

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080910.D
 Acq On : 7 Aug 2015 3:12
 Operator : TP/UM
 Sample : G3196-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:10:12 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	58223	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240619	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	111984	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	227828	20.00	ng	0.01
75) Chrysene-d12	13.96	240	203135	20.00	ng	0.00
86) Perylene-d12	15.36	264	189787	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	173543	47.52	ng	0.00
7) Phenol-d6	6.44	99	173519	34.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	416215	81.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	109458	91.00	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	602545	76.69	ng	0.00
78) Terphenyl-d14	12.91	244	613457	63.67	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	28444	16.08	ng	98
3) Pyridine	3.09	79	70246	14.12	ng	98
4) n-Nitrosodimethylamine	3.01	42	44572	17.32	ng	94
6) Aniline	6.46	93	138611	18.59	ng	96
8) 2-Chlorophenol	6.59	128	117957	28.44	ng	96
9) Benzaldehyde	6.35	77	36475	10.53	ng	91
10) Phenol	6.45	94	76611	12.70	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	177372	41.53	ng	94
12) 1,3-Dichlorobenzene	6.75	146	160213	35.62	ng	97
13) 1,4-Dichlorobenzene	6.83	146	155344	33.92	ng	97
14) 1,2-Dichlorobenzene	6.98	146	147558	35.14	ng	99
15) Benzyl Alcohol	6.96	79	115970	29.08	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	329586	37.60	ng	99
17) 2-Methylphenol	7.07	107	83509	22.47	ng	98
18) Hexachloroethane	7.32	117	59500	34.20	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	145885	40.75	ng	98
20) 3+4-Methylphenols	7.22	107	90011	19.98	ng	# 27
22) Acetophenone	7.22	105	232809	38.69	ng	# 87
24) Nitrobenzene	7.39	77	179387	34.46	ng	98
25) Isophorone	7.63	82	362006	36.98	ng	# 94
26) 2-Nitrophenol	7.71	139	68685	31.44	ng	97
27) 2,4-Dimethylphenol	7.76	122	125789	30.01	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	207559	35.77	ng	98
29) 2,4-Dichlorophenol	7.95	162	98183	29.38	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	137088	37.00	ng	99
31) Naphthalene	8.12	128	486270	37.24	ng	100
32) Benzoic acid	7.84	122	31507	11.82	ng	94
33) 4-Chloroaniline	8.17	127	97592	18.08	ng	95
34) Hexachlorobutadiene	8.24	225	70965	33.67	ng	99
35) Caprolactam	8.54	113	11394	9.13	ng	# 80
36) 4-Chloro-3-methylphenol	8.65	107	121552	30.20	ng	97
37) 2-Methylnaphthalene	8.81	142	305142	37.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	136193	39.92	ng	98
40) Hexachlorocyclopentadiene	8.97	237	162583	83.07	ng	98

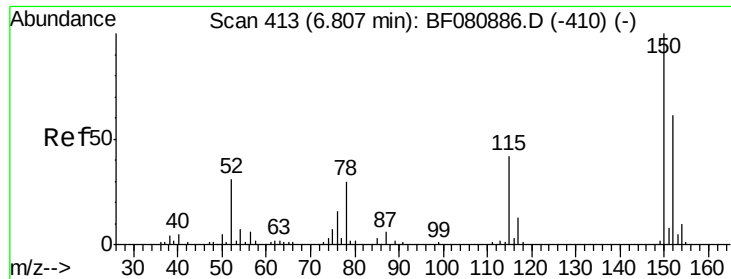
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080910.D
 Acq On : 7 Aug 2015 3:12
 Operator : TP/UM
 Sample : G3196-08MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:10:12 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)
42) 2,4,6-Trichlorophenol	9.08	196	75312	29.93	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	77975	30.56	nq	# 86
45) 1,1'-Biphenyl	9.28	154	416374	43.95	nq	99
46) 2-Chloronaphthalene	9.30	162	306199	41.34	nq	100
47) 2-Nitroaniline	9.39	65	118291	39.26	nq	98
48) Acenaphthylene	9.71	152	492562	37.91	nq	100
49) Dimethylphthalate	9.58	163	400008	44.98	nq	# 98
50) 2,6-Dinitrotoluene	9.64	165	85748	44.96	nq	# 53
51) Acenaphthene	9.88	154	328517	41.62	nq	99
52) 3-Nitroaniline	9.80	138	57510	24.39	nq	99
53) 2,4-Dinitrophenol	9.90	184	69350	66.37	nq	# 81
54) Dibenzofuran	10.05	168	424199	39.67	nq	98
55) 4-Nitrophenol	9.96	139	48472	27.24	nq	# 60
56) 2,4-Dinitrotoluene	10.04	165	116417	45.38	nq	# 57
57) Fluorene	10.40	166	340805	40.74	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	63221	31.05	nq	# 99
59) Diethylphthalate	10.27	149	389935	40.25	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	150852	38.47	nq	# 73
61) 4-Nitroaniline	10.42	138	88895	36.76	nq	97
62) Azobenzene	10.54	77	428008	40.32	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	47829	32.22	nq	92
65) n-Nitrosodiphenylamine	10.51	169	319222	39.33	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	90102	36.39	nq	95
67) Hexachlorobenzene	10.94	284	107855	40.28	nq	# 93
68) Atrazine	11.05	200	108854	46.44	nq	95
69) Pentachlorophenol	11.14	266	105567	70.35	nq	98
70) Phenanthrene	11.36	178	544691	40.85	nq	100
71) Anthracene	11.40	178	475028	36.20	nq	100
72) Carbazole	11.56	167	528083	39.84	nq	98
73) Di-n-butylphthalate	11.89	149	618410	38.27	nq	99
74) Fluoranthene	12.53	202	517866	35.53	nq	99
77) Pyrene	12.76	202	549311	36.38	nq	100
79) Butylbenzylphthalate	13.39	149	317389	43.95	nq	98
80) Benzo(a)anthracene	13.95	228	491417	37.03	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	72144	14.52	nq	98
82) Chrysene	13.99	228	458843	36.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	422851	42.73	nq	100
84) Di-n-octyl phthalate	14.56	149	714676	40.97	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	470587	38.10	nq	99
87) Benzo(b)fluoranthene	14.99	252	984039	73.83	nq	# 96
88) Benzo(k)fluoranthene	14.99	252	984039	87.64	nq	99
89) Benzo(a)pyrene	15.31	252	482929	42.04	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	394497	39.84	nq	99
91) Benzo(g,h,i)perylene	17.14	276	387360	40.36	nq	95

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

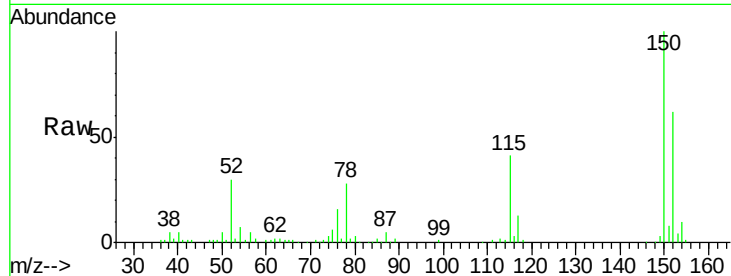


#1

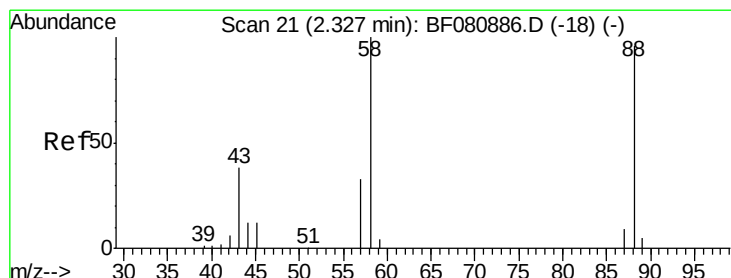
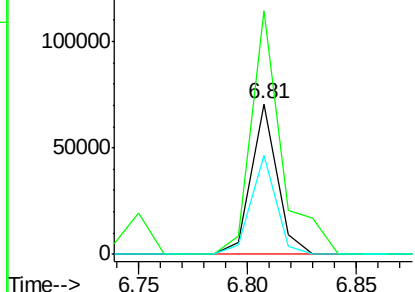
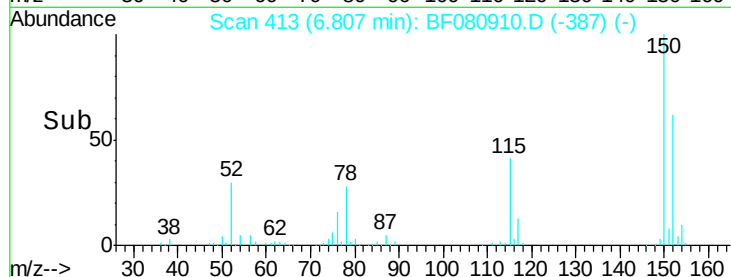
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58223
Ion Ratio Lower Upper
152 100
150 162.1 132.2 198.2
115 66.0 54.9 82.3



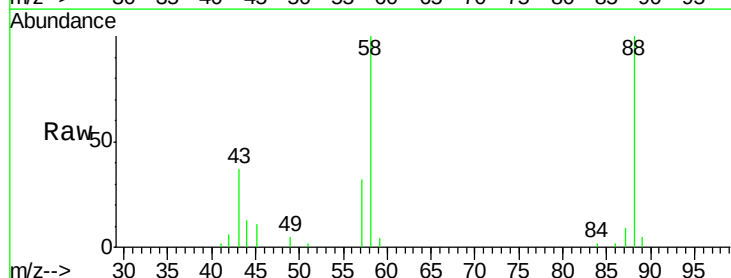
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



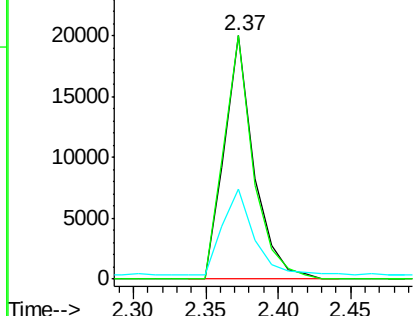
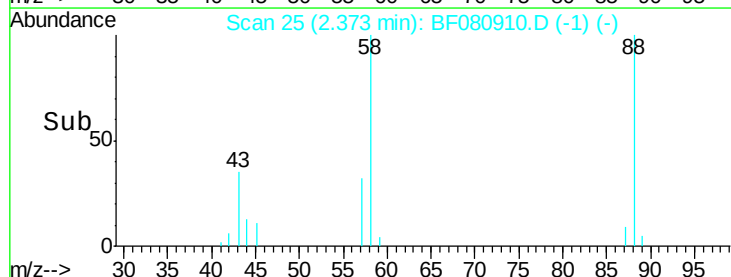
#2

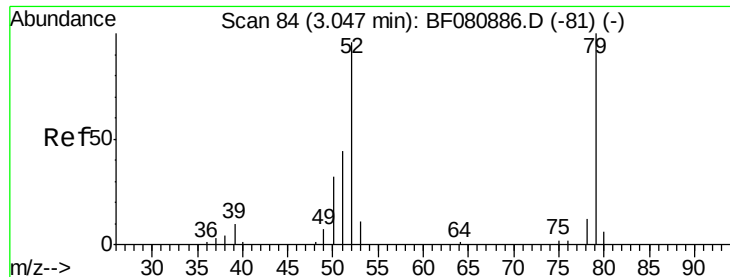
1,4-Dioxane
Concen: 16.08 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.05 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion: 88 Resp: 28444
Ion Ratio Lower Upper
88 100
58 99.1 78.2 117.4
43 37.6 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: 14.12 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.05 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

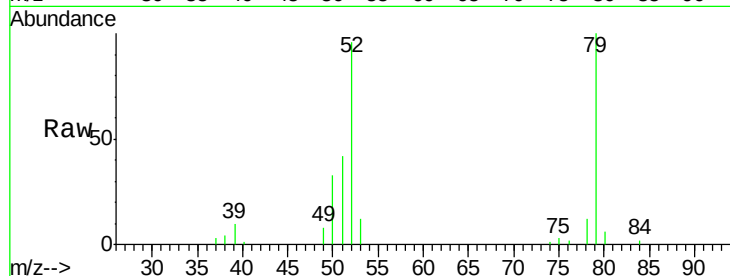
Tot Ion: 79 Resp: 70246

Ion Ratio Lower Upper

79 100

52 96.3 76.7 115.1

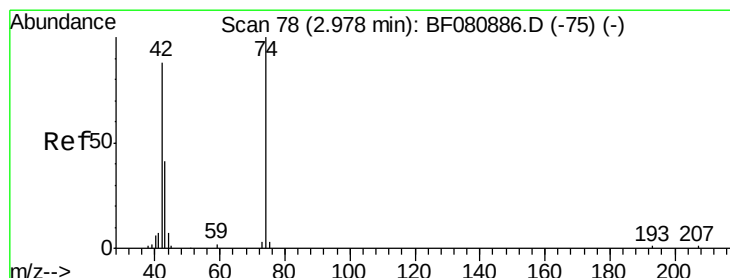
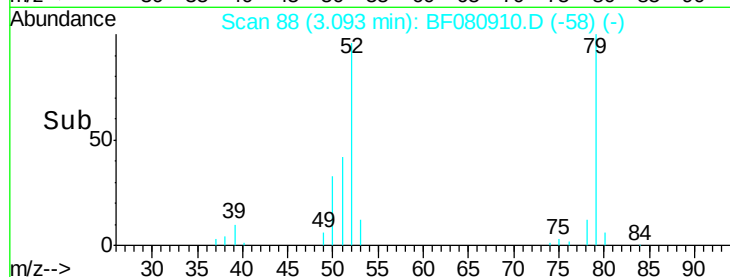
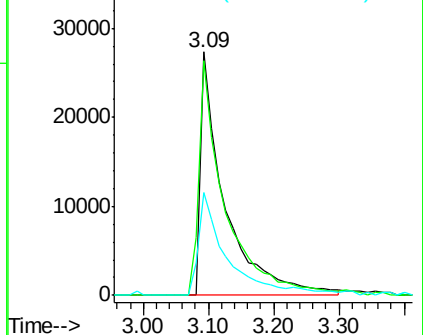
51 42.0 35.8 53.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 17.32 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.03 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

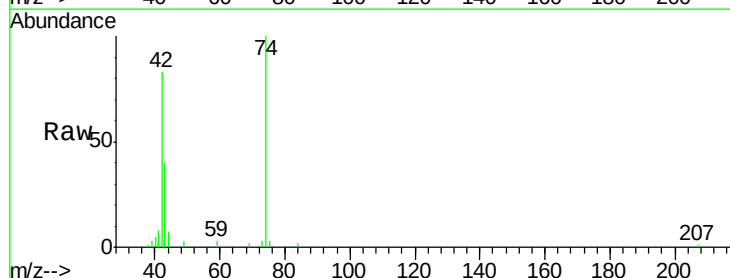
Tgt Ion: 42 Resp: 44572

Ion Ratio Lower Upper

42 100

74 120.5 90.6 135.8

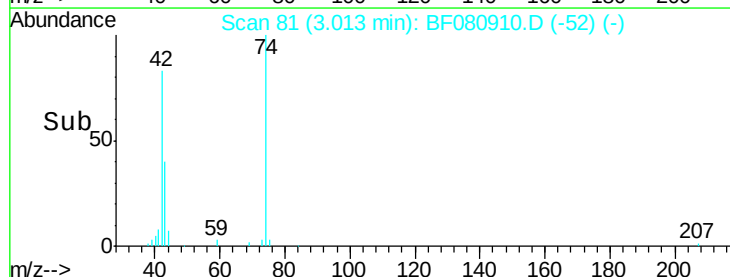
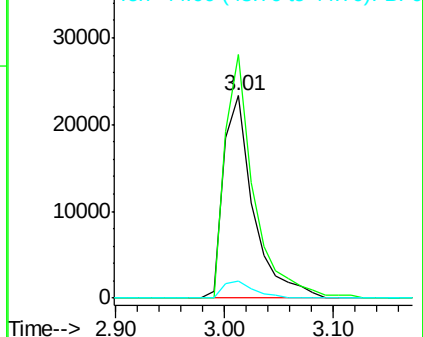
44 8.4 6.6 10.0

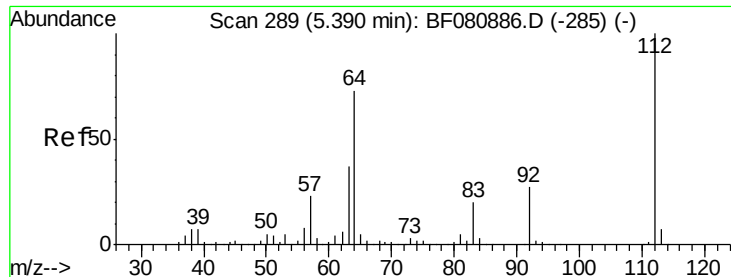


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 47.52 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampled :

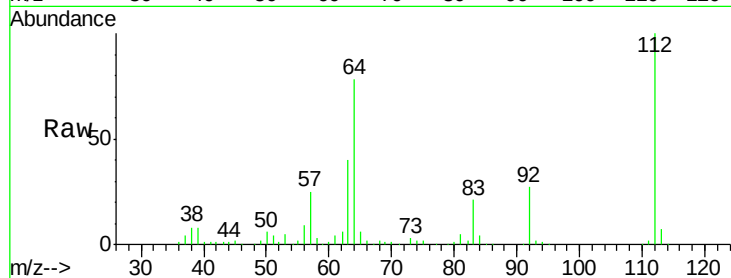
Tot Ion:112 Resp: 173543

Ion Ratio Lower Upper

112 100

64 77.7 58.0 87.0

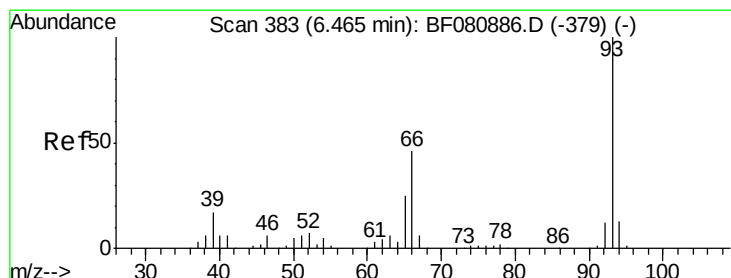
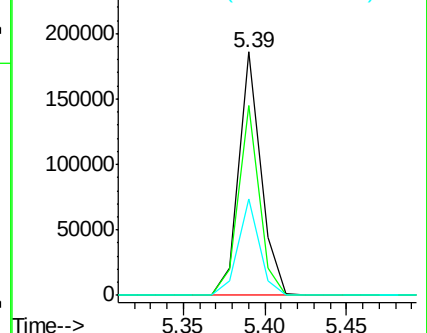
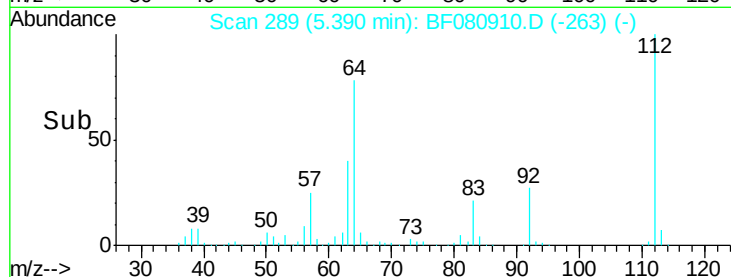
63 39.8 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.59 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

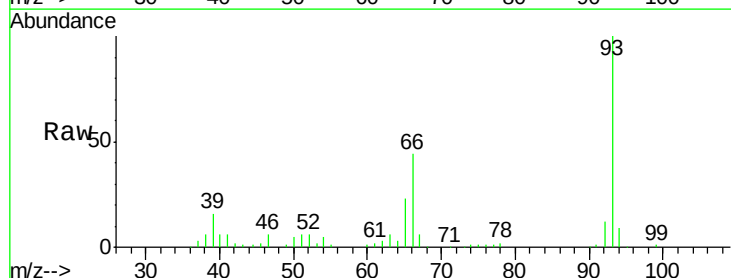
Tgt Ion: 93 Resp: 138611

Ion Ratio Lower Upper

93 100

66 44.1 37.4 56.0

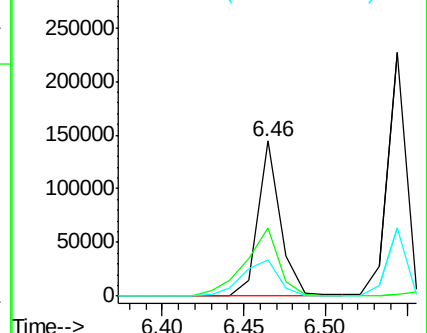
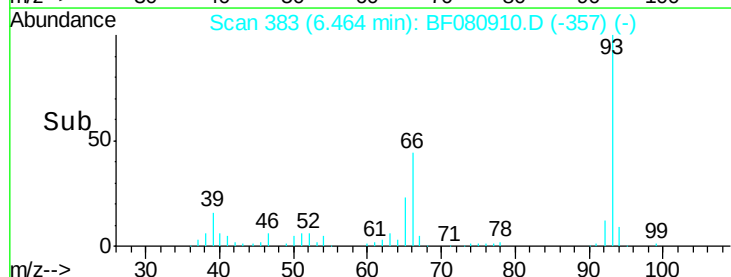
65 23.1 19.8 29.6

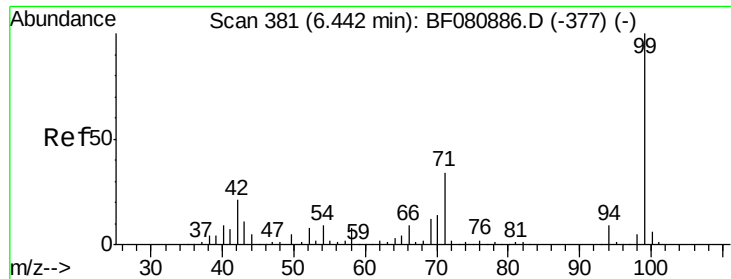


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 34.51 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

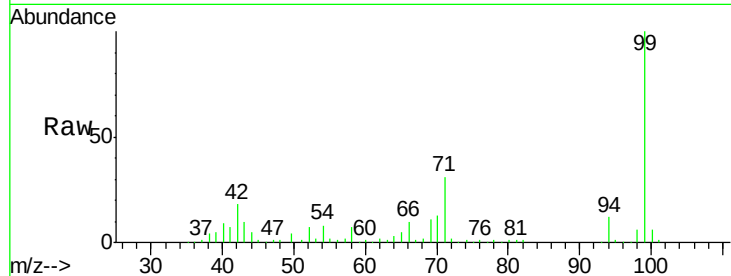
Tot Ion: 99 Resp: 173519

Ion Ratio Lower Upper

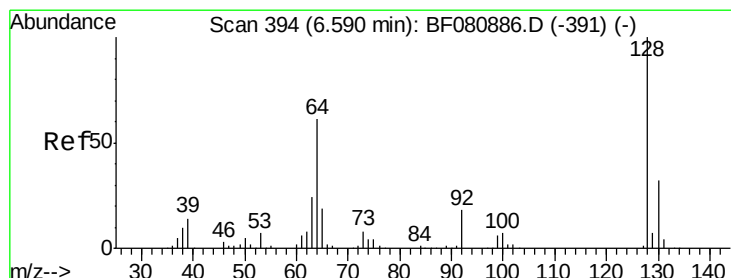
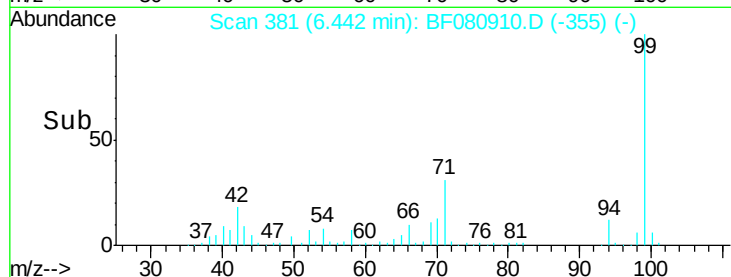
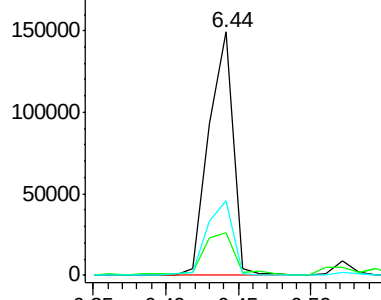
99 100

42 17.7 16.8 25.2

71 30.7 27.4 41.0



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



#8

2-Chlorophenol

Concen: 28.44 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

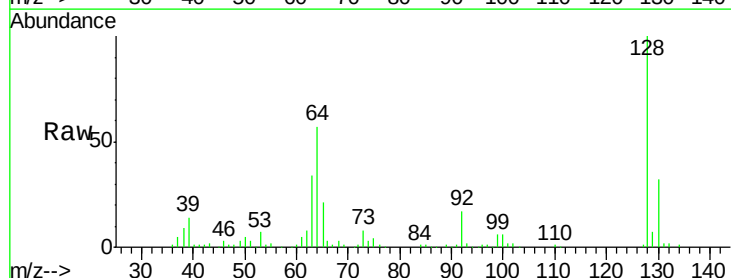
Tgt Ion: 128 Resp: 117957

Ion Ratio Lower Upper

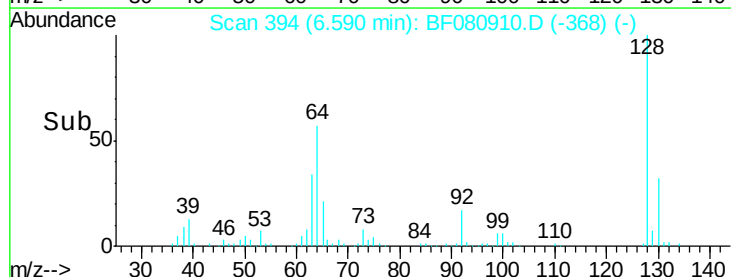
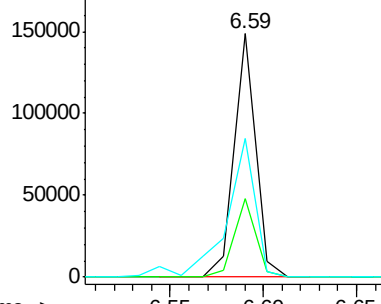
128 100

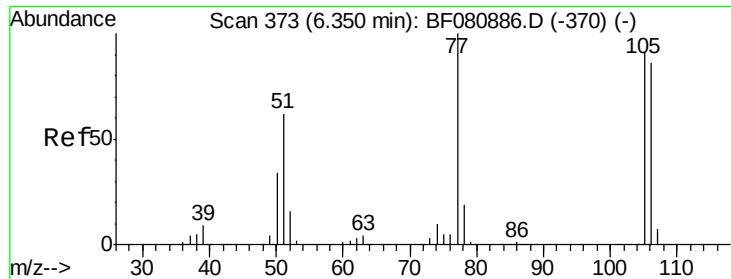
130 32.0 12.1 52.1

64 57.0 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

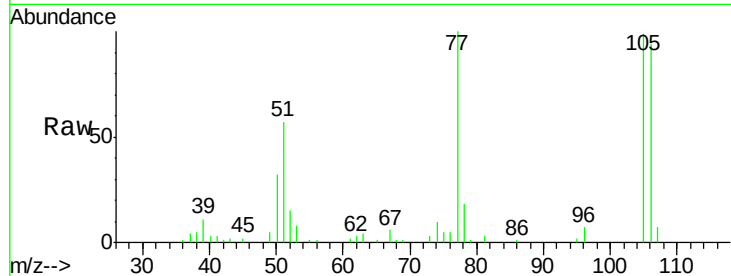




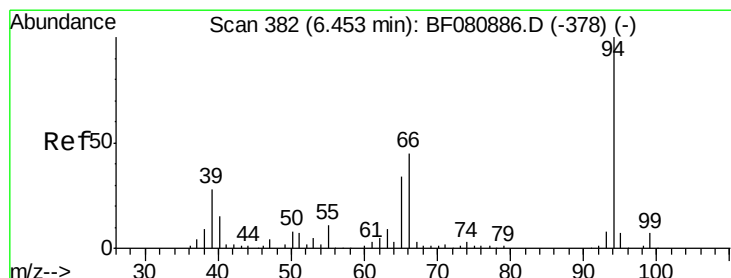
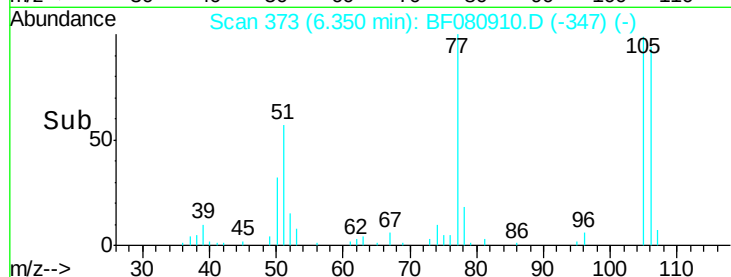
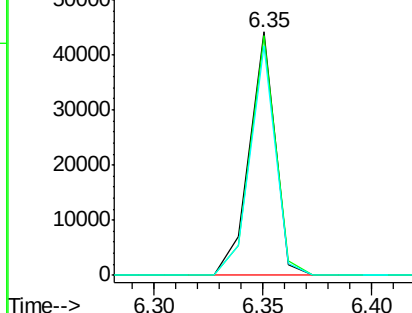
#9
Benzaldehyde
Concen: 10.53 ng
RT: 6.35 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 36475
Ion Ratio Lower Upper
77 100
105 98.7 70.7 110.7
106 94.0 66.1 106.1

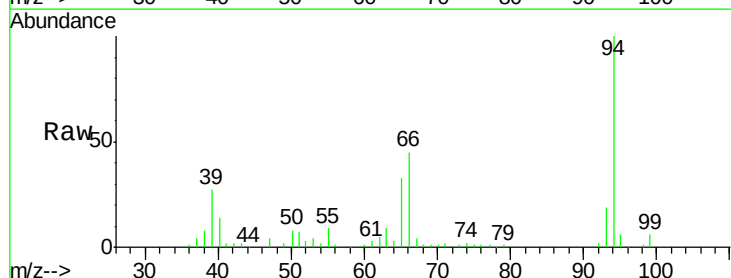


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

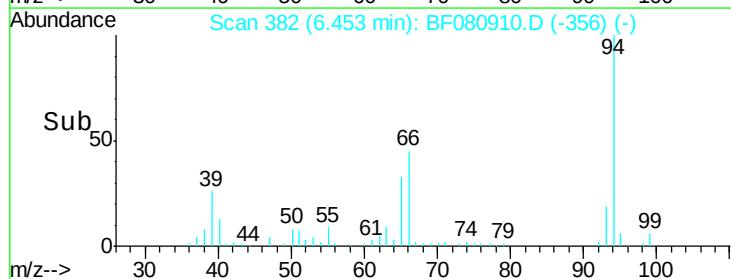
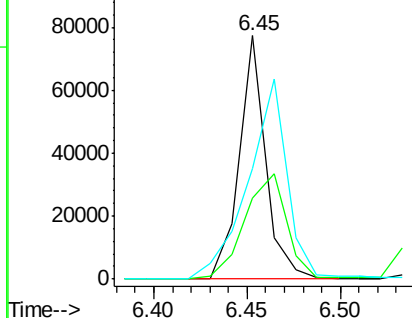


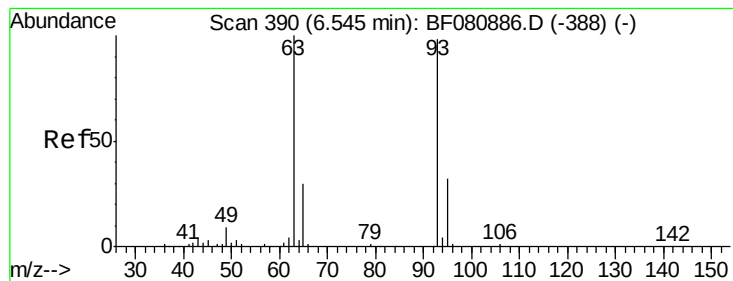
#10
Phenol
Concen: 12.70 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion: 94 Resp: 76611
Ion Ratio Lower Upper
94 100
65 33.2 14.0 54.0
66 45.1 24.6 64.6



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.53 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

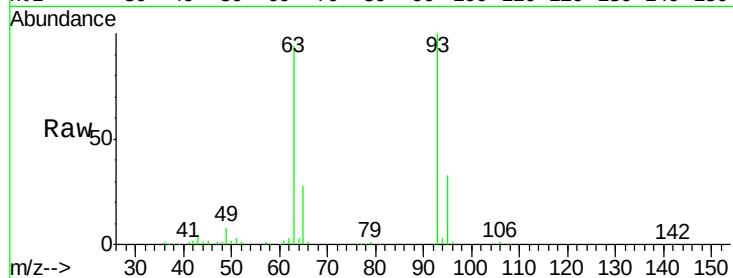
Tot Ion: 93 Resp: 177372

Ion Ratio Lower Upper

93 100

63 94.5 81.4 121.4

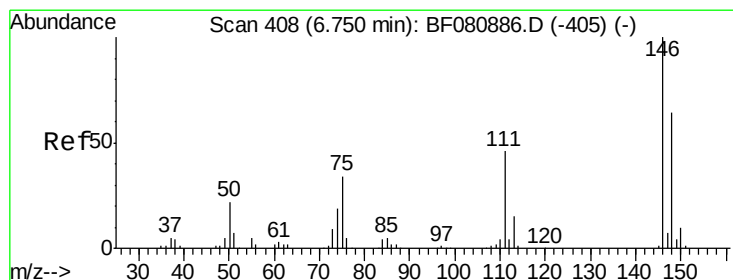
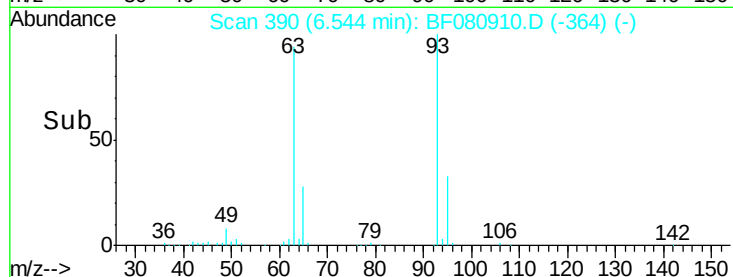
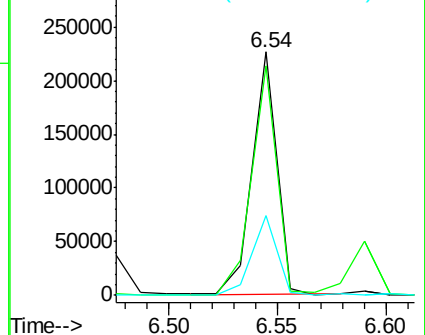
95 32.9 12.1 52.1



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: 35.62 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

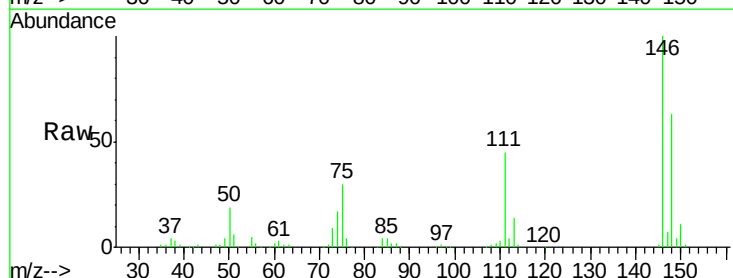
Tgt Ion: 146 Resp: 160213

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

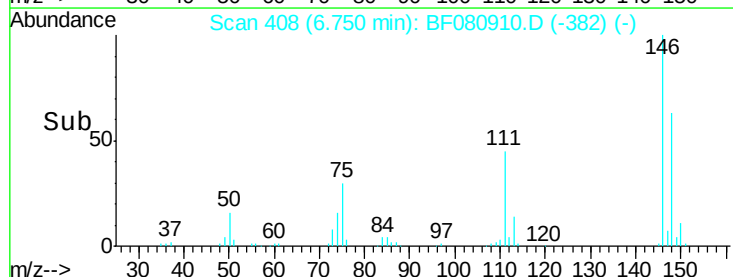
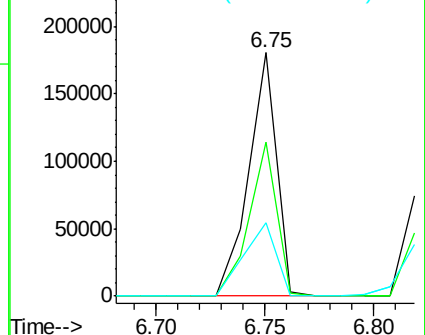
75 30.3 27.0 40.4

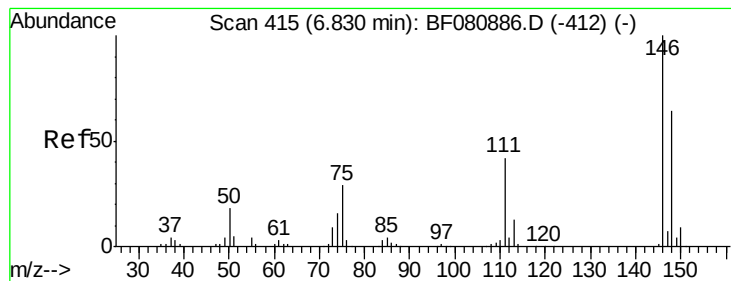


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 33.92 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

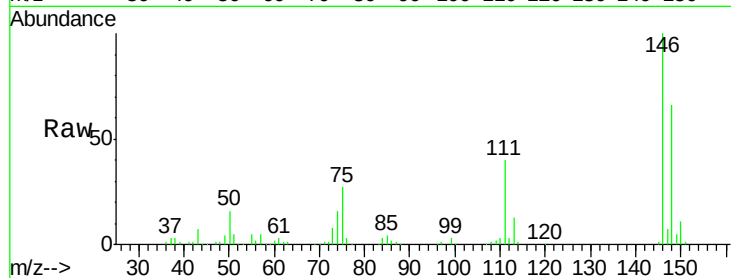
Tot Ion:146 Resp: 155344

Ion Ratio Lower Upper

146 100

148 65.9 51.5 77.3

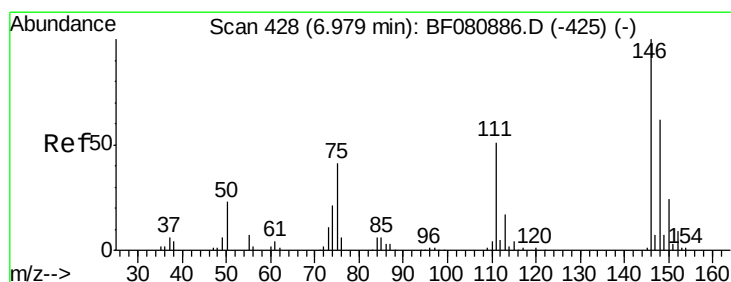
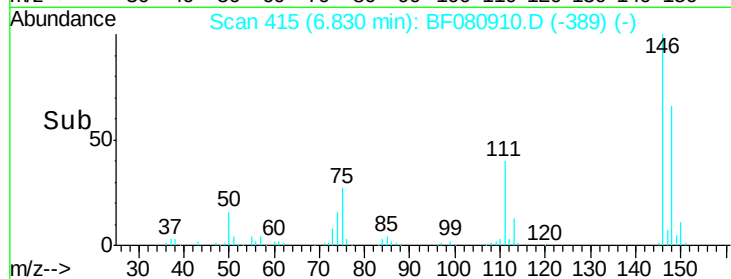
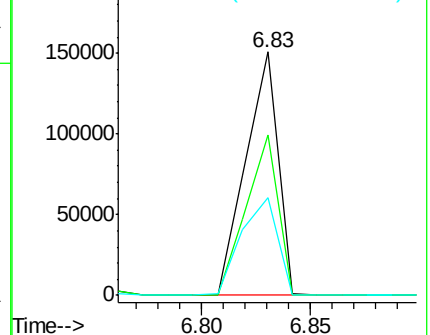
111 39.9 33.8 50.6



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: 35.14 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

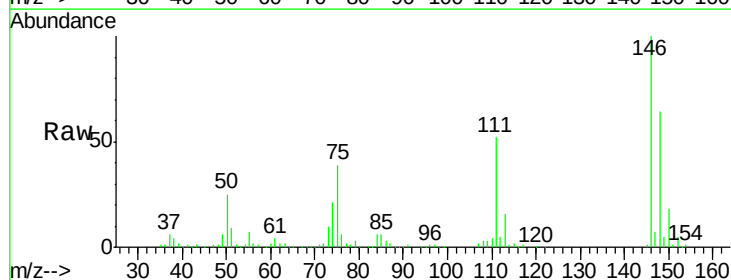
Tgt Ion:146 Resp: 147558

Ion Ratio Lower Upper

146 100

148 64.3 50.0 75.0

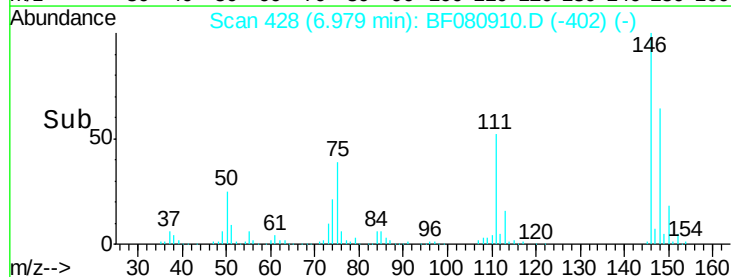
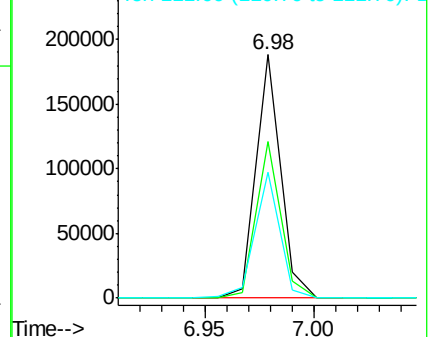
111 51.6 41.0 61.6

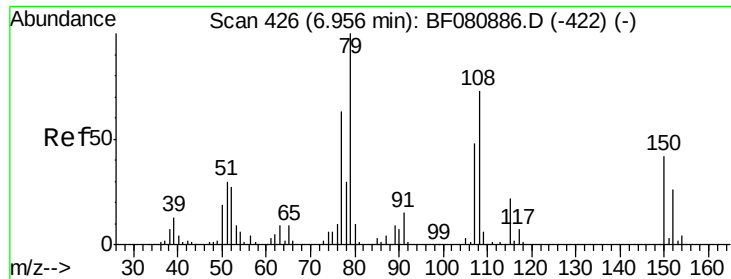


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 29.08 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

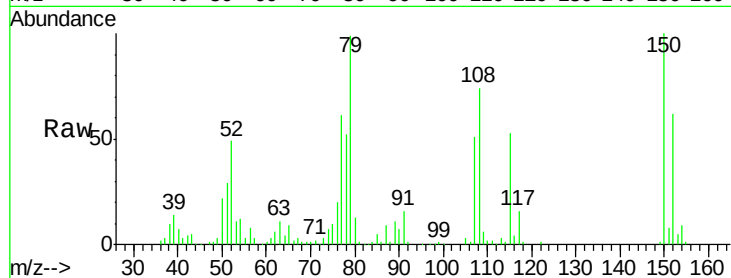
Tot Ion: 79 Resp: 115970

Ion Ratio Lower Upper

79 100

108 74.4 58.2 87.2

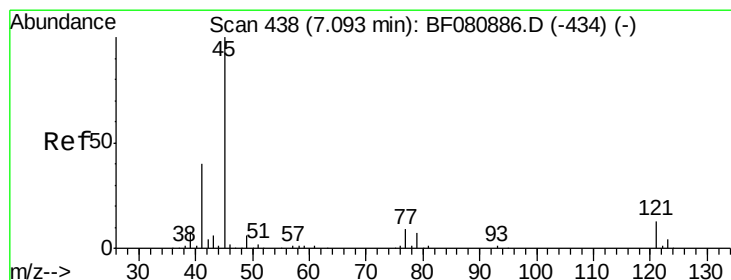
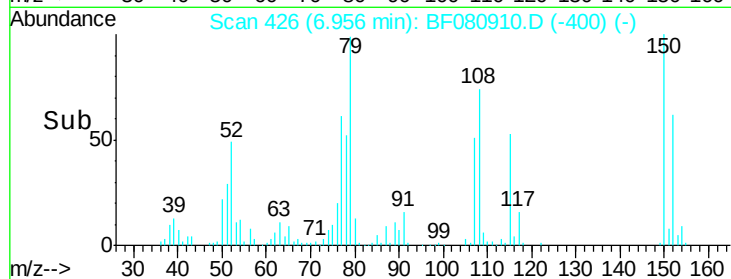
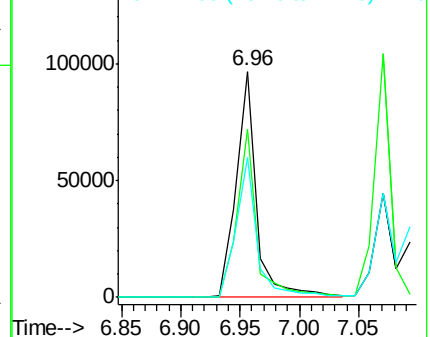
77 61.8 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.60 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

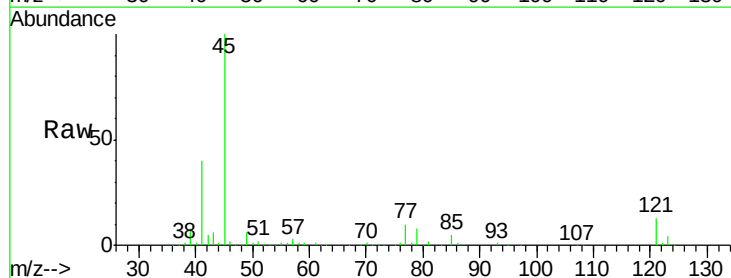
Tgt Ion: 45 Resp: 329586

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.1

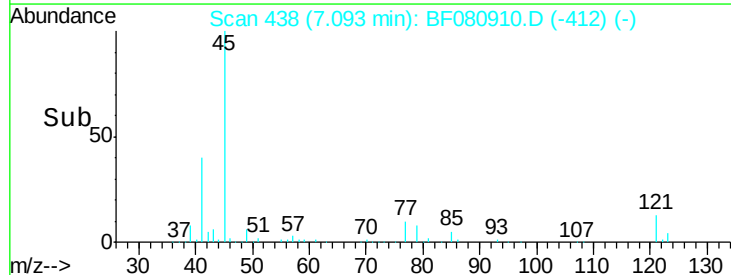
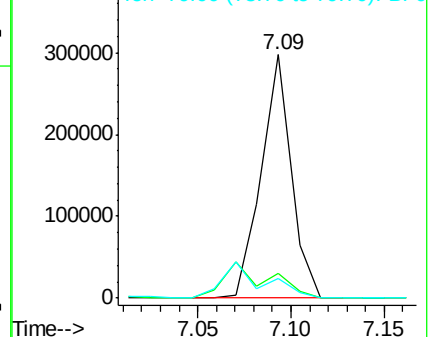
79 8.0 0.0 27.6

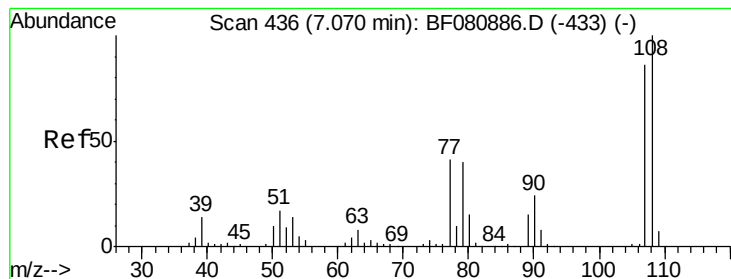


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

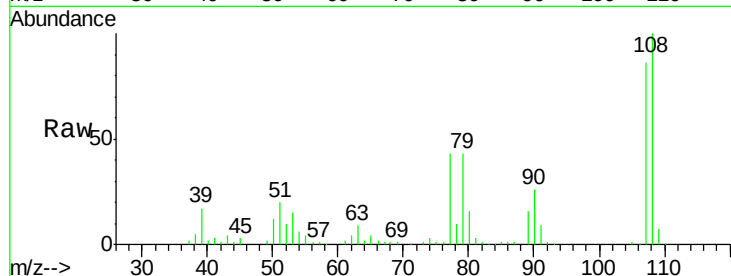




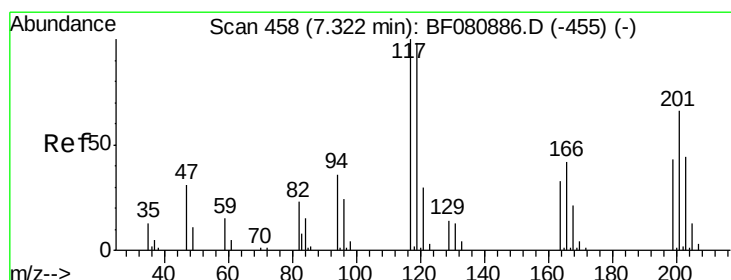
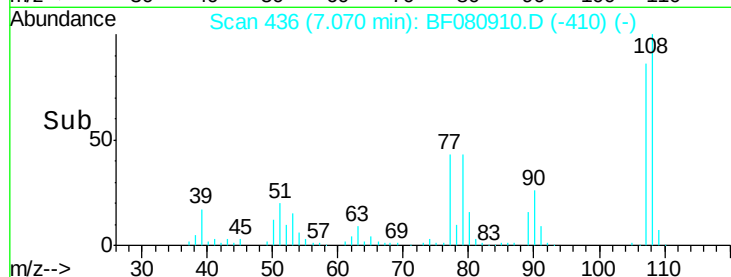
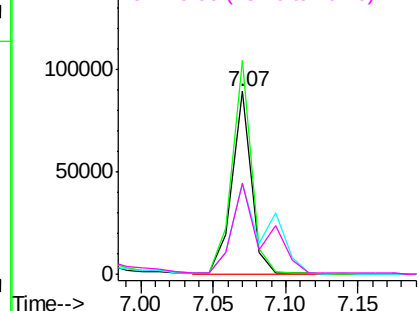
#17
2-Methylphenol
Concen: 22.47 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	83509
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.1	139.7
77	50.0	38.2	57.2
79	49.8	37.7	56.5

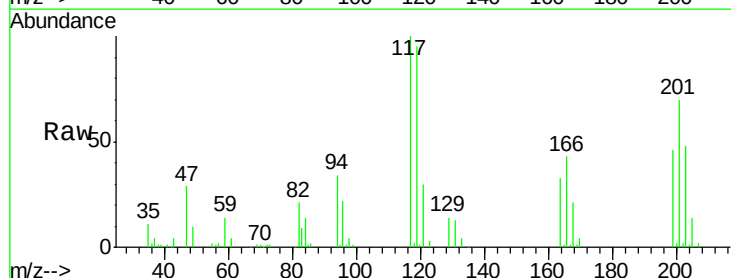


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

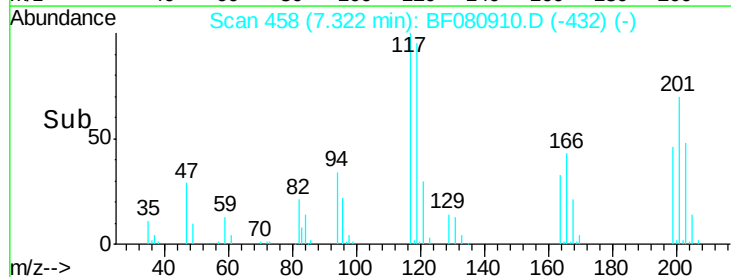
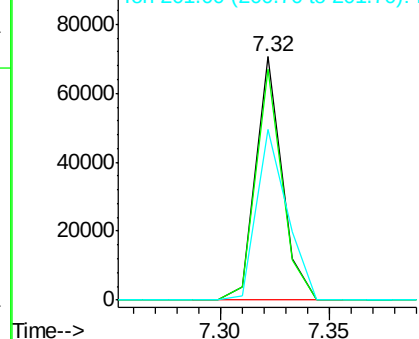


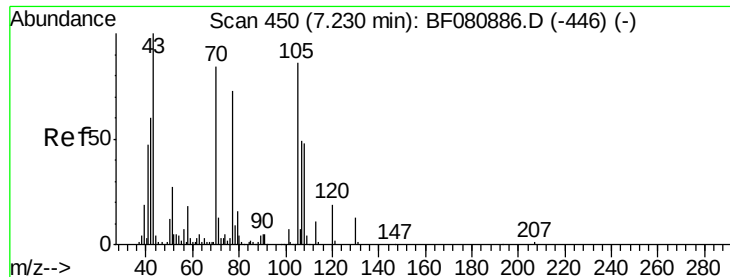
#18
Hexachloroethane
Concen: 34.20 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:	117	Resp:	59500
Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.4	117.6
201	70.1	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

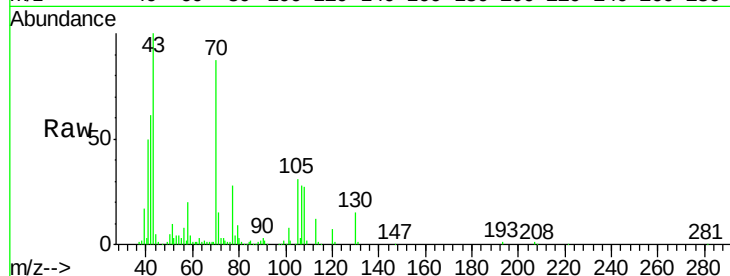




#19
n-Nitroso-di-n-propylamine
Concen: 40.75 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.7	57.2	85.8
101	8.9	6.6	9.8
130	17.1	12.6	19.0



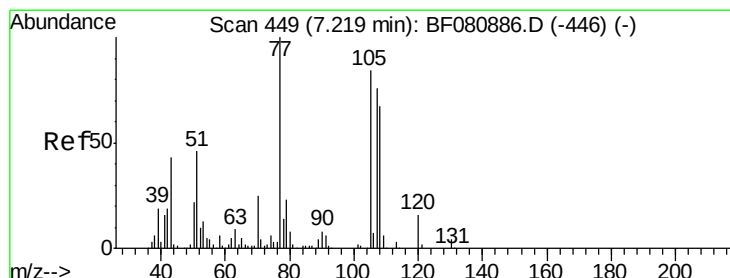
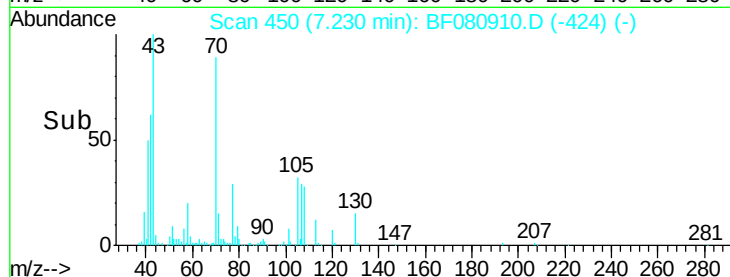
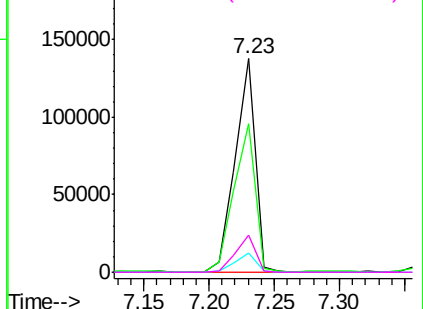
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20
3+4-Methylphenols
Concen: 19.98 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	67.3	107.3
77	292.0	111.2	151.2#
79	30.7	10.6	50.6

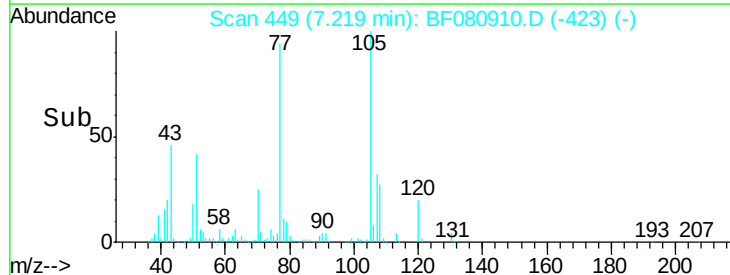
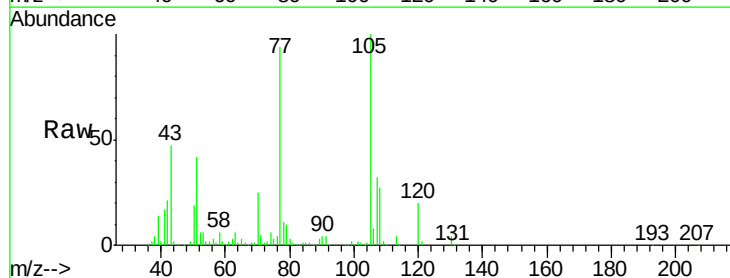
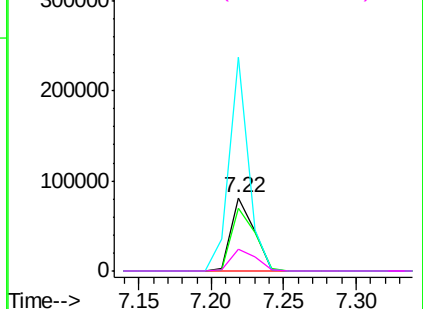
Abundance

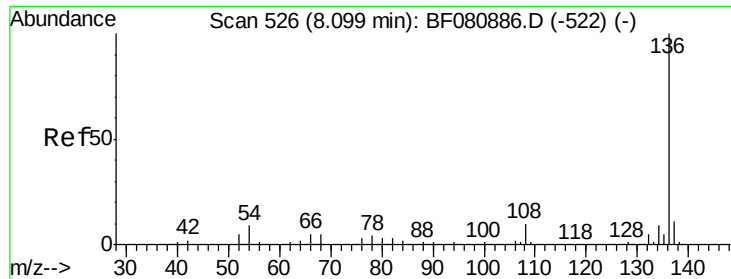
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

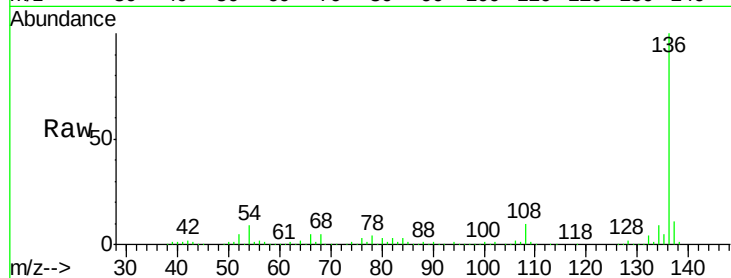




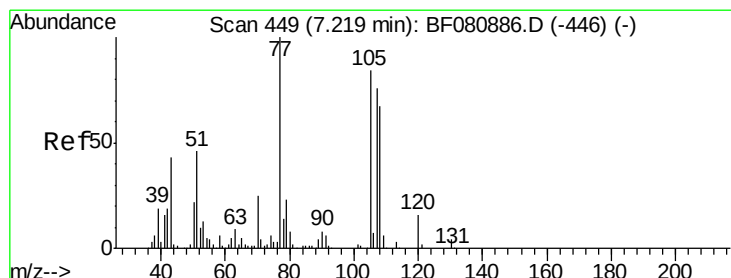
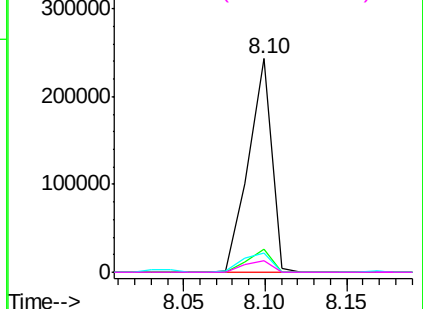
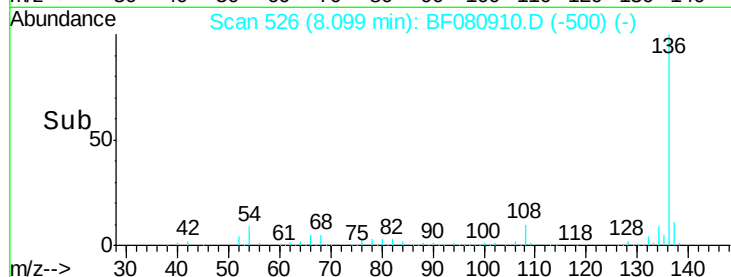
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	240619
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.6 12.8
54	9.3	7.5 11.3
68	5.2	4.2 6.2

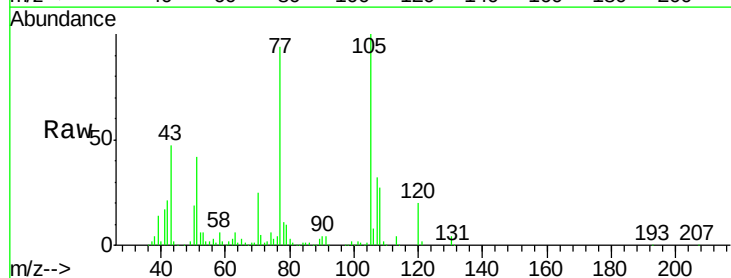


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

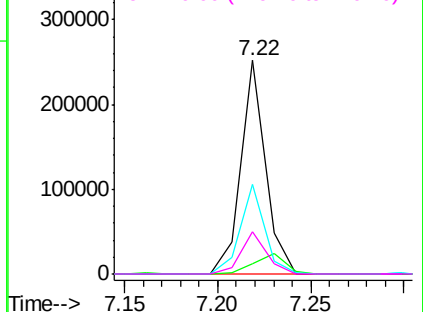
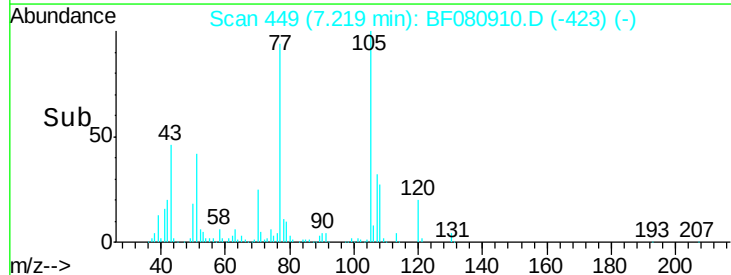


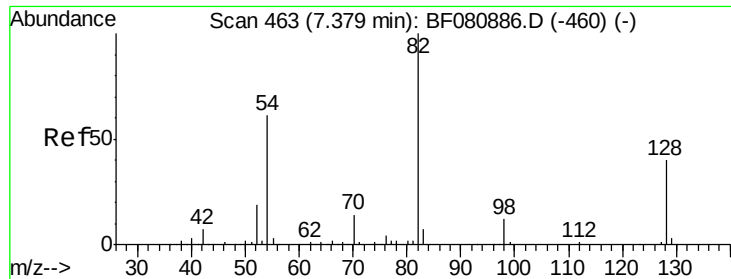
#22
Acetophenone
Concen: 38.69 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:105	Resp:	232809
Ion Ratio	Lower	Upper
105	100	
71	4.8	3.8 5.8
51	41.7	44.2 66.4#
120	19.9	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

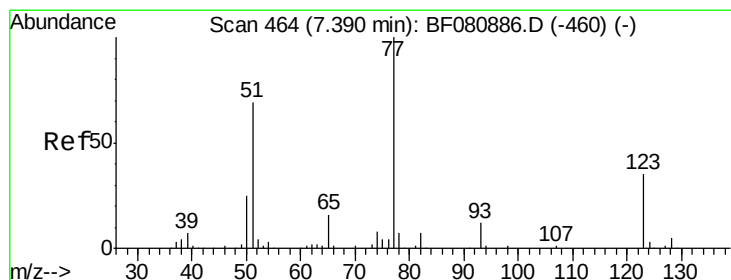
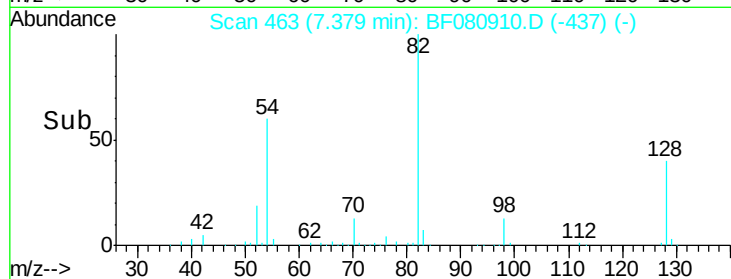
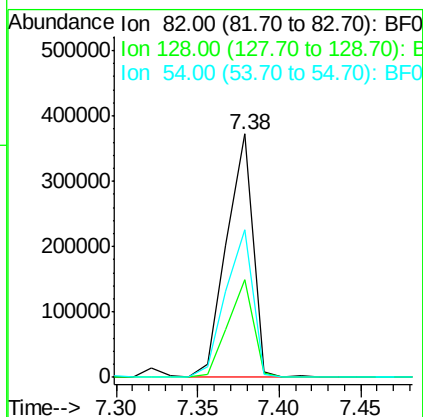
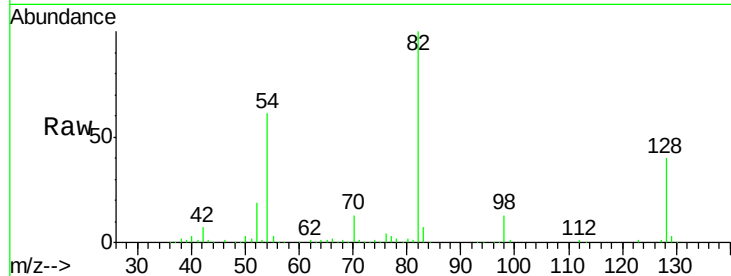




#23
 Nitrobenzene-d5
 Concen: 81.49 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

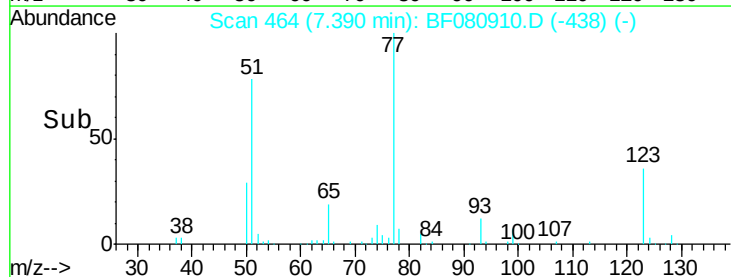
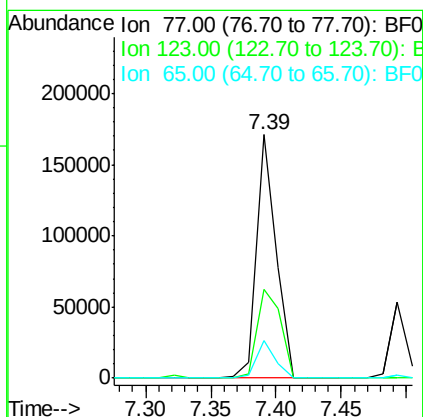
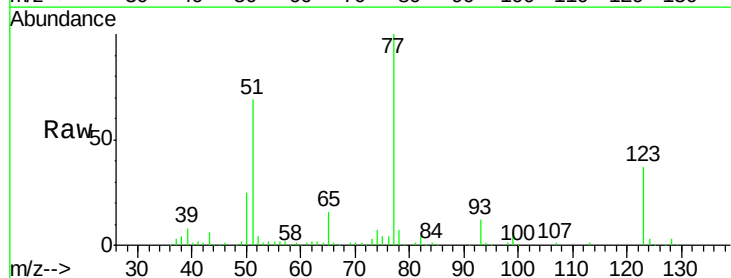
Instrument :
 BNA_F
 ClientSampled :

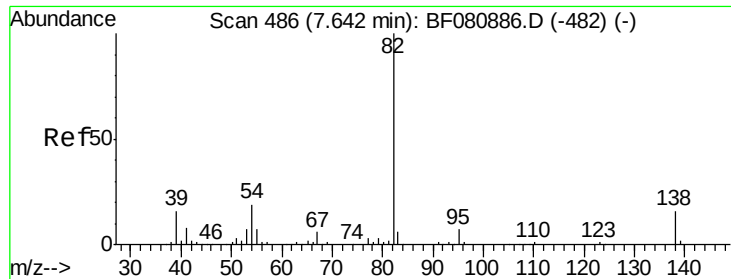
Tot Ion	82	Resp	416215
Ion Ratio	Lower	Upper	
82	100		
128	40.4	31.8	47.6
54	60.5	48.6	72.8



#24
 Nitrobenzene
 Concen: 34.46 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion	77	Resp	179387
Ion Ratio	Lower	Upper	
77	100		
123	36.7	28.3	42.5
65	15.7	12.5	18.7





#25

Isophorone

Concen: 36.98 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

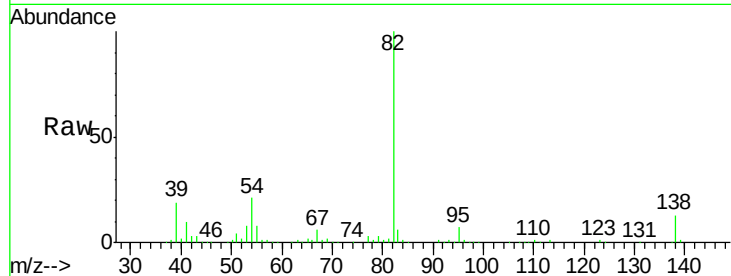
Tot Ion: 82 Resp: 362006

Ion Ratio Lower Upper

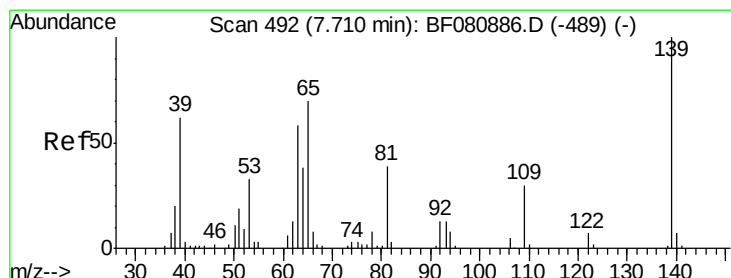
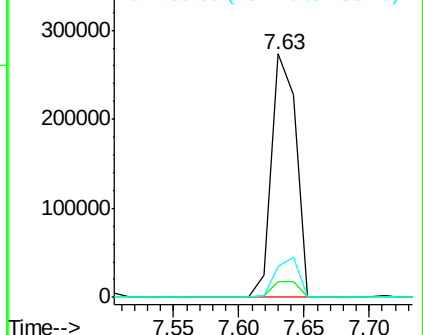
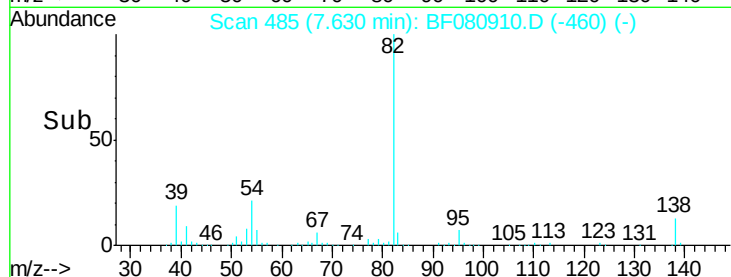
82 100

95 6.7 5.7 8.5

138 12.8 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: 31.44 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

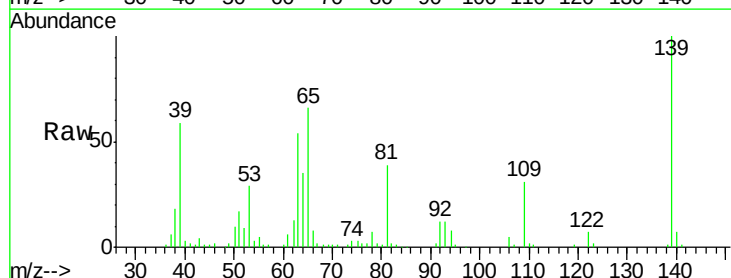
Tgt Ion: 139 Resp: 68685

Ion Ratio Lower Upper

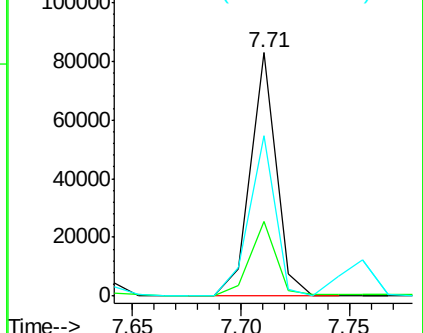
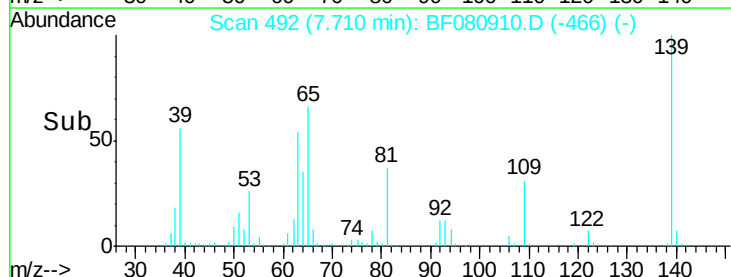
139 100

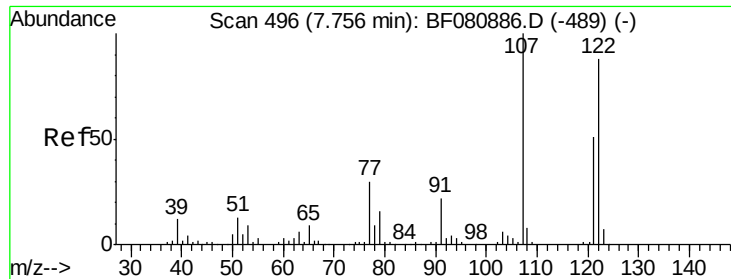
109 30.8 24.2 36.4

65 66.0 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: 30.01 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

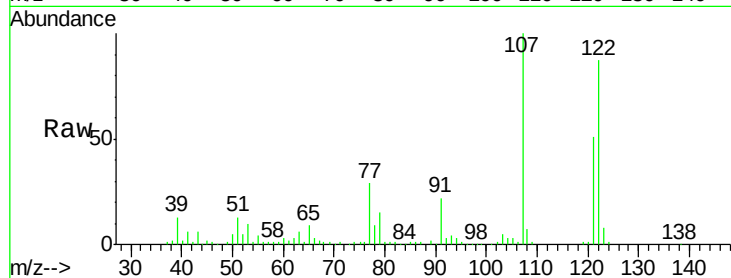
Tot Ion:122 Resp: 125789

Ion Ratio Lower Upper

122 100

107 115.4 91.1 136.7

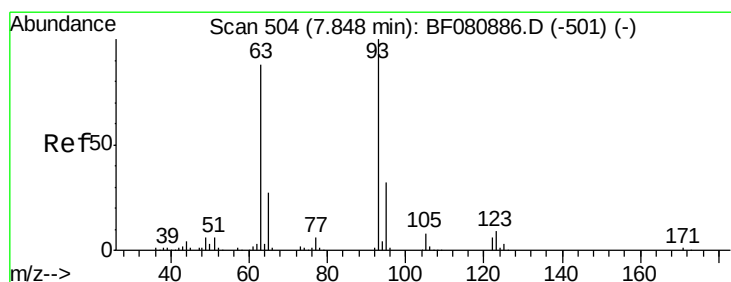
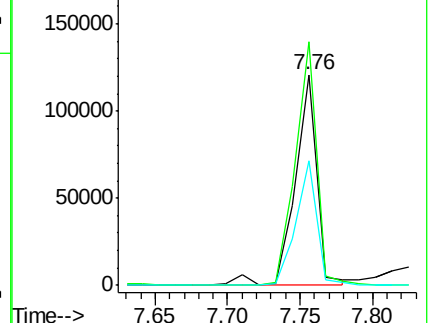
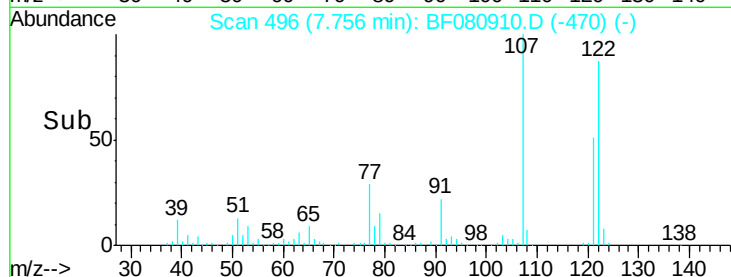
121 59.0 46.2 69.4



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: 35.77 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

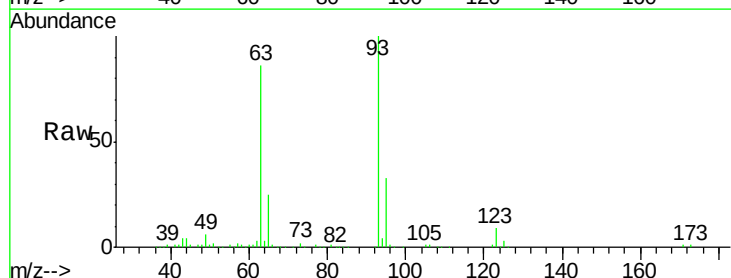
Tgt Ion: 93 Resp: 207559

Ion Ratio Lower Upper

93 100

95 32.8 25.5 38.3

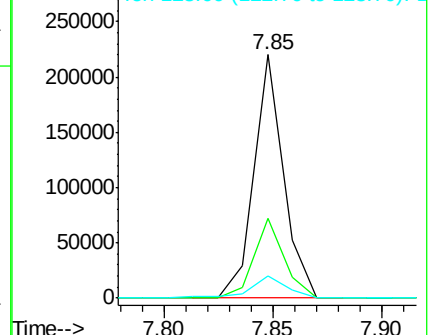
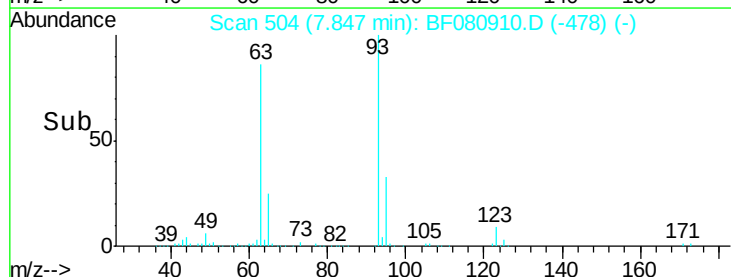
123 9.1 7.6 11.4

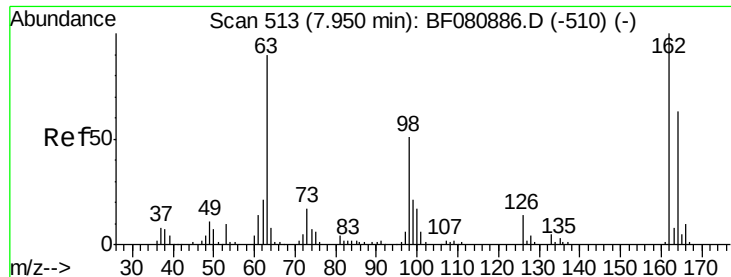


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

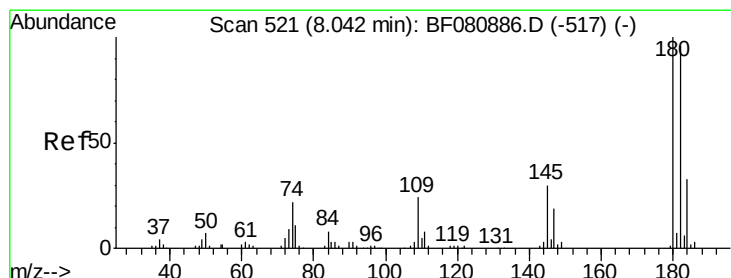
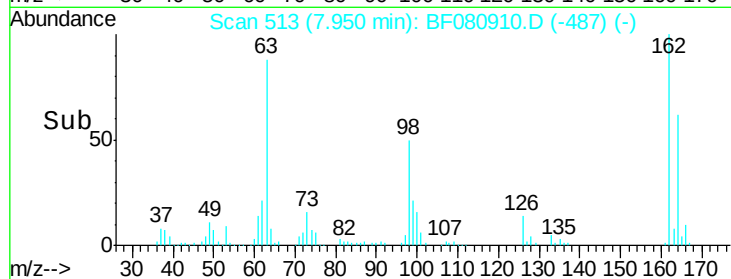
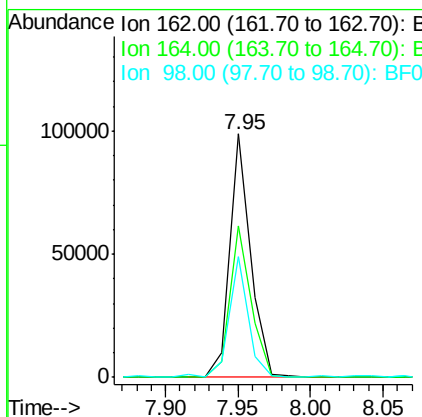
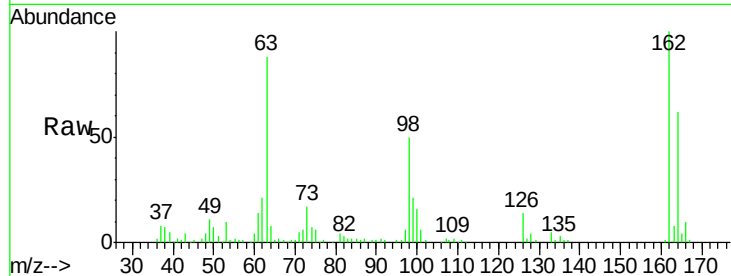




#29
 2,4-Dichlorophenol
 Concen: 29.38 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

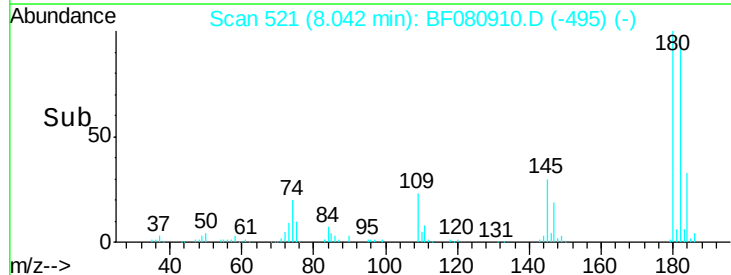
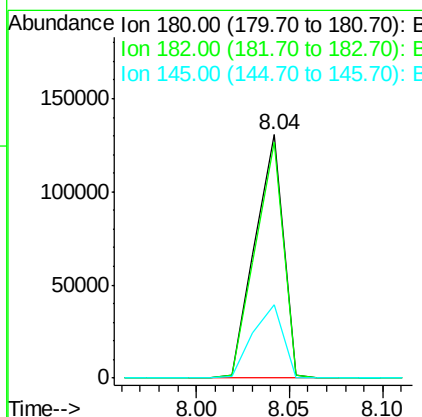
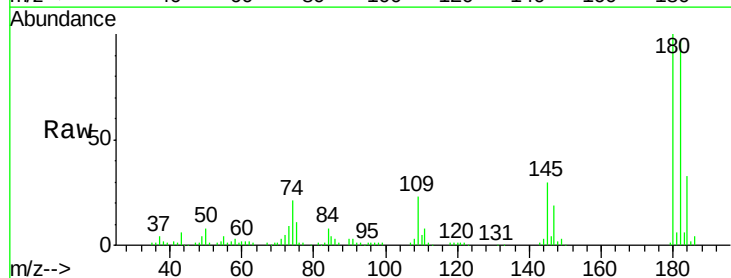
Instrument :
 BNA_F
 ClientSampleId :

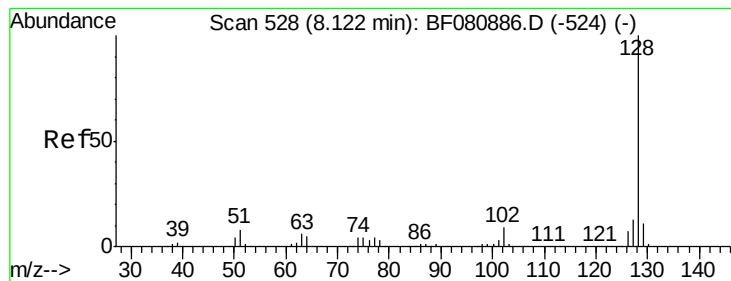
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	43.4	83.4
98	49.7	30.9	70.9



#30
 1,2,4-Trichlorobenzene
 Concen: 37.00 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.8	115.2
145	30.0	24.2	36.2





#31

Naphthalene

Concen: 37.24 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

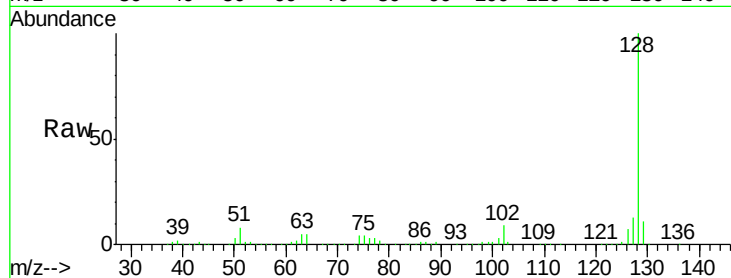
Tot Ion:128 Resp: 486270

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

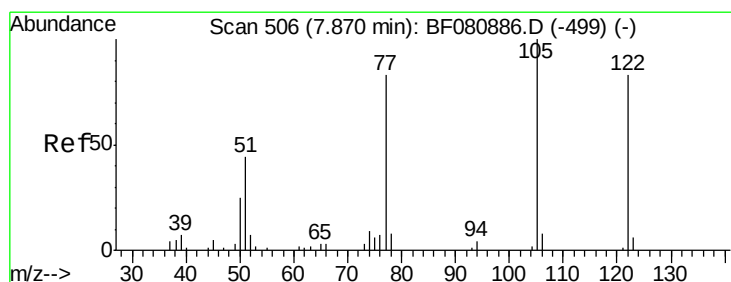
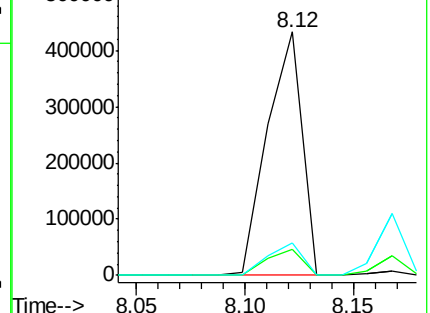
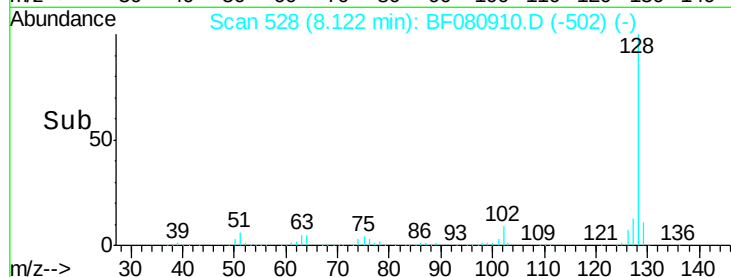
127 13.3 10.6 15.8



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: 11.82 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.03 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

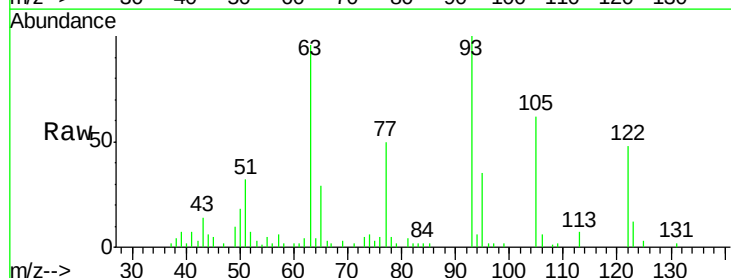
Tgt Ion:122 Resp: 31507

Ion Ratio Lower Upper

122 100

105 130.6 101.6 141.6

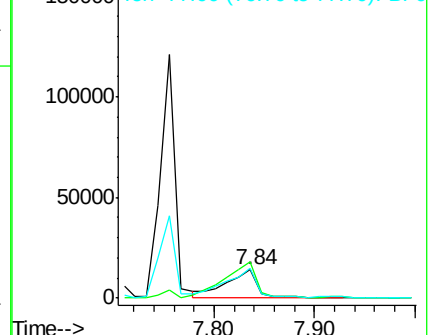
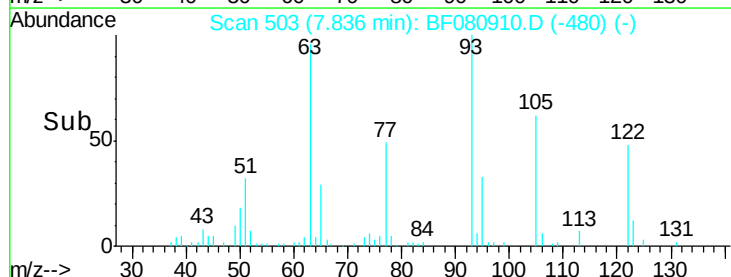
77 104.7 80.9 120.9

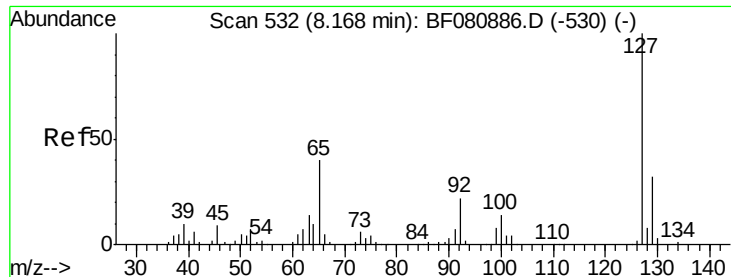


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

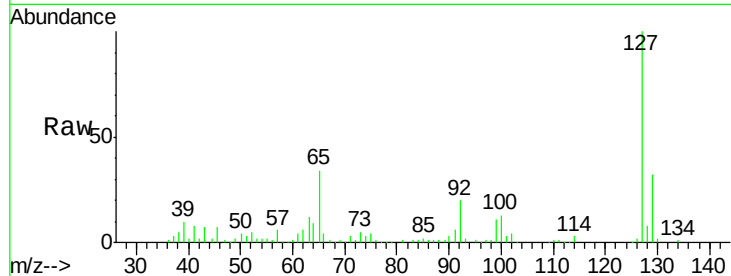




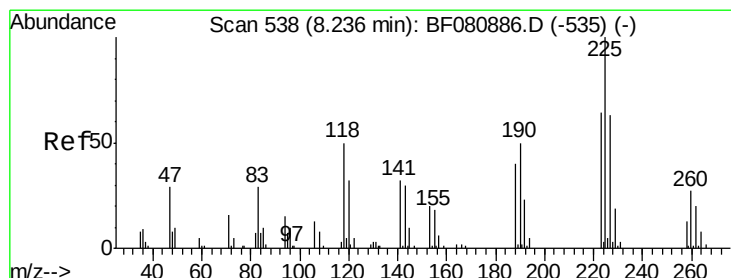
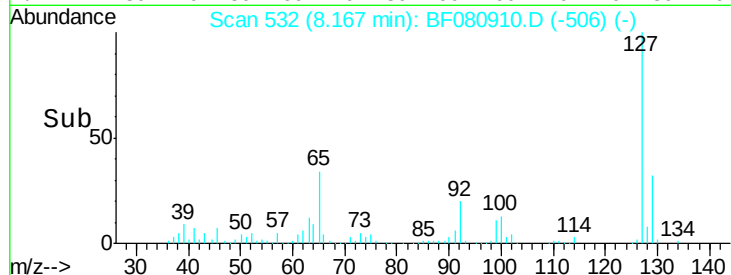
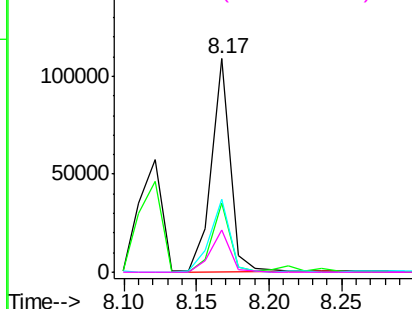
#33
4-Chloroaniline
Concen: 18.08 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	97592
Ion Ratio	Lower	Upper
127	100	
129	32.2	25.8 38.8
65	34.0	31.7 47.5
92	20.0	17.6 26.4

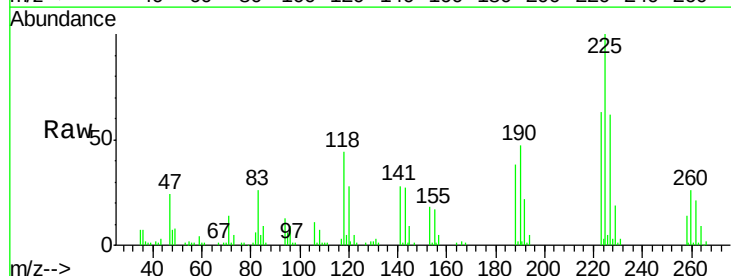


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

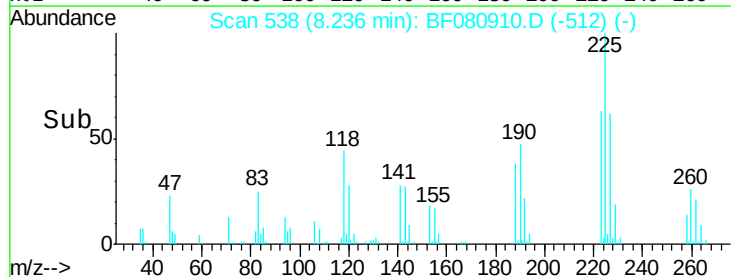
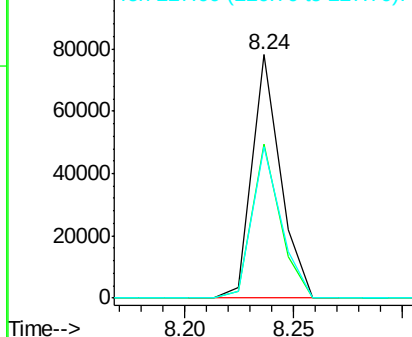


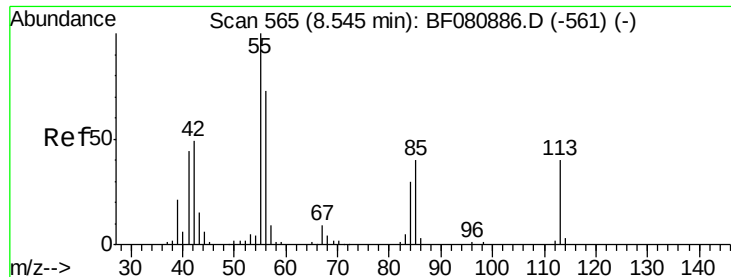
#34
Hexachlorobutadiene
Concen: 33.67 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:225	Resp:	70965
Ion Ratio	Lower	Upper
225	100	
223	63.4	51.2 76.8
227	62.4	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

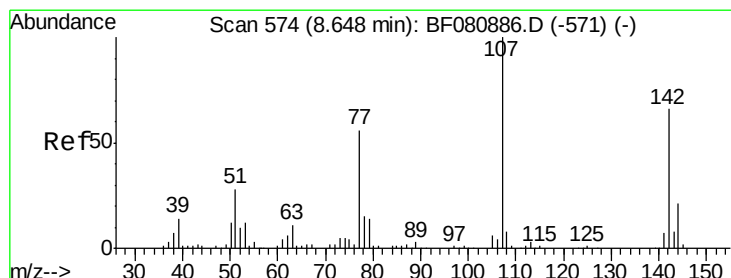
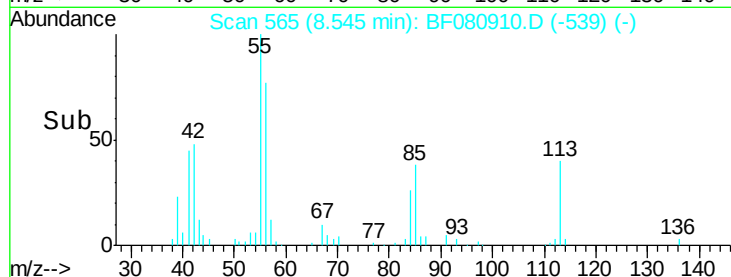
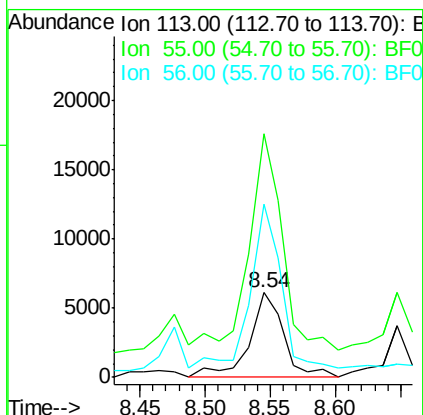
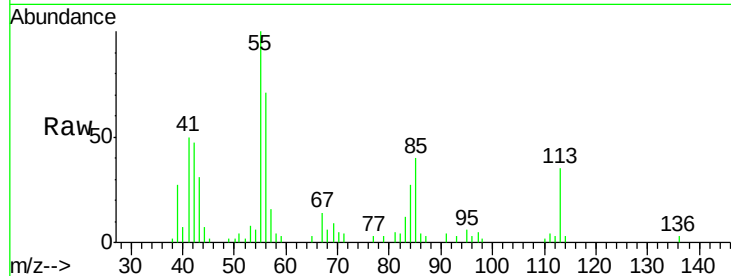




#35
 Caprolactam
 Concen: 9.13 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

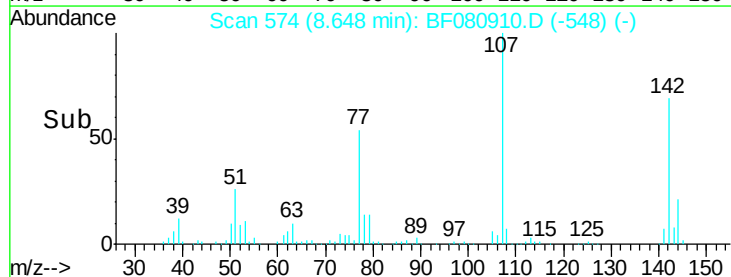
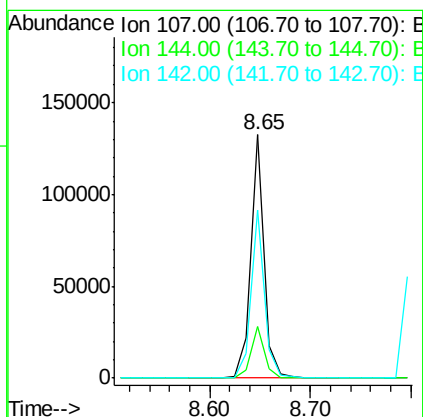
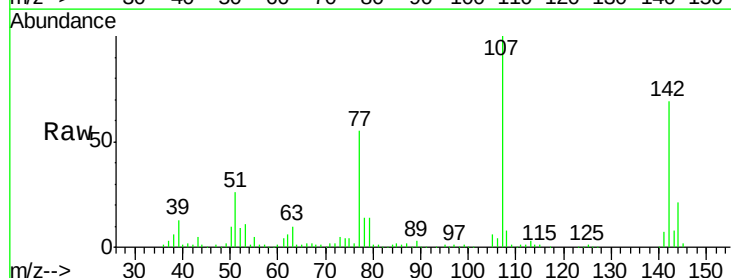
Instrument :
 BNA_F
 ClientSampleId :

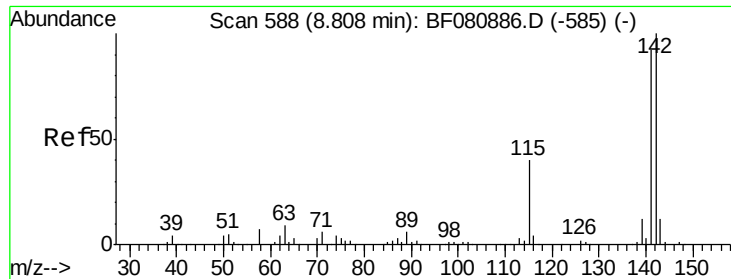
Tot Ion:113 Resp: 11394
 Ion Ratio Lower Upper
 113 100
 55 287.1 228.4 268.4#
 56 205.0 161.5 201.5#



#36
 4-Chloro-3-methylphenol
 Concen: 30.20 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion:107 Resp: 121552
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.0 25.6
 142 69.0 52.6 78.8

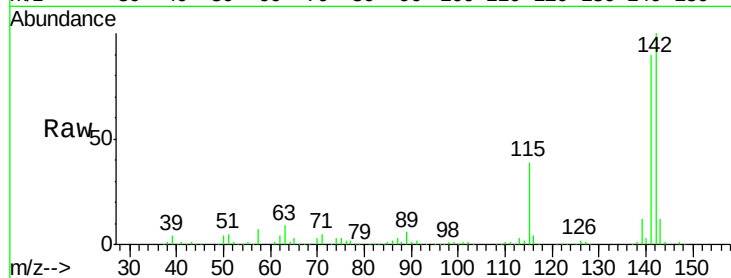




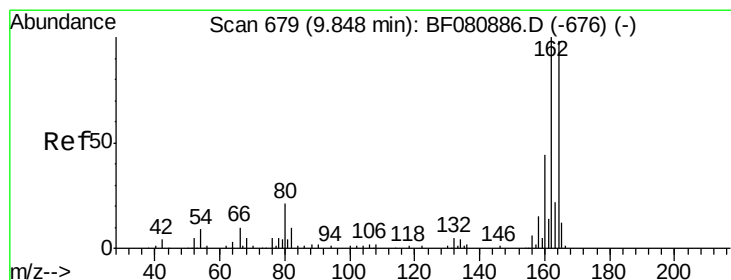
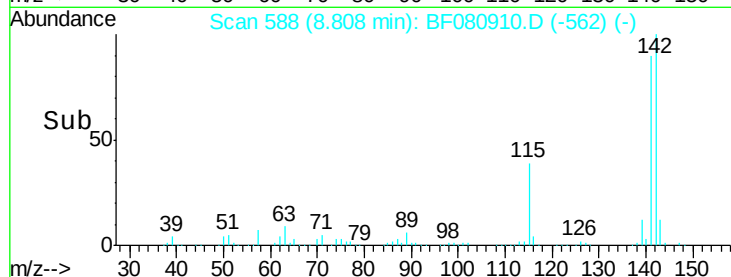
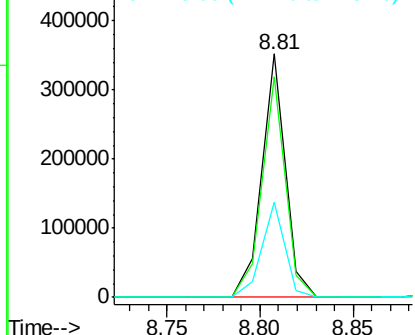
#37
2-Methylnaphthalene
Concen: 37.91 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	39.2	32.1	48.1

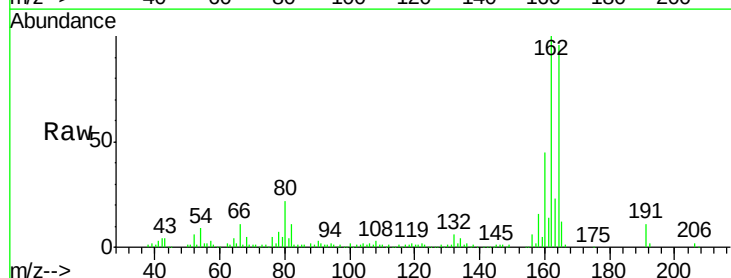


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

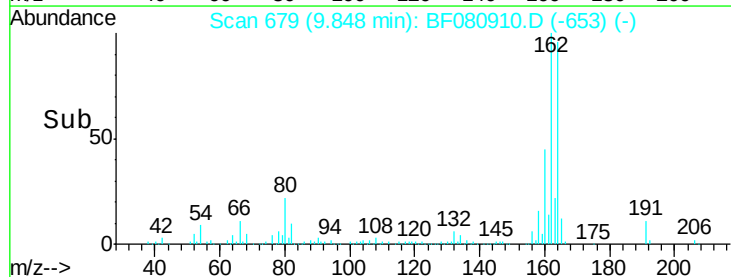
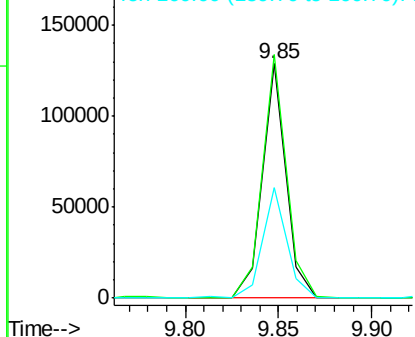


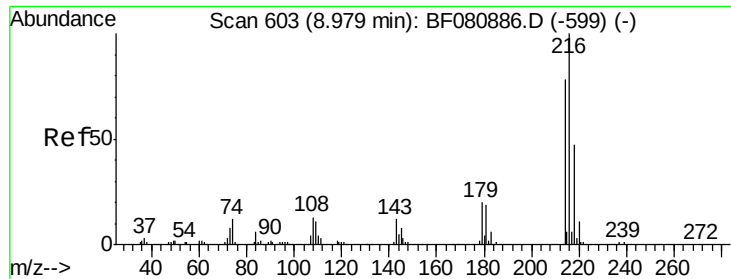
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.5	122.3
160	46.8	35.9	53.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.92 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 136193

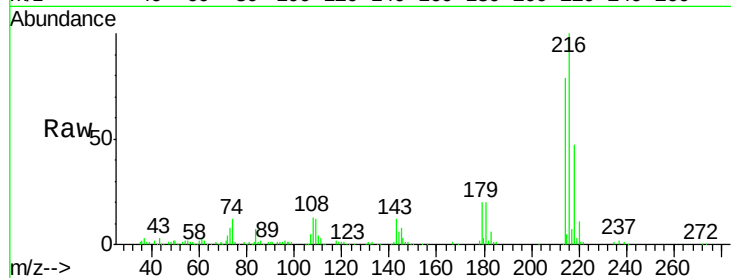
Ion Ratio Lower Upper

216 100

214 79.4 62.8 94.2

179 21.8 17.0 25.6

108 23.1 16.7 25.1

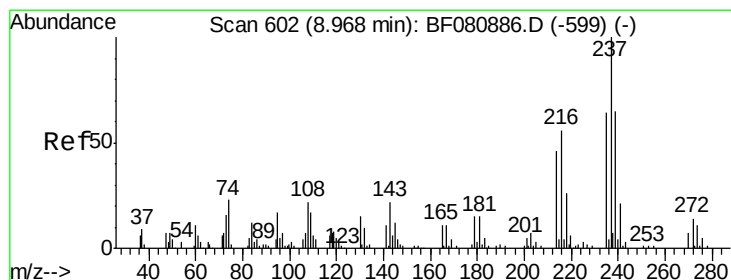
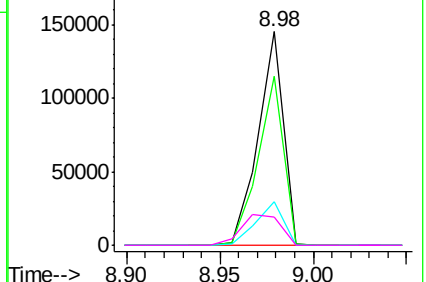
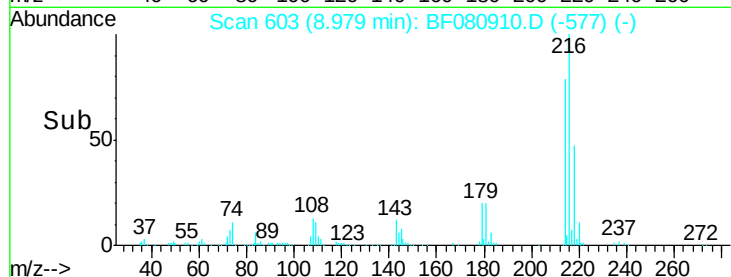


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.07 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

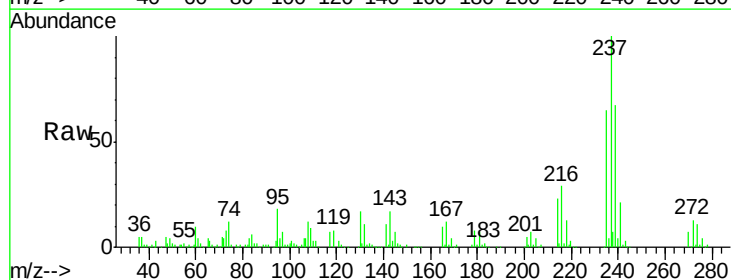
Tgt Ion:237 Resp: 162583

Ion Ratio Lower Upper

237 100

235 64.9 43.7 83.7

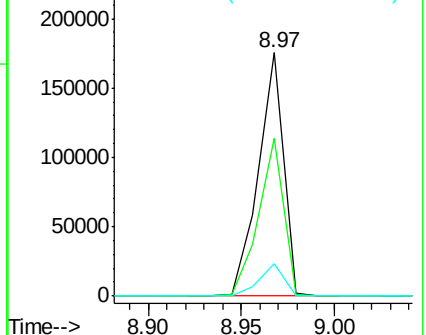
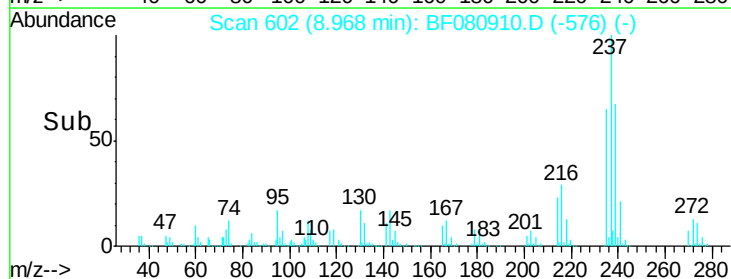
272 13.3 0.0 33.8

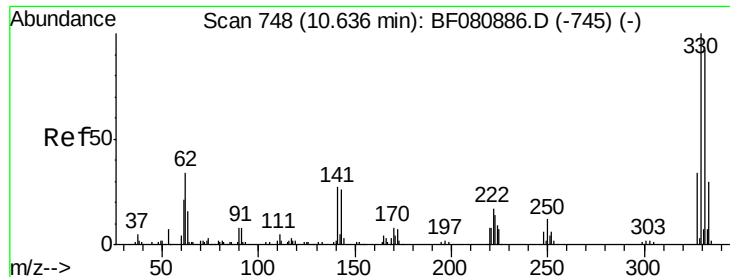


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

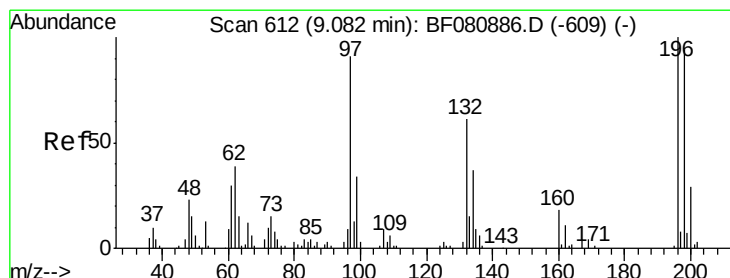
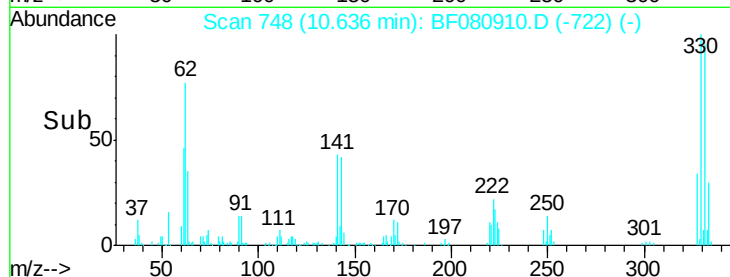
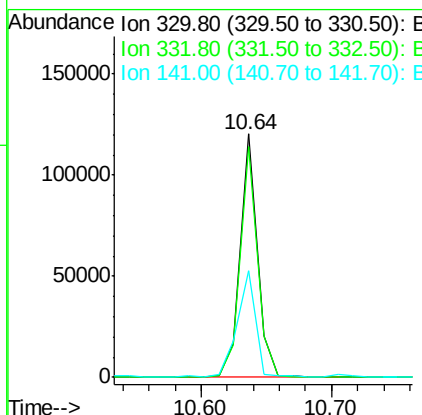
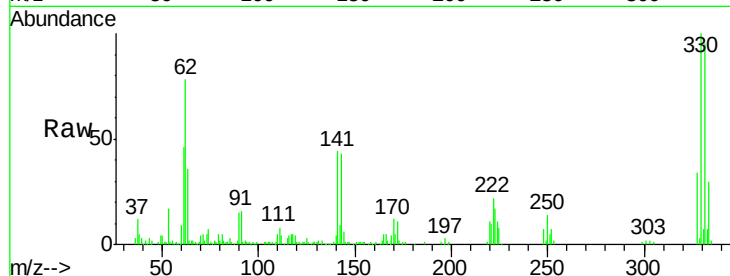




#41
 2,4,6-Tribromophenol
 Concen: 91.00 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

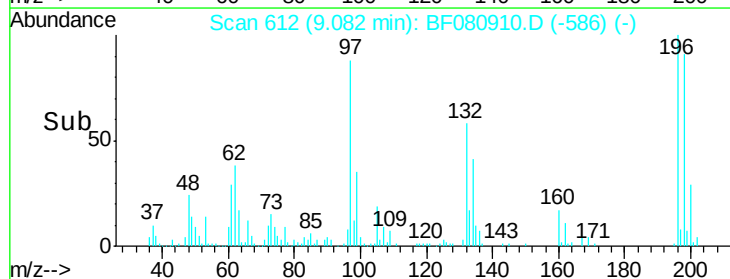
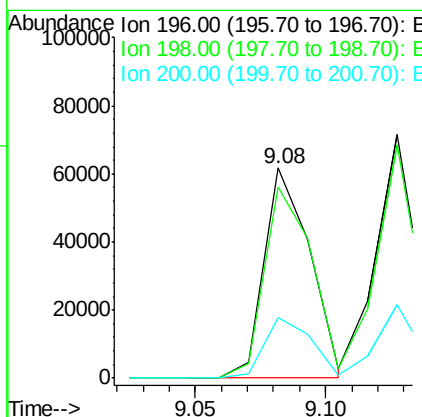
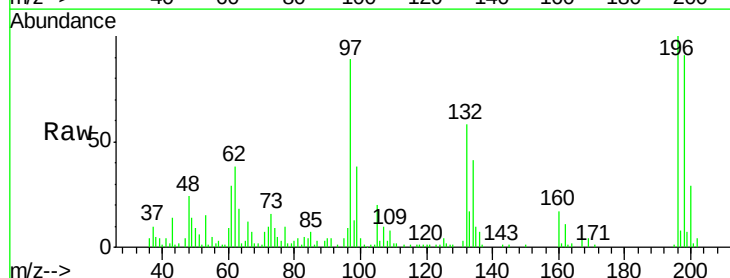
Instrument :
 BNA_F
 ClientSampleId :

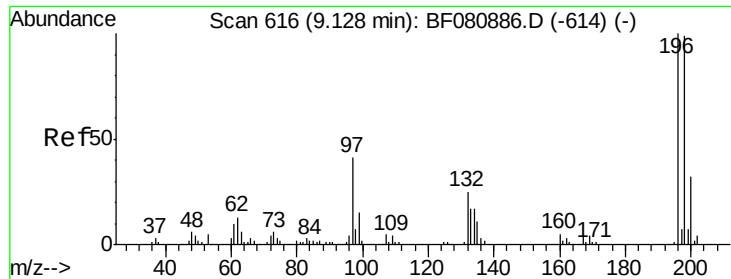
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	74.1	111.1
141	46.0	30.1	45.1#



#42
 2,4,6-Trichlorophenol
 Concen: 29.93 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.9	74.9	112.3
200	29.0	23.2	34.8

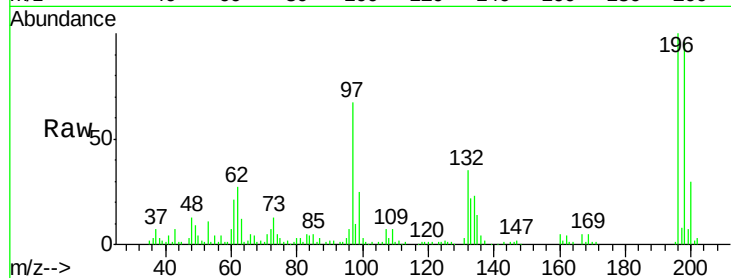




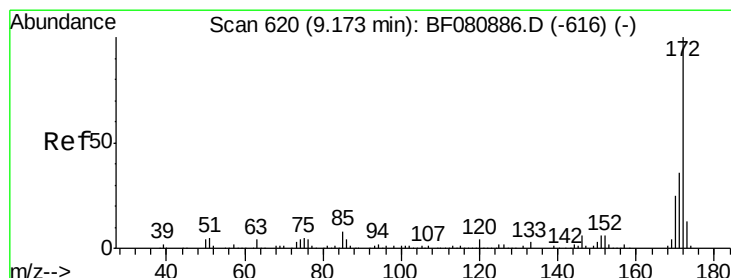
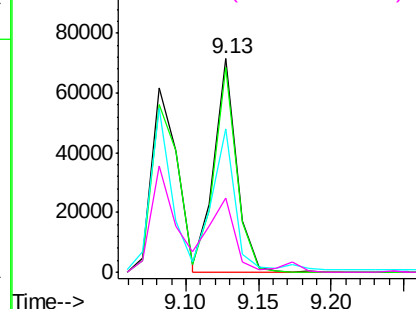
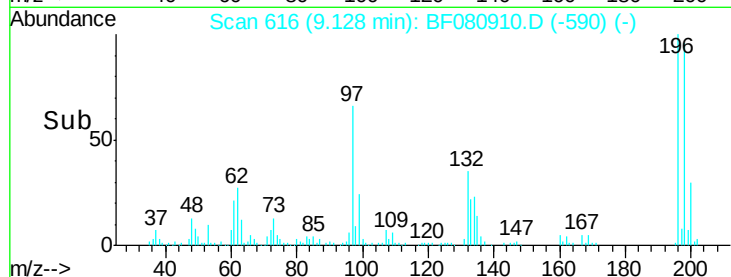
#43
 2,4,5-Trichlorophenol
 Concen: 30.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.7	118.1
97	66.9	33.9	50.9
132	34.9	20.1	30.1

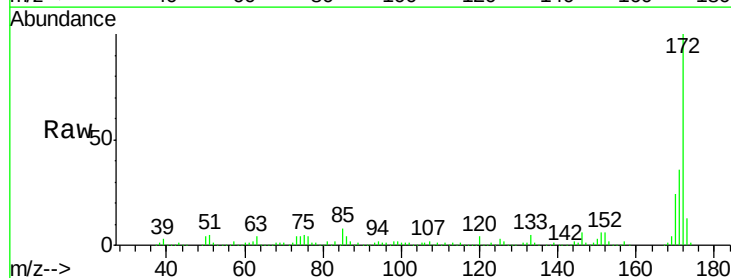


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

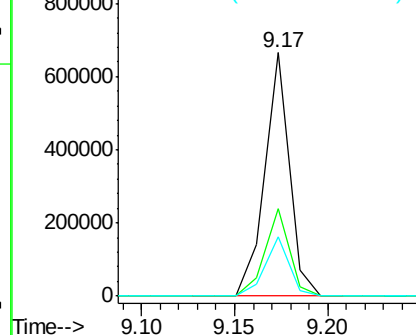
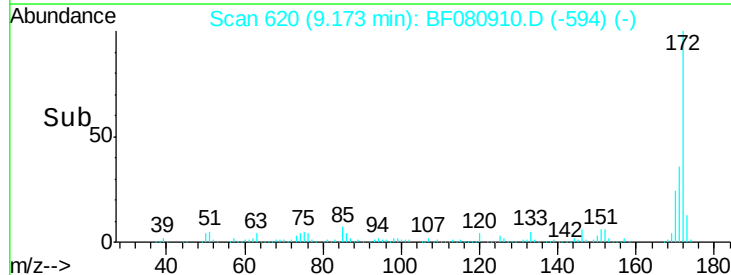


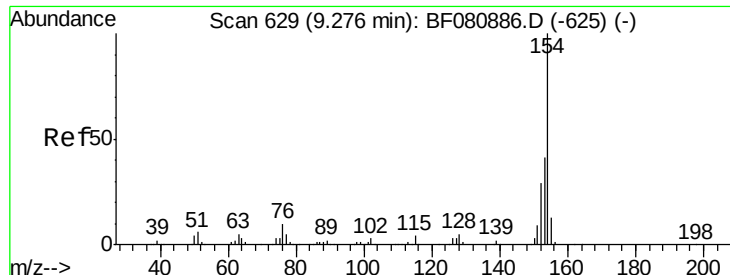
#44
 2-Fluorobiphenyl
 Concen: 76.69 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.1	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: 43.95 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

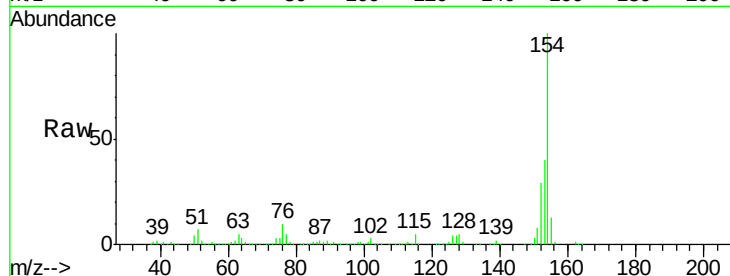
Tot Ion:154 Resp: 416374

Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

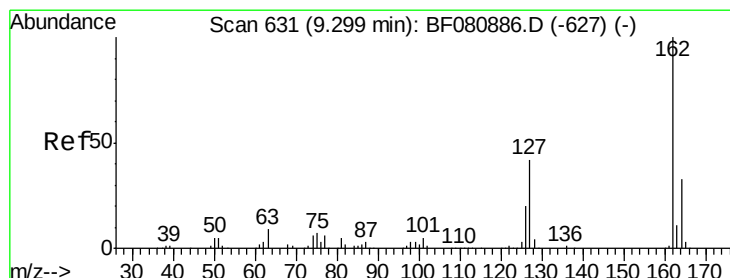
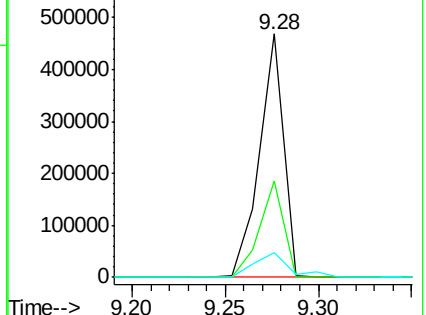
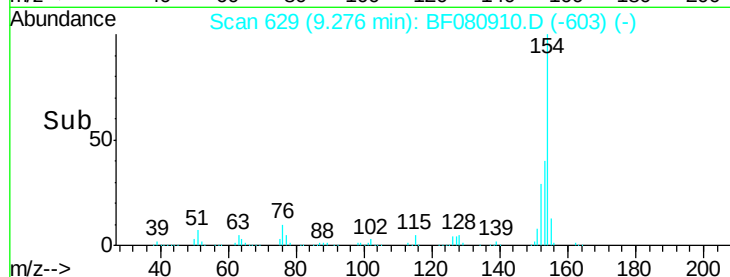
76 10.2 0.0 30.3



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: 41.34 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

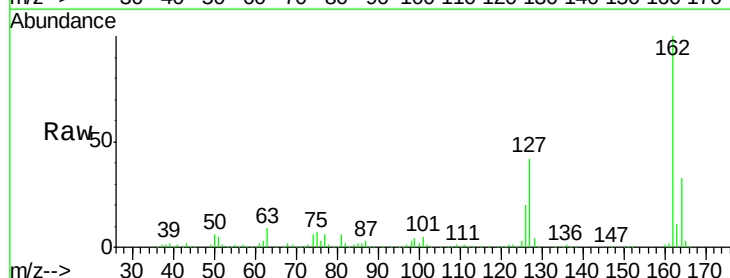
Tgt Ion:162 Resp: 306199

Ion Ratio Lower Upper

162 100

127 42.1 33.5 50.3

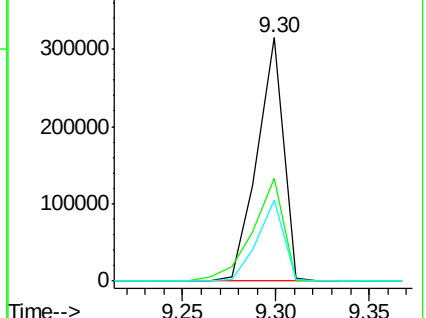
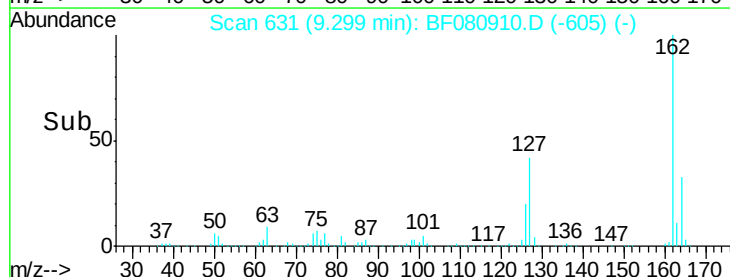
164 33.1 26.5 39.7

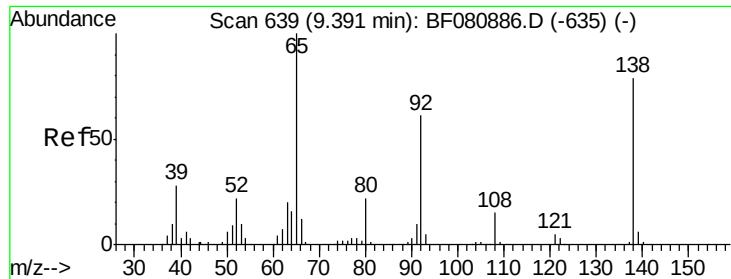


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

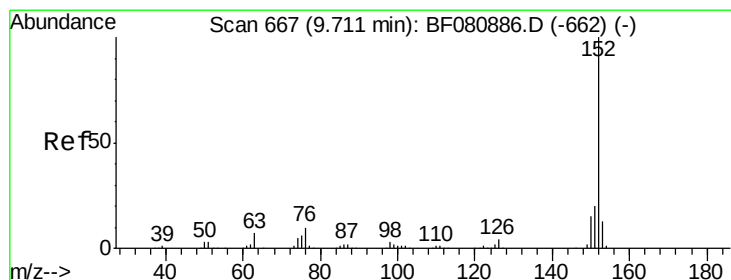
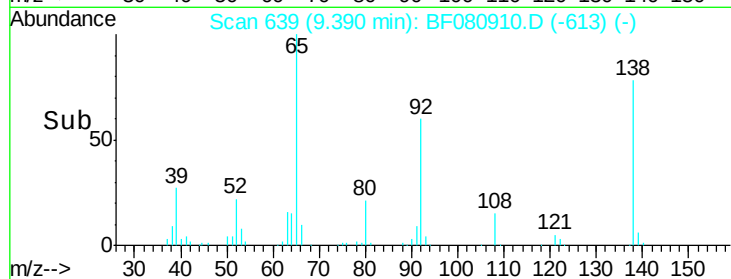
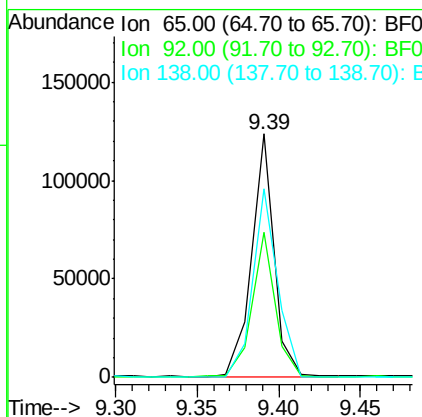
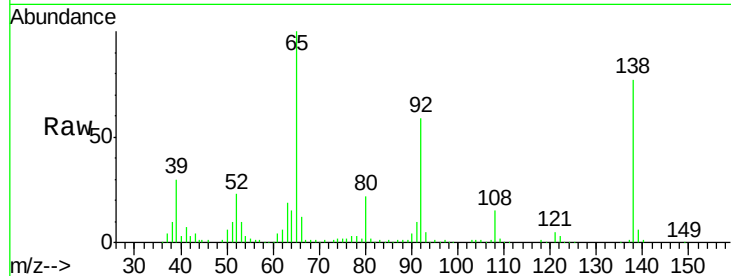




#47
2-Nitroaniline
Concen: 39.26 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

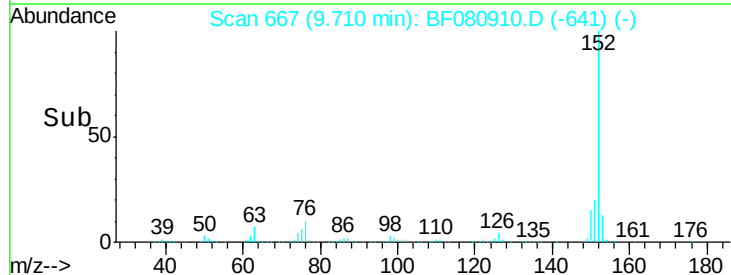
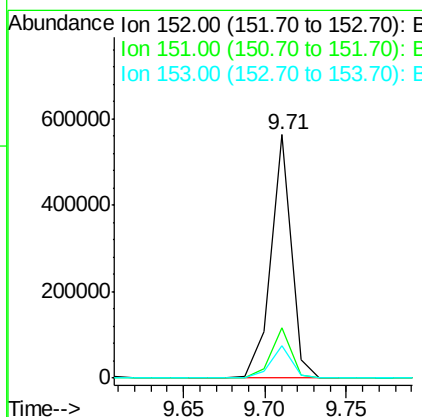
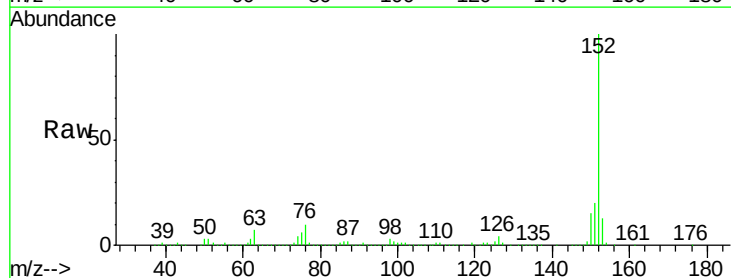
Instrument :
BNA_F
ClientSampleId :

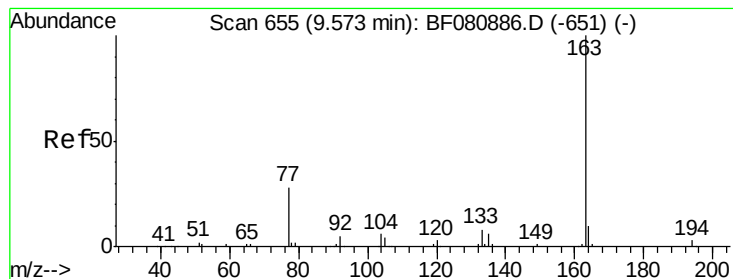
Tot Ion: 65 Resp: 118291
Ion Ratio Lower Upper
65 100
92 59.5 48.5 72.7
138 77.3 63.3 94.9



#48
Acenaphthylene
Concen: 37.91 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion: 152 Resp: 492562
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 44.98 ng

RT: 9.58 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

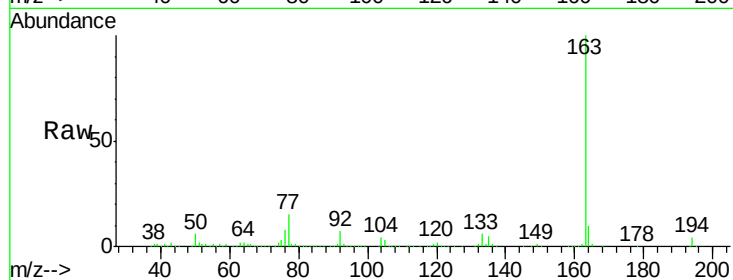
Tot Ion:163 Resp: 400008

Ion Ratio Lower Upper

163 100

194 3.7 2.3 3.5#

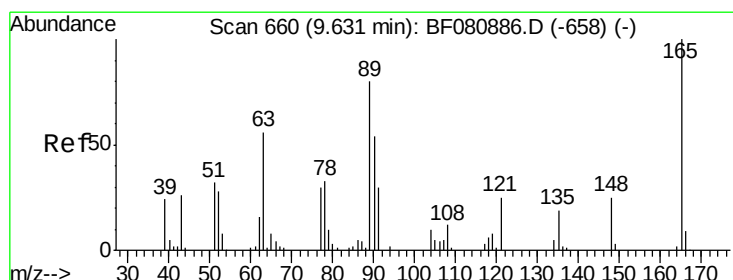
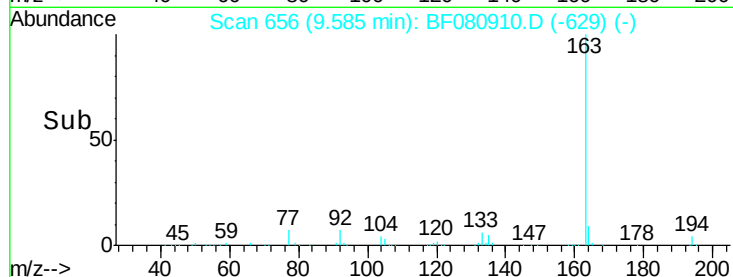
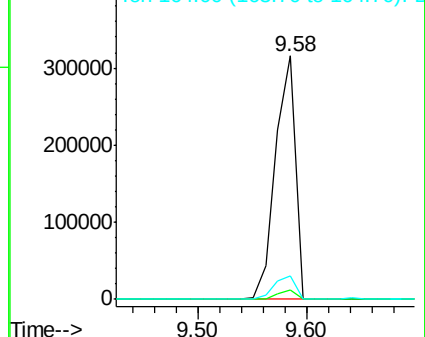
164 9.5 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.96 ng

RT: 9.64 min Scan# 661

Delta R.T. 0.01 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

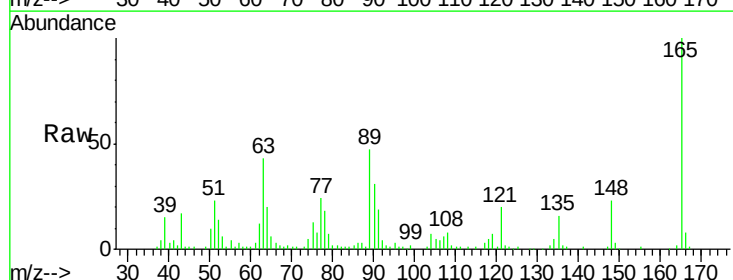
Tgt Ion:165 Resp: 85748

Ion Ratio Lower Upper

165 100

63 42.8 77.6 116.4#

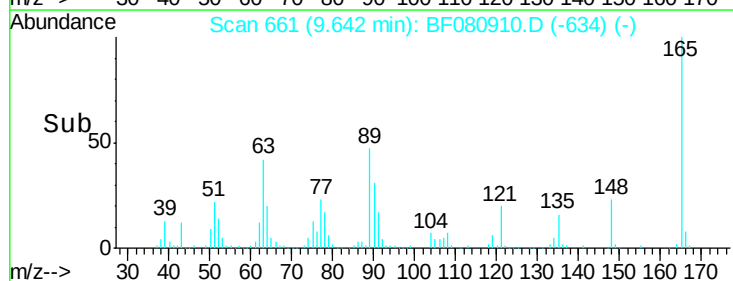
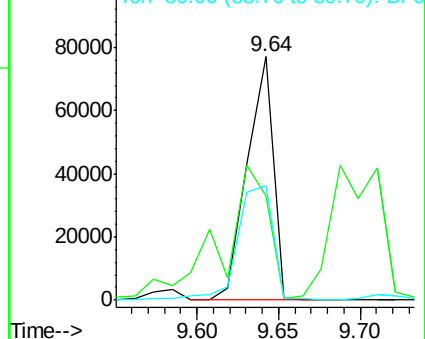
89 47.2 63.7 95.5#

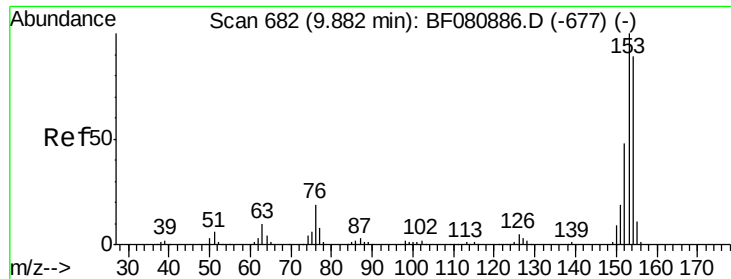


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.62 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

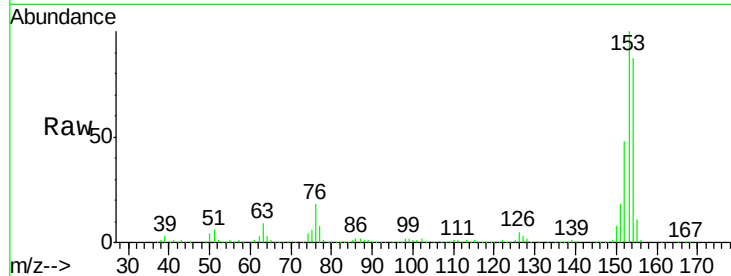
Tot Ion:154 Resp: 328517

Ion Ratio Lower Upper

154 100

153 114.4 90.4 135.6

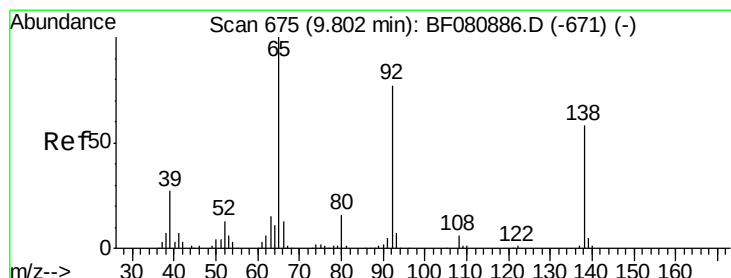
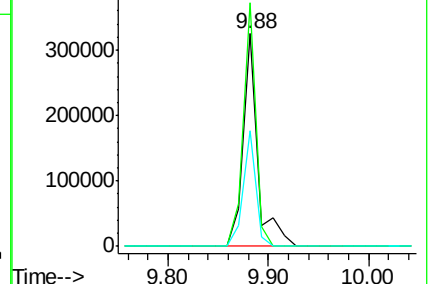
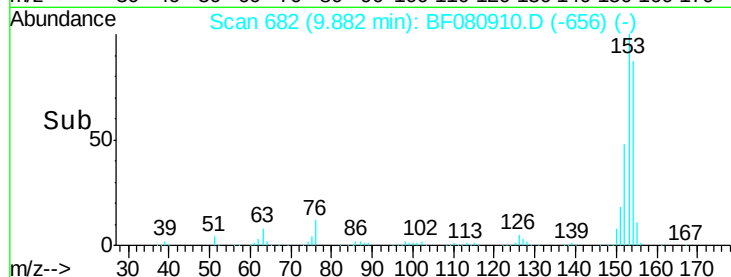
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.39 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

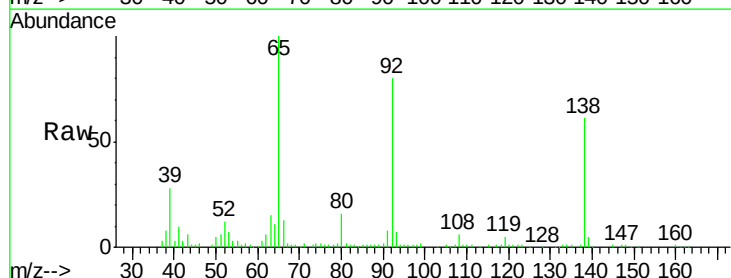
Tgt Ion:138 Resp: 57510

Ion Ratio Lower Upper

138 100

108 10.7 8.9 13.3

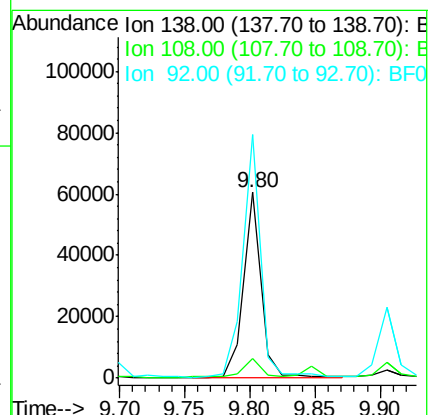
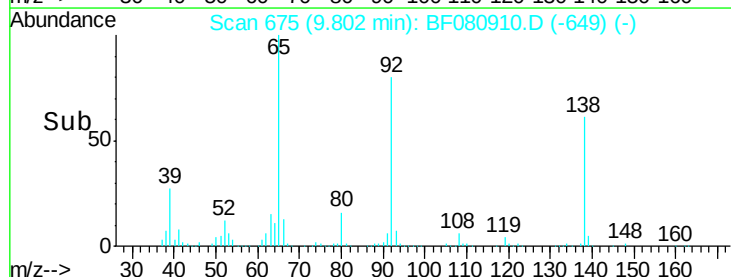
92 131.2 106.2 159.2

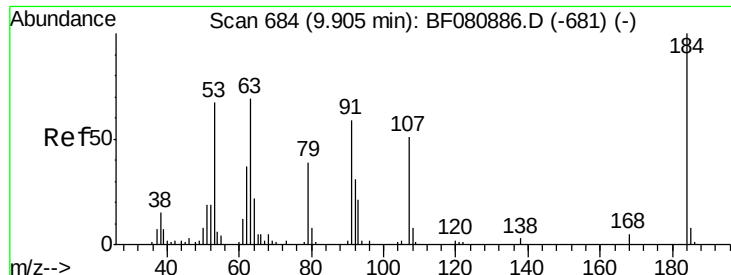


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

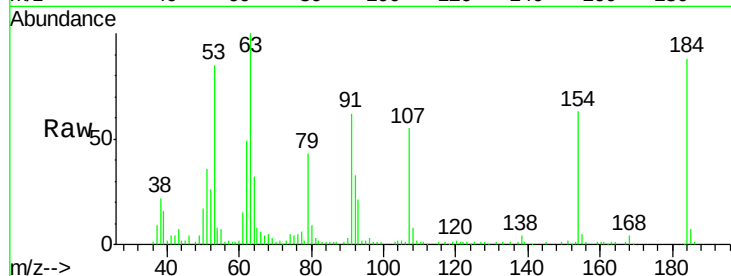




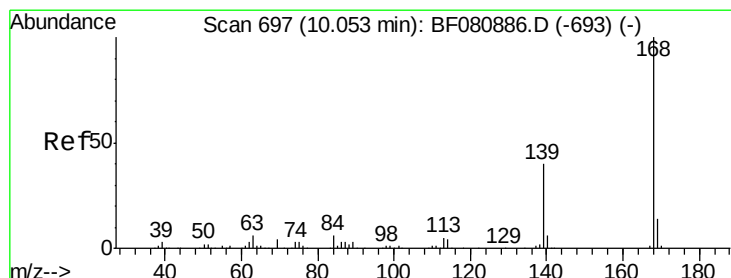
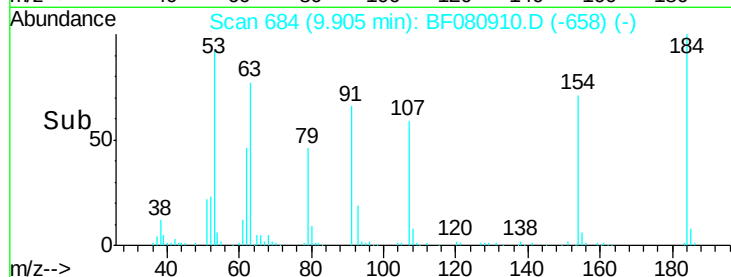
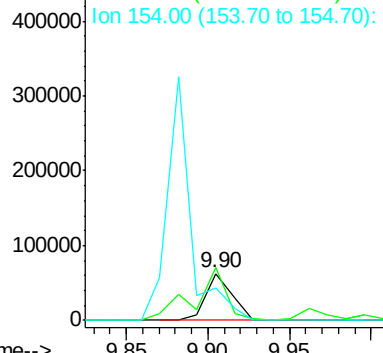
#53
2,4-Dinitrophenol
Concen: 66.37 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 69350
Ion Ratio Lower Upper
184 100
63 113.4 67.6 101.4#
154 71.0 54.3 81.5

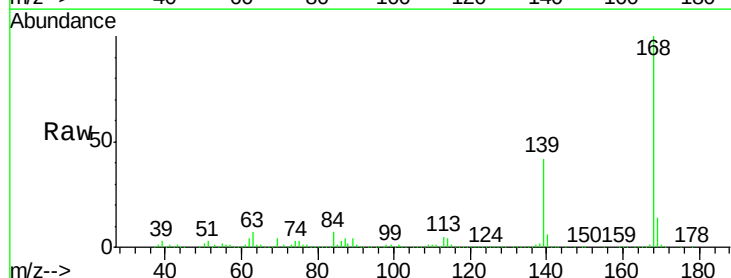


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

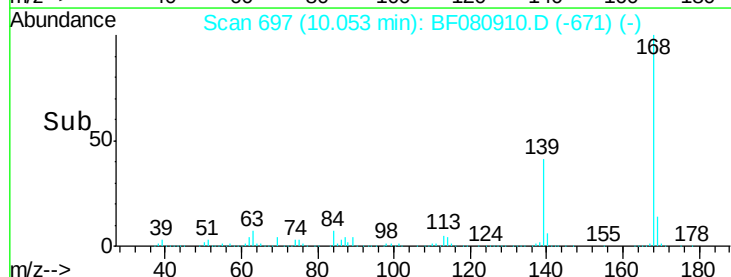
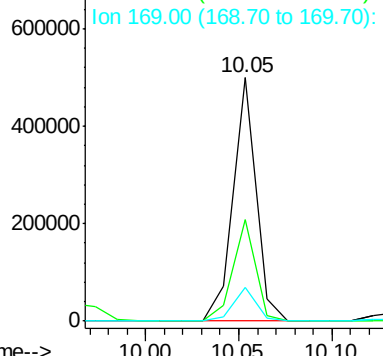


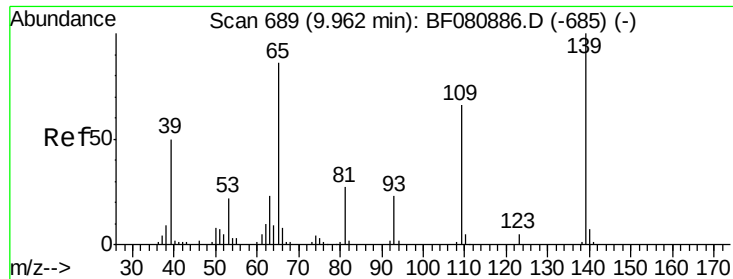
#54
Dibenzofuran
Concen: 39.67 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:168 Resp: 424199
Ion Ratio Lower Upper
168 100
139 41.5 31.8 47.8
169 13.9 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 27.24 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampled :

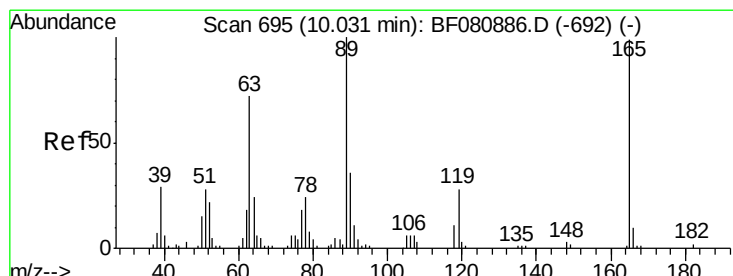
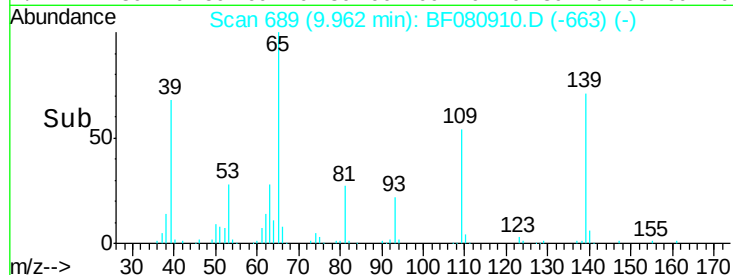
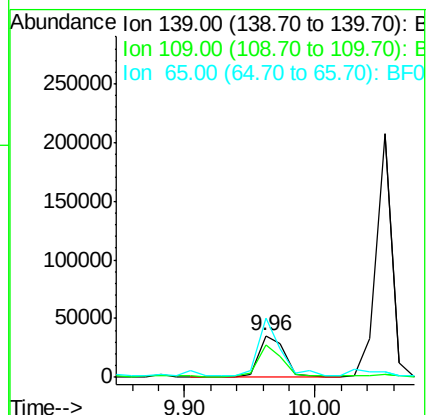
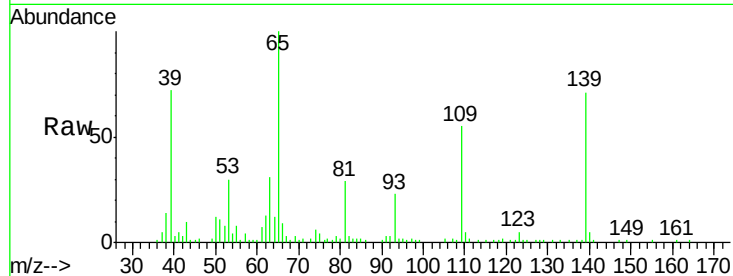
Tot Ion:139 Resp: 48472

Ion Ratio Lower Upper

139 100

109 77.3 46.4 86.4

65 140.2 65.6 105.6#



#56

2,4-Dinitrotoluene

Concen: 45.38 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Tgt Ion:165 Resp: 116417

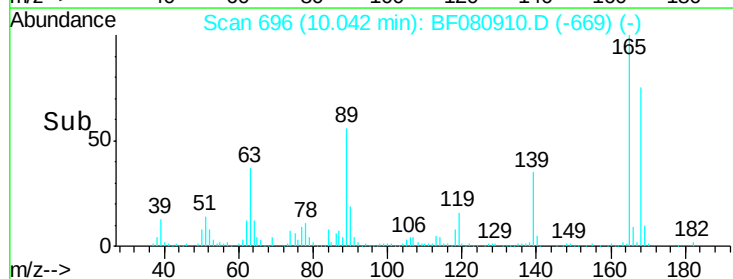
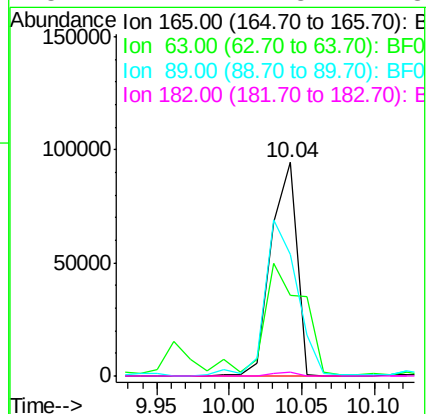
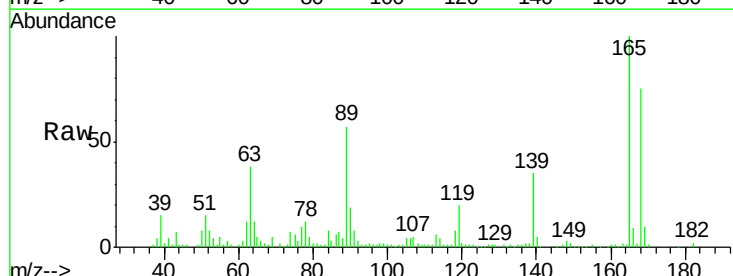
Ion Ratio Lower Upper

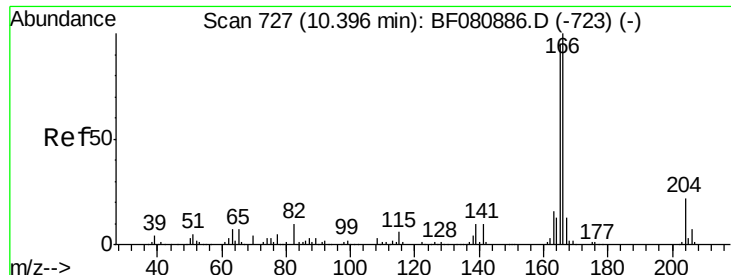
165 100

63 37.6 58.6 87.8#

89 57.0 80.7 121.1#

182 2.1 1.8 2.8

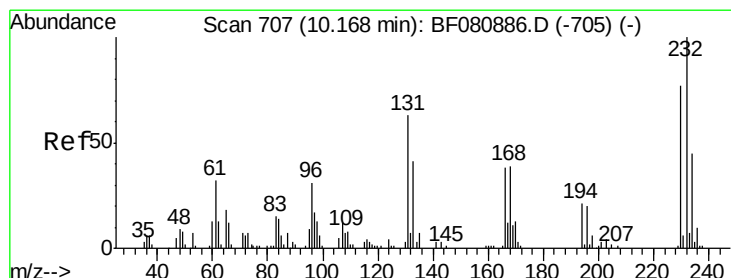
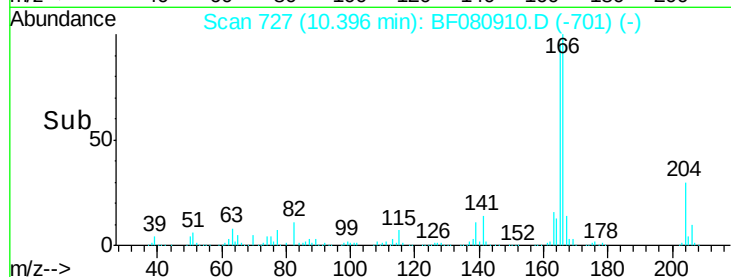
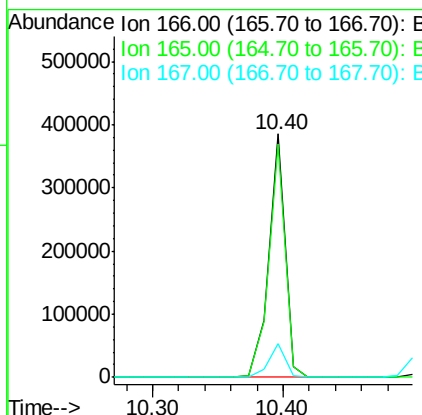
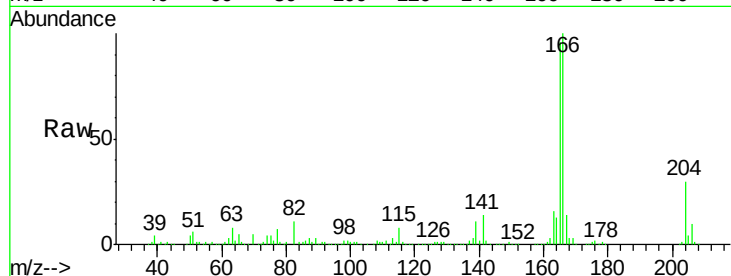




#57
 Fluorene
 Concen: 40.74 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

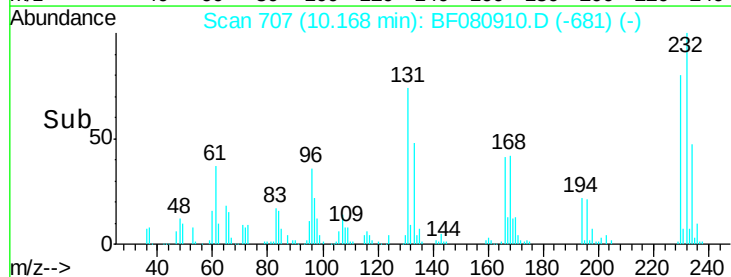
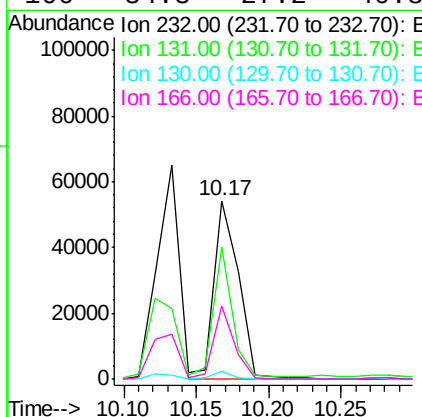
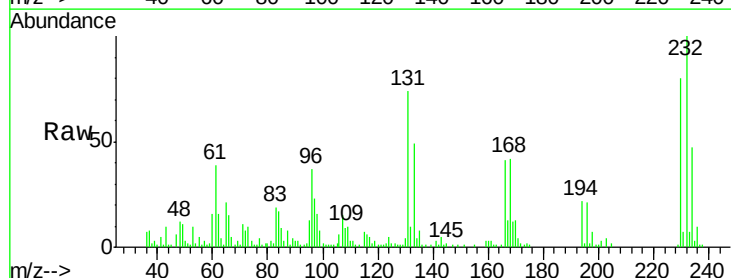
Instrument :
 BNA_F
 ClientSampled :

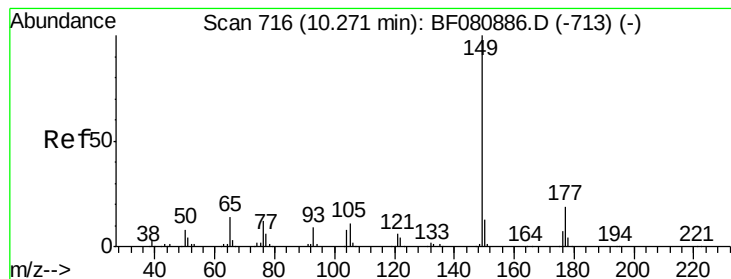
Tot Ion:166 Resp: 340805
 Ion Ratio Lower Upper
 166 100
 165 95.8 75.9 113.9
 167 13.9 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.05 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion:232 Resp: 63221
 Ion Ratio Lower Upper
 232 100
 131 55.6 44.9 67.3
 130 3.6 1.9 2.9#
 166 34.3 27.2 40.8





#59

Diethylphthalate

Concen: 40.25 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

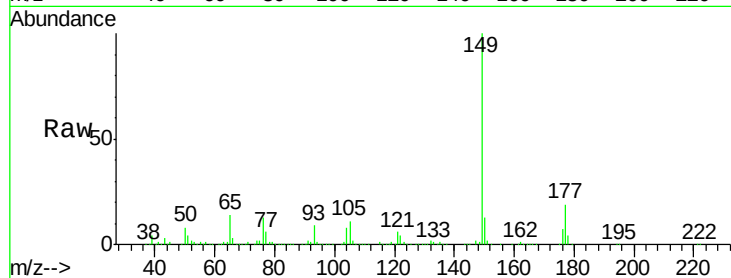
Tot Ion:149 Resp: 389935

Ion Ratio Lower Upper

149 100

177 18.5 14.9 22.3

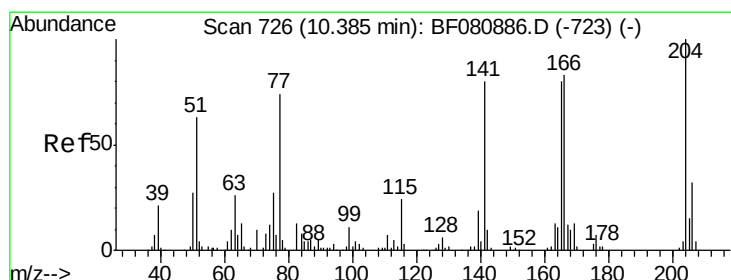
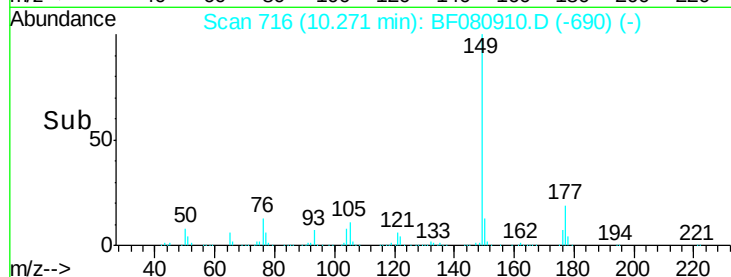
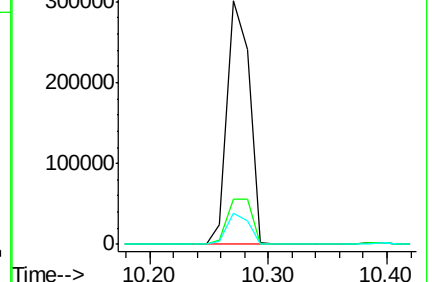
150 12.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.47 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

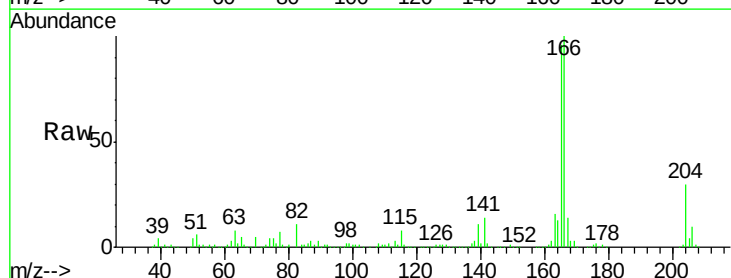
Tgt Ion:204 Resp: 150852

Ion Ratio Lower Upper

204 100

206 33.1 25.8 38.6

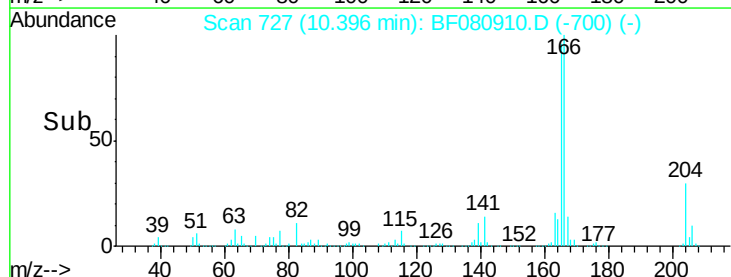
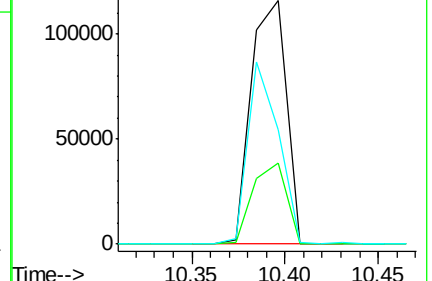
141 46.7 63.8 95.6#

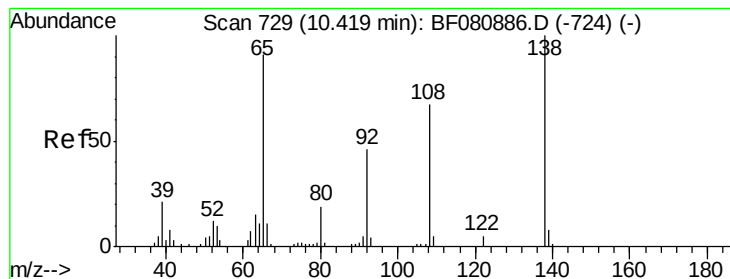


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.76 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

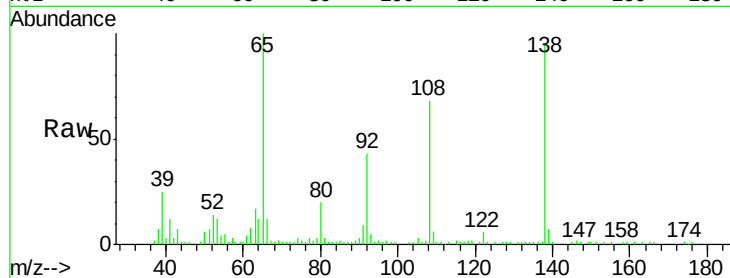
Tot Ion:138 Resp: 88895

Ion Ratio Lower Upper

138 100

92 45.5 25.6 65.6

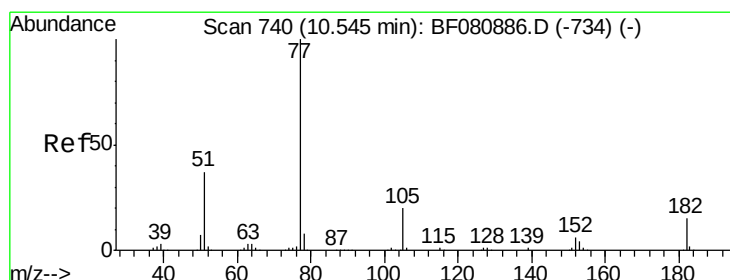
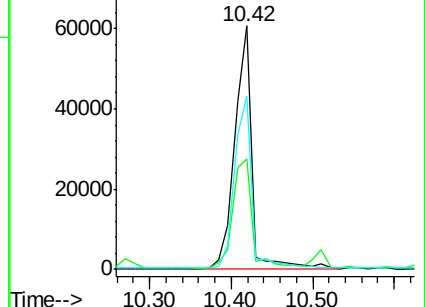
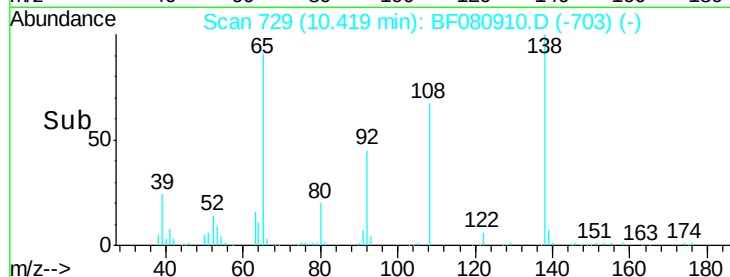
108 71.3 46.9 86.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.32 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Tgt Ion: 77 Resp: 428008

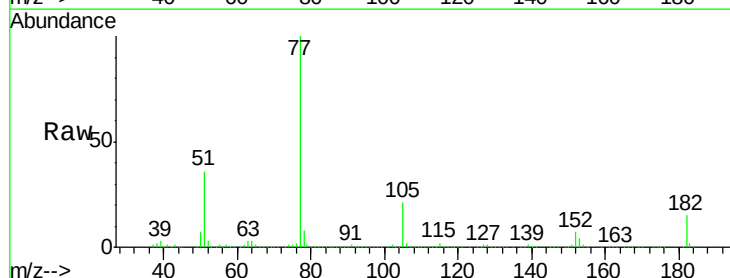
Ion Ratio Lower Upper

77 100

182 15.1 0.0 34.5

105 20.6 0.2 40.2

51 35.7 16.7 56.7

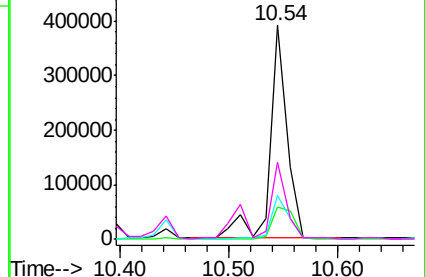
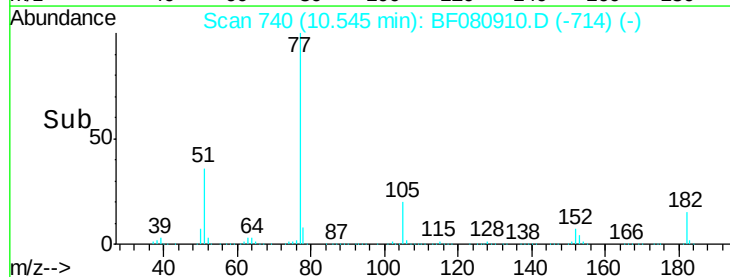


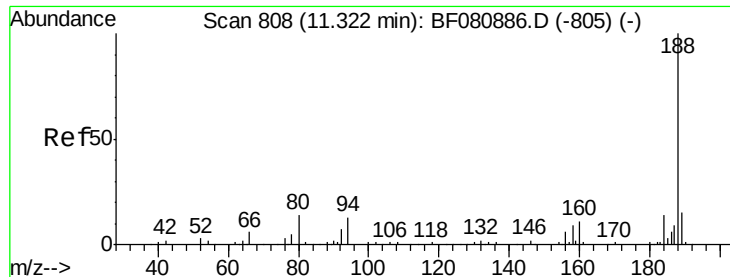
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

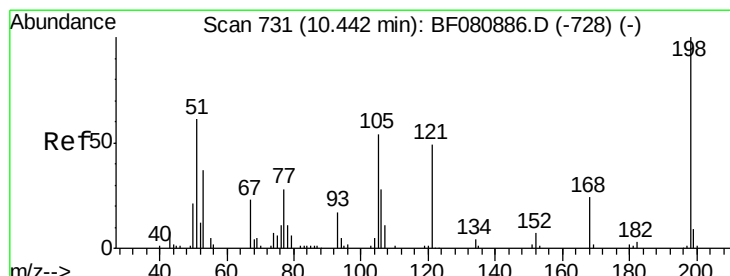
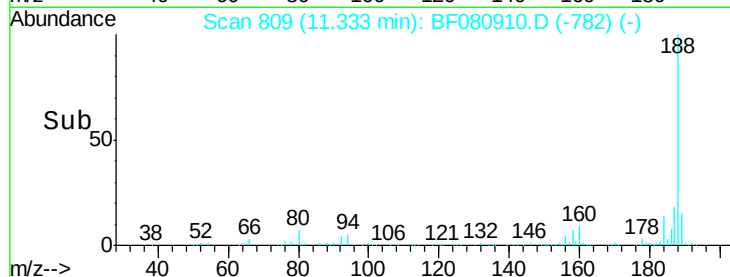
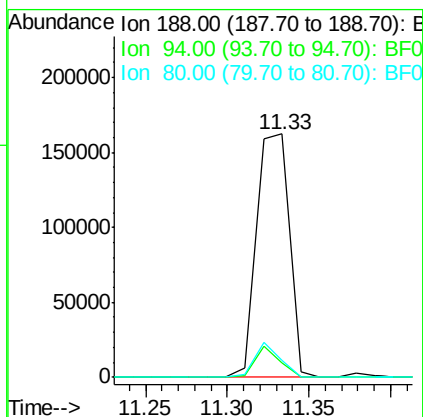
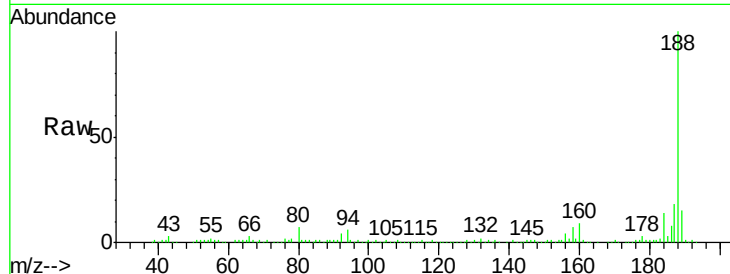




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

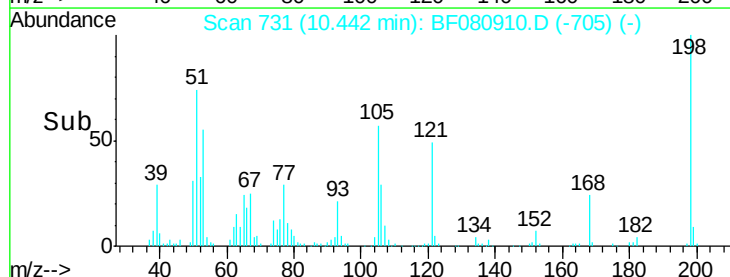
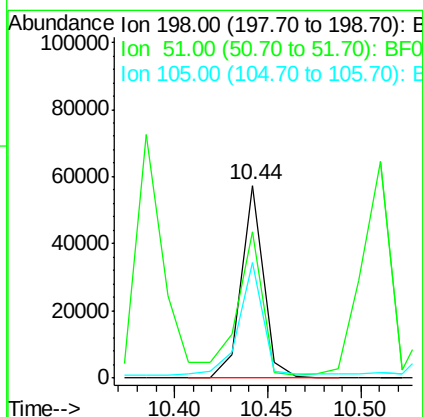
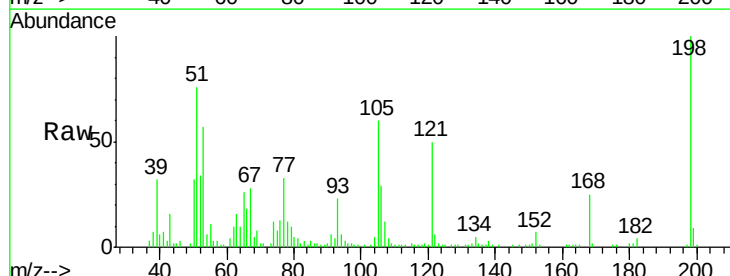
Instrument :
 BNA_F
 ClientSampleId :

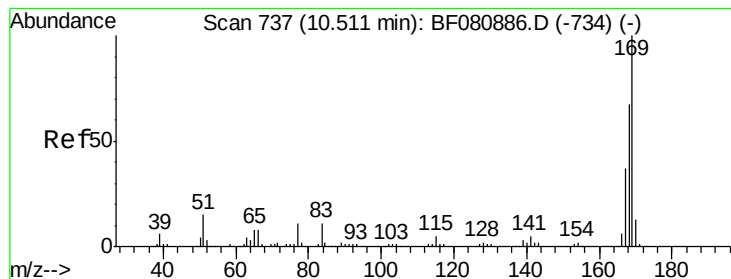
Tot Ion:188 Resp: 227828
 Ion Ratio Lower Upper
 188 100
 94 6.2 10.2 15.2#
 80 6.8 11.4 17.2#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.22 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion:198 Resp: 47829
 Ion Ratio Lower Upper
 198 100
 51 75.7 47.9 87.9
 105 59.7 35.0 75.0

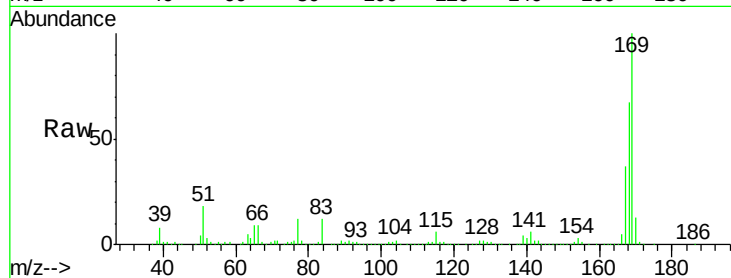




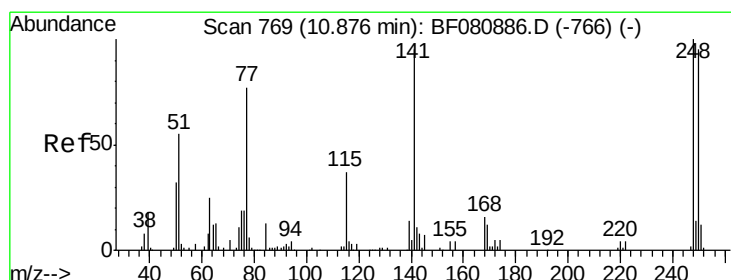
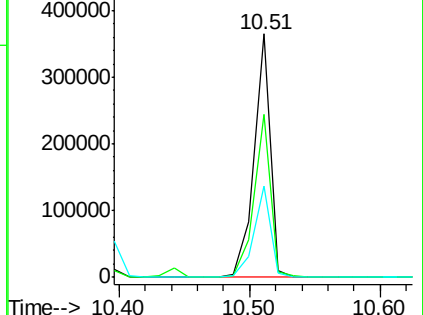
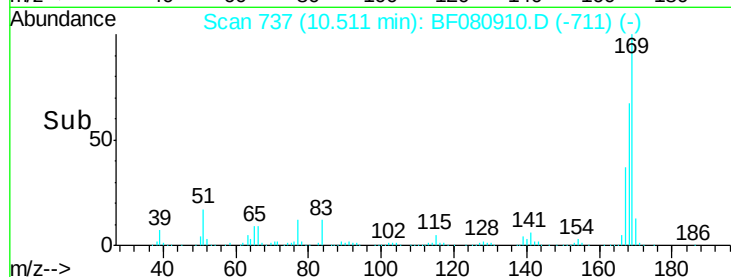
#65
n-Nitrosodiphenylamine
Concen: 39.33 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 319222
Ion Ratio Lower Upper
169 100
168 66.8 54.0 81.0
167 37.3 29.8 44.8

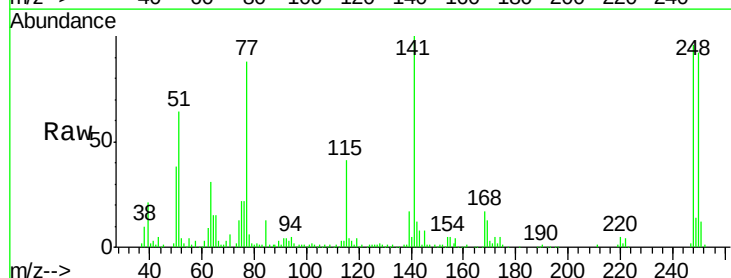


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

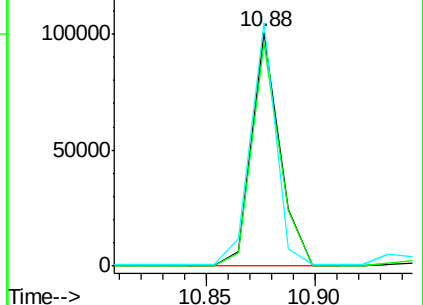
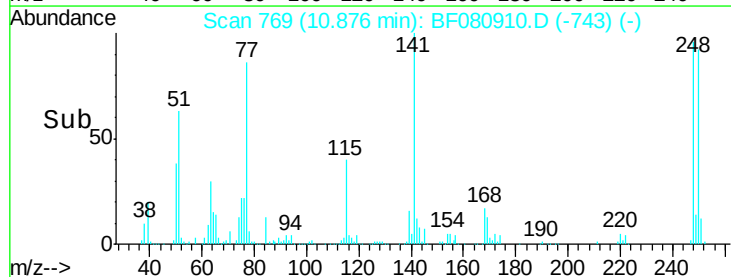


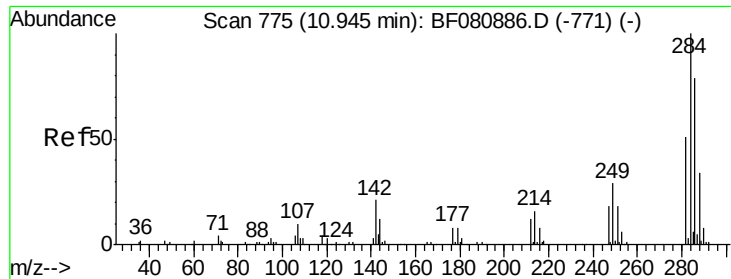
#66
4-Bromophenyl-phenylether
Concen: 36.39 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:248 Resp: 90102
Ion Ratio Lower Upper
248 100
250 95.4 75.9 113.9
141 104.1 75.8 113.6



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

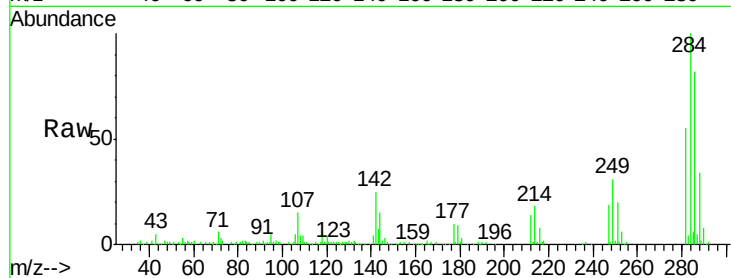




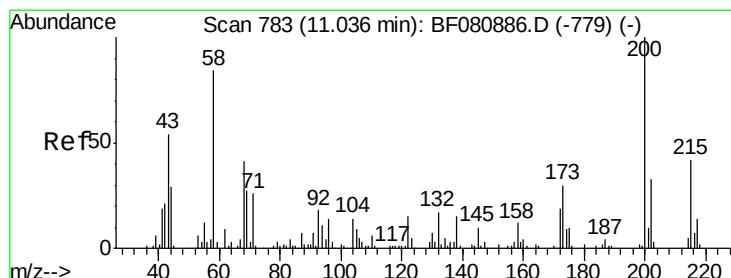
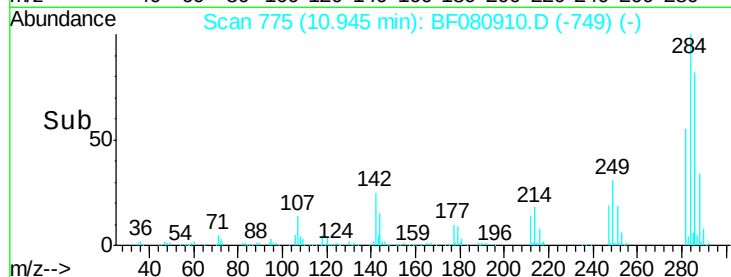
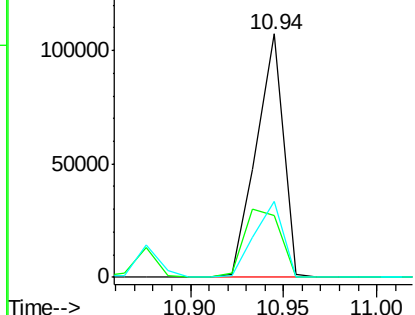
#67
Hexachlorobenzene
Concen: 40.28 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.3	16.4	24.6
249	31.3	23.1	34.7

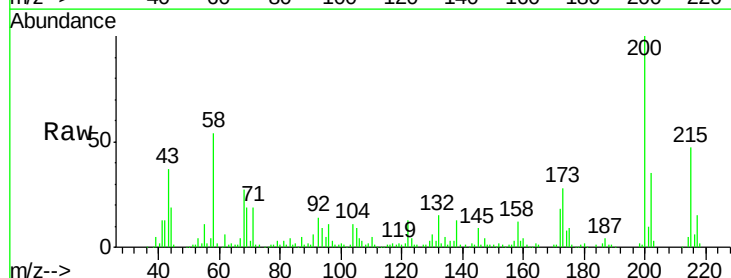


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

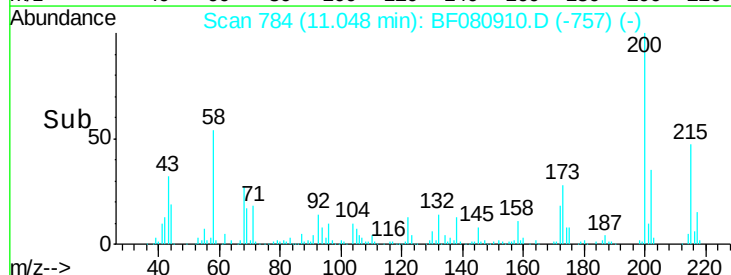
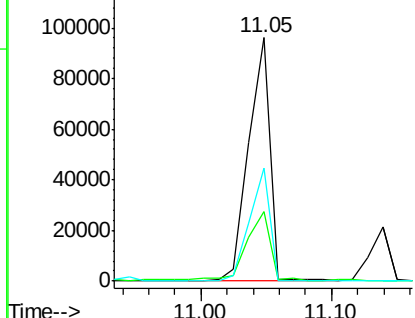


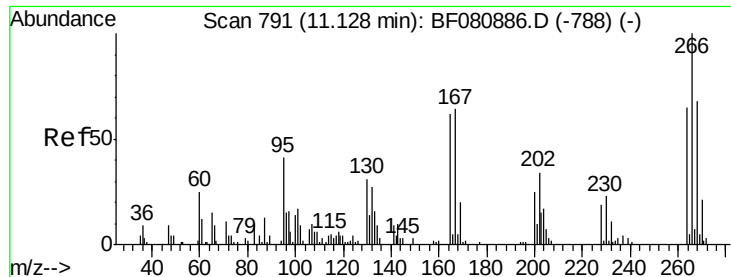
#68
Atrazine
Concen: 46.44 ng
RT: 11.05 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.3	10.0	50.0
215	46.6	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

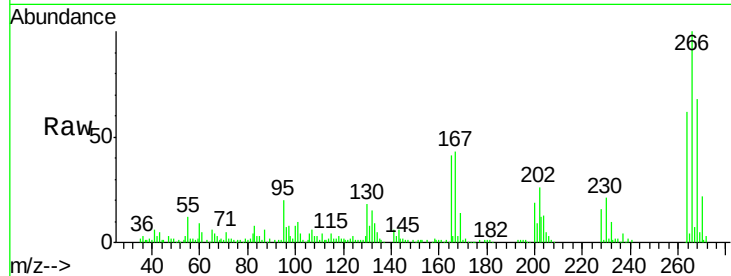




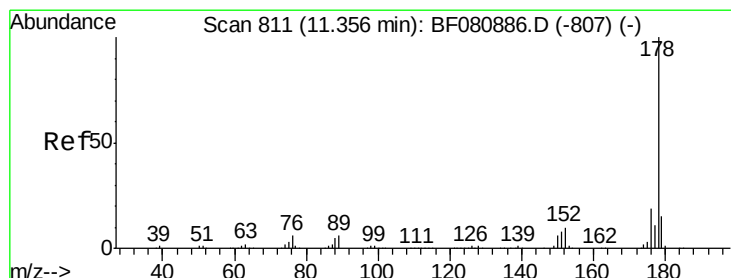
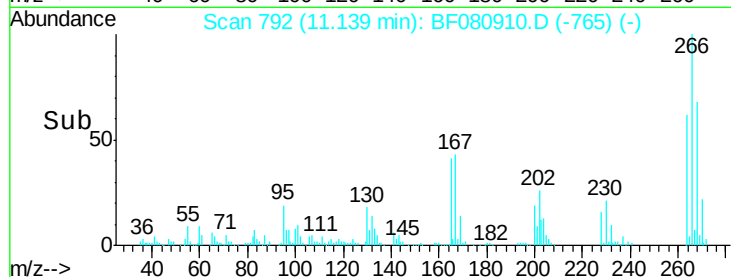
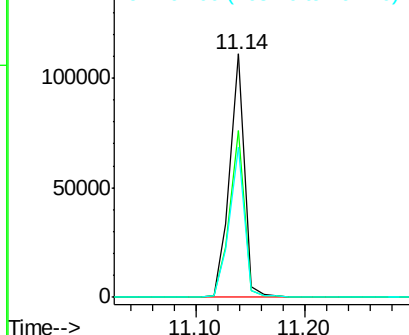
#69
 Pentachlorophenol
 Concen: 70.35 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.4	54.1	81.1
264	61.7	51.6	77.4

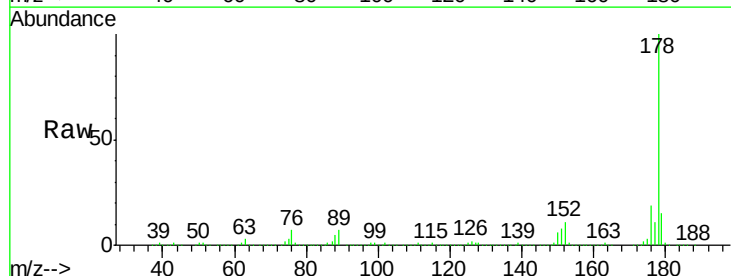


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

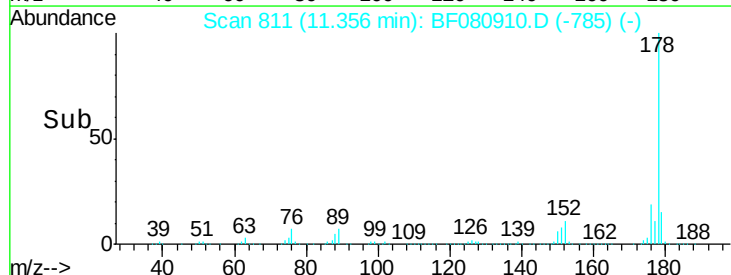
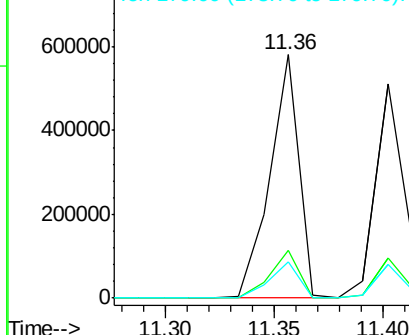


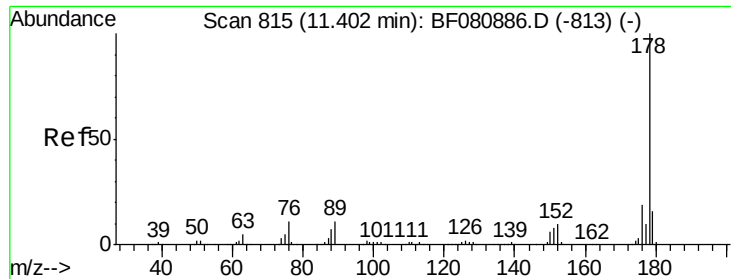
#70
 Phenanthrene
 Concen: 40.85 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.1	12.0	18.0



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





#71

Anthracene

Concen: 36.20 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

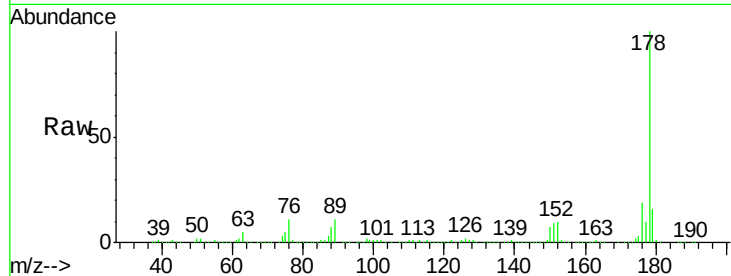
Tot Ion:178 Resp: 475028

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

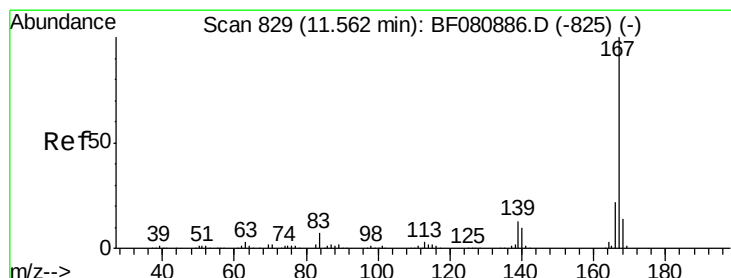
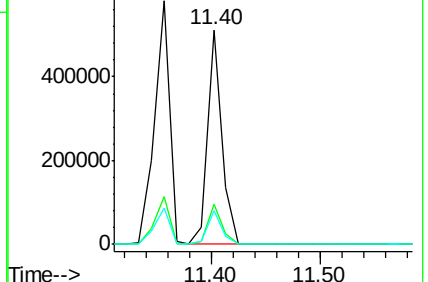
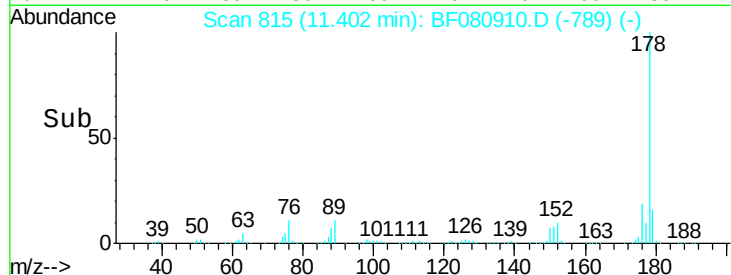
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.84 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

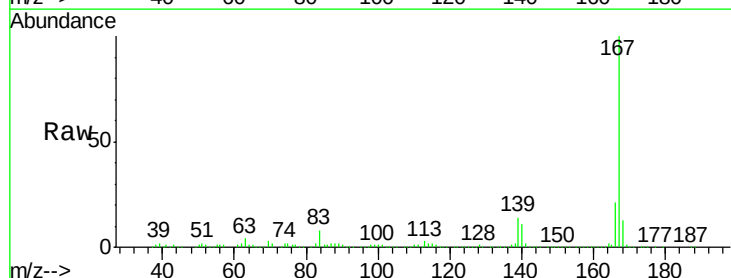
Tgt Ion:167 Resp: 528083

Ion Ratio Lower Upper

167 100

166 21.1 17.3 25.9

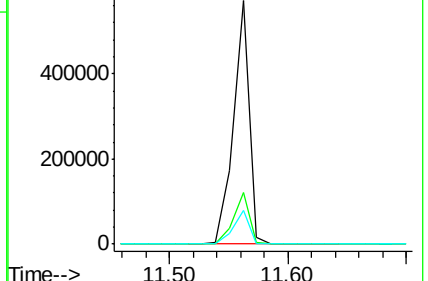
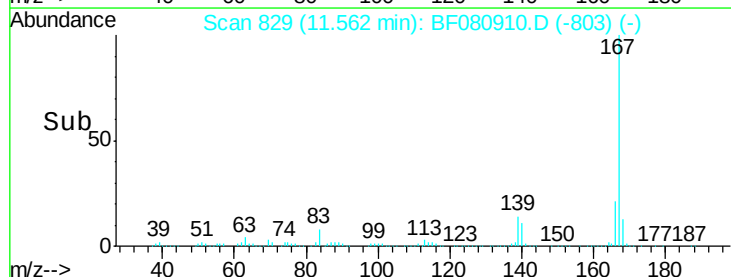
139 13.8 10.2 15.2

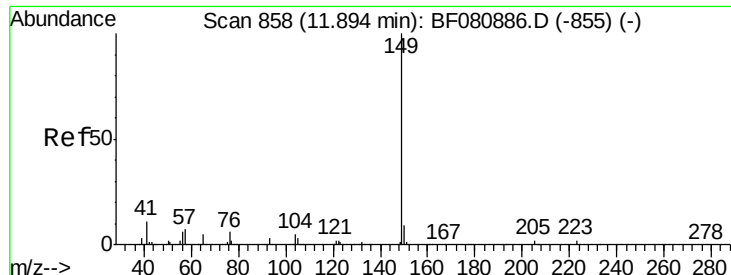


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

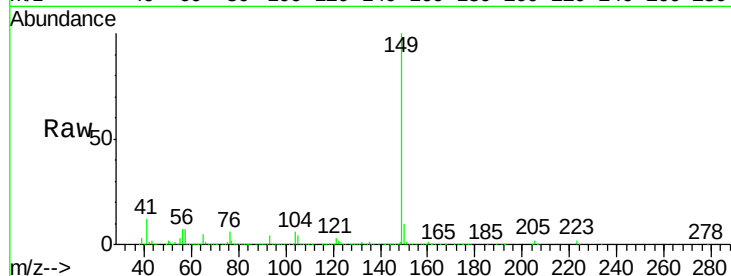
Tot Ion:149 Resp: 618410

Ion Ratio Lower Upper

149 100

150 9.7 7.6 11.4

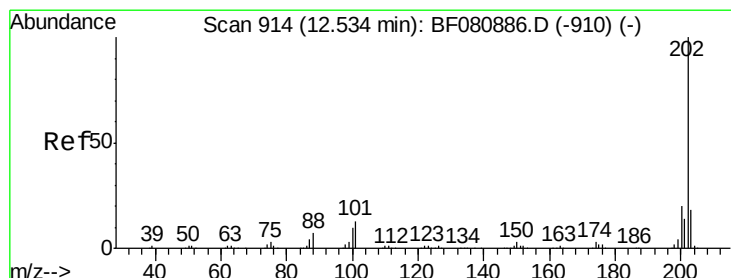
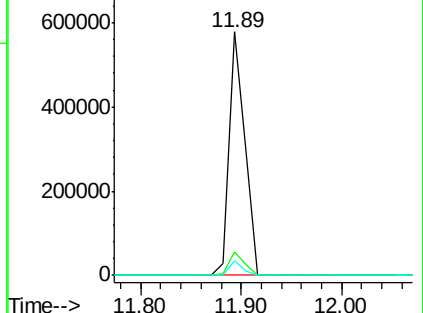
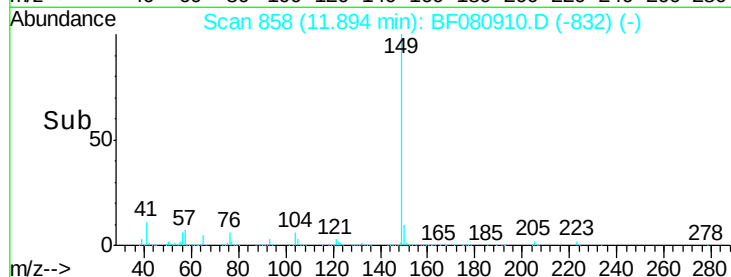
104 5.7 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.53 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

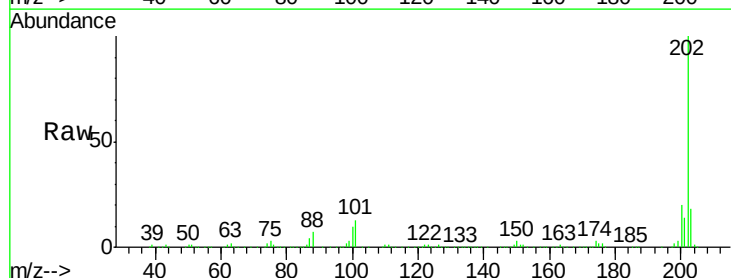
Tgt Ion:202 Resp: 517866

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.7

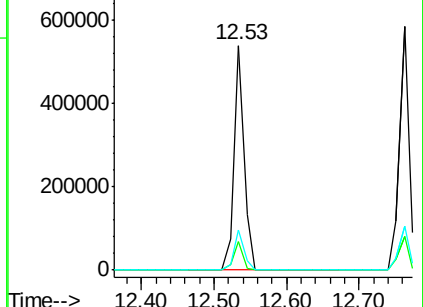
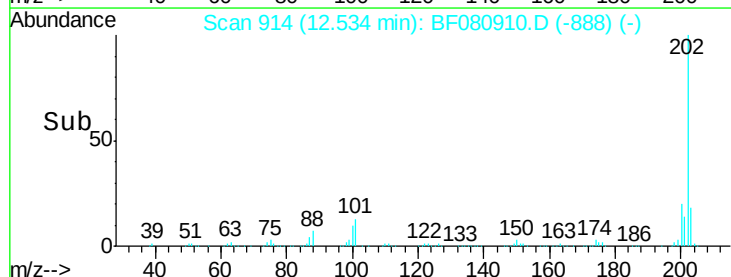
203 18.1 0.0 37.6

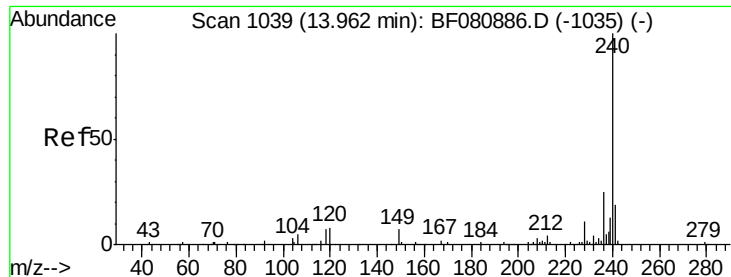


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampled :

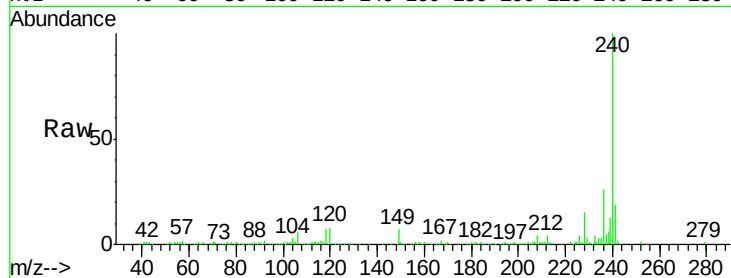
Tot Ion:240 Resp: 203135

Ion Ratio Lower Upper

240 100

120 8.0 6.4 9.6

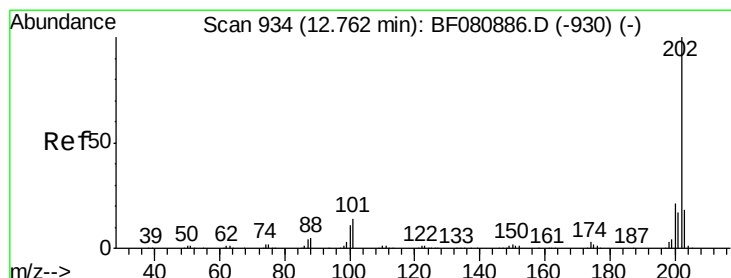
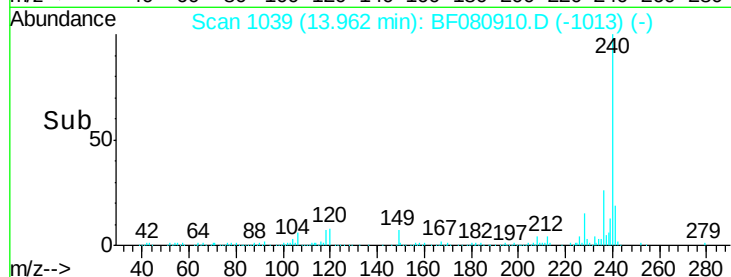
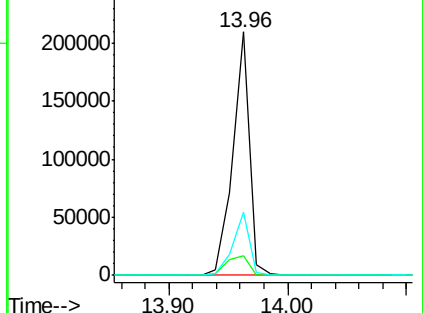
236 26.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.38 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

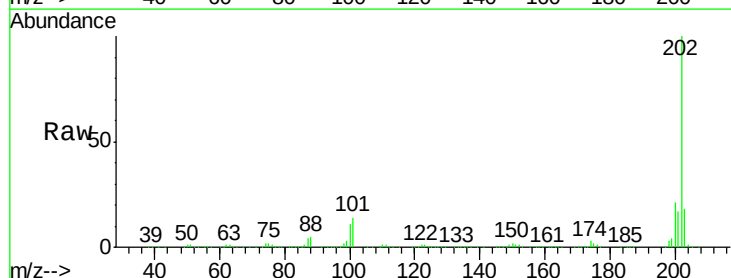
Tgt Ion:202 Resp: 549311

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

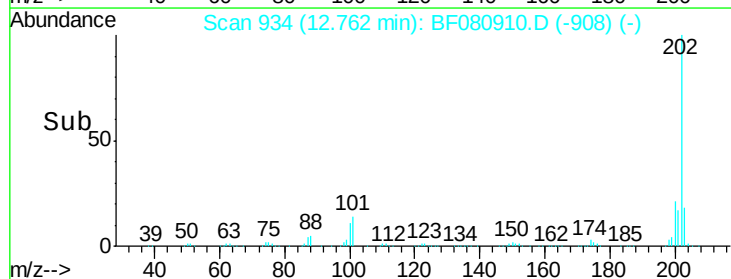
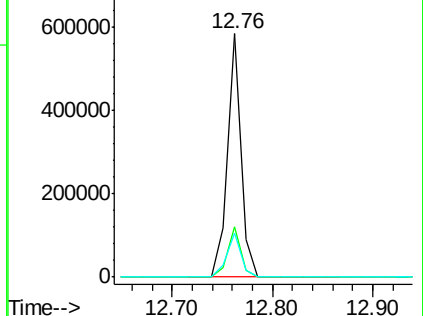
203 18.1 14.3 21.5

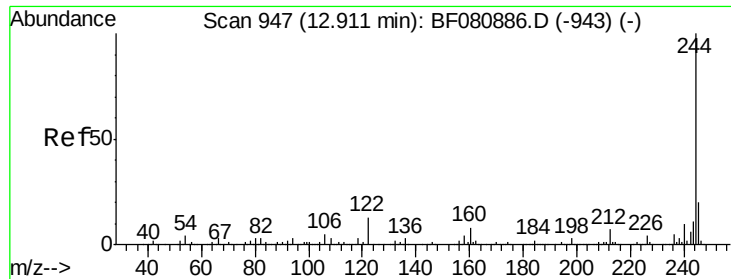


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

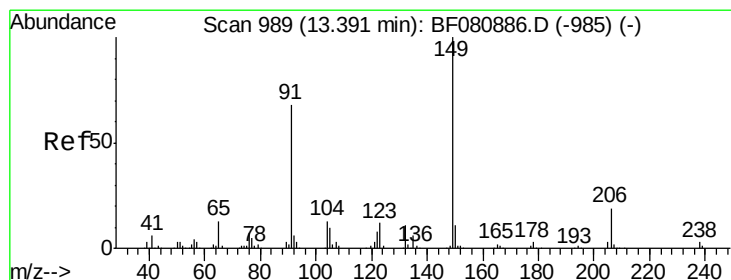
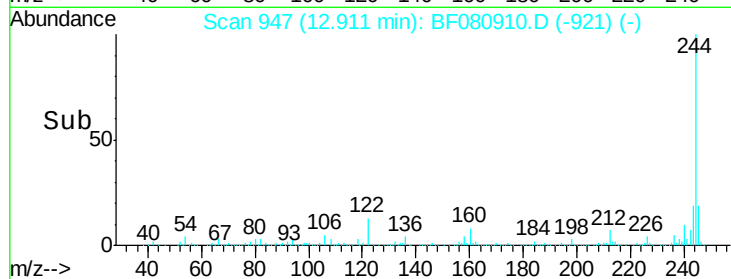
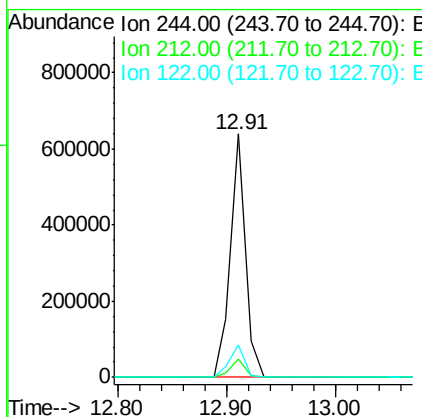
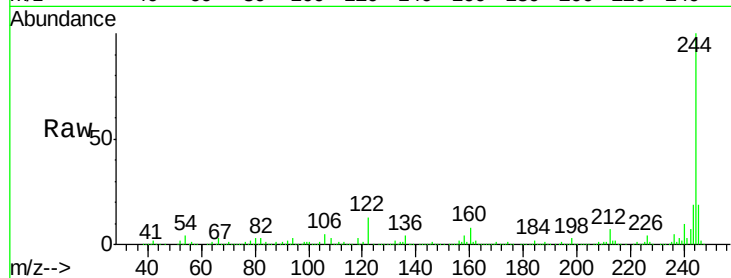




#78
 Terphenyl-d14
 Concen: 63.67 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

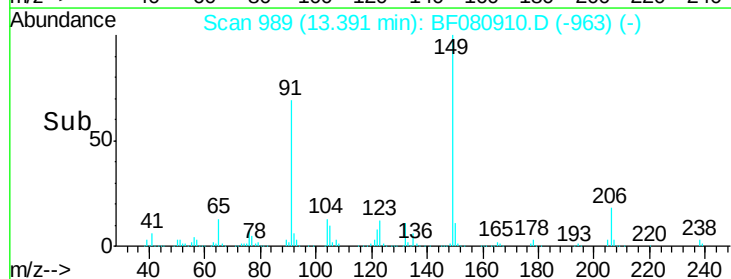
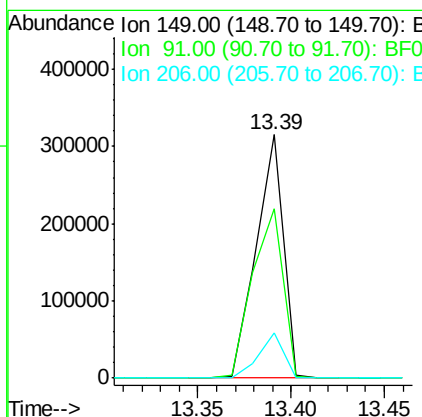
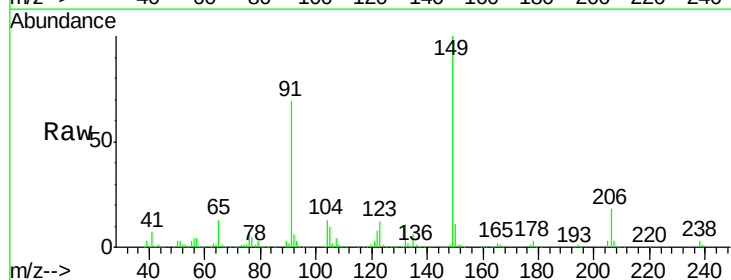
Instrument :
 BNA_F
 ClientSampleId :

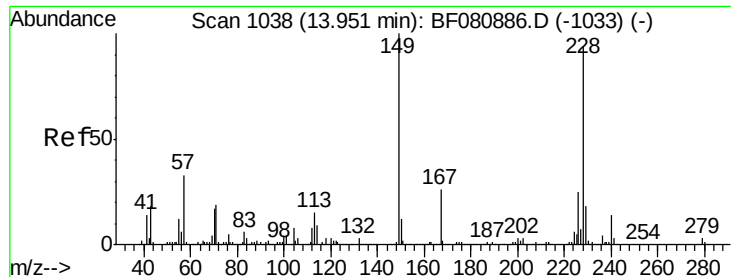
Tot Ion:244 Resp: 613457
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 13.1 10.6 16.0



#79
 Butylbenzylphthalate
 Concen: 43.95 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion:149 Resp: 317389
 Ion Ratio Lower Upper
 149 100
 91 69.5 54.0 81.0
 206 18.5 15.1 22.7

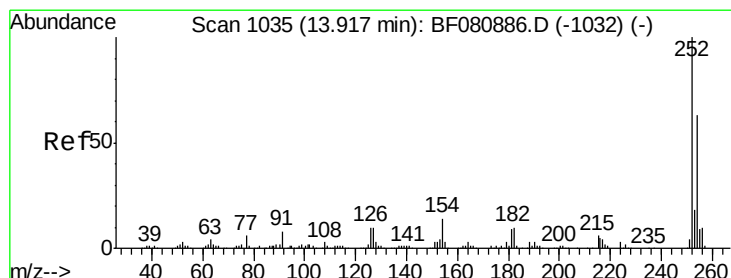
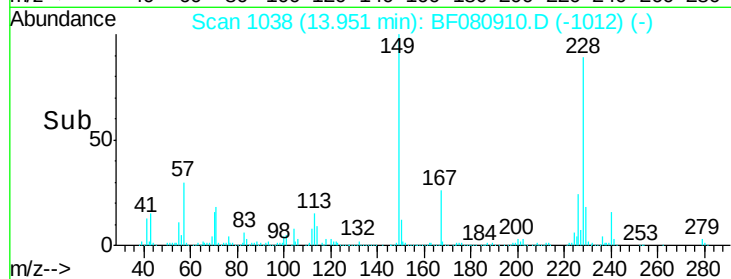
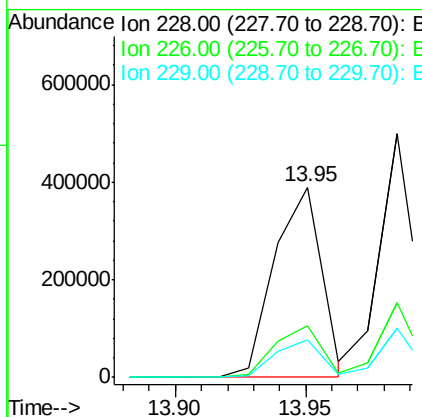
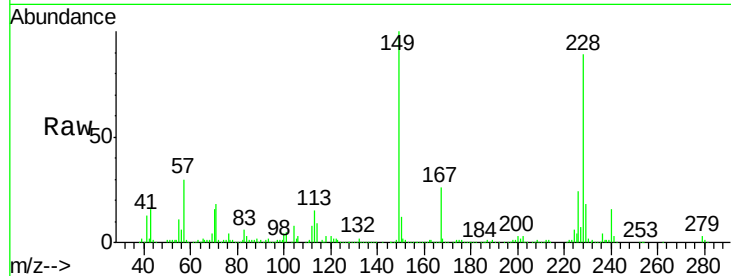




#80
Benzo(a)anthracene
Concen: 37.03 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

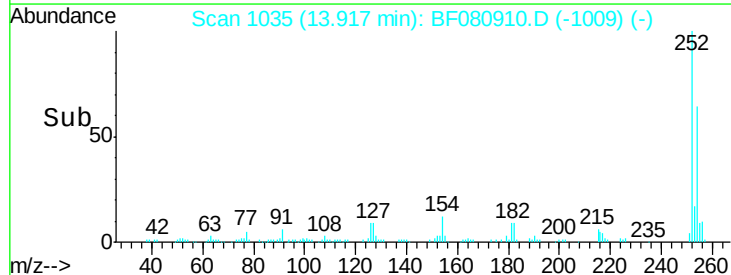
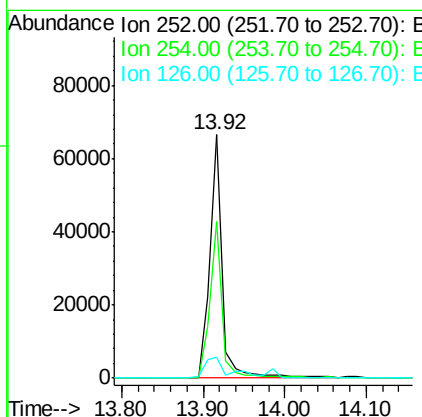
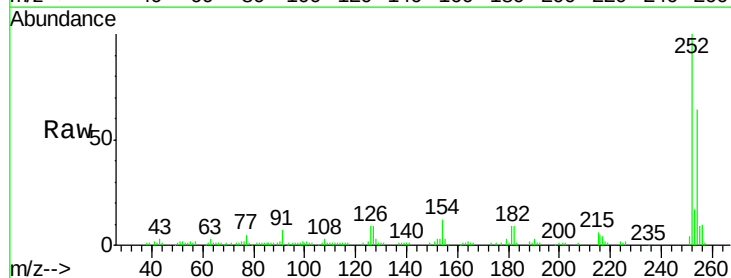
Instrument :
BNA_F
ClientSampleId :

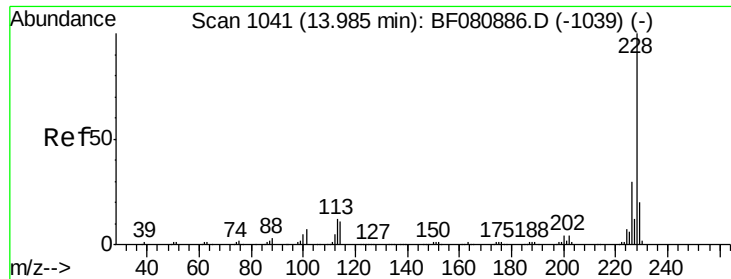
Tot Ion:228 Resp: 491417
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.8 14.9 22.3



#81
3,3'-Dichlorobenzidine
Concen: 14.52 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:252 Resp: 72144
Ion Ratio Lower Upper
252 100
254 64.1 50.0 75.0
126 8.7 8.1 12.1

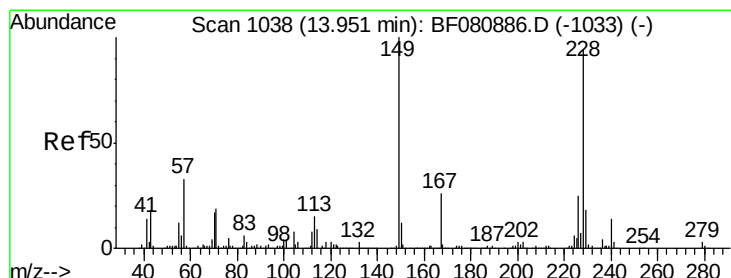
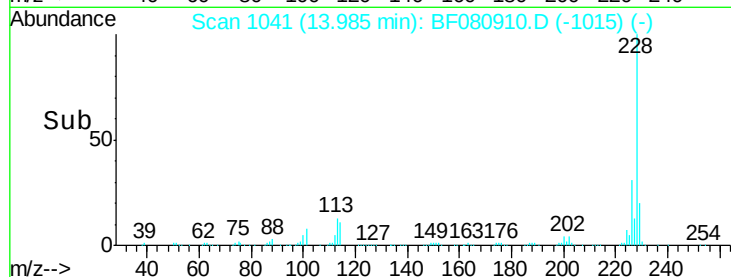
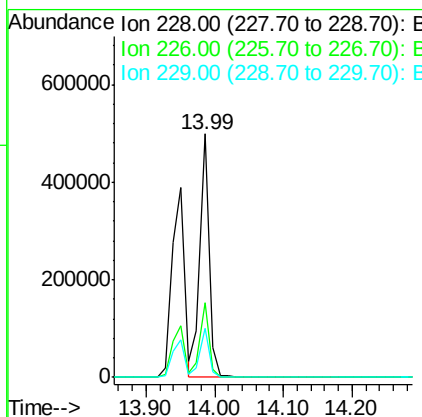
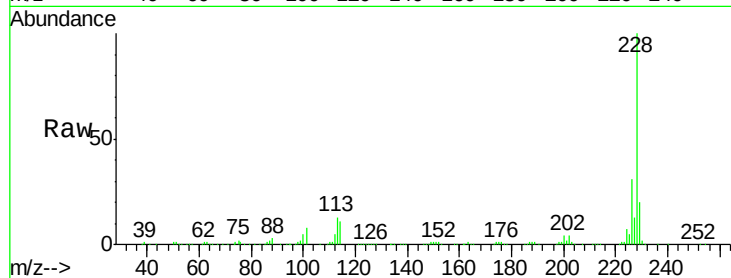




#82
 Chrysene
 Concen: 36.17 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

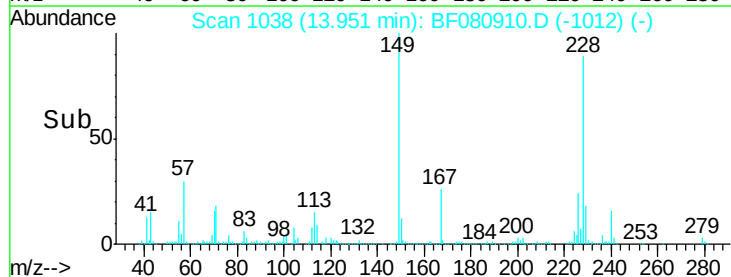
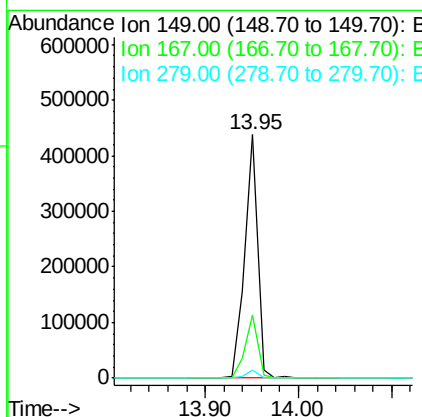
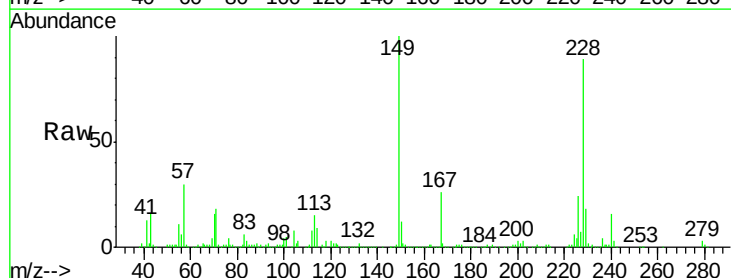
Instrument :
 BNA_F
 ClientSampleId :

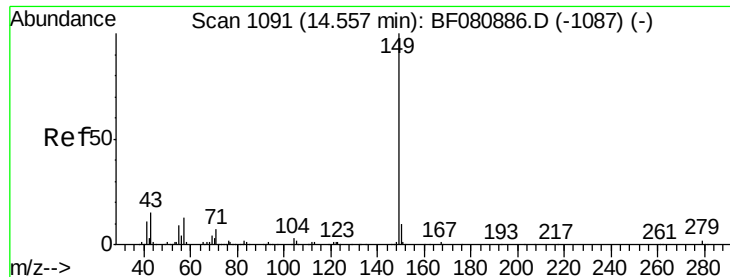
Tot Ion:228 Resp: 458843
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.2 36.2
 229 20.1 16.2 24.2



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.73 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080910.D
 Acq: 7 Aug 2015 3:12

Tgt Ion:149 Resp: 422851
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.6 31.0
 279 3.1 2.4 3.6





#84

Di-n-octyl phthalate

Concen: 40.97 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

Instrument :

BNA_F

ClientSampleId :

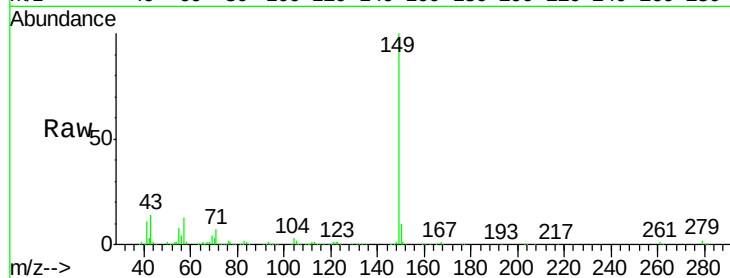
Tot Ion:149 Resp: 714676

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

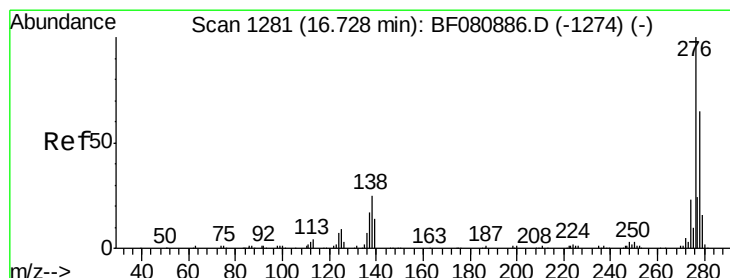
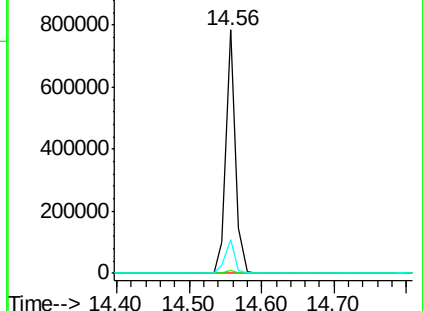
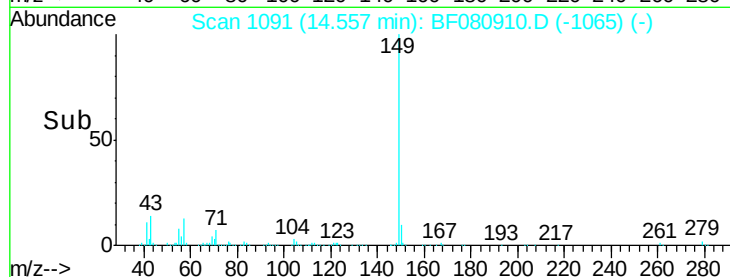
43 13.9 11.5 17.3



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: 38.10 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF080910.D

Acq: 7 Aug 2015 3:12

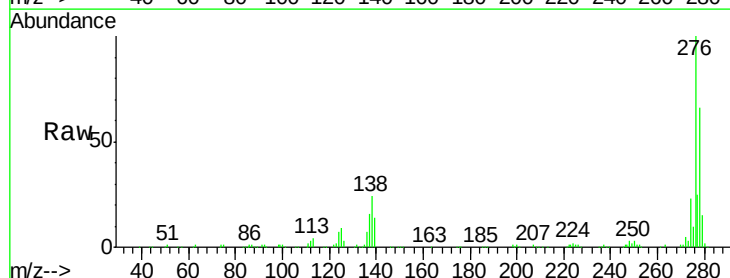
Tgt Ion:276 Resp: 470587

Ion Ratio Lower Upper

276 100

138 25.5 20.7 31.1

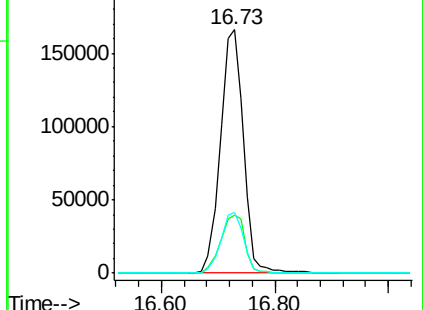
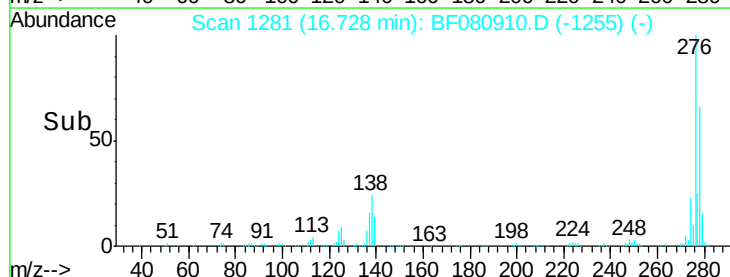
277 24.8 19.4 29.0

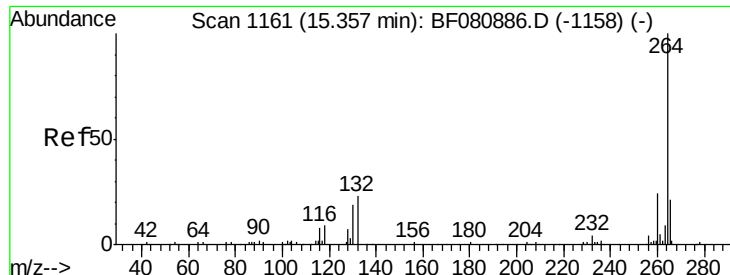


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



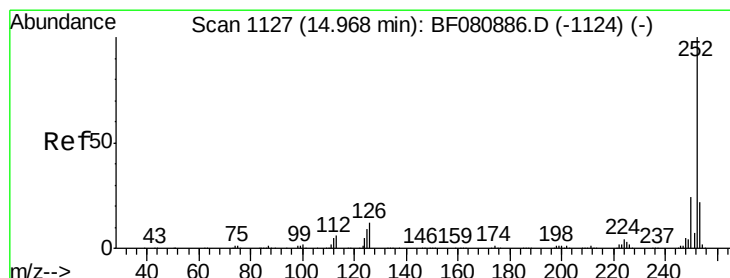
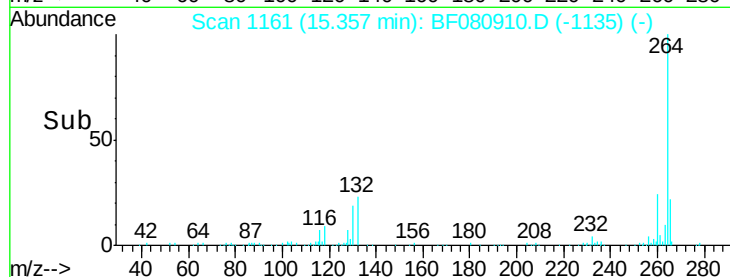
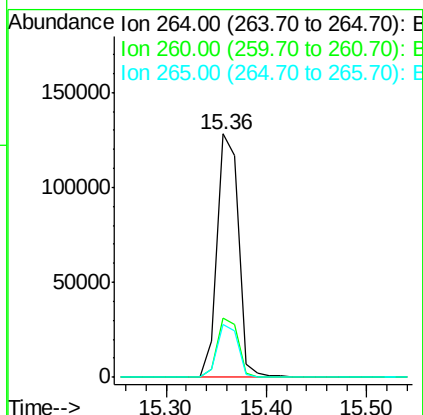
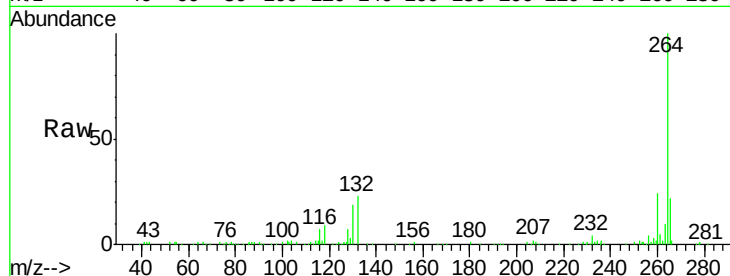


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 189787

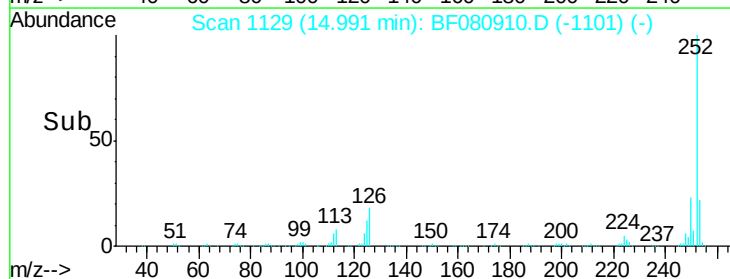
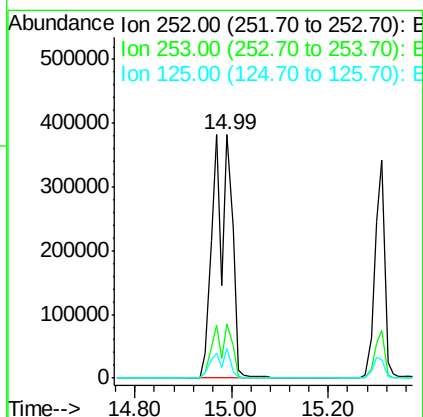
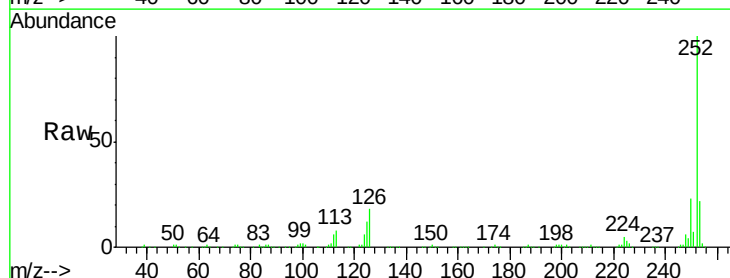
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.7	17.0	25.6

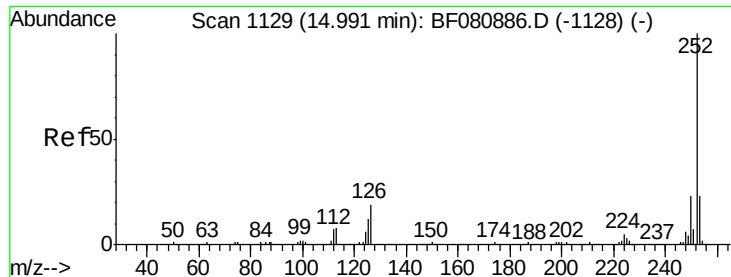


#87
Benzo(b)fluoranthene
Concen: 73.83 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:252 Resp: 984039

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	12.5	7.0	10.4

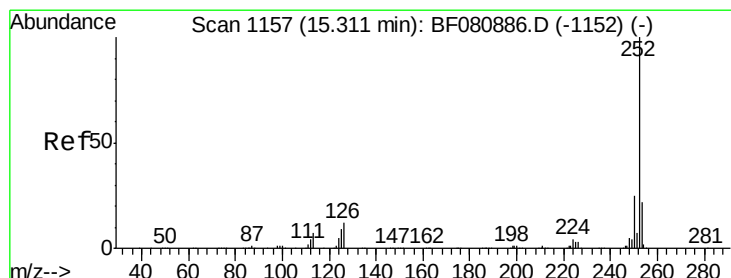
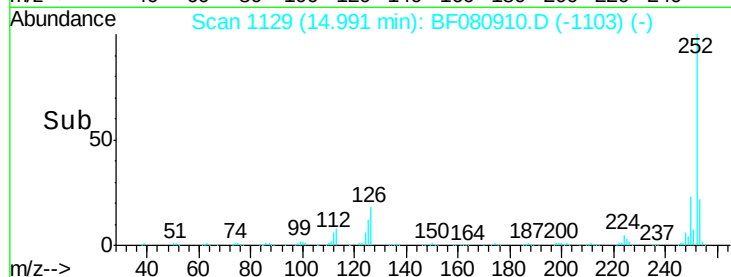
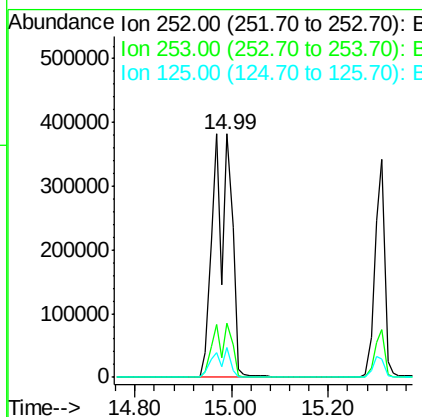
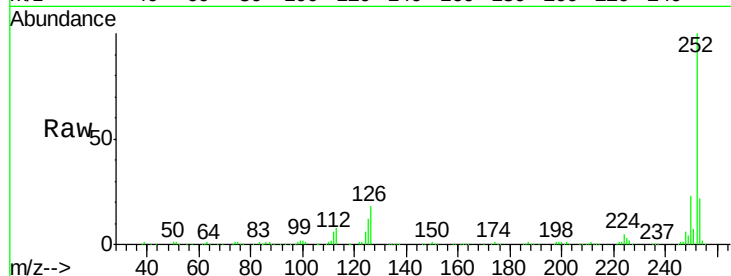




#88
Benzo(k)fluoranthene
Concen: 87.64 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

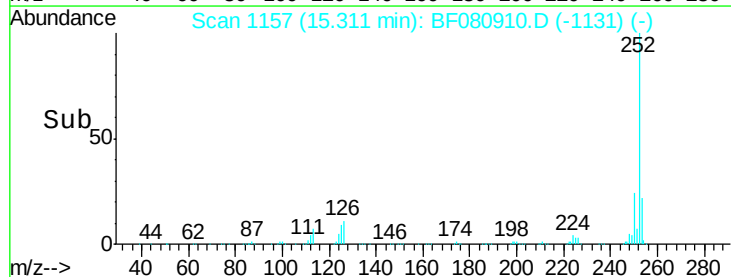
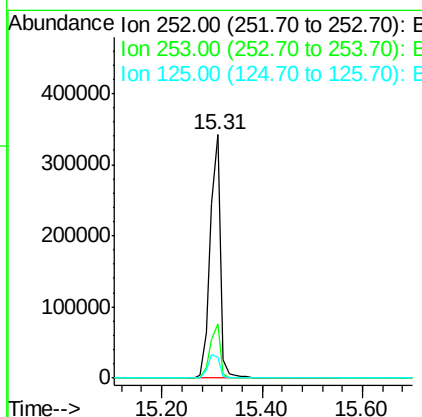
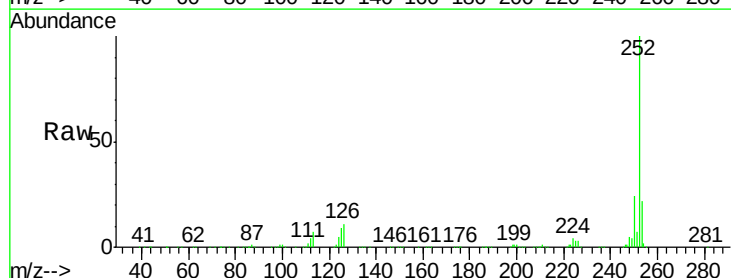
Instrument :
BNA_F
ClientSampleId :

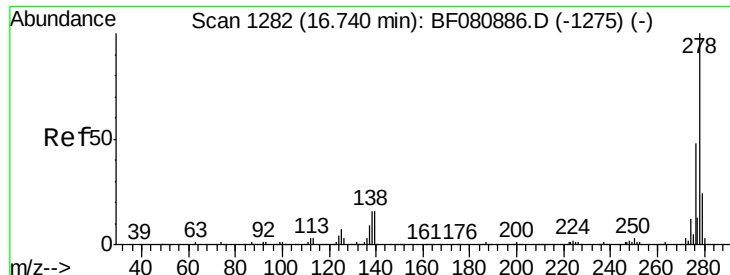
Tot Ion:252 Resp: 984039
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.5 9.8 14.8



#89
Benzo(a)pyrene
Concen: 42.04 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion:252 Resp: 482929
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.6 7.5 11.3

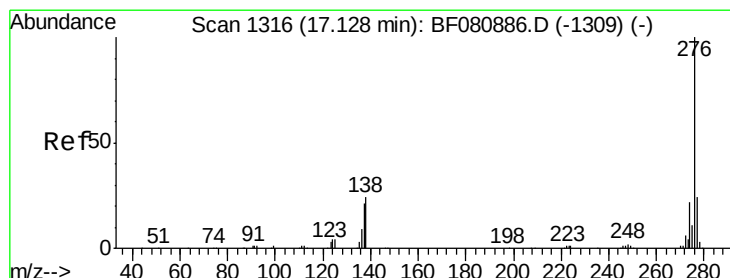
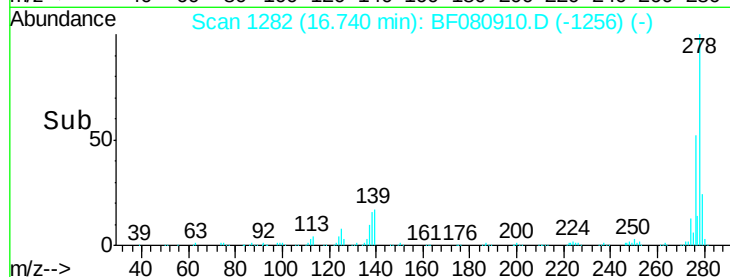
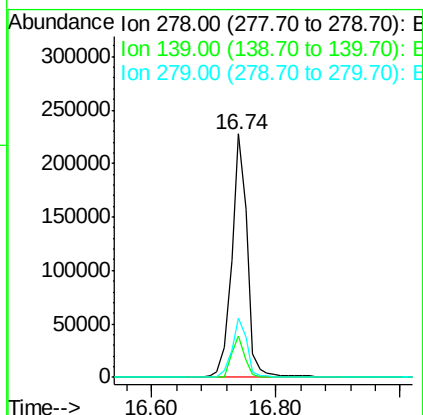
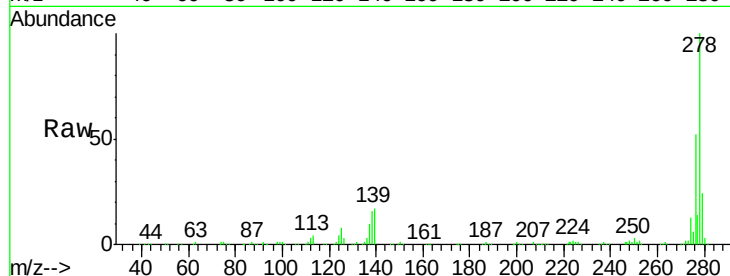




#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.2	19.8
279	24.4	19.1	28.7



#91
Benzo(g,h,i)perylene
Concen: 40.36 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF080910.D
Acq: 7 Aug 2015 3:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.3	28.9
138	19.4	19.1	28.7

