

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080909.D
 Acq On : 7 Aug 2015 2:41
 Operator : TP/UM
 Sample : G3196-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:09:20 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	62620	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	252183	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	116680	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	244657	20.00	ng	0.01
75) Chrysene-d12	13.96	240	203330	20.00	ng	0.00
86) Perylene-d12	15.36	264	166174	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	238694	60.77	ng	0.00
7) Phenol-d6	6.44	99	230492	42.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	434235	81.12	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	144188	115.05	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	665924	81.35	ng	0.00
78) Terphenyl-d14	12.91	244	662435	68.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	29297	15.40	ng	98
3) Pyridine	3.10	79	67385	12.59	ng	98
4) n-Nitrosodimethylamine	3.02	42	47337	17.10	ng	96
6) Aniline	6.46	93	145281	18.11	ng	100
8) 2-Chlorophenol	6.59	128	148784	33.36	ng	100
9) Benzaldehyde	6.35	77	37919	10.18	ng	93
10) Phenol	6.45	94	94714	14.60	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	181644	39.54	ng	97
12) 1,3-Dichlorobenzene	6.75	146	170422	35.23	ng	98
13) 1,4-Dichlorobenzene	6.83	146	171153	34.74	ng	99
14) 1,2-Dichlorobenzene	6.98	146	156918	34.75	ng	100
15) Benzyl Alcohol	6.96	79	127873	29.81	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	359567	38.14	ng	99
17) 2-Methylphenol	7.07	107	111650	27.93	ng	98
18) Hexachloroethane	7.32	117	62694	33.51	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	146931	38.16	ng	100
20) 3+4-Methylphenols	7.22	107	120852	24.94	ng	# 42
22) Acetophenone	7.22	105	256229	40.63	ng	# 88
24) Nitrobenzene	7.39	77	203252	37.26	ng	100
25) Isophorone	7.64	82	427546	41.67	ng	99
26) 2-Nitrophenol	7.71	139	85271	37.24	ng	98
27) 2,4-Dimethylphenol	7.76	122	165278	37.62	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	232978	38.31	ng	99
29) 2,4-Dichlorophenol	7.95	162	131759	37.62	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	150425	38.74	ng	99
31) Naphthalene	8.12	128	543144	39.69	ng	100
32) Benzoic acid	7.85	122	43874	15.70	ng	98
33) 4-Chloroaniline	8.17	127	125884	22.26	ng	97
34) Hexachlorobutadiene	8.24	225	79323	35.90	ng	99
35) Caprolactam	8.56	113	11964	9.15	ng	92
36) 4-Chloro-3-methylphenol	8.65	107	157393	37.31	ng	98
37) 2-Methylnaphthalene	8.81	142	334896	39.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	153893	43.30	ng	98
40) Hexachlorocyclopentadiene	8.97	237	183601	90.03	ng	99

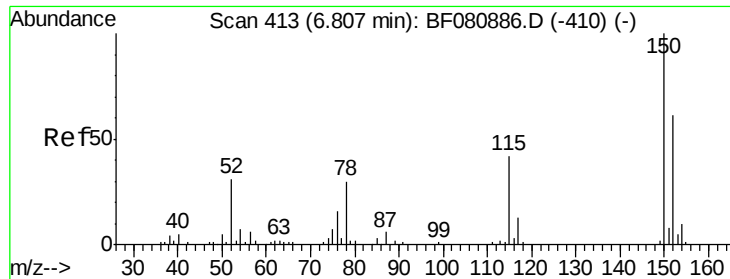
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	99894	38.10	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	105250	39.59	nq	# 85
45) 1,1'-Biphenyl	9.28	154	460412	46.64	nq	99
46) 2-Chloronaphthalene	9.30	162	340841	44.16	nq	98
47) 2-Nitroaniline	9.39	65	123938	39.48	nq	96
48) Acenaphthylene	9.71	152	524255	38.73	nq	99
49) Dimethylphthalate	9.58	163	449285	48.49	nq	# 99
50) 2,6-Dinitrotoluene	9.64	165	94942	47.78	nq	# 67
51) Acenaphthene	9.88	154	371229	45.13	nq	99
52) 3-Nitroaniline	9.80	138	59949	24.40	nq	96
53) 2,4-Dinitrophenol	9.92	184	110539	101.53	nq	# 70
54) Dibenzofuran	10.05	168	445616	40.00	nq	98
55) 4-Nitrophenol	9.97	139	69597	37.54	nq	96
56) 2,4-Dinitrotoluene	10.04	165	132091	49.42	nq	# 75
57) Fluorene	10.40	166	349946	40.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	87713	41.35	nq	# 98
59) Diethylphthalate	10.28	149	456670	45.24	nq	96
60) 4-Chlorophenyl-phenylether	10.40	204	177840	43.53	nq	# 76
61) 4-Nitroaniline	10.42	138	93743	37.20	nq	85
62) Azobenzene	10.54	77	477360	43.16	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	57361	35.99	nq	# 70
65) n-Nitrosodiphenylamine	10.51	169	322763	37.03	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	97811	36.78	nq	93
67) Hexachlorobenzene	10.94	284	121658	42.31	nq	# 93
68) Atrazine	11.05	200	110081	43.74	nq	97
69) Pentachlorophenol	11.14	266	136160	84.49	nq	99
70) Phenanthrene	11.36	178	589414	41.17	nq	99
71) Anthracene	11.40	178	532091	37.76	nq	99
72) Carbazole	11.56	167	556648	39.11	nq	98
73) Di-n-butylphthalate	11.89	149	689627	39.74	nq	99
74) Fluoranthene	12.53	202	585444	37.40	nq	100
77) Pyrene	12.76	202	581032	38.45	nq	100
79) Butylbenzylphthalate	13.39	149	332810	46.04	nq	97
80) Benzo(a)anthracene	13.95	228	500339	37.67	nq	98
81) 3,3'-Dichlorobenzidine	13.92	252	58755	11.81	nq	98
82) Chrysene	13.99	228	478239	37.67	nq	100
83) Bis(2-ethylhexyl)phthalate	13.95	149	445437	44.96	nq	99
84) Di-n-octyl phthalate	14.56	149	738556	42.30	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	439891	35.58	nq	99
87) Benzo(b)fluoranthene	14.99	252	930134	79.70	nq	# 97
88) Benzo(k)fluoranthene	14.99	252	930134	94.61	nq	100
89) Benzo(a)pyrene	15.31	252	461580	45.90	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	364717	42.07	nq	99
91) Benzo(g,h,i)perylene	17.13	276	367371	43.72	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

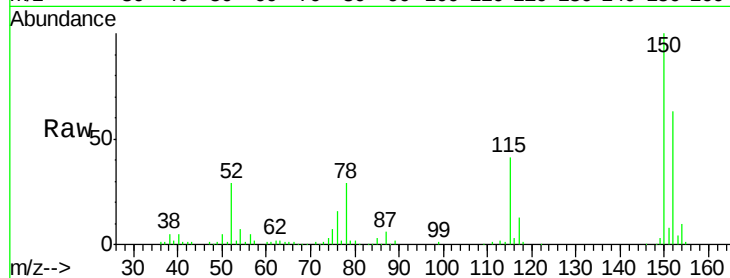
Tot Ion:152 Resp: 62620

Ion Ratio Lower Upper

152 100

150 158.3 132.2 198.2

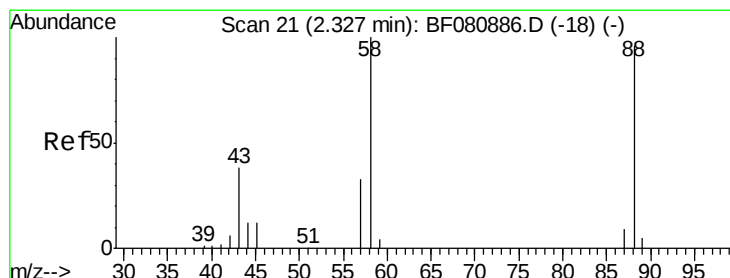
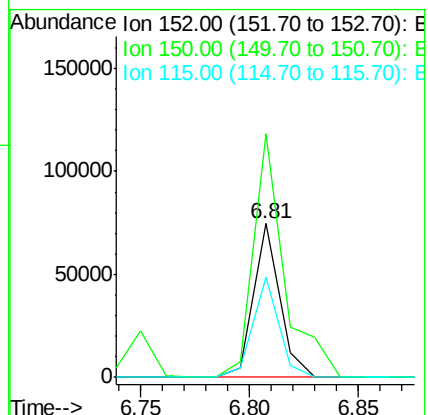
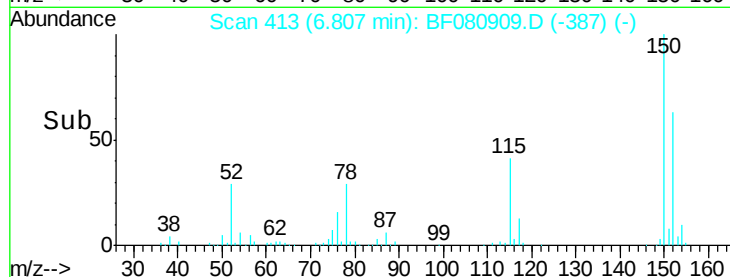
115 64.8 54.9 82.3



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



#2

1,4-Dioxane

Concen: 15.40 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.06 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

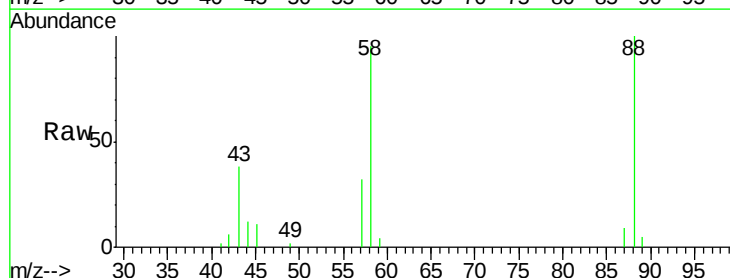
Tgt Ion: 88 Resp: 29297

Ion Ratio Lower Upper

88 100

58 97.8 78.2 117.4

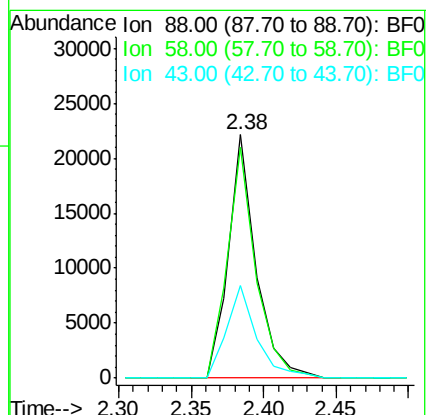
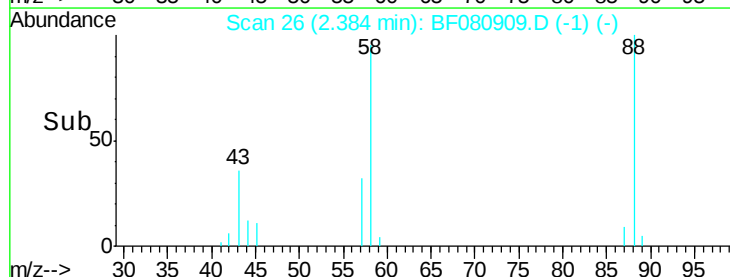
43 41.2 29.1 43.7

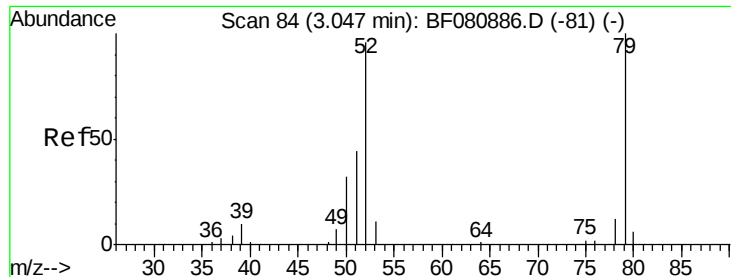


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 12.59 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.06 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

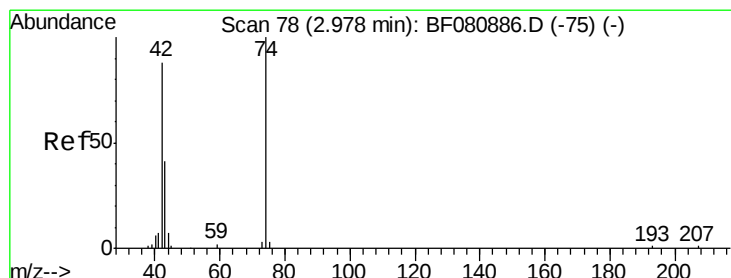
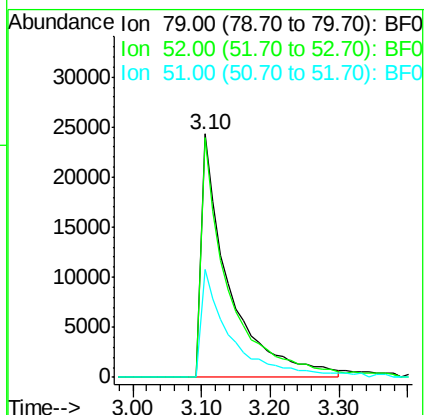
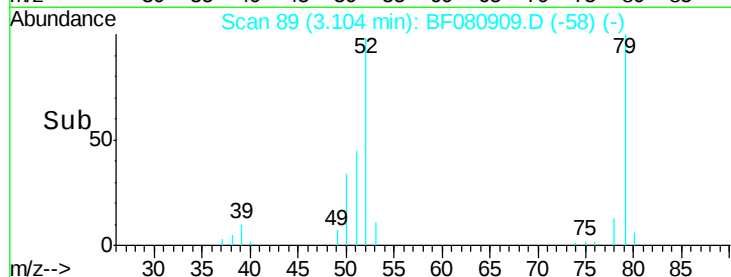
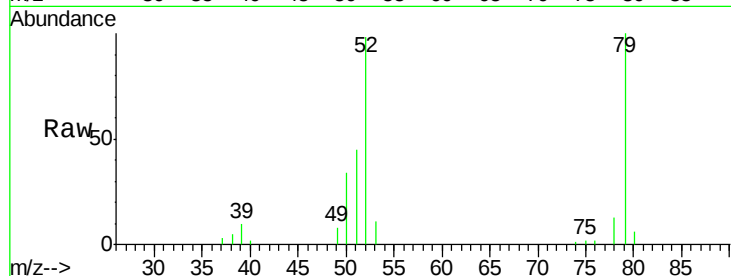
Tot Ion: 79 Resp: 67385

Ion Ratio Lower Upper

79 100

52 98.4 76.7 115.1

51 44.6 35.8 53.6



#4

n-Nitrosodimethylamine

Concen: 17.10 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.05 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

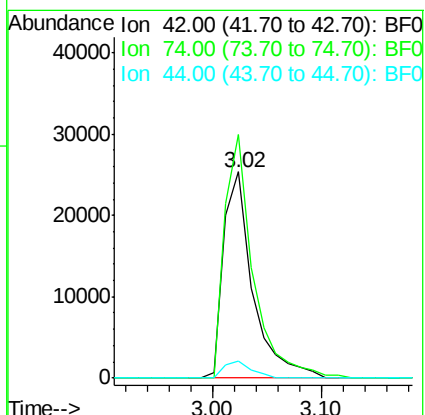
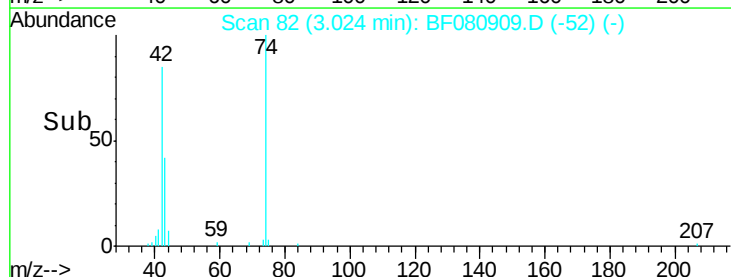
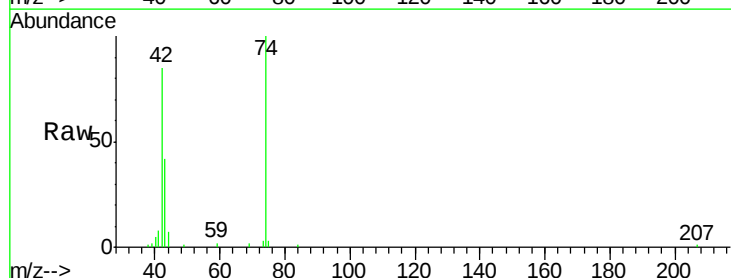
Tgt Ion: 42 Resp: 47337

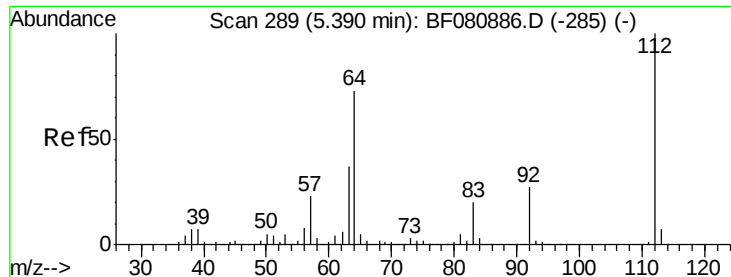
Ion Ratio Lower Upper

42 100

74 117.9 90.6 135.8

44 8.2 6.6 10.0





#5

2-Fluorophenol

Concen: 60.77 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

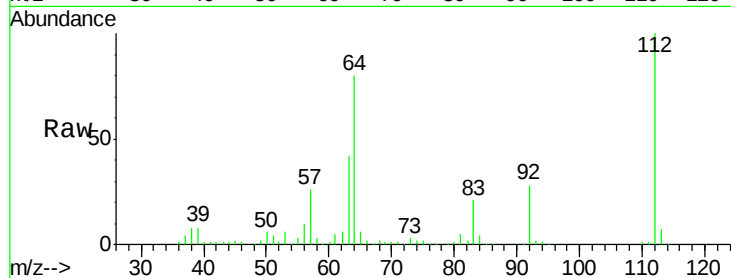
Tot Ion:112 Resp: 238694

Ion Ratio Lower Upper

112 100

64 80.0 58.0 87.0

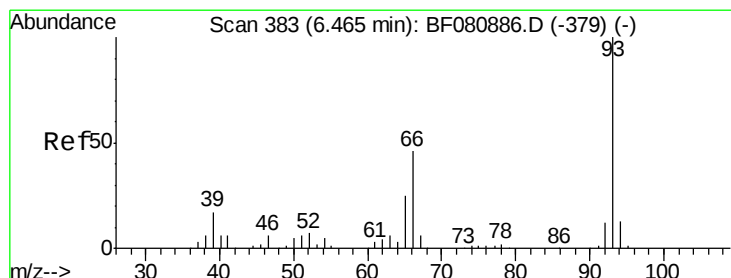
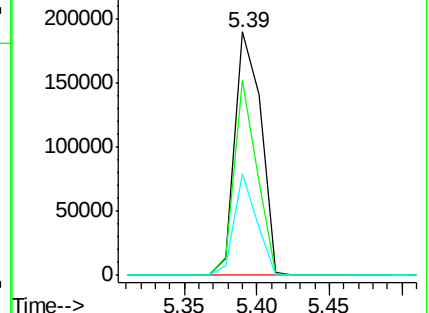
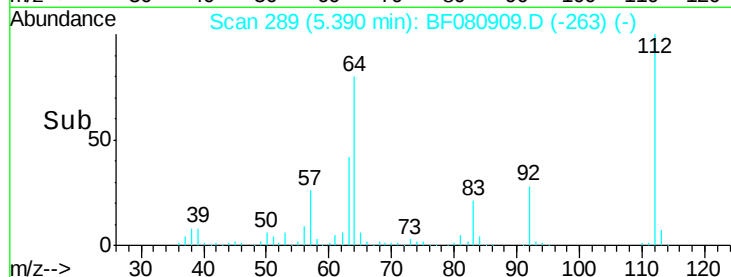
63 41.8 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.11 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

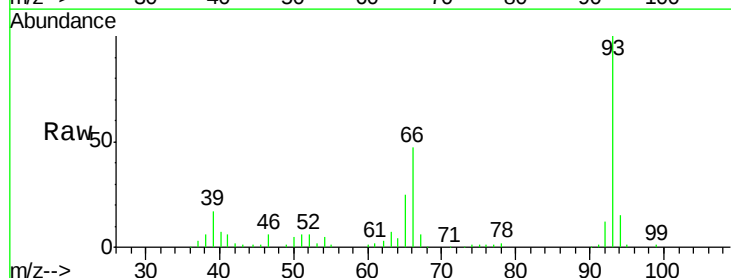
Tgt Ion: 93 Resp: 145281

Ion Ratio Lower Upper

93 100

66 47.1 37.4 56.0

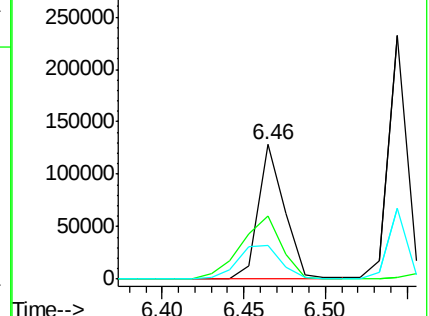
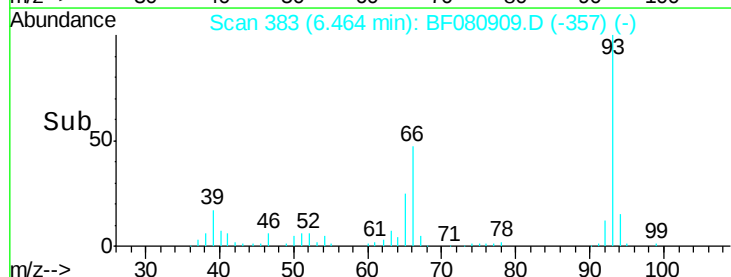
65 24.9 19.8 29.6

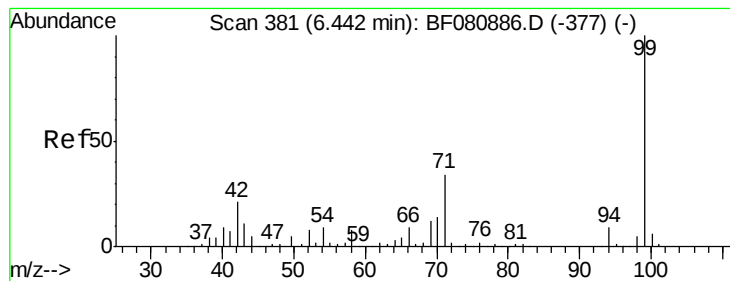


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 42.62 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

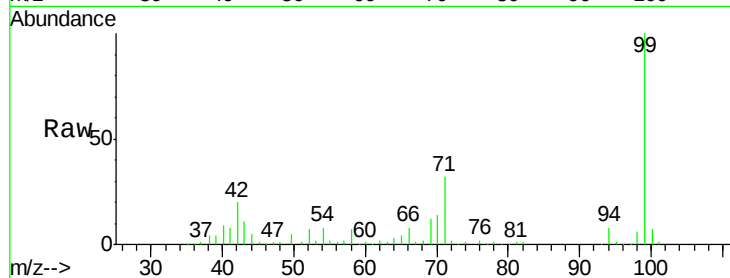
Tot Ion: 99 Resp: 230492

Ion Ratio Lower Upper

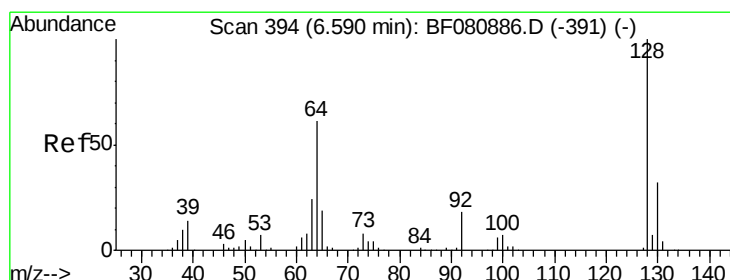
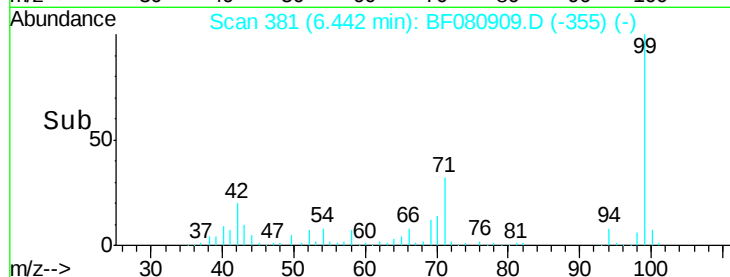
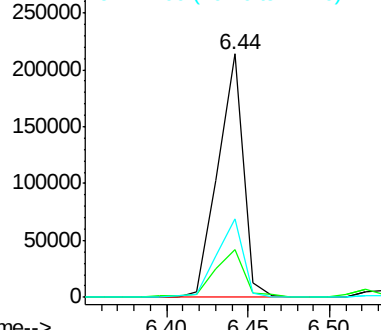
99 100

42 19.5 16.8 25.2

71 32.1 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: 33.36 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

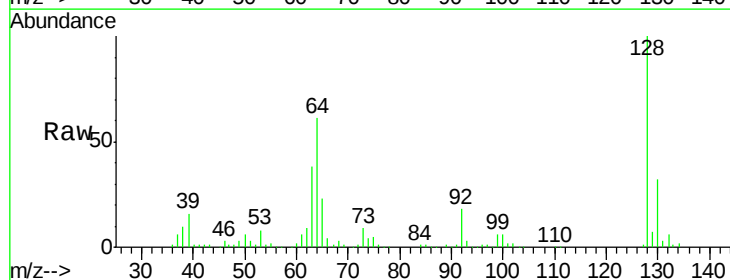
Tgt Ion:128 Resp: 148784

Ion Ratio Lower Upper

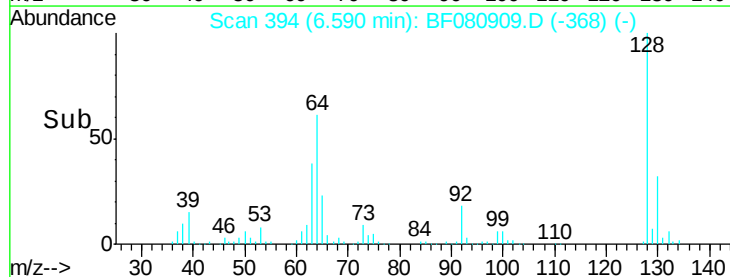
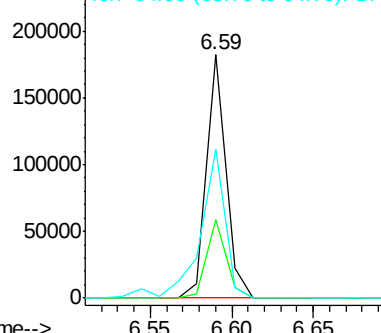
128 100

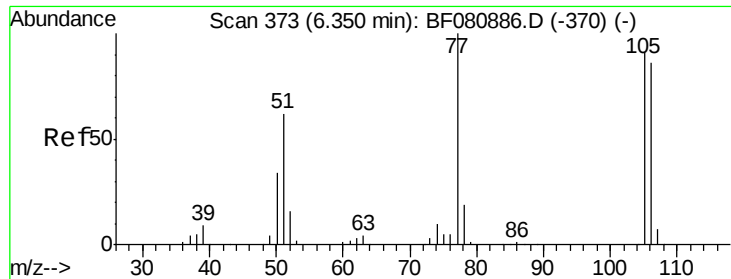
130 32.3 12.1 52.1

64 61.0 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

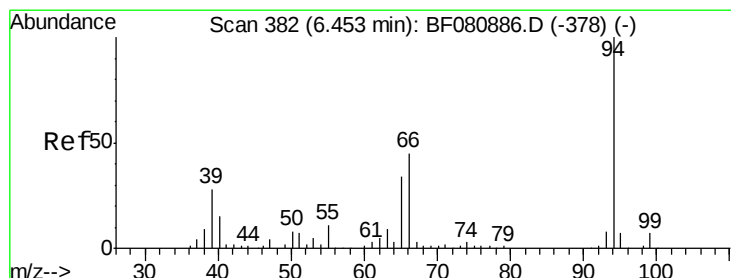
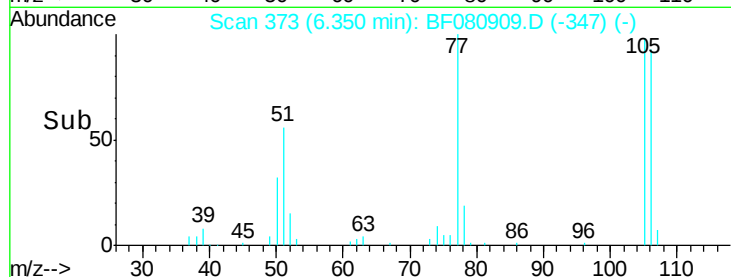
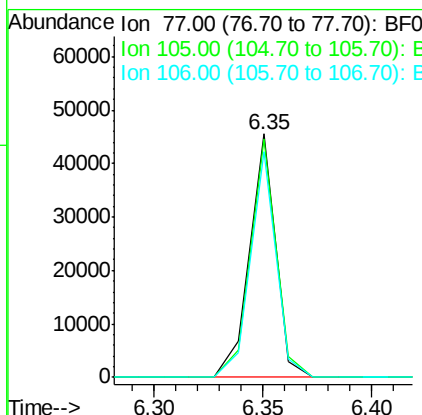
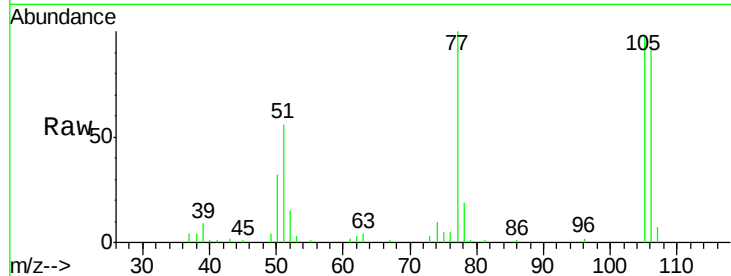




#9
Benzaldehyde
Concen: 10.18 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

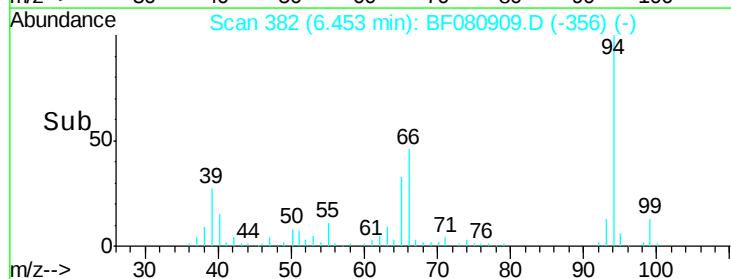
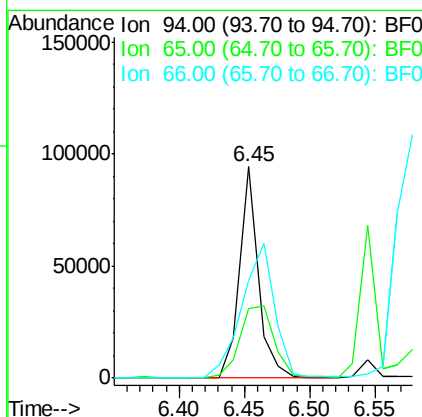
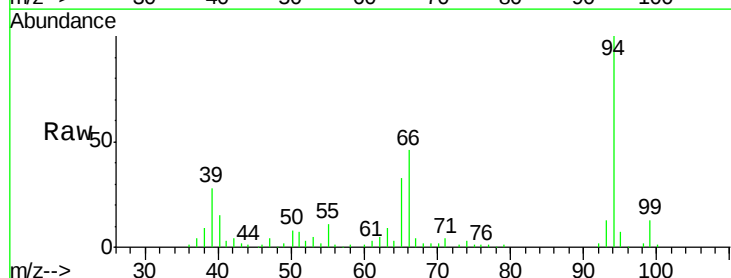
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BNA_F
ClientSampled :

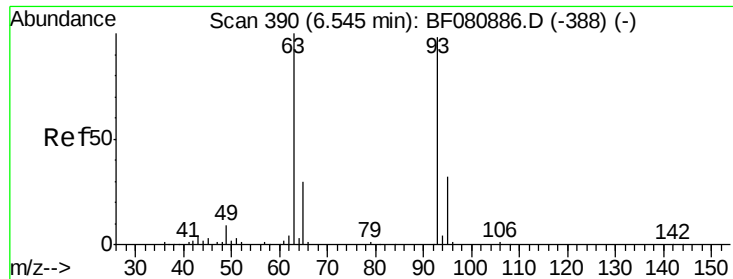
Tot Ion: 77 Resp: 37919
Ion Ratio Lower Upper
77 100
105 97.9 70.7 110.7
106 92.7 66.1 106.1



#10
Phenol
Concen: 14.60 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion: 94 Resp: 94714
Ion Ratio Lower Upper
94 100
65 33.1 14.0 54.0
66 46.1 24.6 64.6





#11

bis(2-Chloroethyl)ether

Concen: 39.54 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

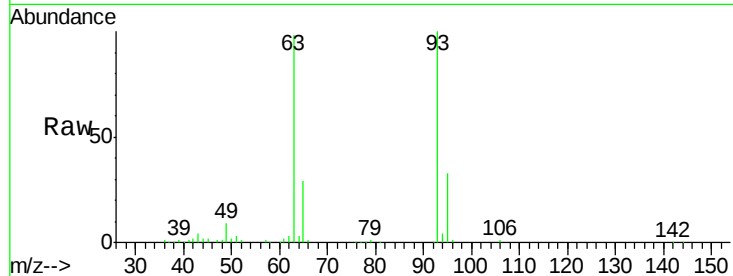
Tot Ion: 93 Resp: 181644

Ion Ratio Lower Upper

93 100

63 97.7 81.4 121.4

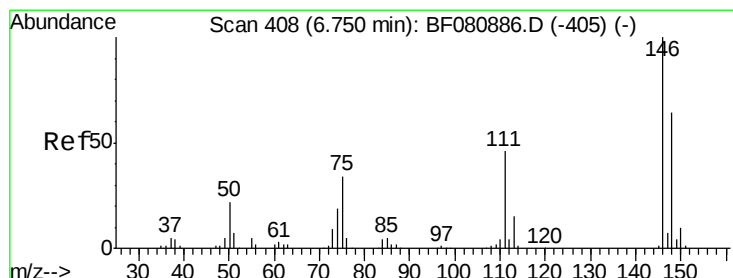
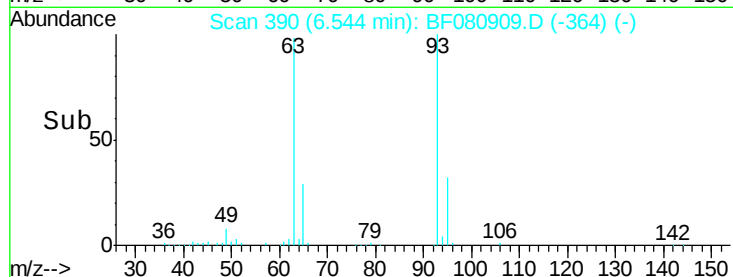
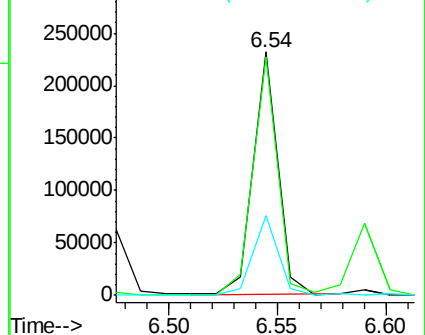
95 32.7 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 35.23 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

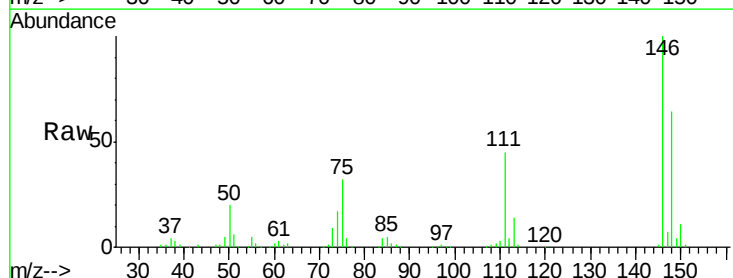
Tgt Ion: 146 Resp: 170422

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

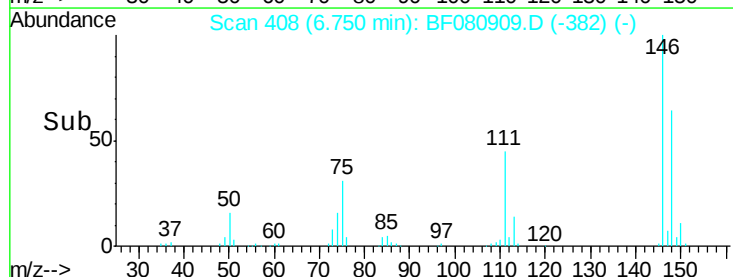
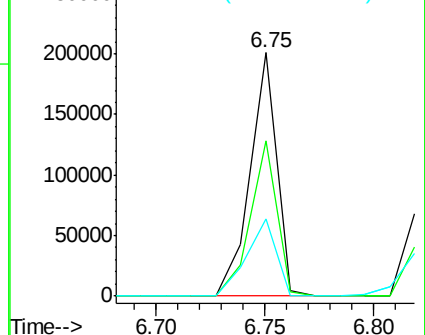
75 31.6 27.0 40.4

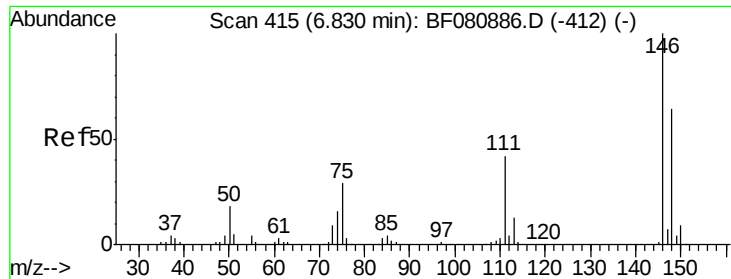


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

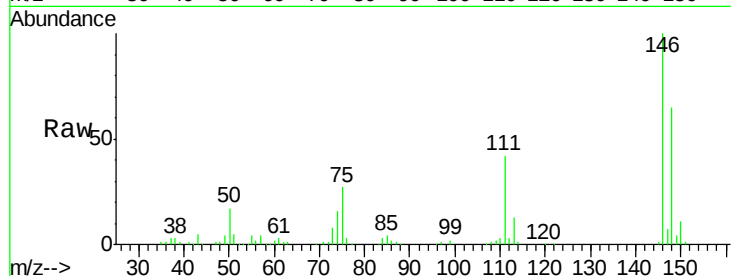




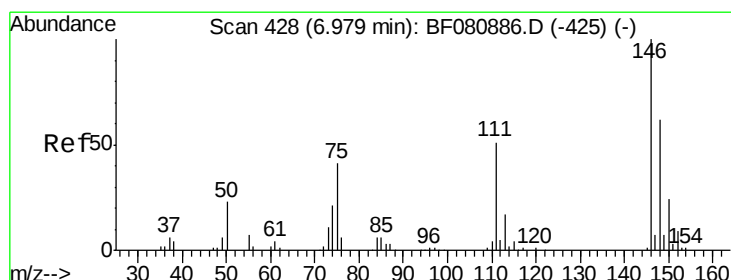
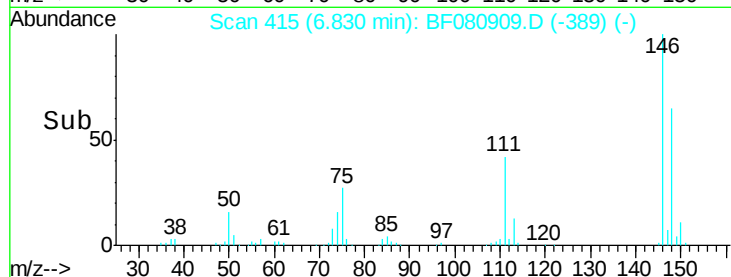
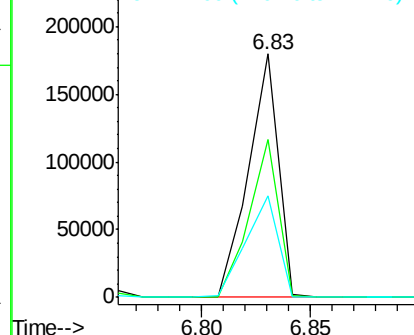
#13
 1,4-Dichlorobenzene
 Concen: 34.74 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 171153
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 41.5 33.8 50.6

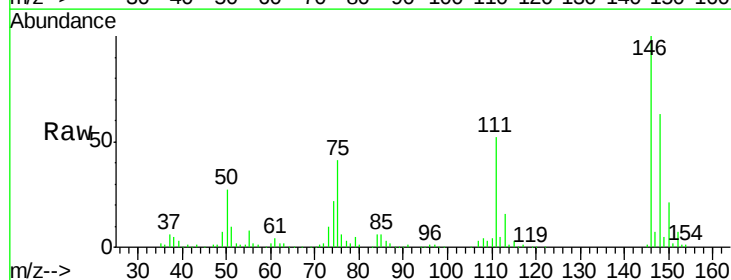


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

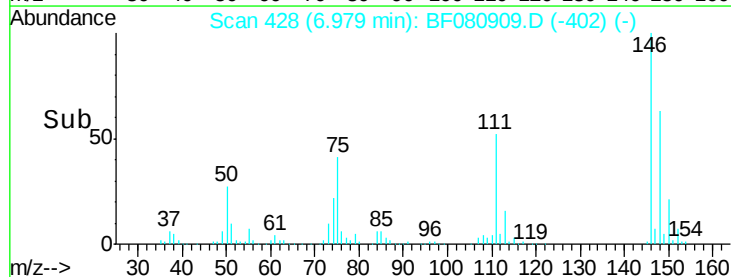
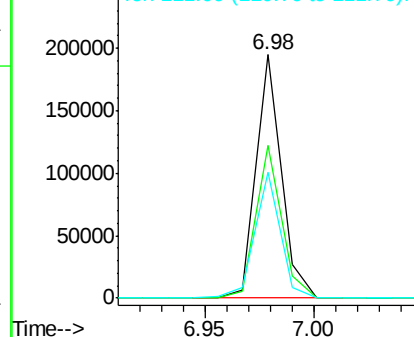


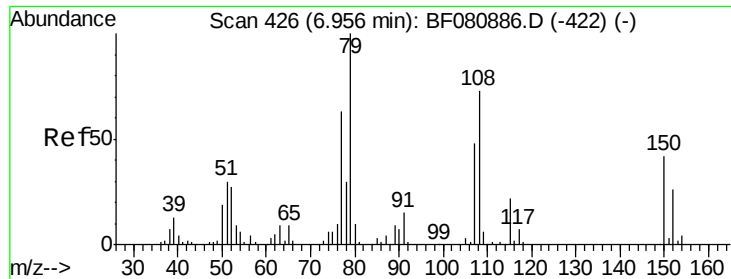
#14
 1,2-Dichlorobenzene
 Concen: 34.75 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:146 Resp: 156918
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.0 75.0
 111 51.7 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: 29.81 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

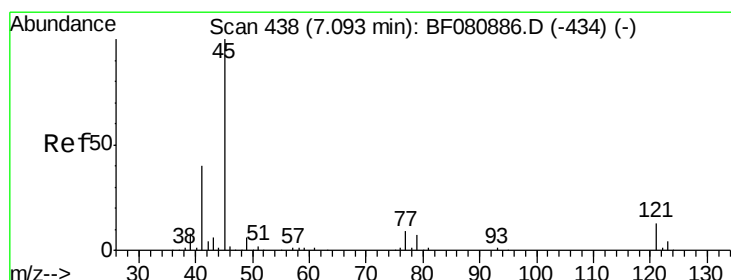
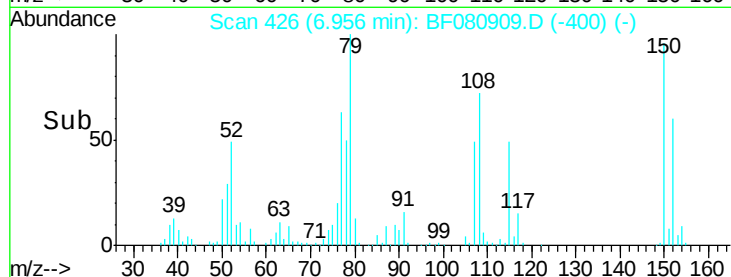
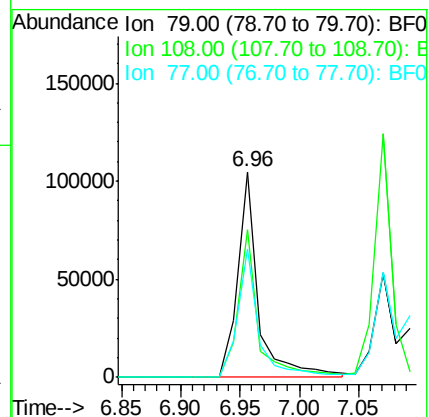
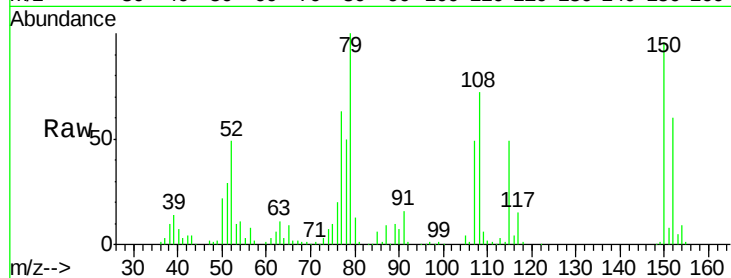
Tot Ion: 79 Resp: 127873

Ion Ratio Lower Upper

79 100

108 71.7 58.2 87.2

77 62.8 50.0 75.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.14 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

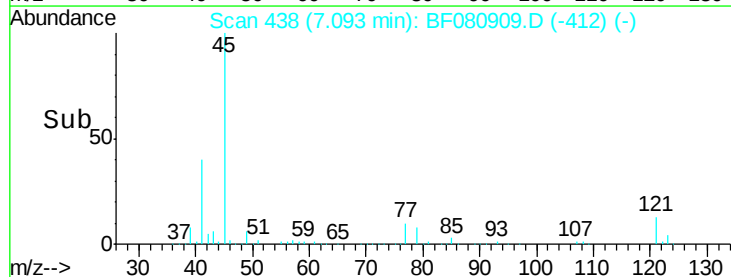
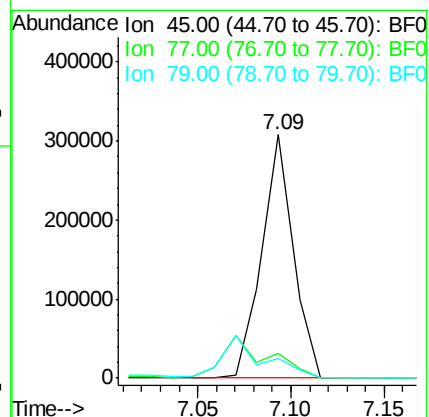
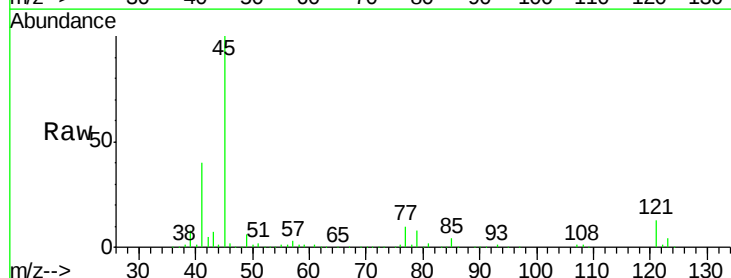
Tgt Ion: 45 Resp: 359567

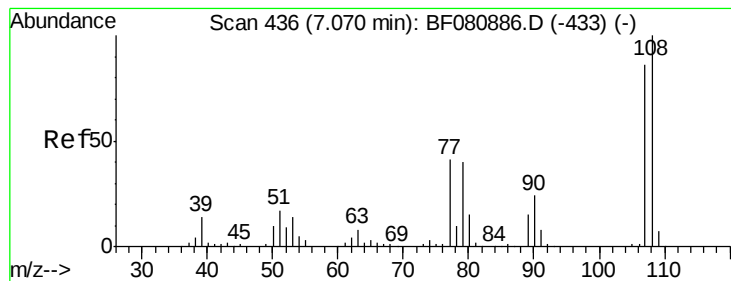
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.1

79 8.2 0.0 27.6

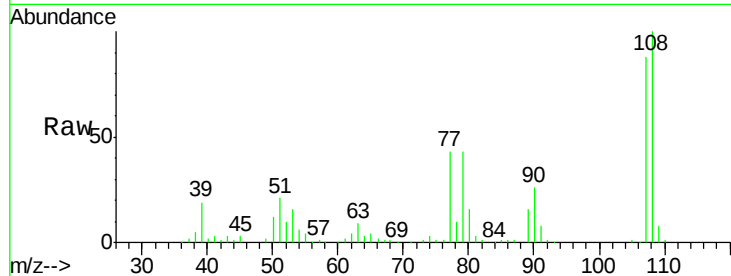




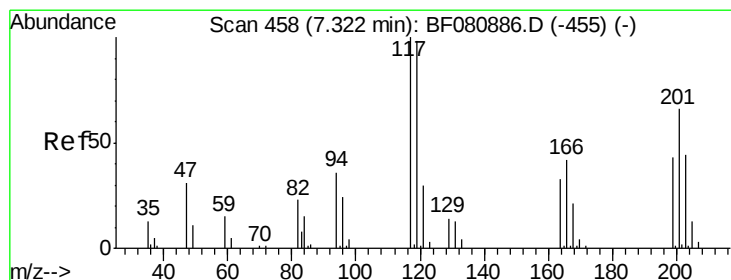
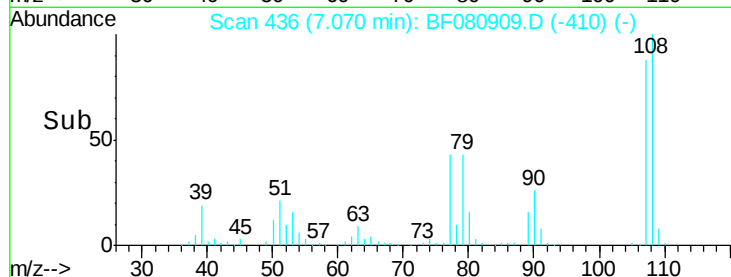
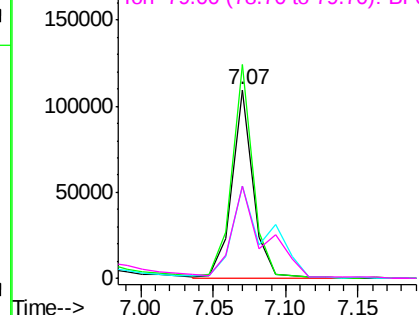
#17
2-Methylphenol
Concen: 27.93 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	111650
Ion	Ratio	Lower	Upper
107	100		
108	113.4	93.1	139.7
77	48.8	38.2	57.2
79	48.7	37.7	56.5

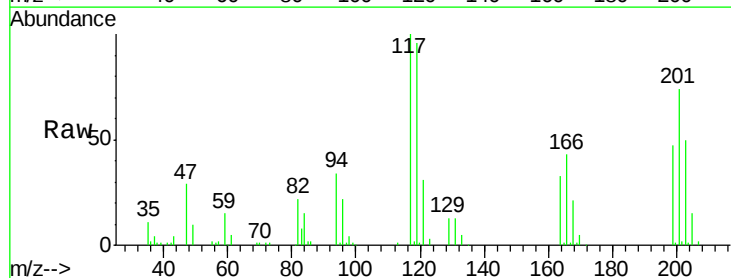


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

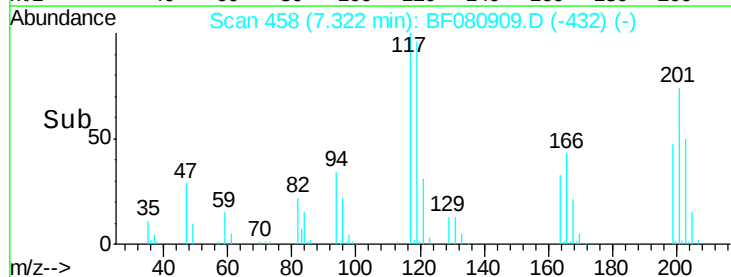
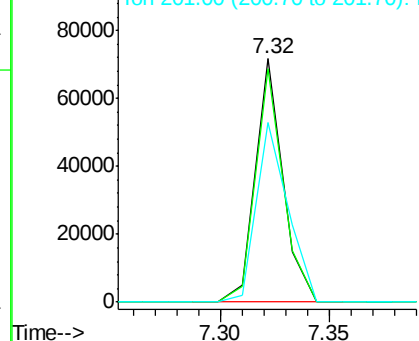


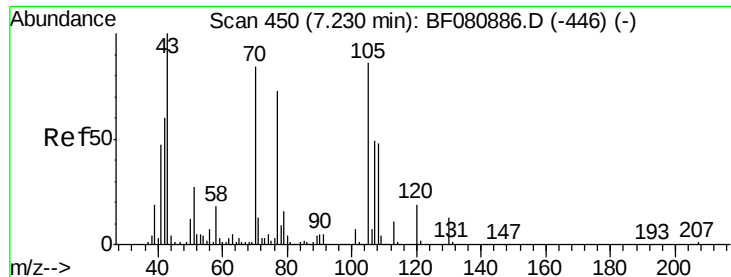
#18
Hexachloroethane
Concen: 33.51 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:	117	Resp:	62694
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.4	117.6
201	73.5	53.1	79.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

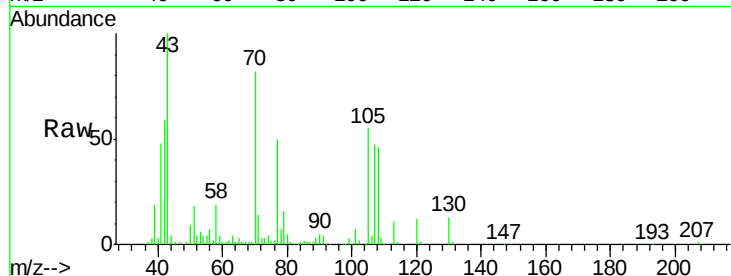




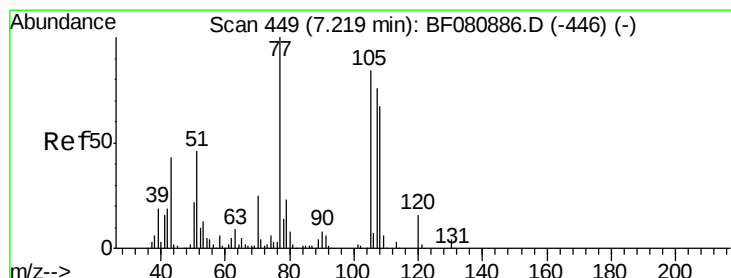
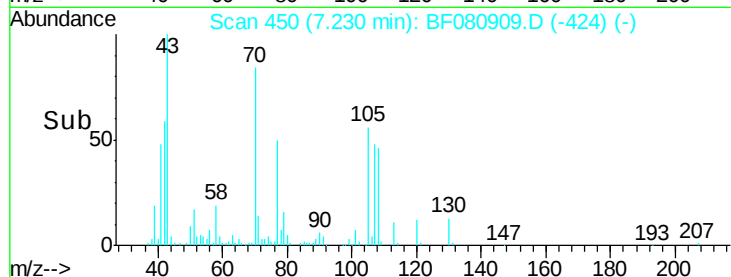
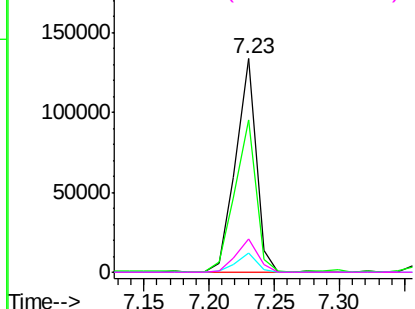
#19
n-Nitroso-di-n-propylamine
Concen: 38.16 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 146931
Ion Ratio Lower Upper
70 100
42 71.2 57.2 85.8
101 8.8 6.6 9.8
130 15.8 12.6 19.0

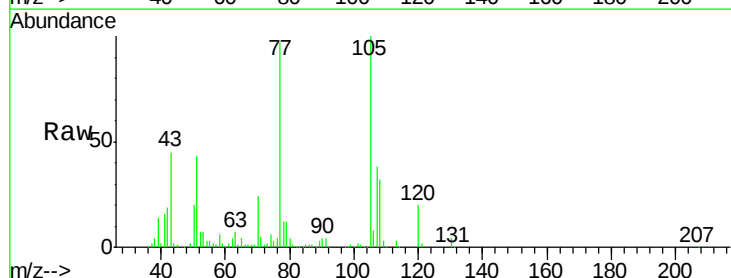


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

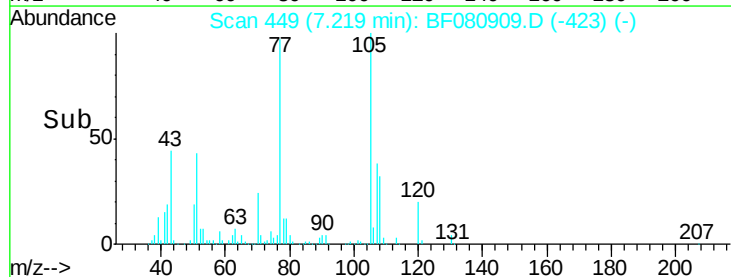
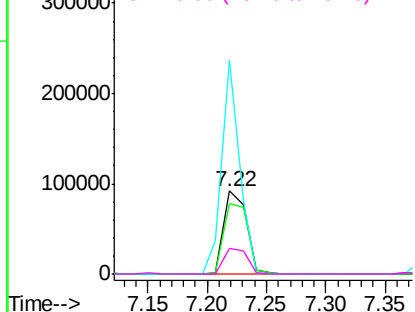


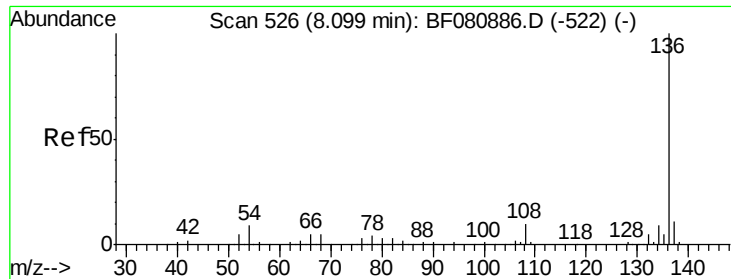
#20
3+4-Methylphenols
Concen: 24.94 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:107 Resp: 120852
Ion Ratio Lower Upper
107 100
108 84.7 67.3 107.3
77 257.7 111.2 151.2#
79 31.1 10.6 50.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

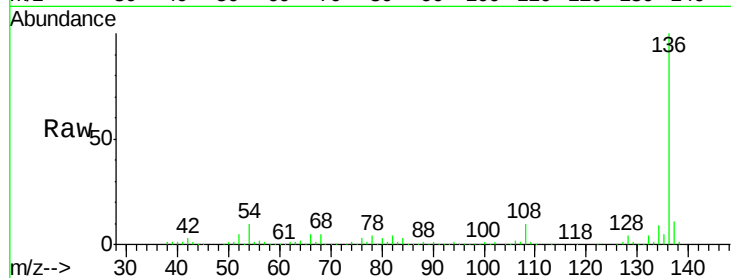




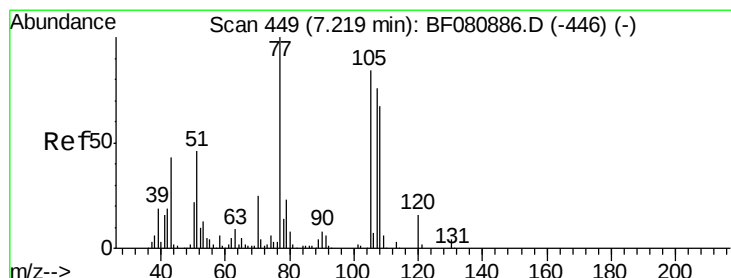
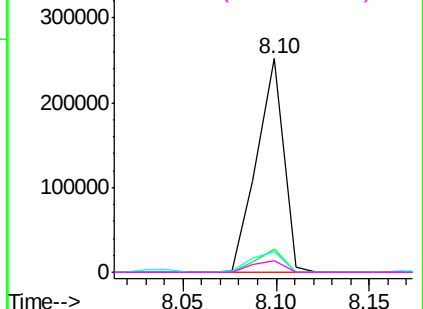
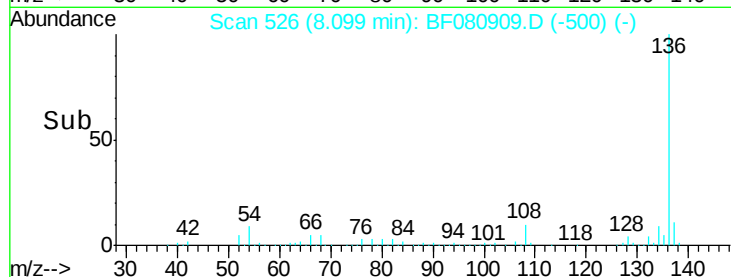
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	252183
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.6 12.8
54	9.5	7.5 11.3
68	5.4	4.2 6.2

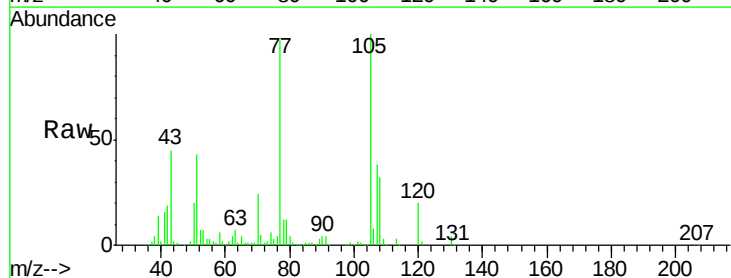


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

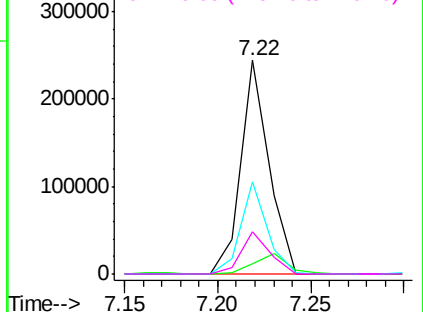
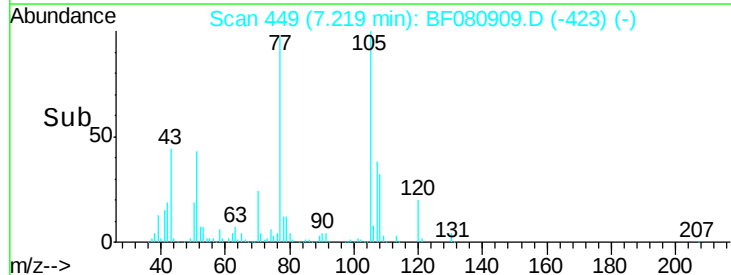


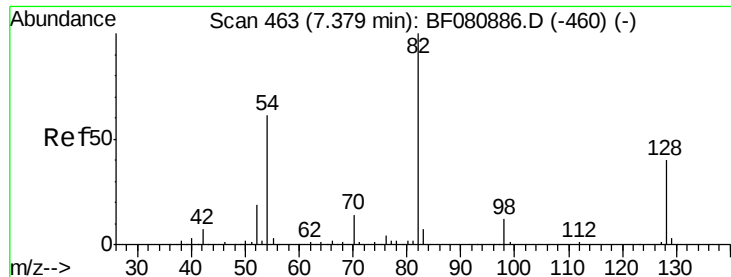
#22
Acetophenone
Concen: 40.63 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:105	Resp:	256229
Ion Ratio	Lower	Upper
105	100	
71	4.5	3.8 5.8
51	43.0	44.2 66.4#
120	19.8	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

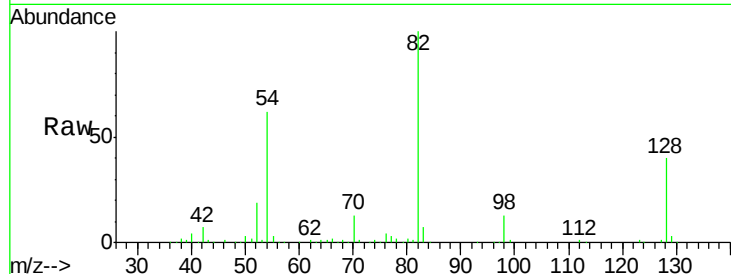




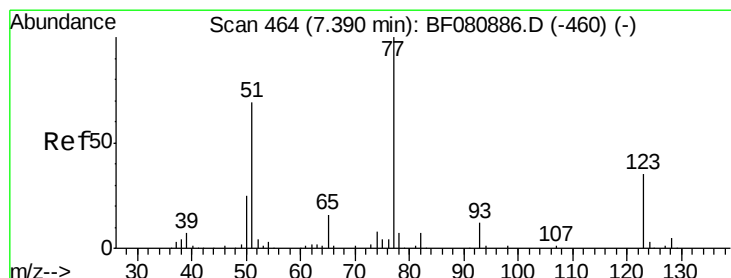
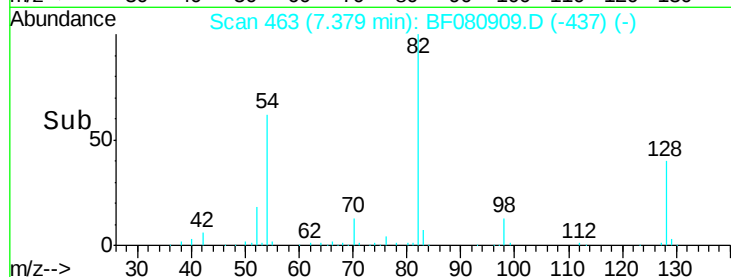
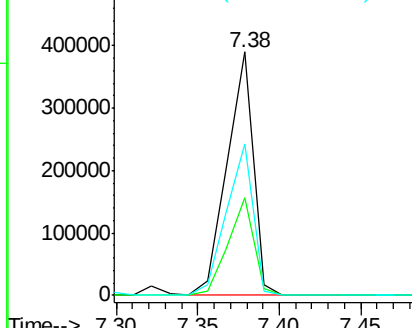
#23
 Nitrobenzene-d5
 Concen: 81.12 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	434235
Ion Ratio	Lower	Upper	
82	100		
128	40.0	31.8	47.6
54	62.3	48.6	72.8

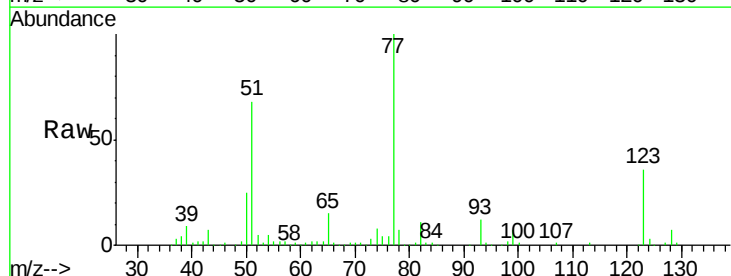


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

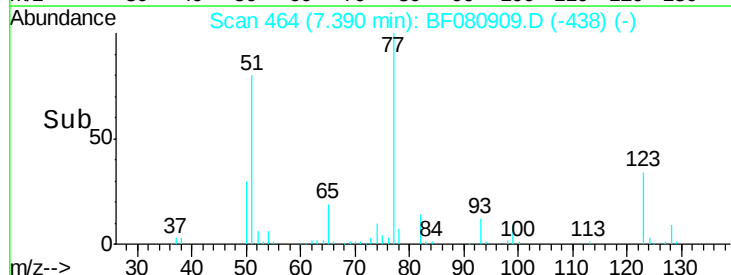
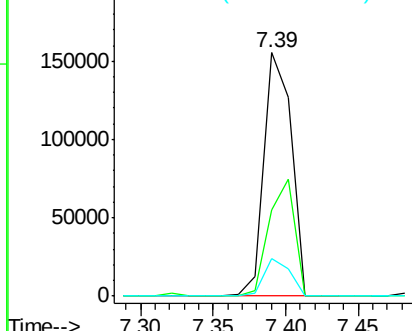


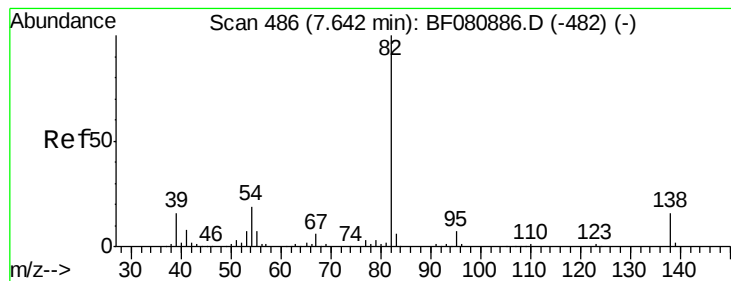
#24
 Nitrobenzene
 Concen: 37.26 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	77	Resp	203252
Ion Ratio	Lower	Upper	
77	100		
123	35.6	28.3	42.5
65	15.3	12.5	18.7



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





#25

Isophorone

Concen: 41.67 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

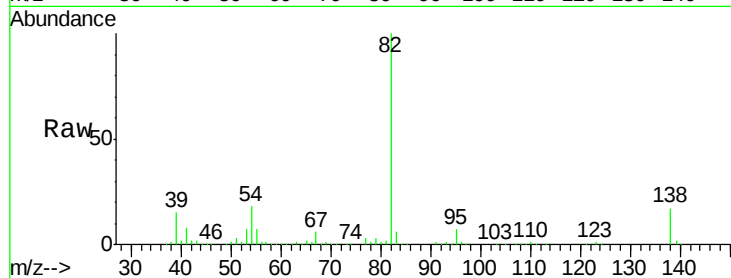
Tot Ion: 82 Resp: 427546

Ion Ratio Lower Upper

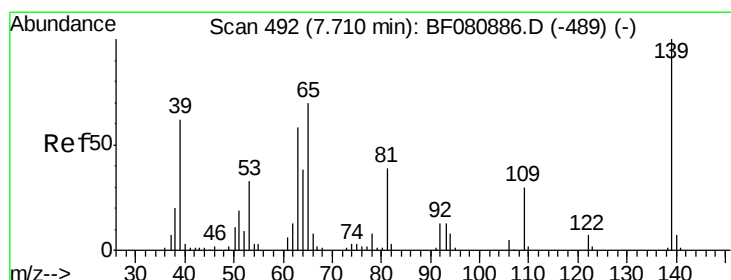
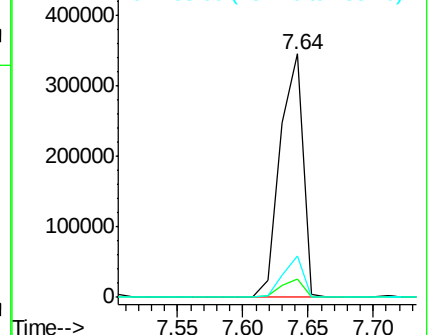
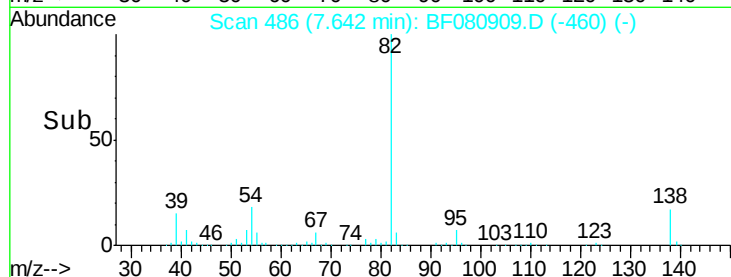
82 100

95 7.3 5.7 8.5

138 17.0 13.0 19.6



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



#26

2-Nitrophenol

Concen: 37.24 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

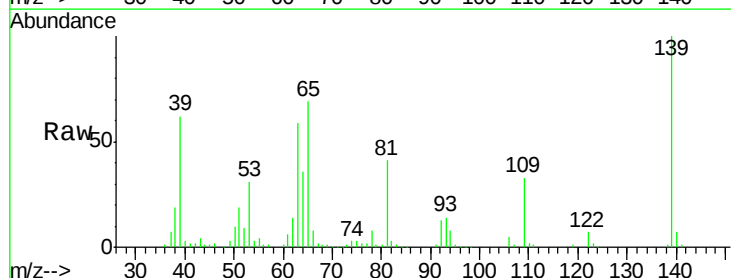
Tgt Ion: 139 Resp: 85271

Ion Ratio Lower Upper

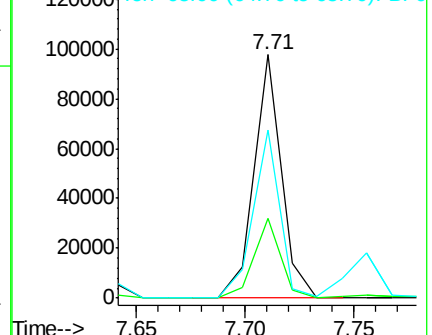
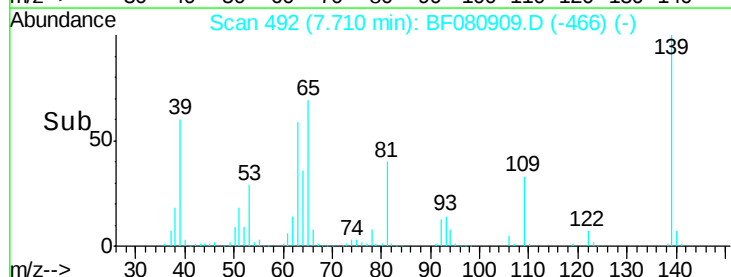
139 100

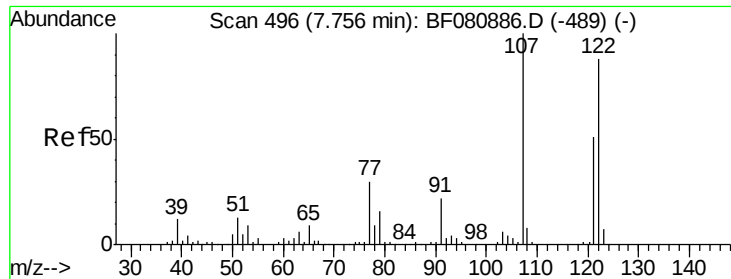
109 32.7 24.2 36.4

65 69.3 55.6 83.4



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





#27

2,4-Dimethylphenol

Concen: 37.62 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

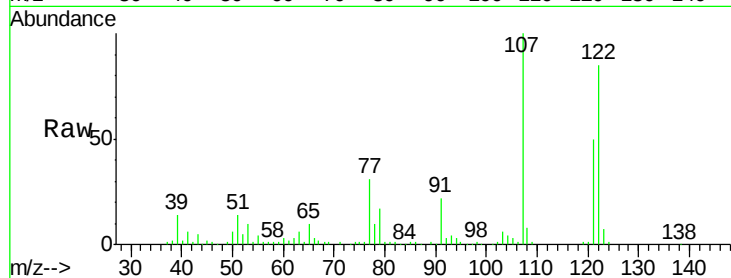
Tot Ion:122 Resp: 165278

Ion Ratio Lower Upper

122 100

107 117.7 91.1 136.7

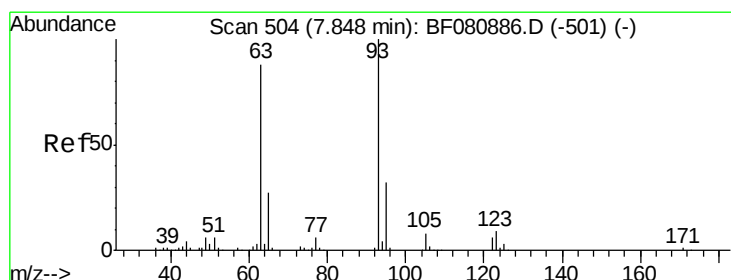
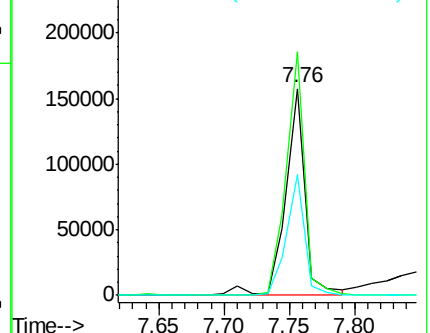
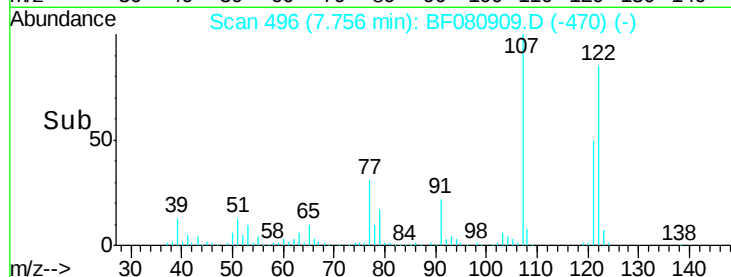
121 58.6 46.2 69.4



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: 38.31 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

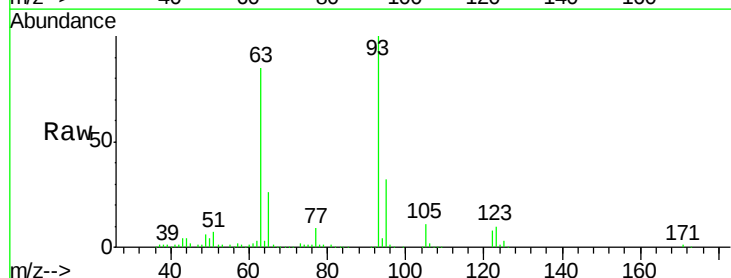
Tgt Ion: 93 Resp: 232978

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

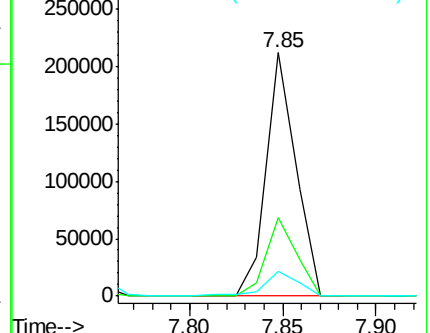
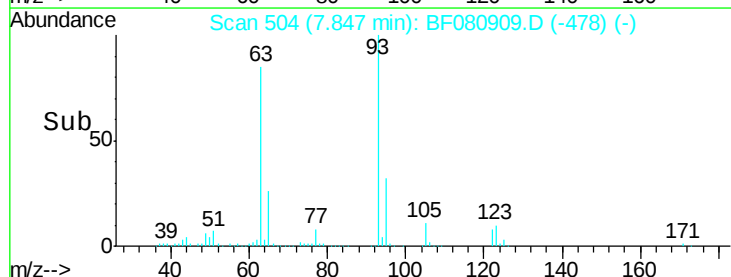
123 9.9 7.6 11.4

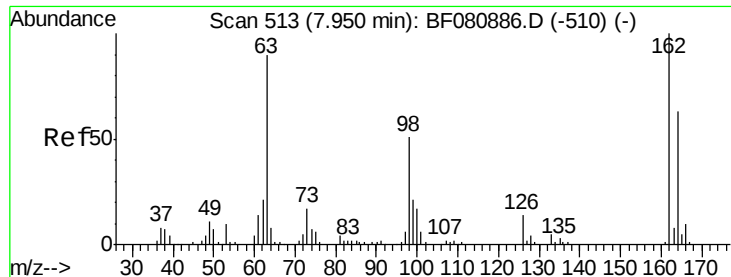


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

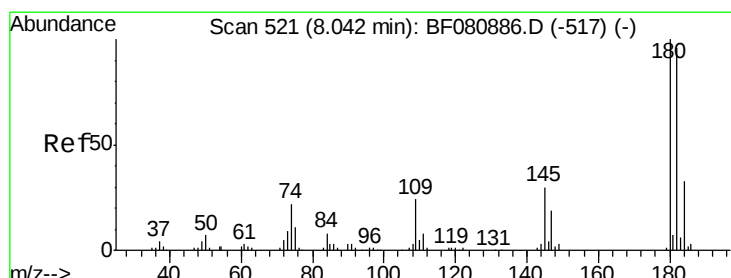
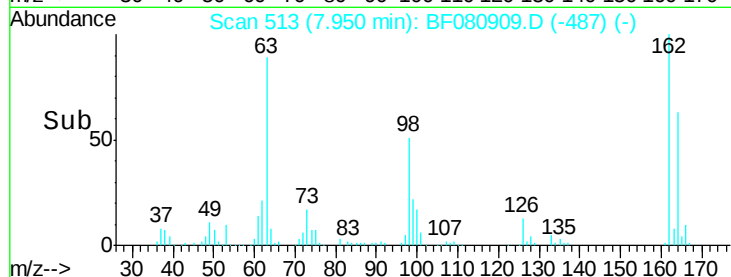
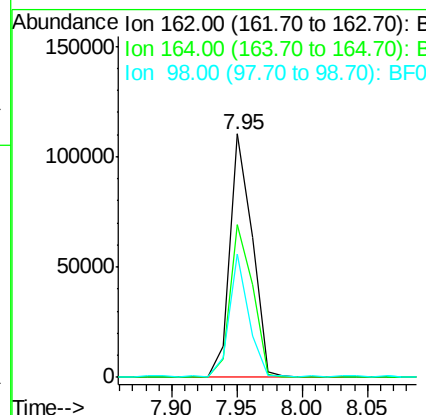
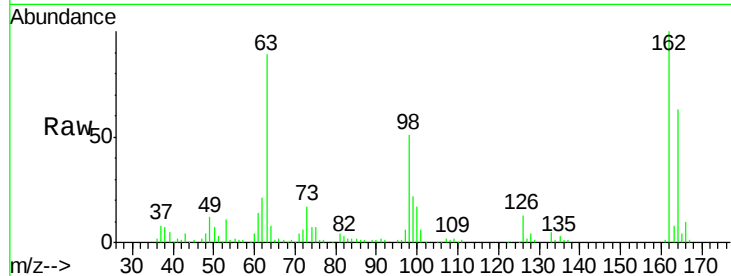




#29
 2,4-Dichlorophenol
 Concen: 37.62 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

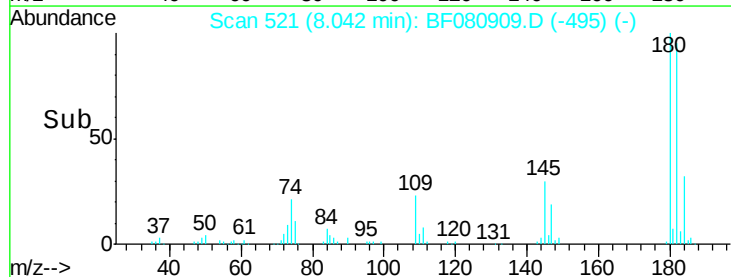
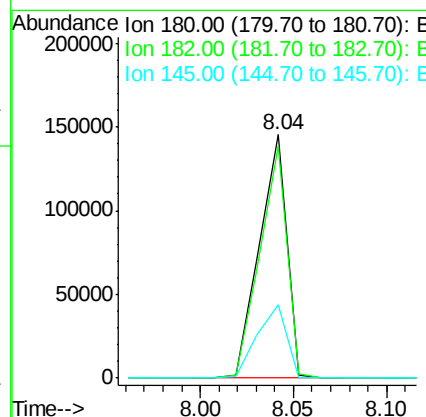
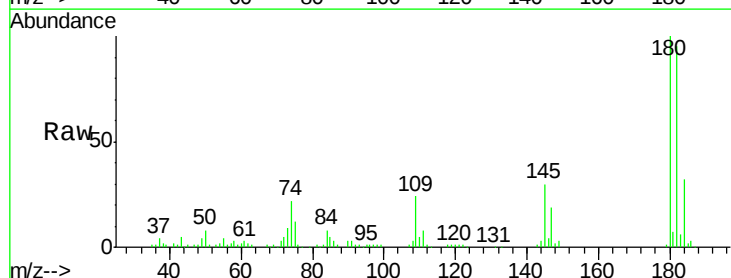
Instrument :
 BNA_F
 ClientSampled :

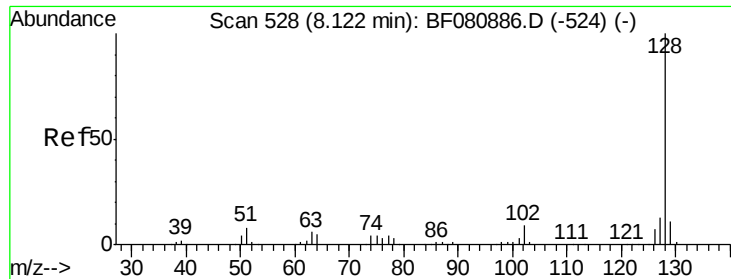
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.4	83.4
98	50.7	30.9	70.9



#30
 1,2,4-Trichlorobenzene
 Concen: 38.74 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
145	30.1	24.2	36.2

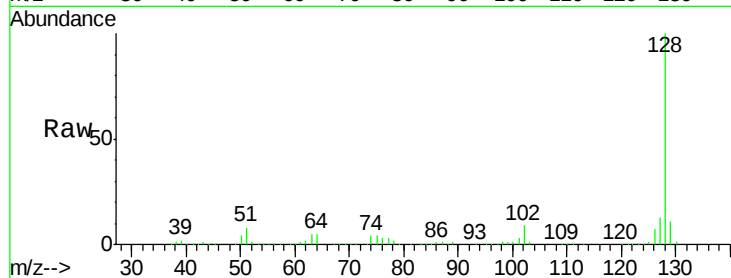




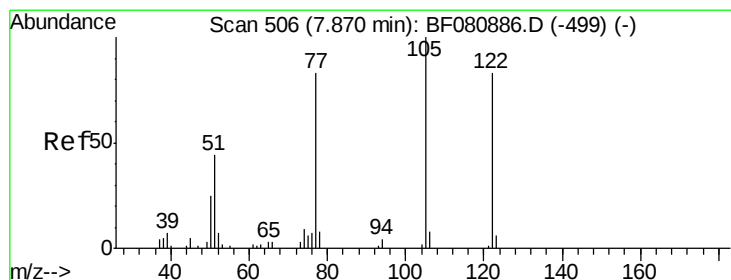
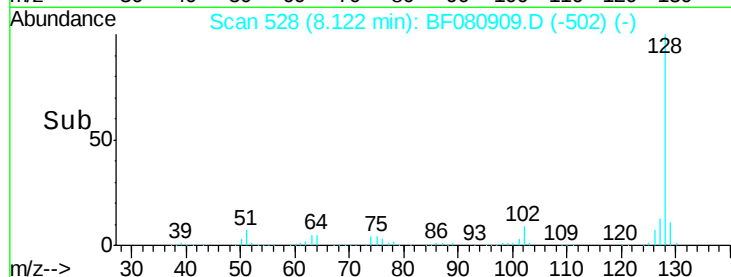
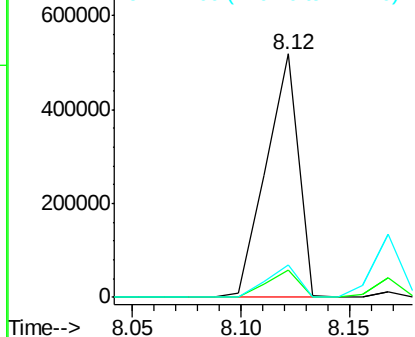
#31
Naphthalene
Concen: 39.69 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 543144
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.6 15.8

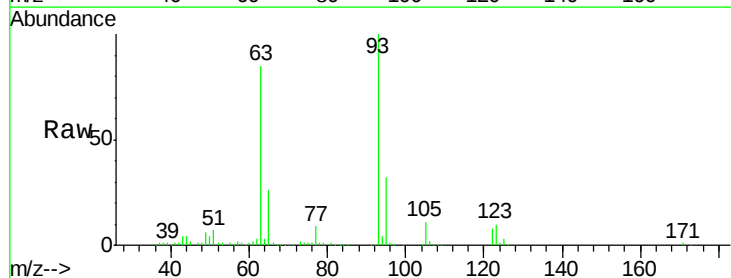


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

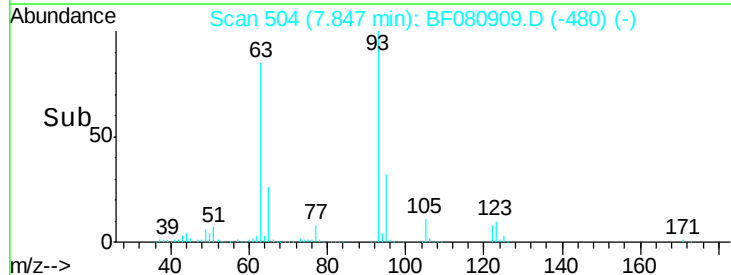
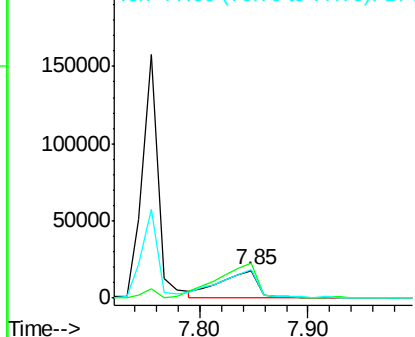


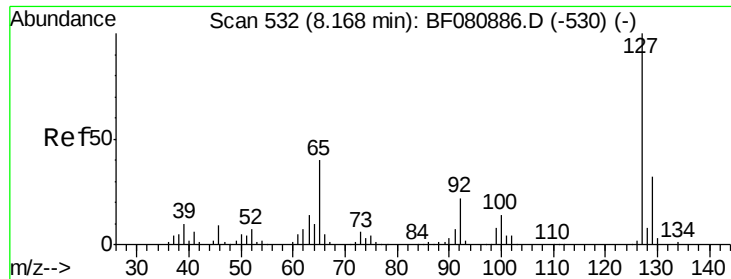
#32
Benzoic acid
Concen: 15.70 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:122 Resp: 43874
Ion Ratio Lower Upper
122 100
105 125.0 101.6 141.6
77 102.4 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

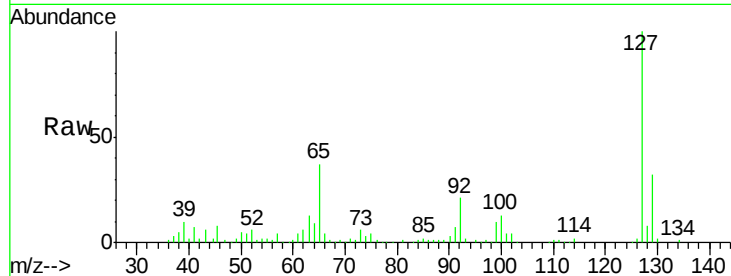




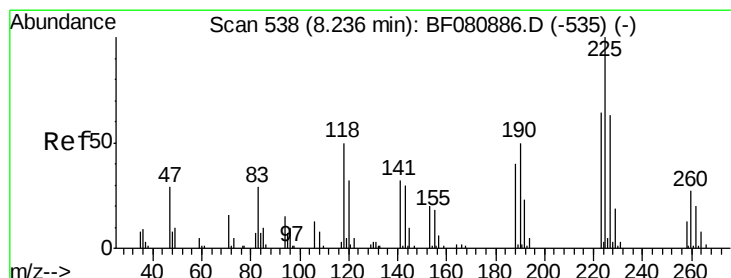
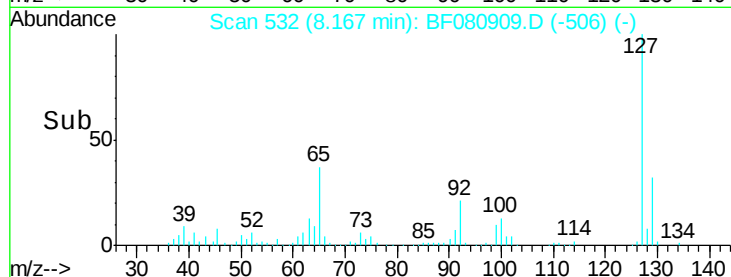
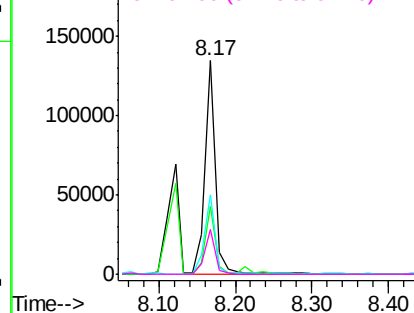
#33
4-Chloroaniline
Concen: 22.26 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	125884
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	37.1	31.7	47.5
92	20.7	17.6	26.4

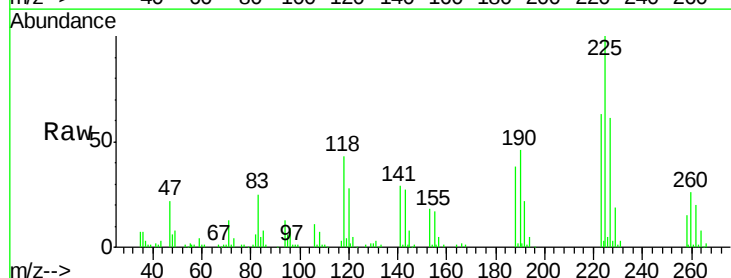


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

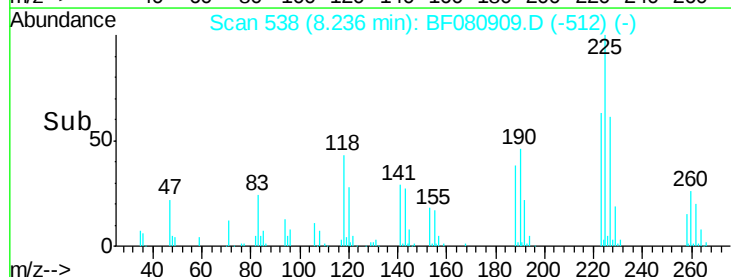
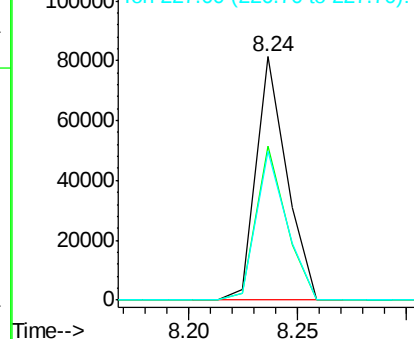


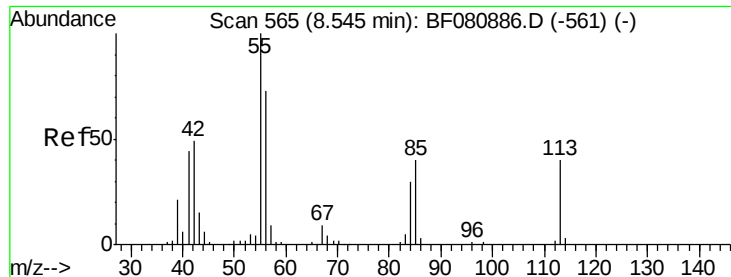
#34
Hexachlorobutadiene
Concen: 35.90 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:	225	Resp:	79323
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.2	76.8
227	61.4	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

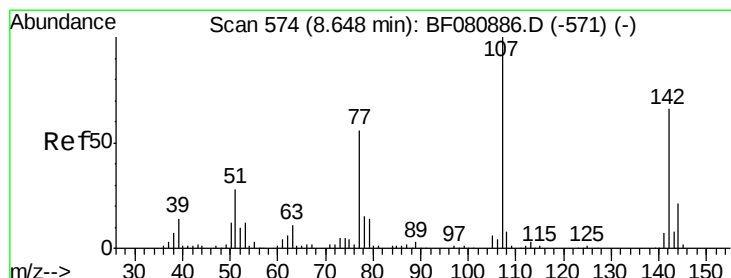
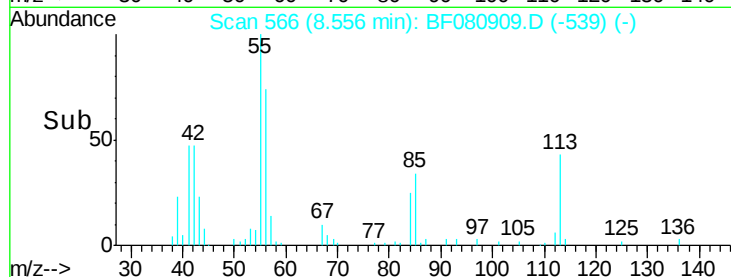
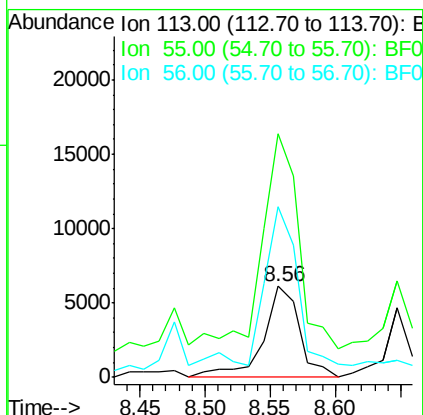
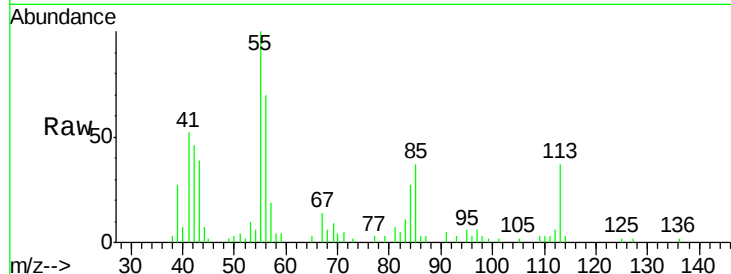




#35
 Caprolactam
 Concen: 9.15 ng
 RT: 8.56 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

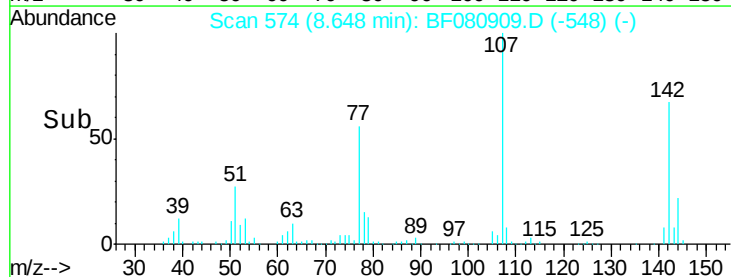
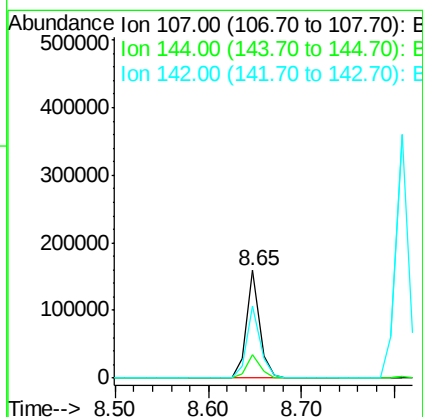
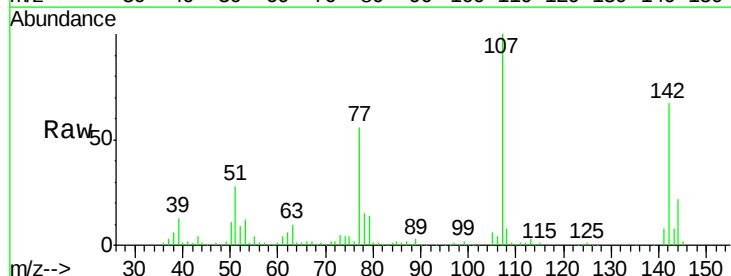
Instrument :
 BNA_F
 ClientSampled :

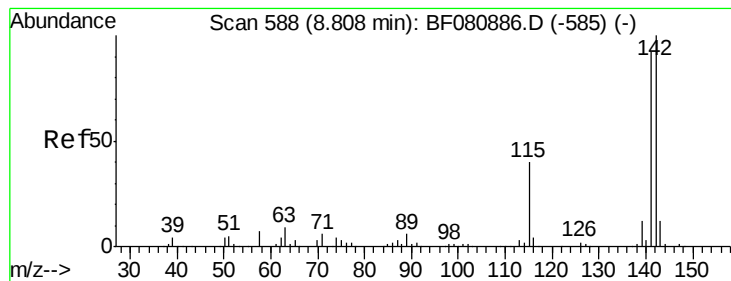
Tot Ion:113 Resp: 11964
 Ion Ratio Lower Upper
 113 100
 55 267.3 228.4 268.4
 56 187.1 161.5 201.5



#36
 4-Chloro-3-methylphenol
 Concen: 37.31 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:107 Resp: 157393
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.0 25.6
 142 67.4 52.6 78.8





#37

2-Methylnaphthalene

Concen: 39.70 ng

RT: 8.81 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

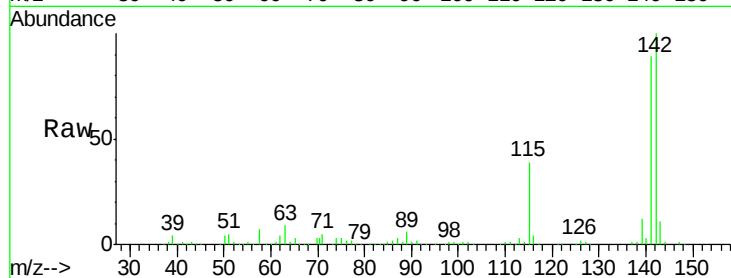
Tot Ion:142 Resp: 334896

Ion Ratio Lower Upper

142 100

141 88.9 73.5 110.3

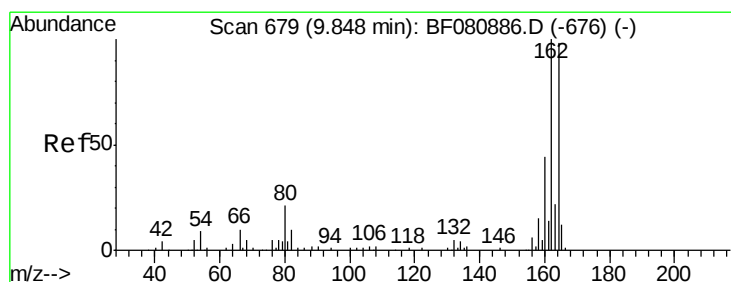
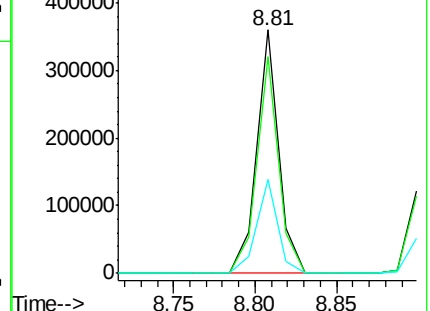
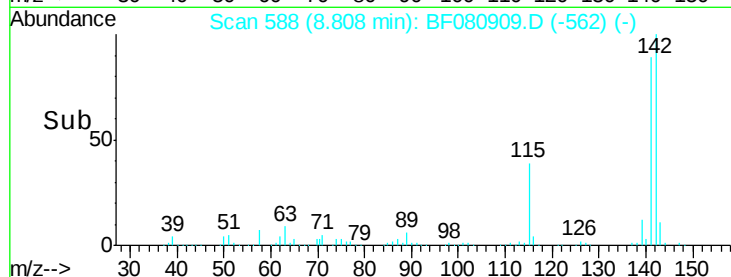
115 38.5 32.1 48.1



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: BF080909.D

Acq: 7 Aug 2015 2:41

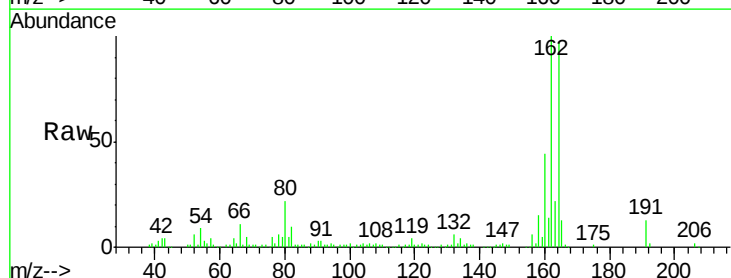
Tgt Ion:164 Resp: 116680

Ion Ratio Lower Upper

164 100

162 102.8 81.5 122.3

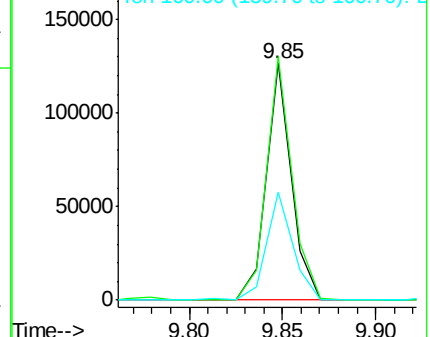
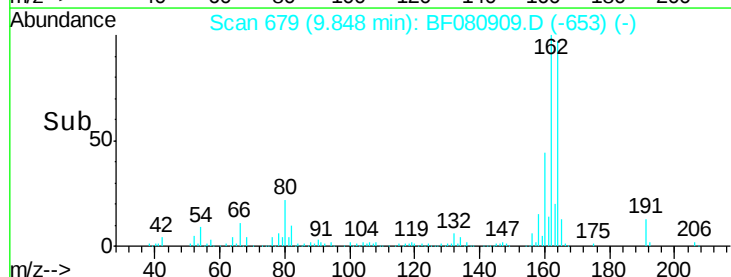
160 45.7 35.9 53.9

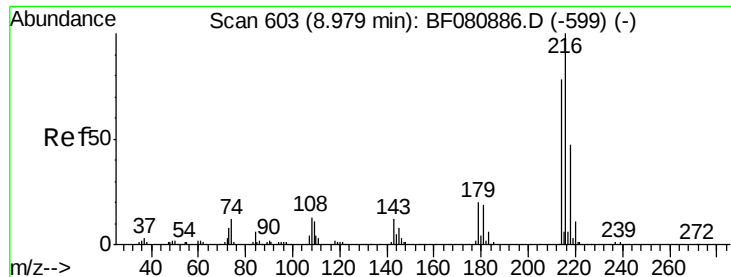


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

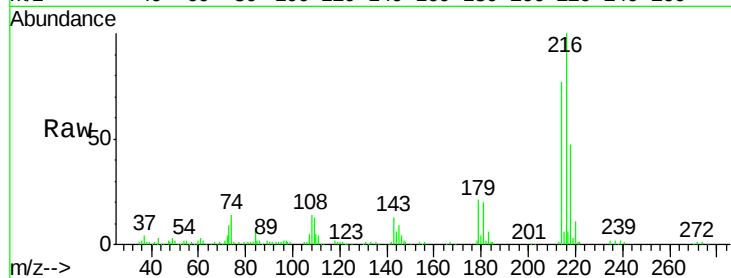




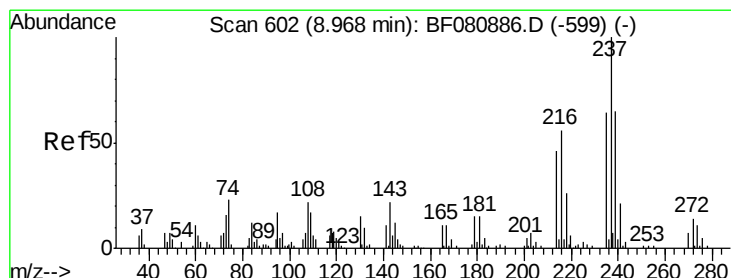
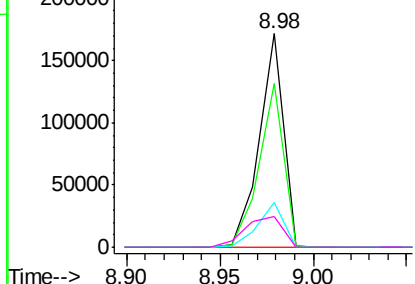
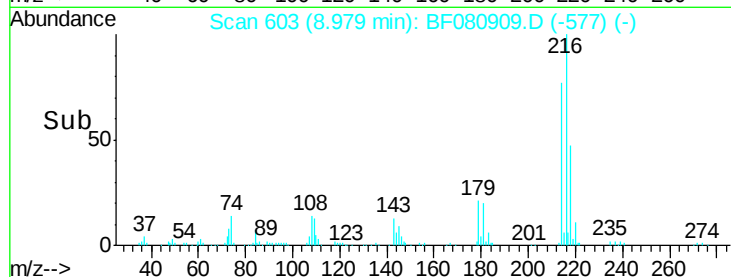
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.30 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	153893
Ion Ratio	Lower	Upper
216	100	
214	77.7	62.8 94.2
179	22.3	17.0 25.6
108	23.0	16.7 25.1

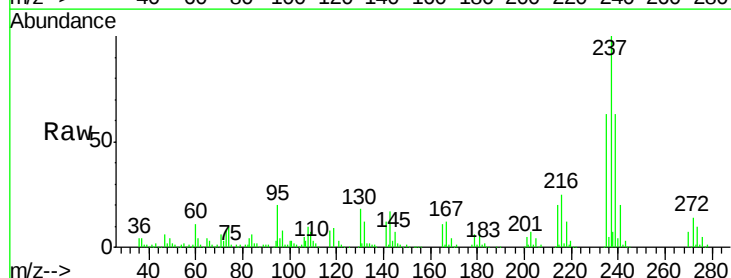


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

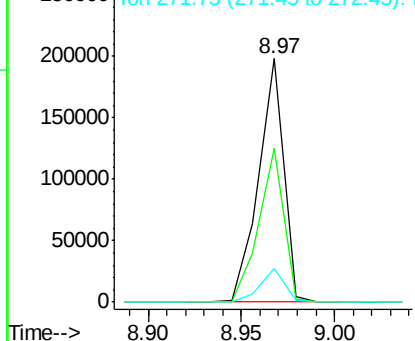
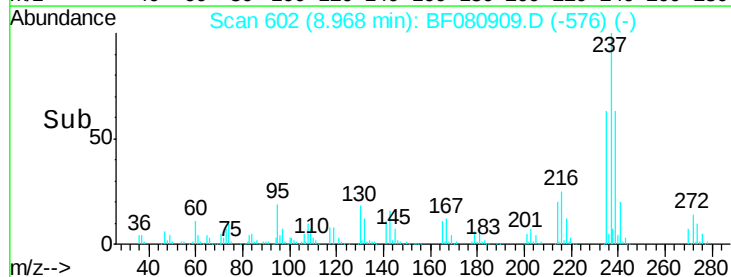


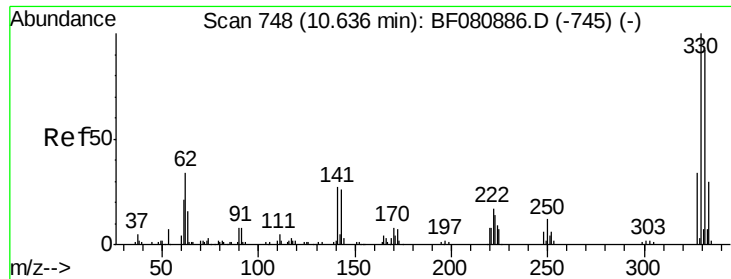
#40
 Hexachlorocyclopentadiene
 Concen: 90.03 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:237	Resp:	183601
Ion Ratio	Lower	Upper
237	100	
235	63.2	43.7 83.7
272	13.6	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

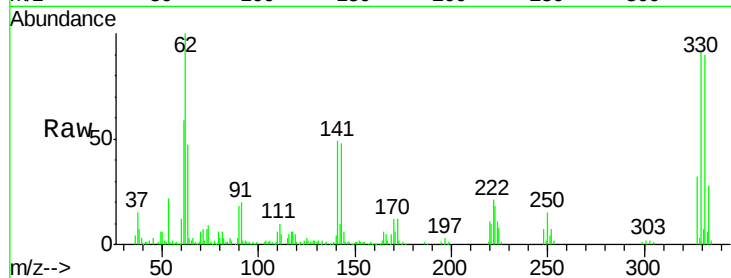




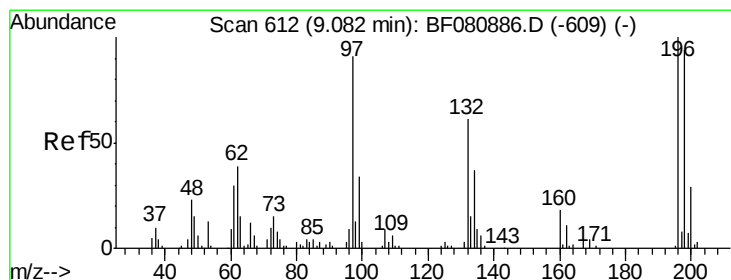
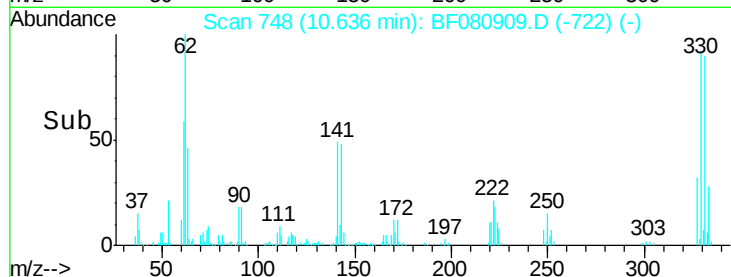
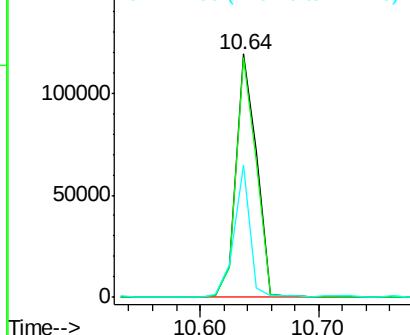
#41
 2,4,6-Tribromophenol
 Concen: 115.05 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	74.1	111.1
141	41.1	30.1	45.1

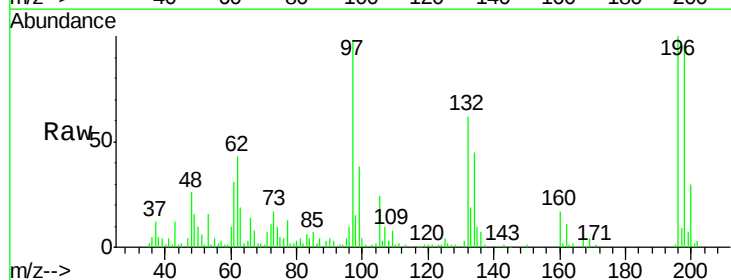


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

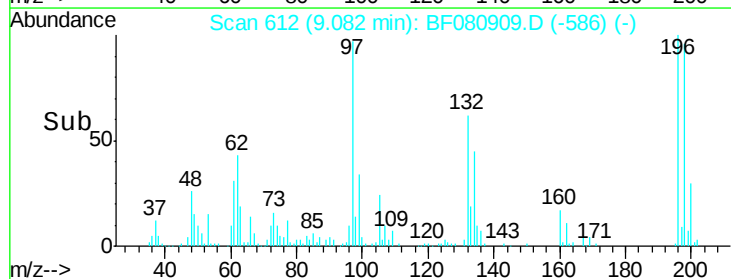
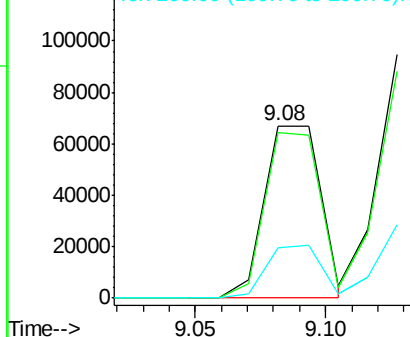


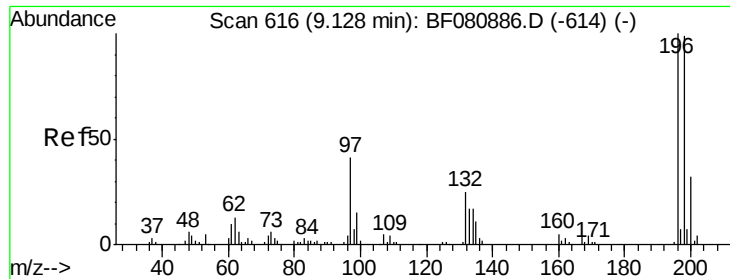
#42
 2,4,6-Trichlorophenol
 Concen: 38.10 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.9	112.3
200	29.5	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

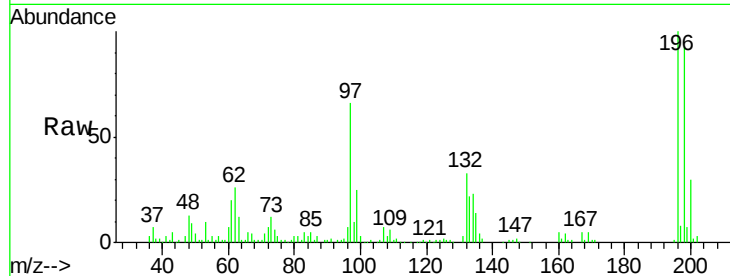




#43
 2,4,5-Trichlorophenol
 Concen: 39.59 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.0	78.7	118.1
97	66.3	33.9	50.9
132	32.9	20.1	30.1



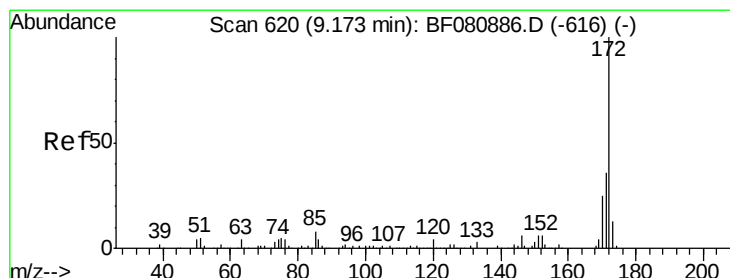
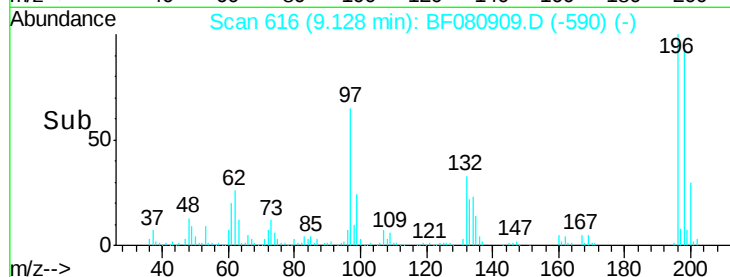
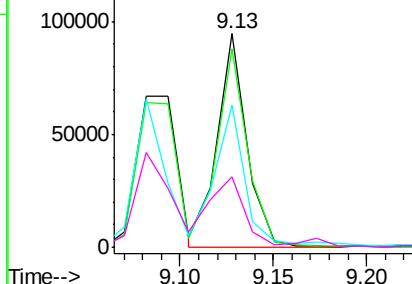
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

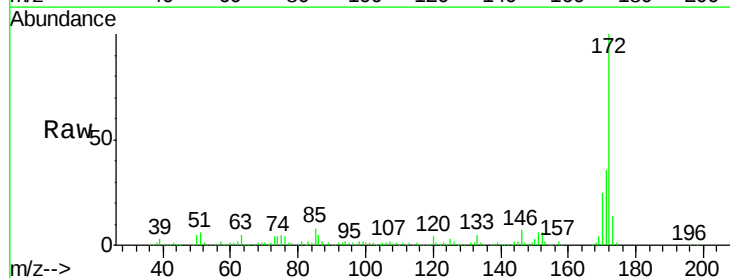
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.35 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.6	19.9	29.9

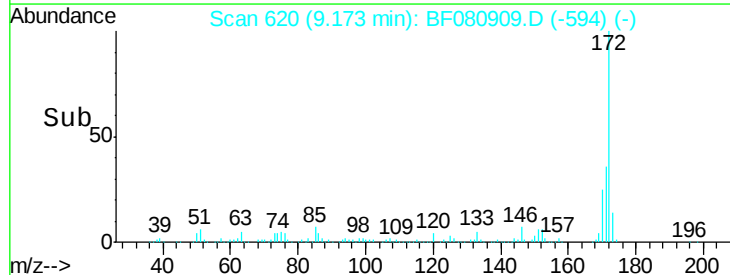
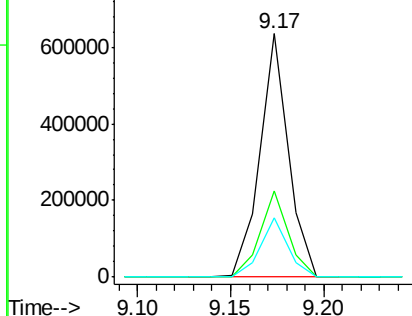


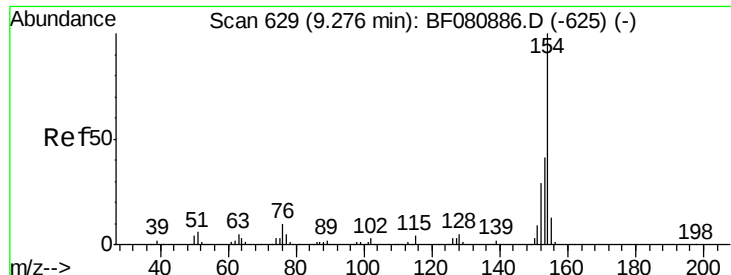
Abundance

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: 46.64 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

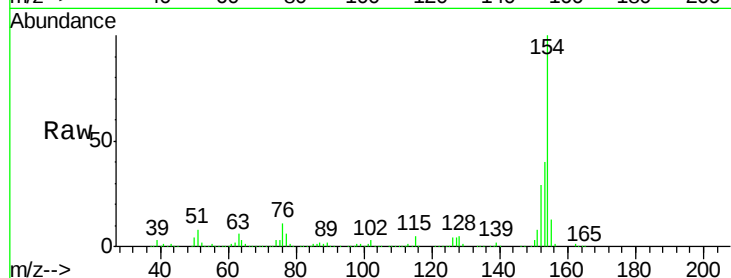
Tot Ion:154 Resp: 460412

Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

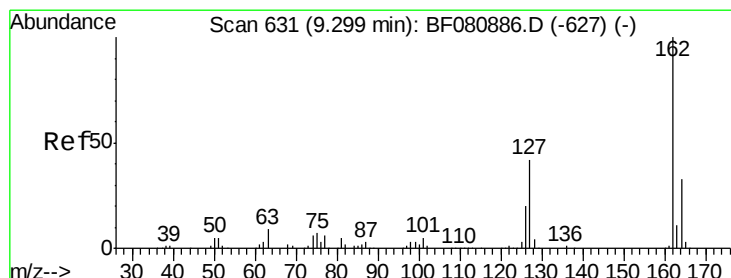
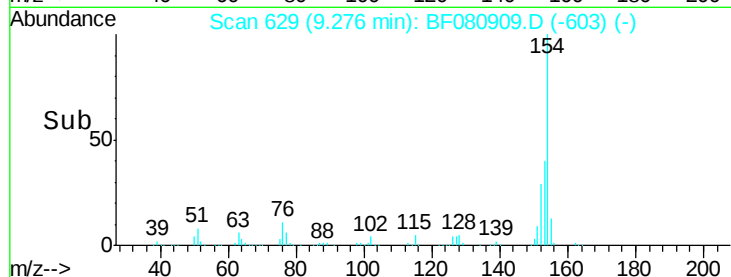
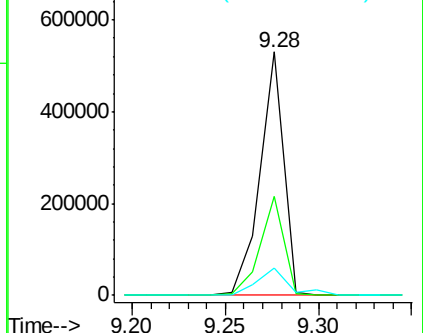
76 11.2 0.0 30.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.16 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

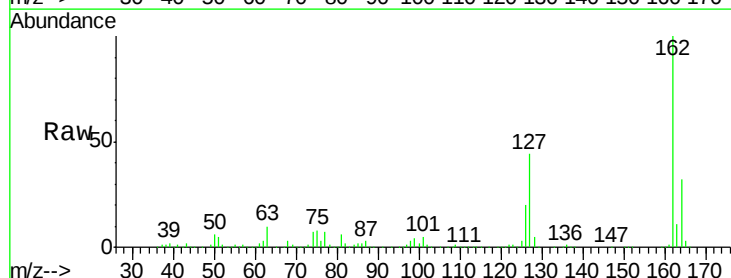
Tgt Ion:162 Resp: 340841

Ion Ratio Lower Upper

162 100

127 43.7 33.5 50.3

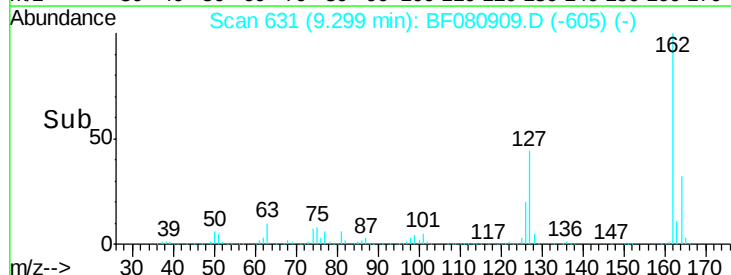
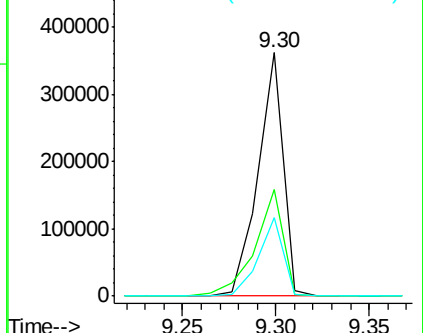
164 32.2 26.5 39.7

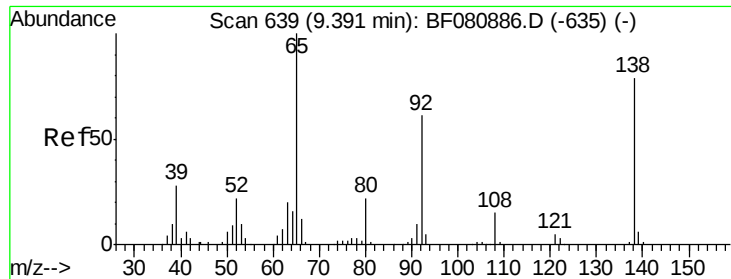


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

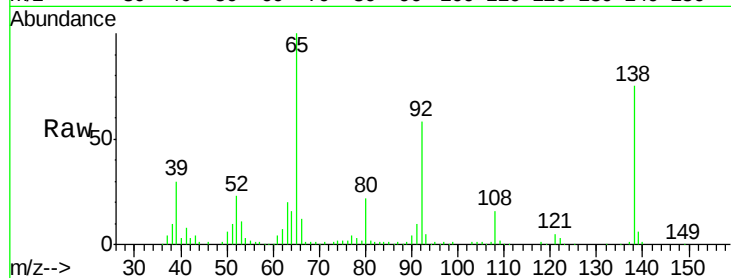




#47
2-Nitroaniline
Concen: 39.48 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
65	100		
92	58.1	48.5	72.7
138	75.2	63.3	94.9

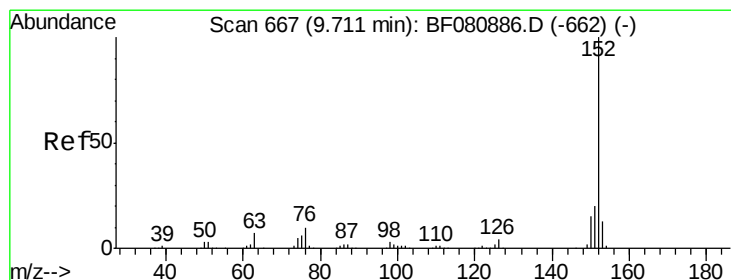
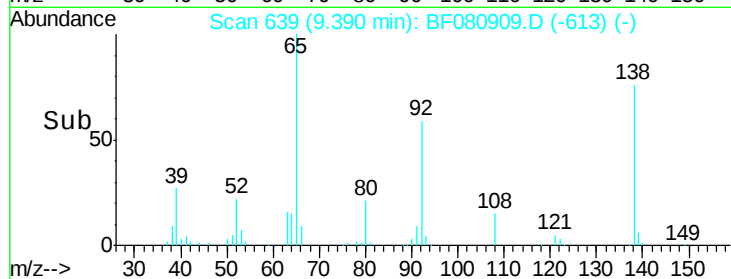
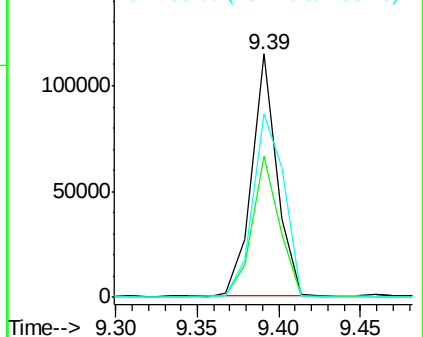


Abundance

Ion 65.00 (64.70 to 65.70): BF0

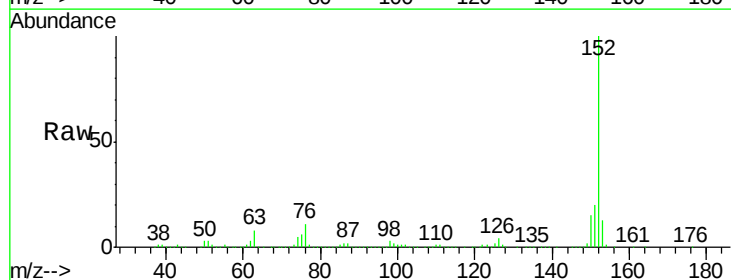
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 38.73 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	13.5	10.6	16.0

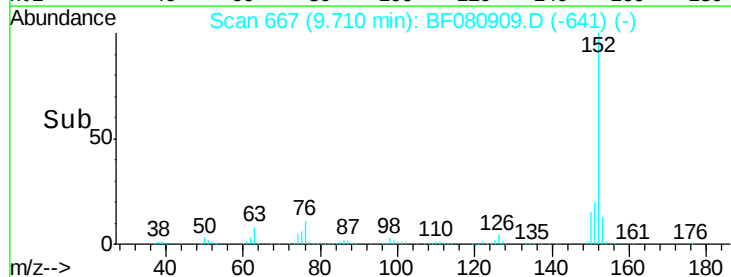
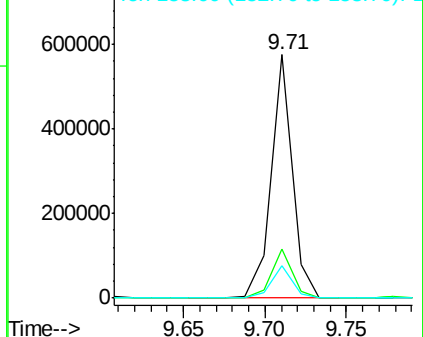


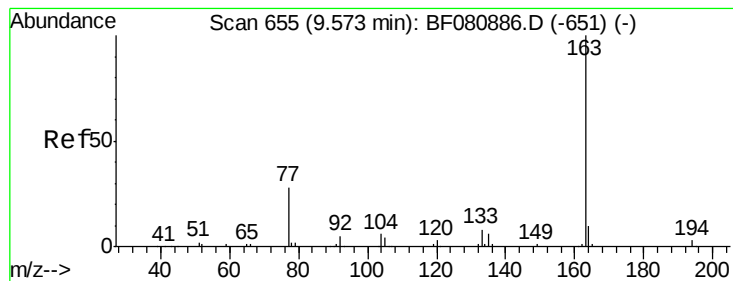
Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





#49

Dimethylphthalate

Concen: 48.49 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

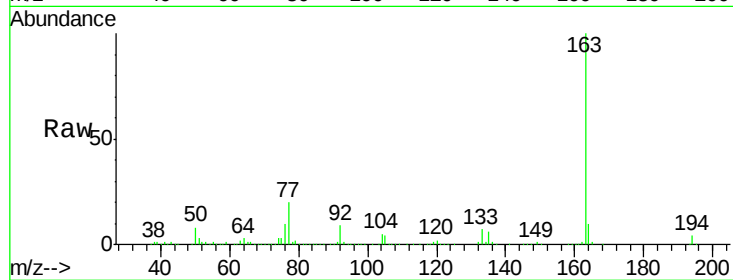
Tot Ion:163 Resp: 449285

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5#

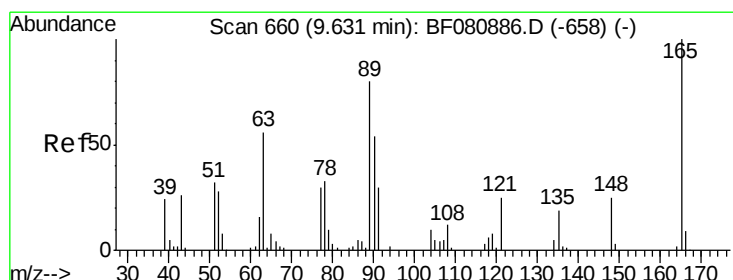
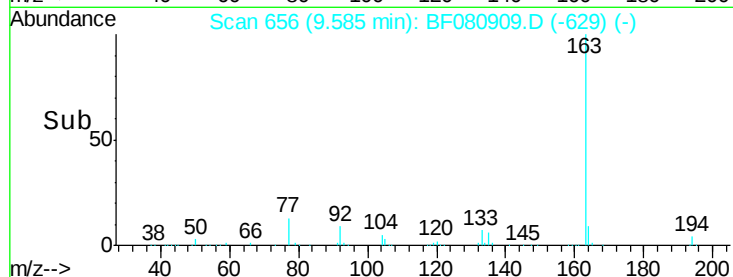
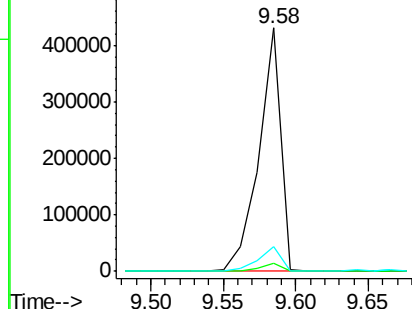
164 10.0 8.3 12.5



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: 47.78 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

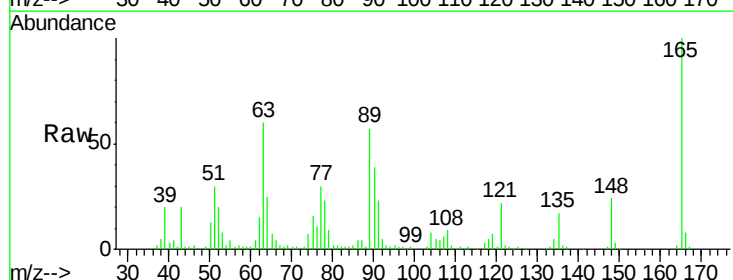
Tgt Ion:165 Resp: 94942

Ion Ratio Lower Upper

165 100

63 59.6 77.6 116.4#

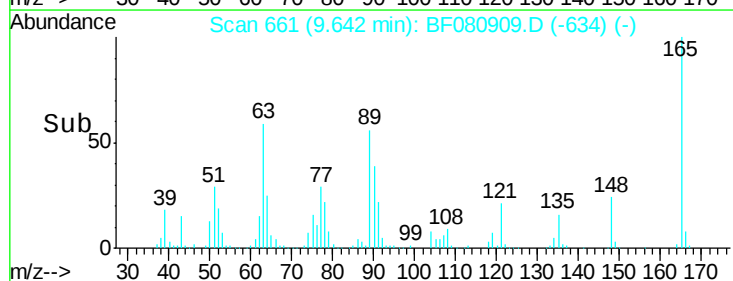
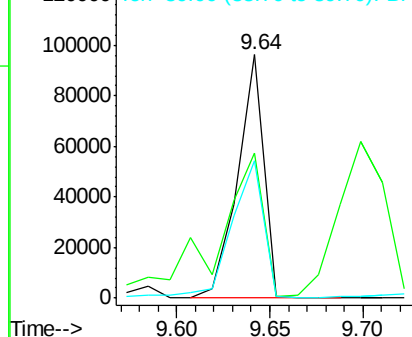
89 56.7 63.7 95.5#

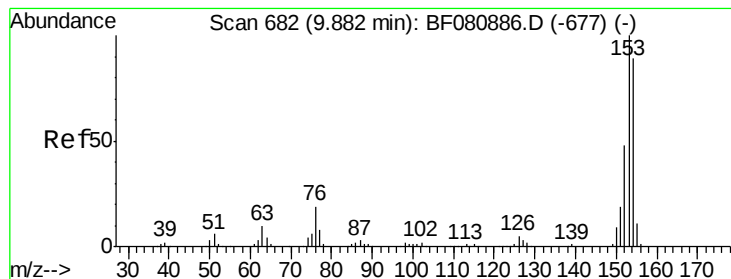


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.13 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

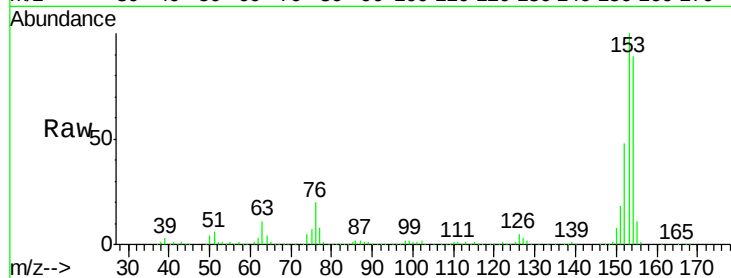
Tot Ion:154 Resp: 371229

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

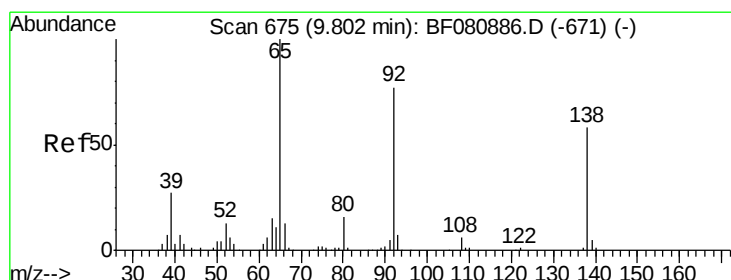
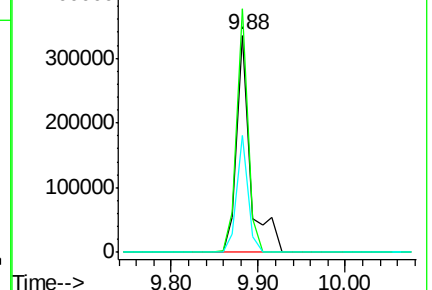
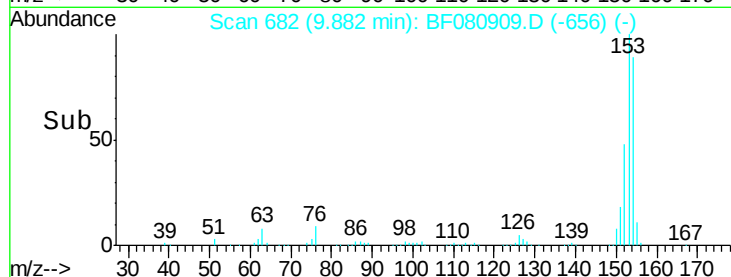
152 53.8 43.6 65.4



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: 24.40 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

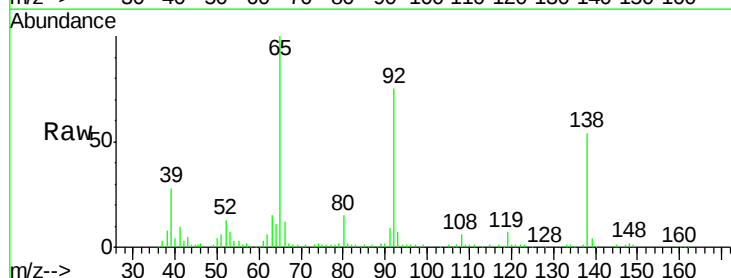
Tgt Ion:138 Resp: 59949

Ion Ratio Lower Upper

138 100

108 11.8 8.9 13.3

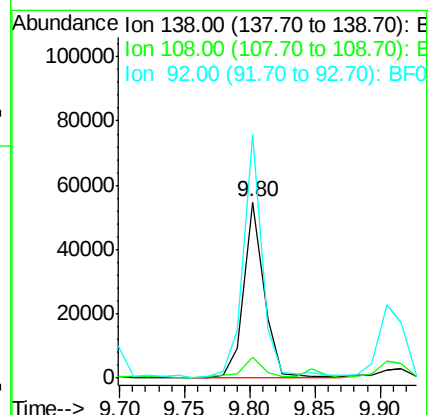
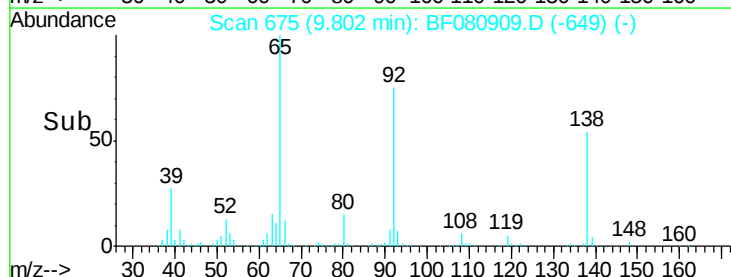
92 138.1 106.2 159.2

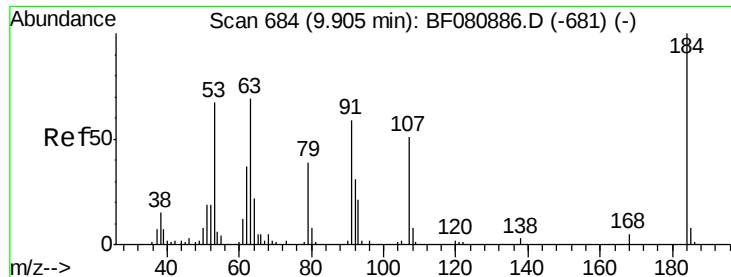


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

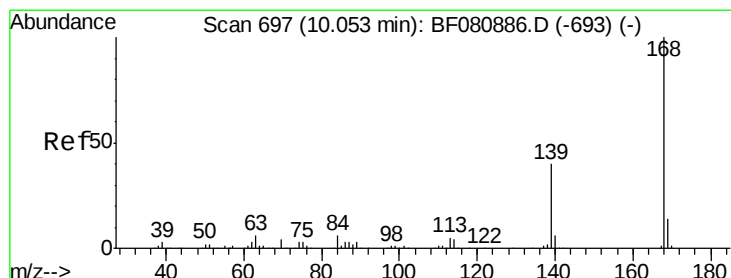
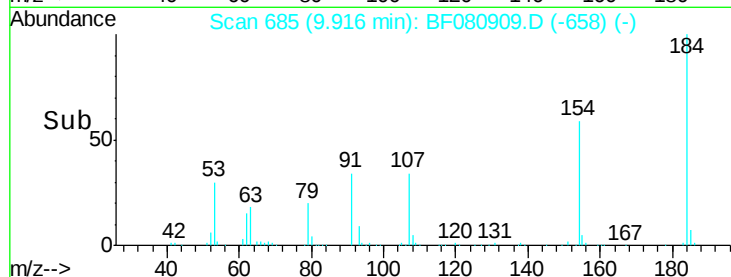
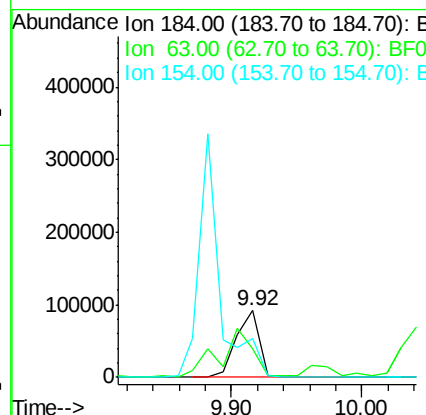
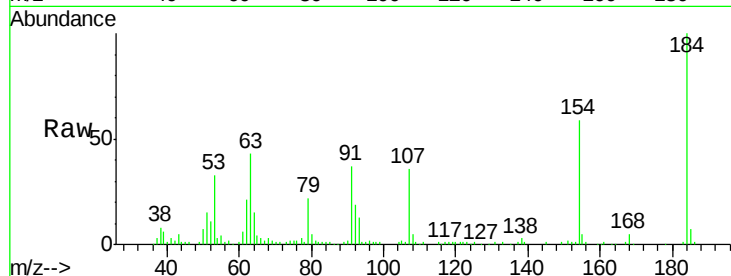




#53
 2,4-Dinitrophenol
 Concen: 101.53 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

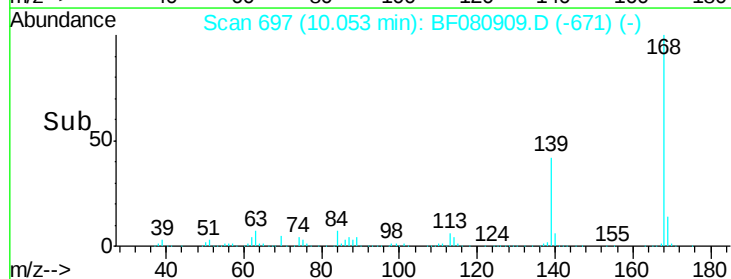
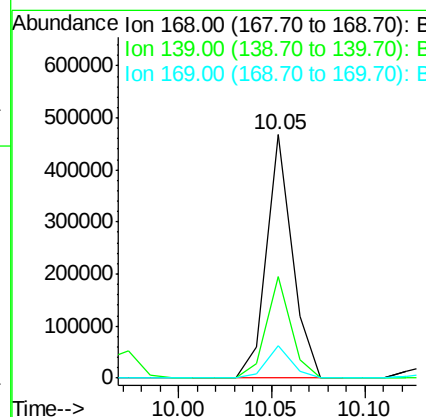
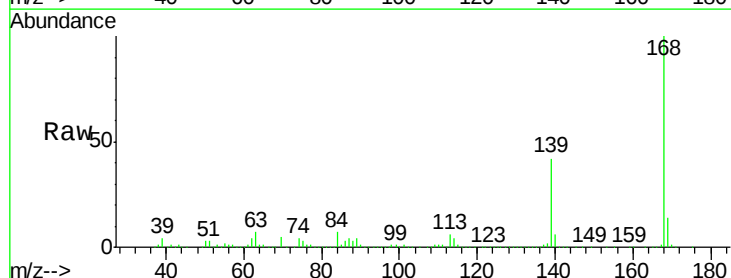
Instrument :
 BNA_F
 ClientSampleId :

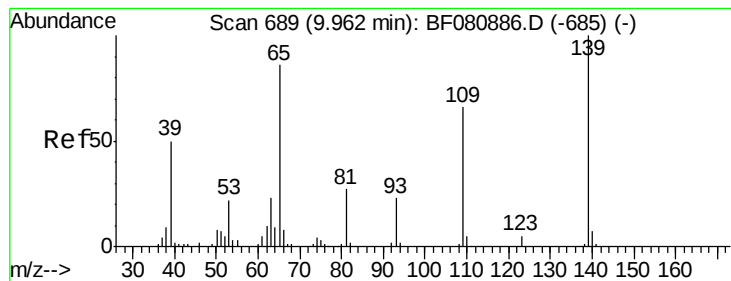
Tot Ion:184 Resp: 110539
 Ion Ratio Lower Upper
 184 100
 63 43.5 67.6 101.4#
 154 59.2 54.3 81.5



#54
 Dibenzofuran
 Concen: 40.00 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:168 Resp: 445616
 Ion Ratio Lower Upper
 168 100
 139 41.6 31.8 47.8
 169 13.6 10.8 16.2





#55

4-Nitrophenol

Concen: 37.54 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF080909.D

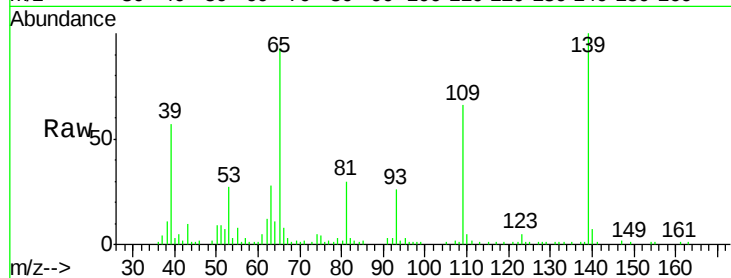
Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

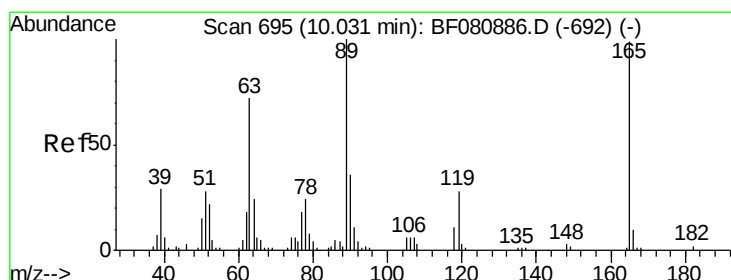
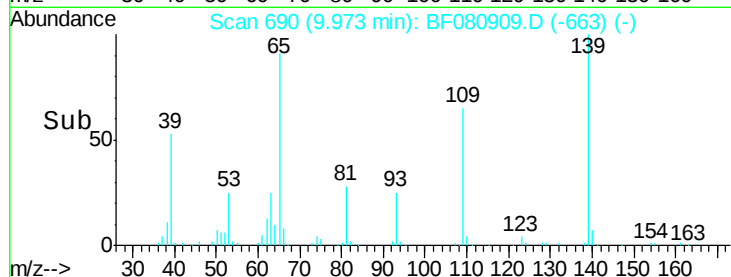
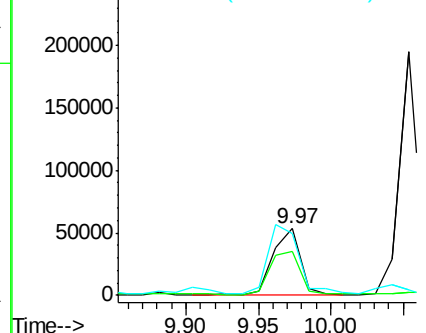
Tot Ion:139	Resp:	69597
Ion Ratio	Lower	Upper
139	100	
109	66.3	46.4 86.4
65	92.6	65.6 105.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.42 ng

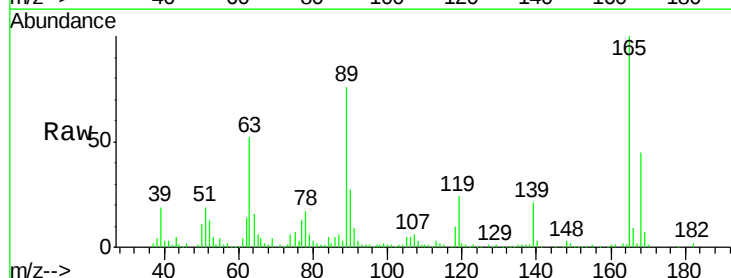
RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:165	Resp:	132091
Ion Ratio	Lower	Upper
165	100	
63	51.6	58.6 87.8#
89	75.9	80.7 121.1#
182	2.1	1.8 2.8

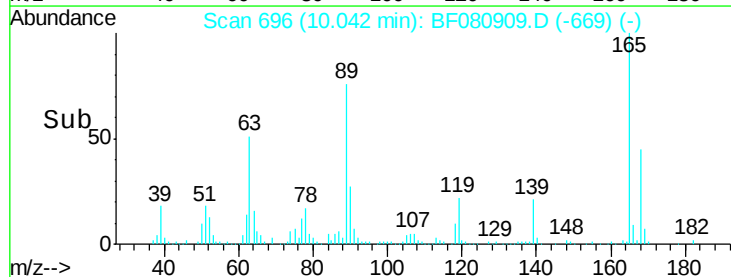
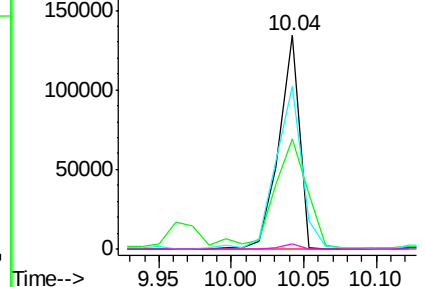


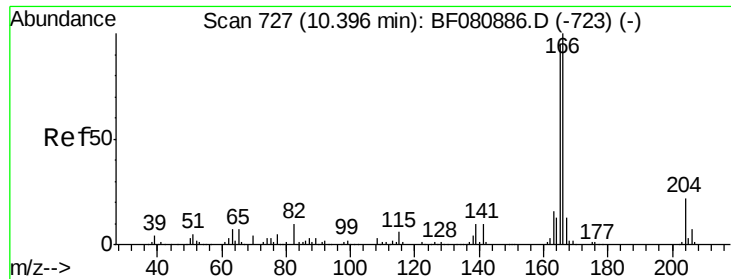
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.15 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampled :

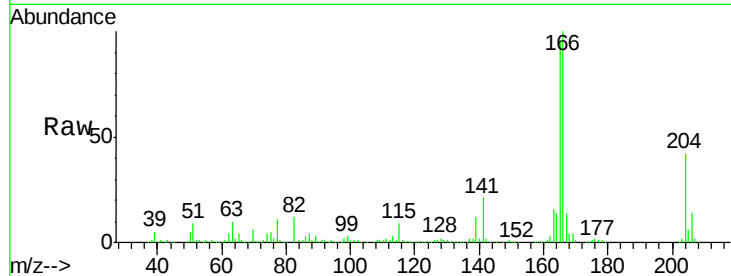
Tot Ion:166 Resp: 349946

Ion Ratio Lower Upper

166 100

165 95.5 75.9 113.9

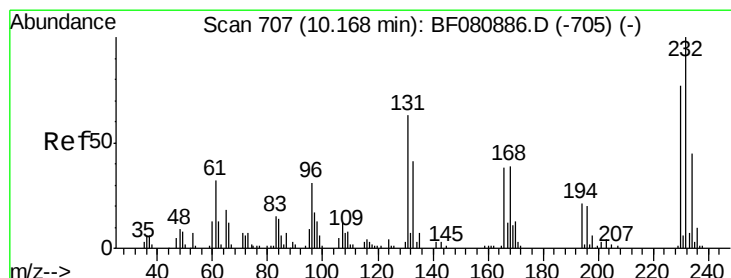
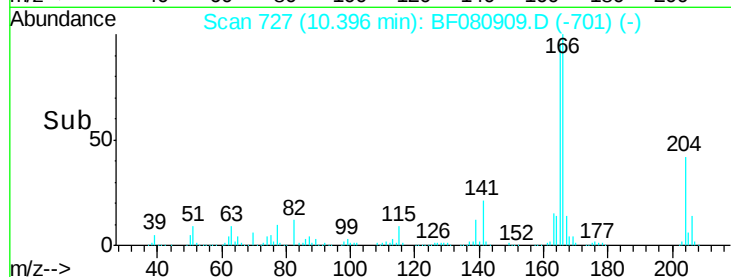
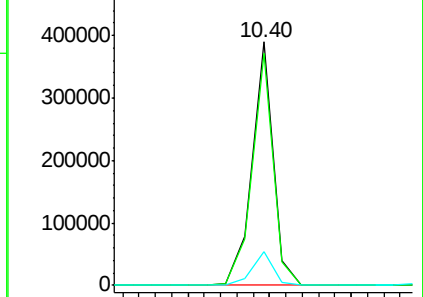
167 14.1 10.8 16.2



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: 41.35 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:232 Resp: 87713

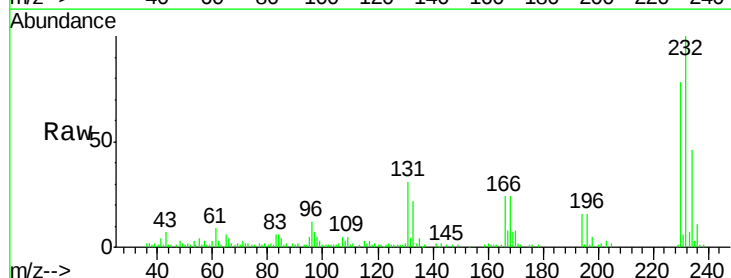
Ion Ratio Lower Upper

232 100

131 54.4 44.9 67.3

130 3.3 1.9 2.9#

166 33.5 27.2 40.8

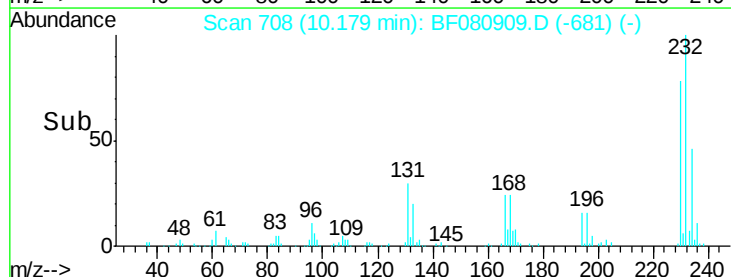
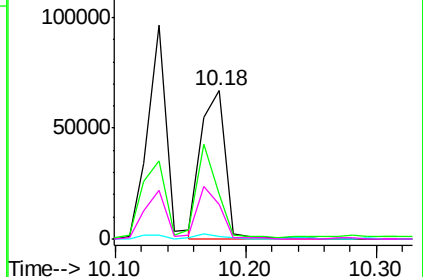


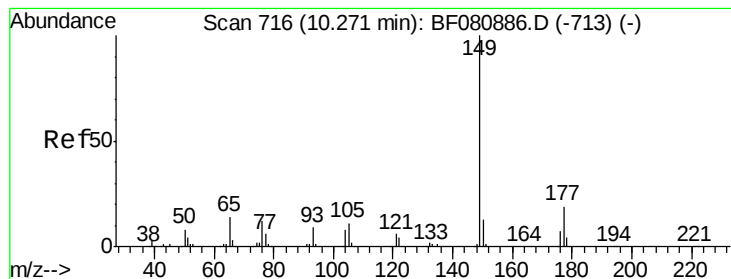
Abundance Ion 232.00 (231.70 to 232.70): E

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: 45.24 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

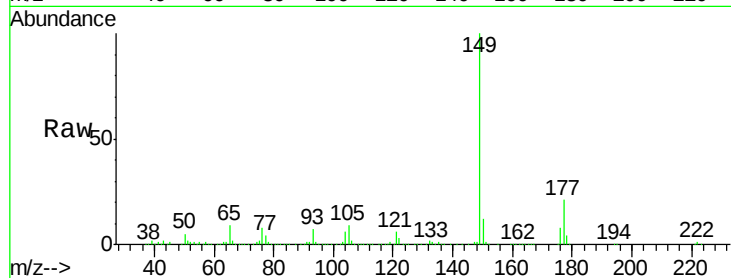
Tot Ion:149 Resp: 456670

Ion Ratio Lower Upper

149 100

177 21.4 14.9 22.3

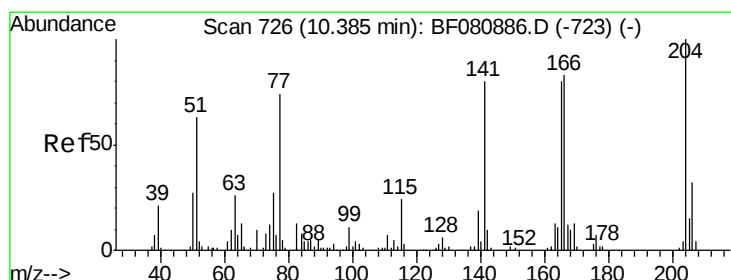
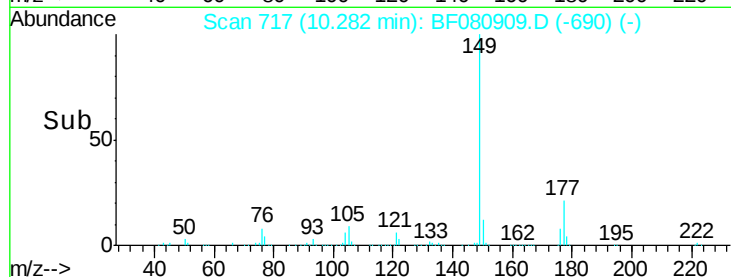
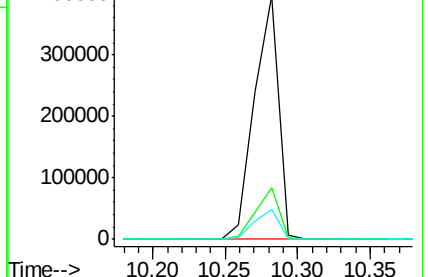
150 12.4 10.1 15.1



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: 43.53 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

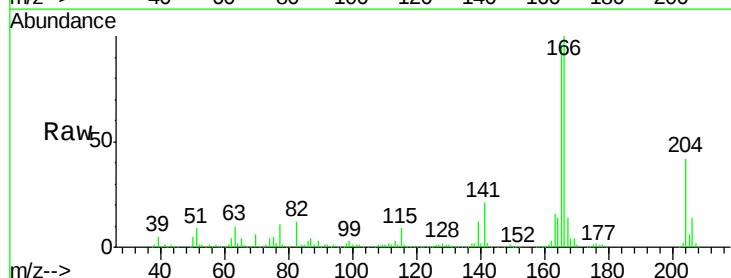
Tgt Ion:204 Resp: 177840

Ion Ratio Lower Upper

204 100

206 32.9 25.8 38.6

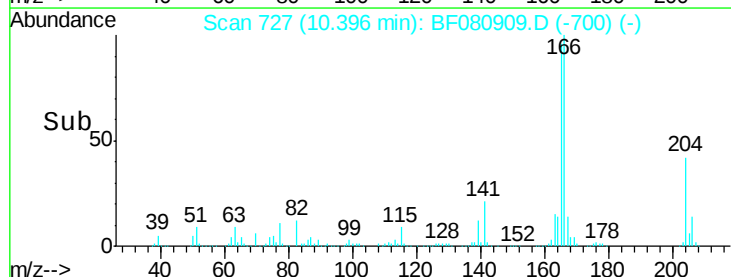
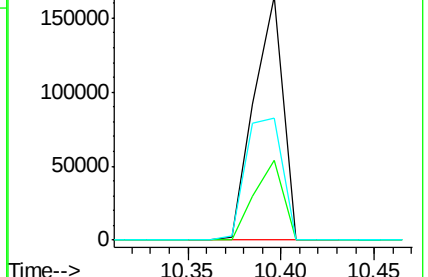
141 50.2 63.8 95.6#

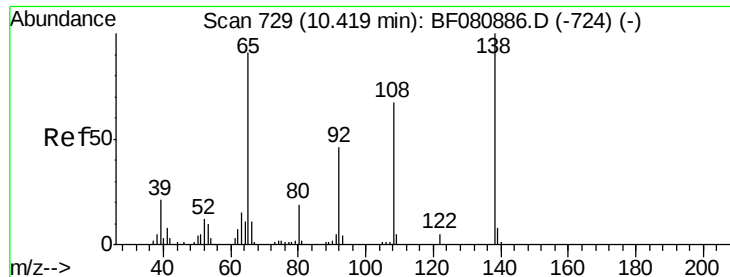


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

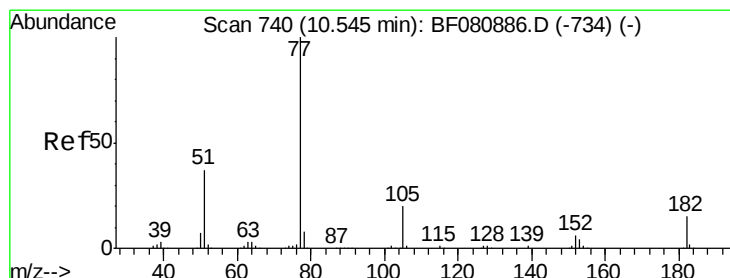
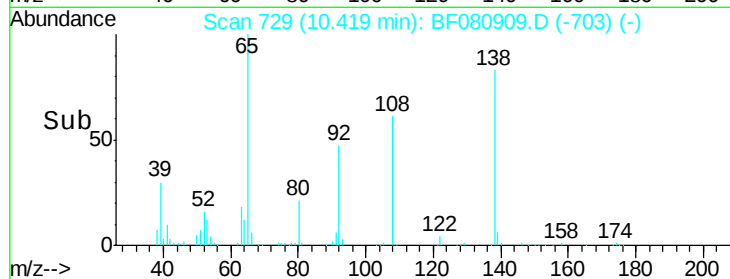
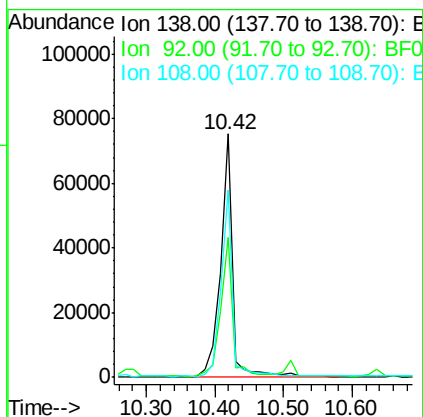
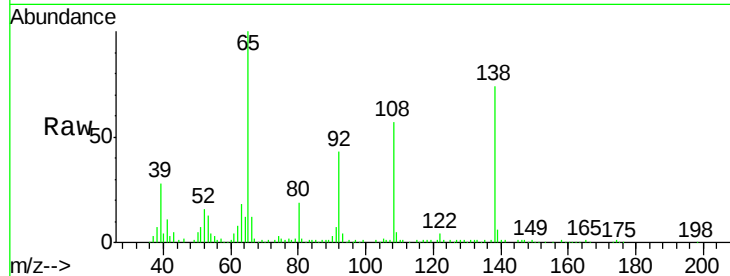




#61
4-Nitroaniline
Concen: 37.20 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

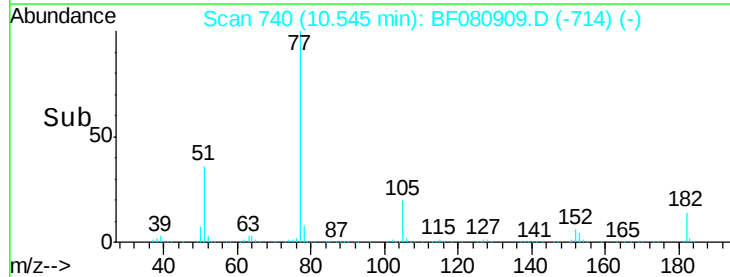
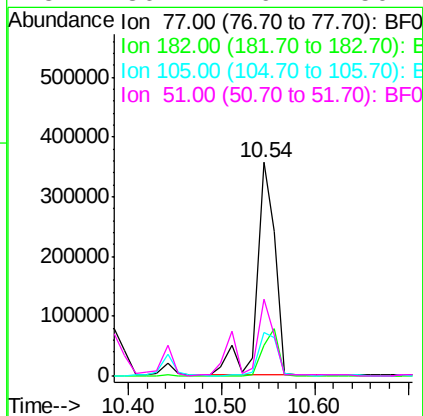
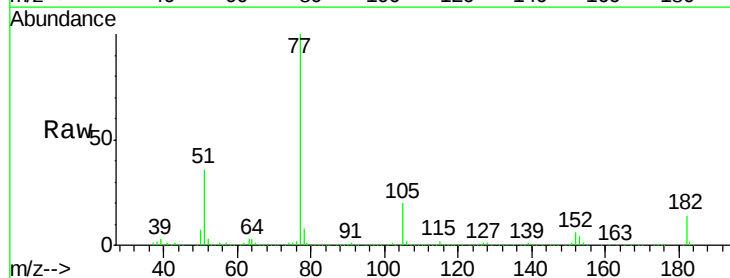
Instrument :
BNA_F
ClientSampled :

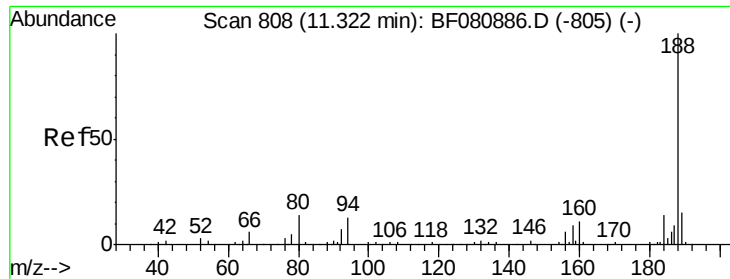
Tot Ion:138 Resp: 93743
Ion Ratio Lower Upper
138 100
92 57.3 25.6 65.6
108 76.9 46.9 86.9



#62
Azobenzene
Concen: 43.16 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion: 77 Resp: 477360
Ion Ratio Lower Upper
77 100
182 14.3 0.0 34.5
105 20.1 0.2 40.2
51 36.1 16.7 56.7

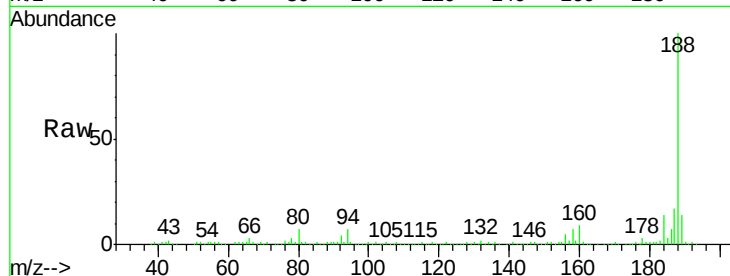




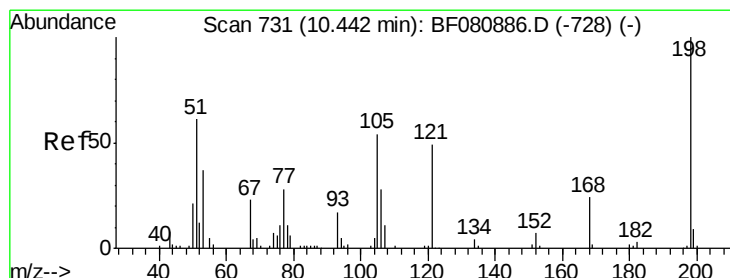
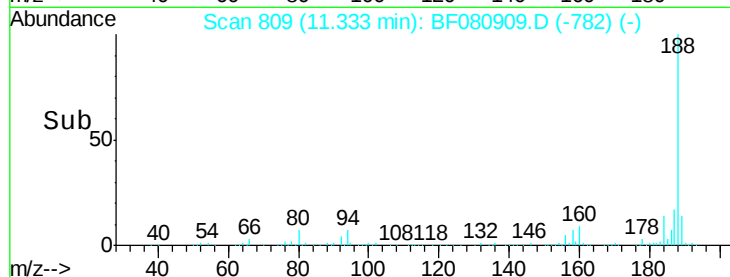
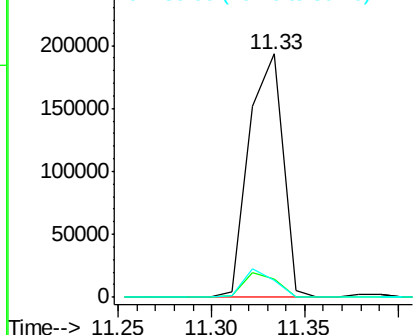
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 244657
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.2 15.2#
 80 7.1 11.4 17.2#

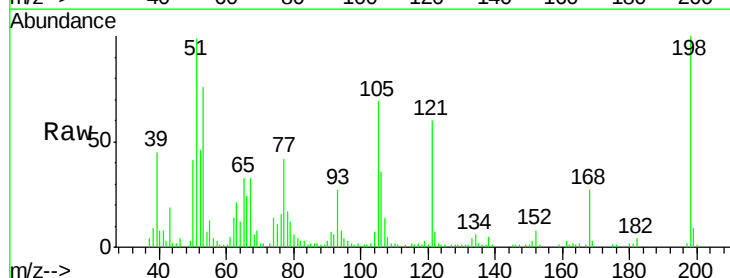


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

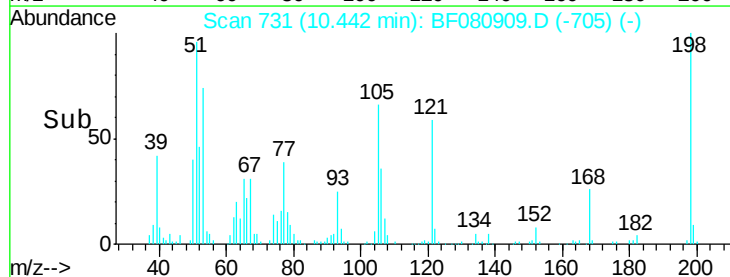
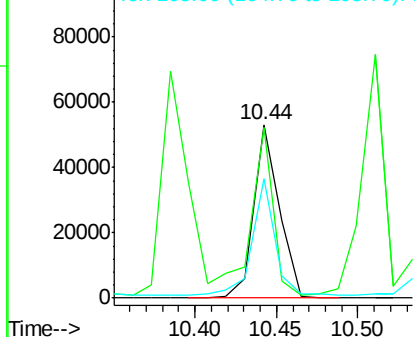


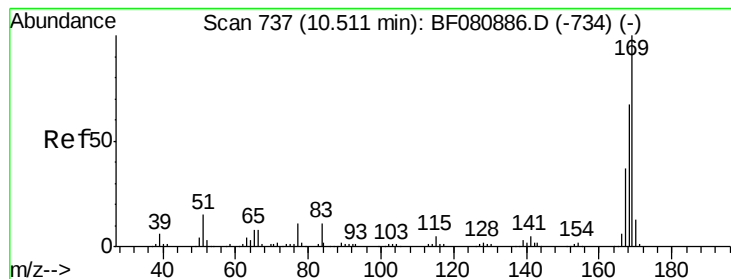
#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.99 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:198 Resp: 57361
 Ion Ratio Lower Upper
 198 100
 51 98.6 47.9 87.9#
 105 68.8 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

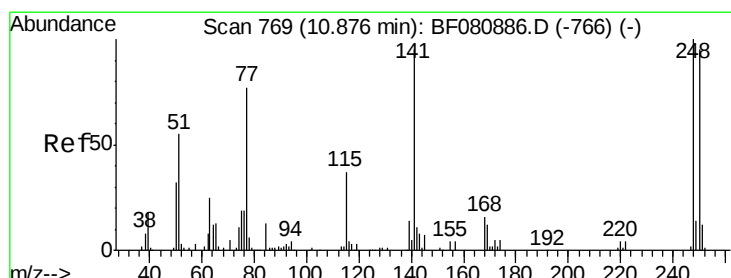
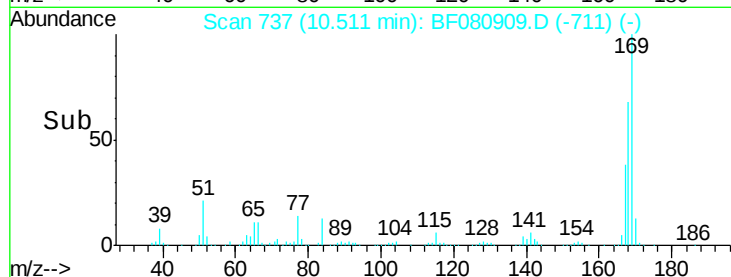
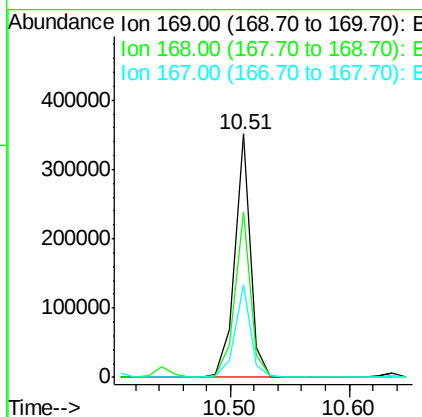
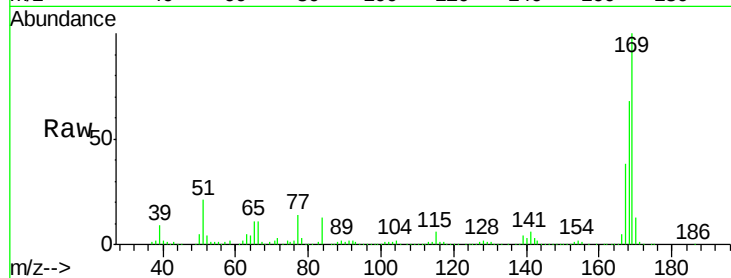




#65
 n-Nitrosodiphenylamine
 Concen: 37.03 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

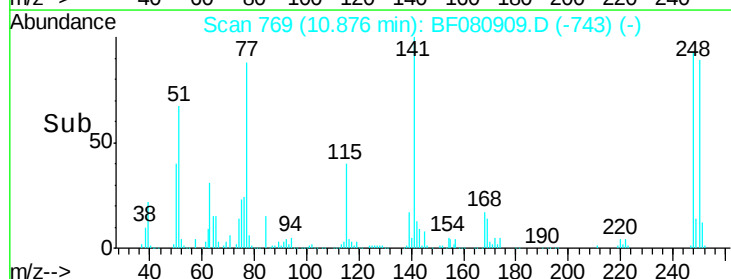
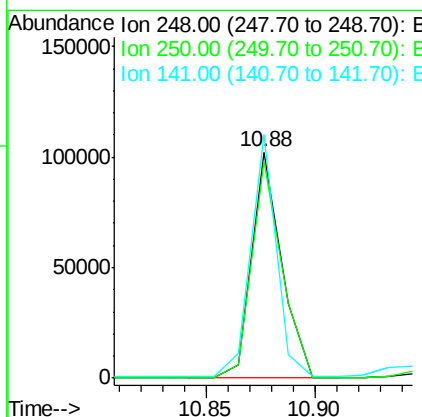
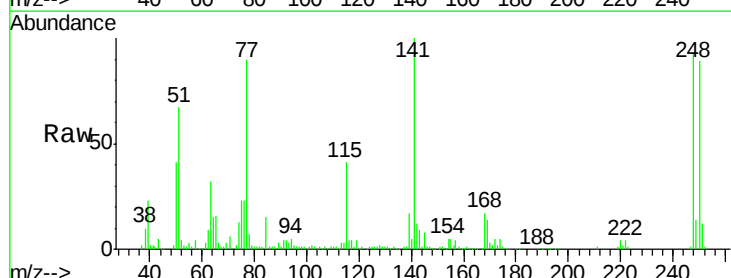
Instrument :
 BNA_F
 ClientSampleId :

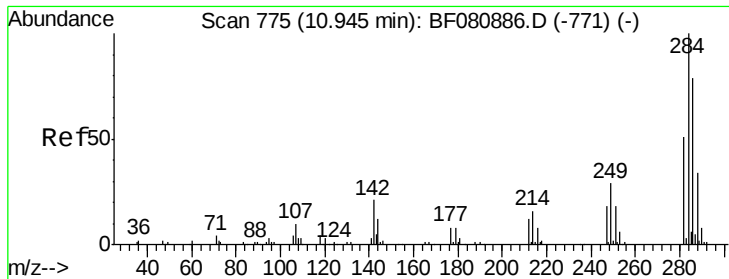
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.0	81.0
167	38.1	29.8	44.8



#66
 4-Bromophenyl-phenylether
 Concen: 36.78 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.9	113.9
141	107.6	75.8	113.6

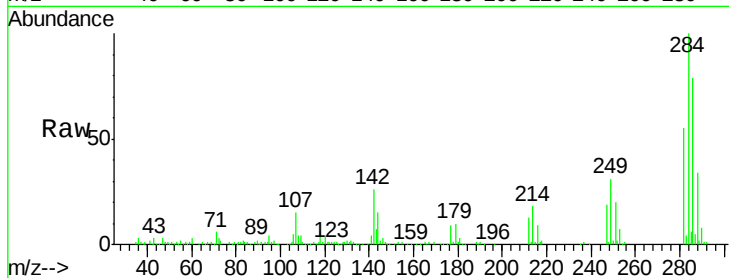




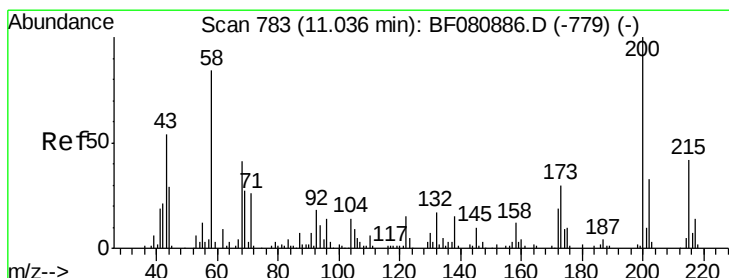
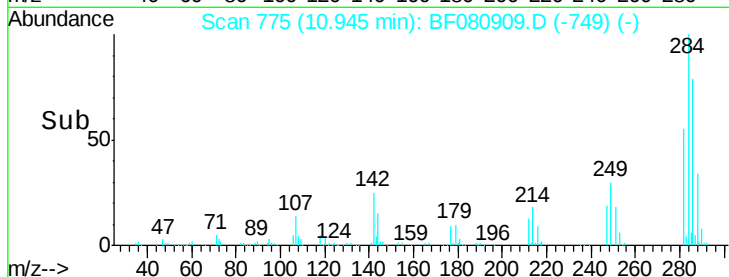
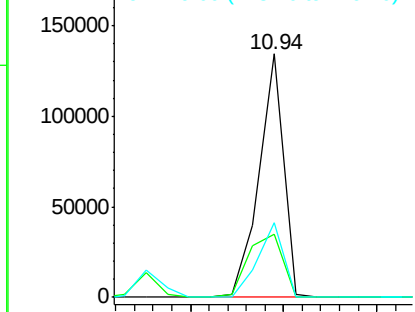
#67
Hexachlorobenzene
Concen: 42.31 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.7	16.4	24.6
249	30.7	23.1	34.7

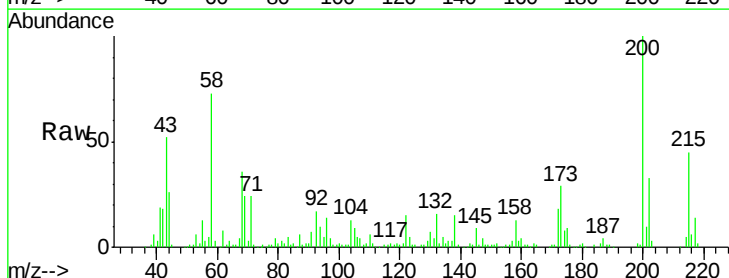


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

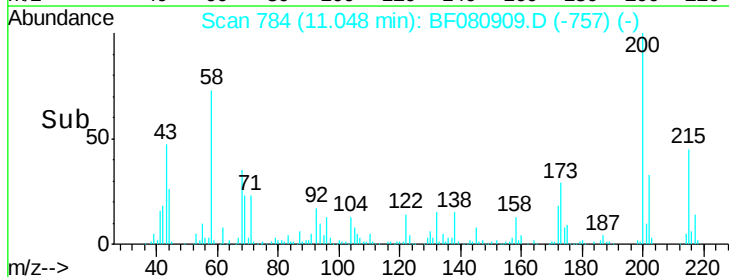
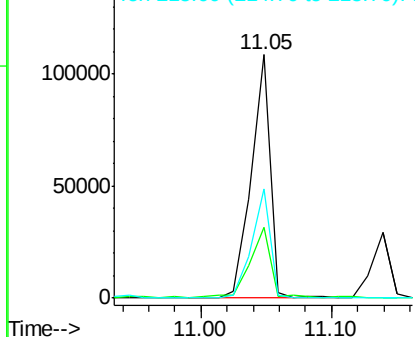


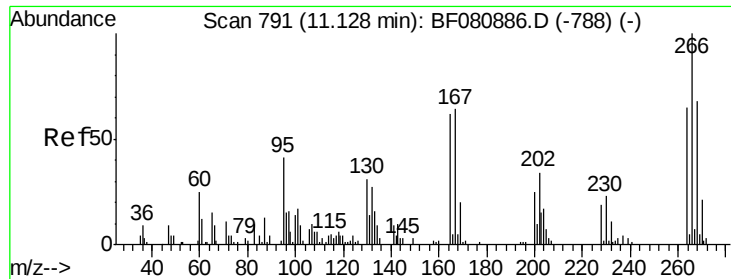
#68
Atrazine
Concen: 43.74 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	10.0	50.0
215	45.0	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

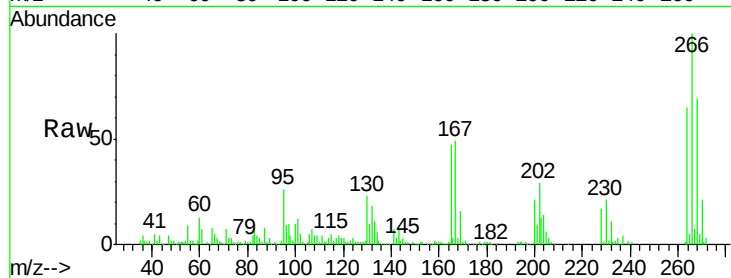




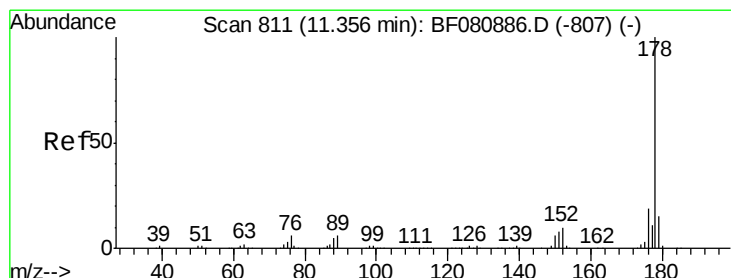
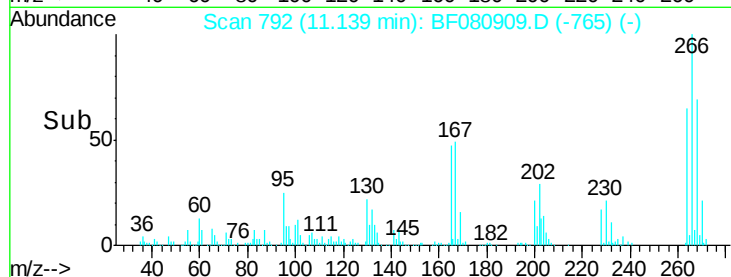
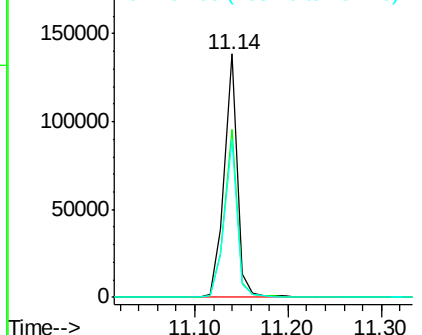
#69
 Pentachlorophenol
 Concen: 84.49 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 136160
 Ion Ratio Lower Upper
 266 100
 268 69.1 54.1 81.1
 264 64.6 51.6 77.4

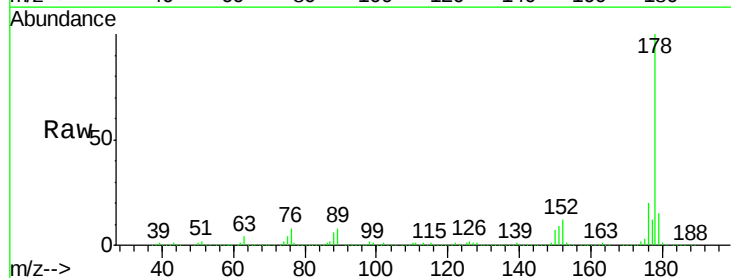


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

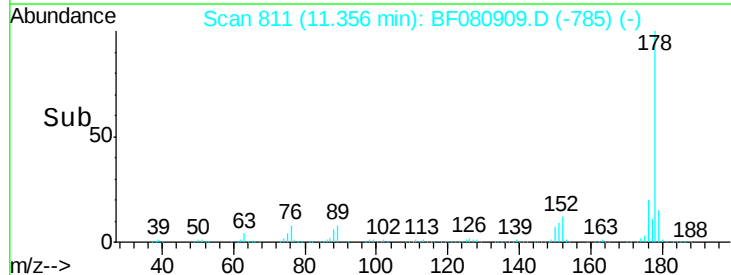
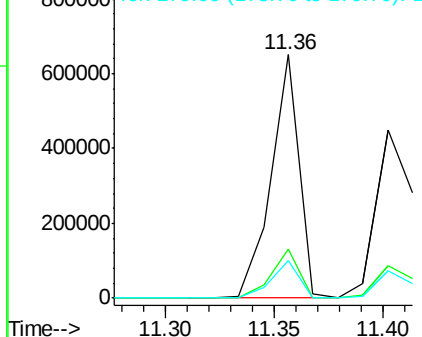


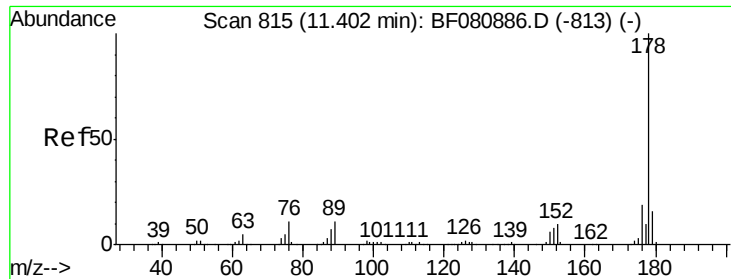
#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:178 Resp: 589414
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.6 23.4
 179 15.5 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

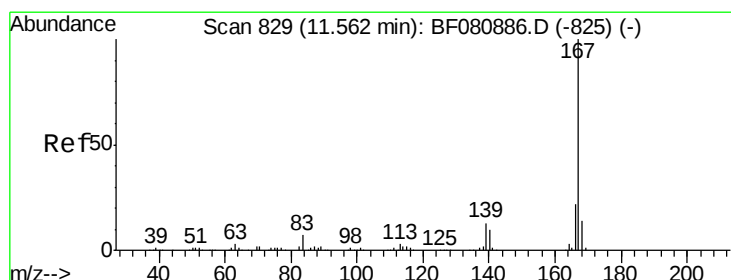
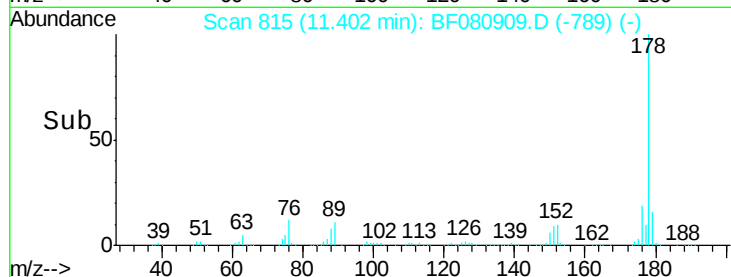
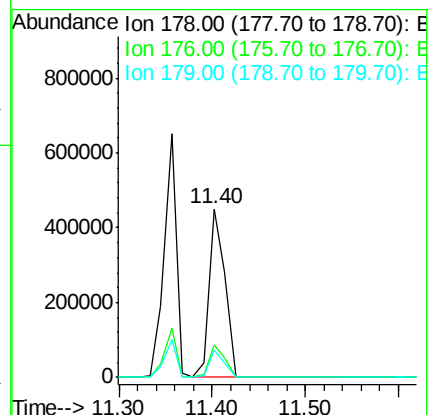
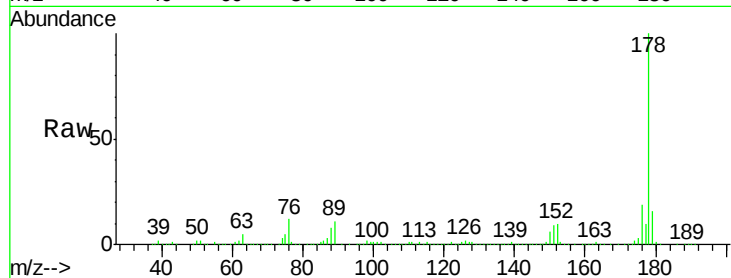




#71
 Anthracene
 Concen: 37.76 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

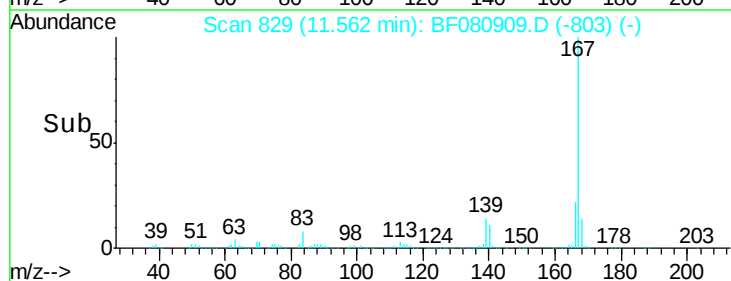
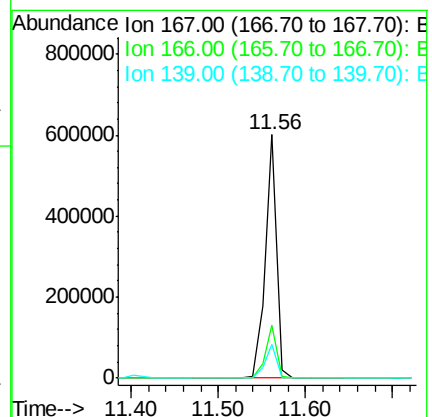
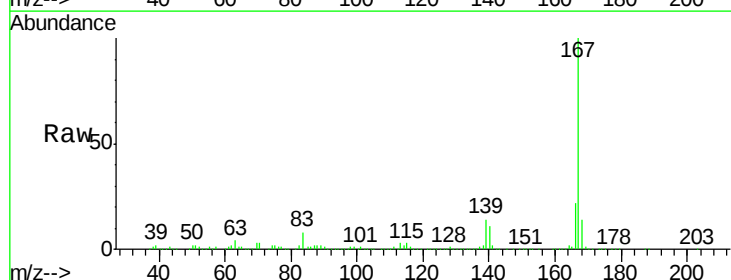
Instrument :
 BNA_F
 ClientSampleId :

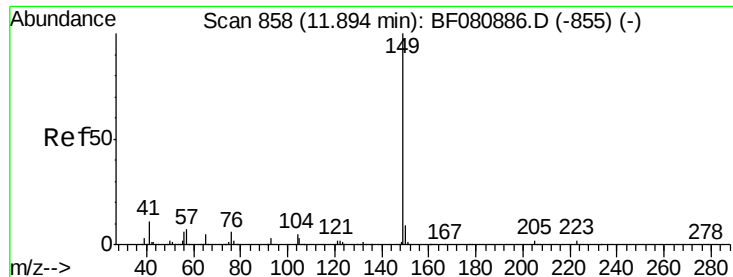
Tot Ion:178 Resp: 532091
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.3 22.9
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 39.11 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080909.D
 Acq: 7 Aug 2015 2:41

Tgt Ion:167 Resp: 556648
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 13.9 10.2 15.2





#73

Di-n-butylphthalate

Concen: 39.74 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080909.D

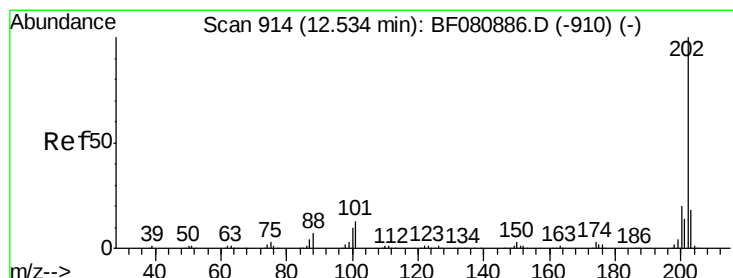
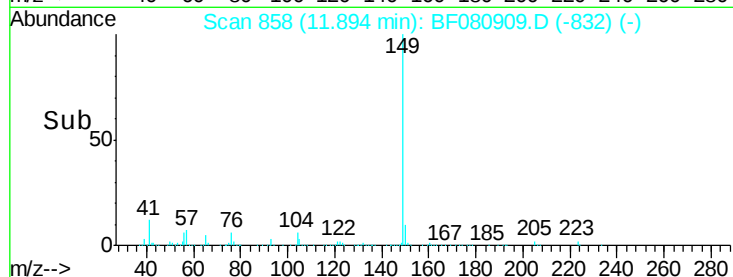
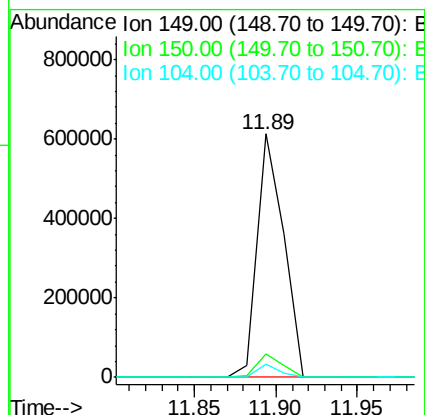
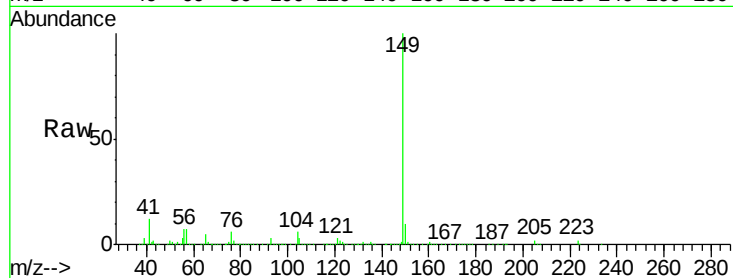
Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp: 689627
Ion Ratio	Lower Upper
149 100	
150 9.7	7.6 11.4
104 5.6	4.3 6.5



#74

Fluoranthene

Concen: 37.40 ng

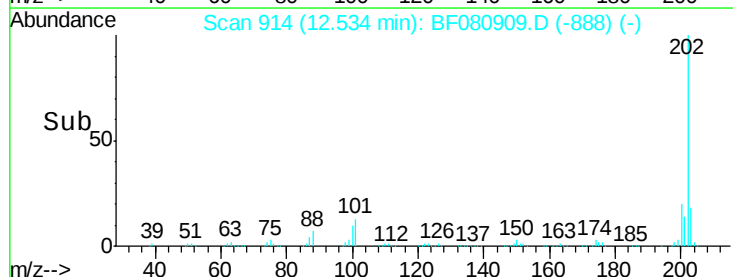
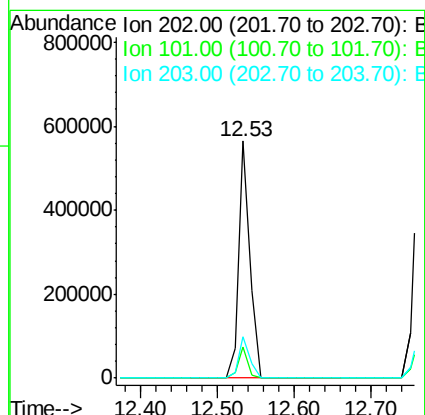
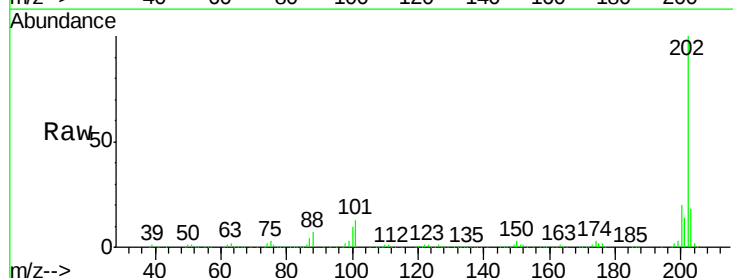
RT: 12.53 min Scan# 914

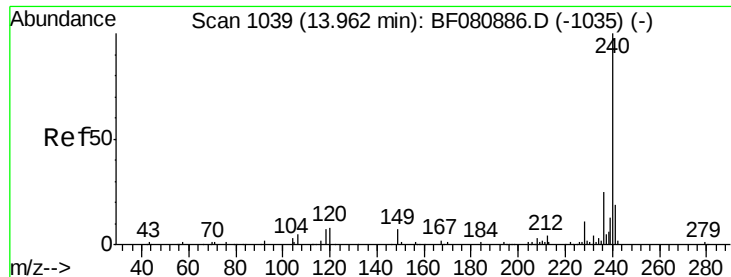
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt	Ion:202	Resp:	585444
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	32.7
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

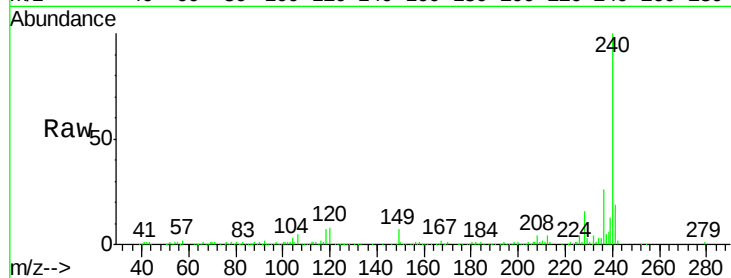
Tot Ion:240 Resp: 203330

Ion Ratio Lower Upper

240 100

120 8.1 6.4 9.6

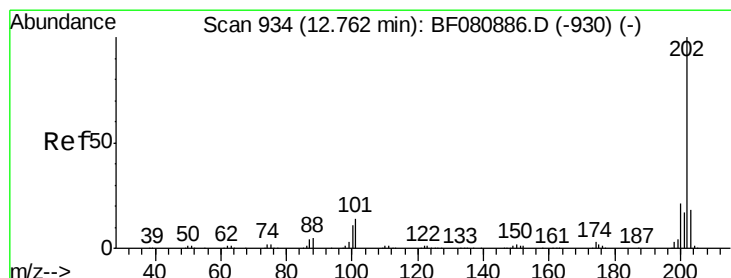
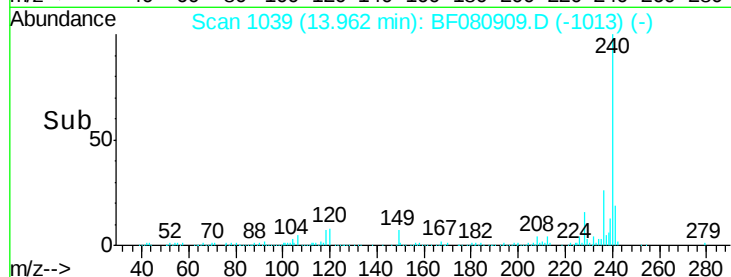
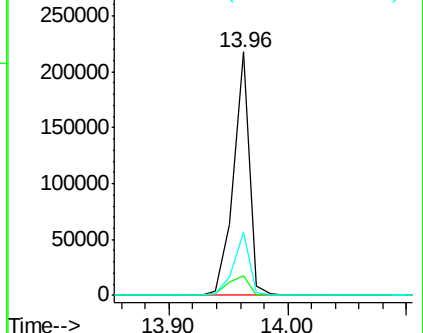
236 25.8 20.2 30.4



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



#77

Pyrene

Concen: 38.45 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

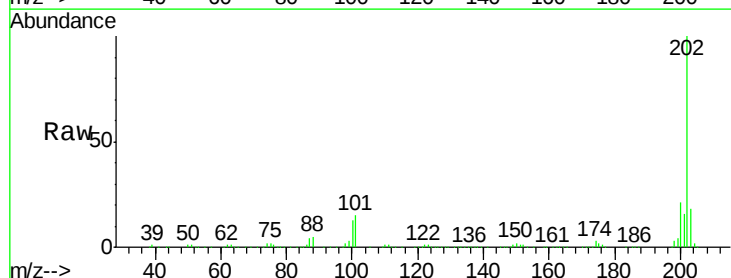
Tgt Ion:202 Resp: 581032

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

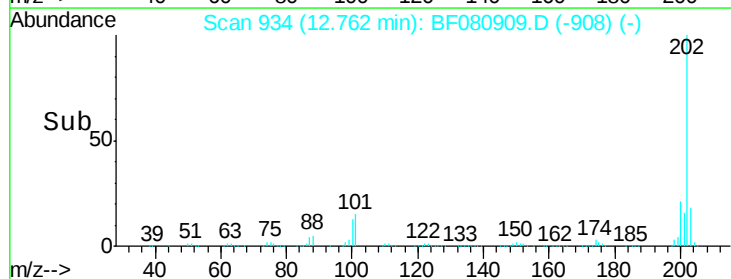
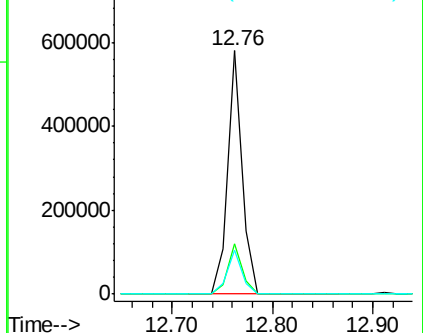
203 17.8 14.3 21.5

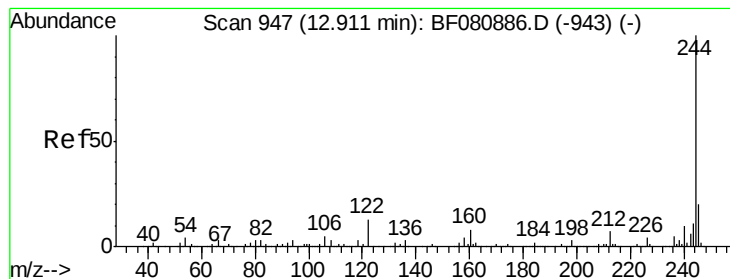


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 68.69 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

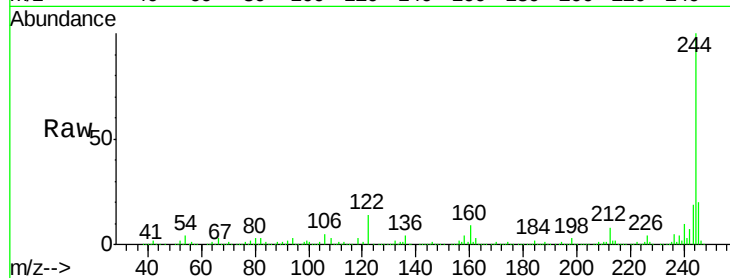
Tot Ion:244 Resp: 662435

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

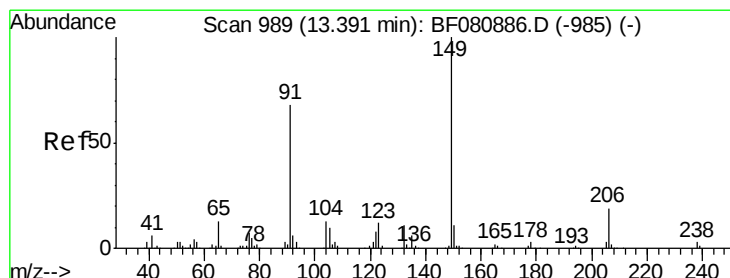
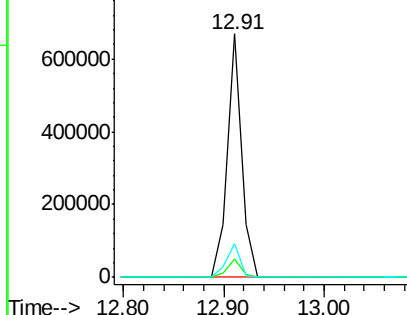
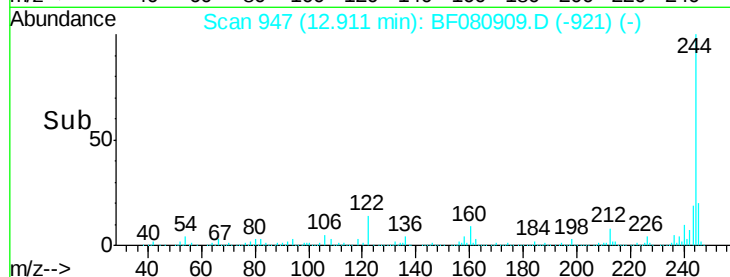
122 14.0 10.6 16.0



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: 46.04 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

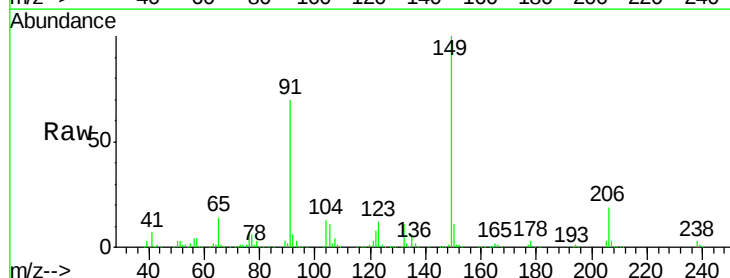
Tgt Ion:149 Resp: 332810

Ion Ratio Lower Upper

149 100

91 70.5 54.0 81.0

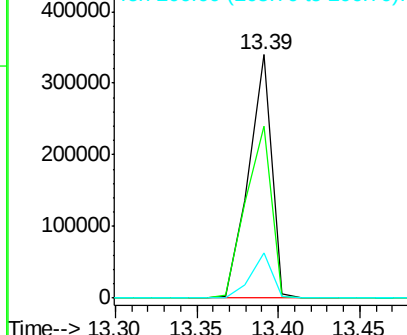
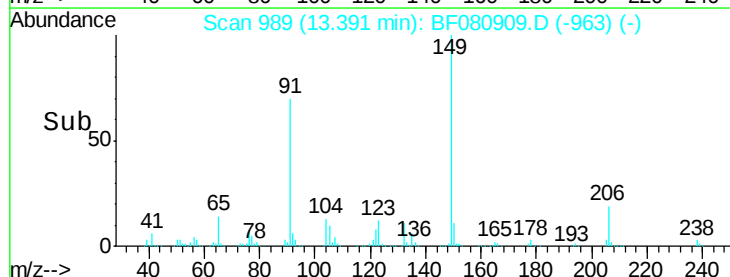
206 18.6 15.1 22.7

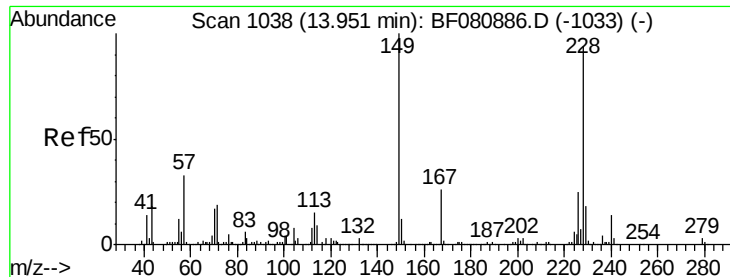


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 37.67 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

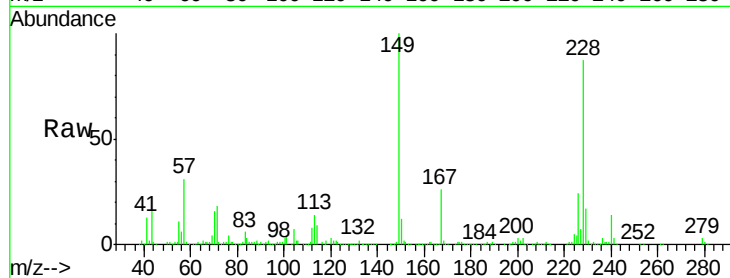
Tot Ion:228 Resp: 500339

Ion Ratio Lower Upper

228 100

226 27.3 21.4 32.2

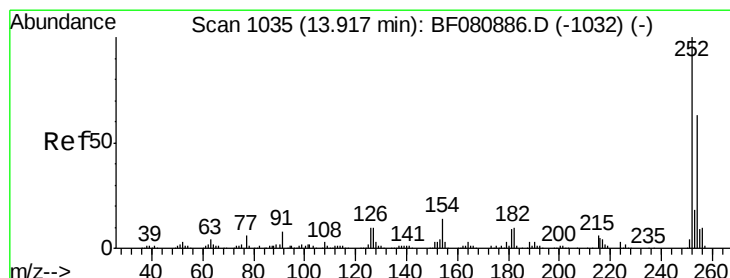
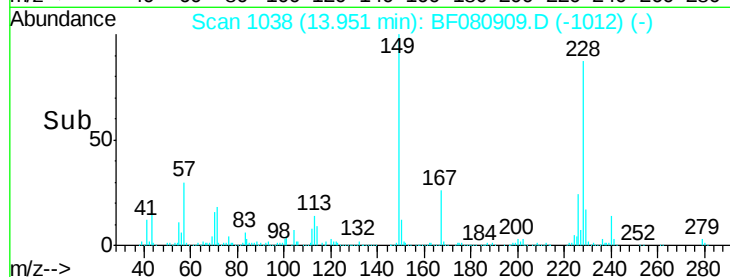
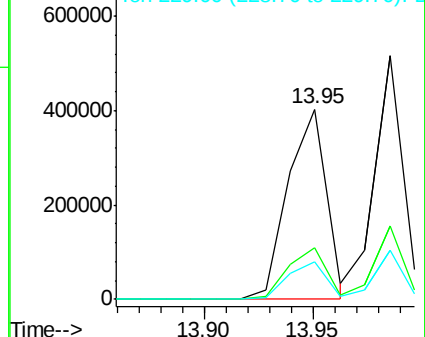
229 19.8 14.9 22.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 11.81 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

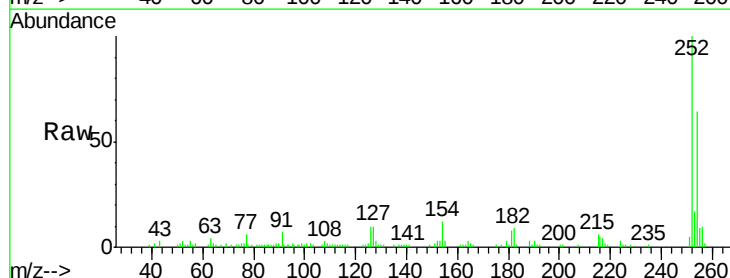
Tgt Ion:252 Resp: 58755

Ion Ratio Lower Upper

252 100

254 64.4 50.0 75.0

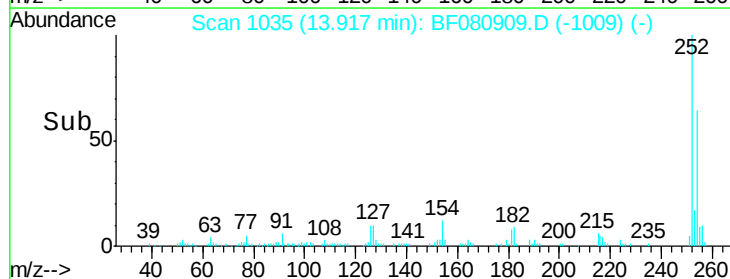
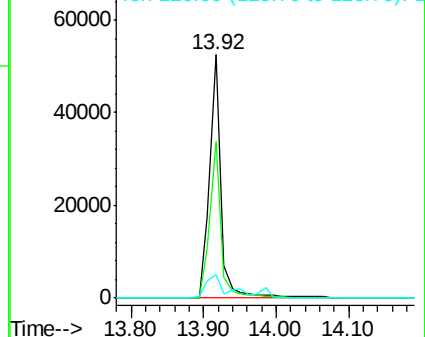
126 9.7 8.1 12.1

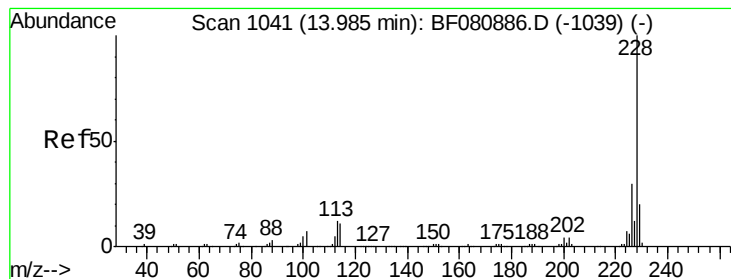


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 37.67 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

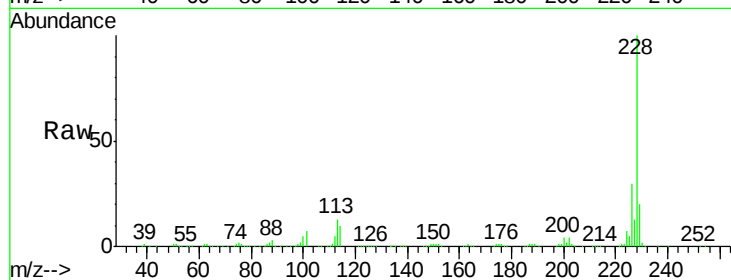
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 478239

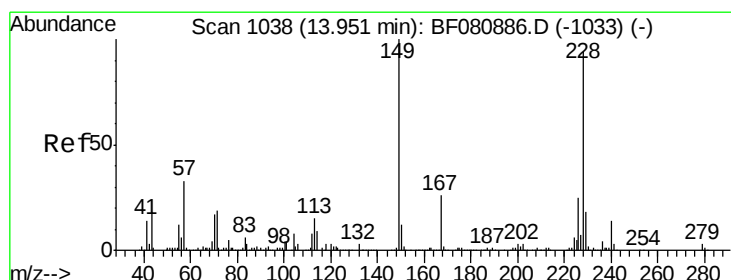
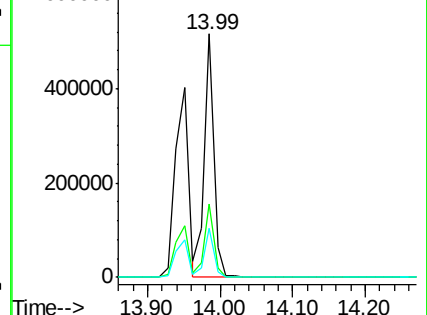
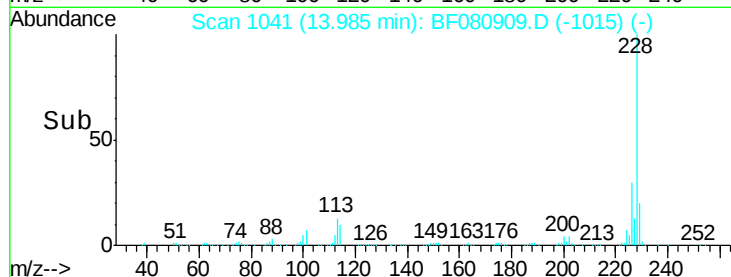
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	20.2	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 44.96 ng

RT: 13.95 min Scan# 1038

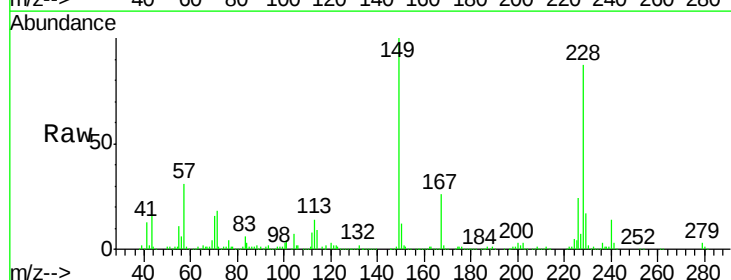
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:149 Resp: 445437

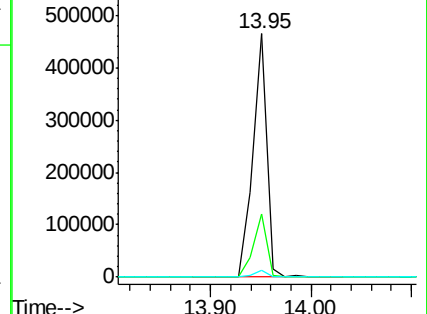
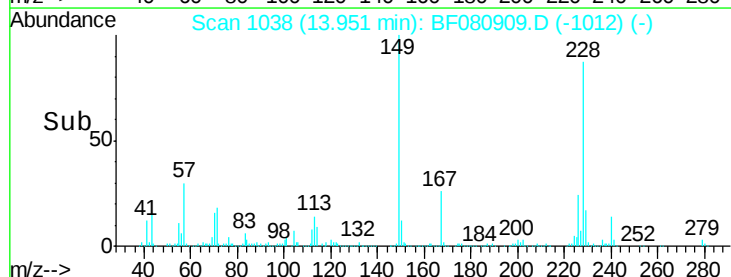
Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.6	31.0
279	2.9	2.4	3.6

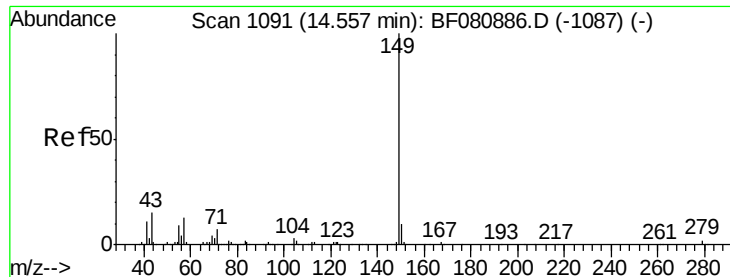


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.30 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

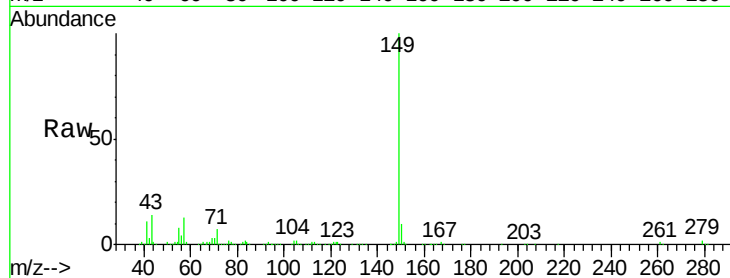
Tot Ion:149 Resp: 738556

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

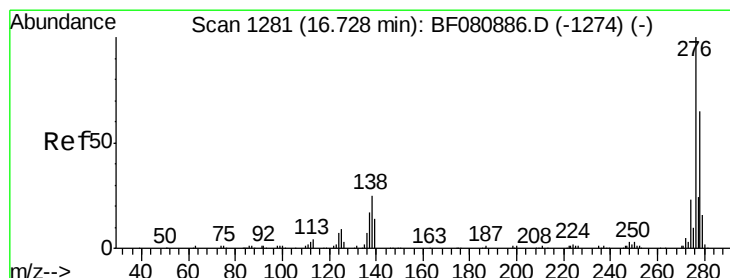
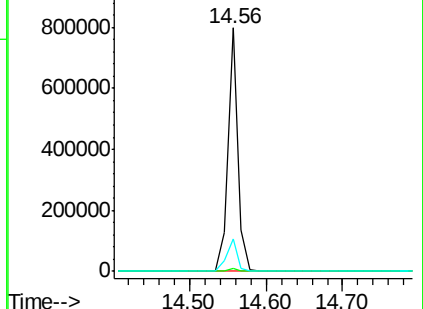
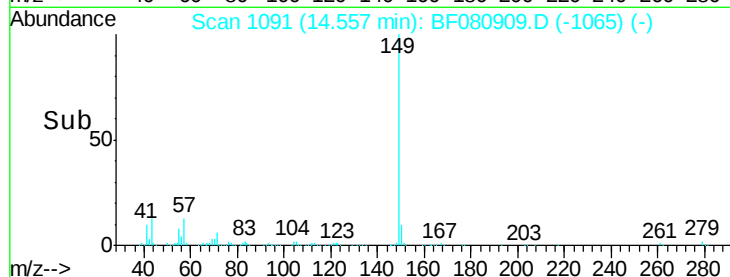
43 14.0 11.5 17.3



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: 35.58 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

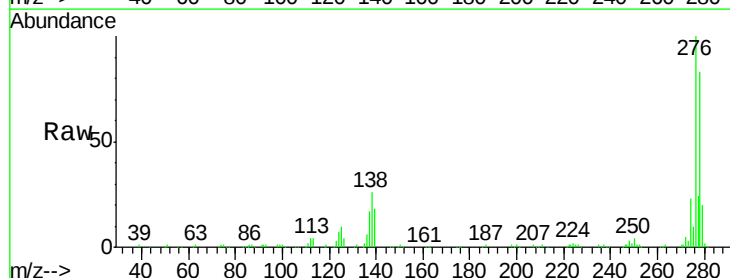
Tgt Ion:276 Resp: 439891

Ion Ratio Lower Upper

276 100

138 25.4 20.7 31.1

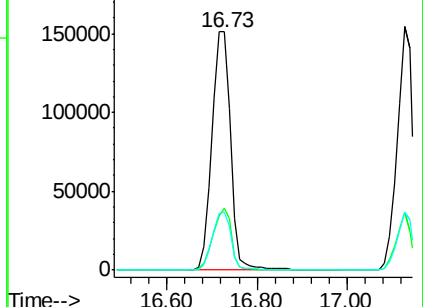
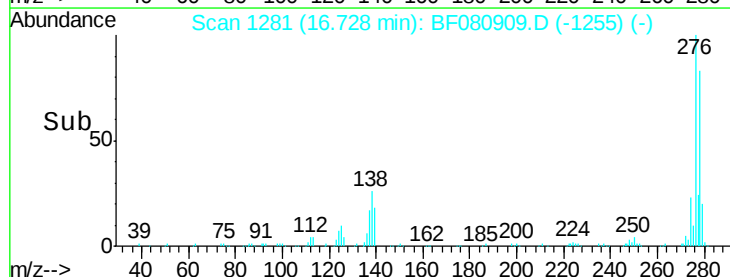
277 24.2 19.4 29.0

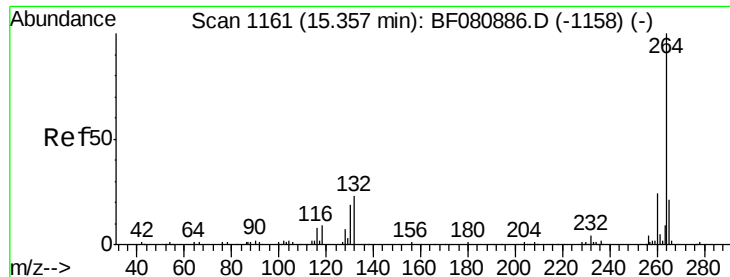


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

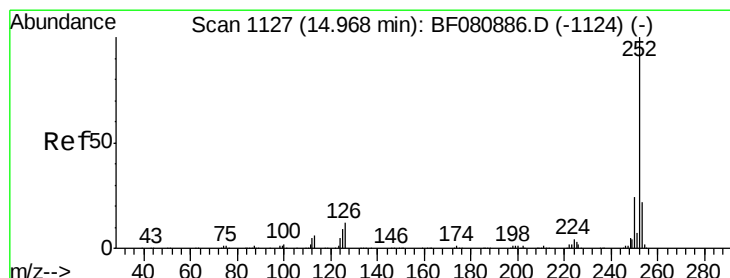
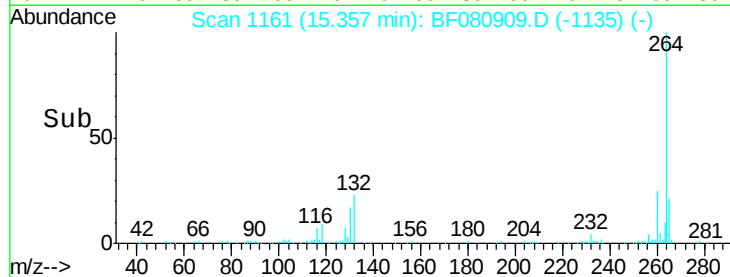
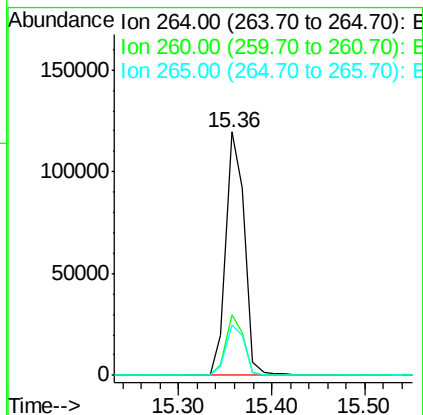
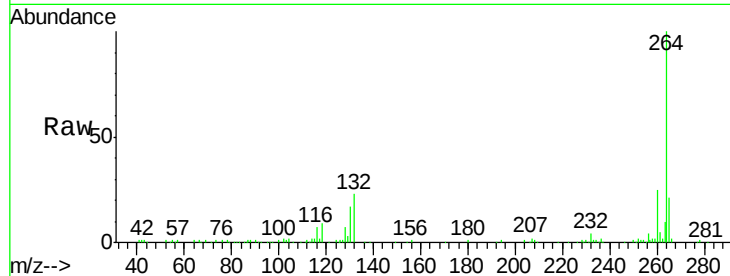




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

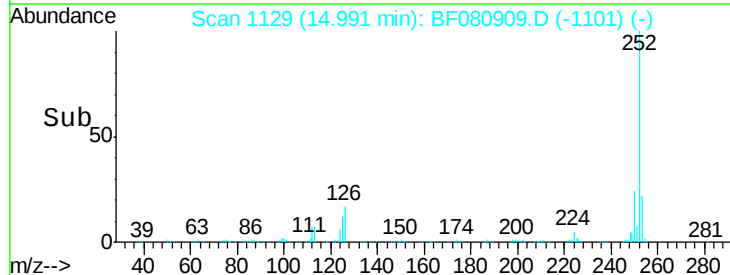
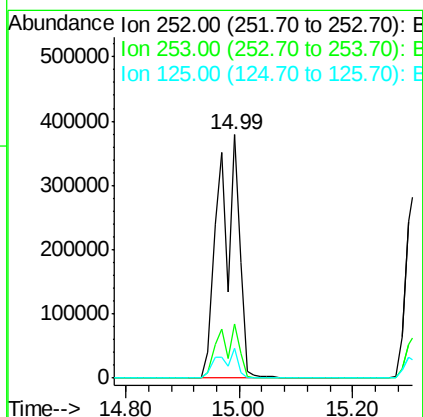
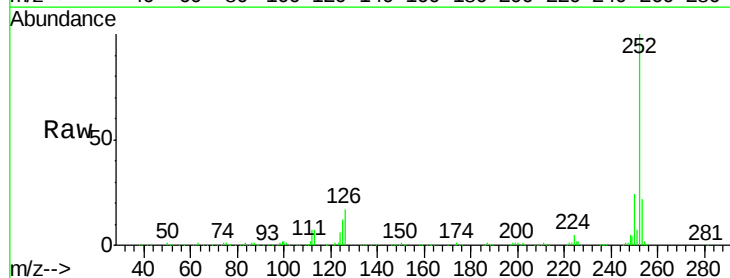
Instrument :
BNA_F
ClientSampleId :

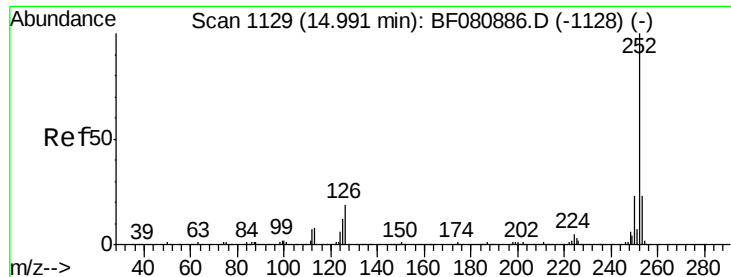
Tot Ion:264 Resp: 166174
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.4
265 20.8 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 79.70 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF080909.D
Acq: 7 Aug 2015 2:41

Tgt Ion:252 Resp: 930134
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.0 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 94.61 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Instrument :

BNA_F

ClientSampleId :

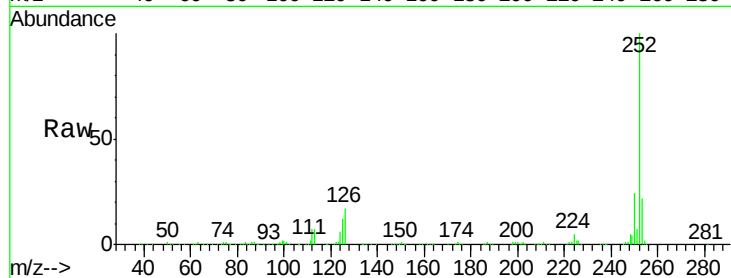
Tot Ion:252 Resp: 930134

Ion Ratio Lower Upper

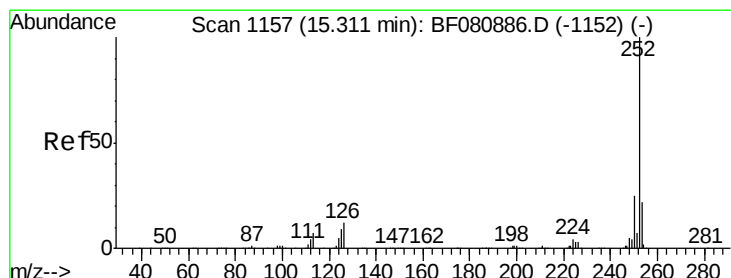
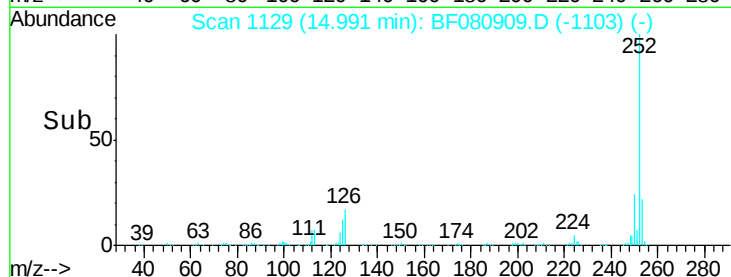
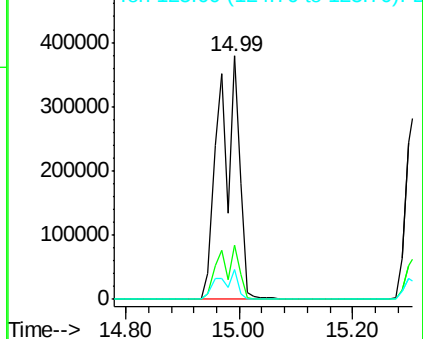
252 100

253 22.2 17.9 26.9

125 12.0 9.8 14.8



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



#89

Benzo(a)pyrene

Concen: 45.90 ng

RT: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

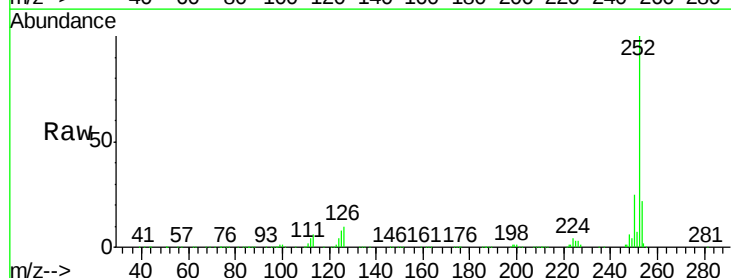
Tgt Ion:252 Resp: 461580

Ion Ratio Lower Upper

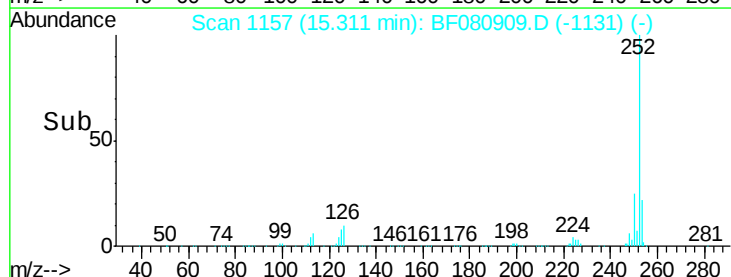
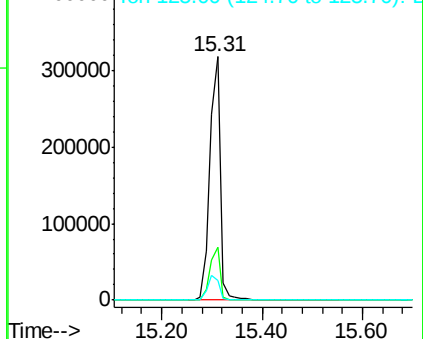
252 100

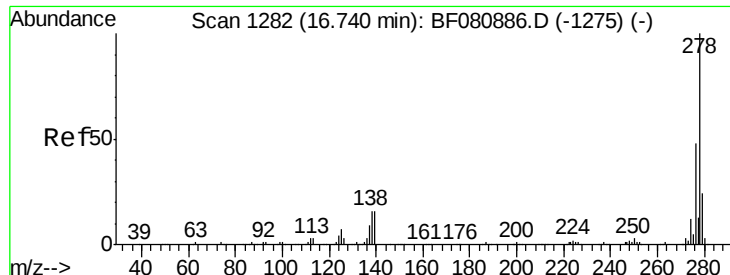
253 22.0 17.6 26.4

125 8.0 7.5 11.3



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





#90

Dibenzo(a,h)anthracene

Concen: 42.07 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

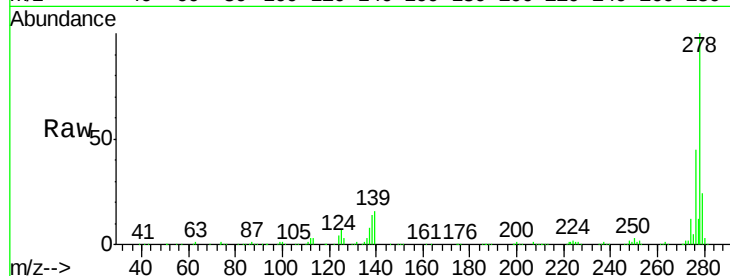
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 364717

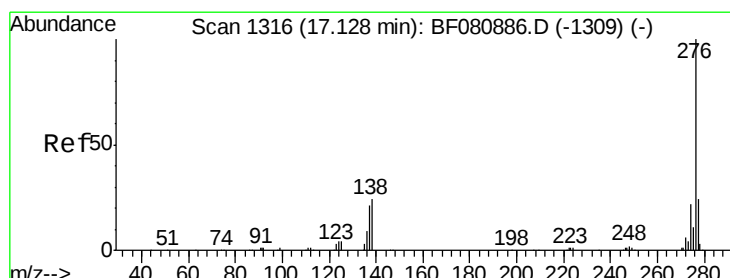
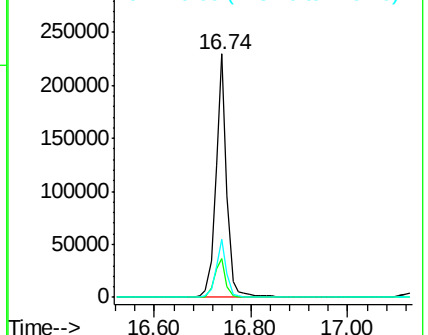
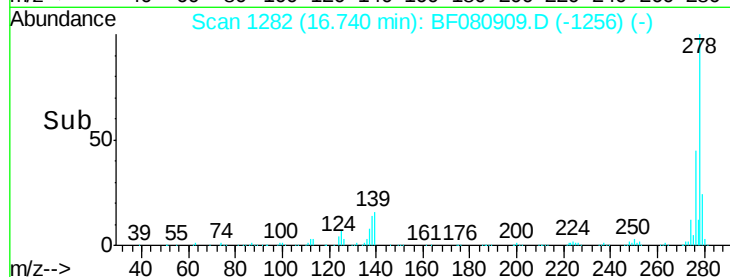
Ion	Ratio	Lower	Upper
278	100		
139	16.1	13.2	19.8
279	23.7	19.1	28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.72 ng

RT: 17.13 min Scan# 1316

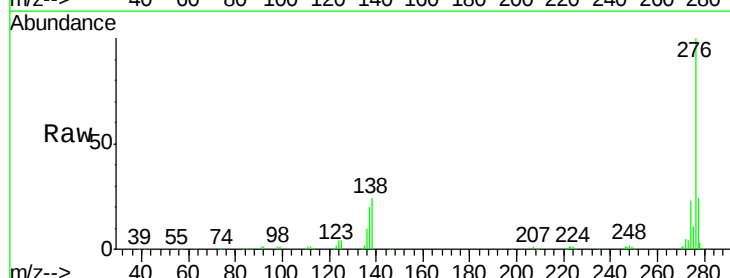
Delta R.T. -0.00 min

Lab File: BF080909.D

Acq: 7 Aug 2015 2:41

Tgt Ion:276 Resp: 367371

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	23.8	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

