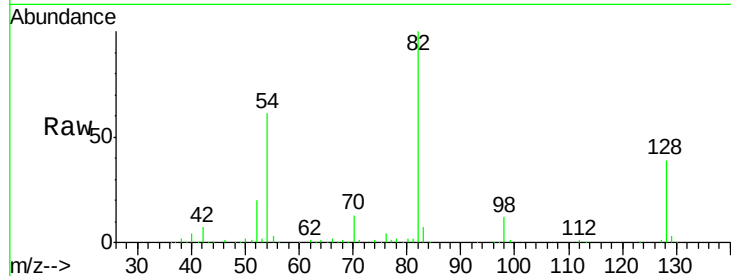




#23
 Nitrobenzene-d5
 Concen: 77.08 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

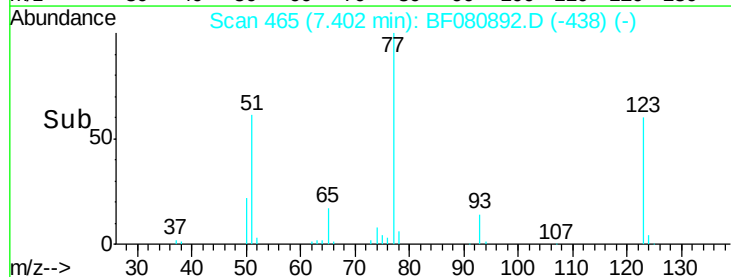
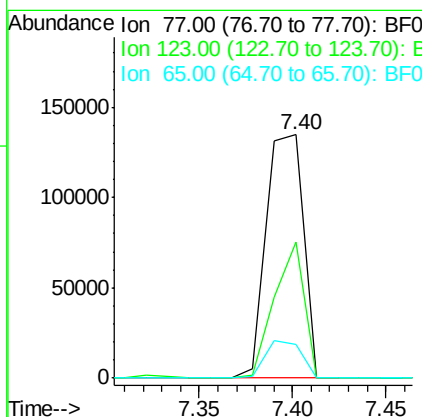
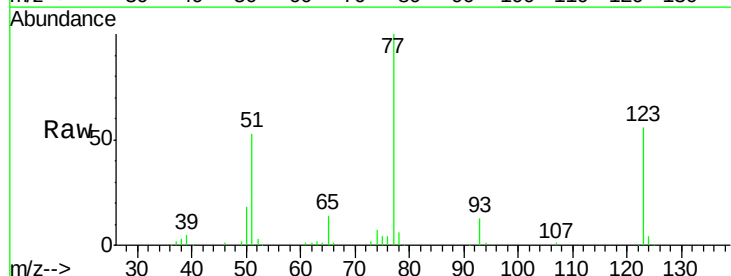
Instrument :
 BNA_F
 ClientSampleId :

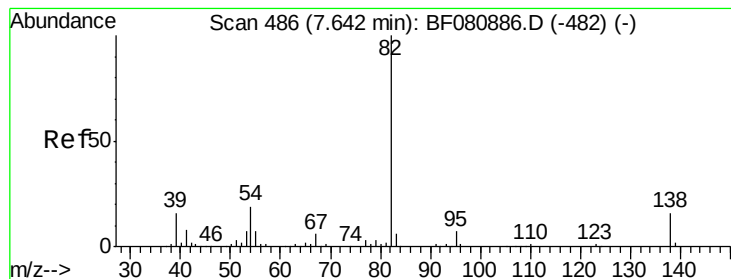
Tot Ion	82	Resp	382020
Ion Ratio	Lower	Upper	
82	100		
128	39.3	31.8	47.6
54	61.2	48.6	72.8



#24
 Nitrobenzene
 Concen: 36.90 ng
 RT: 7.40 min Scan# 465
 Delta R.T. 0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	77	Resp	186358
Ion Ratio	Lower	Upper	
77	100		
123	55.7	28.3	42.5#
65	13.8	12.5	18.7





#25

Isophorone

Concen: 39.69 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

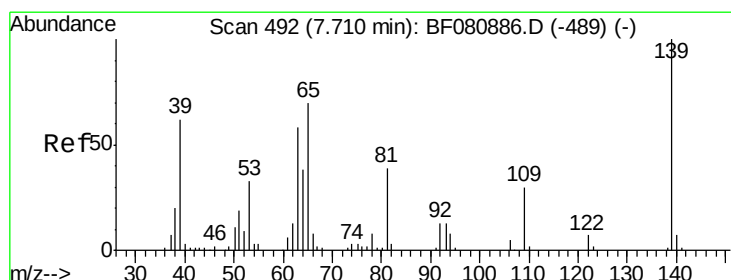
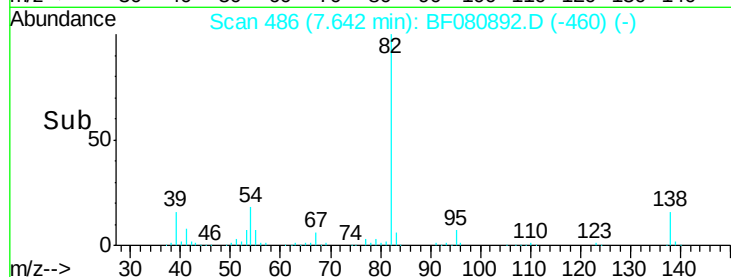
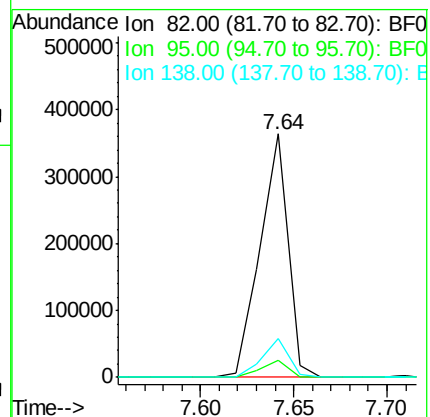
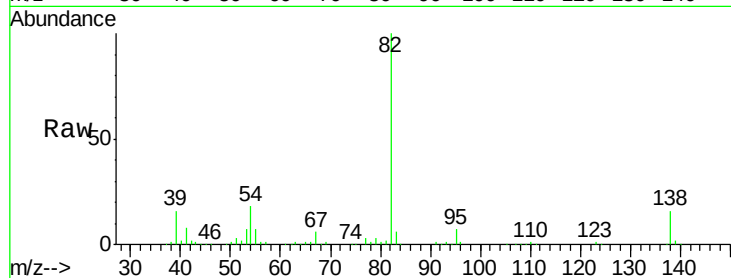
Tot Ion: 82 Resp: 377015

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 15.9 13.0 19.6



#26

2-Nitrophenol

Concen: 37.31 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

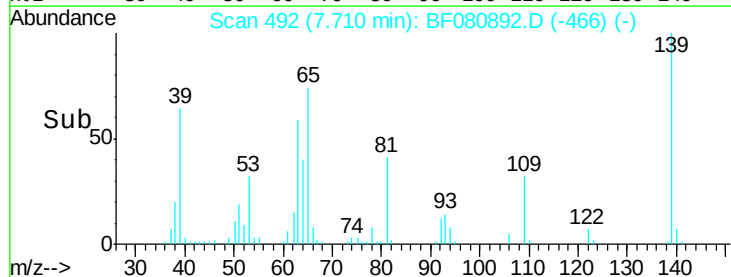
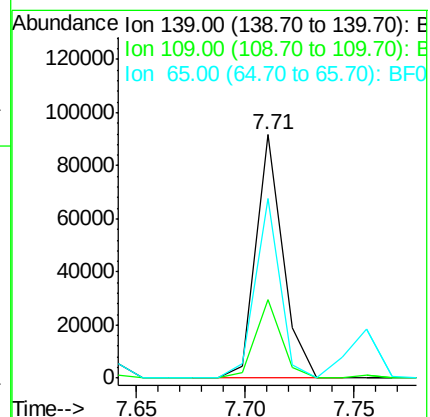
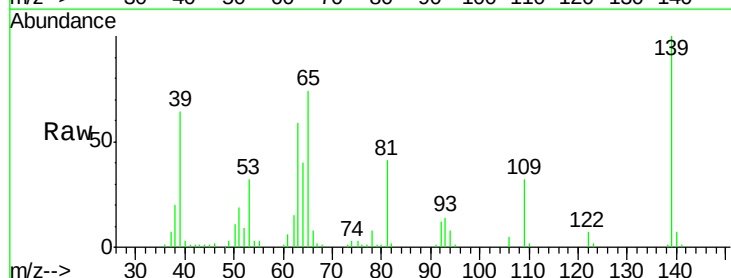
Tgt Ion: 139 Resp: 79081

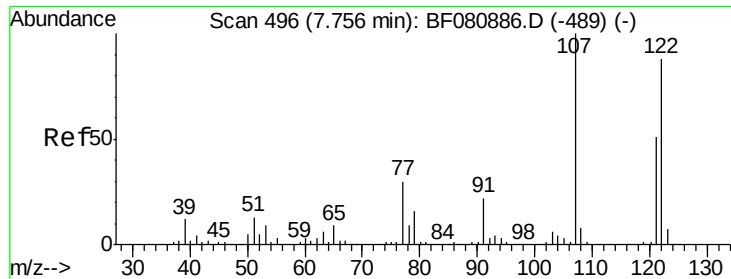
Ion Ratio Lower Upper

139 100

109 32.0 24.2 36.4

65 73.6 55.6 83.4

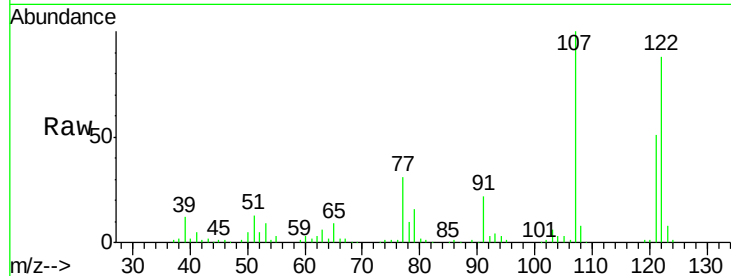




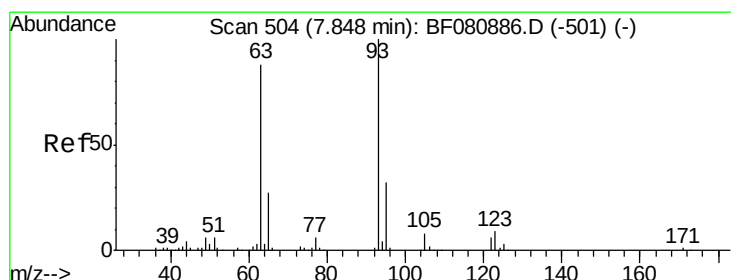
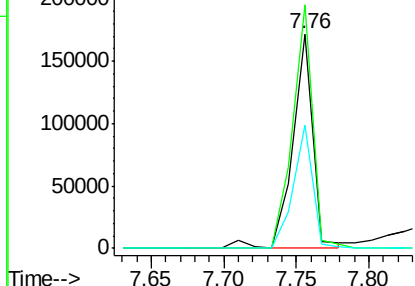
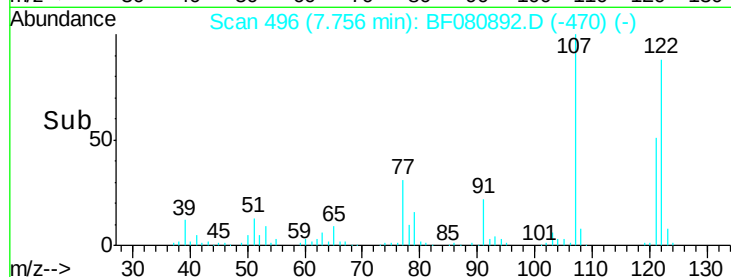
#27
 2,4-Dimethylphenol
 Concen: 40.81 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 165970
 Ion Ratio Lower Upper
 122 100
 107 113.4 91.1 136.7
 121 57.6 46.2 69.4

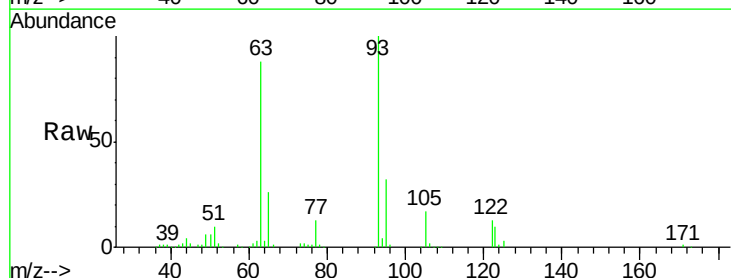


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

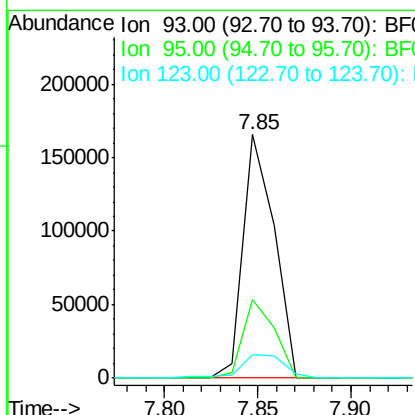
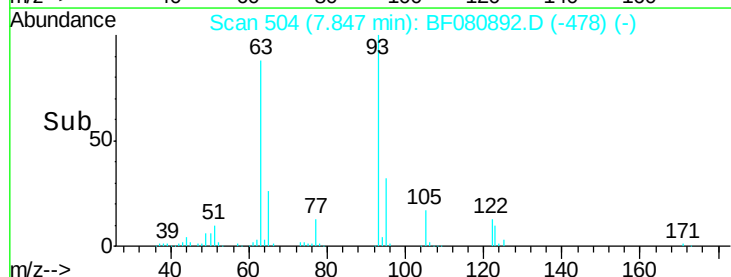


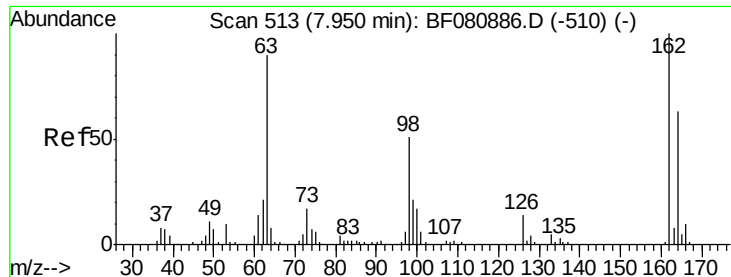
#28
 bis(2-Chloroethoxy)methane
 Concen: 34.03 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion: 93 Resp: 191584
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.5 38.3
 123 9.8 7.6 11.4



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

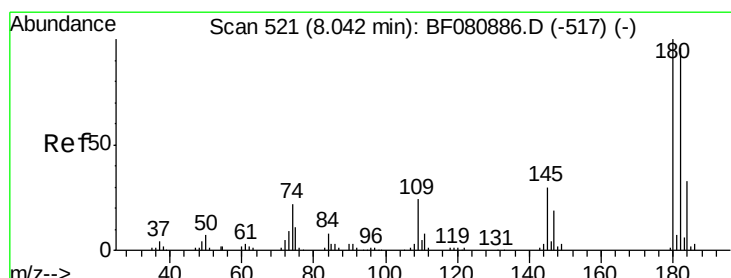
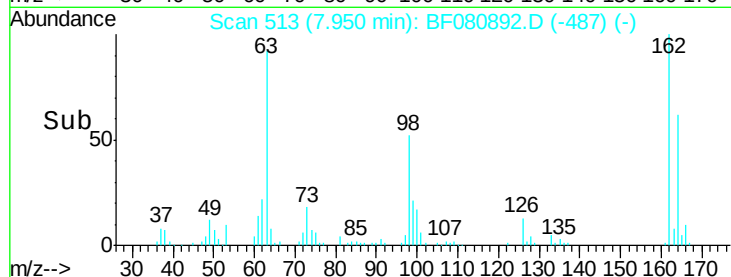
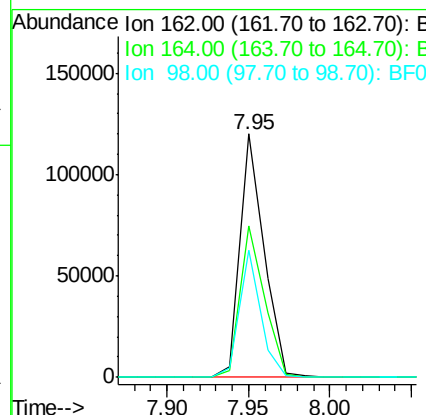
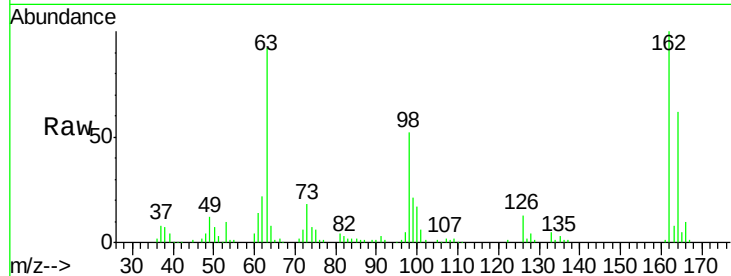




#29
 2,4-Dichlorophenol
 Concen: 37.51 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

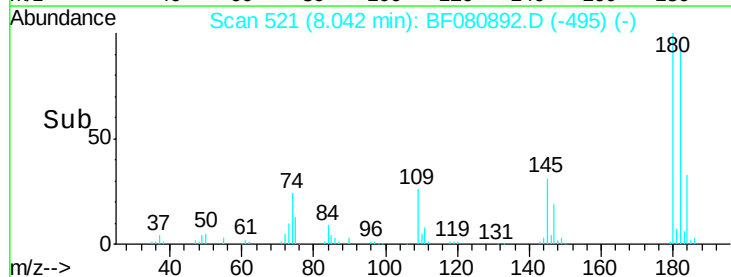
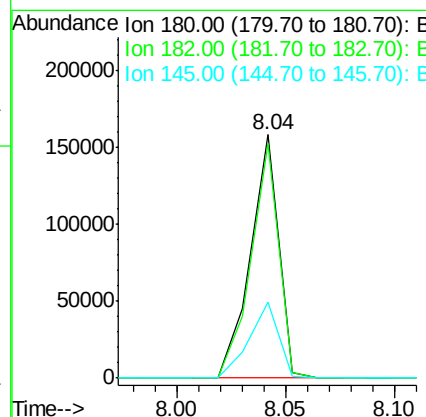
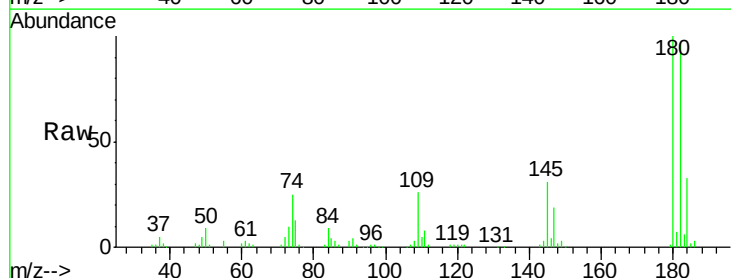
Instrument :
 BNA_F
 ClientSampleId :

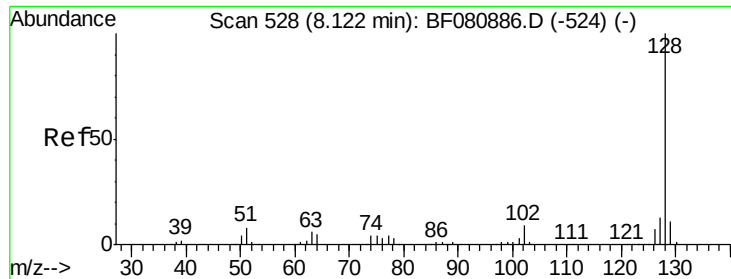
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.4	83.4
98	52.3	30.9	70.9



#30
 1,2,4-Trichlorobenzene
 Concen: 39.60 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.8	115.2
145	31.3	24.2	36.2

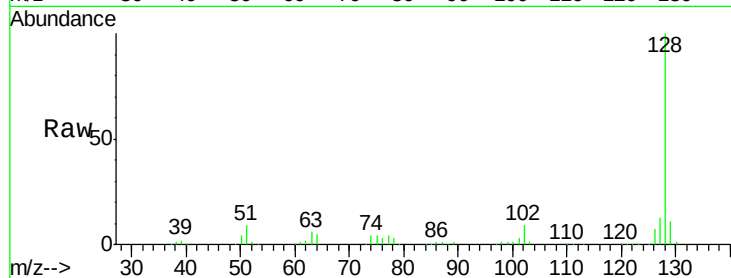




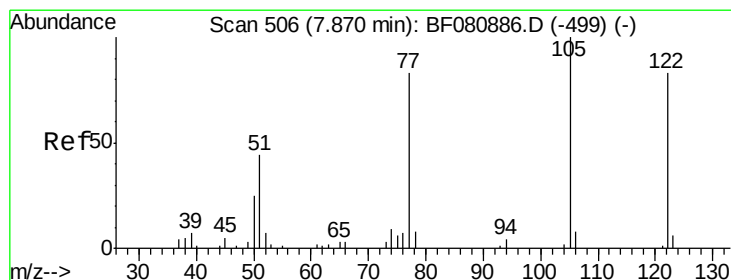
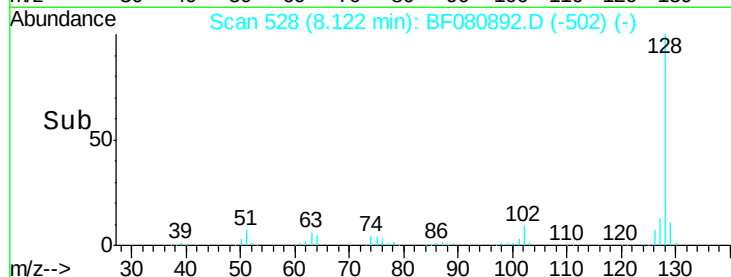
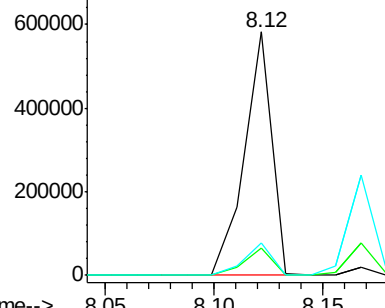
#31
Naphthalene
Concen: 40.69 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 515523
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.6 15.8

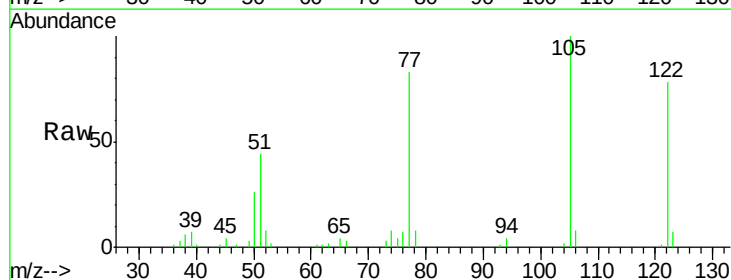


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

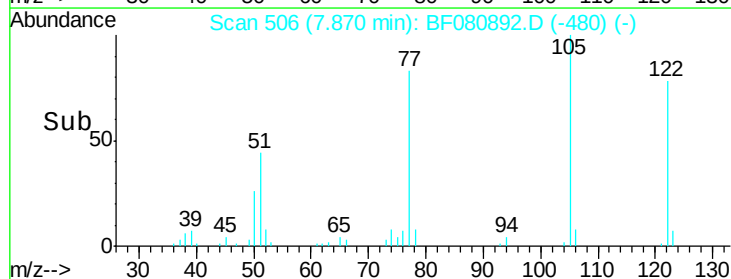
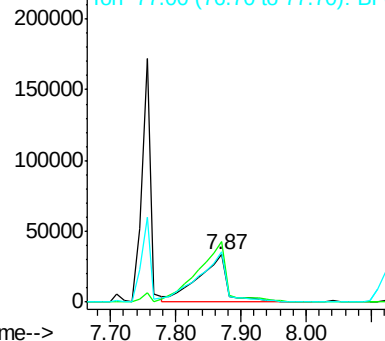


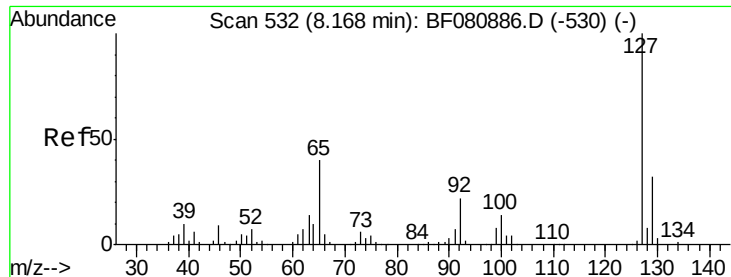
#32
Benzoic acid
Concen: 40.43 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:122 Resp: 104571
Ion Ratio Lower Upper
122 100
105 127.9 101.6 141.6
77 106.1 80.9 120.9



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

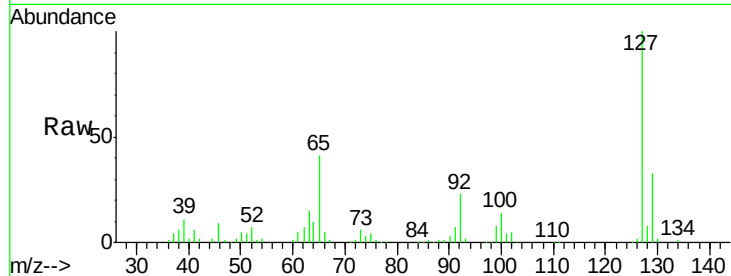




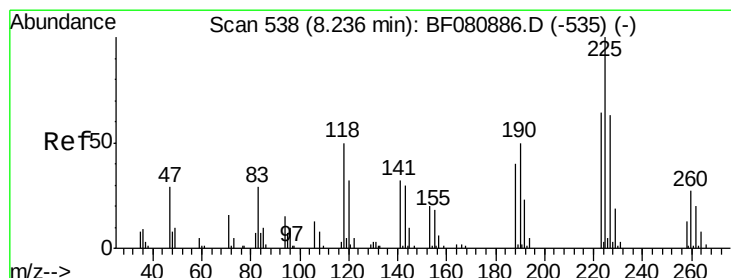
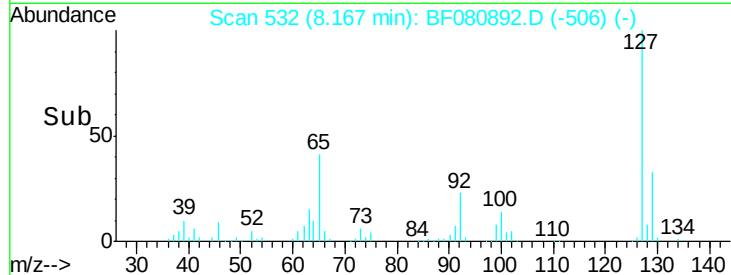
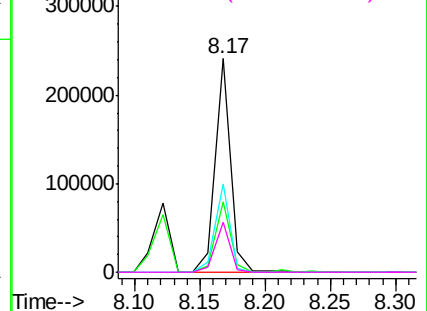
#33
4-Chloroaniline
Concen: 37.98 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	198866
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	41.5	31.7	47.5
92	23.1	17.6	26.4

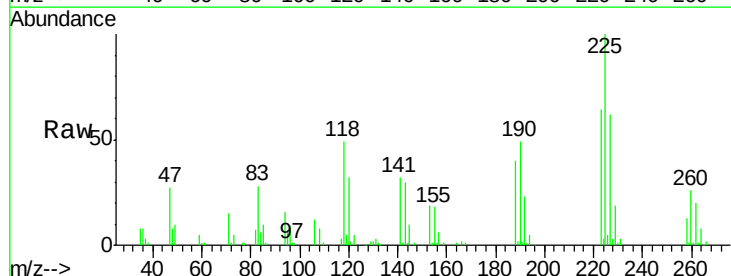


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

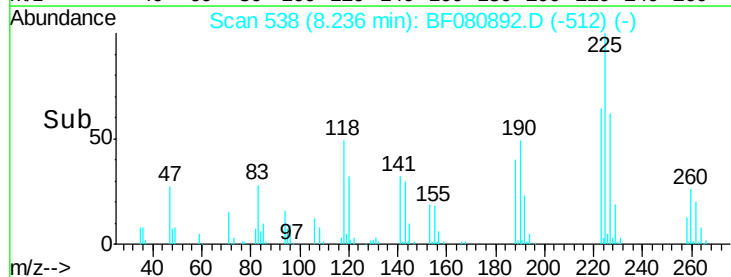
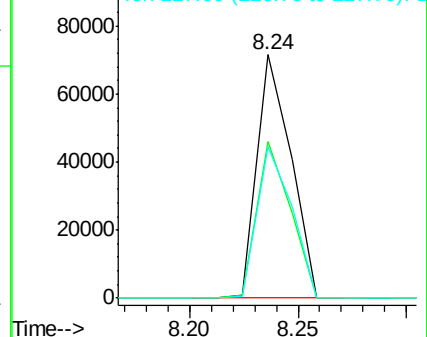


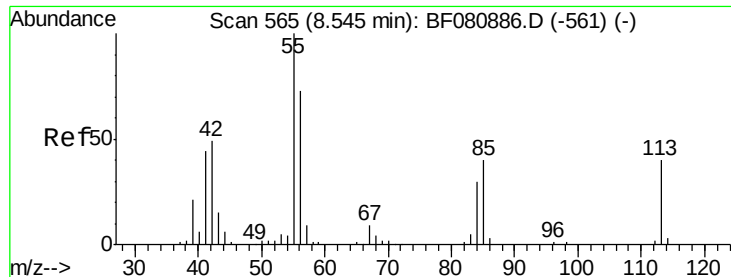
#34
Hexachlorobutadiene
Concen: 38.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:	225	Resp:	77716
Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.2	76.8
227	62.2	50.4	75.6



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: 39.63 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampled :

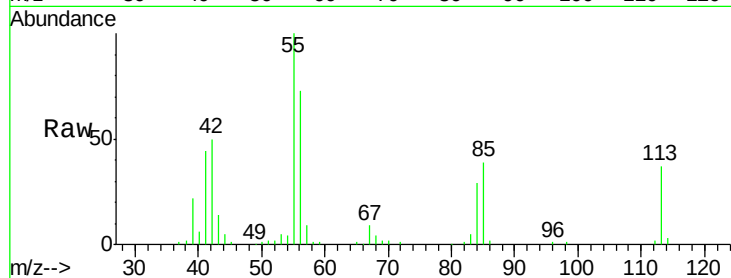
Tot Ion:113 Resp: 47958

Ion Ratio Lower Upper

113 100

55 268.1 228.4 268.4

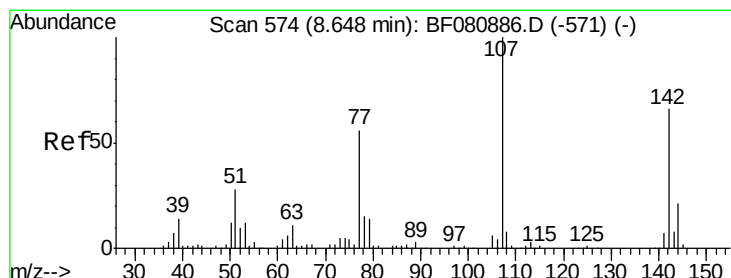
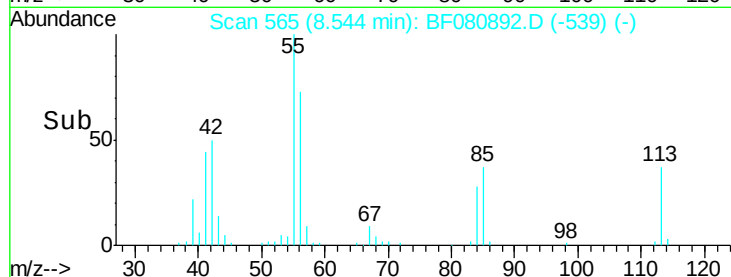
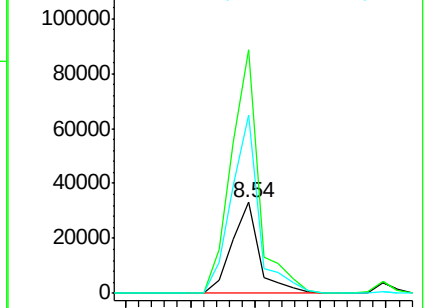
56 195.9 161.5 201.5



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: 37.10 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

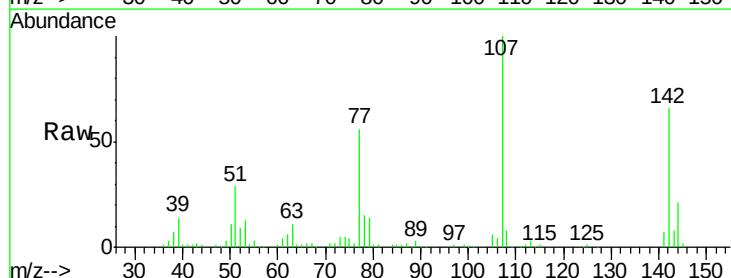
Tgt Ion:107 Resp: 144893

Ion Ratio Lower Upper

107 100

144 21.0 17.0 25.6

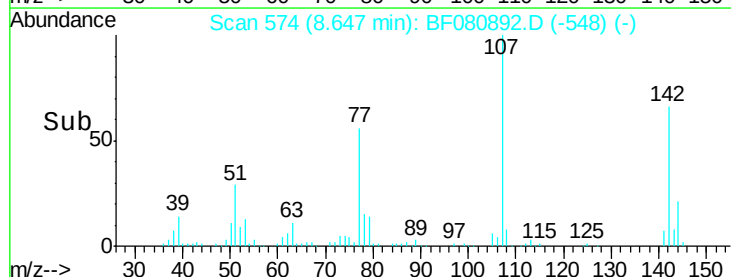
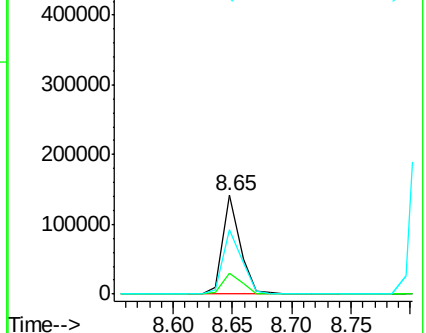
142 65.6 52.6 78.8

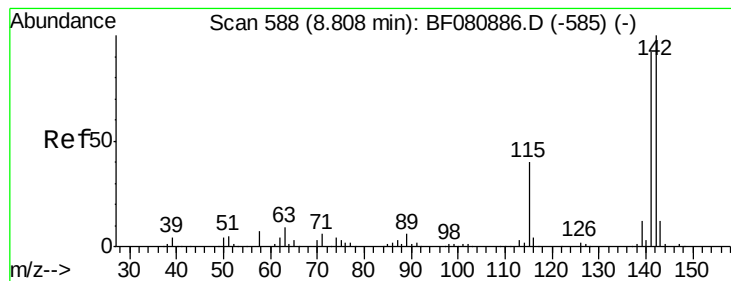


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.94 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

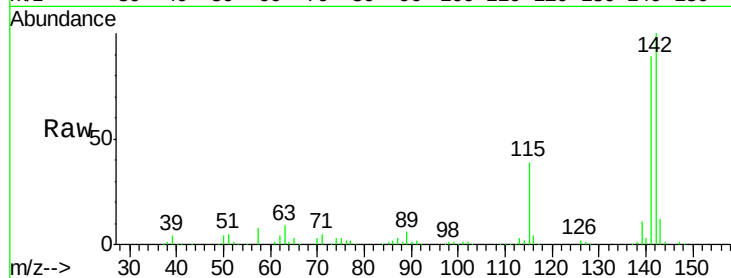
Tot Ion:142 Resp: 296318

Ion Ratio Lower Upper

142 100

141 88.8 73.5 110.3

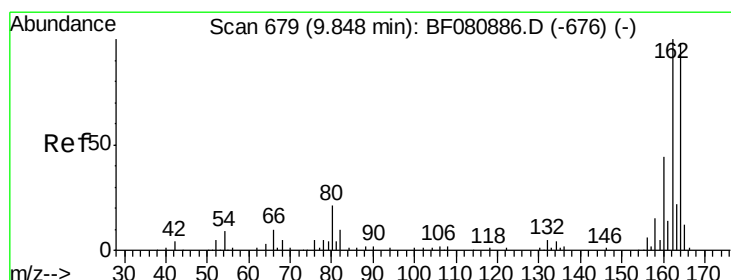
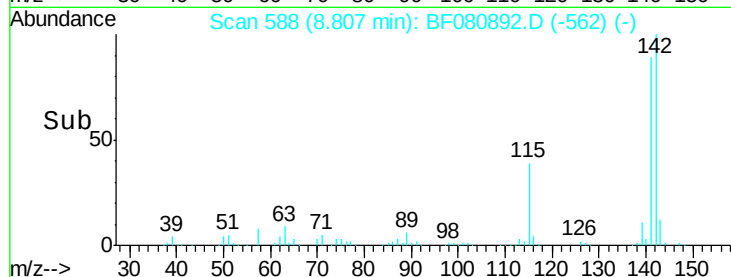
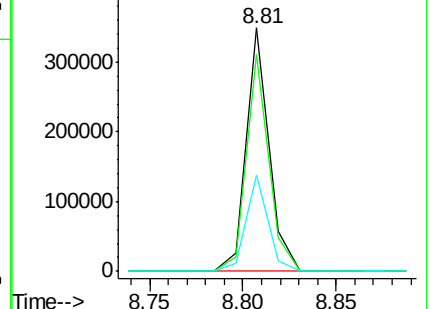
115 39.4 32.1 48.1



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: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

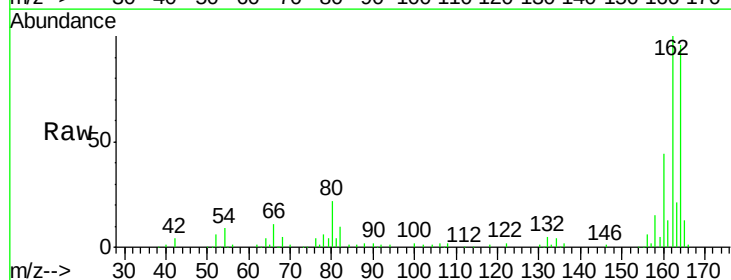
Tgt Ion:164 Resp: 106826

Ion Ratio Lower Upper

164 100

162 103.7 81.5 122.3

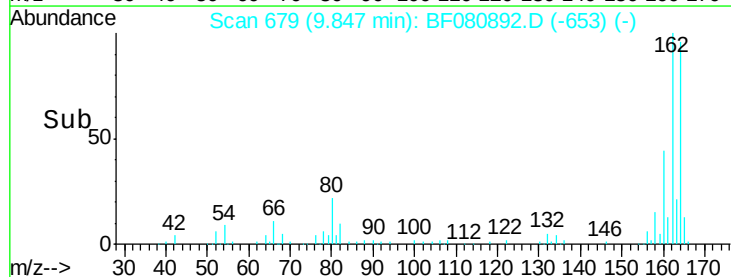
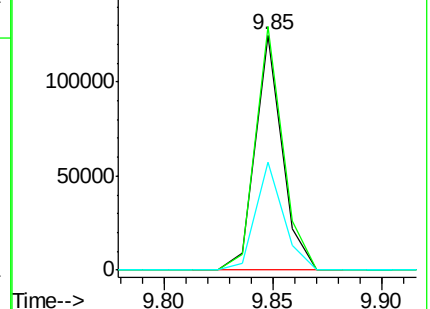
160 45.8 35.9 53.9

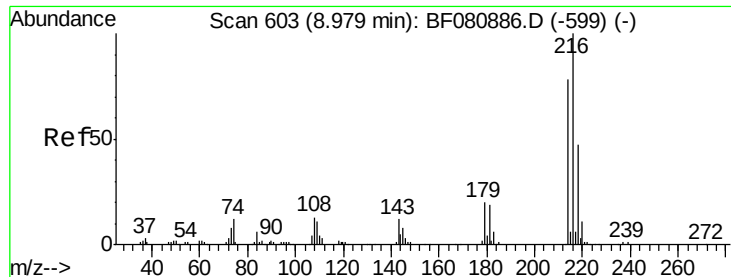


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.03 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 136764

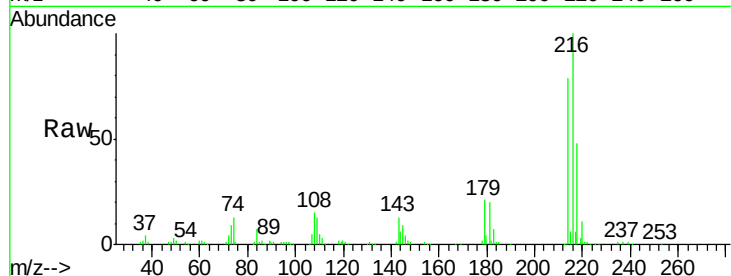
Ion Ratio Lower Upper

216 100

214 79.7 62.8 94.2

179 22.7 17.0 25.6

108 21.6 16.7 25.1

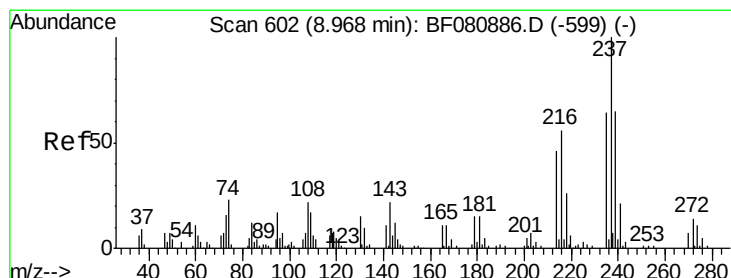
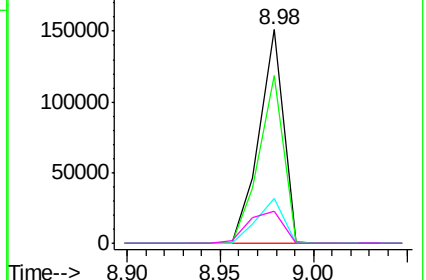
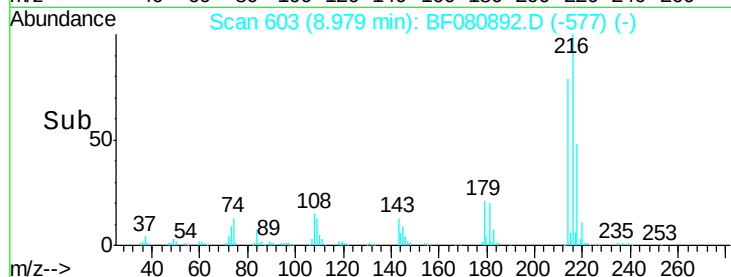


Abundance Ion 216.00 (215.70 to 216.70): E

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: 44.15 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

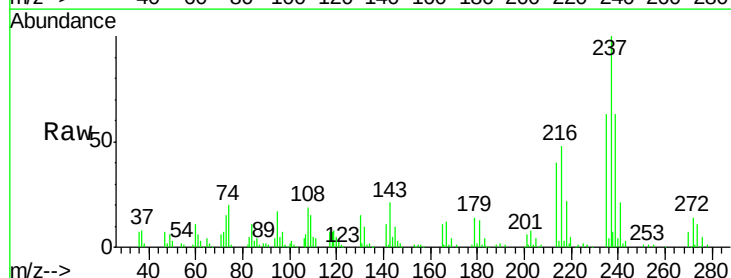
Tgt Ion:237 Resp: 82434

Ion Ratio Lower Upper

237 100

235 63.4 43.7 83.7

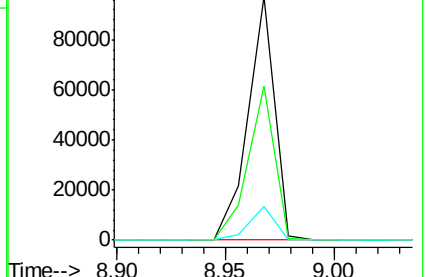
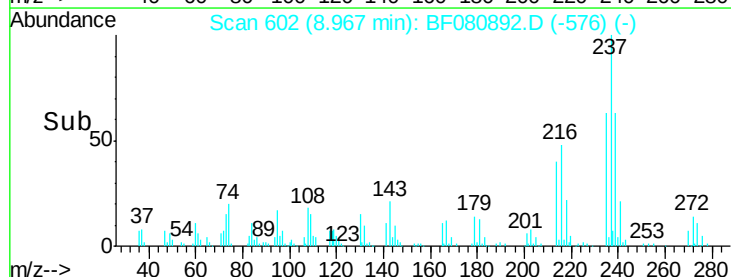
272 14.1 0.0 33.8

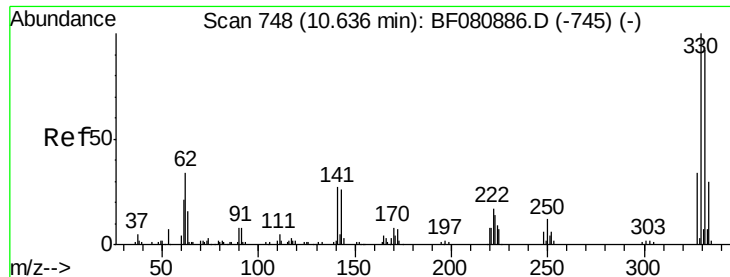


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

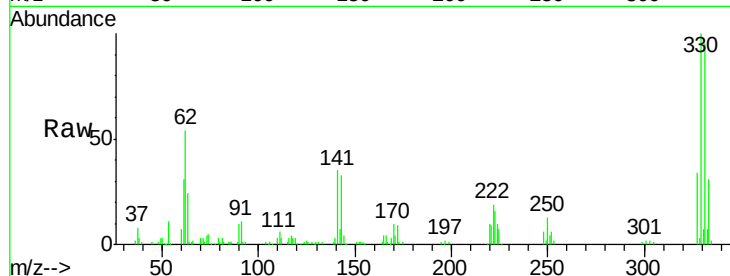




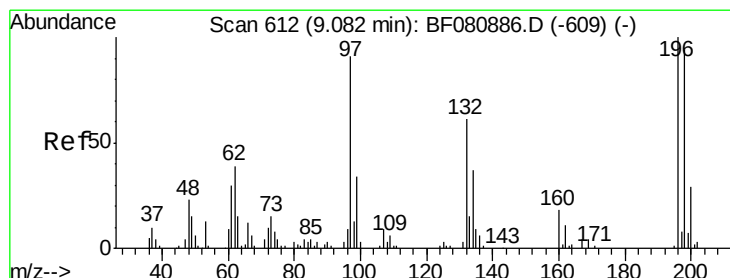
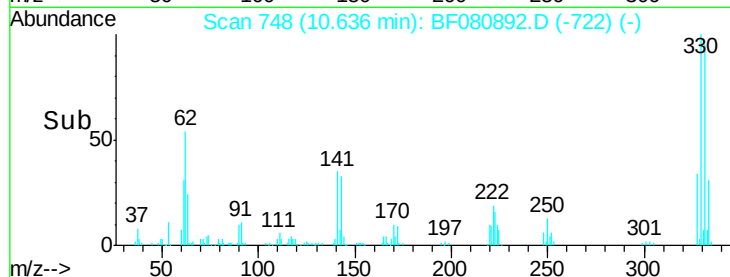
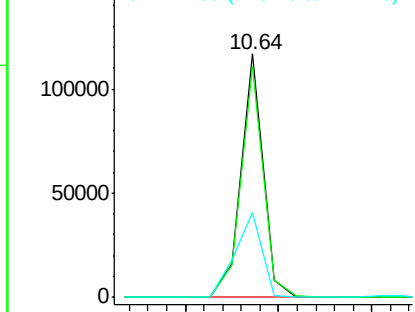
#41
 2,4,6-Tribromophenol
 Concen: 84.67 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	74.1	111.1
141	42.0	30.1	45.1

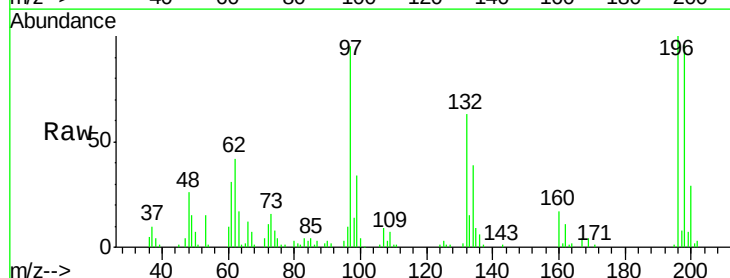


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

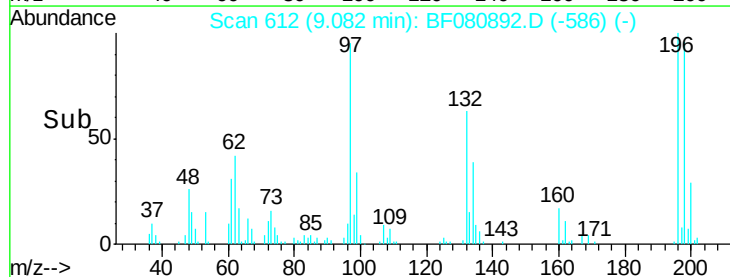
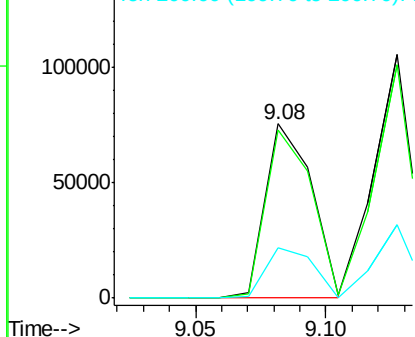


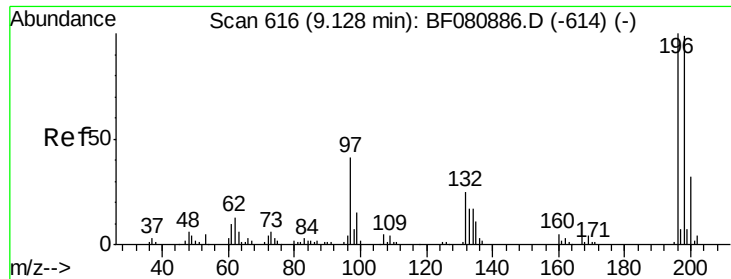
#42
 2,4,6-Trichlorophenol
 Concen: 38.67 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.9	112.3
200	28.8	23.2	34.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

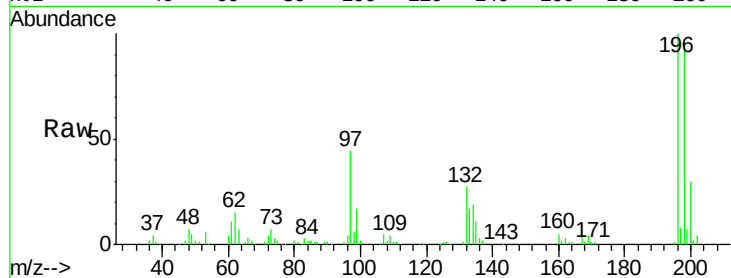




#43
 2,4,5-Trichlorophenol
 Concen: 43.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.7	118.1
97	44.1	33.9	50.9
132	26.9	20.1	30.1



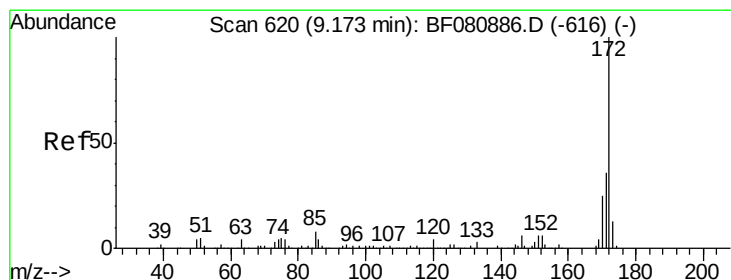
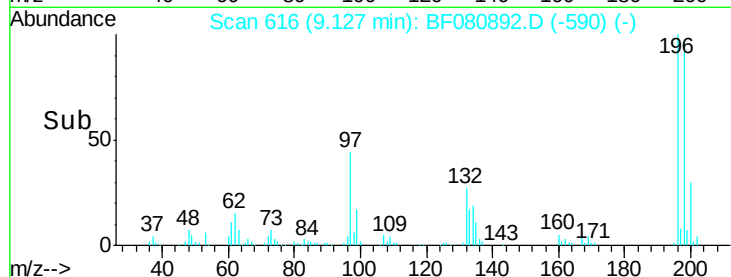
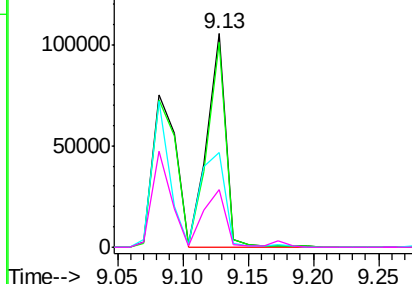
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

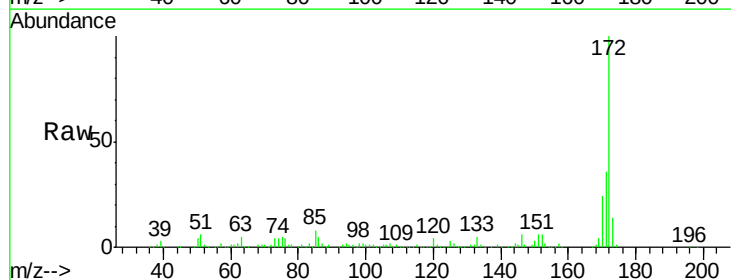
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.74 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	24.4	19.9	29.9

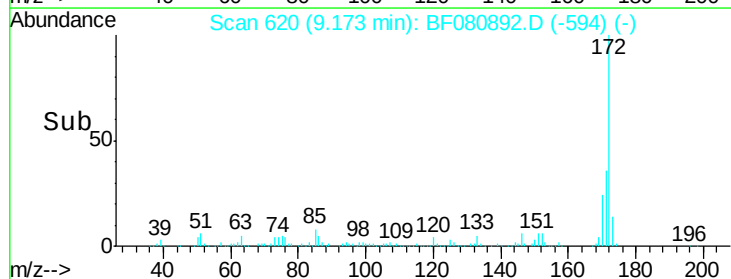
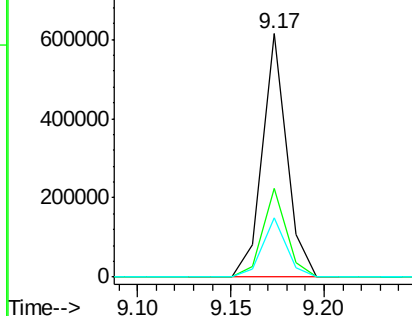


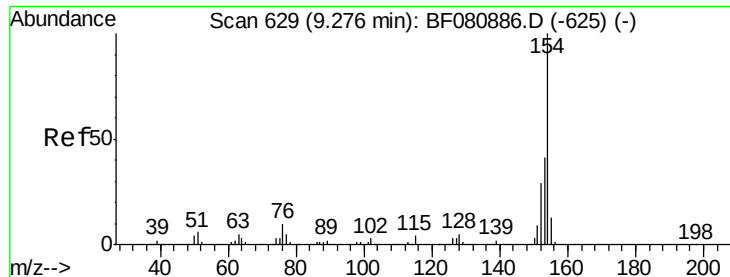
Abundance

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

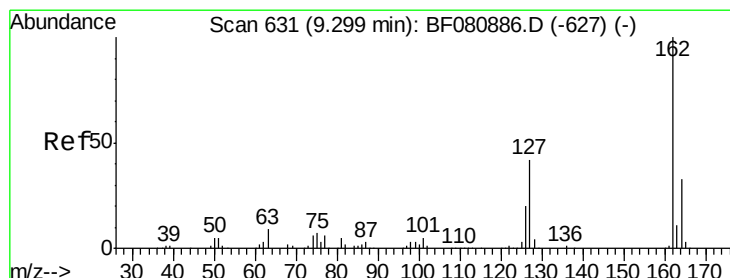
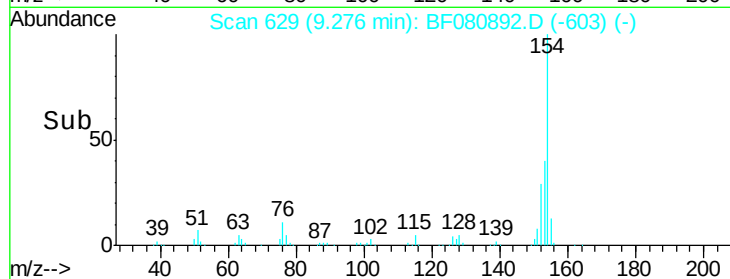
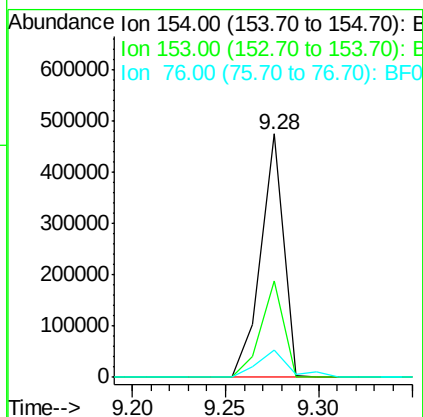
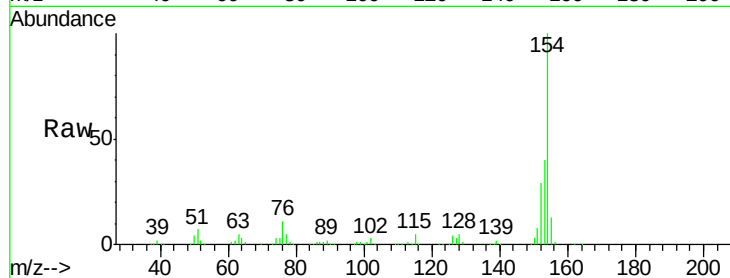




#45
 1,1'-Biphenyl
 Concen: 44.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

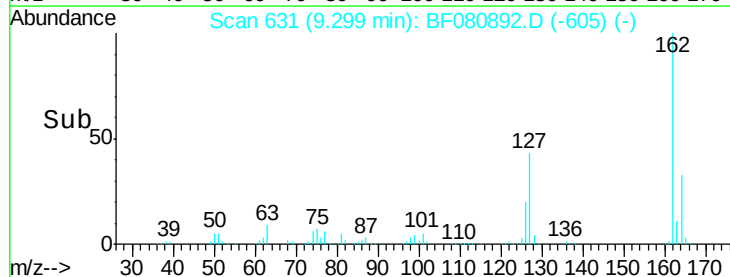
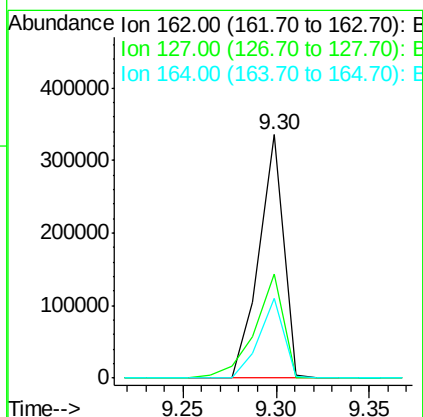
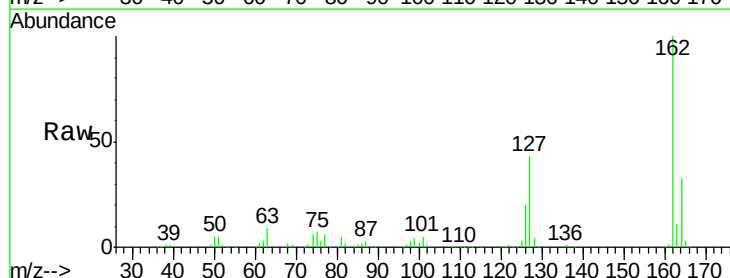
Instrument :
 BNA_F
 ClientSampleId :

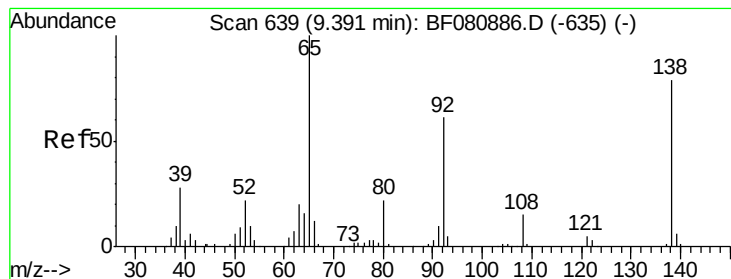
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.8	60.8
76	11.1	0.0	30.3



#46
 2-Chloronaphthalene
 Concen: 43.34 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	33.5	50.3
164	33.0	26.5	39.7





#47

2-Nitroaniline

Concen: 40.76 ng

RT: 9.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

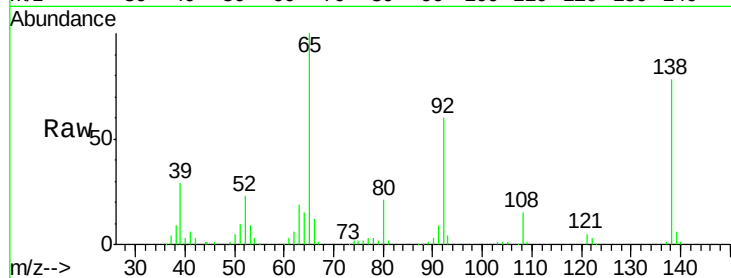
Tot Ion: 65 Resp: 117147

Ion Ratio Lower Upper

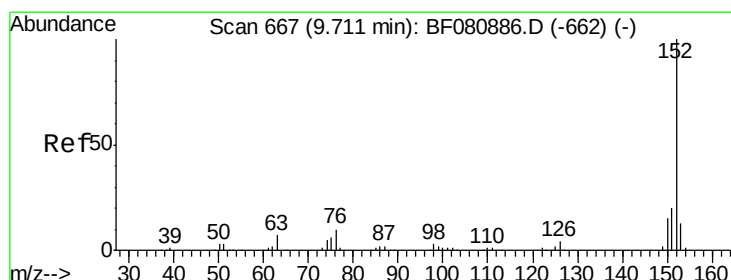
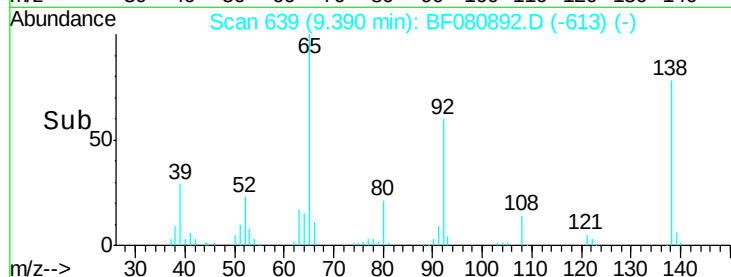
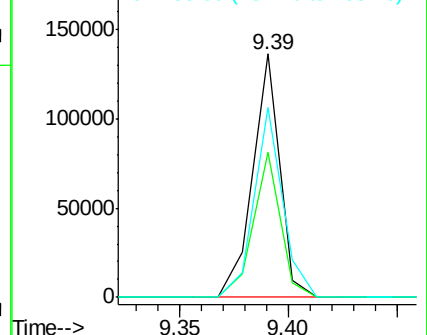
65 100

92 59.8 48.5 72.7

138 77.8 63.3 94.9



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



#48

Acenaphthylene

Concen: 40.48 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

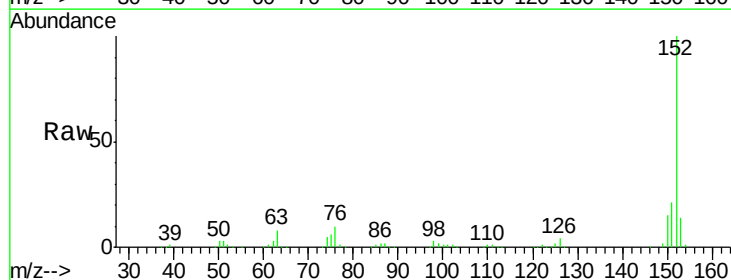
Tgt Ion: 152 Resp: 501661

Ion Ratio Lower Upper

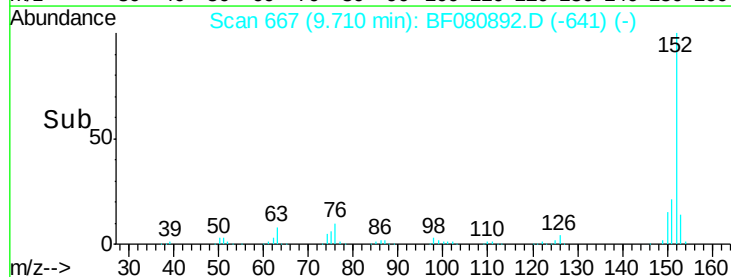
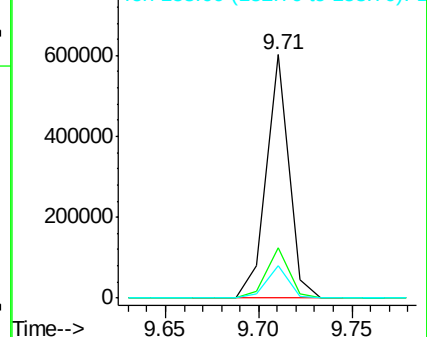
152 100

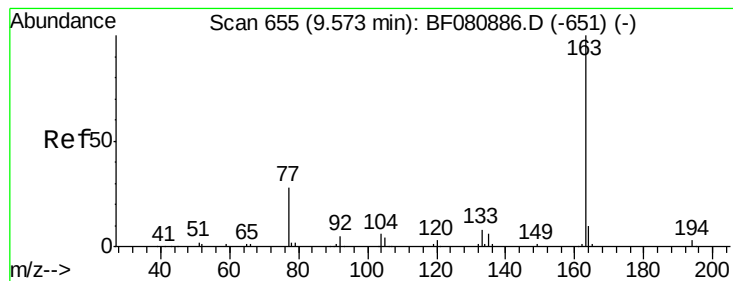
151 20.5 16.4 24.6

153 13.5 10.6 16.0



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





#49

Dimethylphthalate

Concen: 42.50 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

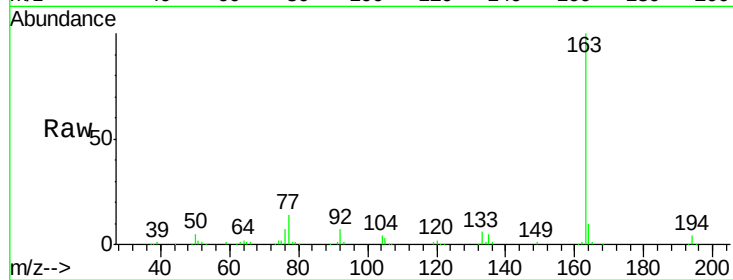
Tot Ion:163 Resp: 360574

Ion Ratio Lower Upper

163 100

194 3.9 2.3 3.5#

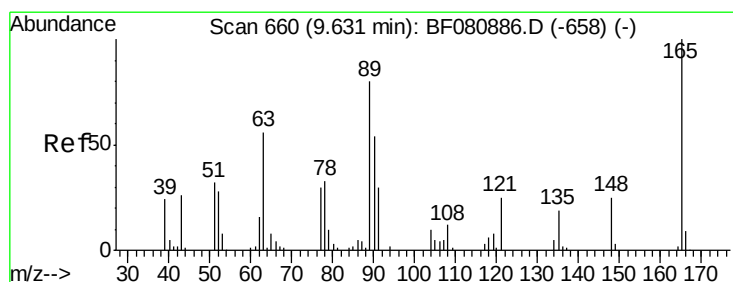
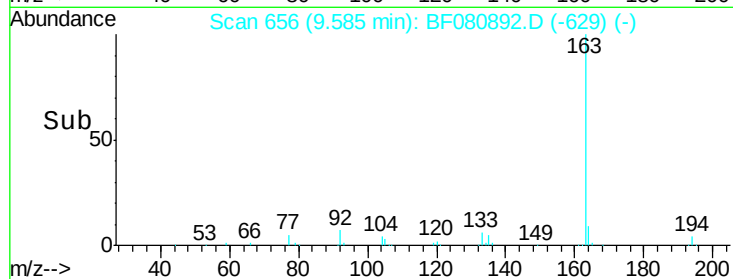
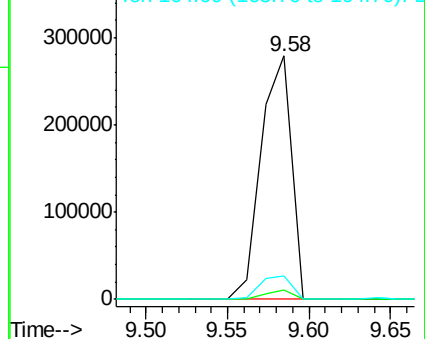
164 9.6 8.3 12.5



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: 44.27 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

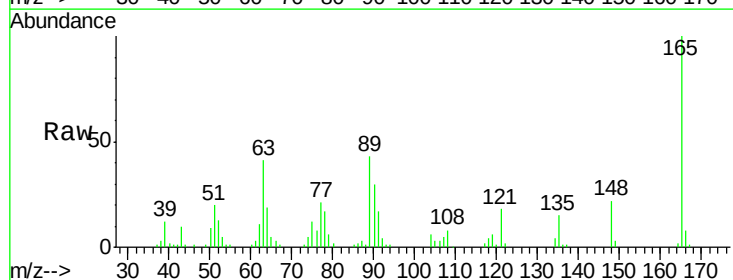
Tgt Ion:165 Resp: 80533

Ion Ratio Lower Upper

165 100

63 40.9 77.6 116.4#

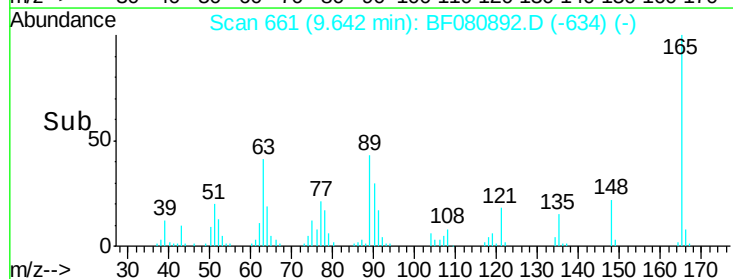
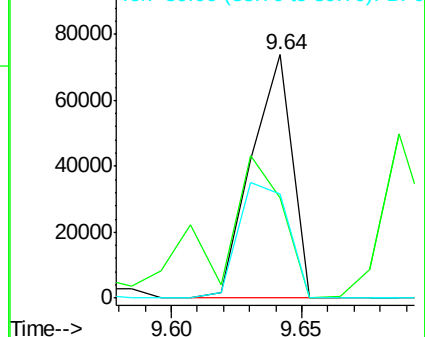
89 42.9 63.7 95.5#

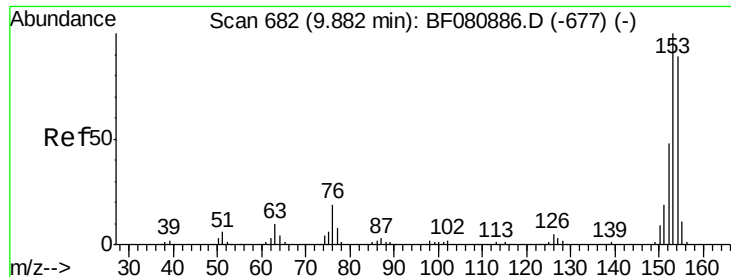


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.34 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

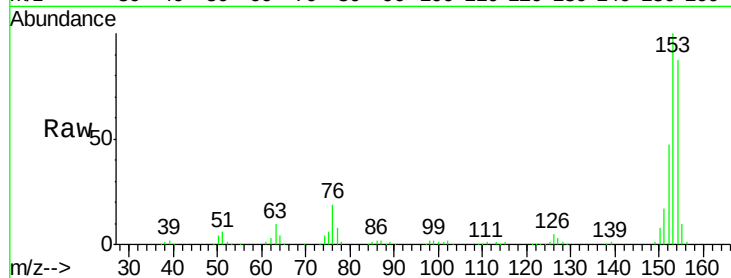
Tot Ion:154 Resp: 303766

Ion Ratio Lower Upper

154 100

153 114.7 90.4 135.6

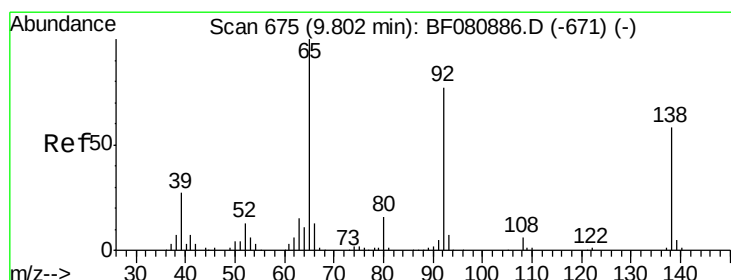
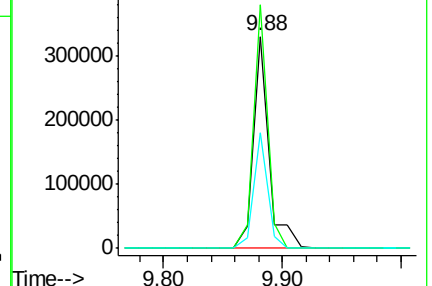
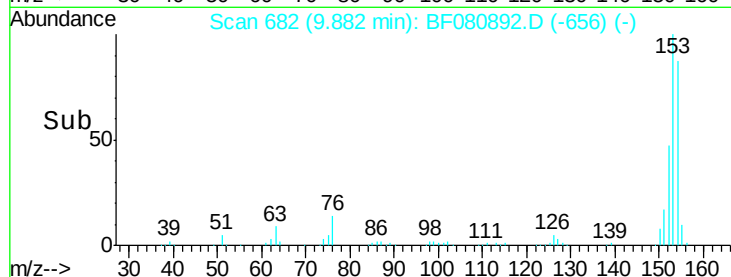
152 54.4 43.6 65.4



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: 36.39 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

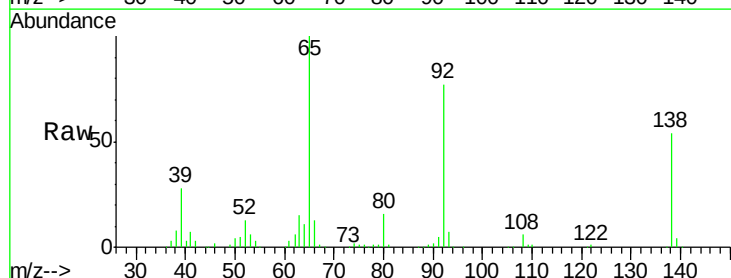
Tgt Ion:138 Resp: 81849

Ion Ratio Lower Upper

138 100

108 11.4 8.9 13.3

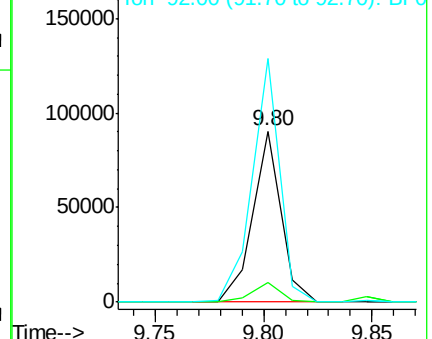
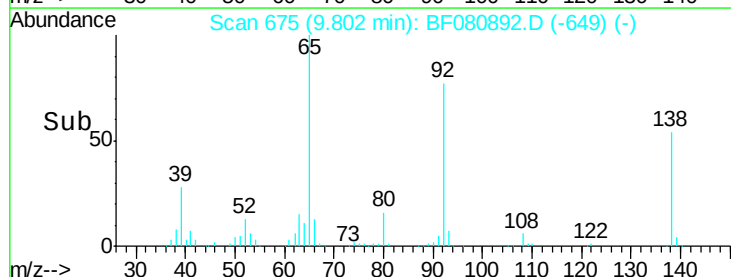
92 142.1 106.2 159.2

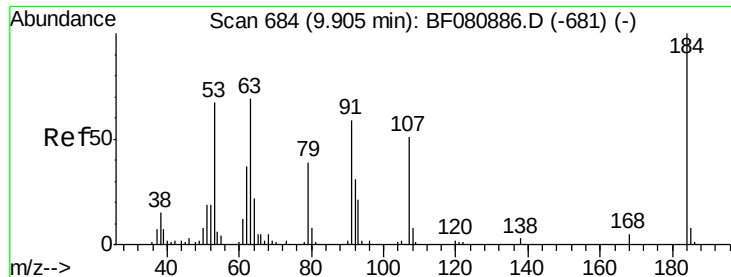


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

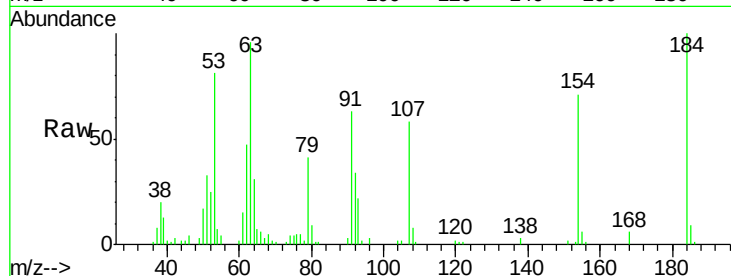




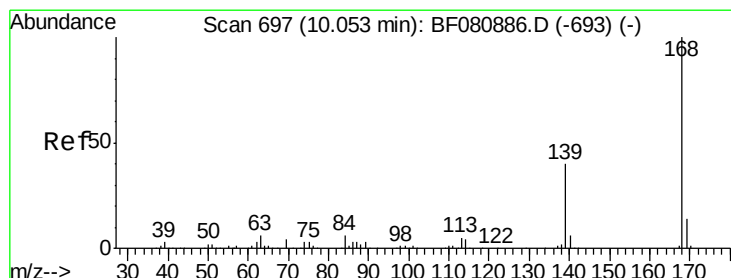
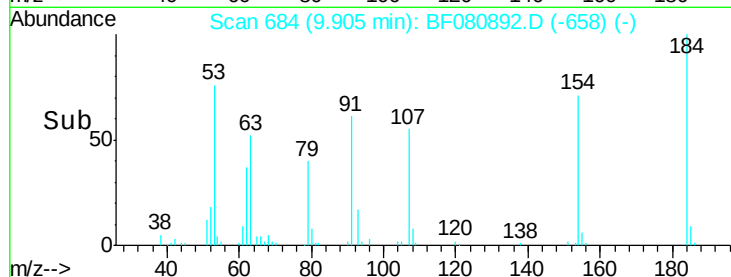
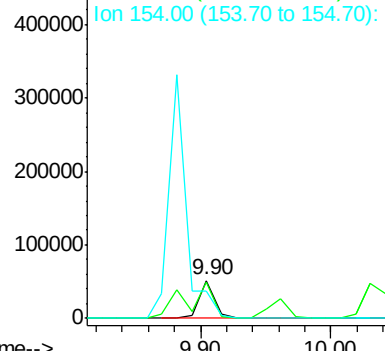
#53
2,4-Dinitrophenol
Concen: 42.89 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 42747
Ion Ratio Lower Upper
184 100
63 96.1 67.6 101.4
154 71.0 54.3 81.5

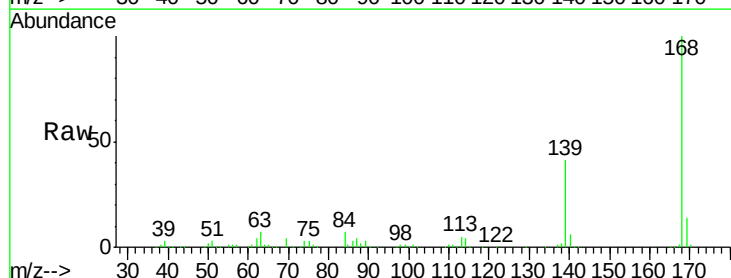


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

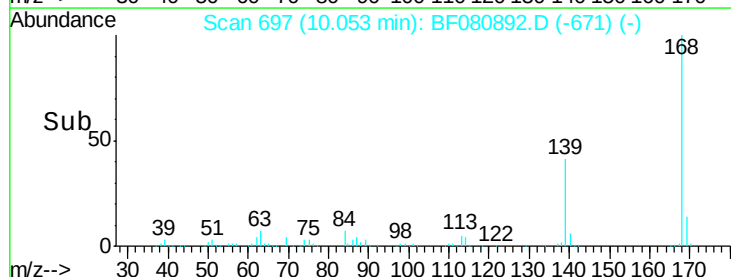
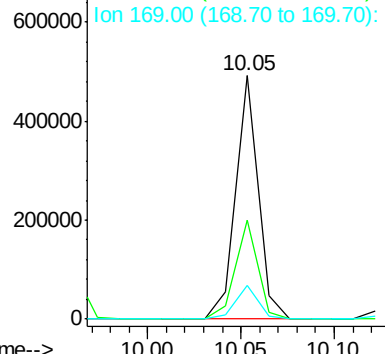


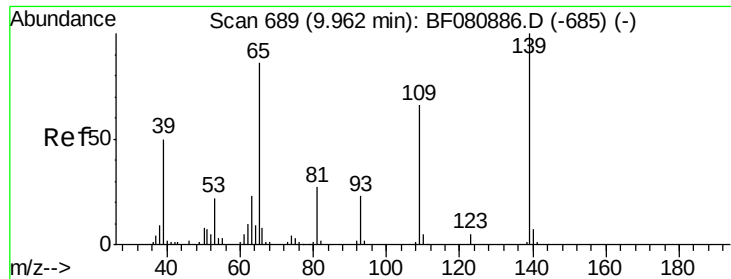
#54
Dibenzofuran
Concen: 40.04 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:168 Resp: 408394
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.8
169 13.7 10.8 16.2



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

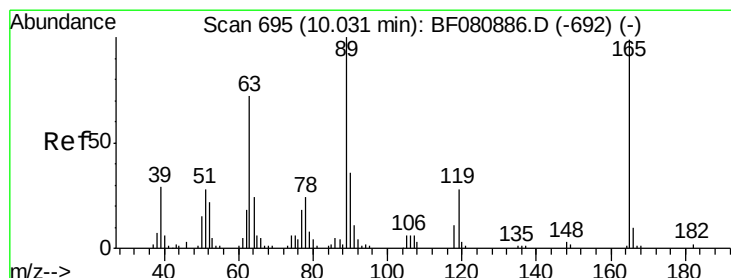
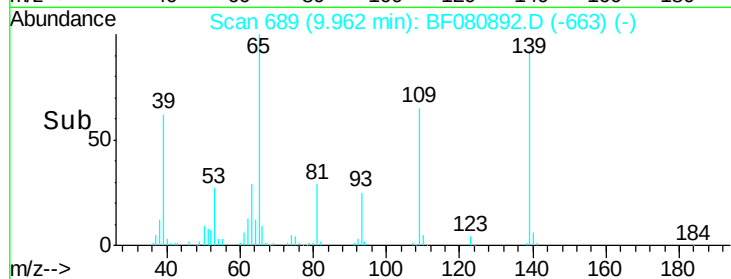
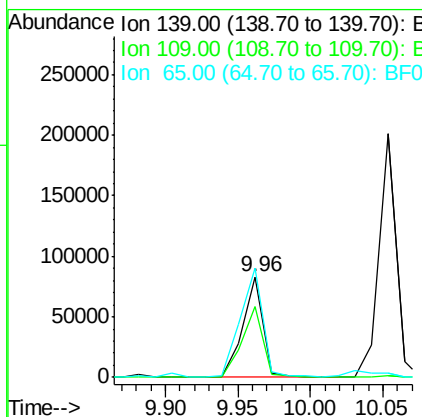
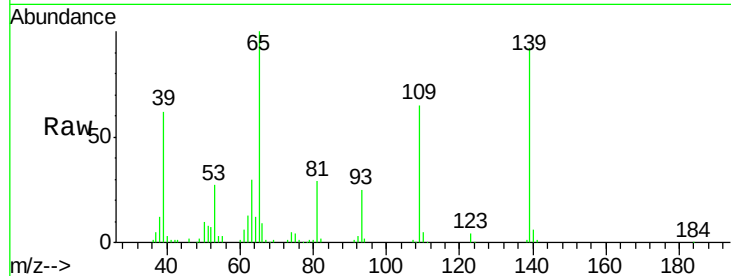




#55
4-Nitrophenol
Concen: 48.03 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

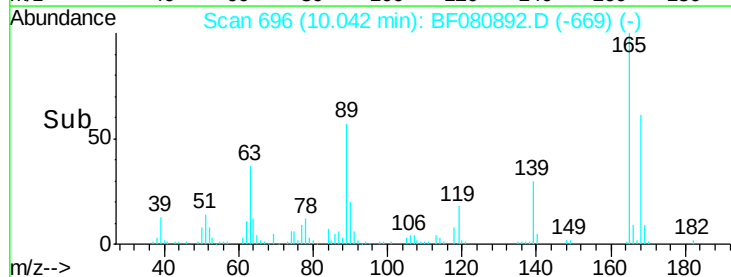
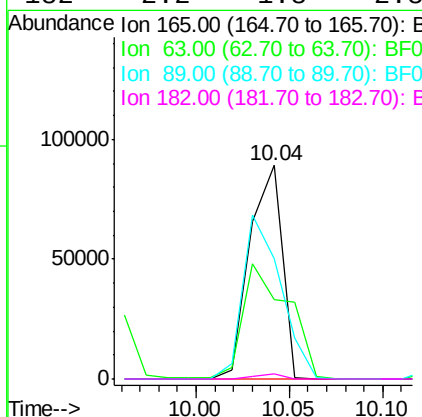
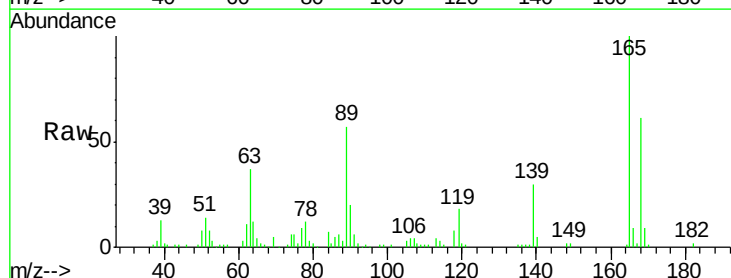
Instrument :
BNA_F
ClientSampleId :

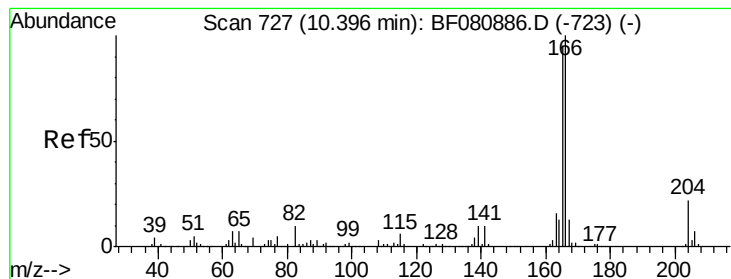
Tot Ion:139 Resp: 81529
Ion Ratio Lower Upper
139 100
109 70.0 46.4 86.4
65 108.3 65.6 105.6#



#56
2,4-Dinitrotoluene
Concen: 44.65 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:165 Resp: 109267
Ion Ratio Lower Upper
165 100
63 37.0 58.6 87.8#
89 56.6 80.7 121.1#
182 2.2 1.8 2.8





#57

Fluorene

Concen: 42.46 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

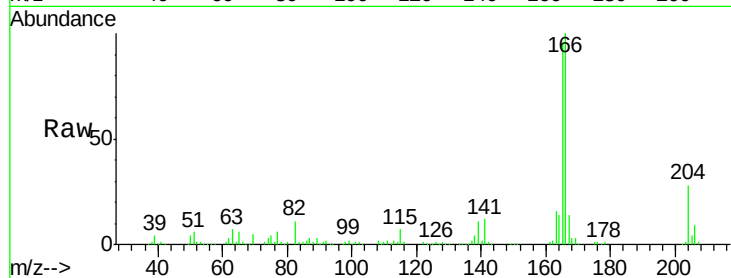
Tot Ion:166 Resp: 338888

Ion Ratio Lower Upper

166 100

165 96.3 75.9 113.9

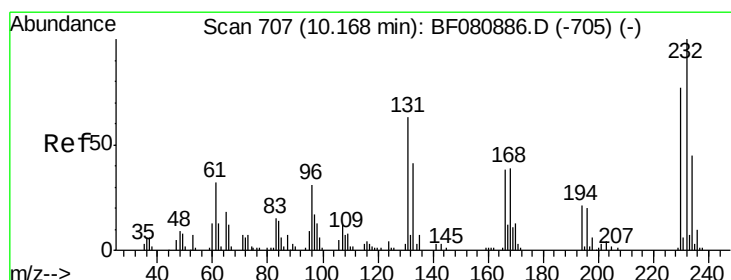
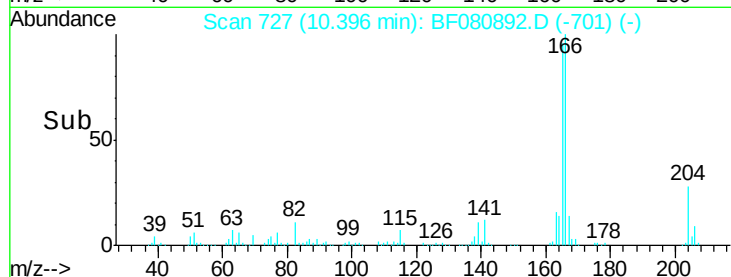
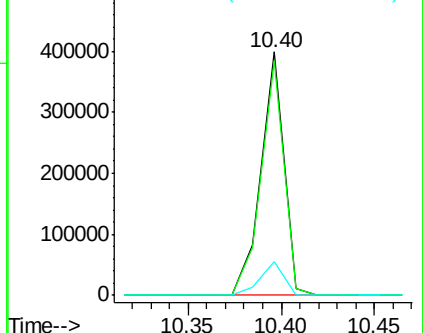
167 13.9 10.8 16.2



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: 37.75 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:232 Resp: 73325

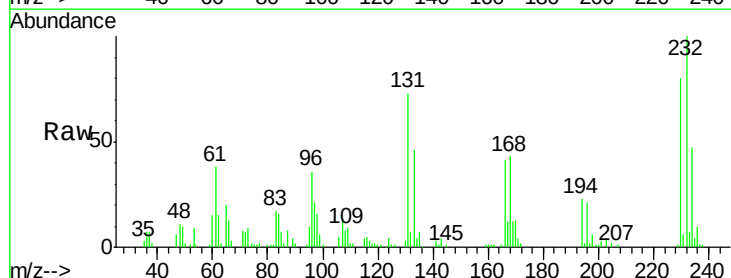
Ion Ratio Lower Upper

232 100

131 59.1 44.9 67.3

130 2.6 1.9 2.9

166 34.7 27.2 40.8

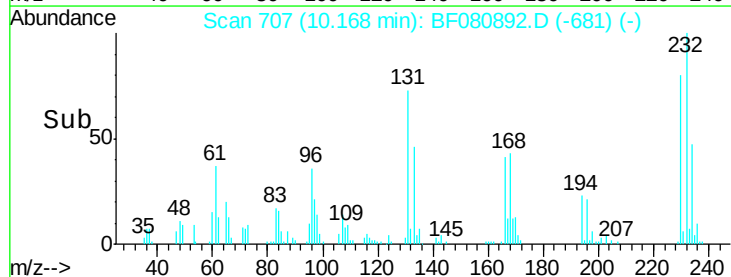
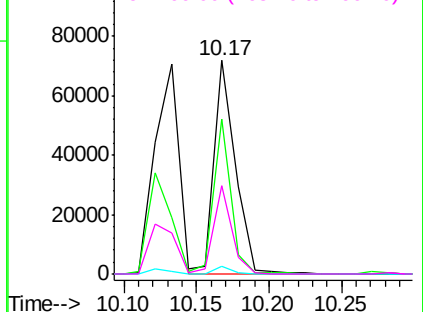


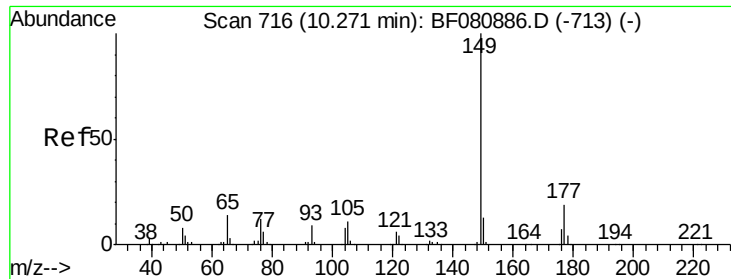
Abundance Ion 232.00 (231.70 to 232.70): E

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

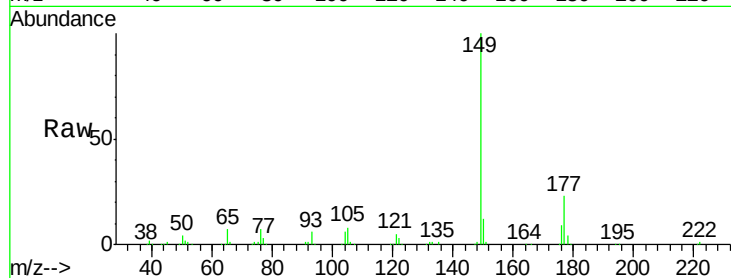




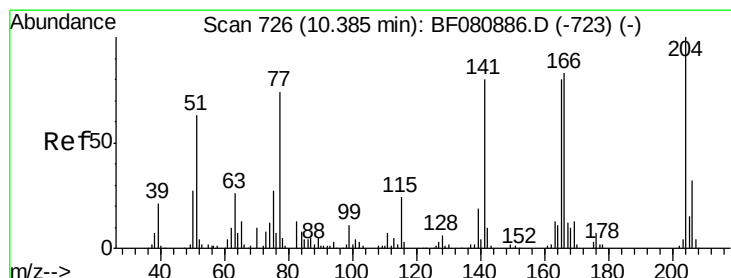
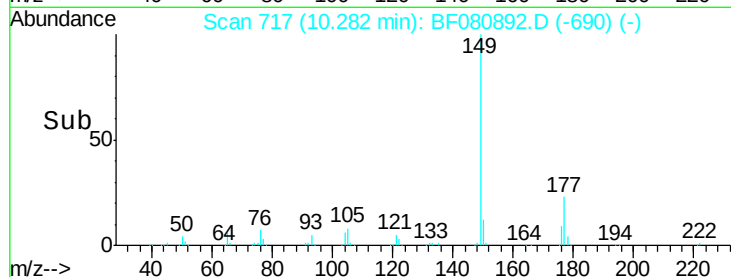
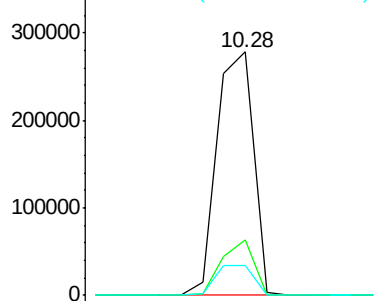
#59
Diethylphthalate
Concen: 40.84 ng
RT: 10.28 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 377403
Ion Ratio Lower Upper
149 100
177 22.9 14.9 22.3#
150 12.0 10.1 15.1

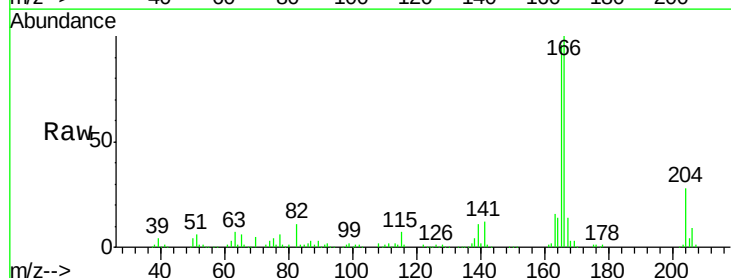


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

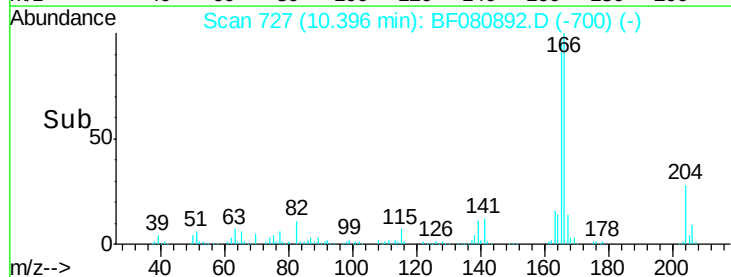
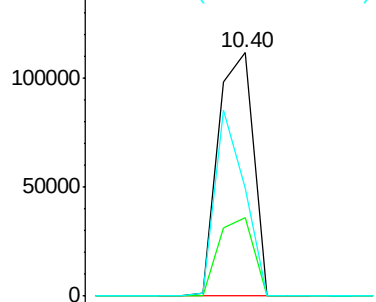


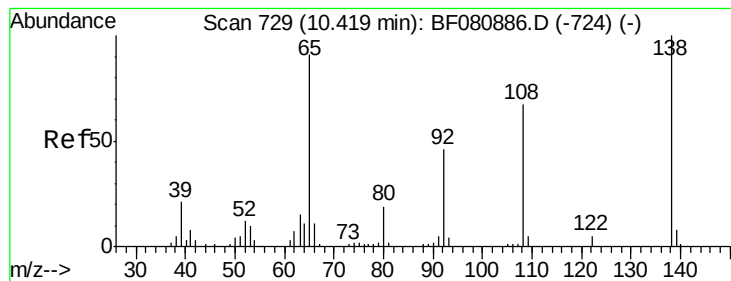
#60
4-Chlorophenyl-phenylether
Concen: 38.80 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:204 Resp: 145126
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 44.6 63.8 95.6#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.89 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampled :

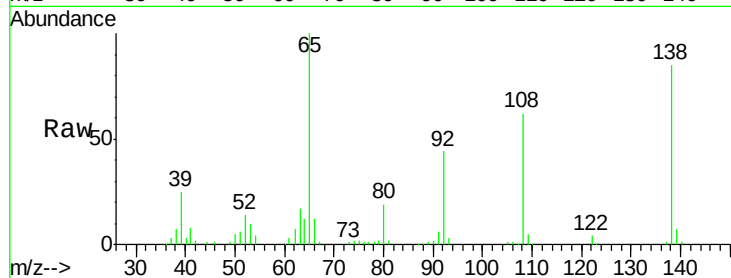
Tot Ion:138 Resp: 108184

Ion Ratio Lower Upper

138 100

92 51.2 25.6 65.6

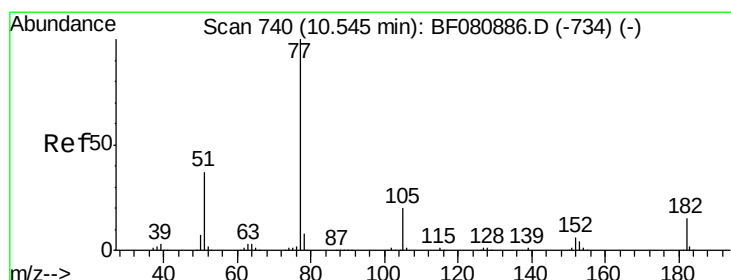
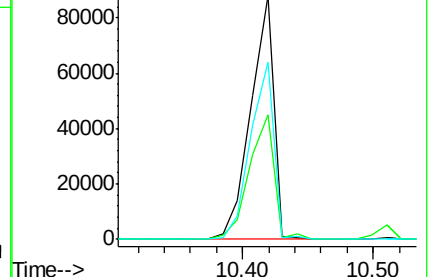
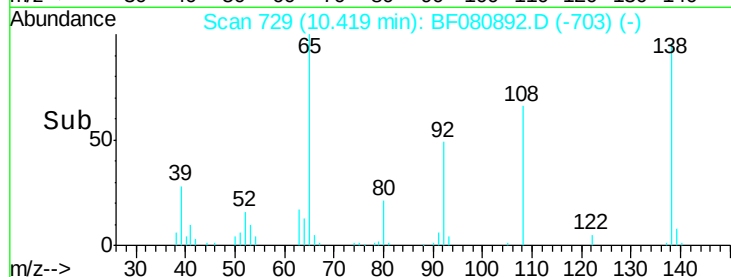
108 72.6 46.9 86.9



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: 40.43 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion: 77 Resp: 409468

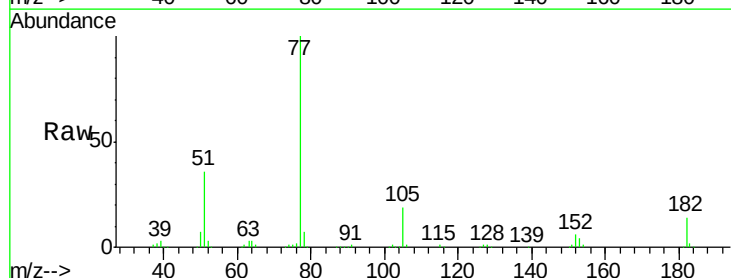
Ion Ratio Lower Upper

77 100

182 13.6 0.0 34.5

105 19.5 0.2 40.2

51 35.7 16.7 56.7

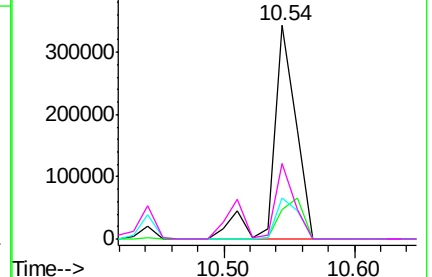
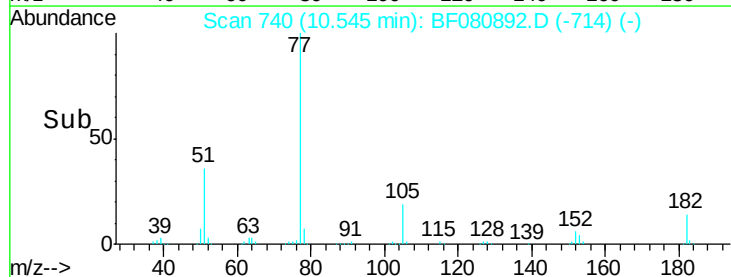


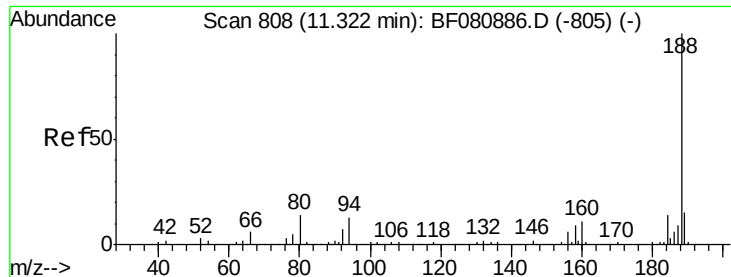
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

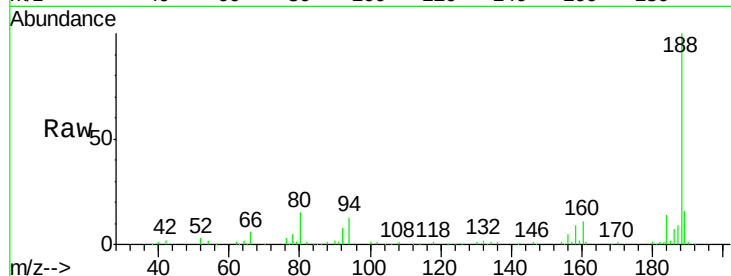




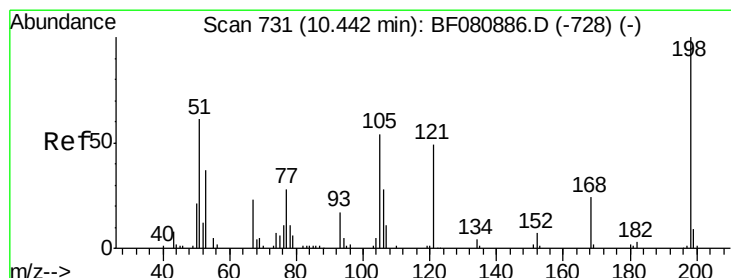
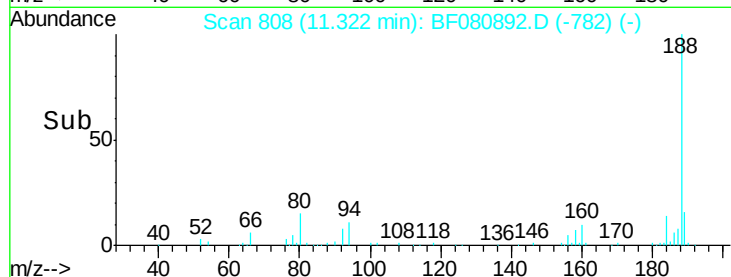
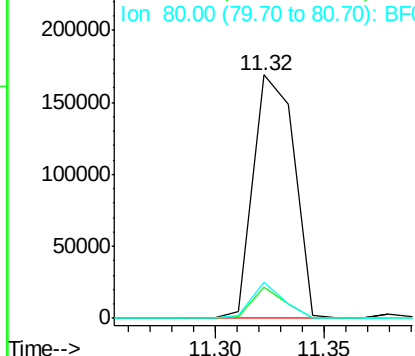
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:188 Resp: 222966
 Ion Ratio Lower Upper
 188 100
 94 12.6 10.2 15.2
 80 14.8 11.4 17.2

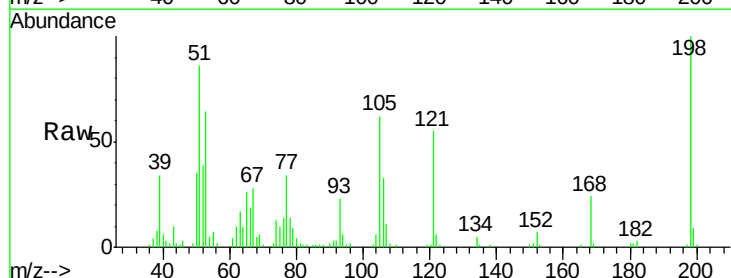


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

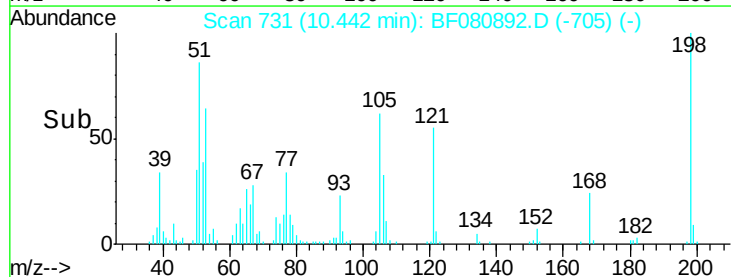
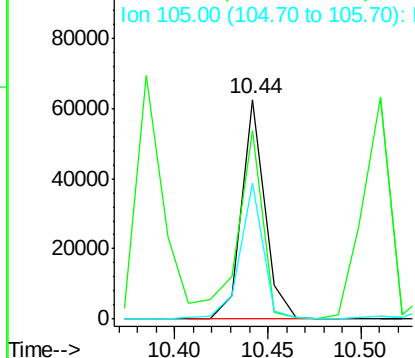


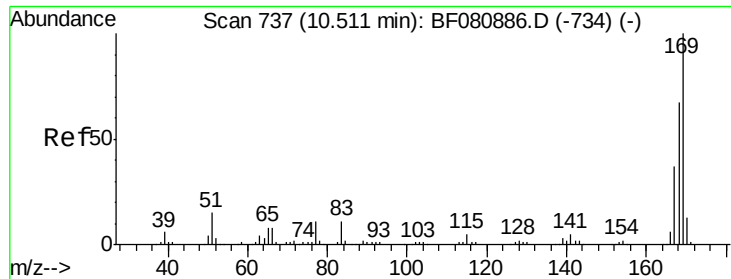
#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.49 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:198 Resp: 54454
 Ion Ratio Lower Upper
 198 100
 51 86.1 47.9 87.9
 105 61.9 35.0 75.0



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

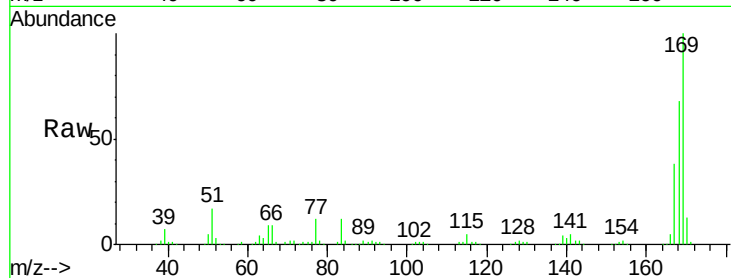




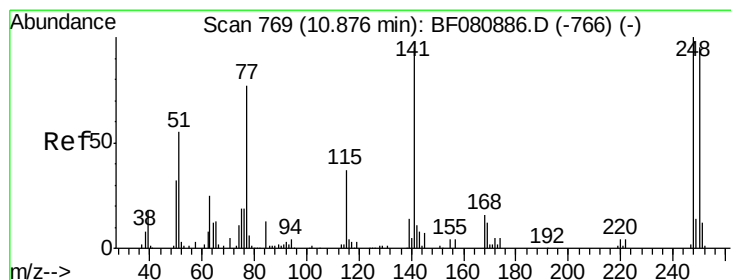
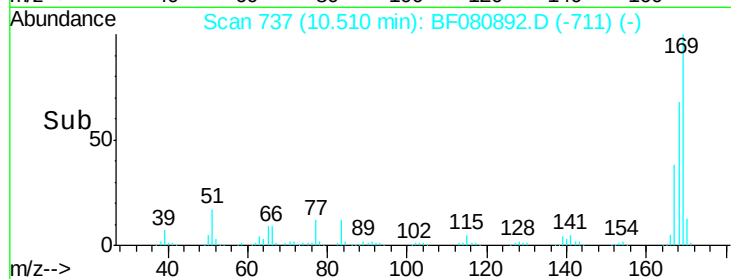
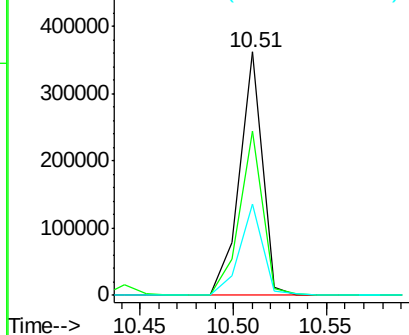
#65
 n-Nitrosodiphenylamine
 Concen: 39.21 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 311449
 Ion Ratio Lower Upper
 169 100
 168 67.7 54.0 81.0
 167 37.6 29.8 44.8

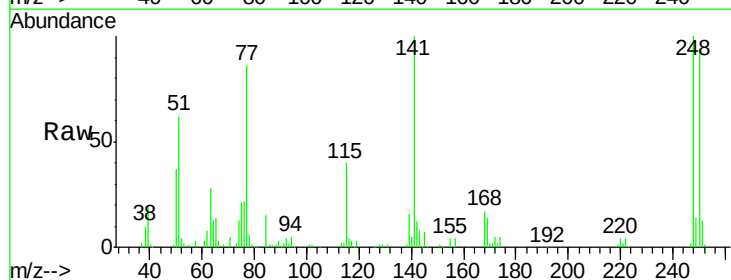


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

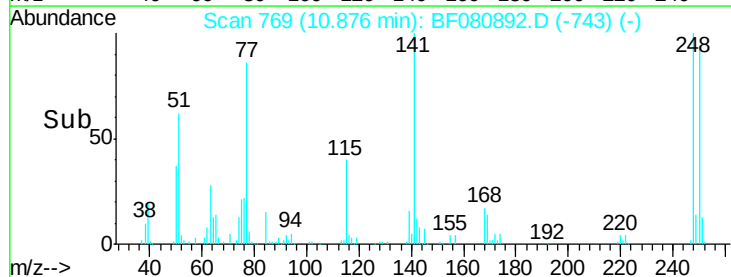
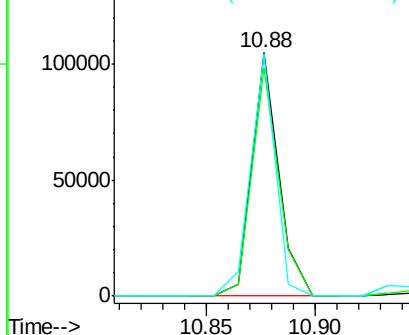


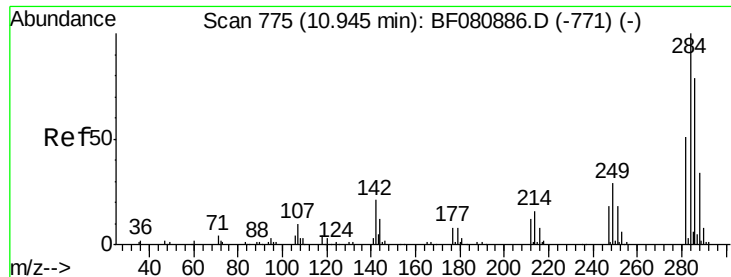
#66
 4-Bromophenyl-phenylether
 Concen: 36.90 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:248 Resp: 89418
 Ion Ratio Lower Upper
 248 100
 250 93.9 75.9 113.9
 141 99.7 75.8 113.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

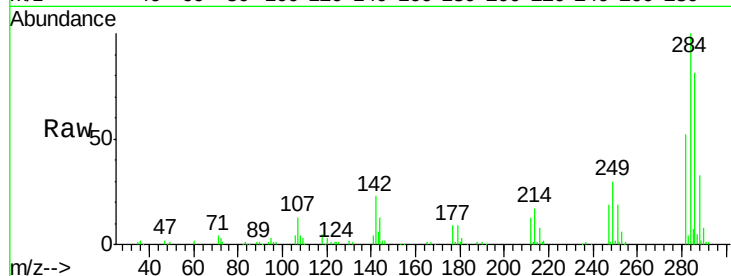




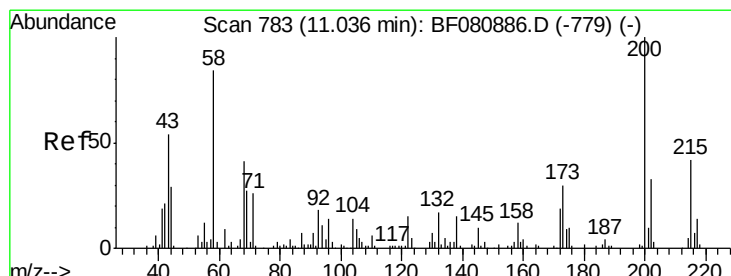
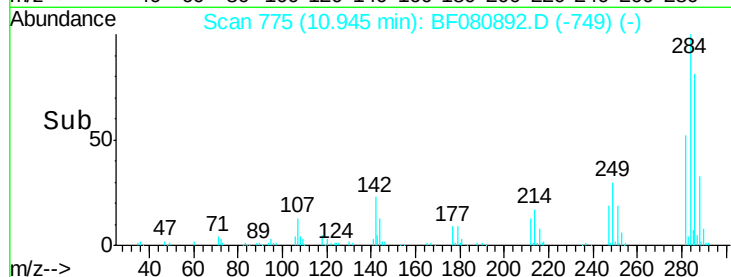
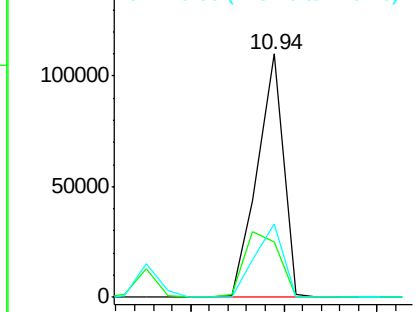
#67
Hexachlorobenzene
Concen: 40.70 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.6	16.4	24.6
249	30.4	23.1	34.7

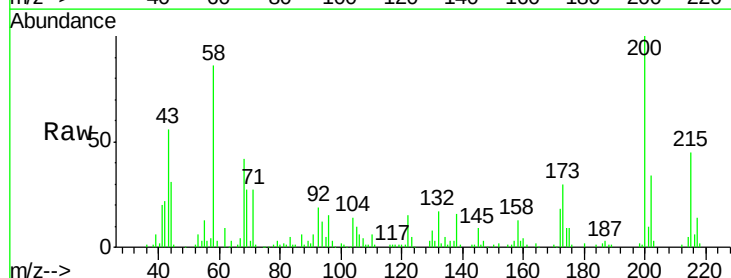


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

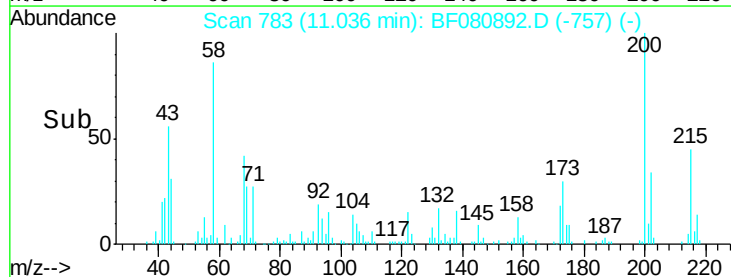
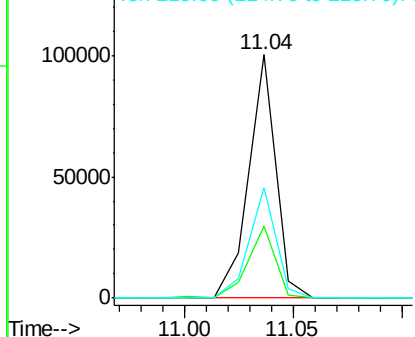


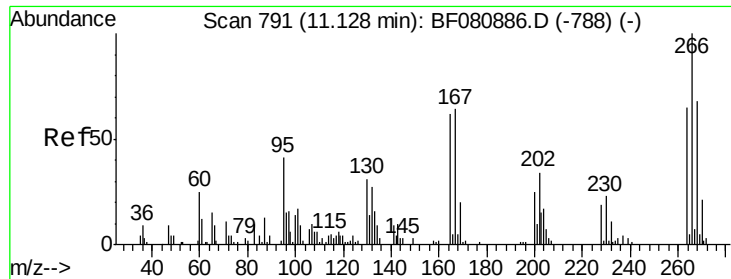
#68
Atrazine
Concen: 37.75 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	10.0	50.0
215	45.2	22.3	62.3



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

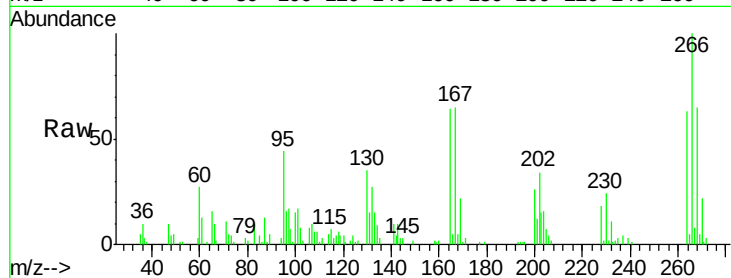




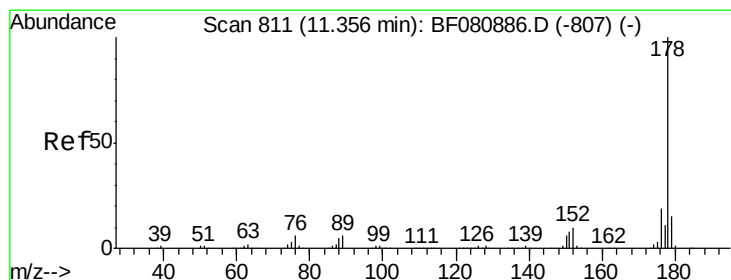
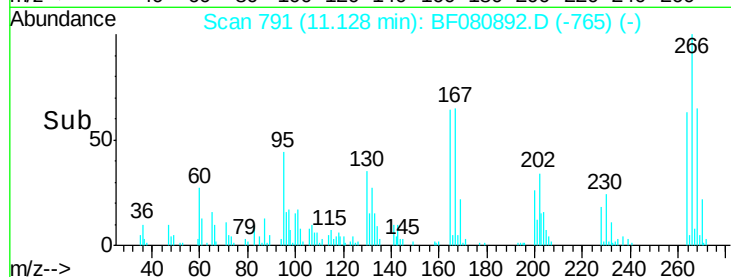
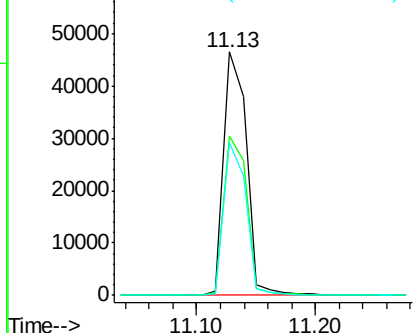
#69
 Pentachlorophenol
 Concen: 41.83 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 61440
 Ion Ratio Lower Upper
 266 100
 268 65.2 54.1 81.1
 264 62.5 51.6 77.4

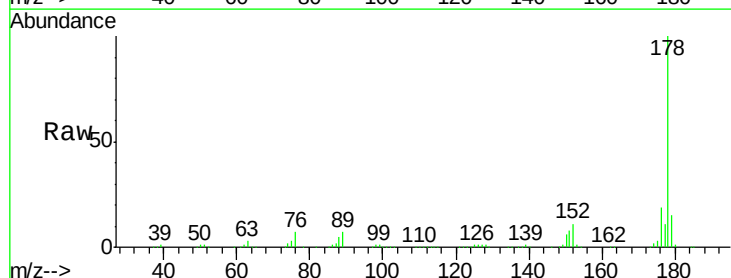


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

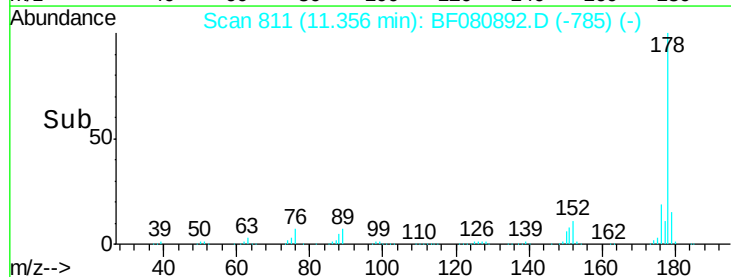
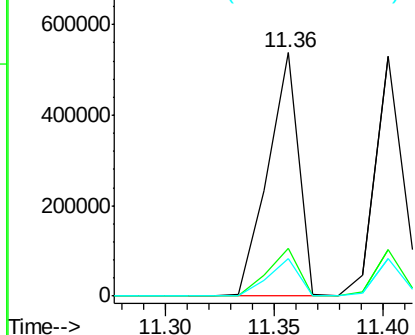


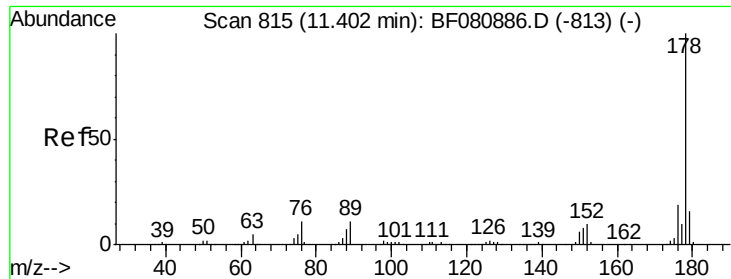
#70
 Phenanthrene
 Concen: 40.96 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:178 Resp: 534510
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.3 12.0 18.0



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

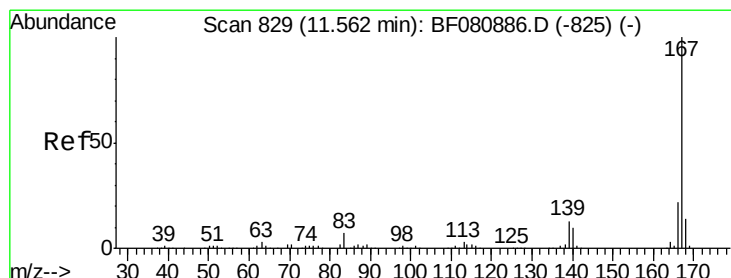
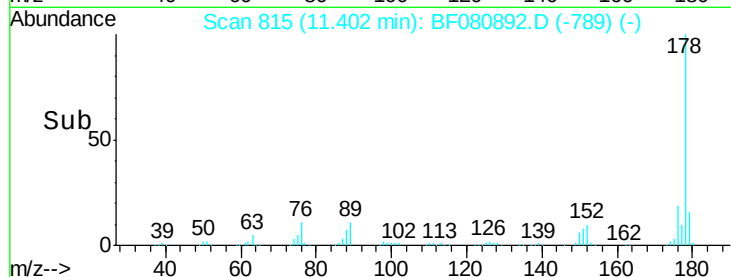
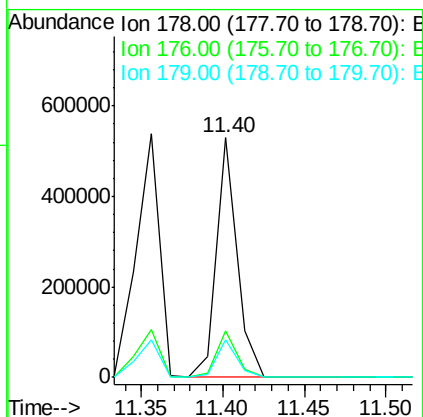
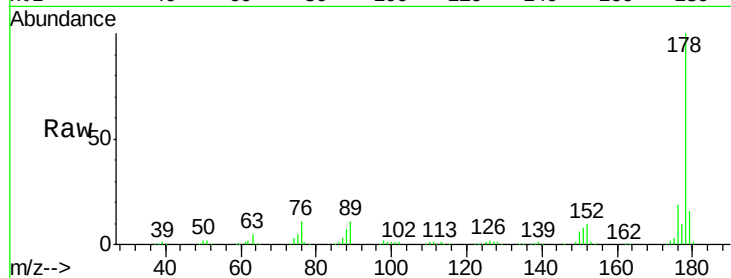




#71
 Anthracene
 Concen: 36.24 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

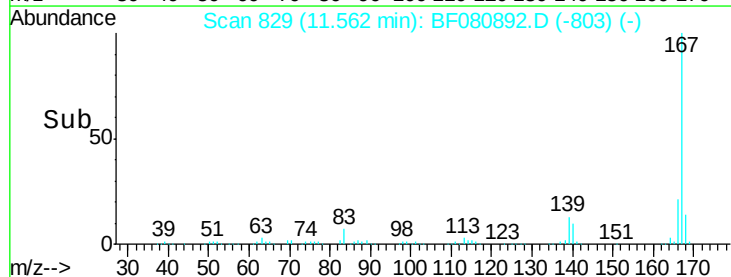
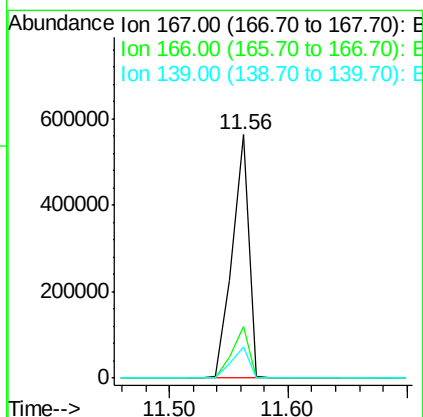
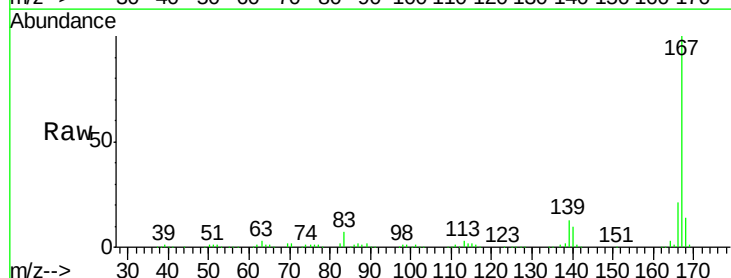
Instrument :
 BNA_F
 ClientSampleId :

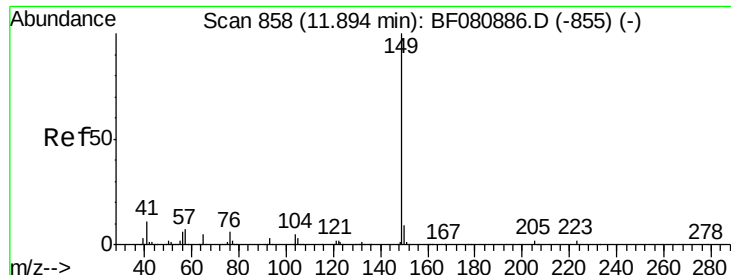
Tot Ion:178 Resp: 465445
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 42.42 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:167 Resp: 550240
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.9 10.2 15.2





#73

Di-n-butylphthalate

Concen: 36.66 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

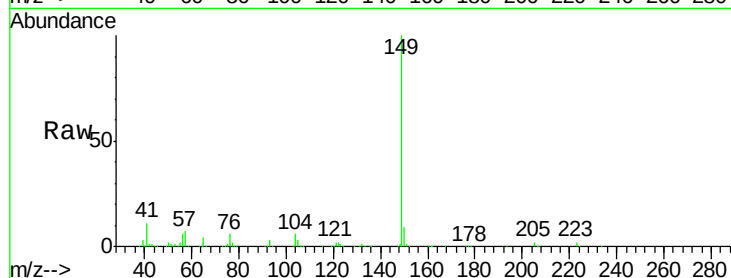
Tot Ion:149 Resp: 579686

Ion Ratio Lower Upper

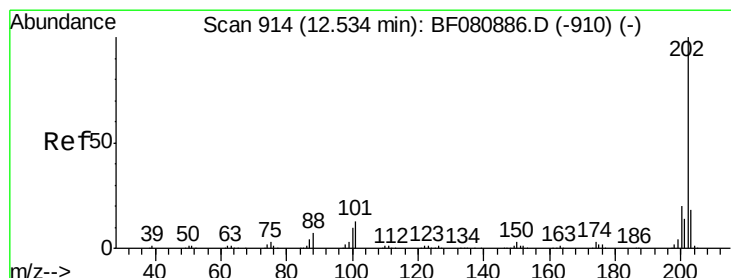
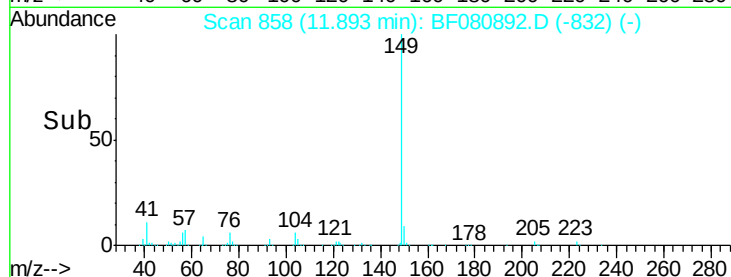
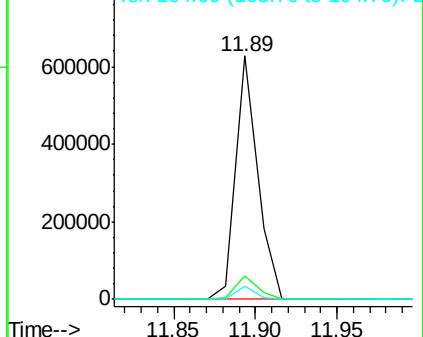
149 100

150 9.5 7.6 11.4

104 5.6 4.3 6.5



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: 36.19 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

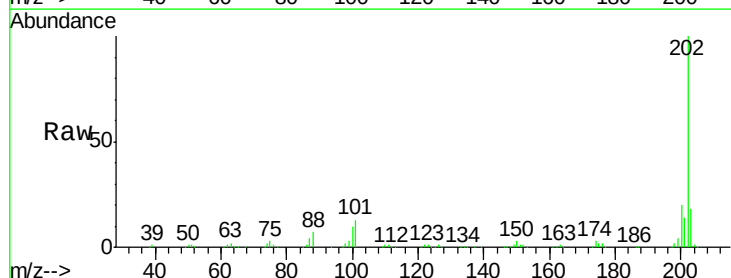
Tgt Ion:202 Resp: 516308

Ion Ratio Lower Upper

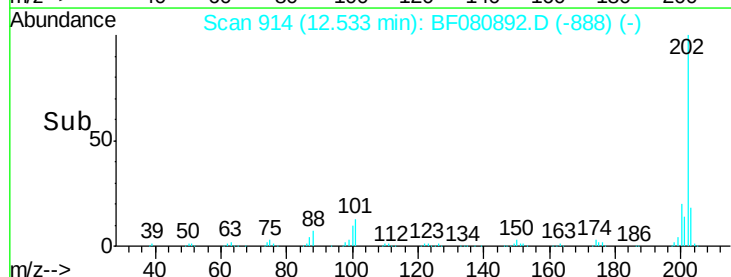
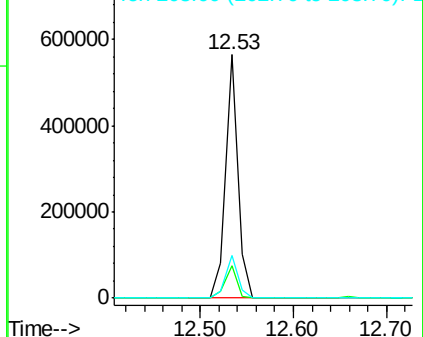
202 100

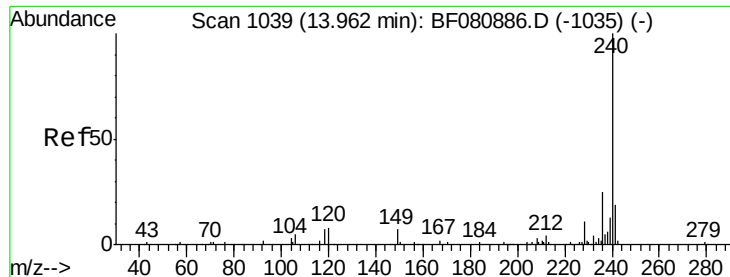
101 13.1 0.0 32.7

203 17.8 0.0 37.6



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

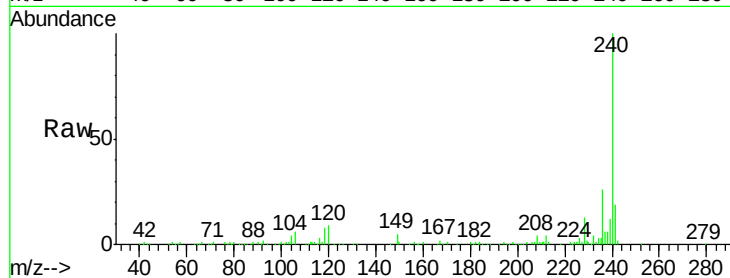
Tot Ion:240 Resp: 205981

Ion Ratio Lower Upper

240 100

120 8.6 6.4 9.6

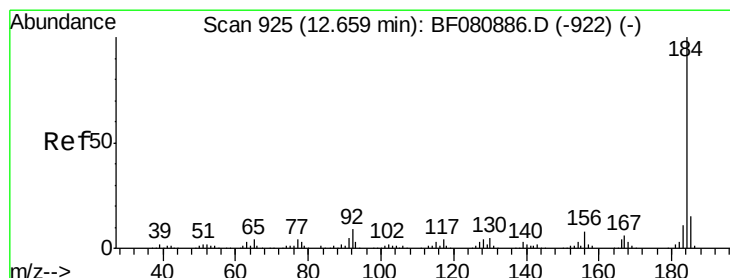
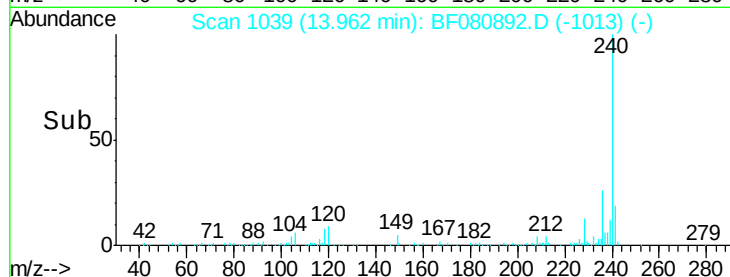
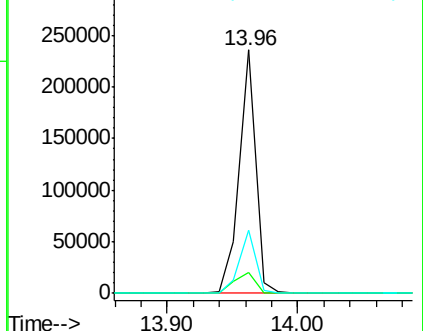
236 25.7 20.2 30.4



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: 39.15 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

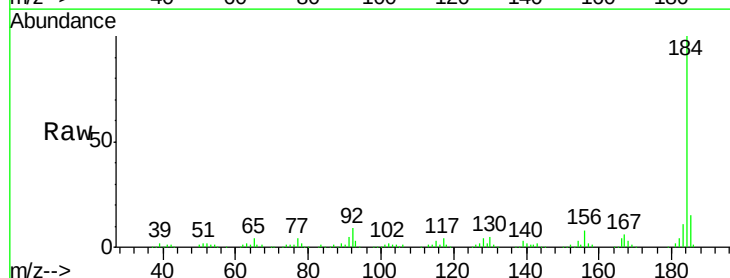
Tgt Ion:184 Resp: 329428

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

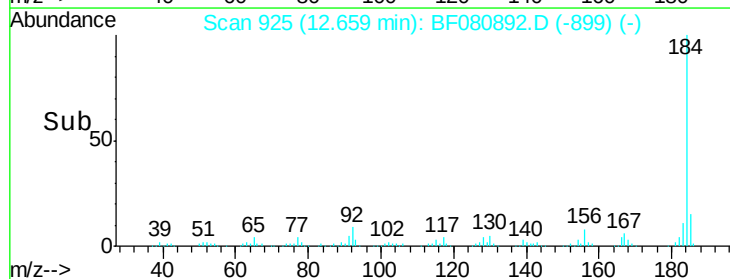
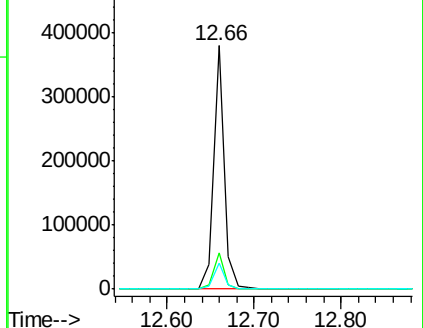
183 10.7 8.9 13.3

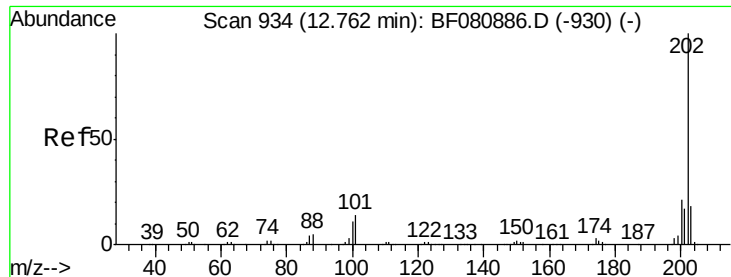


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.72 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

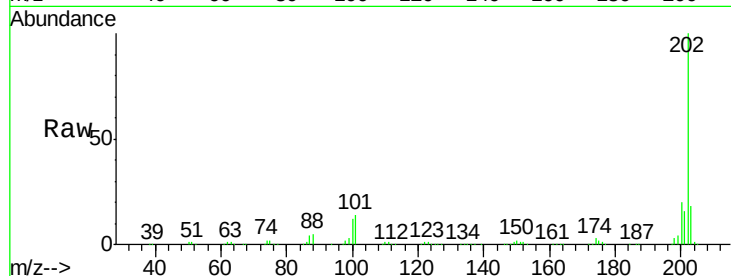
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 546837

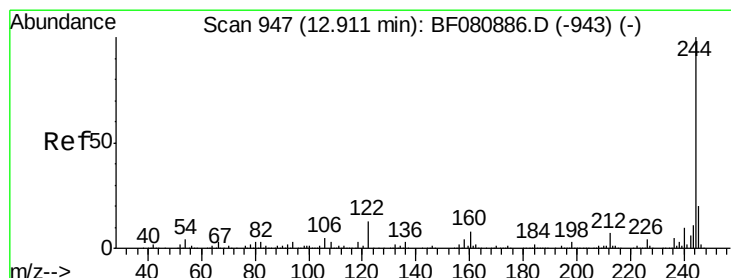
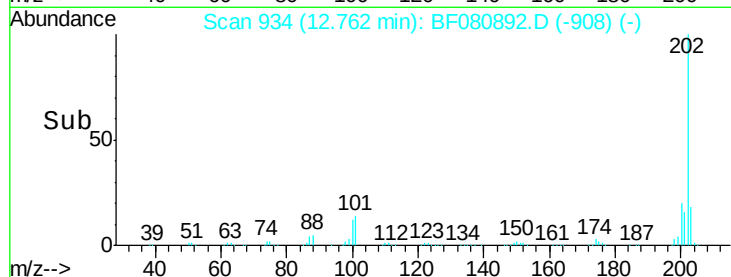
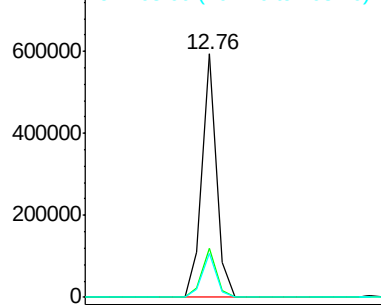
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.8	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.50 ng

RT: 12.91 min Scan# 947

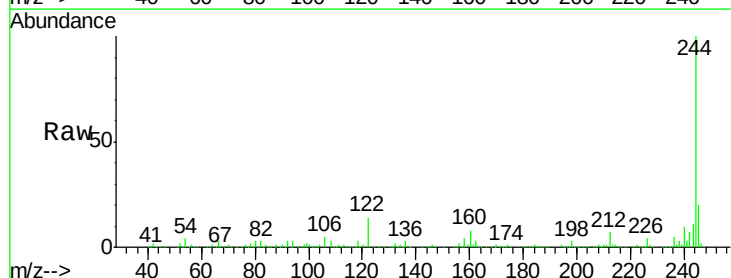
Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:244 Resp: 669293

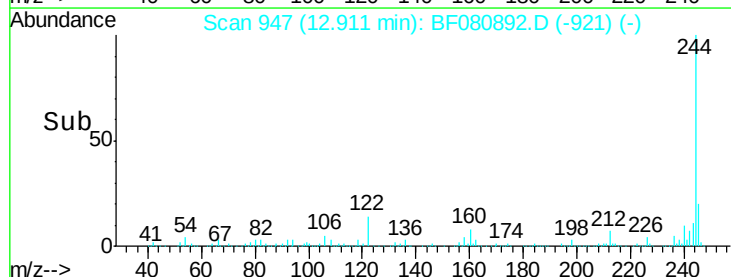
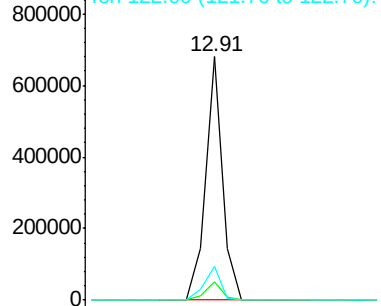
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	14.0	10.6	16.0

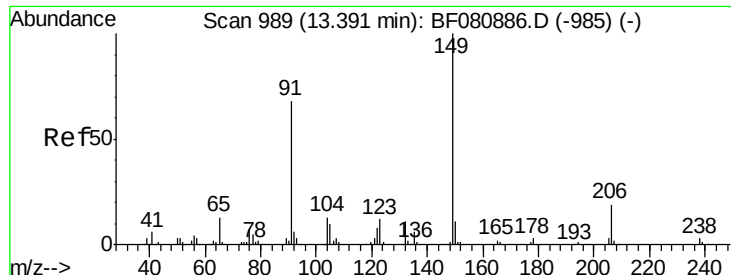


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

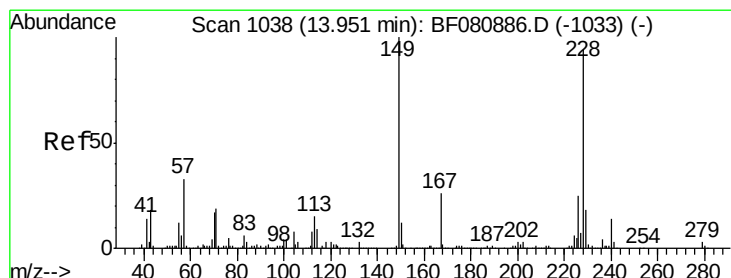
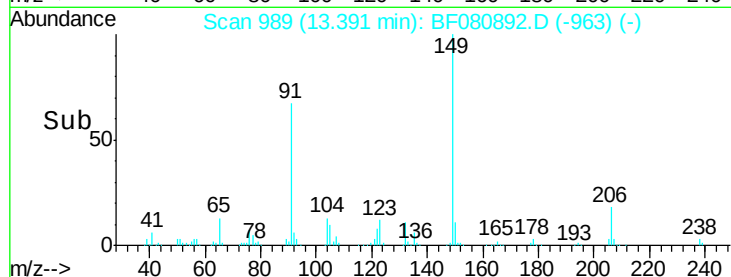
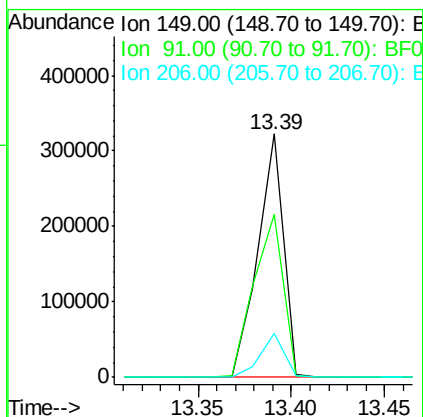
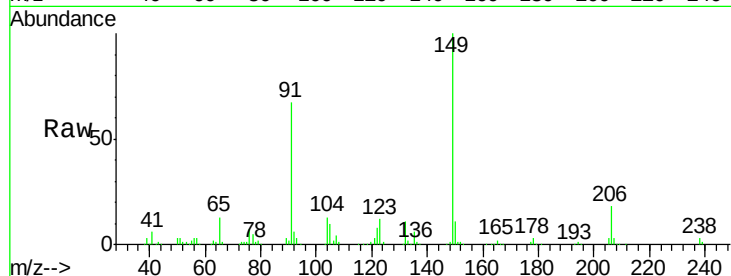




#79
Butylbenzylphthalate
Concen: 41.68 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

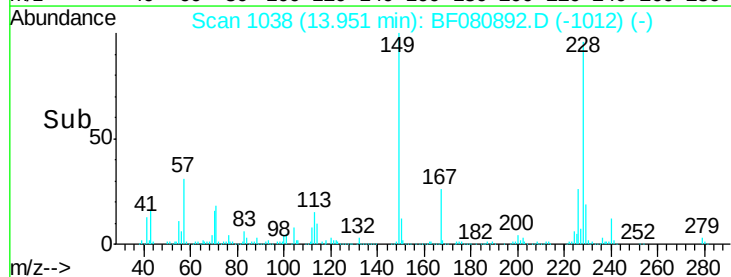
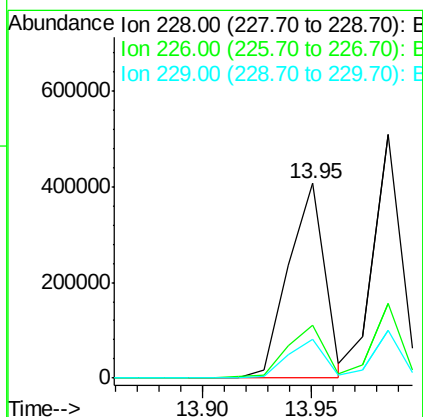
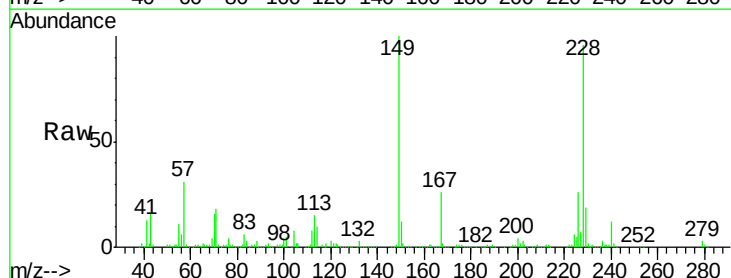
Instrument :
BNA_F
ClientSampleId :

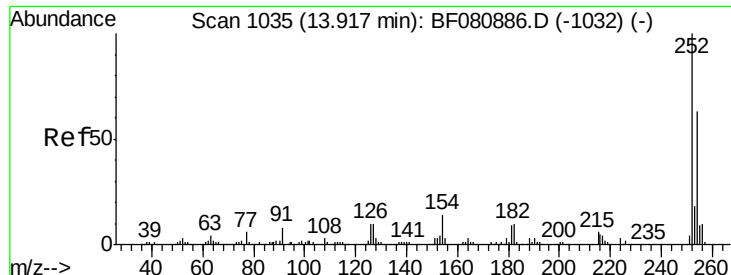
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	54.0	81.0
206	18.3	15.1	22.7



#80
Benzo(a)anthracene
Concen: 35.19 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.4	32.2
229	19.7	14.9	22.3

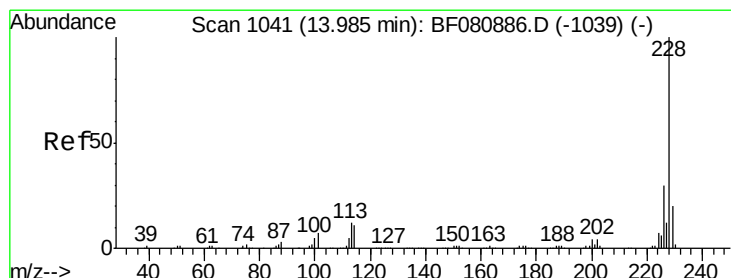
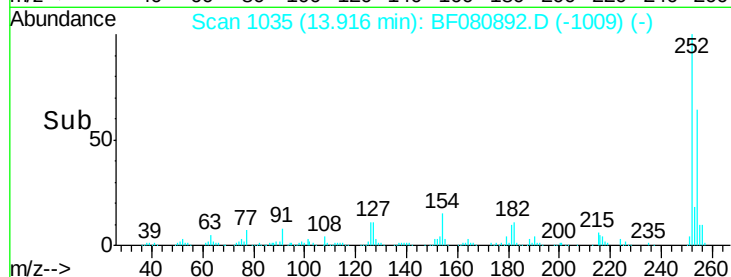
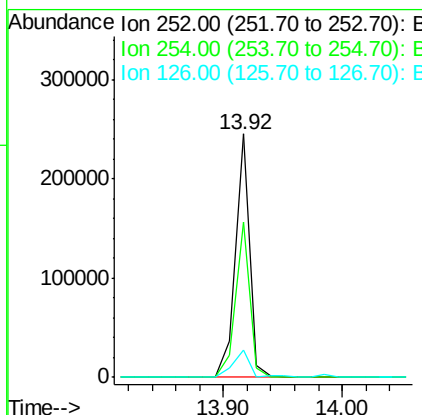
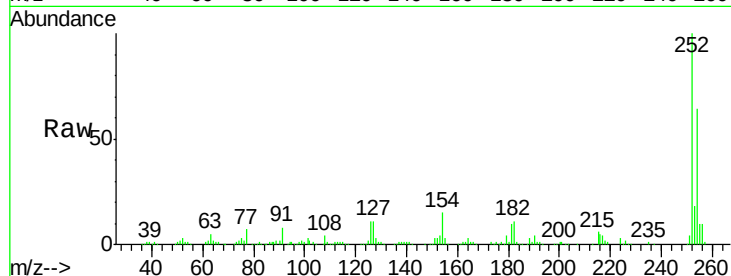




#81
 3,3'-Dichlorobenzidine
 Concen: 40.49 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

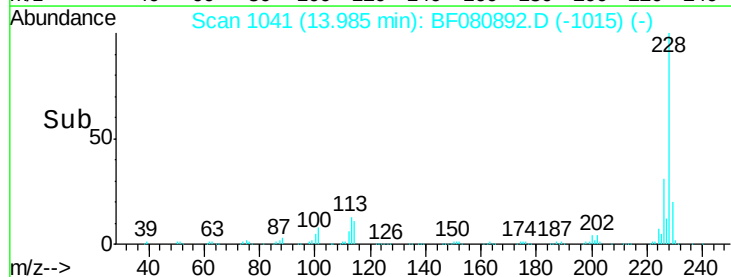
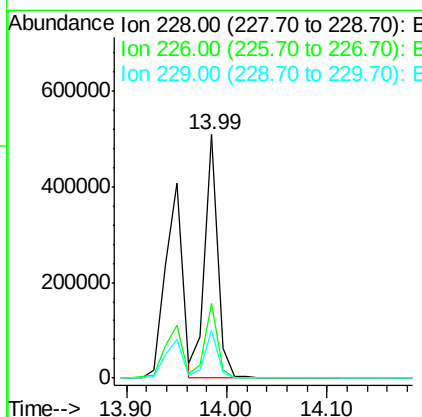
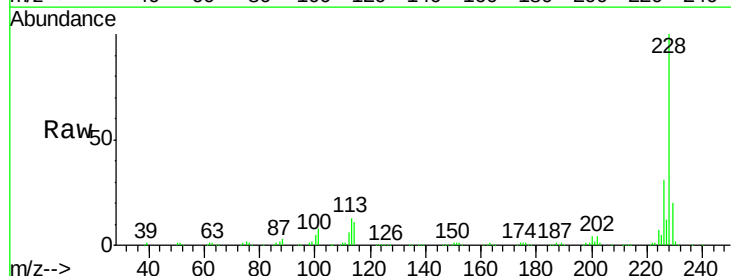
Instrument :
 BNA_F
 ClientSampleId :

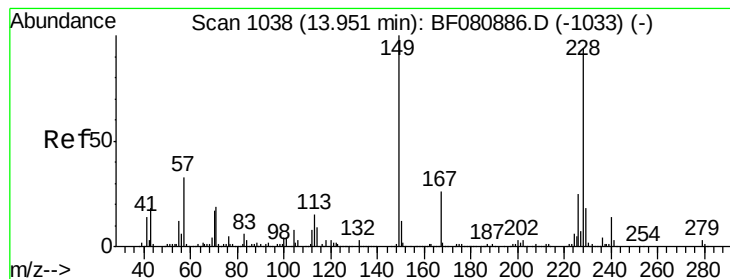
Tot Ion:252 Resp: 203990
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.0 75.0
 126 11.3 8.1 12.1



#82
 Chrysene
 Concen: 35.70 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Tgt Ion:228 Resp: 459239
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 19.8 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.75 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Instrument :

BNA_F

ClientSampleId :

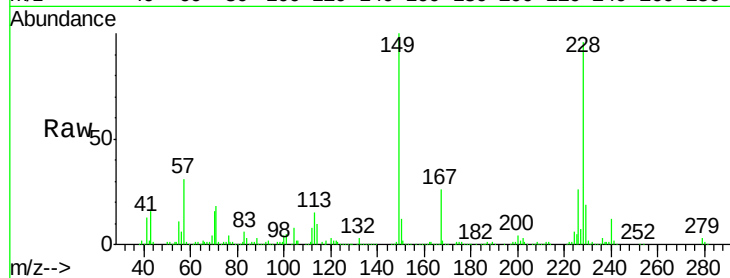
Tot Ion:149 Resp: 388919

Ion Ratio Lower Upper

149 100

167 26.4 20.6 31.0

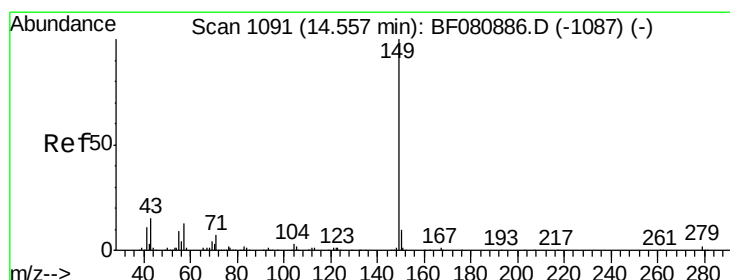
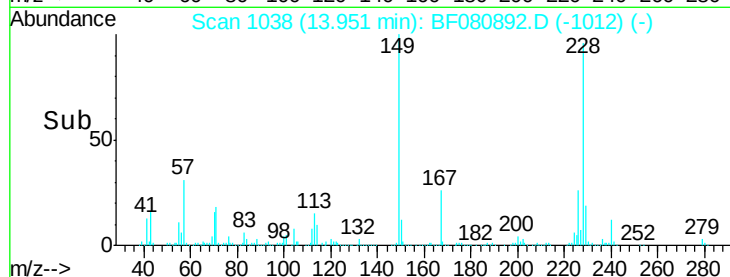
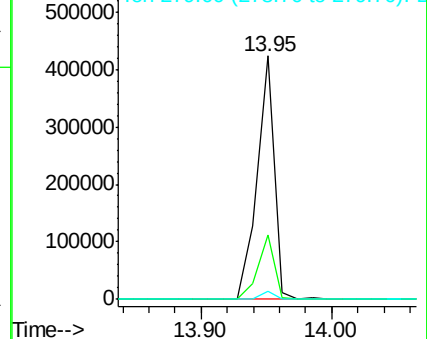
279 3.1 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.53 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

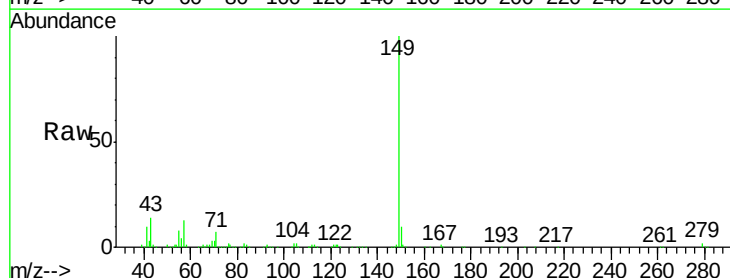
Tgt Ion:149 Resp: 681413

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

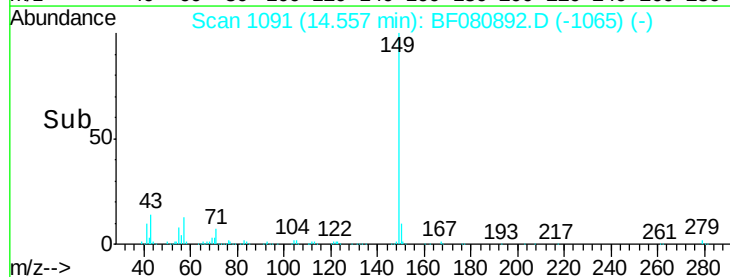
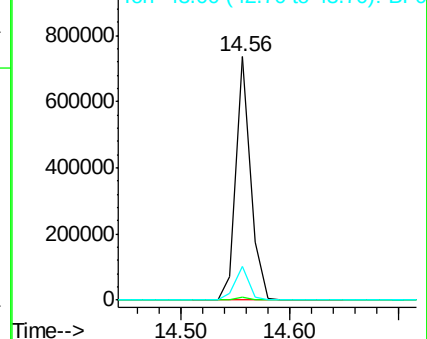
43 13.5 11.5 17.3

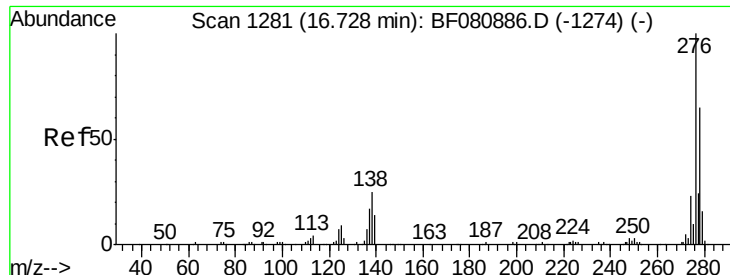


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.98 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

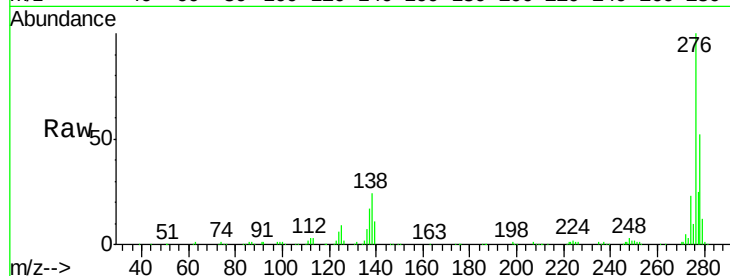
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 500690

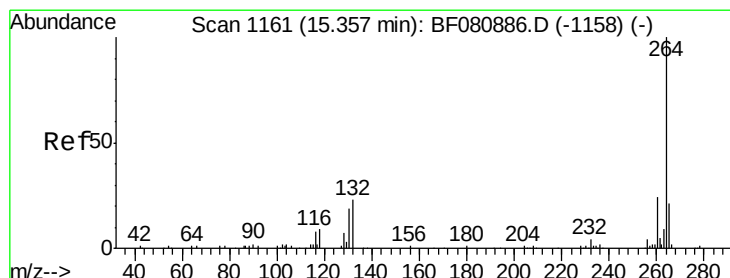
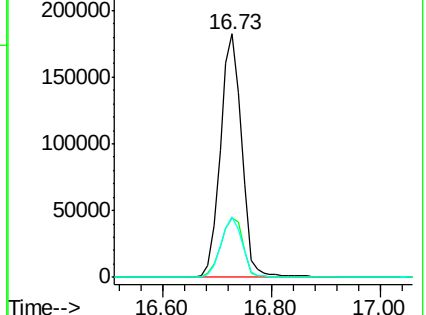
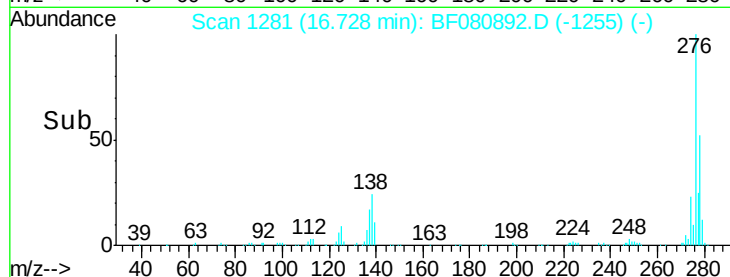
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.7	31.1
277	24.9	19.4	29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

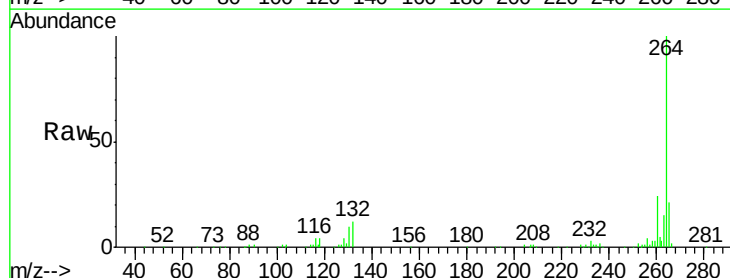
Delta R.T. 0.01 min

Lab File: BF080892.D

Acq: 6 Aug 2015 16:55

Tgt Ion:264 Resp: 194914

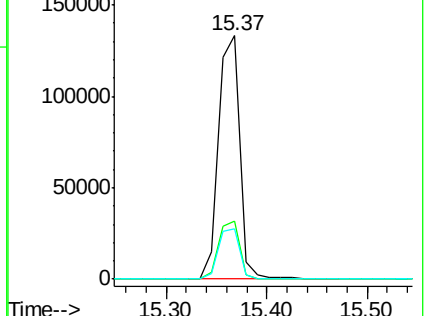
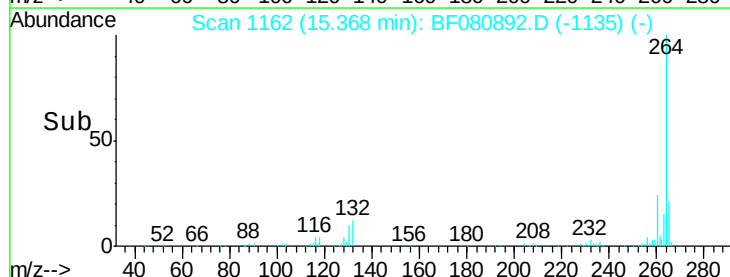
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	20.9	17.0	25.6

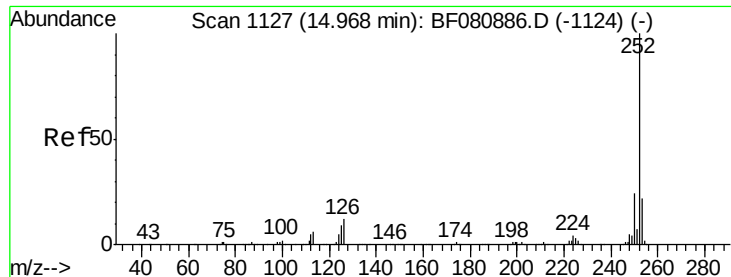


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

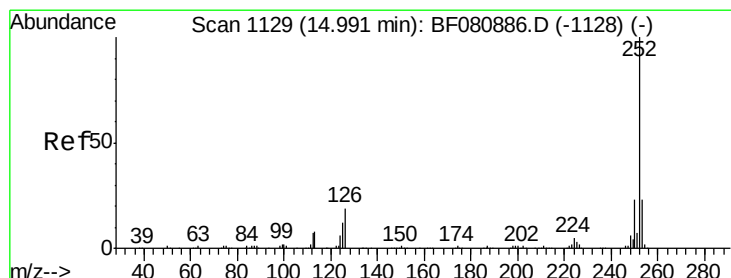
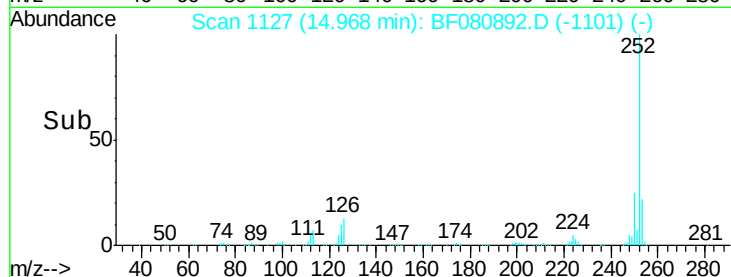
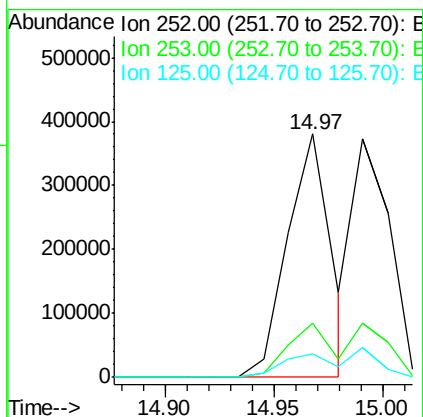
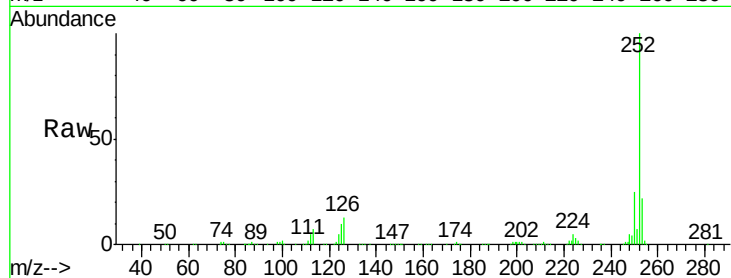




#87
Benzo(b)fluoranthene
Concen: 38.51 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

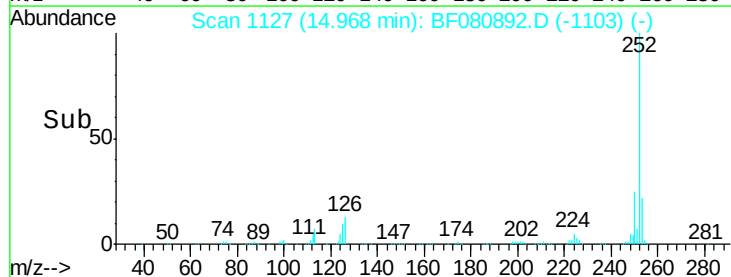
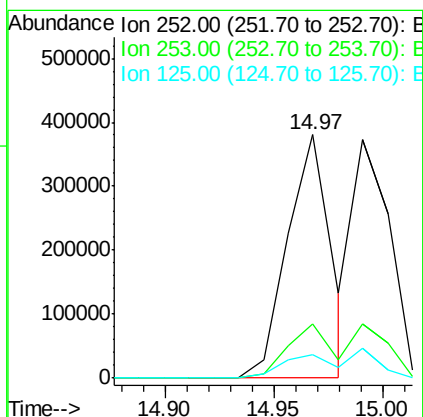
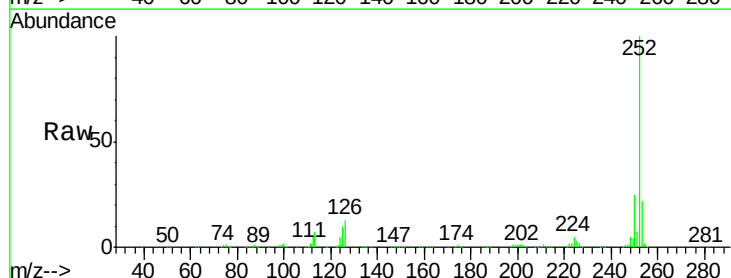
Instrument :
BNA_F
ClientSampled :

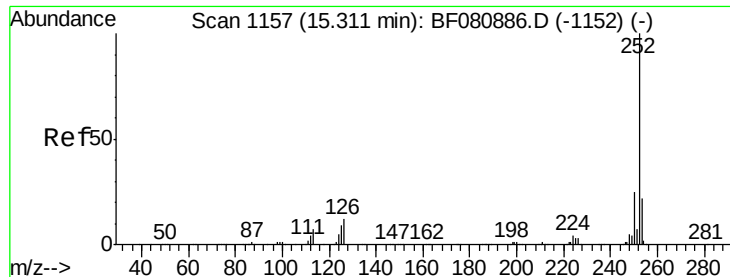
Tot Ion:252 Resp: 527205
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.6 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 45.72 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:252 Resp: 527205
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 9.6 9.8 14.8#

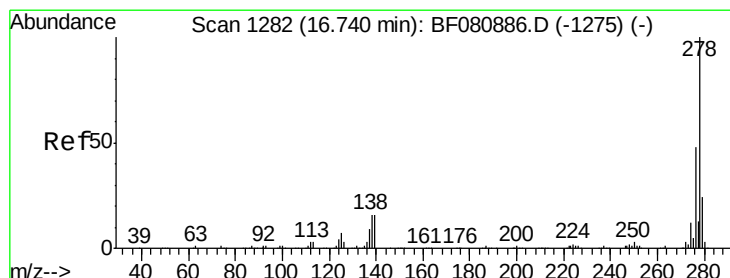
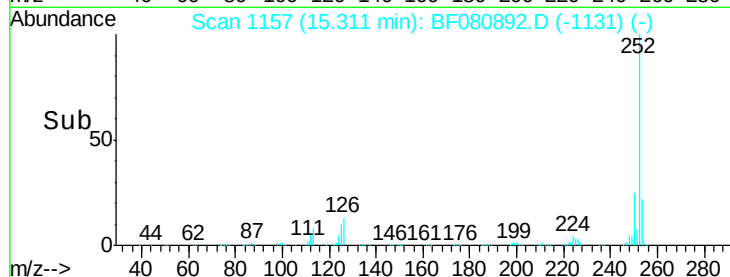
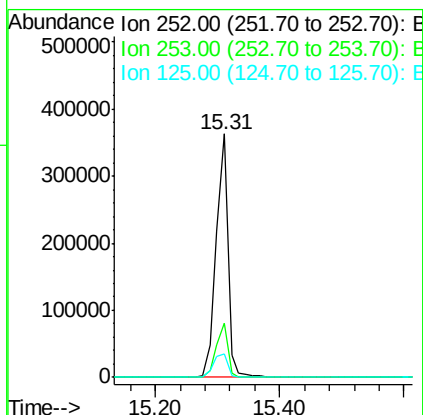
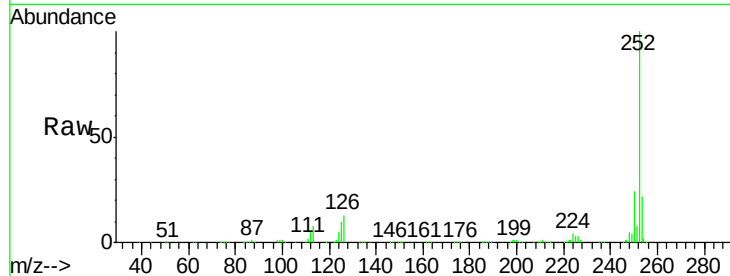




#89
Benzo(a)pyrene
Concen: 39.96 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

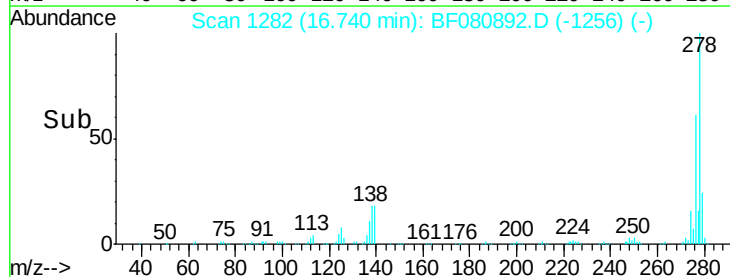
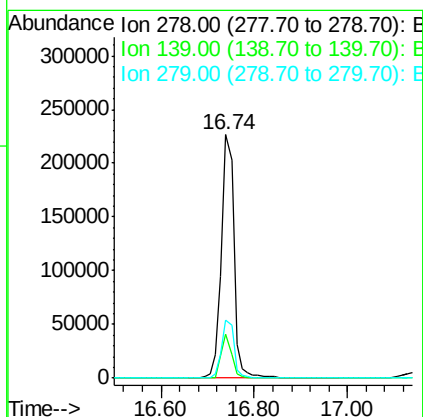
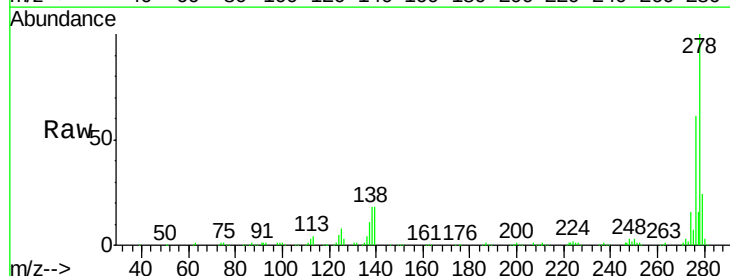
Instrument :
BNA_F
ClientSampled :

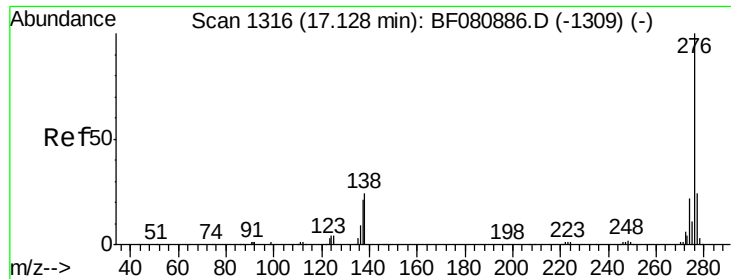
Tot Ion:252 Resp: 471395
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.9 7.5 11.3



#90
Dibenzo(a,h)anthracene
Concen: 41.34 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080892.D
Acq: 6 Aug 2015 16:55

Tgt Ion:278 Resp: 420367
Ion Ratio Lower Upper
278 100
139 18.1 13.2 19.8
279 23.8 19.1 28.7

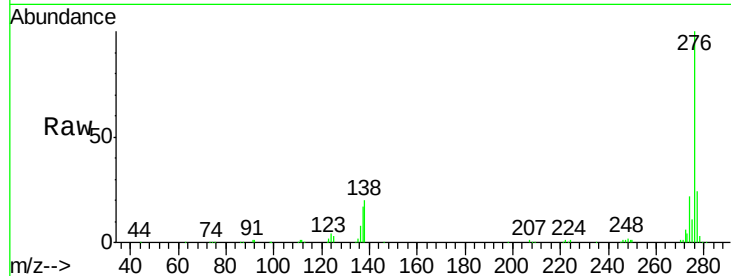




#91
 Benzo(a,h,i)perylene
 Concen: 40.81 ng
 RT: 17.14 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF080892.D
 Acq: 6 Aug 2015 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	20.0	19.1	28.7



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

