

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080913.D
 Acq On : 7 Aug 2015 4:44
 Operator : TP/UM
 Sample : PB84869BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:58:25 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	74658	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	290524	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154466	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	303749	20.00	ng	0.00
75) Chrysene-d12	13.95	240	272221	20.00	ng	-0.01
86) Perylene-d12	15.36	264	223558	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	48383	10.33	ng	0.00
7) Phenol-d6	6.43	99	65296	10.13	ng	-0.01
23) Nitrobenzene-d5	7.37	82	41779	6.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	15976	9.63	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	71873	6.63	ng	-0.01
78) Terphenyl-d14	12.90	244	86576	6.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	7018	3.09	ng	96
3) Pyridine	3.14	79	14438	2.26	ng	87
4) n-Nitrosodimethylamine	3.01	42	8601	2.61	ng	# 92
6) Aniline	6.46	93	20015	2.09	ng	89
8) 2-Chlorophenol	6.58	128	16814	3.16	ng	91
10) Phenol	6.44	94	24815	3.21	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	16969	3.10	ng	98
12) 1,3-Dichlorobenzene	6.98	146	17932	3.11	ng	93
13) 1,4-Dichlorobenzene	6.98	146	17932	3.05	ng	95
14) 1,2-Dichlorobenzene	6.98	146	17932	3.33	ng	91
15) Benzyl Alcohol	6.94	79	15480	3.03	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	38870	3.46	ng	98
17) 2-Methylphenol	7.06	107	15260	3.20	ng	98
18) Hexachloroethane	7.32	117	7322	3.28	ng	# 88
19) n-Nitroso-di-n-propylamine	7.22	70	13384	2.92	ng	# 85
20) 3+4-Methylphenols	7.21	107	19092	3.30	ng	98
22) Acetophenone	7.22	105	23617	3.25	ng	# 78
24) Nitrobenzene	7.38	77	18858	3.00	ng	96
25) Isophorone	7.63	82	36315	3.07	ng	99
26) 2-Nitrophenol	7.71	139	8188	3.10	ng	# 79
27) 2,4-Dimethylphenol	7.74	122	17237	3.41	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	22677	3.24	ng	# 92
29) 2,4-Dichlorophenol	7.95	162	13391	3.32	ng	87
30) 1,2,4-Trichlorobenzene	8.03	180	14220	3.18	ng	95
31) Naphthalene	8.11	128	53562	3.40	ng	99
33) 4-Chloroaniline	8.17	127	15447	2.37	ng	# 89
34) Hexachlorobutadiene	8.24	225	8717	3.42	ng	97
35) Caprolactam	8.49	113	3849	2.56	ng	# 87
36) 4-Chloro-3-methylphenol	8.64	107	16335	3.36	ng	98
37) 2-Methylnaphthalene	8.81	142	36333	3.74	ng	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	13930	2.96	ng	# 97
40) Hexachlorocyclopentadiene	8.96	237	14368	5.32	ng	96
42) 2,4,6-Trichlorophenol	9.08	196	10956	3.16	ng	99
43) 2,4,5-Trichlorophenol	9.12	196	9918	2.82	ng	# 91

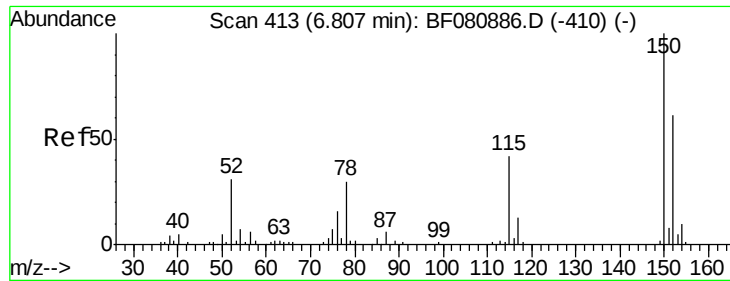
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080913.D
 Acq On : 7 Aug 2015 4:44
 Operator : TP/UM
 Sample : PB84869BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 05:58:25 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)
45) 1,1'-Biphenyl	9.26	154	41518	3.18	nq	97
46) 2-Chloronaphthalene	9.29	162	31773	3.11	nq	96
47) 2-Nitroaniline	9.38	65	11049	2.66	nq	90
48) Acenaphthylene	9.70	152	53823	3.00	nq	99
49) Dimethylphthalate	9.56	163	38446	3.13	nq	99
50) 2,6-Dinitrotoluene	9.63	165	7311	2.78	nq	# 47
51) Acenaphthene	9.87	154	35028	3.22	nq	99
52) 3-Nitroaniline	9.79	138	8689	2.67	nq	92
53) 2,4-Dinitrophenol	9.89	184	5492	3.81	nq	# 76
54) Dibenzofuran	10.04	168	46892	3.18	nq	96
55) 4-Nitrophenol	9.95	139	13538	5.52	nq	96
56) 2,4-Dinitrotoluene	10.02	165	9985	2.82	nq	# 94
57) Fluorene	10.38	166	38042	3.30	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	8341	2.97	nq	# 93
59) Diethylphthalate	10.27	149	39974	2.99	nq	# 93
60) 4-Chlorophenyl-phenylether	10.38	204	18606	3.44	nq	90
61) 4-Nitroaniline	10.40	138	9299	2.79	nq	94
62) Azobenzene	10.54	77	45809	3.13	nq	85
64) 4,6-Dinitro-2-methylphenol	10.43	198	4802	2.43	nq	80
65) n-Nitrosodiphenylamine	10.50	169	36093	3.34	nq	98
66) 4-Bromophenyl-phenylether	10.88	248	10396	3.15	nq	# 79
67) Hexachlorobenzene	10.93	284	11825	3.31	nq	# 79
68) Atrazine	11.02	200	10959	3.51	nq	96
69) Pentachlorophenol	11.13	266	11201	5.60	nq	98
70) Phenanthrene	11.34	178	61874	3.48	nq	99
71) Anthracene	11.39	178	56835	3.25	nq	99
72) Carbazole	11.55	167	60113	3.40	nq	99
73) Di-n-butylphthalate	11.89	149	71968	3.34	nq	98
74) Fluoranthene	12.52	202	61905	3.19	nq	97
76) Benzidine	12.65	184	34206	3.08	nq	99
77) Pyrene	12.75	202	65688	3.25	nq	99
79) Butylbenzylphthalate	13.38	149	29196	3.02	nq	# 77
80) Benzo(a)anthracene	13.94	228	61073	3.43	nq	98
81) 3,3'-Dichlorobenzidine	13.91	252	17050	2.56	nq	97
82) Chrysene	13.97	228	54587	3.21	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	41868	3.16	nq	# 97
84) Di-n-octyl phthalate	14.56	149	72085	3.08	nq	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	43924	2.65	nq	100
87) Benzo(b)fluoranthene	14.98	252	103385	6.58	nq	98
88) Benzo(k)fluoranthene	14.98	252	103385	7.82	nq	96
89) Benzo(a)pyrene	15.29	252	47631	3.52	nq	# 96
90) Dibenzo(a,h)anthracene	16.72	278	37257	3.19	nq	99
91) Benzo(g,h,i)perylene	17.11	276	36383	3.22	nq	95

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

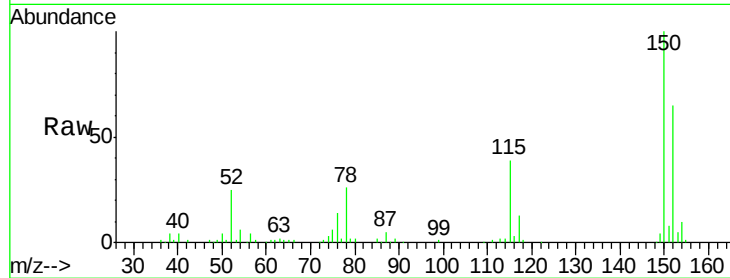


#1

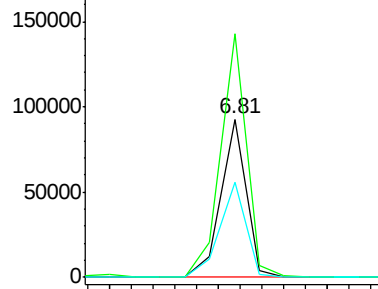
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

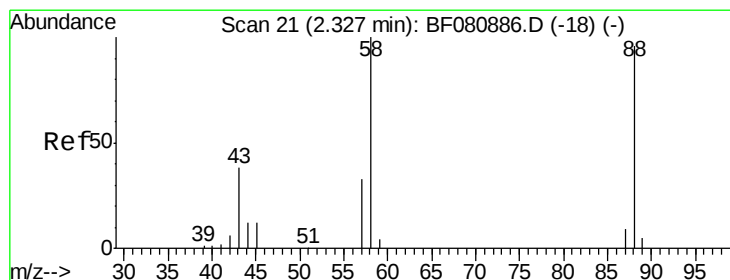
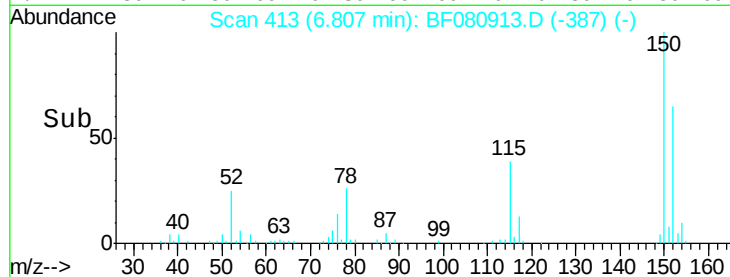
Tot Ion:152 Resp: 74658
Ion Ratio Lower Upper
152 100
150 154.0 132.2 198.2
115 60.2 54.9 82.3



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



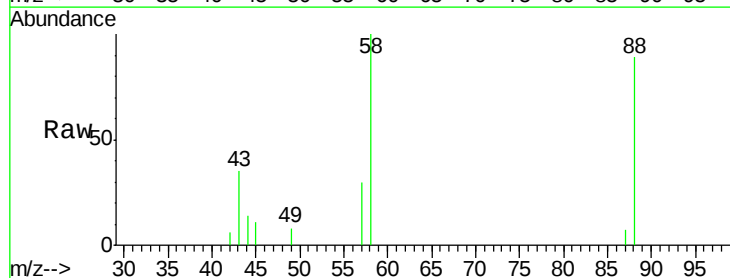
Time-->



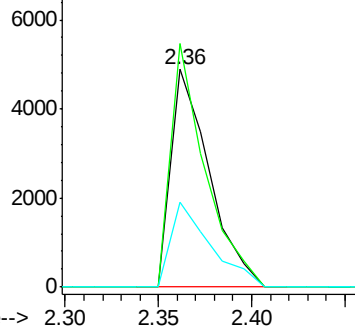
#2

1,4-Dioxane
Concen: 3.09 ng
RT: 2.36 min Scan# 24
Delta R.T. 0.03 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

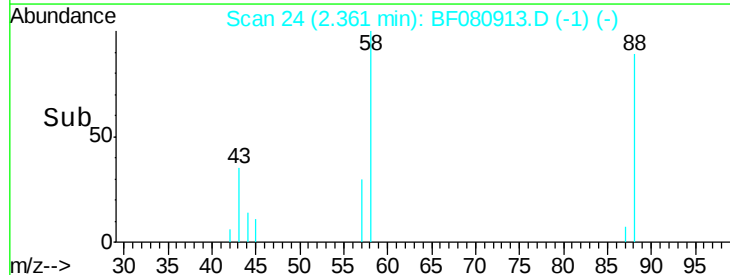
Tgt Ion: 88 Resp: 7018
Ion Ratio Lower Upper
88 100
58 100.9 78.2 117.4
43 40.5 29.1 43.7

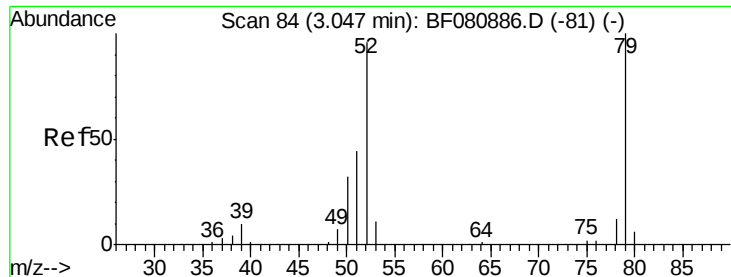


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->

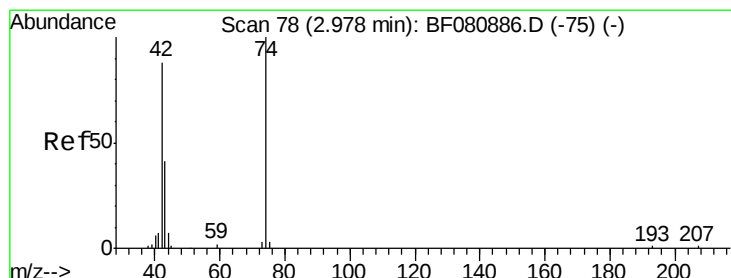
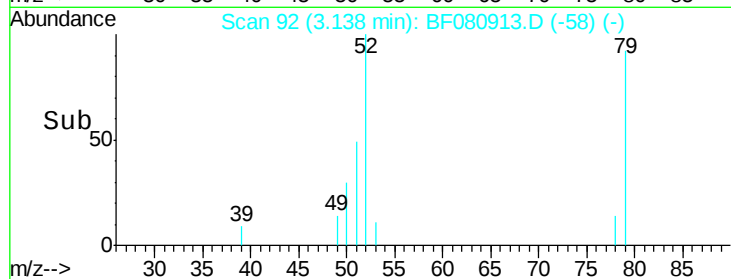
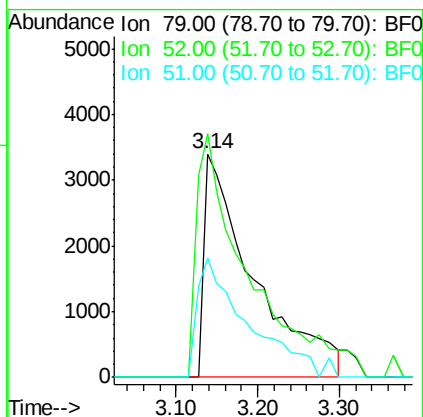
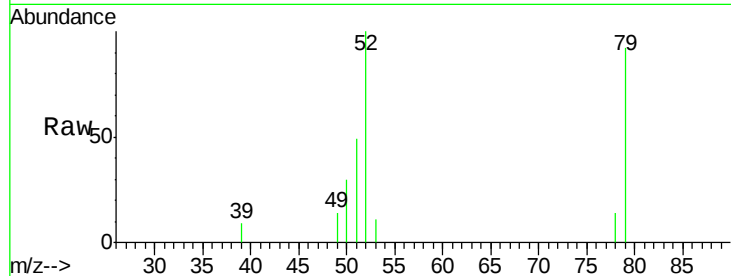




#3
 Pvridine
 Concen: 2.26 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.09 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

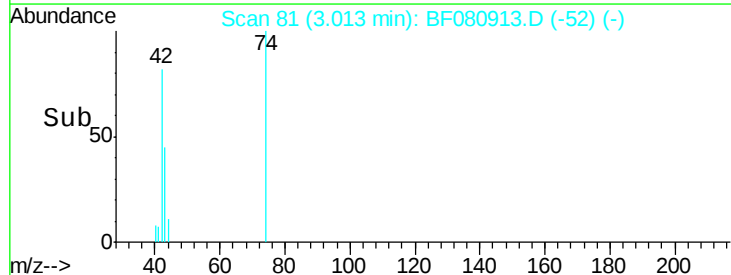
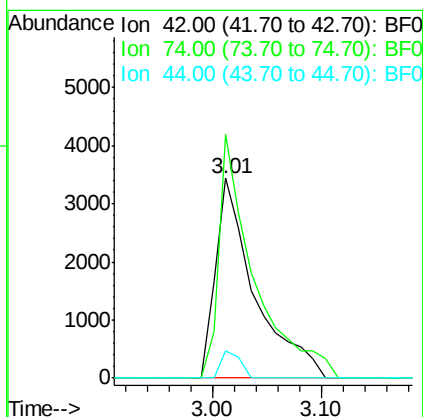
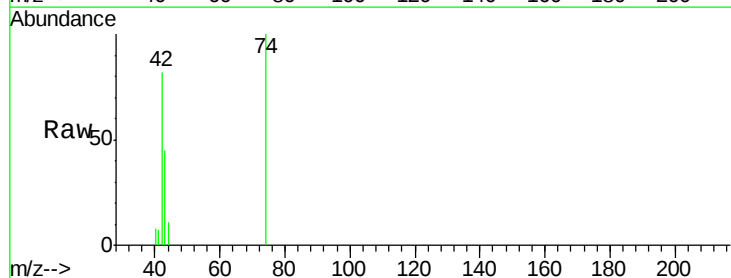
Instrument :
 BNA_F
 ClientSampleId :

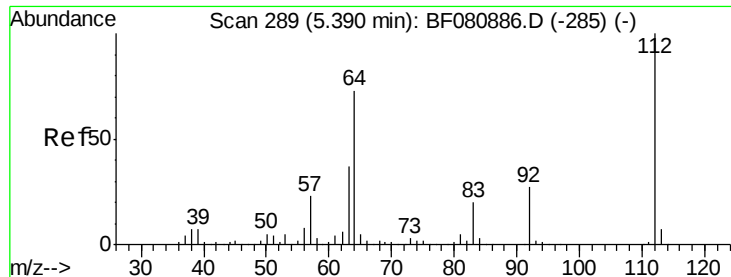
Tot Ion: 79 Resp: 14438
 Ion Ratio Lower Upper
 79 100
 52 109.0 76.7 115.1
 51 53.4 35.8 53.6



#4
 n-Nitrosodimethylamine
 Concen: 2.61 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.03 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion: 42 Resp: 8601
 Ion Ratio Lower Upper
 42 100
 74 121.7 90.6 135.8
 44 13.9 6.6 10.0#





#5

2-Fluorophenol

Concen: 10.33 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF080913.D

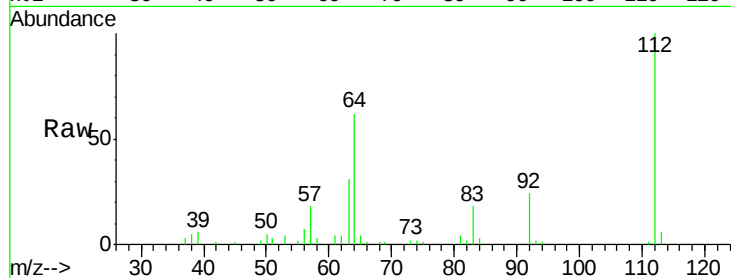
Acq: 7 Aug 2015 4:44

Instrument :

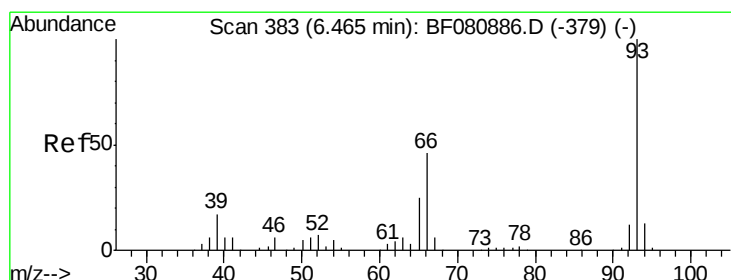
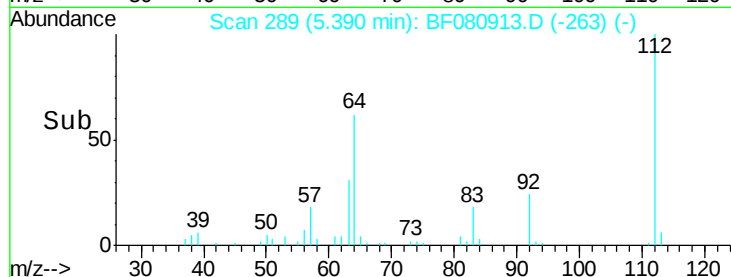
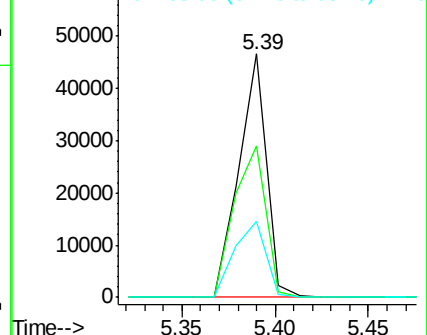
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	48383
Ion	Ratio	Lower	Upper
112	100		
64	62.3	58.0	87.0
63	31.0	29.8	44.8



Abundance Ion 112.00 (111.70 to 112.70): BF080913.D (-263) (-)



#6

Aniline

Concen: 2.09 ng

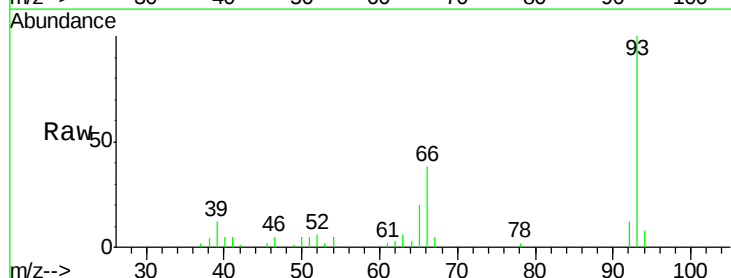
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

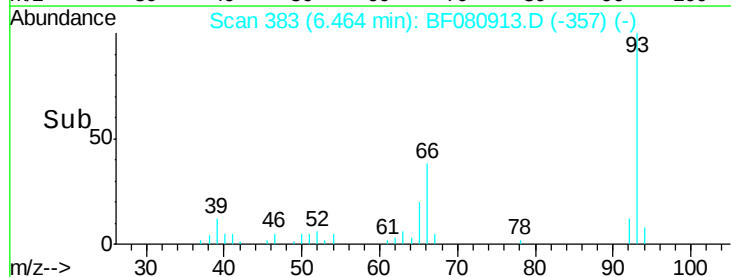
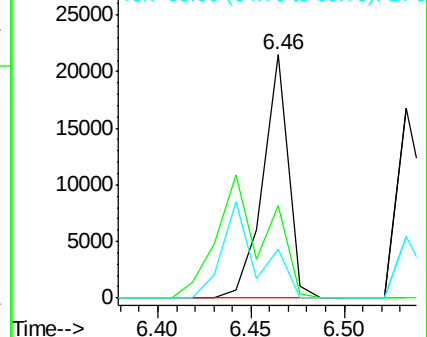
Lab File: BF080913.D

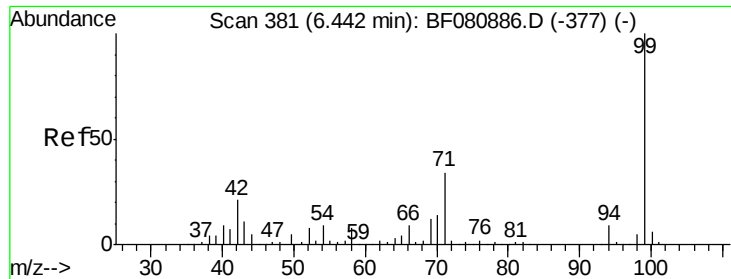
Acq: 7 Aug 2015 4:44

Tgt Ion:	93	Resp:	20015
Ion	Ratio	Lower	Upper
93	100		
66	38.3	37.4	56.0
65	20.3	19.8	29.6



Abundance Ion 93.00 (92.70 to 93.70): BF080913.D (-357) (-)





#7

Phenol-d6

Concen: 10.13 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

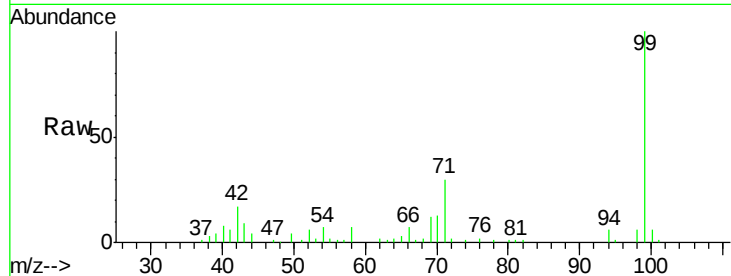
Tot Ion: 99 Resp: 65296

Ion Ratio Lower Upper

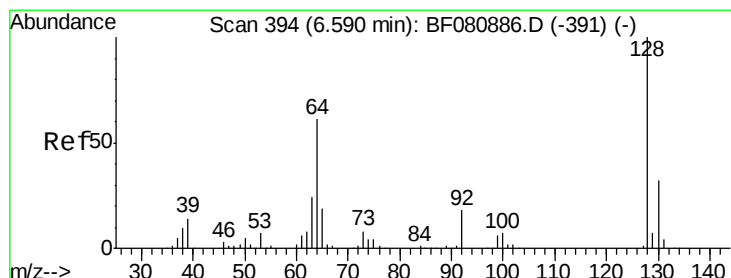
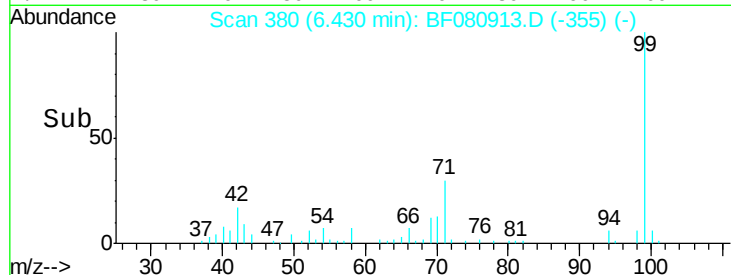
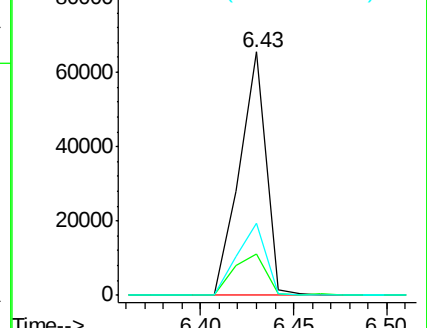
99 100

42 16.8 16.8 25.2#

71 29.5 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: 3.16 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

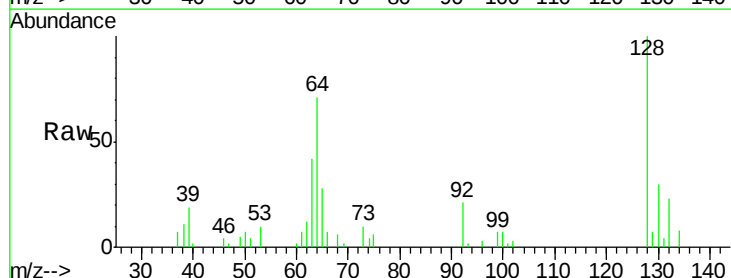
Tgt Ion: 128 Resp: 16814

Ion Ratio Lower Upper

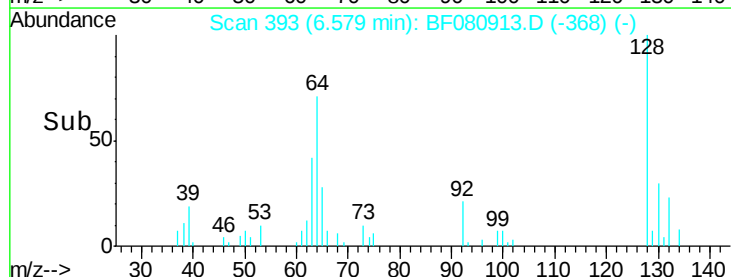
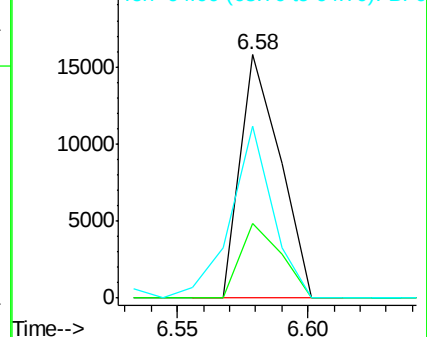
128 100

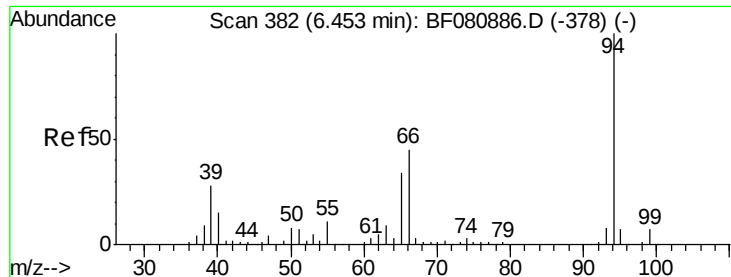
130 30.5 12.1 52.1

64 70.8 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

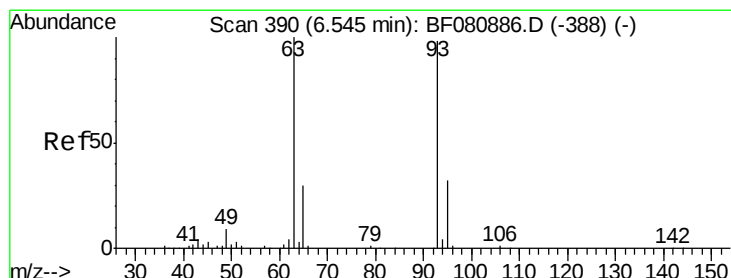
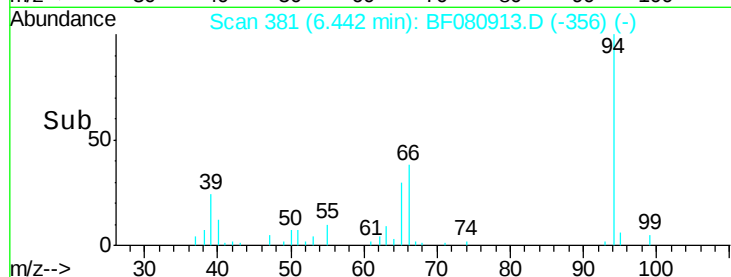
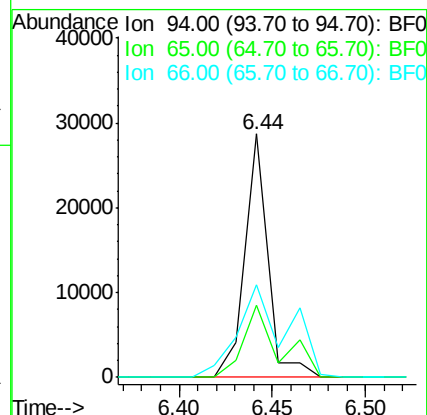
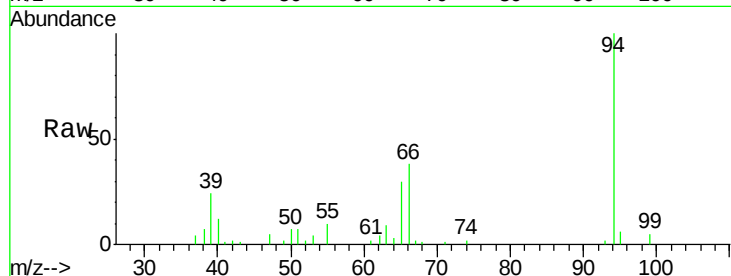




#10
Phenol
Concen: 3.21 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

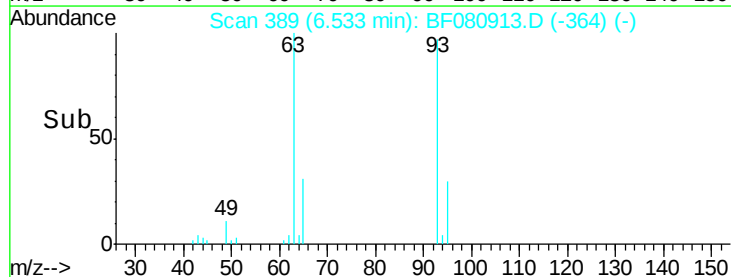
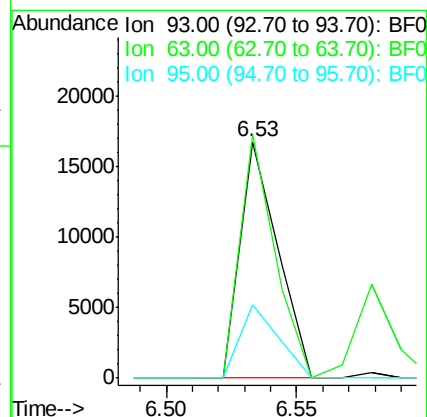
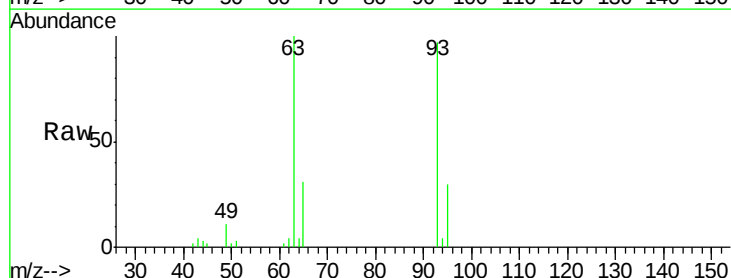
Instrument :
BNA_F
ClientSampleId :

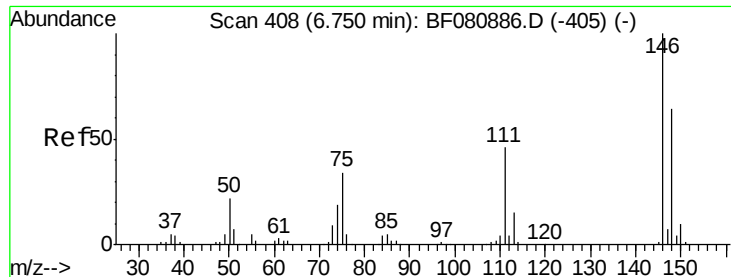
Tot Ion: 94 Resp: 24815
Ion Ratio Lower Upper
94 100
65 29.5 14.0 54.0
66 37.9 24.6 64.6



#11
bis(2-Chloroethyl)ether
Concen: 3.10 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion: 93 Resp: 16969
Ion Ratio Lower Upper
93 100
63 103.0 81.4 121.4
95 31.0 12.1 52.1

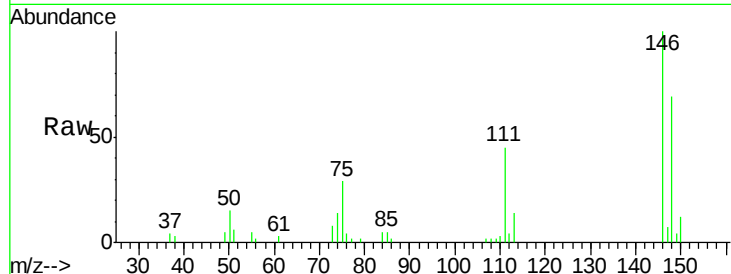




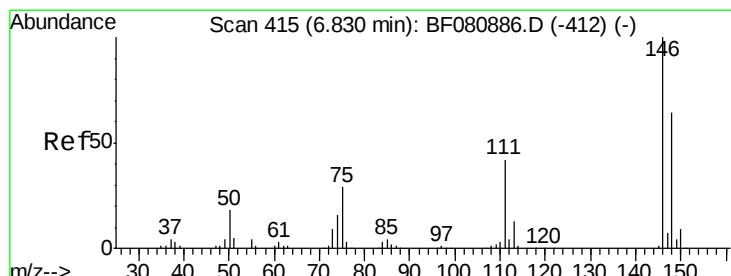
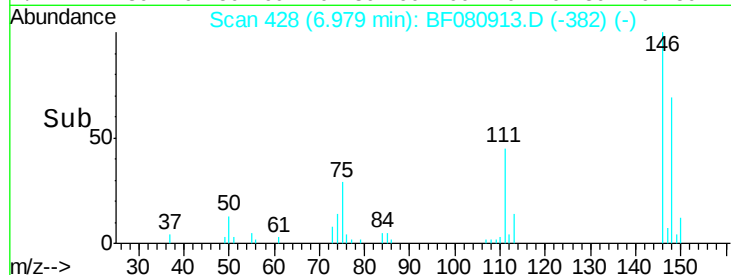
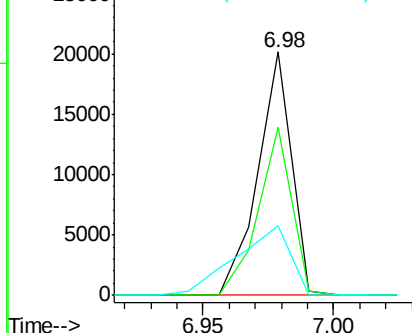
#12
 1,3-Dichlorobenzene
 Concen: 3.11 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.23 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.1	51.3	76.9
75	28.7	27.0	40.4

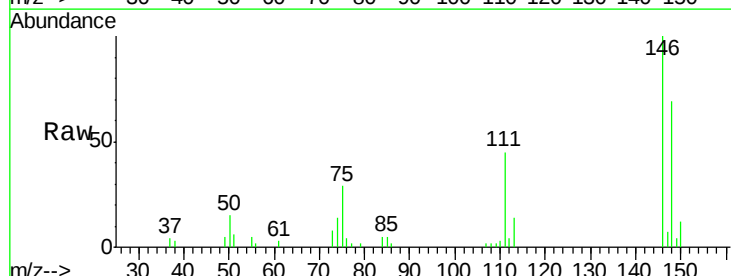


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

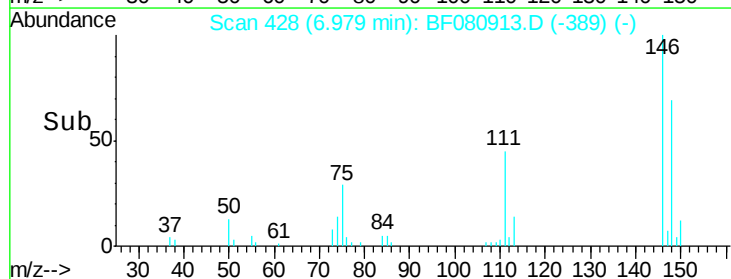
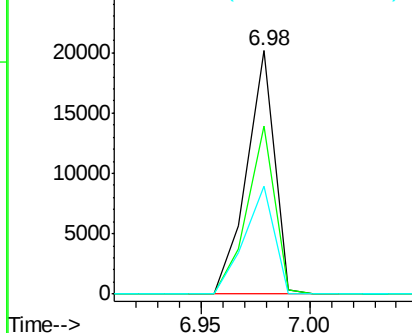


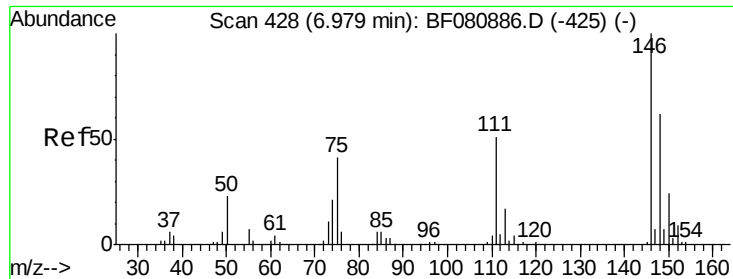
#13
 1,4-Dichlorobenzene
 Concen: 3.05 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.15 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.1	51.5	77.3
111	44.5	33.8	50.6



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

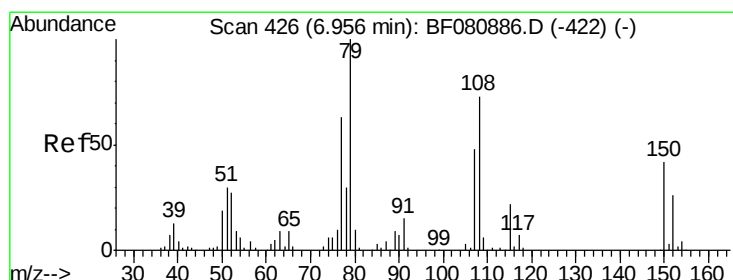
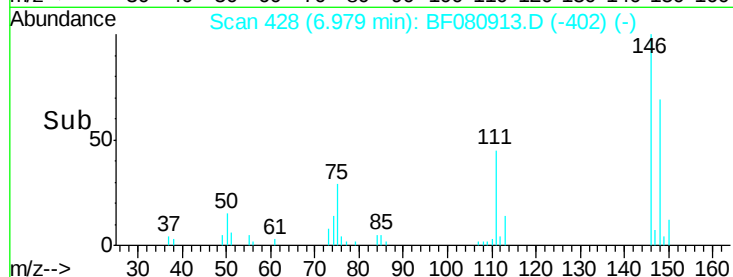
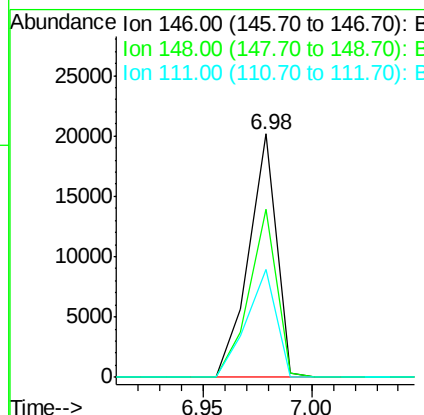
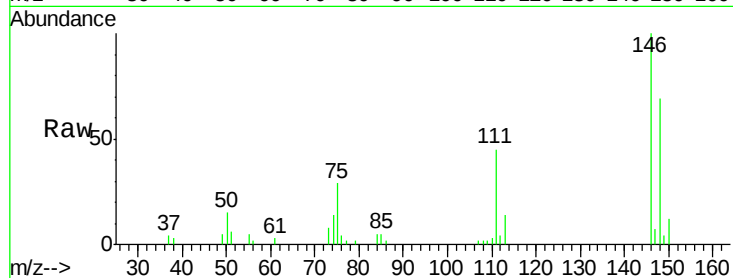




#14
 1,2-Dichlorobenzene
 Concen: 3.33 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

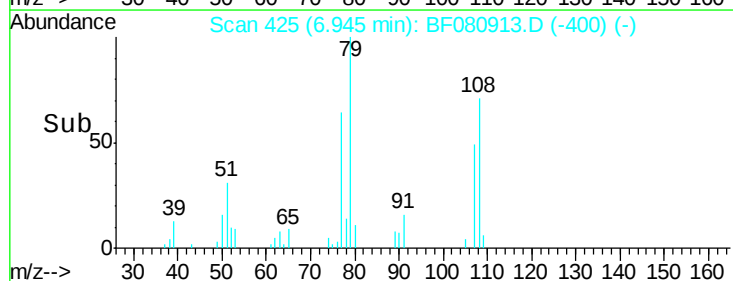
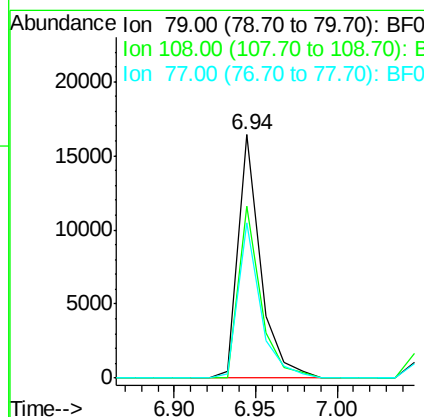
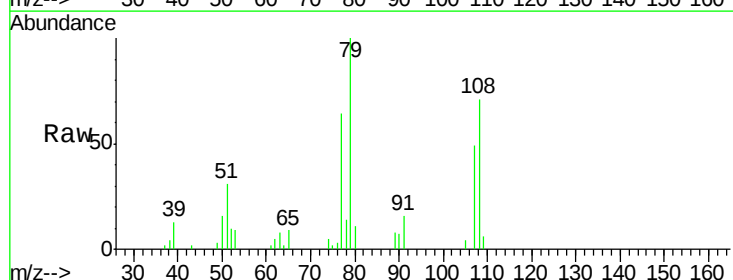
Instrument :
 BNA_F
 ClientSampleId :

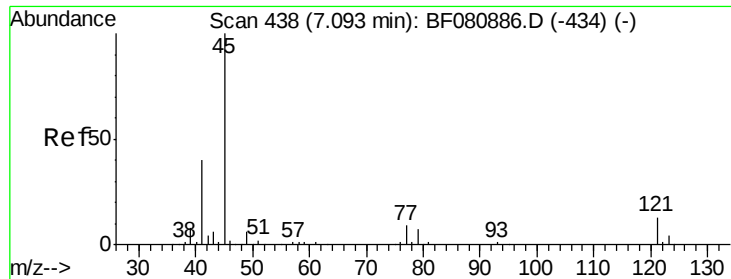
Tot Ion:146 Resp: 17932
 Ion Ratio Lower Upper
 146 100
 148 69.1 50.0 75.0
 111 44.5 41.0 61.6



#15
 Benzyl Alcohol
 Concen: 3.03 ng
 RT: 6.94 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion: 79 Resp: 15480
 Ion Ratio Lower Upper
 79 100
 108 70.6 58.2 87.2
 77 63.7 50.0 75.0

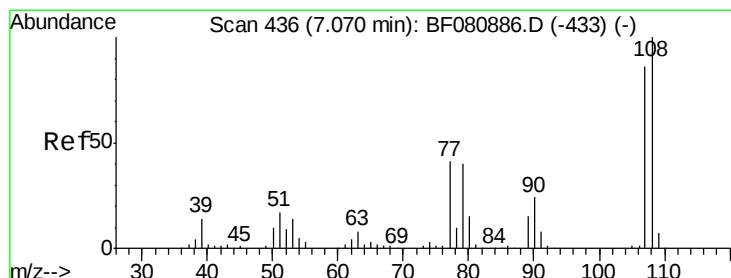
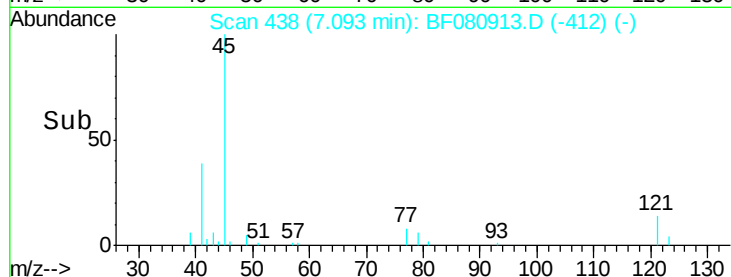
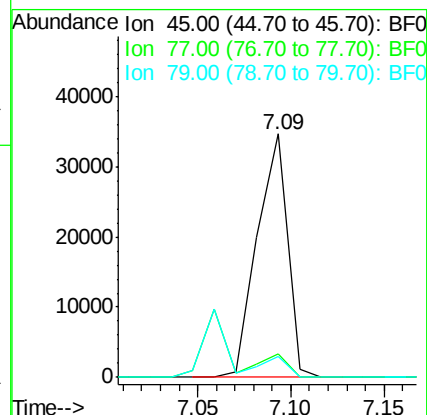
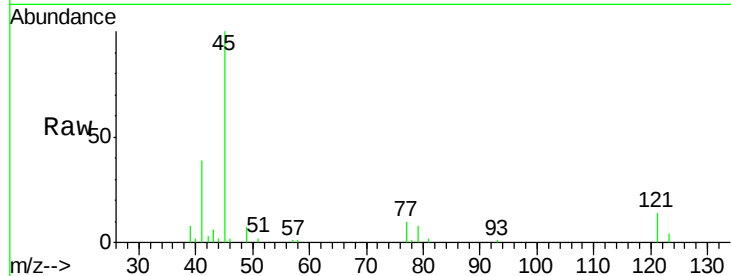




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 3.46 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

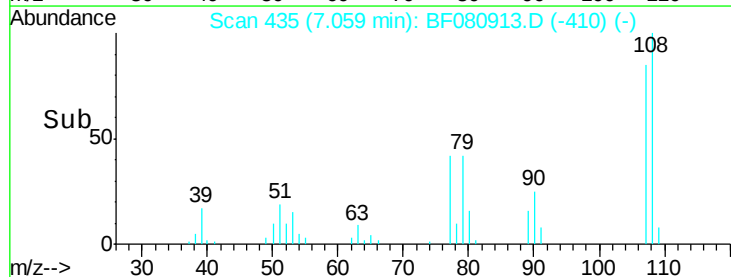
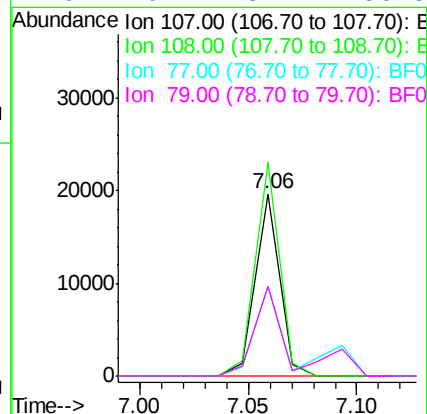
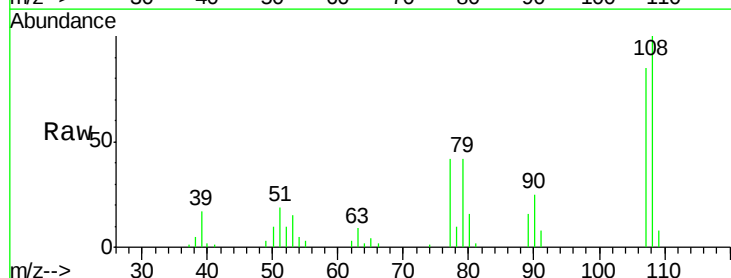
Instrument :
BNA_F
ClientSampleId :

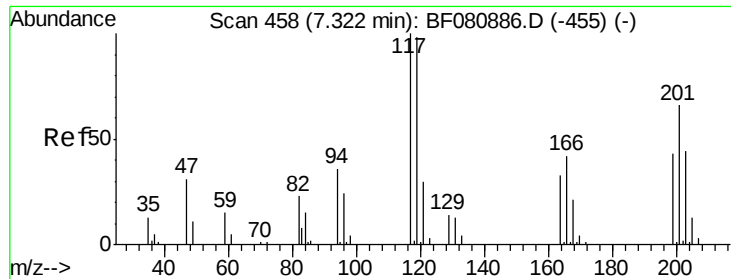
Tot Ion: 45 Resp: 38870
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.1
79 8.5 0.0 27.6



#17
2-Methylphenol
Concen: 3.20 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion: 107 Resp: 15260
Ion Ratio Lower Upper
107 100
108 117.3 93.1 139.7
77 49.1 38.2 57.2
79 49.2 37.7 56.5

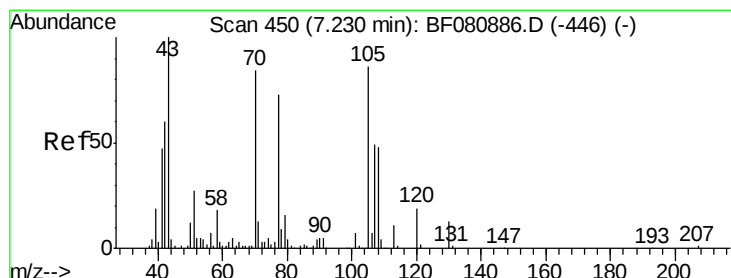
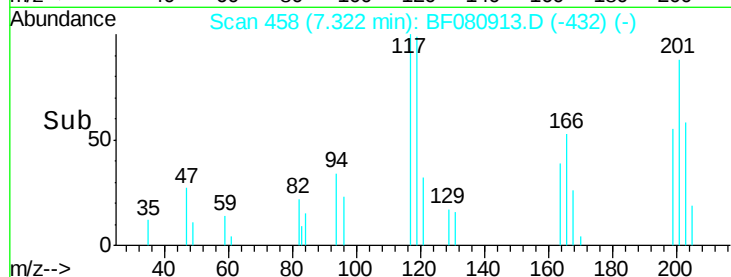
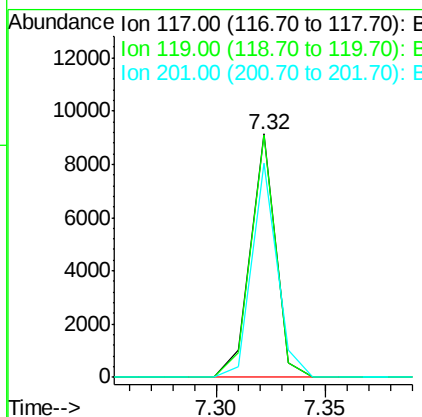
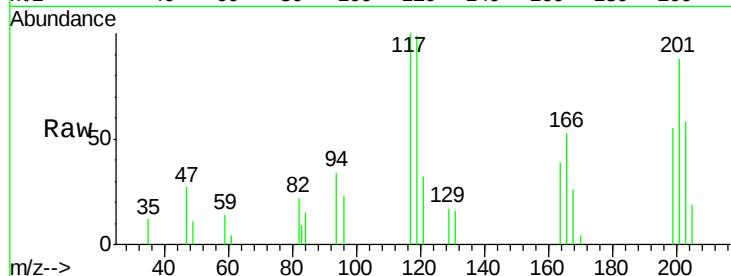




#18
Hexachloroethane
Concen: 3.28 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

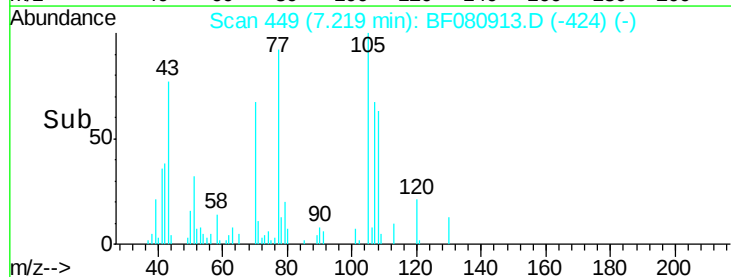
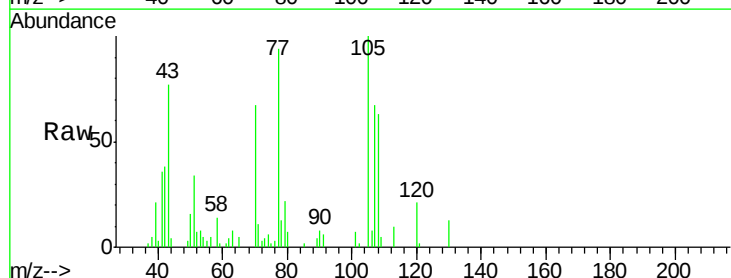
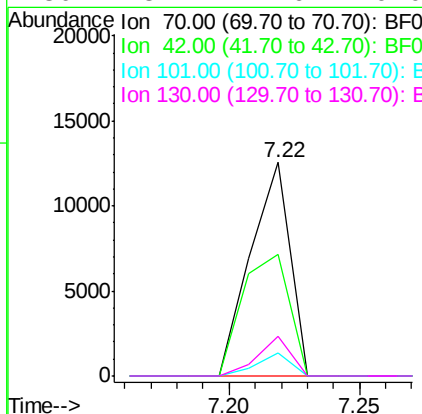
Instrument :
BNA_F
ClientSampleId :

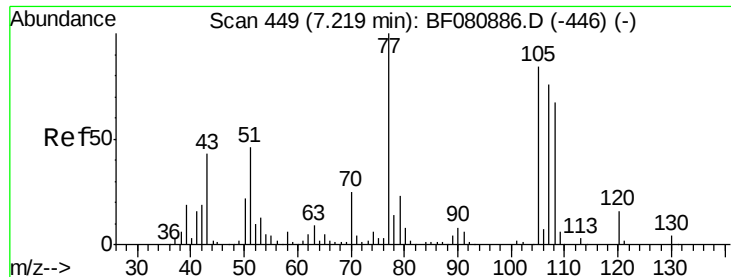
Tot Ion:117 Resp: 7322
Ion Ratio Lower Upper
117 100
119 99.4 78.4 117.6
201 88.1 53.1 79.7#



#19
n-Nitroso-di-n-propylamine
Concen: 2.92 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion: 70 Resp: 13384
Ion Ratio Lower Upper
70 100
42 57.0 57.2 85.8#
101 11.0 6.6 9.8#
130 18.7 12.6 19.0

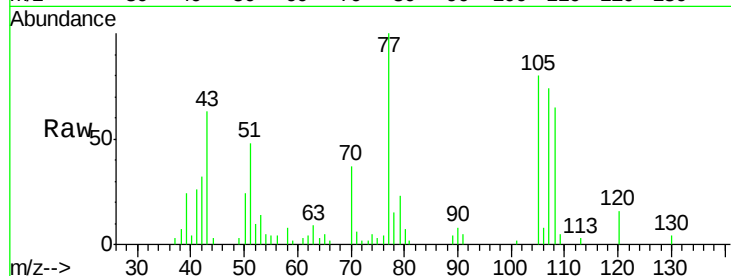




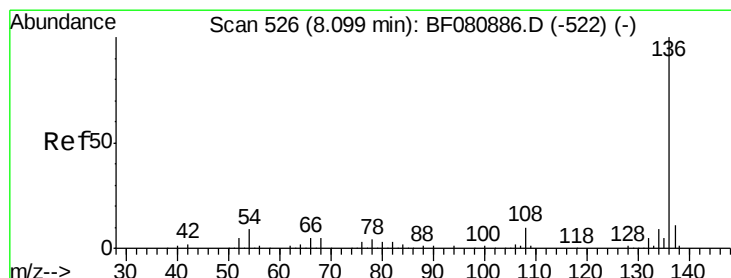
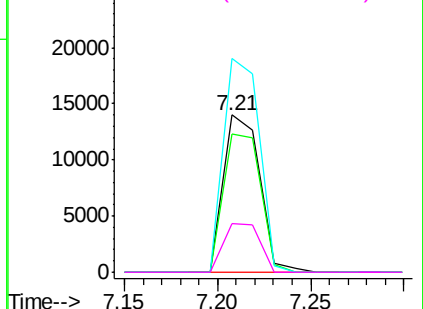
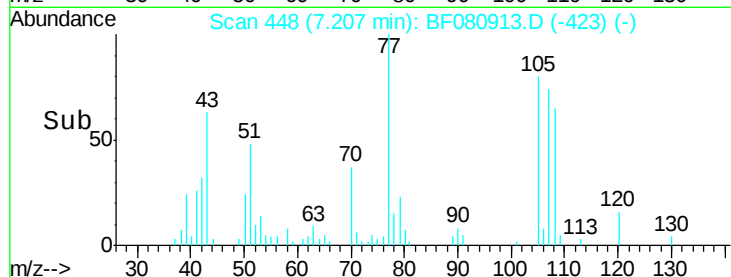
#20
3+4-Methylphenols
Concen: 3.30 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 19092
Ion Ratio Lower Upper
107 100
108 88.1 67.3 107.3
77 135.8 111.2 151.2
79 31.1 10.6 50.6

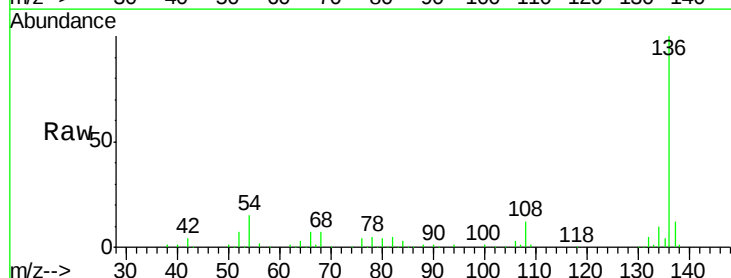


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

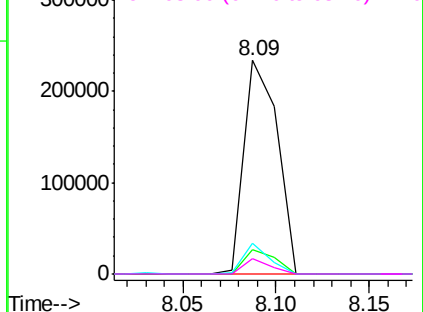
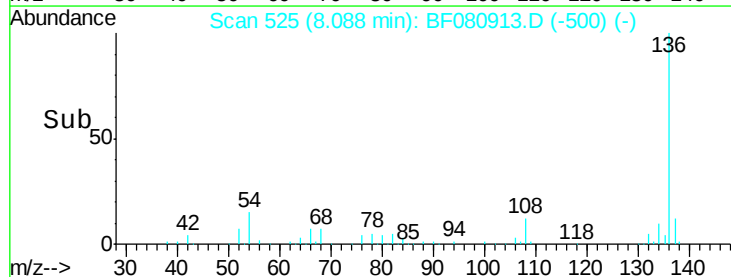


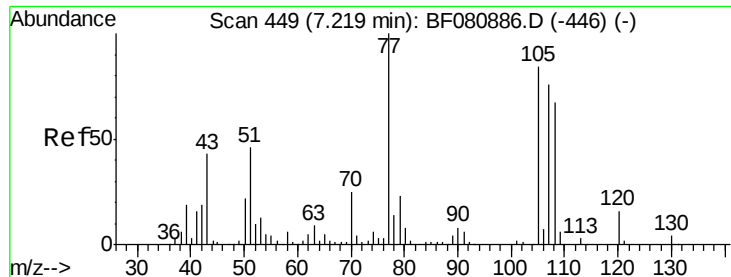
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:136 Resp: 290524
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 14.6 7.5 11.3#
68 7.4 4.2 6.2#



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





#22

Acetophenone

Concen: 3.25 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:105 Resp: 23617

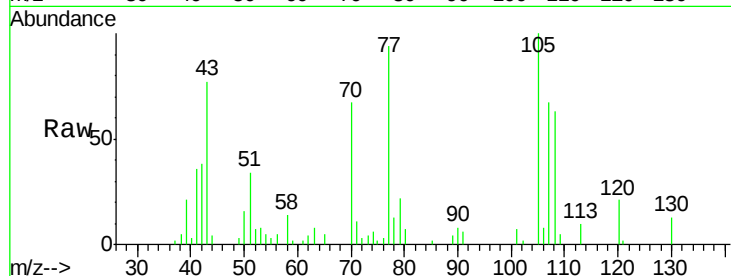
Ion Ratio Lower Upper

105 100

71 11.1 3.8 5.8#

51 34.1 44.2 66.4#

120 20.9 15.4 23.0

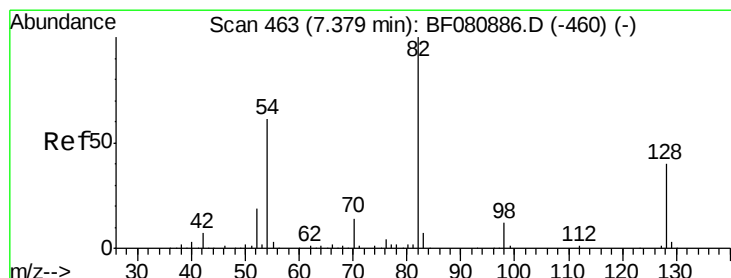
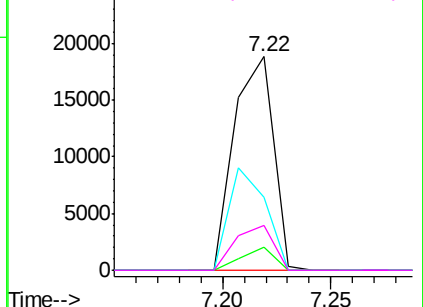
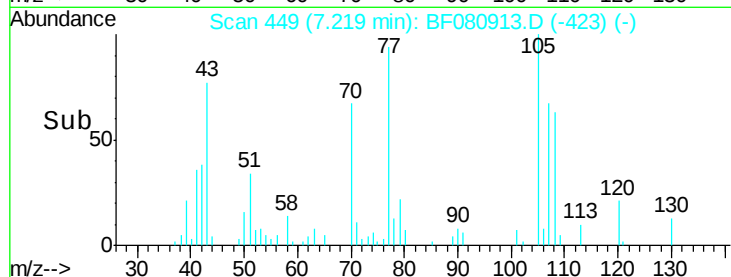


Abundance Ion 105.00 (104.70 to 105.70): E

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: 6.77 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

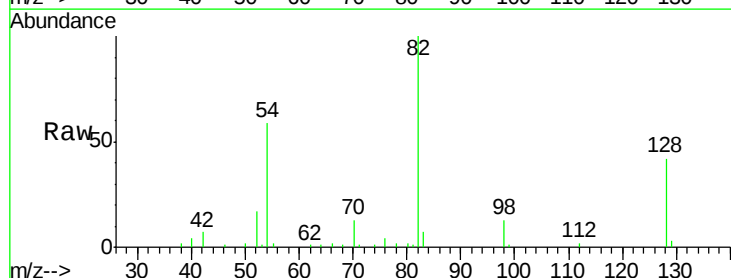
Tgt Ion: 82 Resp: 41779

Ion Ratio Lower Upper

82 100

128 41.5 31.8 47.6

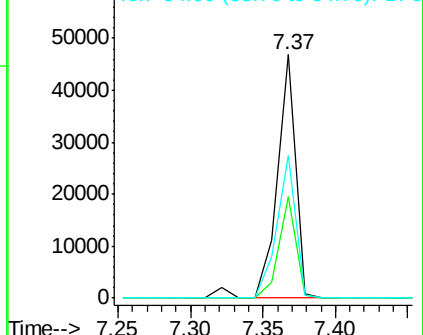
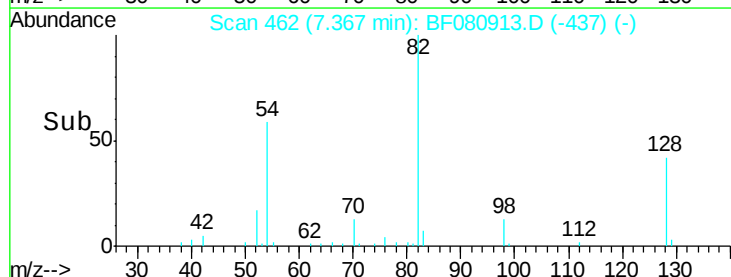
54 58.6 48.6 72.8

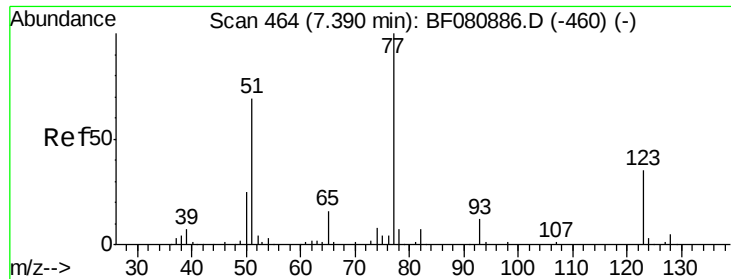


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 3.00 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

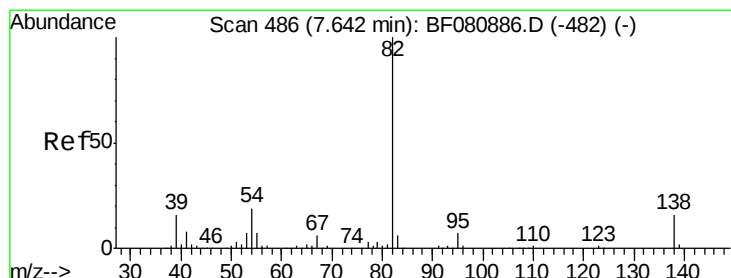
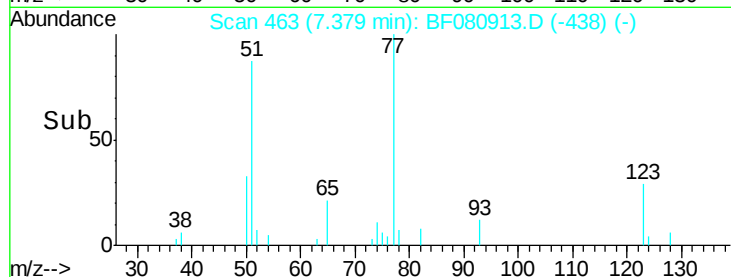
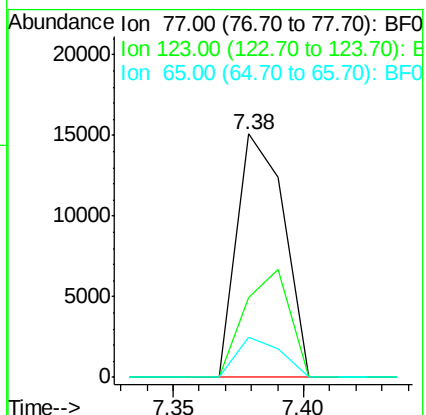
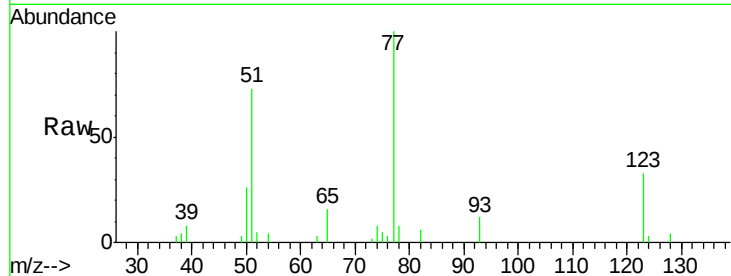
Tot Ion: 77 Resp: 18858

Ion Ratio Lower Upper

77 100

123 32.6 28.3 42.5

65 16.4 12.5 18.7



#25

Isophorone

Concen: 3.07 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

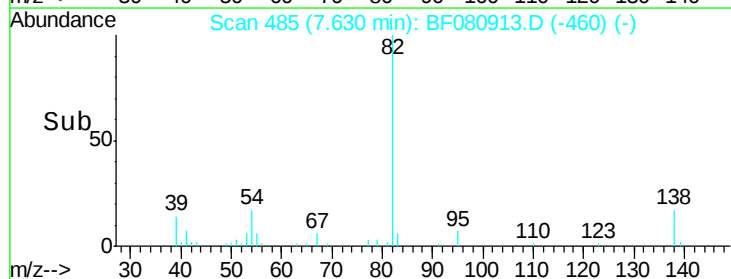
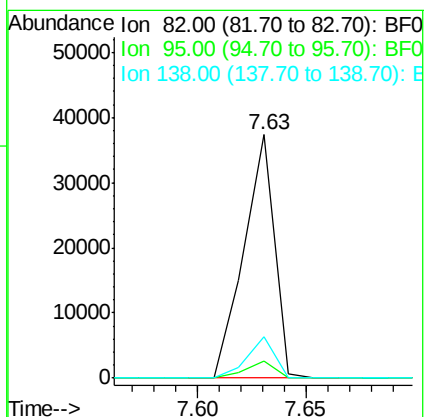
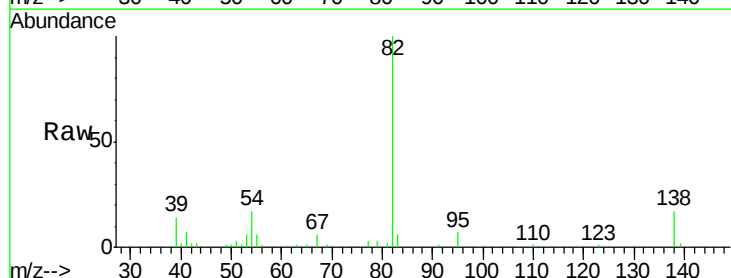
Tgt Ion: 82 Resp: 36315

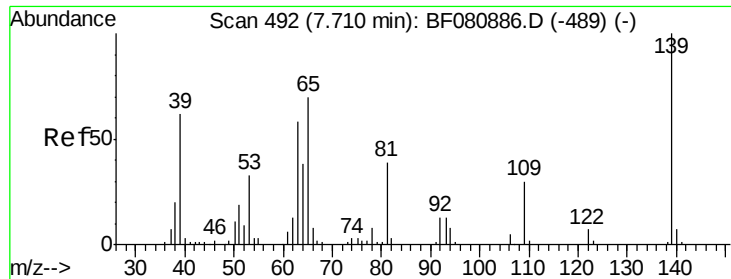
Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 16.8 13.0 19.6

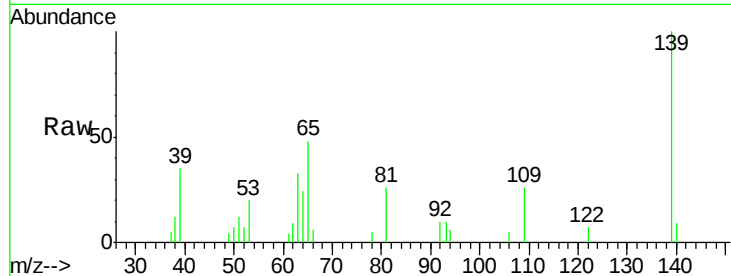




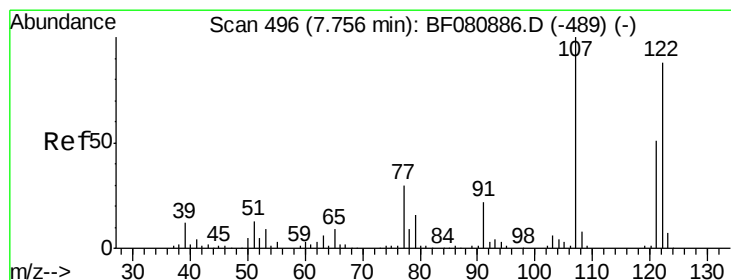
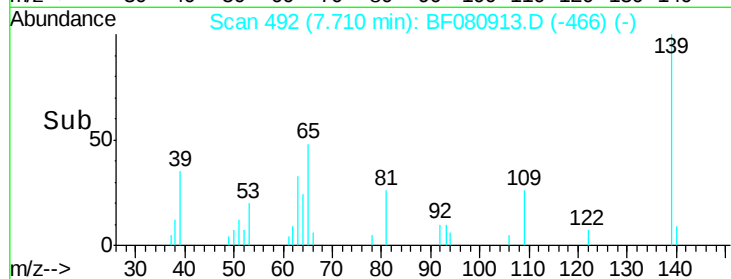
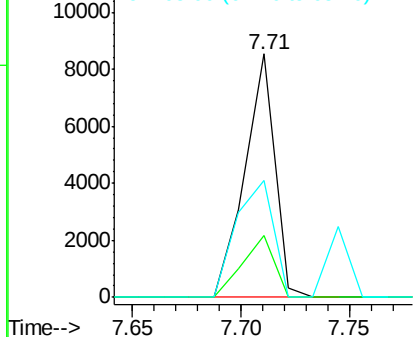
#26
 2-Nitrophenol
 Concen: 3.10 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:139 Resp: 8188
 Ion Ratio Lower Upper
 139 100
 109 25.5 24.2 36.4
 65 48.2 55.6 83.4#

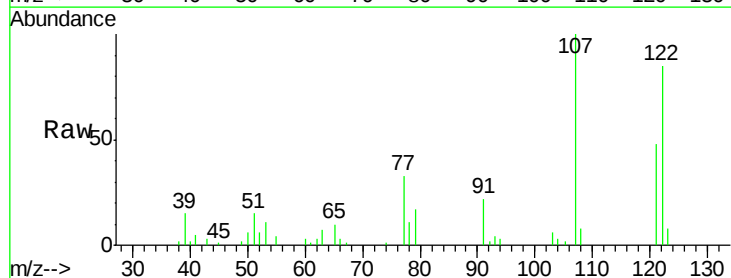


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0

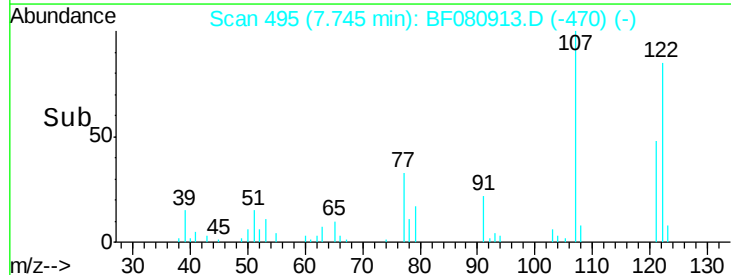
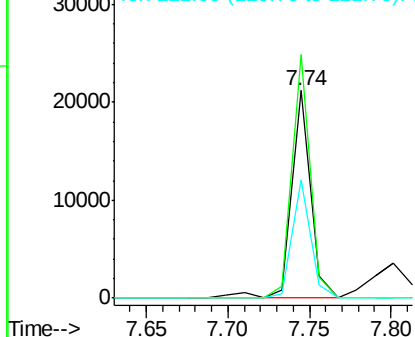


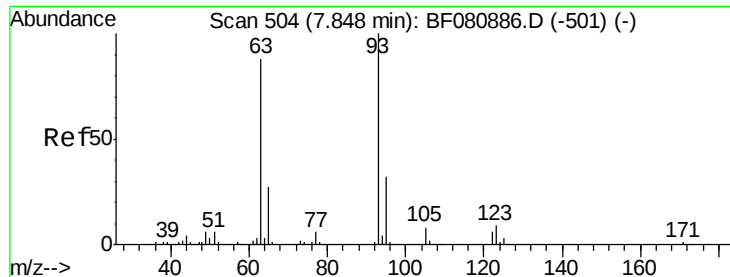
#27
 2,4-Dimethylphenol
 Concen: 3.41 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:122 Resp: 17237
 Ion Ratio Lower Upper
 122 100
 107 117.2 91.1 136.7
 121 56.8 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

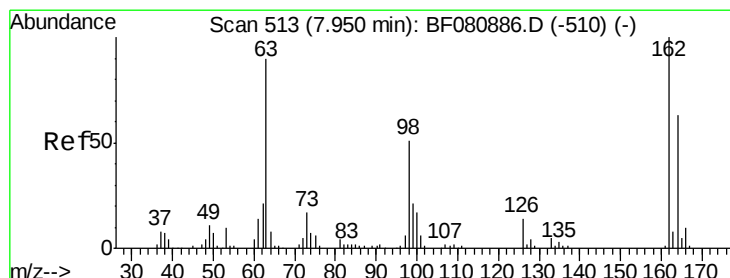
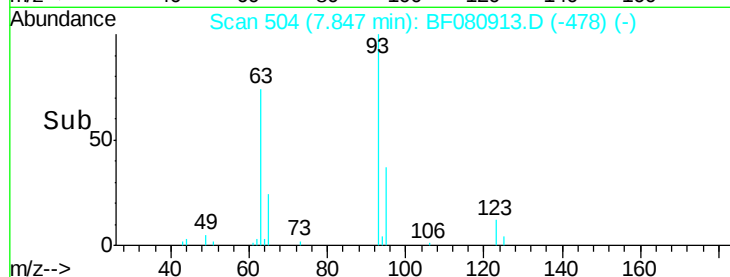
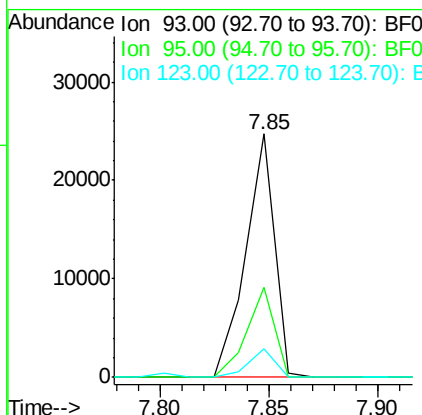
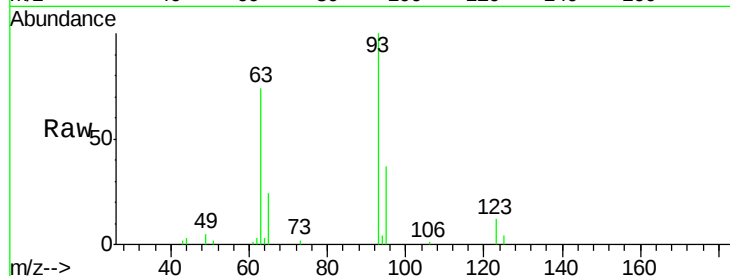




#28
 bis(2-Chloroethoxy)methane
 Concen: 3.24 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

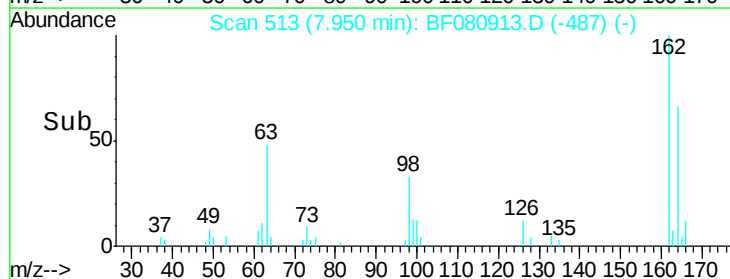
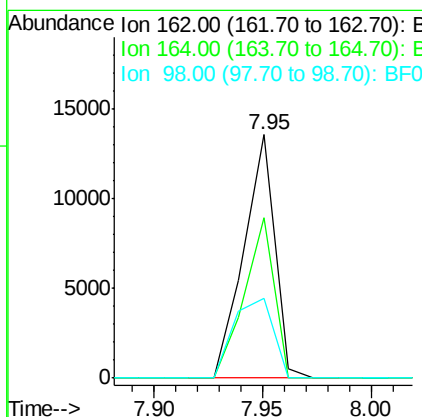
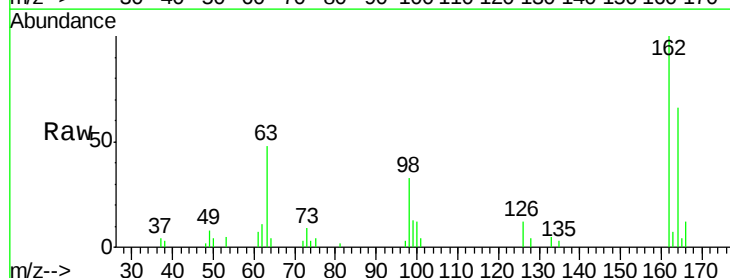
Instrument :
 BNA_F
 ClientSampleId :

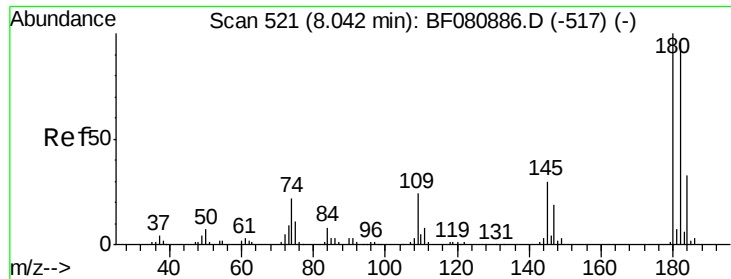
Tot Ion: 93 Resp: 22677
 Ion Ratio Lower Upper
 93 100
 95 36.9 25.5 38.3
 123 11.9 7.6 11.4#



#29
 2,4-Dichlorophenol
 Concen: 3.32 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion: 162 Resp: 13391
 Ion Ratio Lower Upper
 162 100
 164 65.6 43.4 83.4
 98 32.8 30.9 70.9

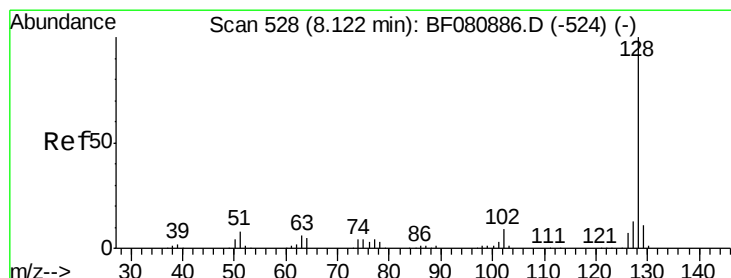
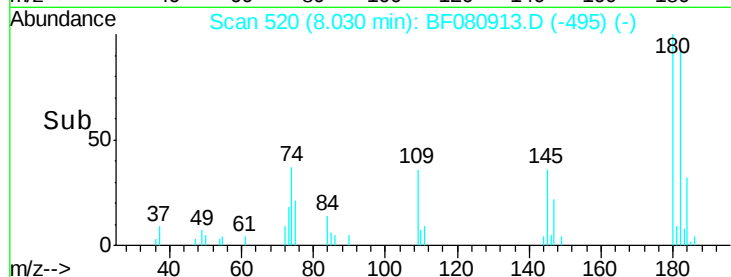
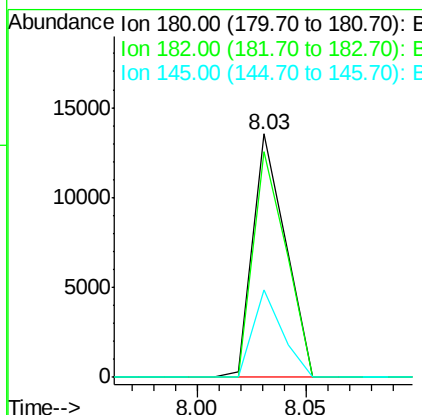
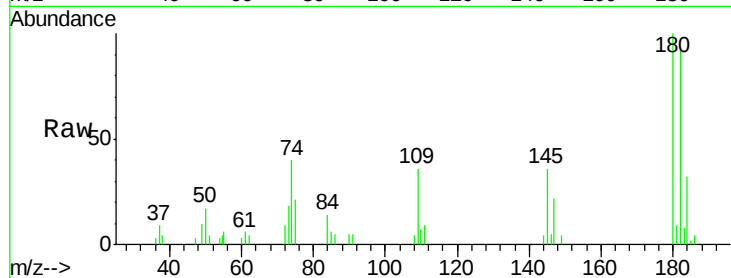




#30
 1,2,4-Trichlorobenzene
 Concen: 3.18 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

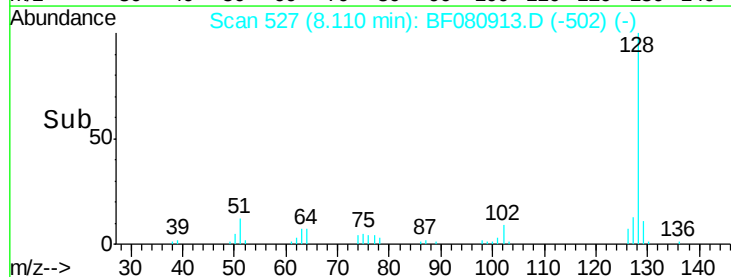
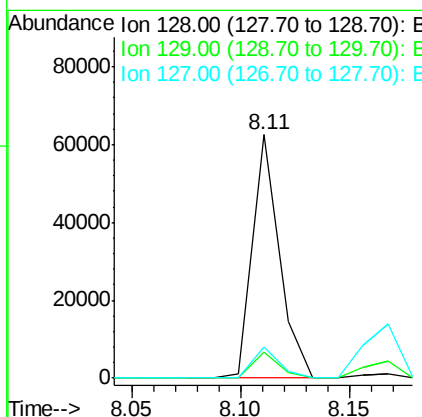
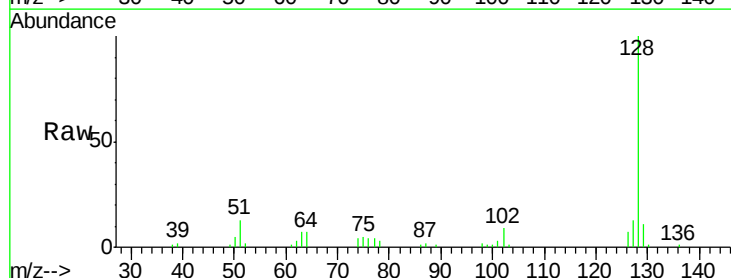
Instrument :
 BNA_F
 ClientSampleId :

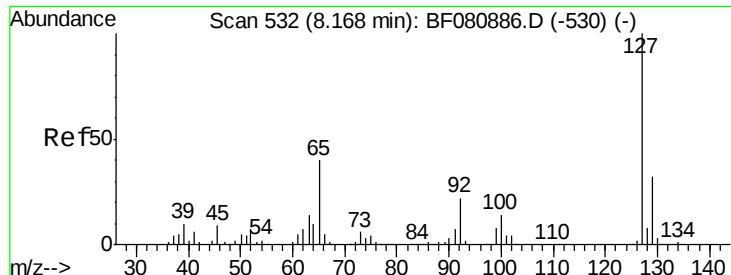
Tot Ion:180 Resp: 14220
 Ion Ratio Lower Upper
 180 100
 182 92.8 76.8 115.2
 145 35.7 24.2 36.2



#31
 Naphthalene
 Concen: 3.40 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:128 Resp: 53562
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.6 13.0
 127 12.5 10.6 15.8

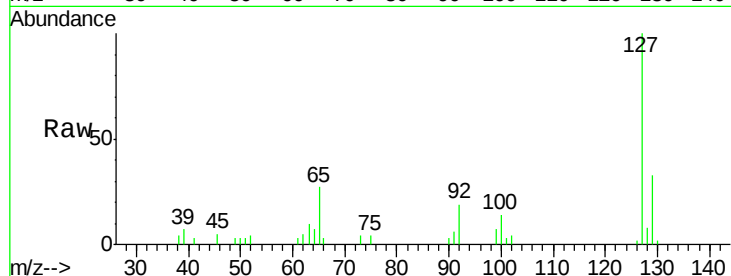




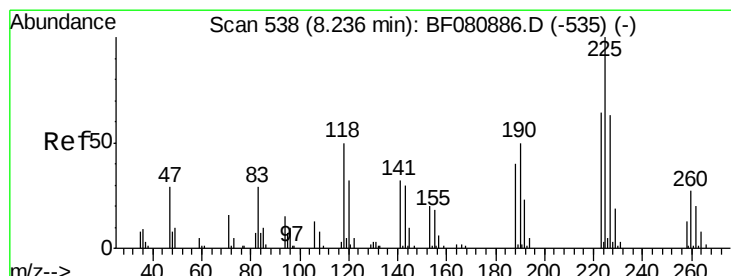
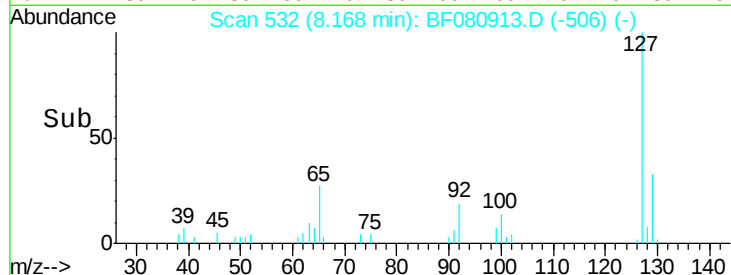
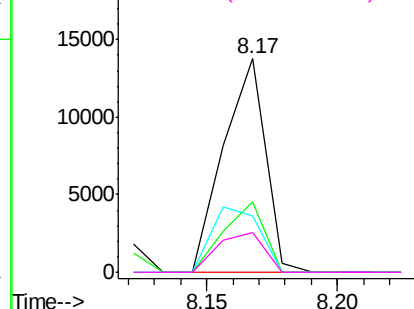
#33
4-Chloroaniline
Concen: 2.37 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	15447
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	26.7	31.7	47.5#
92	18.8	17.6	26.4

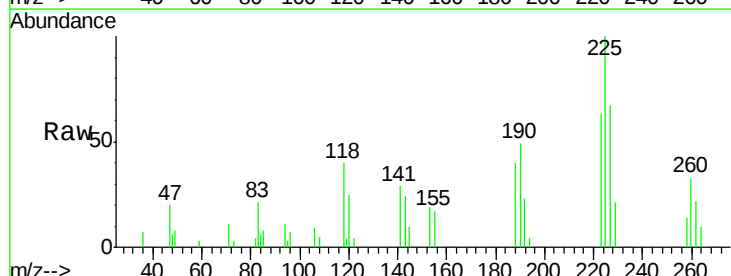


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

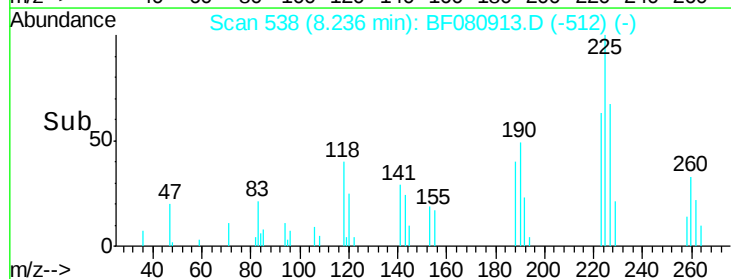
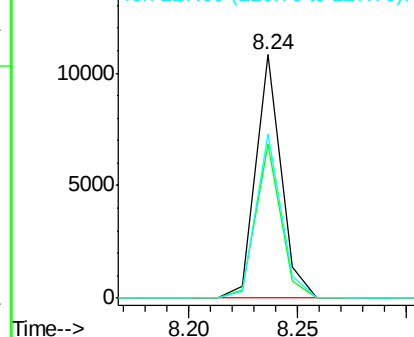


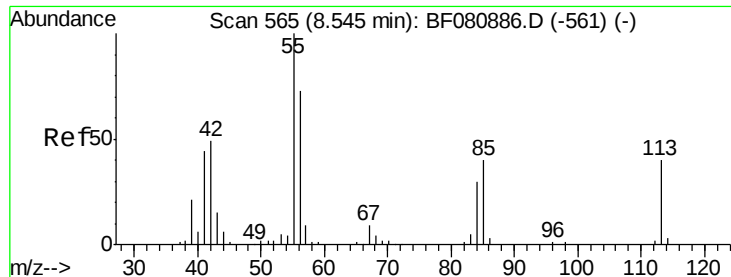
#34
Hexachlorobutadiene
Concen: 3.42 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:	225	Resp:	8717
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.2	76.8
227	67.5	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

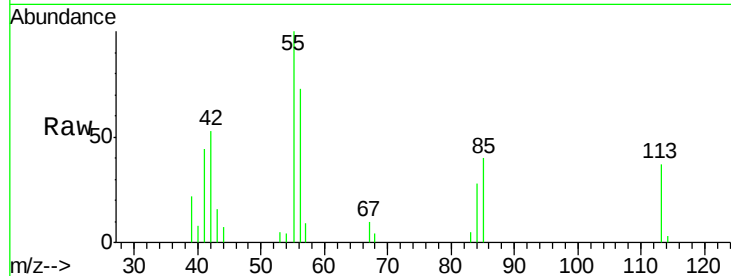




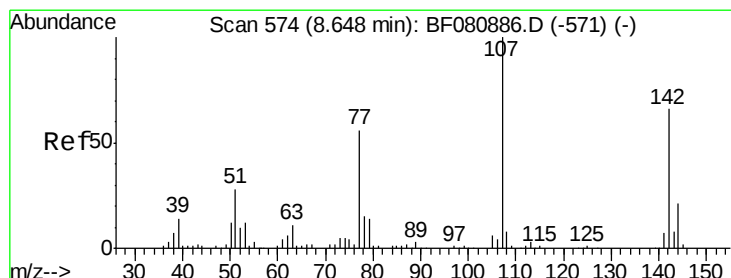
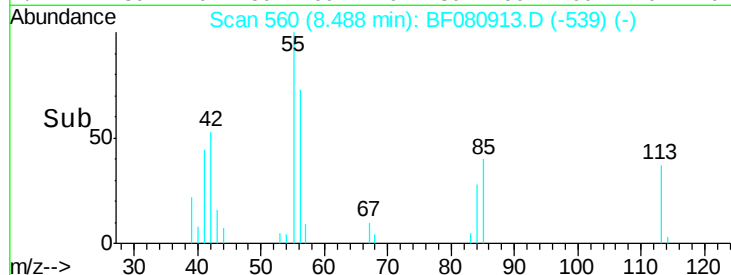
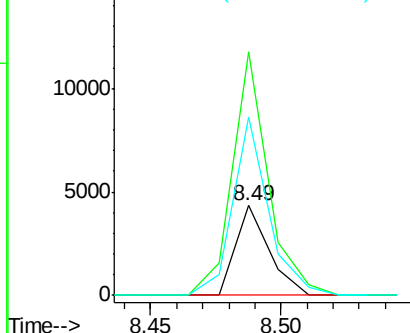
#35
 Caprolactam
 Concen: 2.56 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.06 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 3849
 Ion Ratio Lower Upper
 113 100
 55 270.7 228.4 268.4#
 56 198.7 161.5 201.5

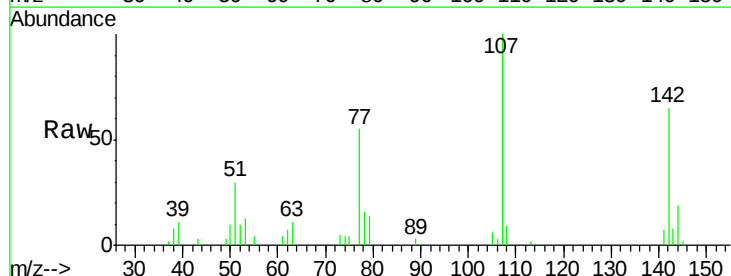


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

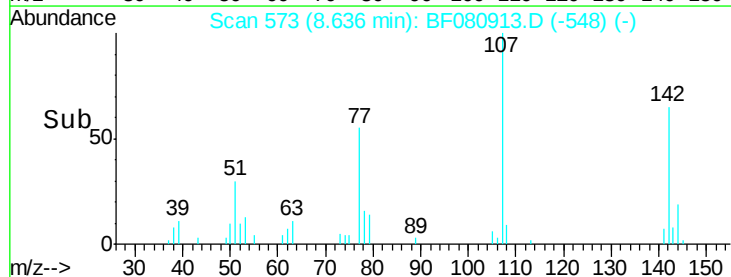
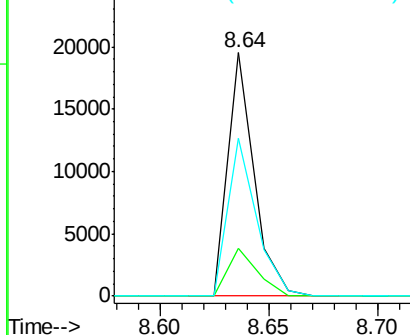


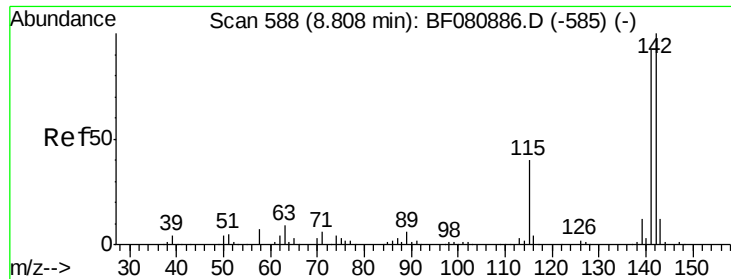
#36
 4-Chloro-3-methylphenol
 Concen: 3.36 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:107 Resp: 16335
 Ion Ratio Lower Upper
 107 100
 144 19.4 17.0 25.6
 142 64.9 52.6 78.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

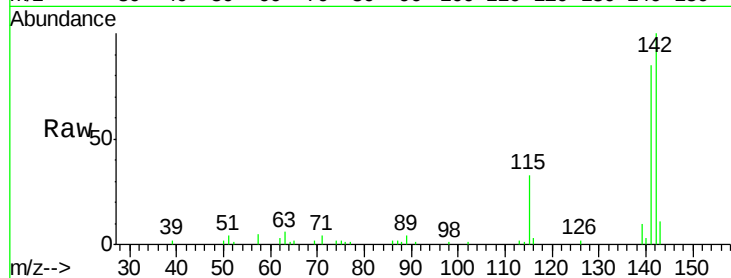




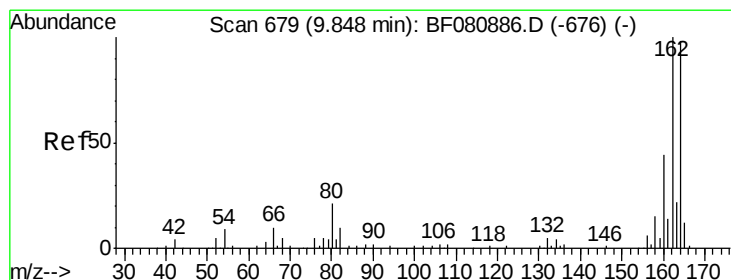
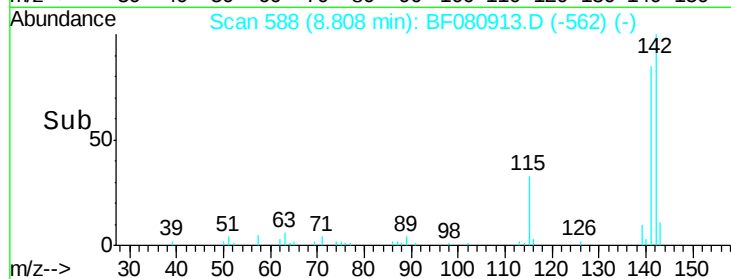
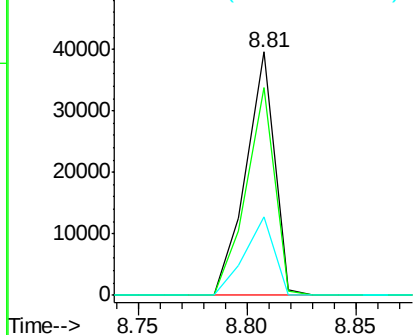
#37
 2-Methylnaphthalene
 Concen: 3.74 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.5	73.5	110.3
115	32.5	32.1	48.1

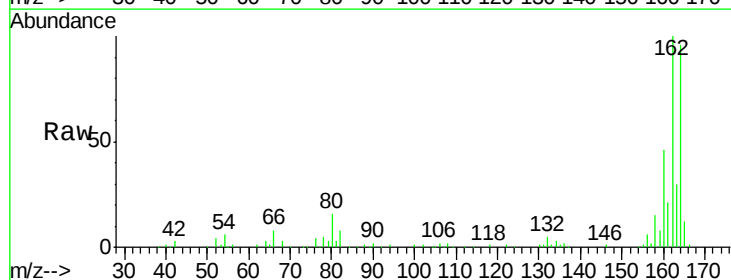


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

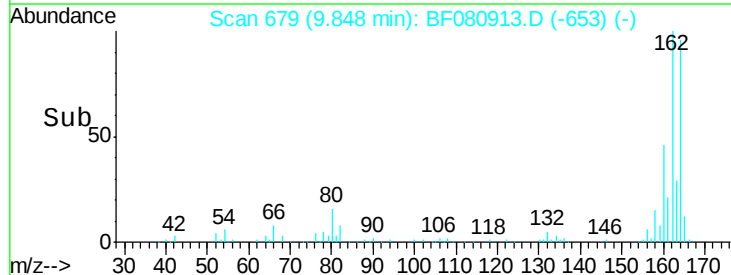
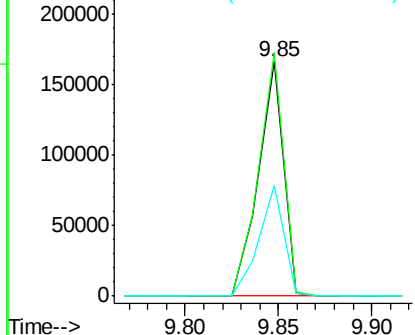


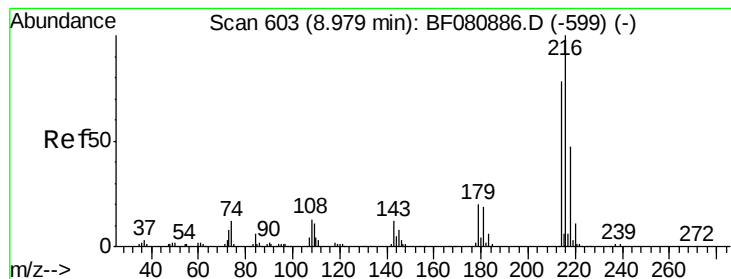
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.5	122.3
160	47.3	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: 2.96 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF080913.D

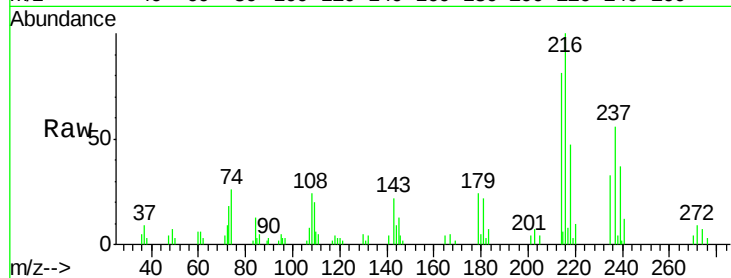
Acq: 7 Aug 2015 4:44

Instrument :

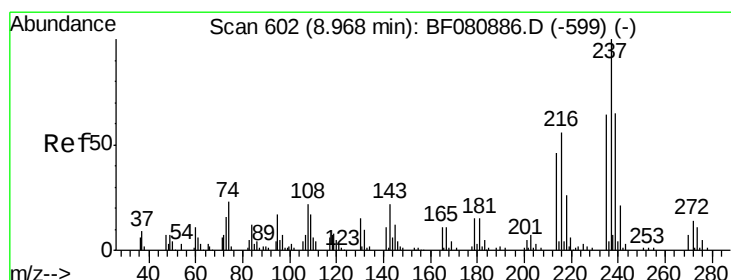
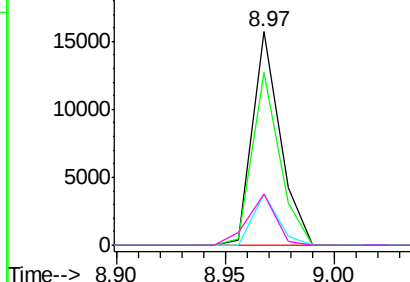
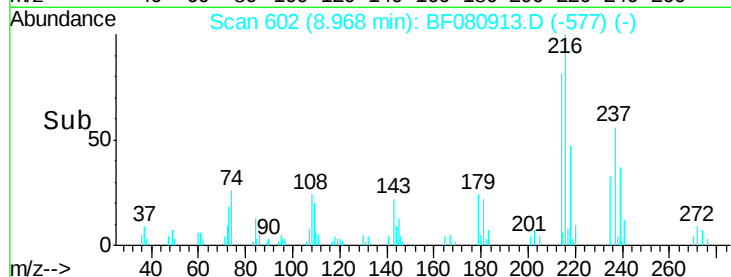
BNA_F

ClientSampleId :

Tot Ion:216	Resp:	13930
Ion Ratio	Lower	Upper
216	100	
214	80.1	62.8 94.2
179	22.2	17.0 25.6
108	25.2	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: 5.32 ng

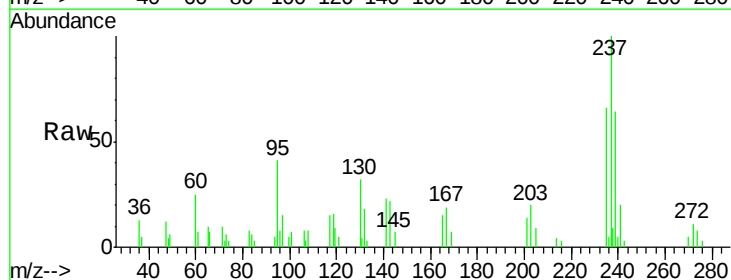
RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

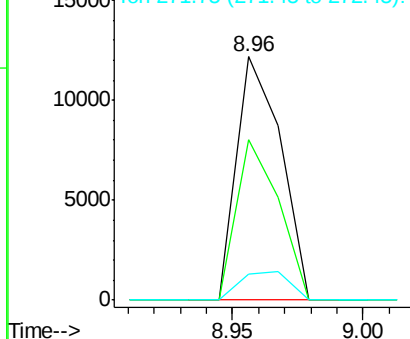
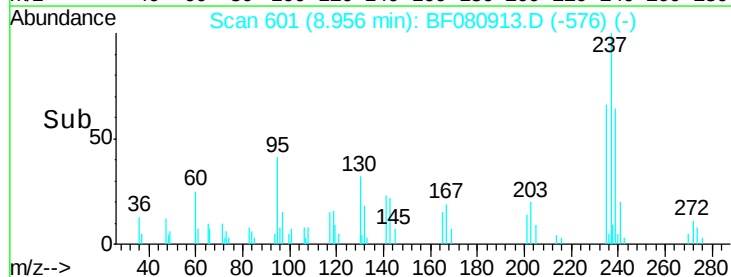
Lab File: BF080913.D

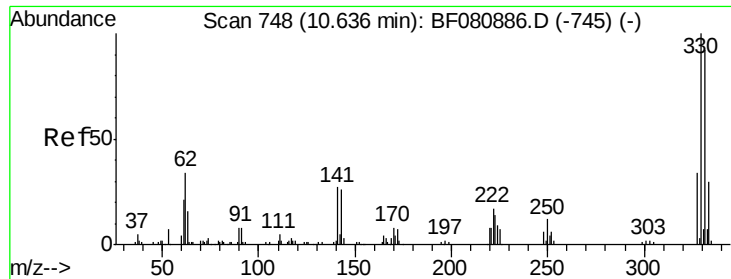
Acq: 7 Aug 2015 4:44

Tgt Ion:237	Resp:	14368
Ion Ratio	Lower	Upper
237	100	
235	65.8	43.7 83.7
272	10.7	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

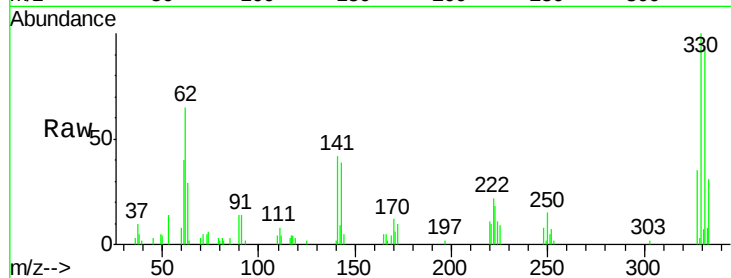




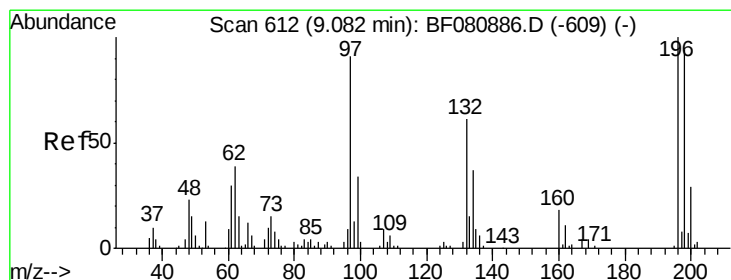
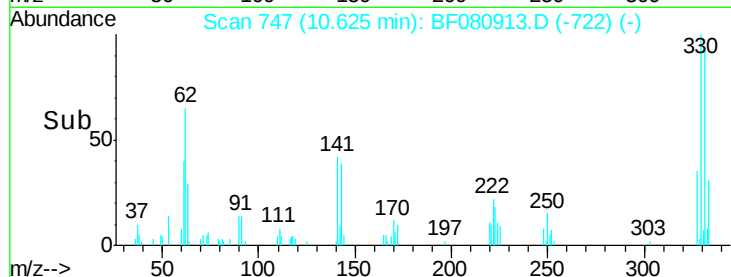
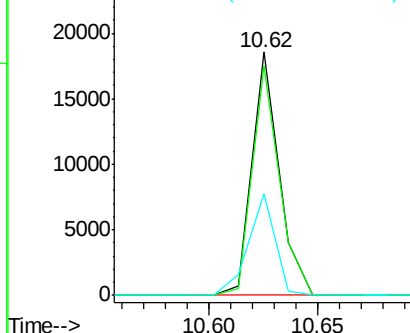
#41
 2,4,6-Tribromophenol
 Concen: 9.63 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp:	15976		
Ion Ratio	100	94.8	41.3
Lower		74.1	30.1
Upper		111.1	45.1

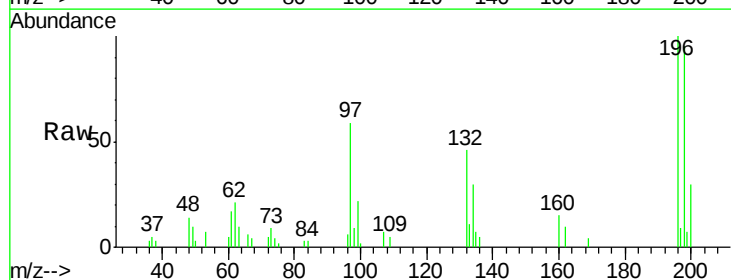


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

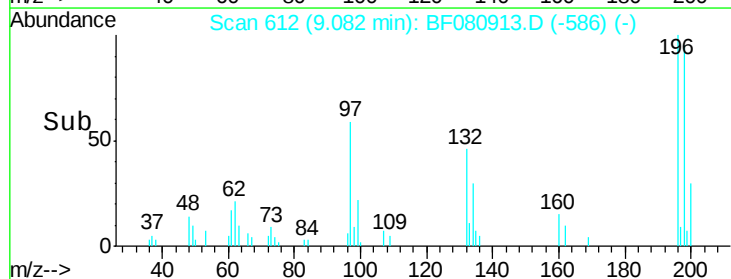
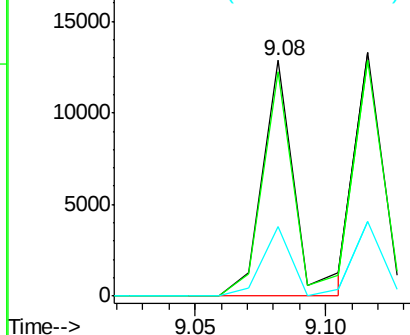


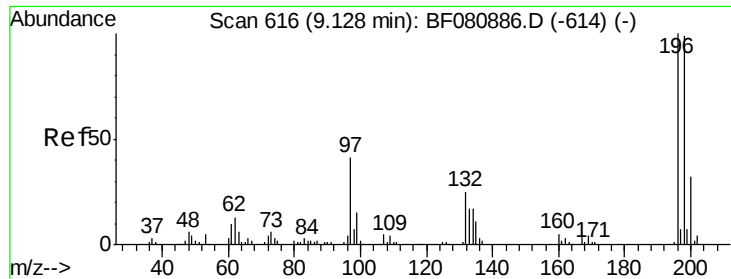
#42
 2,4,6-Trichlorophenol
 Concen: 3.16 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion	196	198	200
Resp:	10956		
Ion Ratio	100	94.9	29.6
Lower		74.9	23.2
Upper		112.3	34.8



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

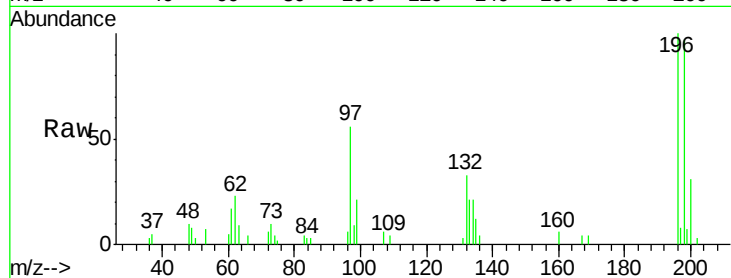




#43
 2,4,5-Trichlorophenol
 Concen: 2.82 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.7	118.1
97	55.7	33.9	50.9
132	32.9	20.1	30.1



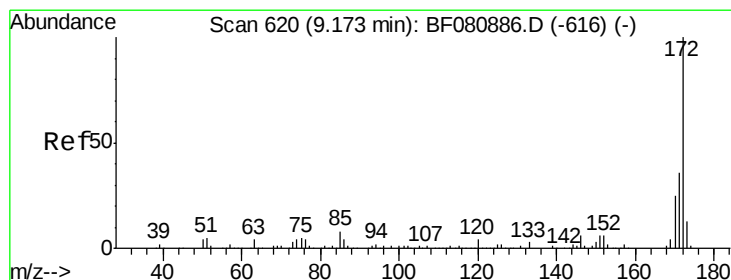
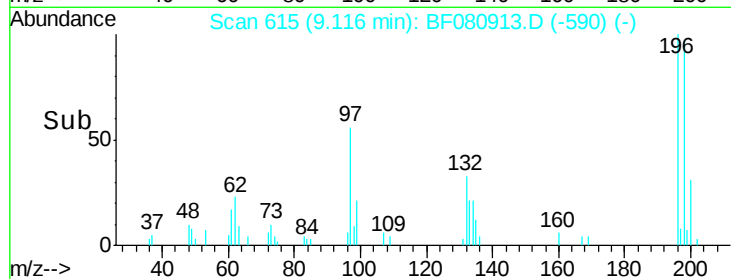
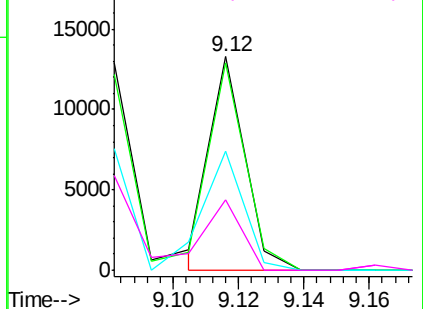
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

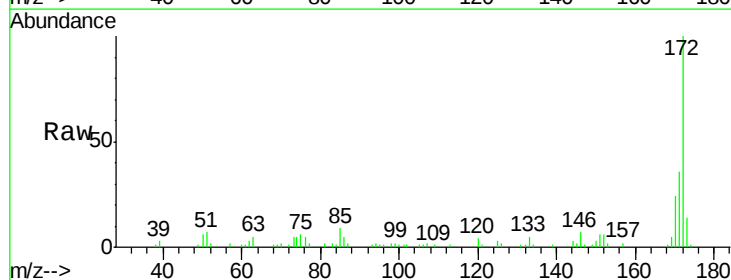
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 6.63 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.2	19.9	29.9

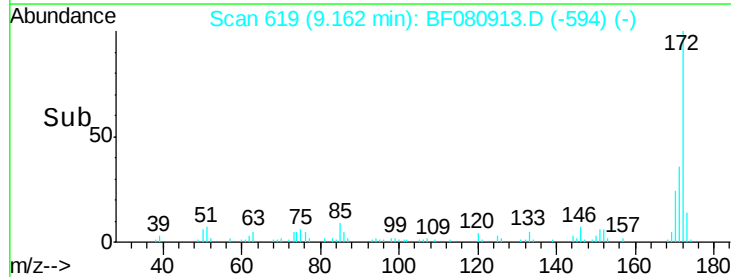
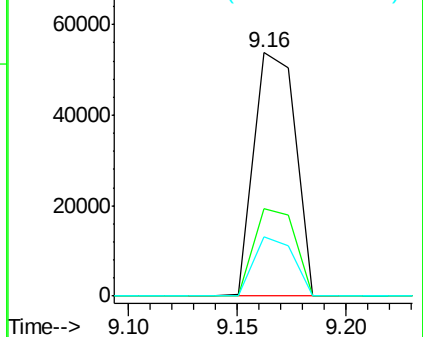


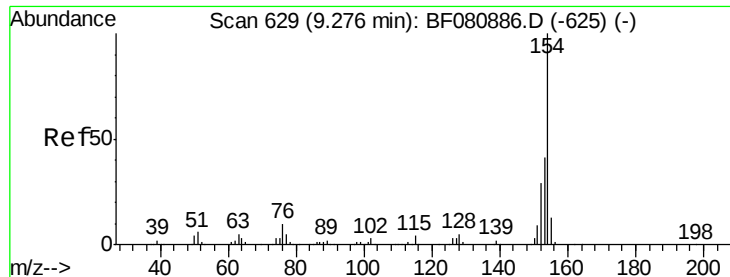
Abundance

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: 3.18 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

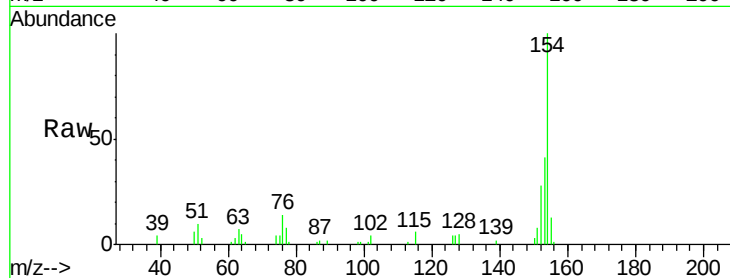
Tot Ion:154 Resp: 41518

Ion Ratio Lower Upper

154 100

153 41.2 20.8 60.8

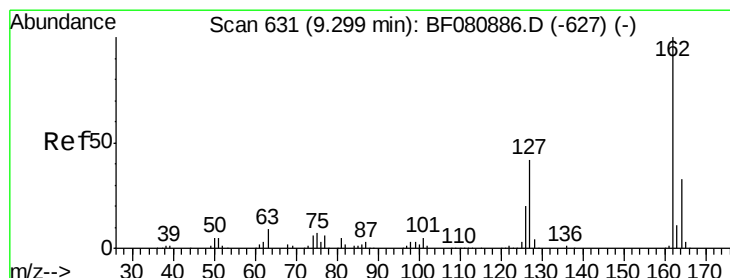
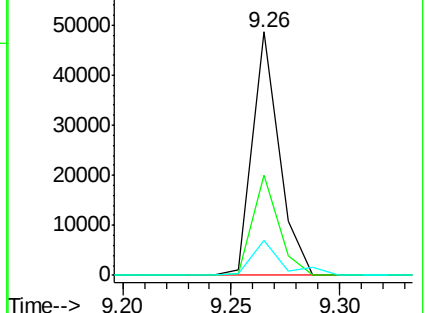
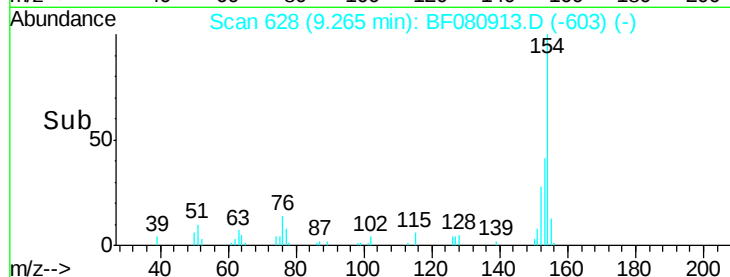
76 14.2 0.0 30.3



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: 3.11 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

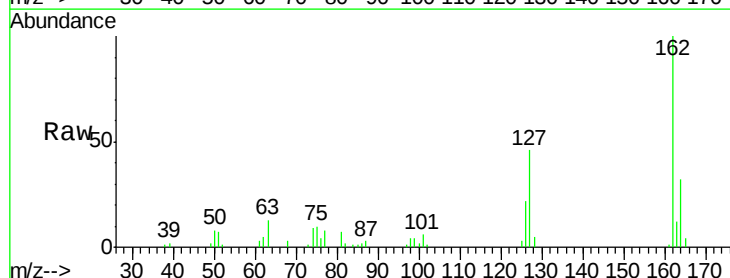
Tgt Ion:162 Resp: 31773

Ion Ratio Lower Upper

162 100

127 45.7 33.5 50.3

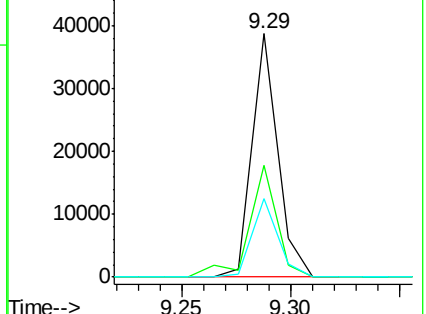
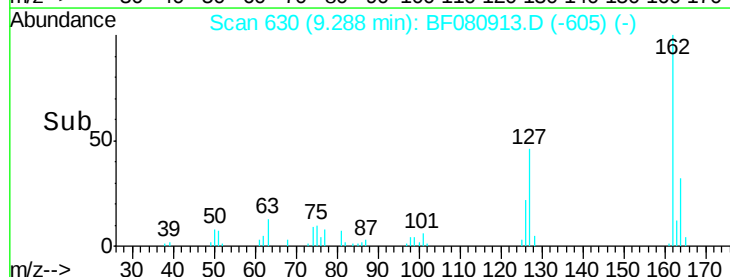
164 32.4 26.5 39.7

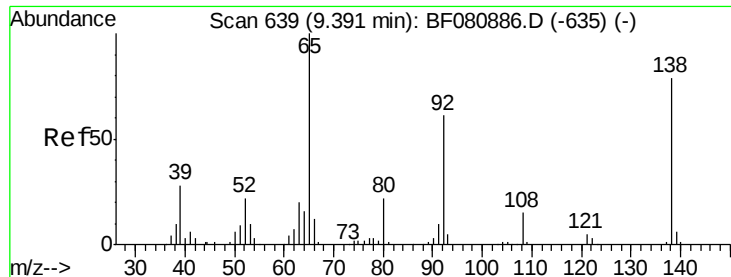


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

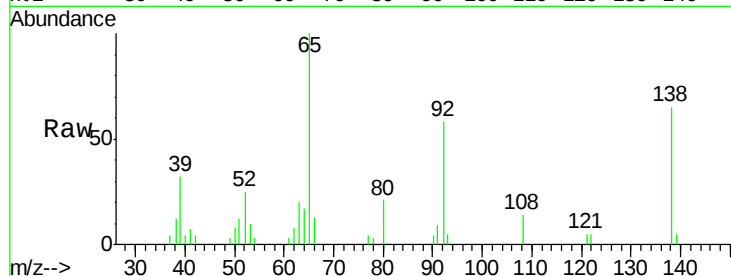




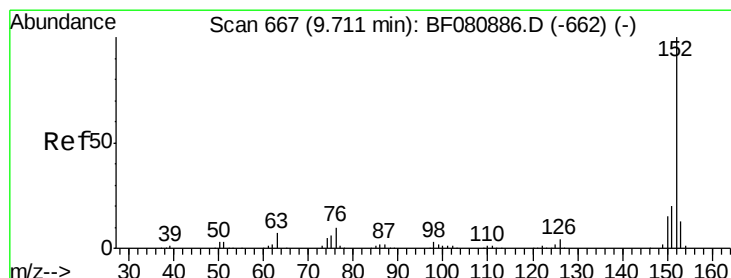
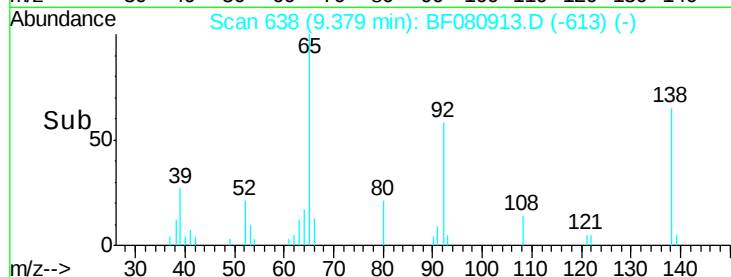
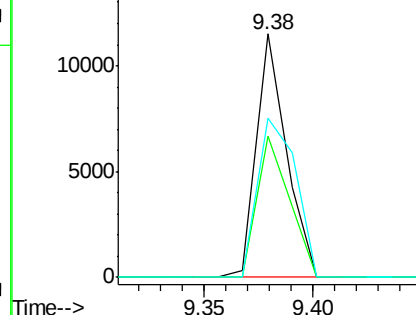
#47
2-Nitroaniline
Concen: 2.66 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 11049
Ion Ratio Lower Upper
65 100
92 58.0 48.5 72.7
138 65.2 63.3 94.9

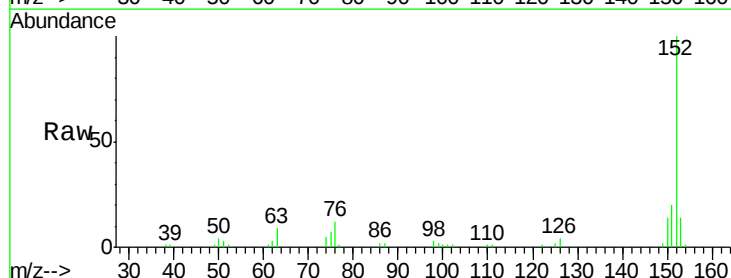


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

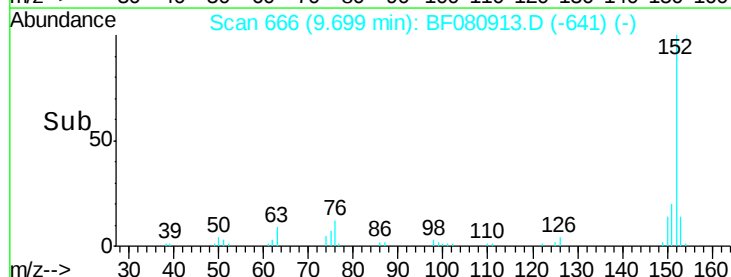
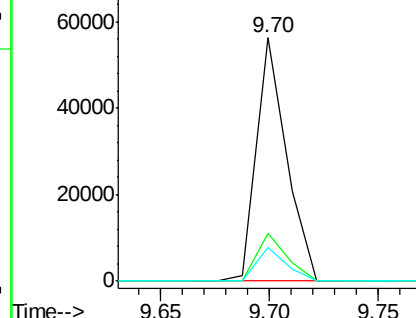


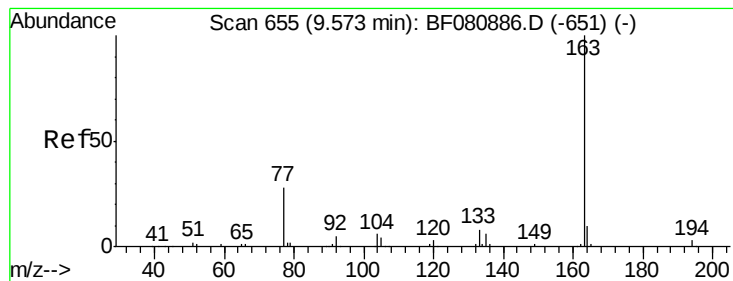
#48
Acenaphthylene
Concen: 3.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion: 152 Resp: 53823
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.9 10.6 16.0



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





#49

Dimethylphthalate

Concen: 3.13 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

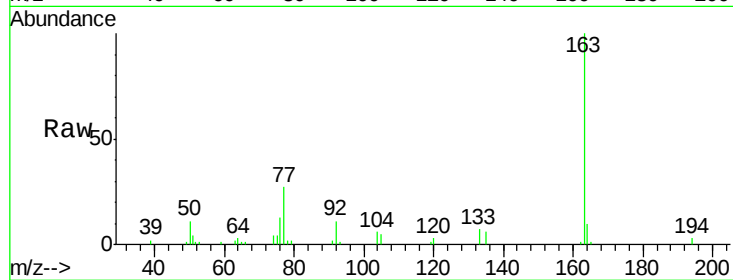
Tot Ion:163 Resp: 38446

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

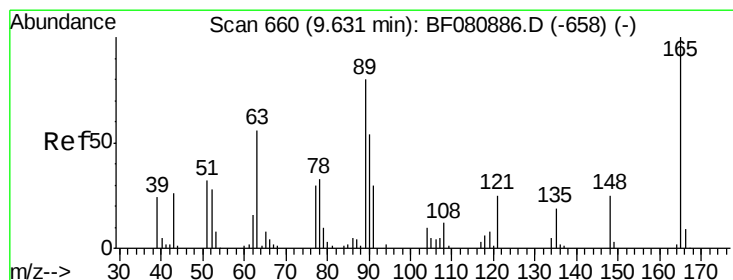
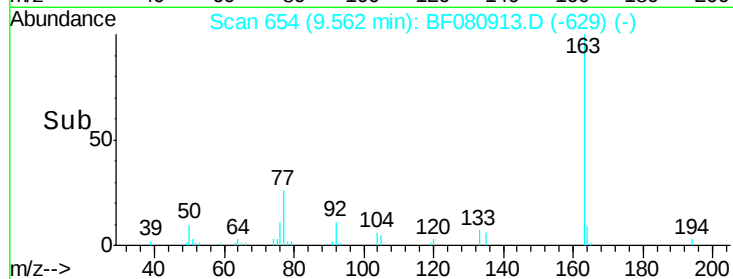
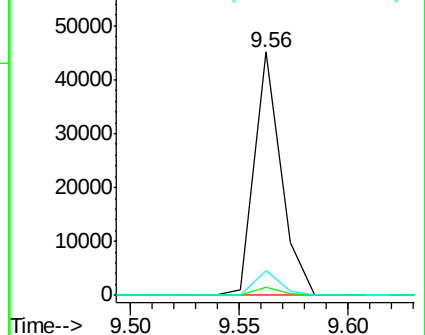
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.78 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

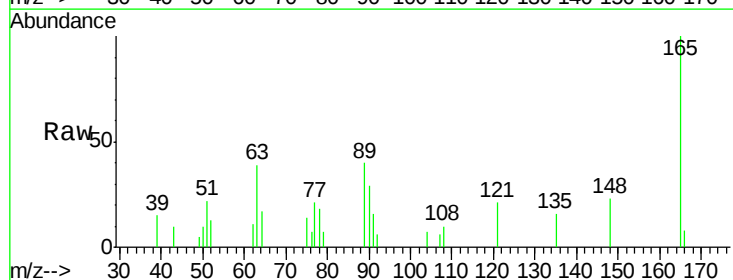
Tgt Ion:165 Resp: 7311

Ion Ratio Lower Upper

165 100

63 38.9 77.6 116.4#

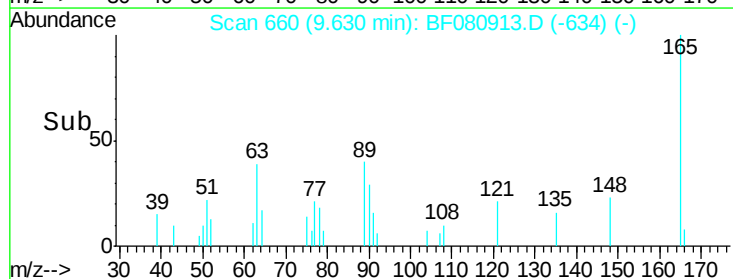
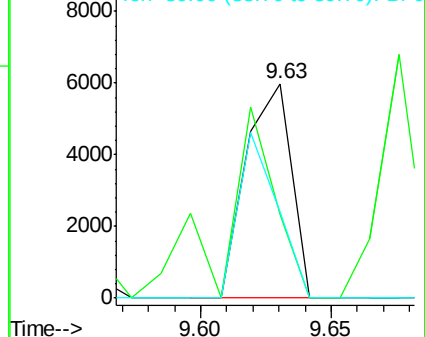
89 40.2 63.7 95.5#

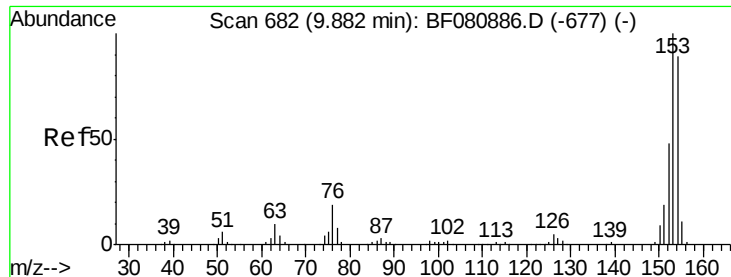


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.22 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

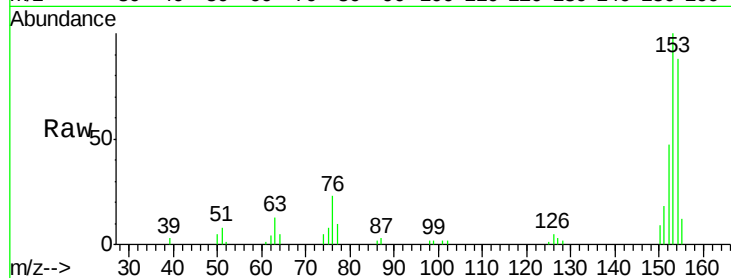
Tot Ion:154 Resp: 35028

Ion Ratio Lower Upper

154 100

153 113.5 90.4 135.6

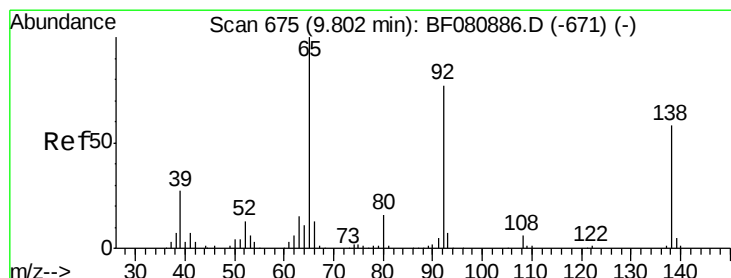
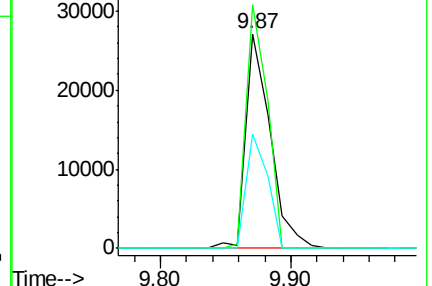
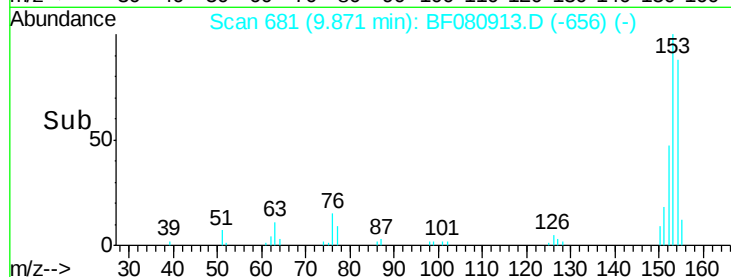
152 53.4 43.6 65.4



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: 2.67 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

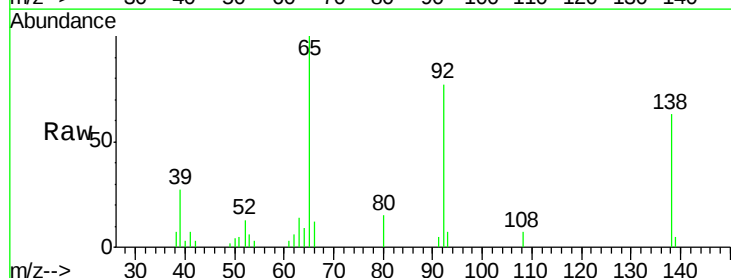
Tgt Ion:138 Resp: 8689

Ion Ratio Lower Upper

138 100

108 11.3 8.9 13.3

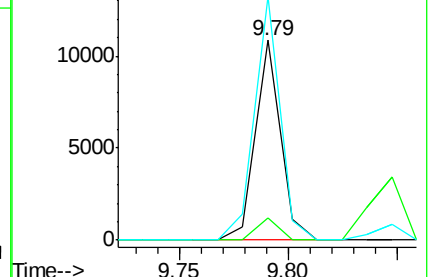
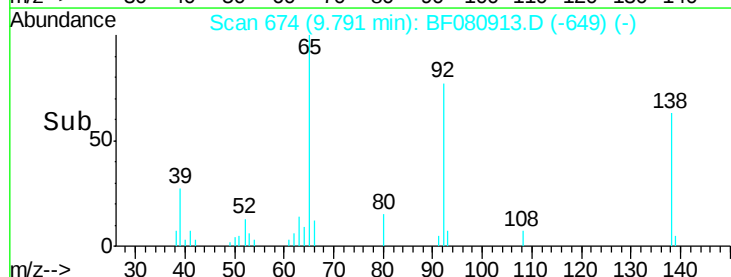
92 122.0 106.2 159.2

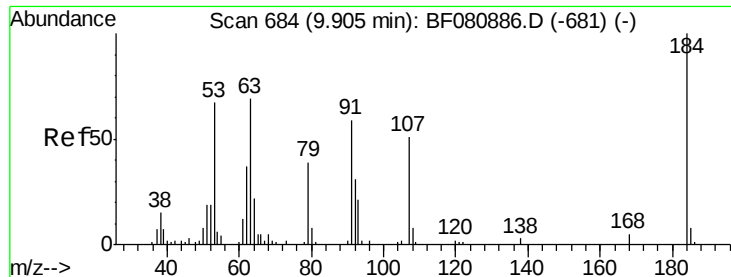


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

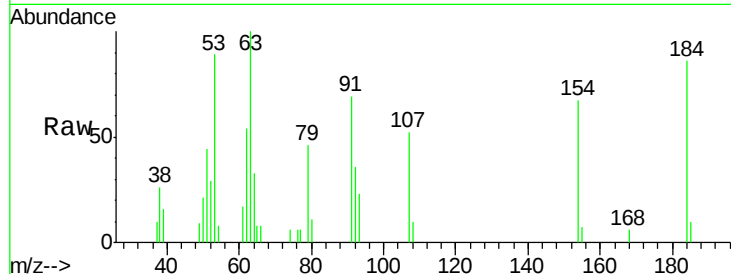




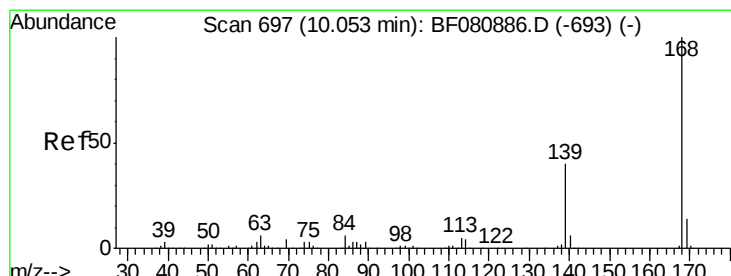
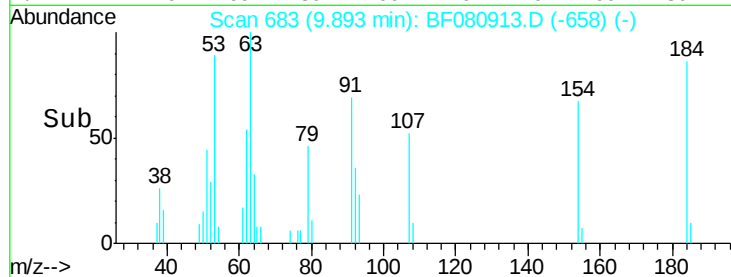
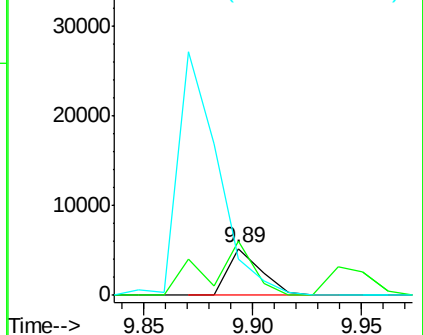
#53
2,4-Dinitrophenol
Concen: 3.81 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 5492
Ion Ratio Lower Upper
184 100
63 116.1 67.6 101.4#
154 77.3 54.3 81.5

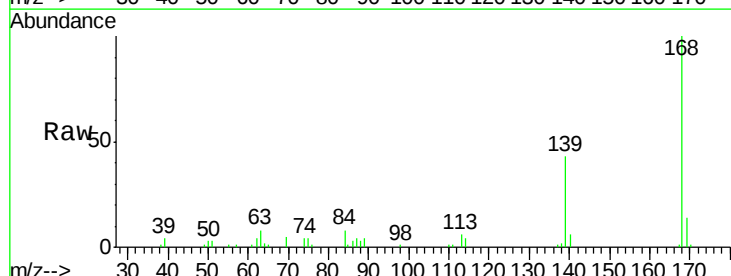


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

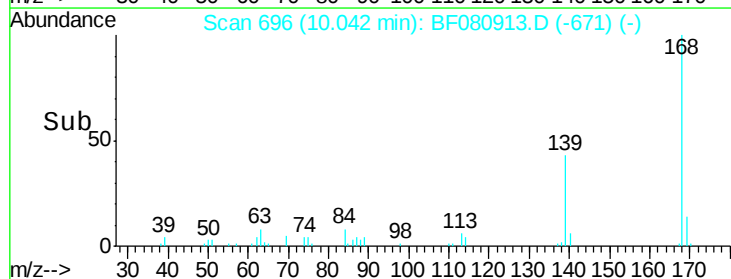
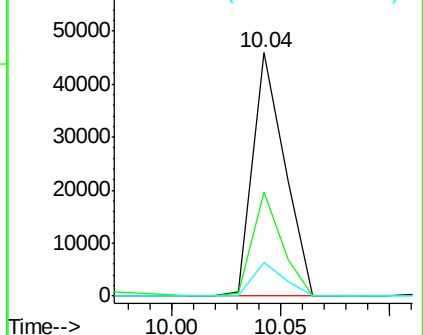


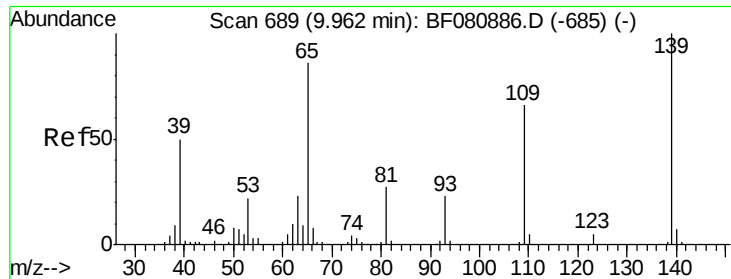
#54
Dibenzofuran
Concen: 3.18 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:168 Resp: 46892
Ion Ratio Lower Upper
168 100
139 42.7 31.8 47.8
169 14.0 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

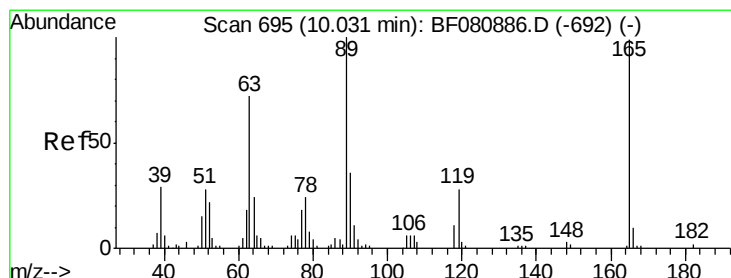
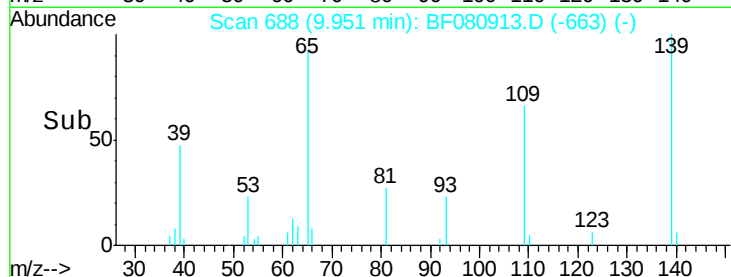
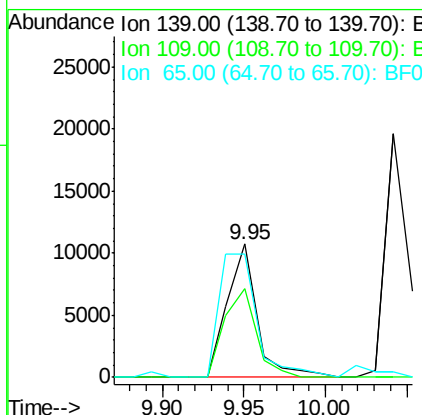
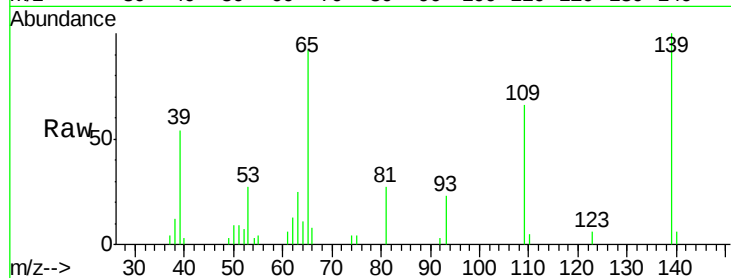




#55
4-Nitrophenol
Concen: 5.52 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

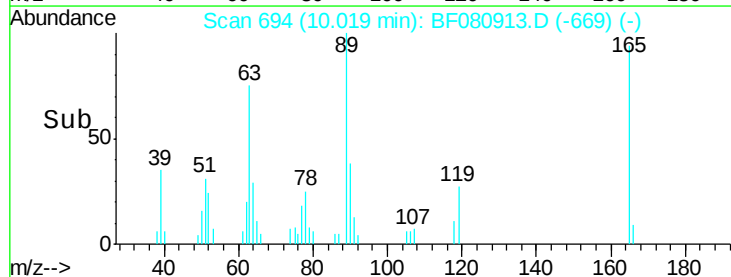
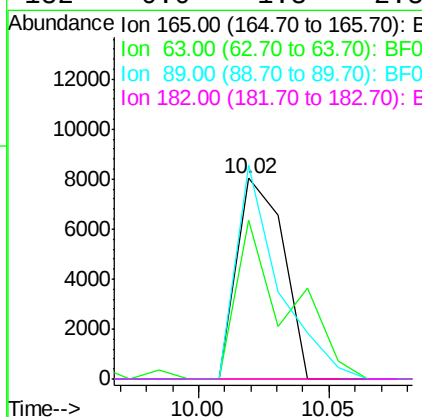
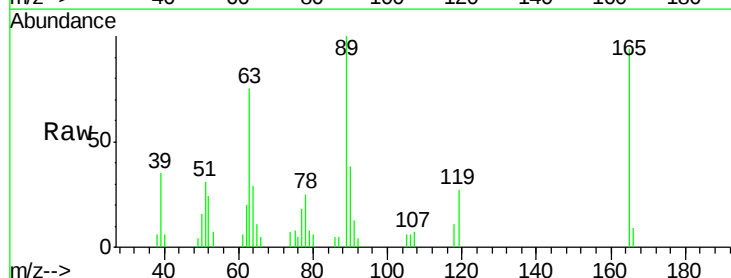
Instrument :
BNA_F
ClientSampled :

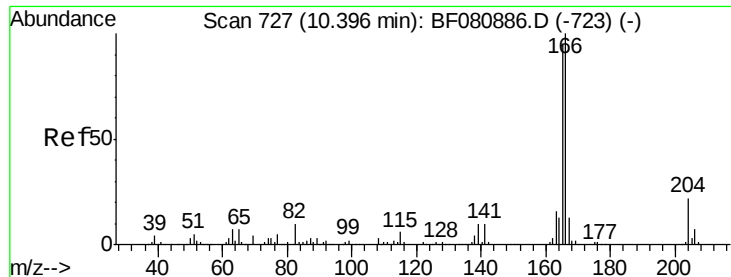
Tot Ion:139 Resp: 13538
Ion Ratio Lower Upper
139 100
109 66.1 46.4 86.4
65 92.5 65.6 105.6



#56
2,4-Dinitrotoluene
Concen: 2.82 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:165 Resp: 9985
Ion Ratio Lower Upper
165 100
63 79.4 58.6 87.8
89 106.5 80.7 121.1
182 0.0 1.8 2.8#





#57

Fluorene

Concen: 3.30 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampled :

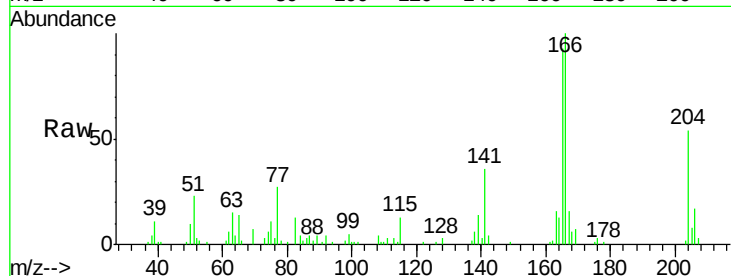
Tot Ion:166 Resp: 38042

Ion Ratio Lower Upper

166 100

165 92.8 75.9 113.9

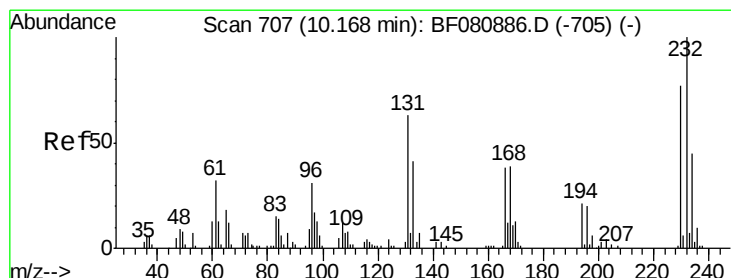
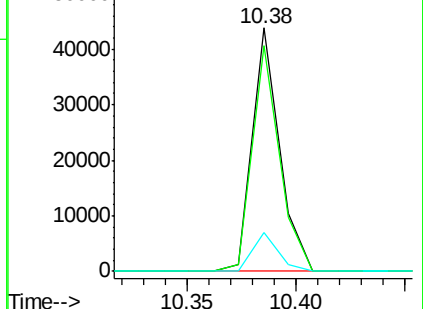
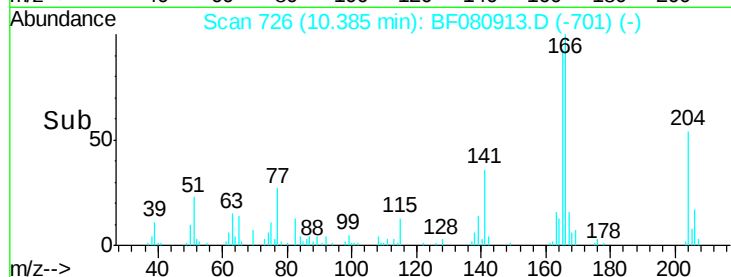
167 16.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.97 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Tgt Ion:232 Resp: 8341

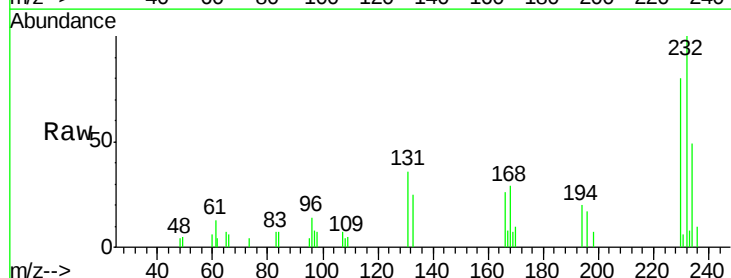
Ion Ratio Lower Upper

232 100

131 49.0 44.9 67.3

130 0.0 1.9 2.9#

166 32.1 27.2 40.8

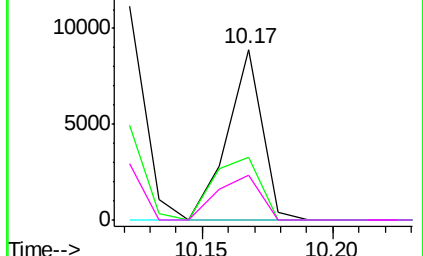
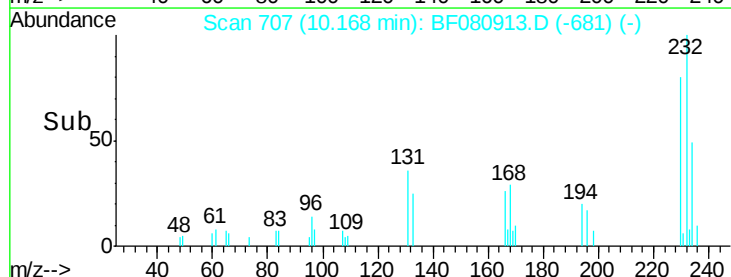


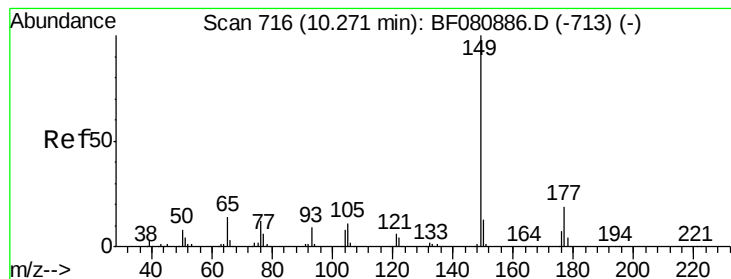
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 2.99 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

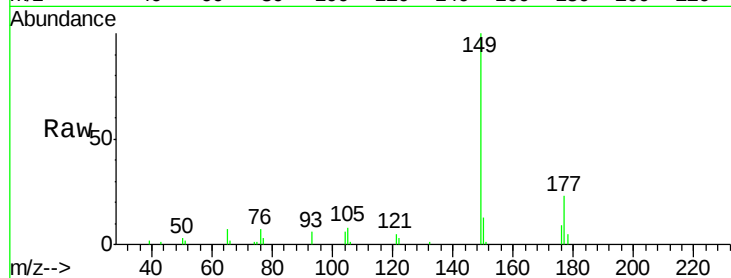
Tot Ion:149 Resp: 39974

Ion Ratio Lower Upper

149 100

177 23.2 14.9 22.3#

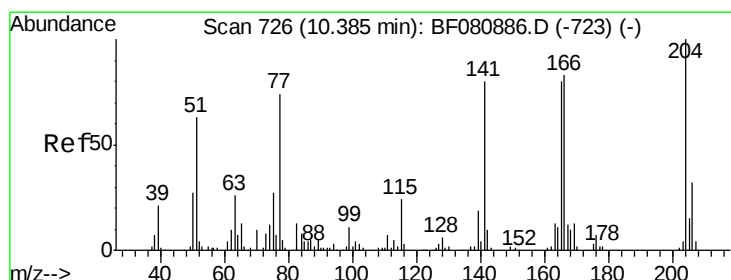
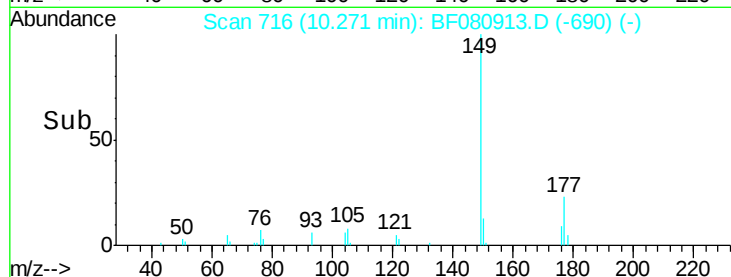
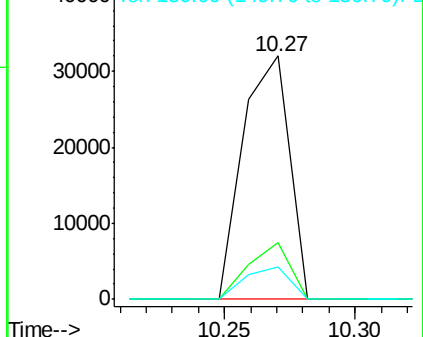
150 13.2 10.1 15.1



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: 3.44 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

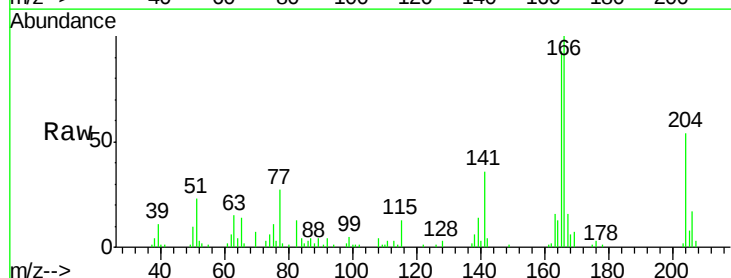
Tgt Ion:204 Resp: 18606

Ion Ratio Lower Upper

204 100

206 31.9 25.8 38.6

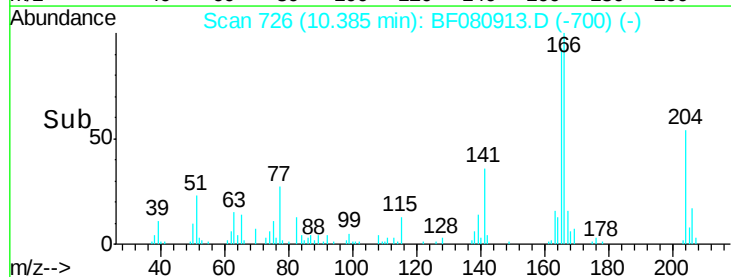
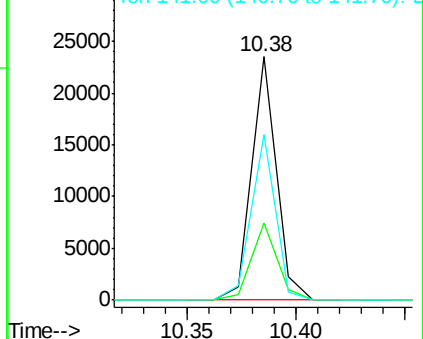
141 67.7 63.8 95.6

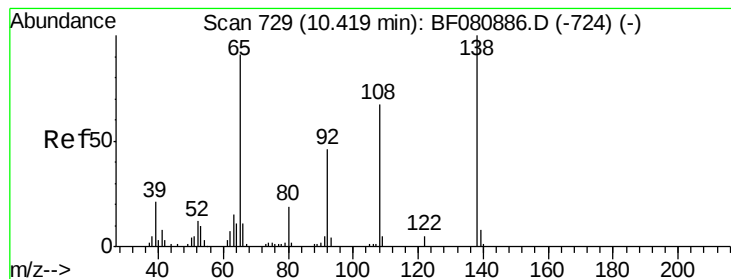


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 2.79 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampled :

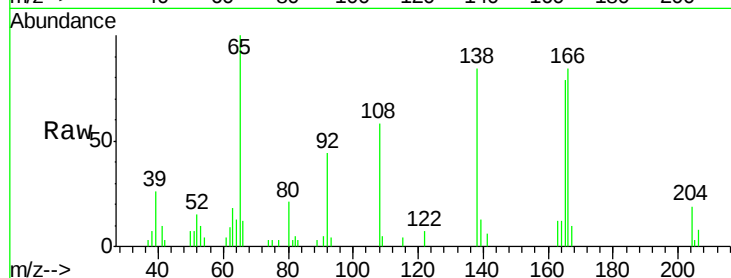
Tot Ion:138 Resp: 9299

Ion Ratio Lower Upper

138 100

92 51.7 25.6 65.6

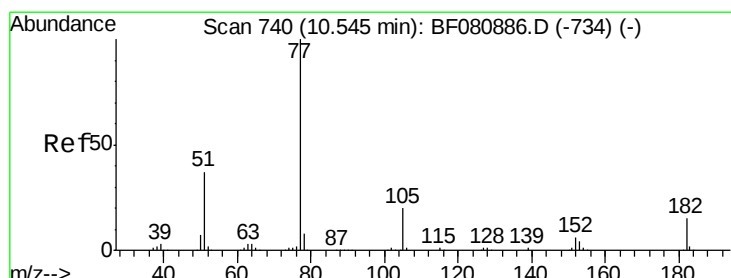
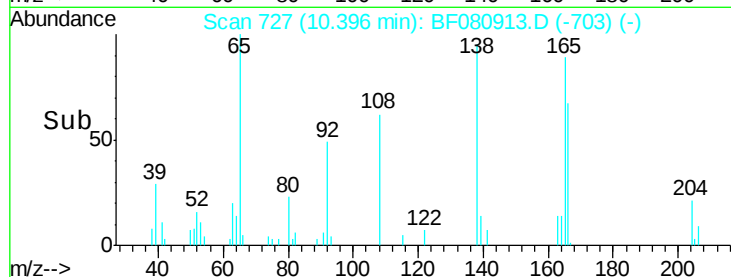
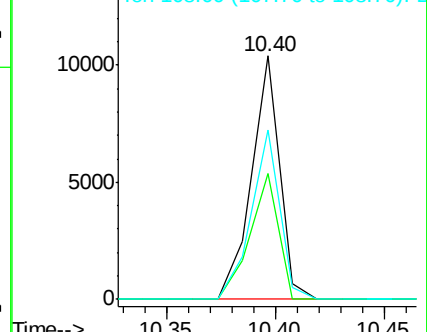
108 69.4 46.9 86.9



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: 3.13 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Tgt Ion: 77 Resp: 45809

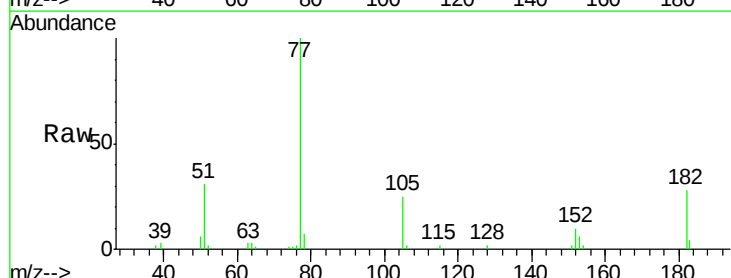
Ion Ratio Lower Upper

77 100

182 28.1 0.0 34.5

105 25.1 0.2 40.2

51 31.0 16.7 56.7

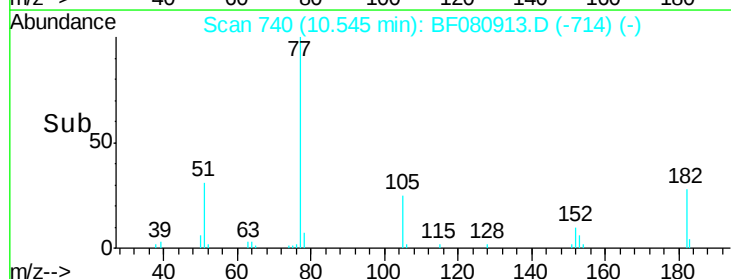
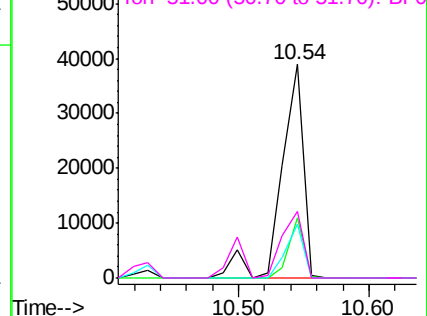


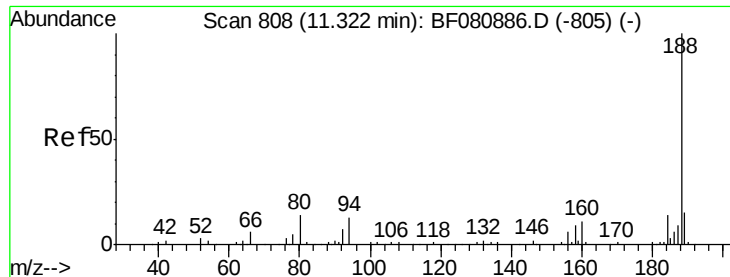
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

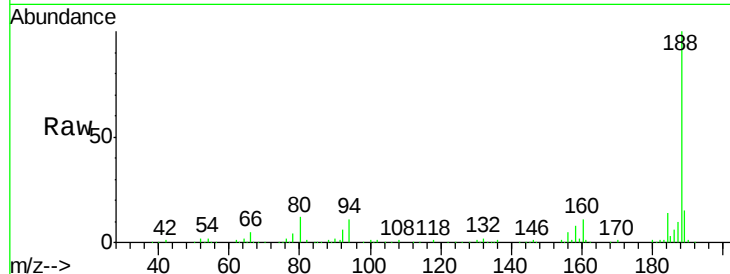




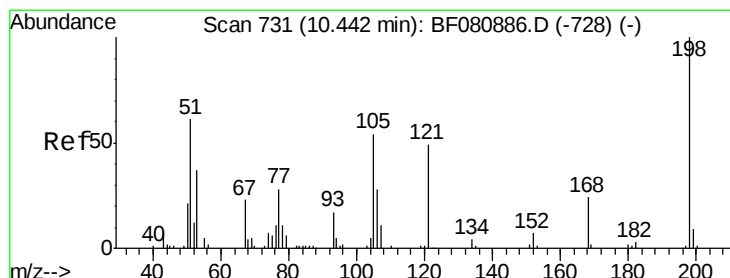
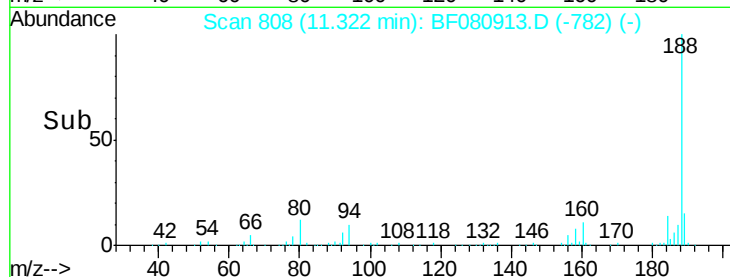
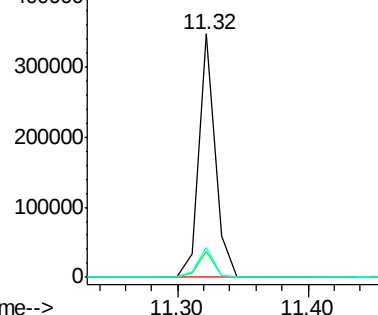
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 303749
Ion Ratio Lower Upper
188 100
94 10.8 10.2 15.2
80 12.2 11.4 17.2

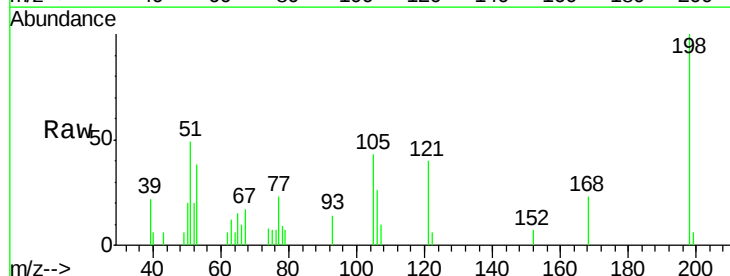


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

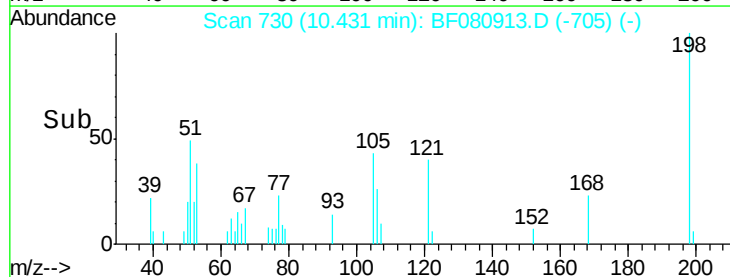
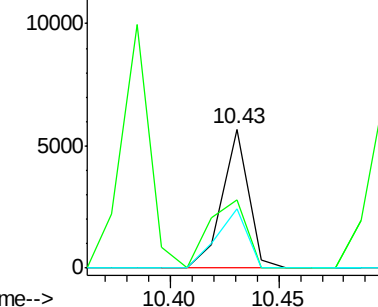


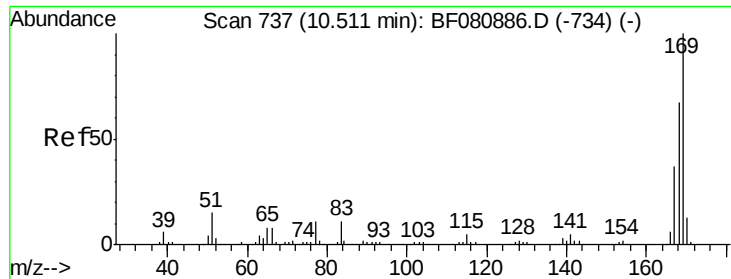
#64
4,6-Dinitro-2-methylphenol
Concen: 2.43 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:198 Resp: 4802
Ion Ratio Lower Upper
198 100
51 49.3 47.9 87.9
105 42.6 35.0 75.0



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

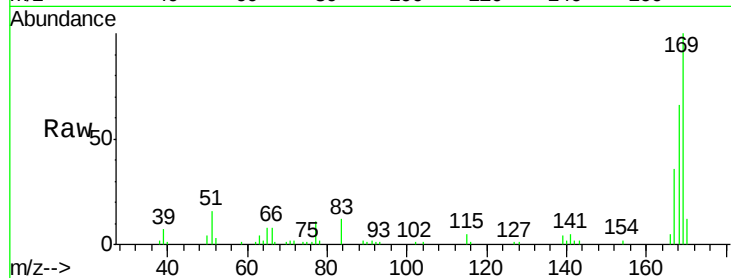




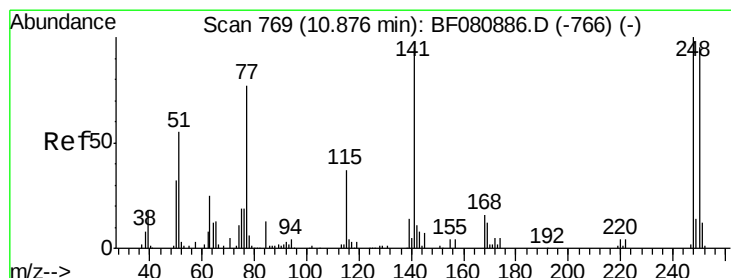
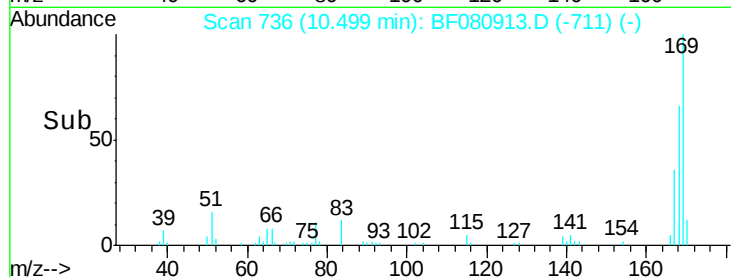
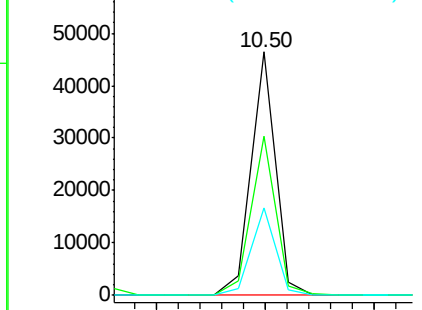
#65
 n-Nitrosodiphenylamine
 Concen: 3.34 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 36093
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.0 81.0
 167 35.8 29.8 44.8

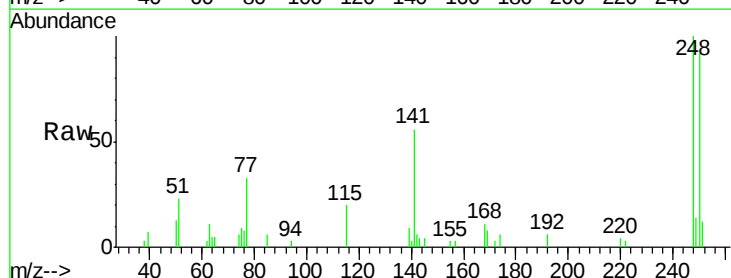


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

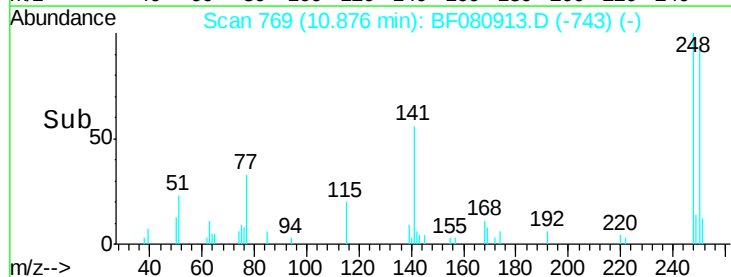
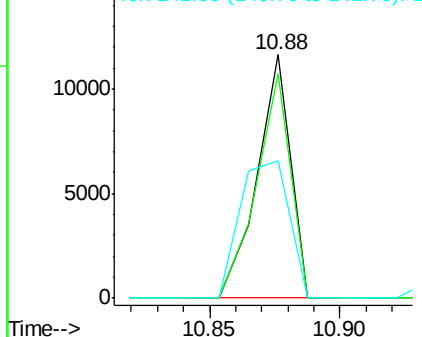


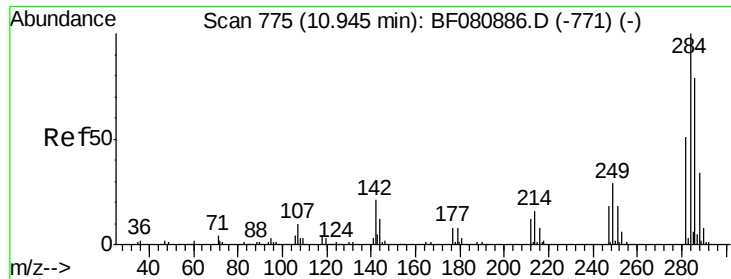
#66
 4-Bromophenyl-phenylether
 Concen: 3.15 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:248 Resp: 10396
 Ion Ratio Lower Upper
 248 100
 250 92.0 75.9 113.9
 141 56.4 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

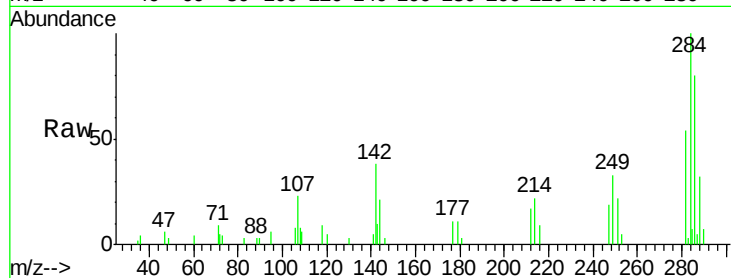




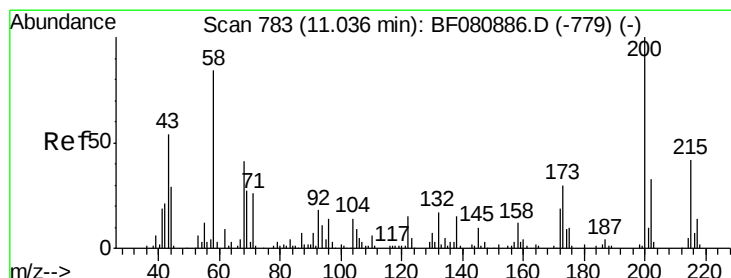
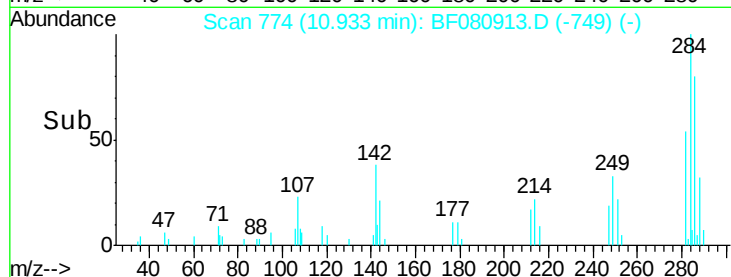
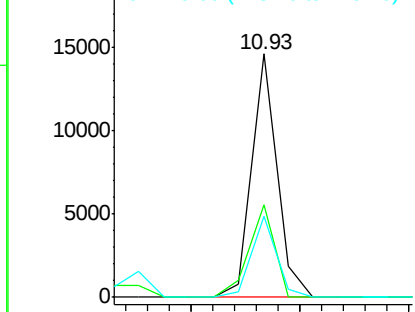
#67
Hexachlorobenzene
Concen: 3.31 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 11825
Ion Ratio Lower Upper
284 100
142 38.2 16.4 24.6#
249 33.2 23.1 34.7

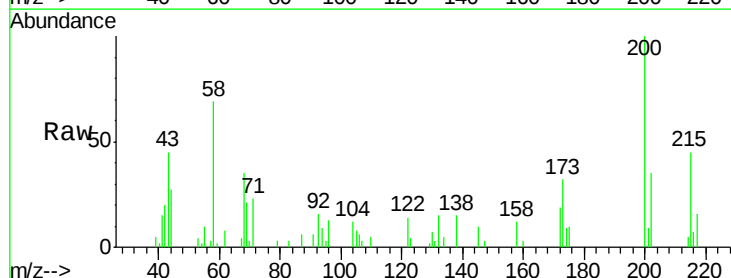


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

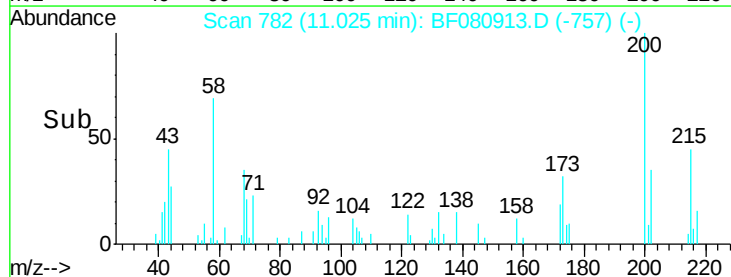
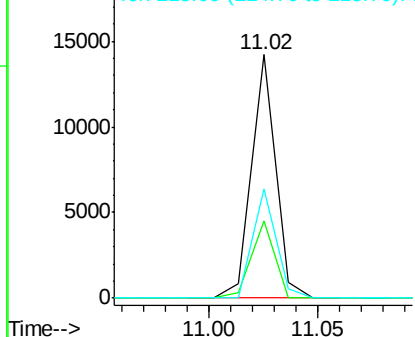


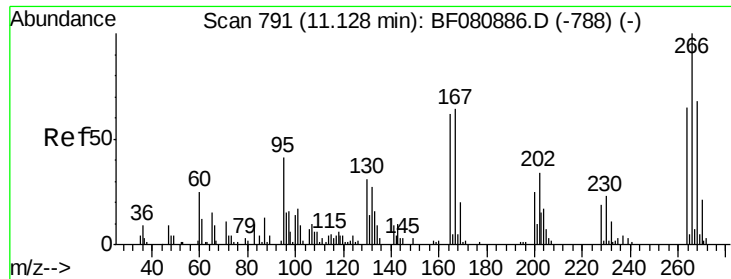
#68
Atrazine
Concen: 3.51 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF080913.D
Acq: 7 Aug 2015 4:44

Tgt Ion:200 Resp: 10959
Ion Ratio Lower Upper
200 100
173 31.8 10.0 50.0
215 45.1 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

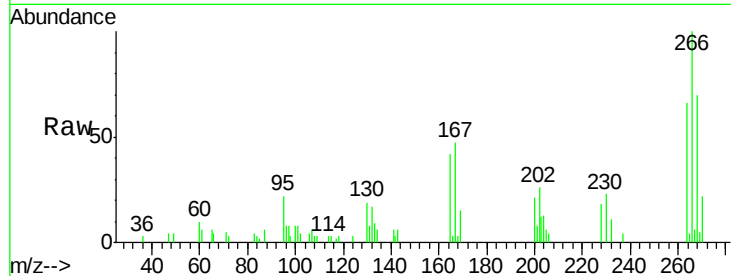




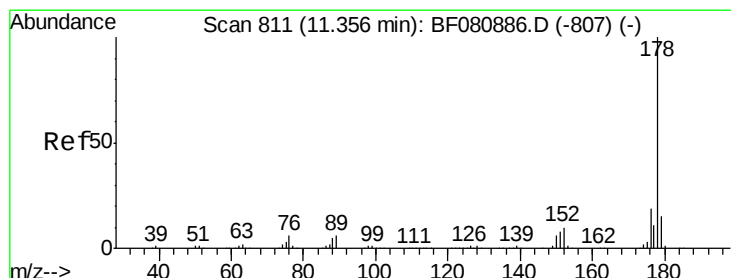
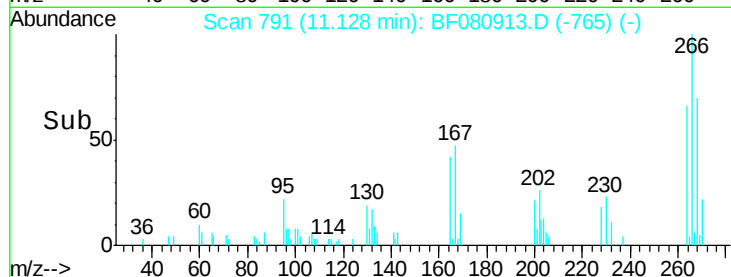
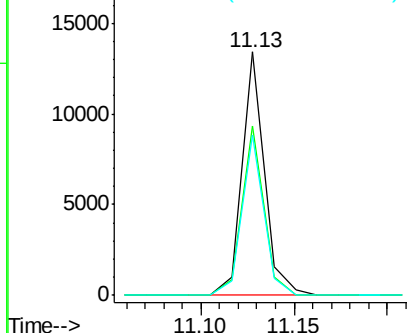
#69
 Pentachlorophenol
 Concen: 5.60 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 11201
 Ion Ratio Lower Upper
 266 100
 268 69.5 54.1 81.1
 264 65.8 51.6 77.4

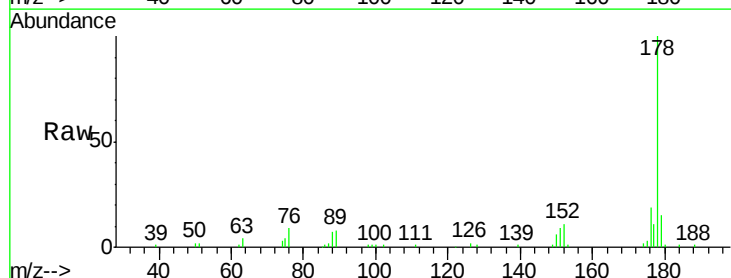


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

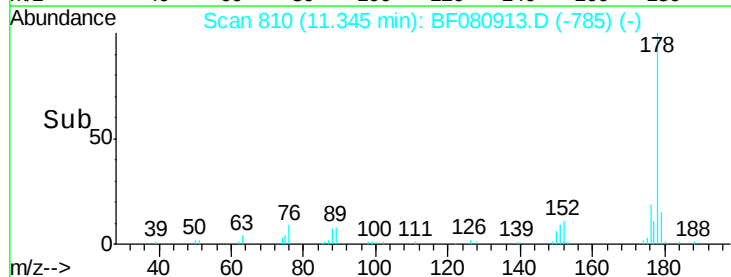
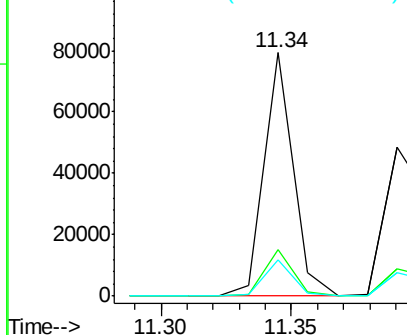


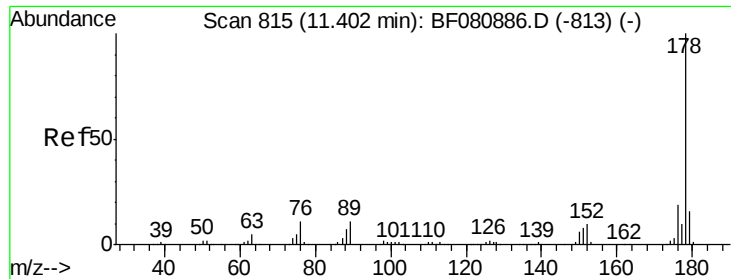
#70
 Phenanthrene
 Concen: 3.48 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:178 Resp: 61874
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 14.9 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

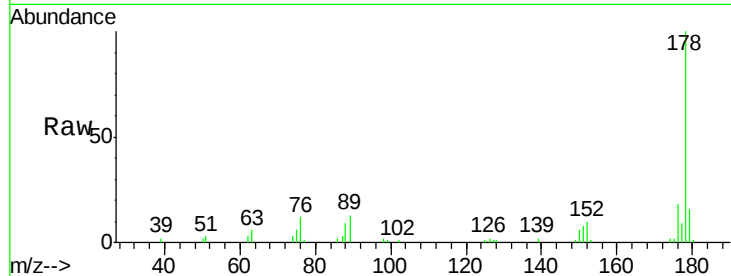




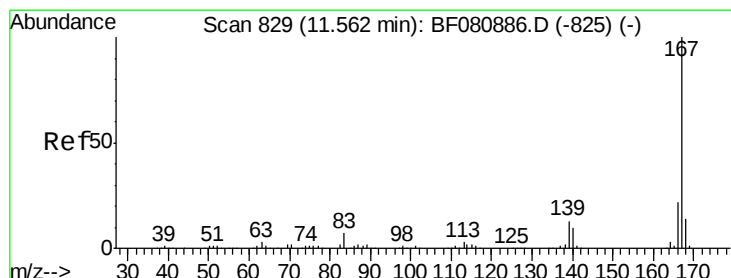
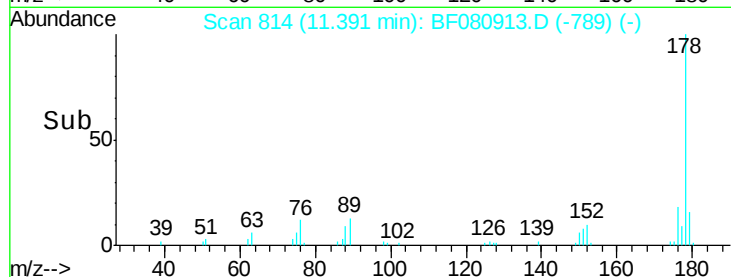
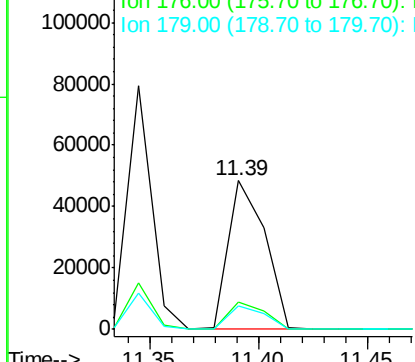
#71
 Anthracene
 Concen: 3.25 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 56835
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.3 22.9
 179 15.8 12.5 18.7

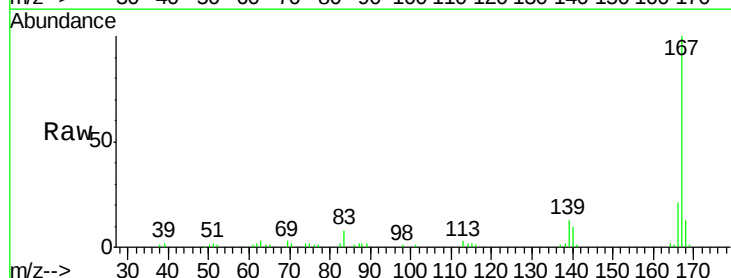


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

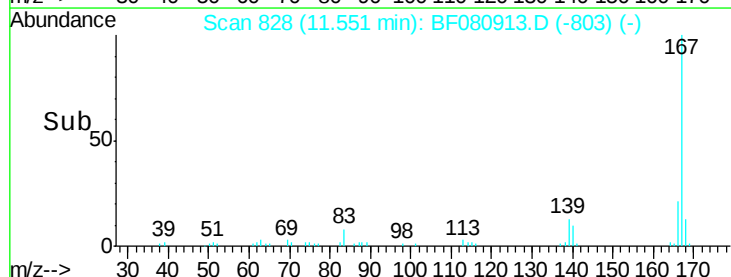
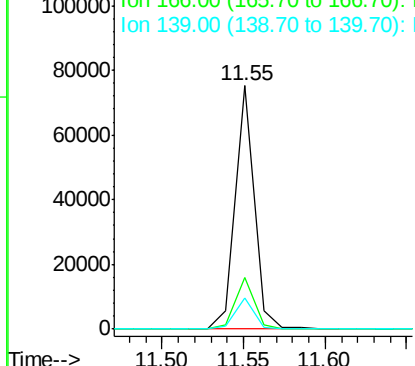


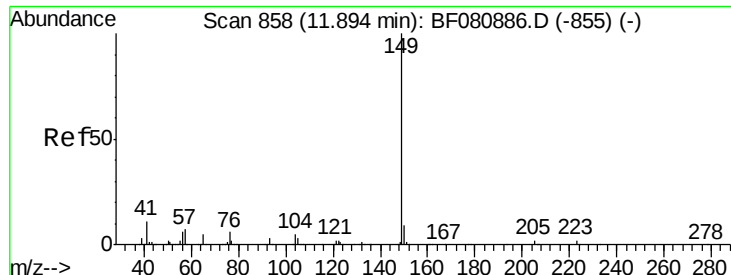
#72
 Carbazole
 Concen: 3.40 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:167 Resp: 60113
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 12.6 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: 3.34 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampled :

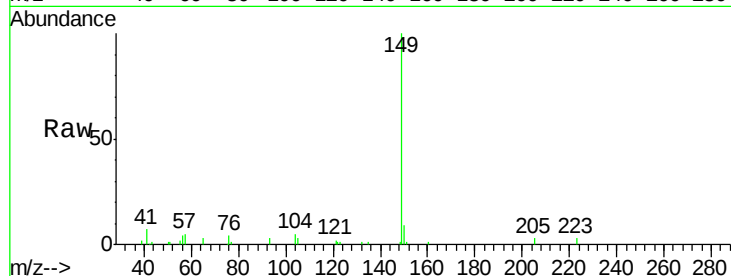
Tot Ion:149 Resp: 71968

Ion Ratio Lower Upper

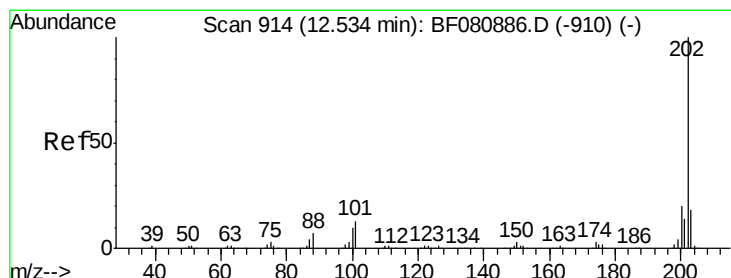
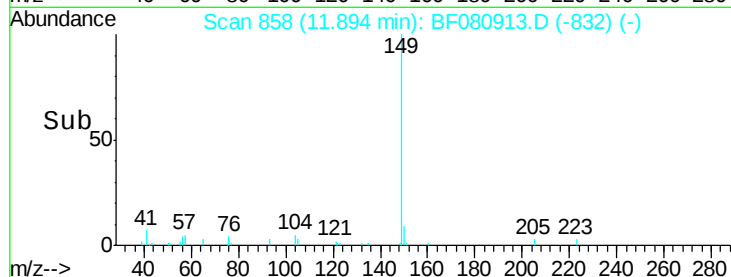
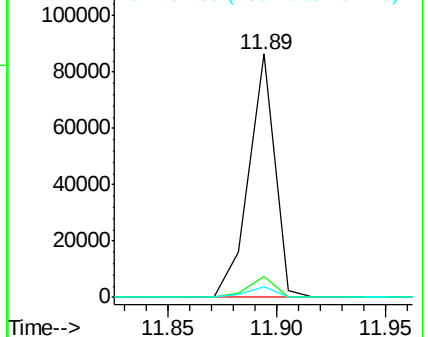
149 100

150 8.7 7.6 11.4

104 4.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 3.19 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

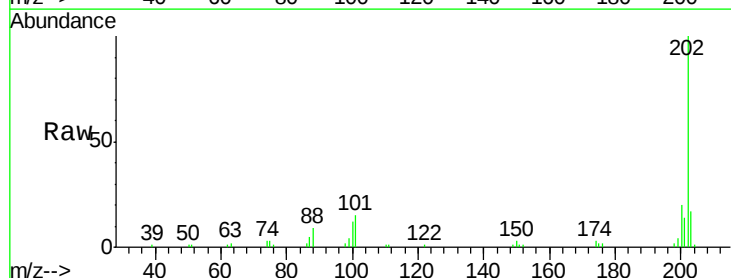
Tgt Ion:202 Resp: 61905

Ion Ratio Lower Upper

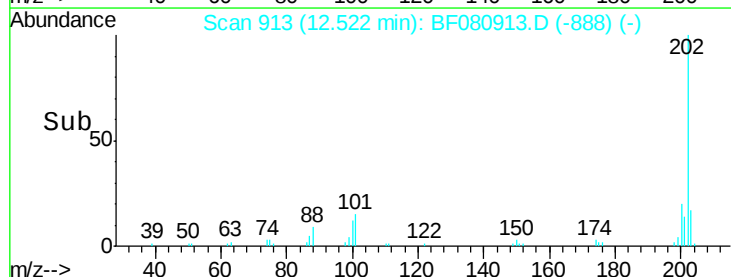
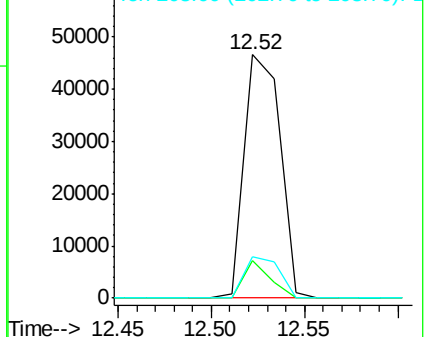
202 100

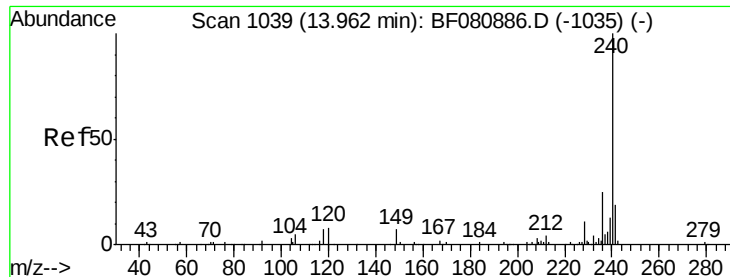
101 15.4 0.0 32.7

203 17.2 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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

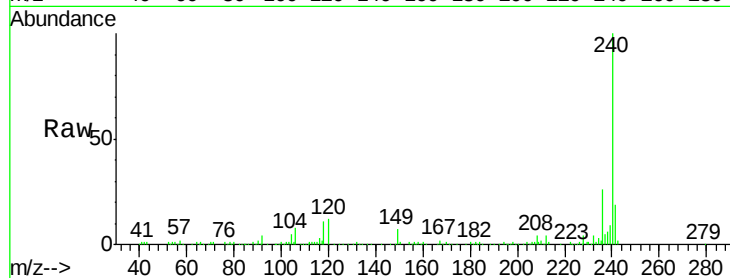
Tot Ion:240 Resp: 272221

Ion Ratio Lower Upper

240 100

120 11.8 6.4 9.6#

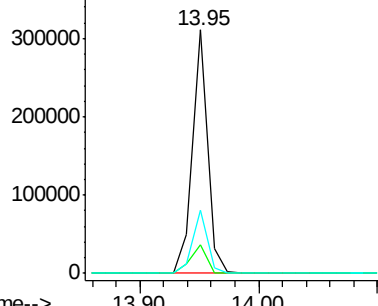
236 26.1 20.2 30.4



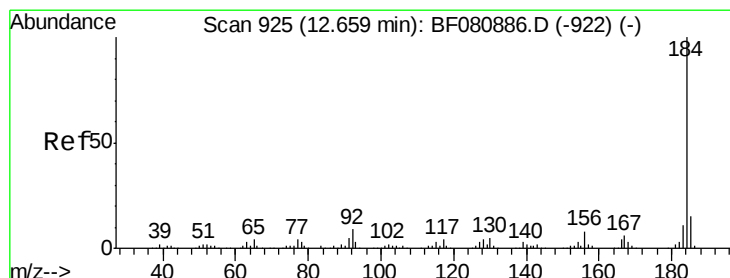
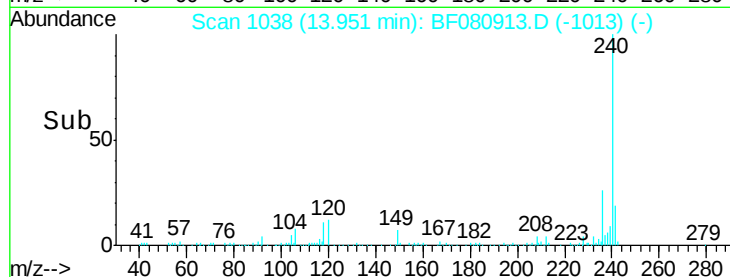
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 3.08 ng

RT: 12.65 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

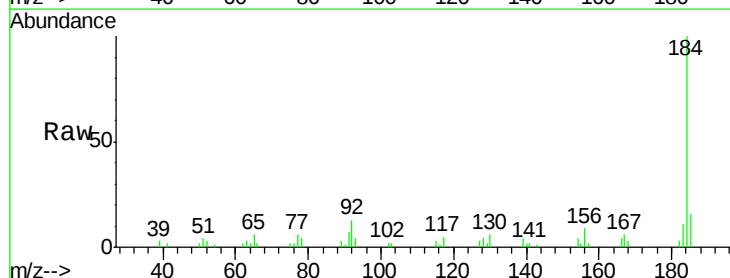
Tgt Ion:184 Resp: 34206

Ion Ratio Lower Upper

184 100

185 15.9 12.4 18.6

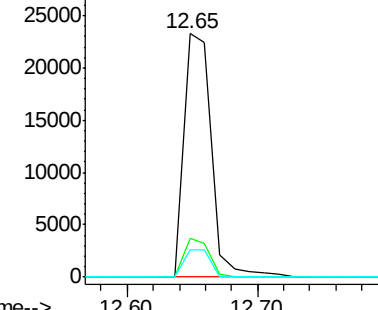
183 11.5 8.9 13.3



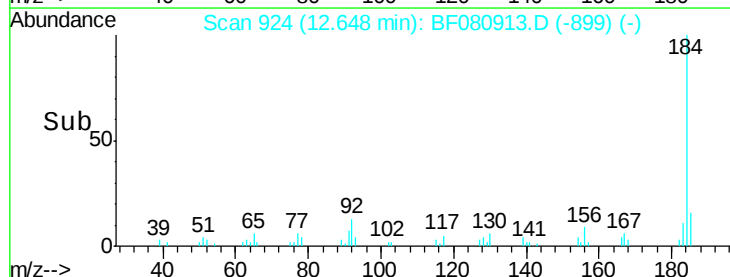
Abundance Ion 184.00 (183.70 to 184.70): E

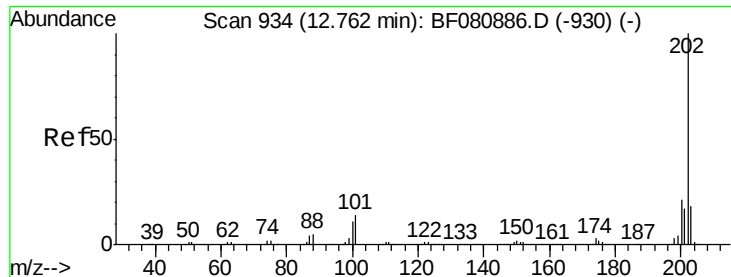
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





#77

Pvrene

Concen: 3.25 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

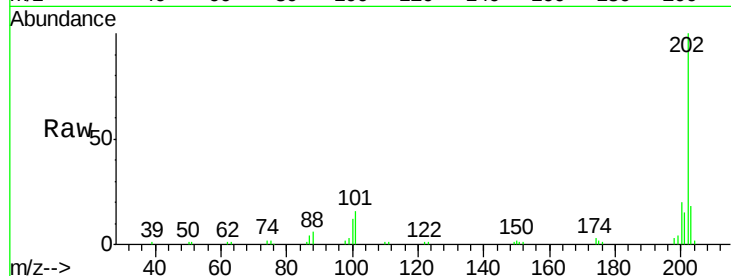
Tot Ion:202 Resp: 65688

Ion Ratio Lower Upper

202 100

200 20.0 16.6 24.8

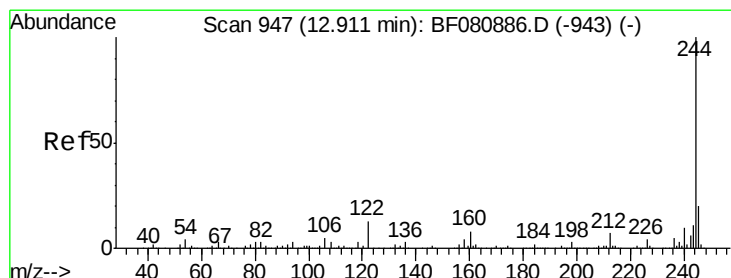
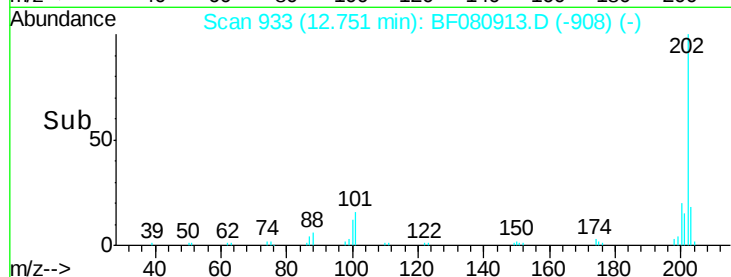
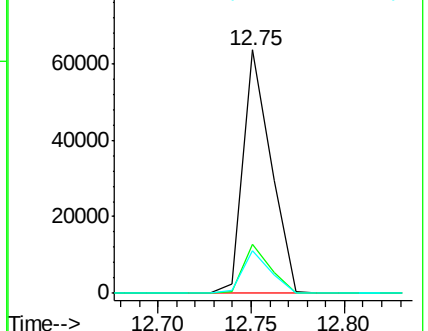
203 17.5 14.3 21.5



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: 6.70 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

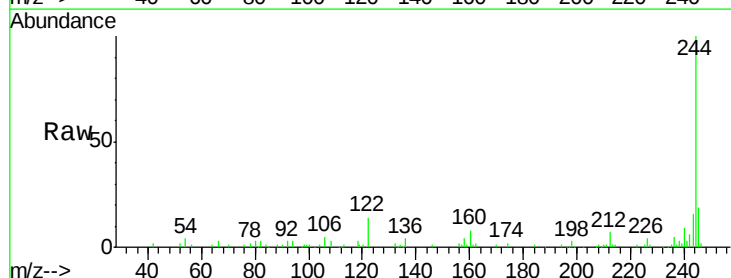
Tgt Ion:244 Resp: 86576

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

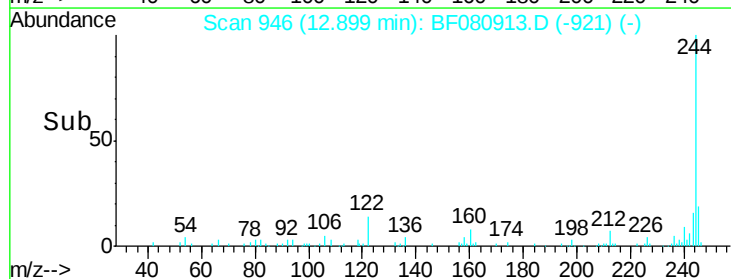
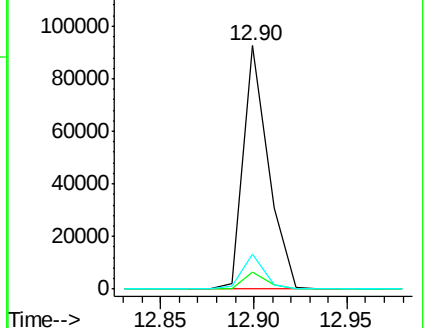
122 14.3 10.6 16.0

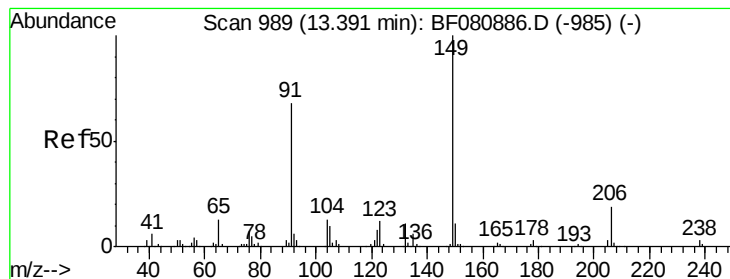


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.02 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampled :

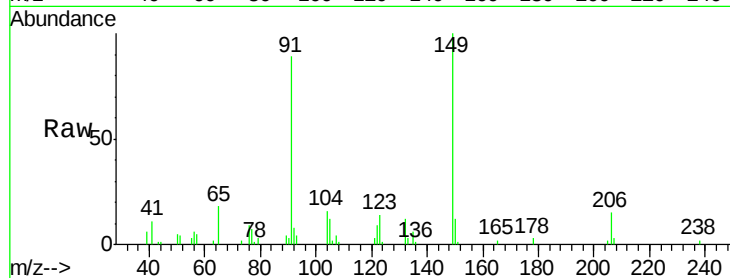
Tot Ion:149 Resp: 29196

Ion Ratio Lower Upper

149 100

91 88.7 54.0 81.0#

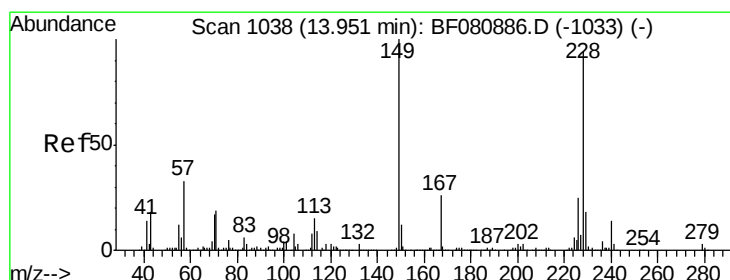
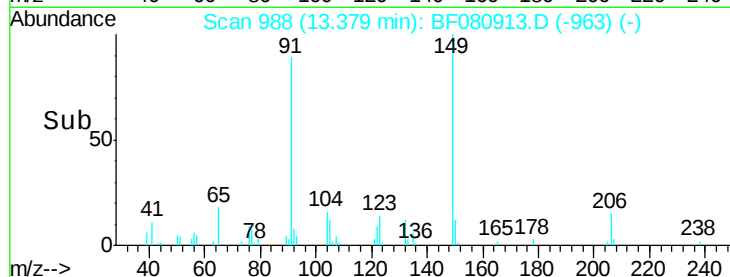
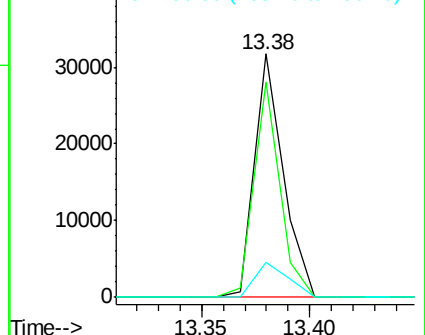
206 14.5 15.1 22.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.43 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

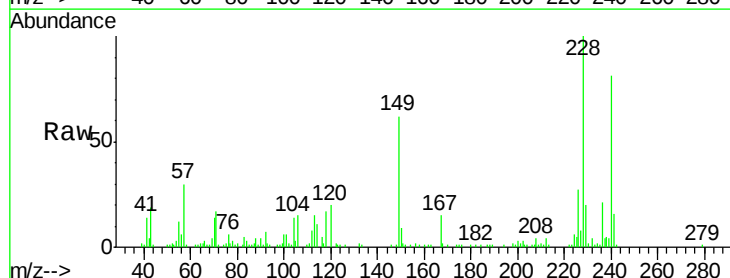
Tgt Ion:228 Resp: 61073

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.2

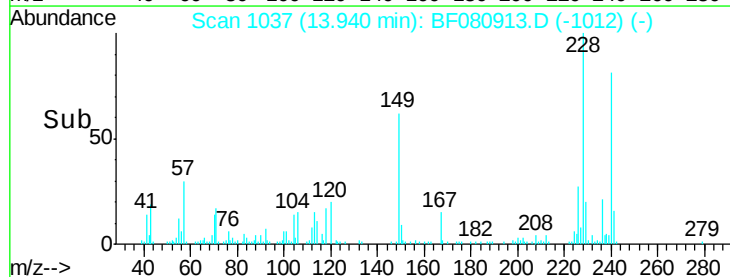
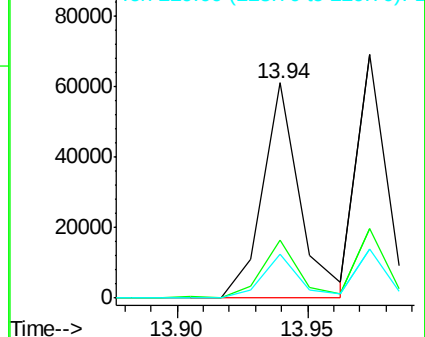
229 20.5 14.9 22.3

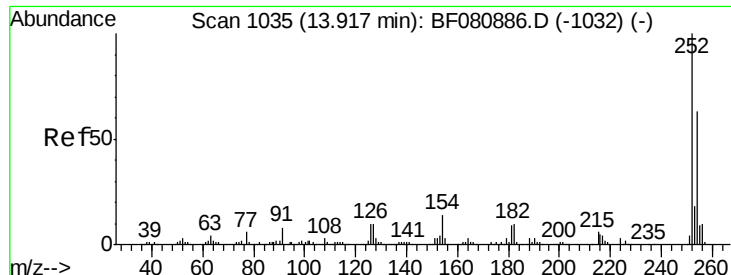


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

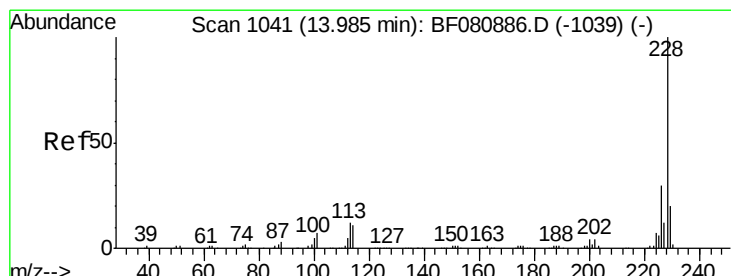
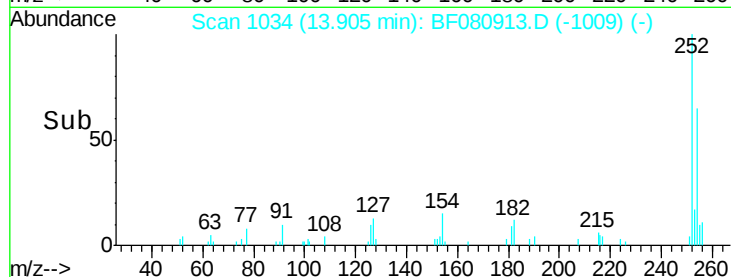
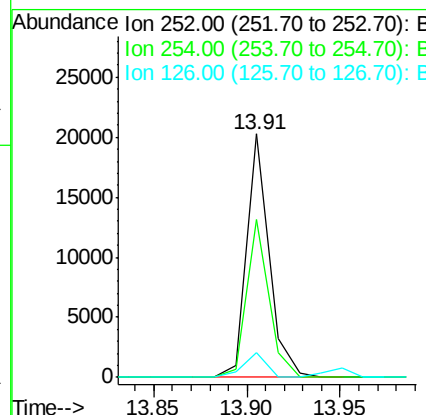
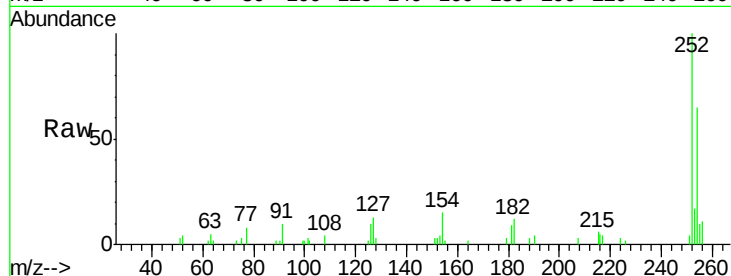




#81
 3,3'-Dichlorobenzidine
 Concen: 2.56 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

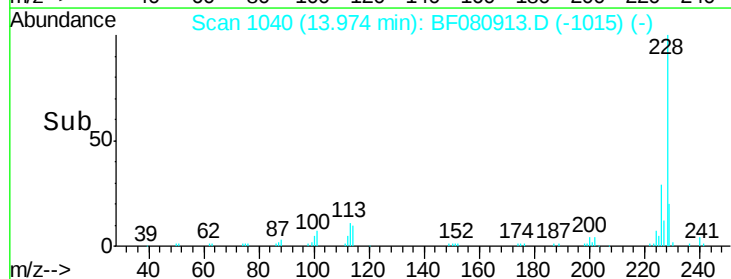
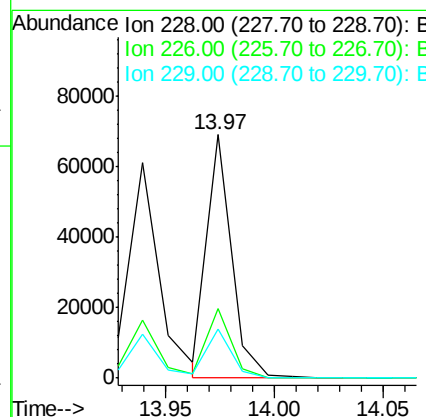
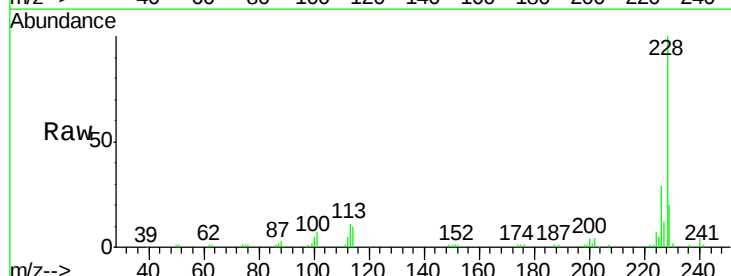
Instrument :
 BNA_F
 ClientSampled :

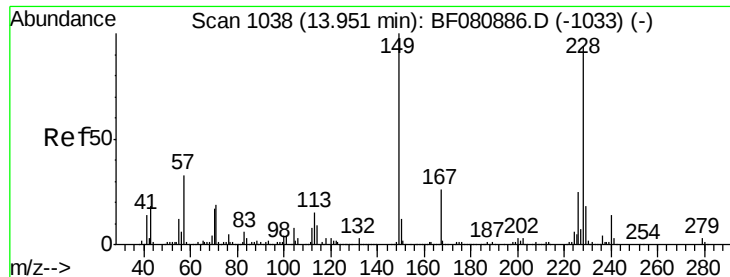
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.0	75.0
126	10.4	8.1	12.1



#82
 Chrysene
 Concen: 3.21 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.2	36.2
229	20.0	16.2	24.2

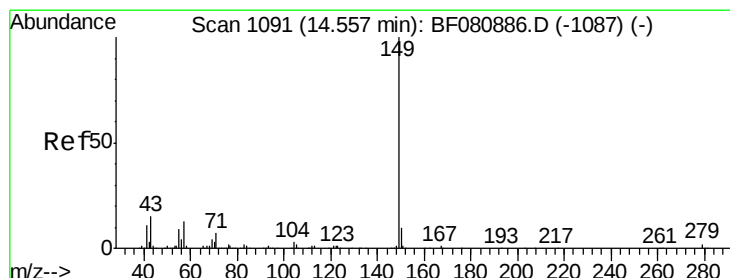
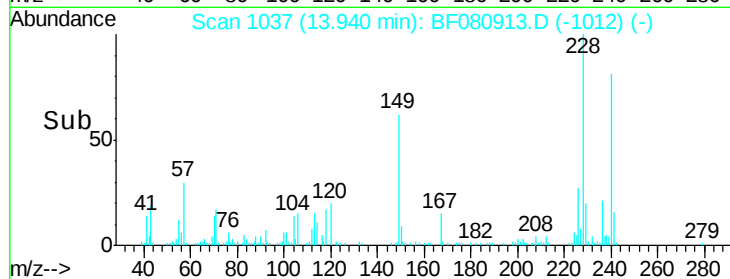
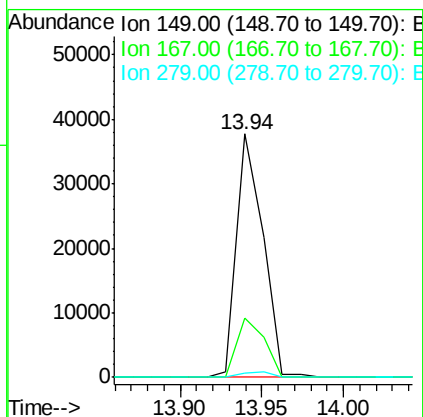
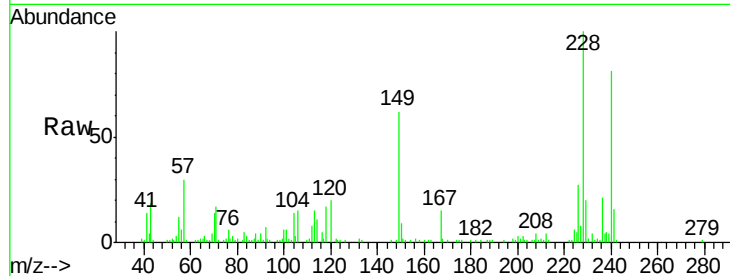




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.16 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

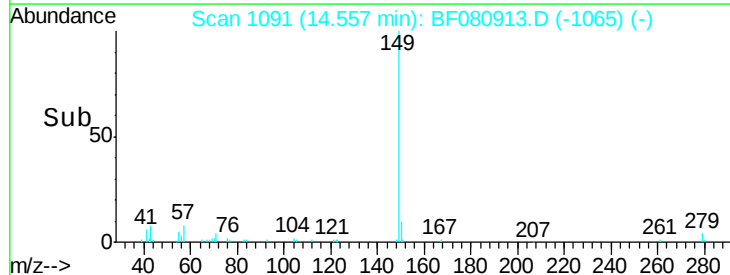
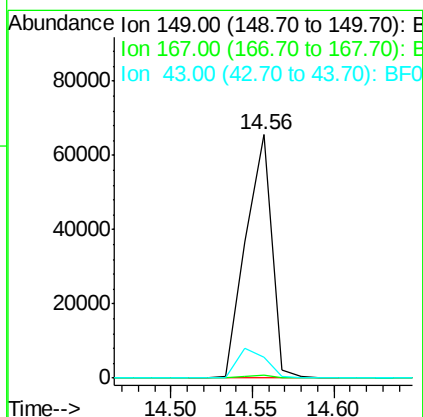
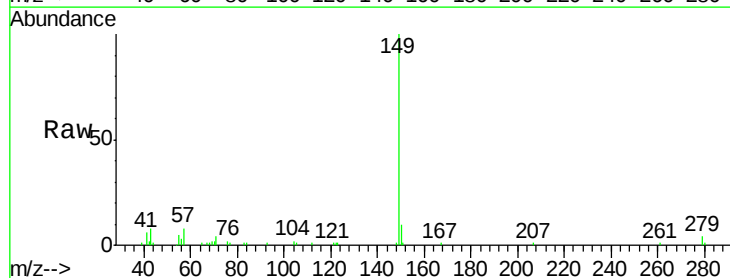
Instrument :
 BNA_F
 ClientSampleId :

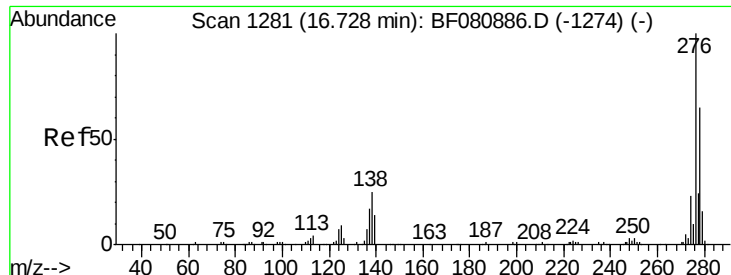
Tot Ion:149 Resp: 41868
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.6 31.0
 279 1.5 2.4 3.6#



#84
 Di-n-octyl phthalate
 Concen: 3.08 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:149 Resp: 72085
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.1 1.7
 43 13.1 11.5 17.3

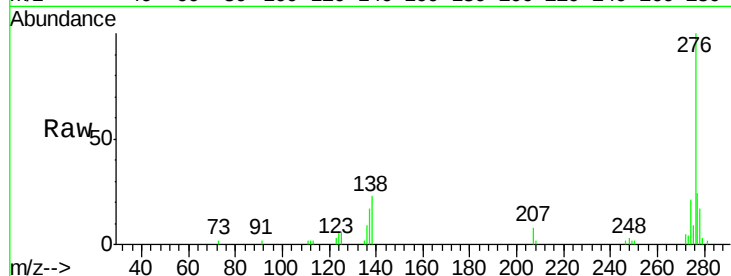




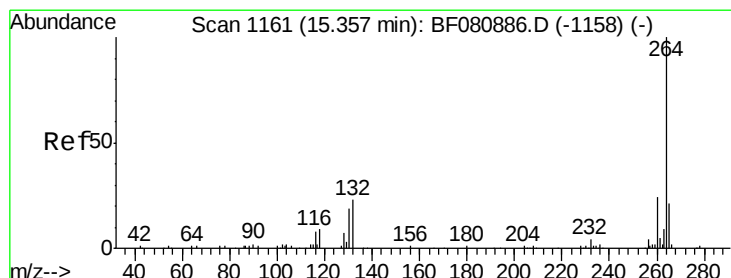
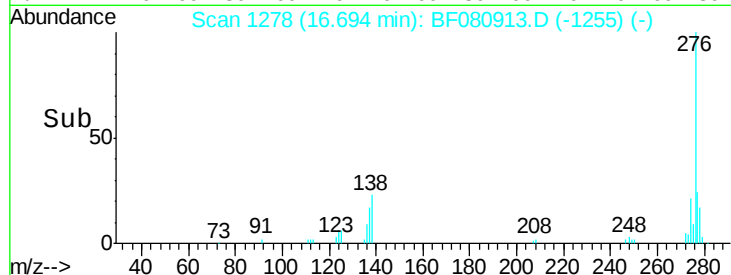
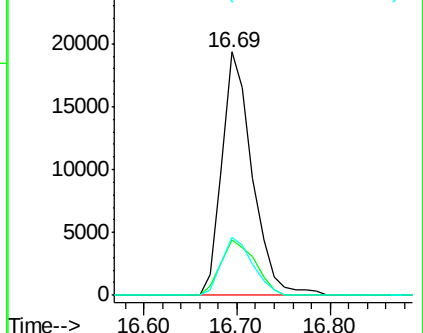
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.65 ng
 RT: 16.69 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 43924
 Ion Ratio Lower Upper
 276 100
 138 25.8 20.7 31.1
 277 24.2 19.4 29.0

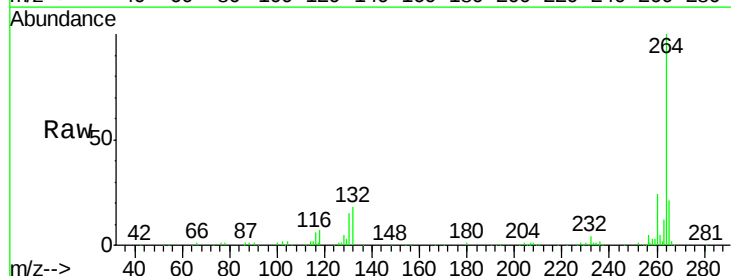


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

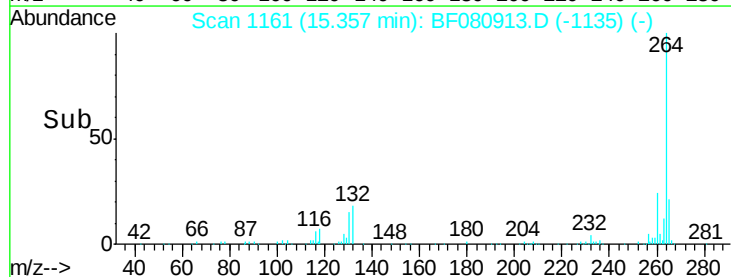
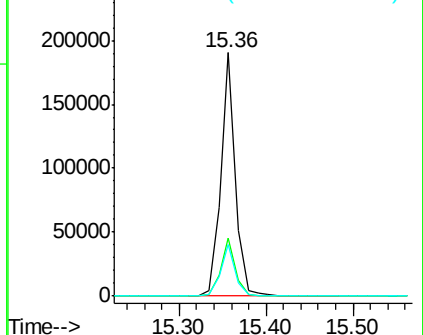


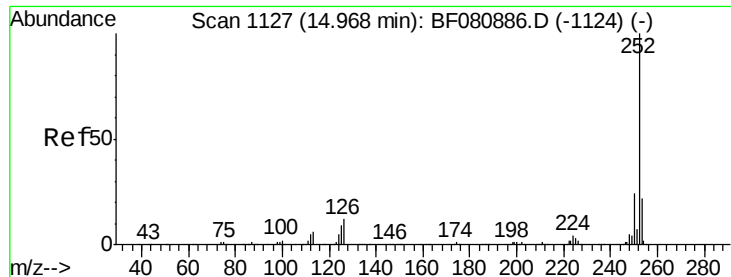
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Tgt Ion:264 Resp: 223558
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.0 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 6.58 ng

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

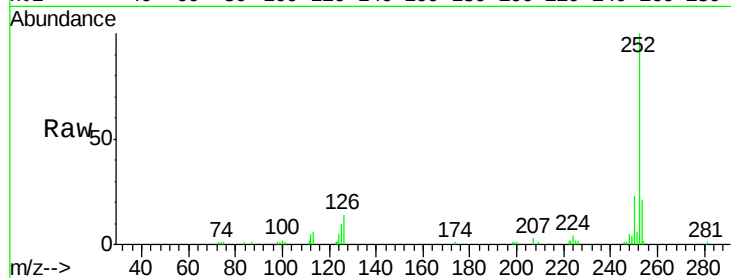
Tot Ion:252 Resp: 103385

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.2

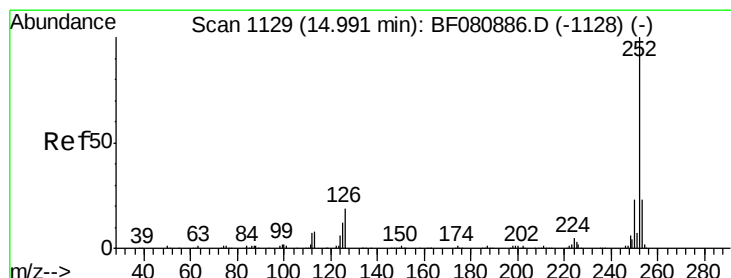
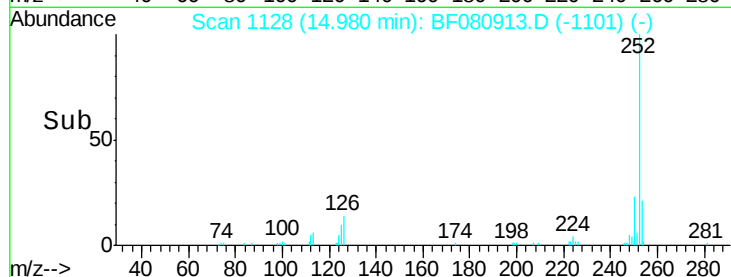
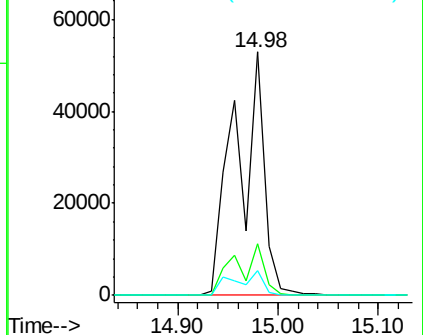
125 10.1 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.82 ng

RT: 14.98 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

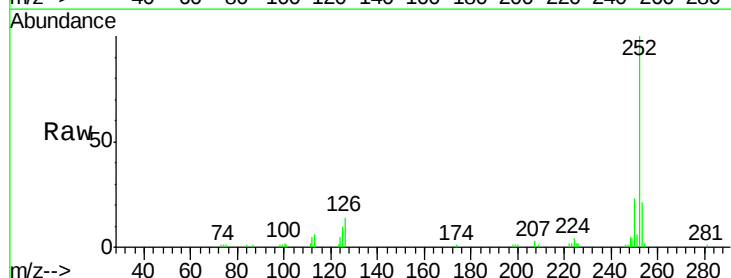
Tgt Ion:252 Resp: 103385

Ion Ratio Lower Upper

252 100

253 21.1 17.9 26.9

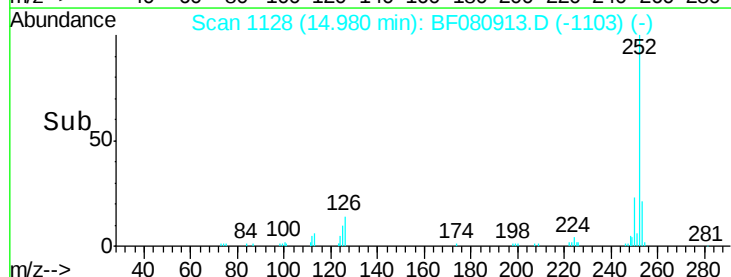
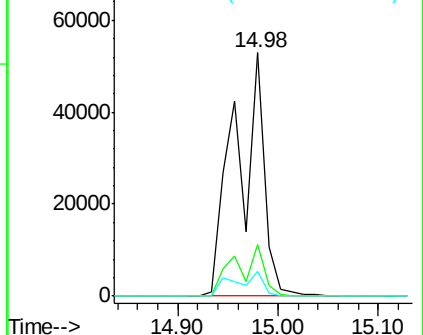
125 10.1 9.8 14.8

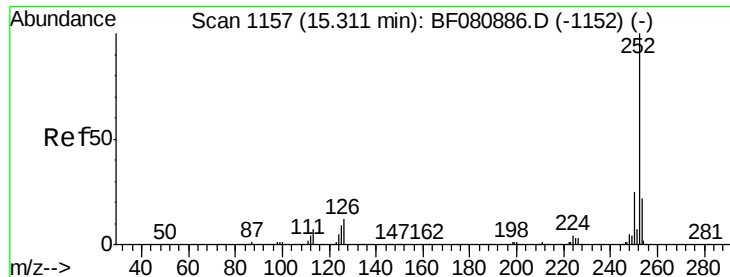


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 3.52 ng

RT: 15.29 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

Instrument :

BNA_F

ClientSampleId :

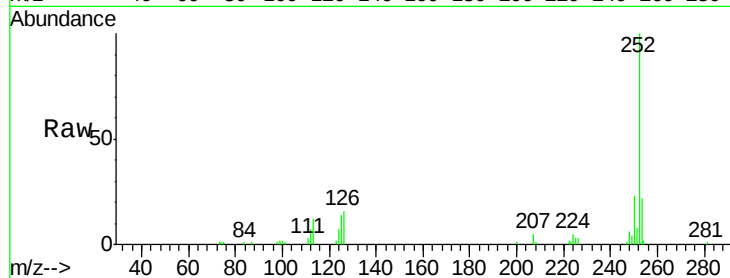
Tot Ion:252 Resp: 47631

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

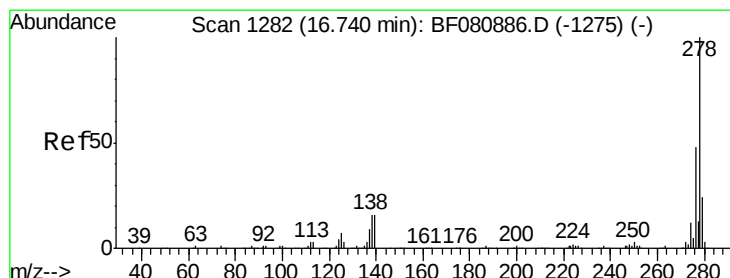
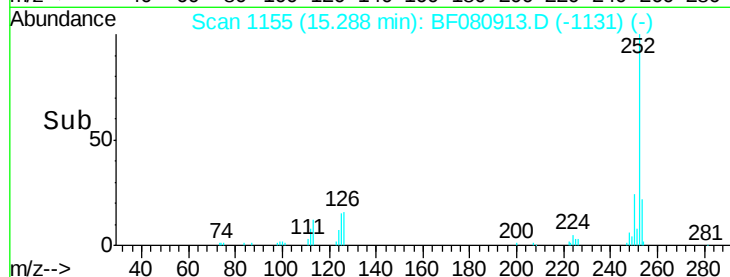
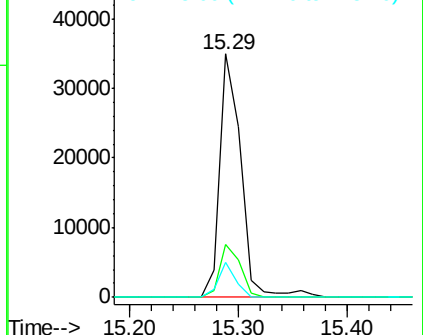
125 14.3 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 3.19 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF080913.D

Acq: 7 Aug 2015 4:44

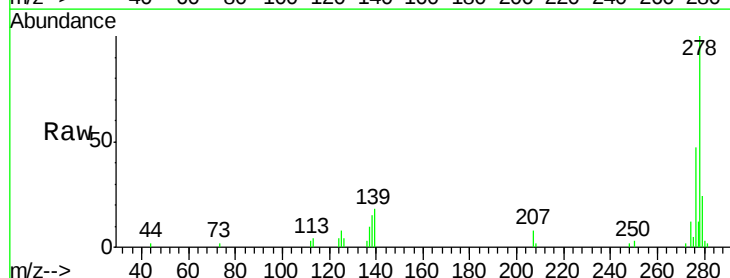
Tgt Ion:278 Resp: 37257

Ion Ratio Lower Upper

278 100

139 17.6 13.2 19.8

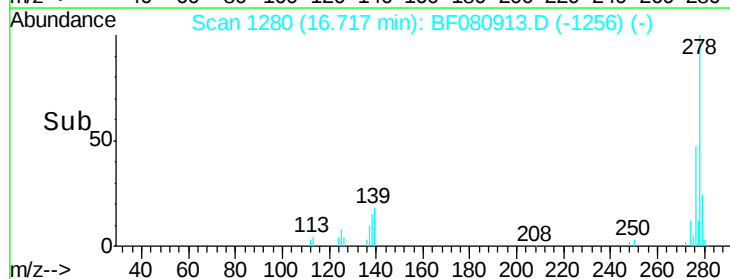
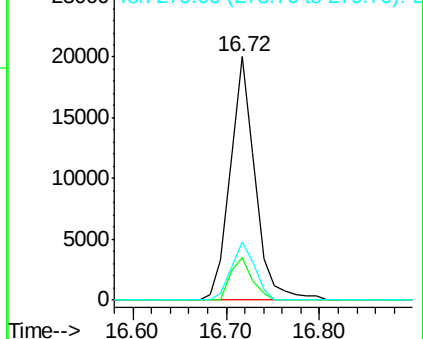
279 24.0 19.1 28.7

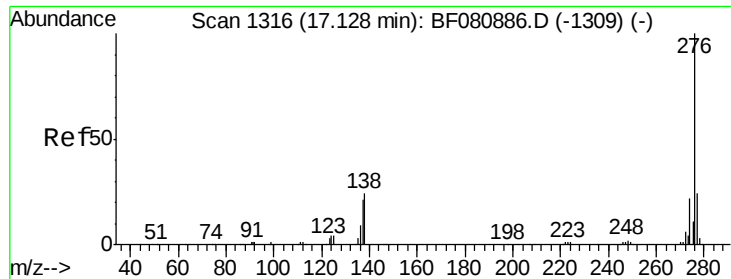


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

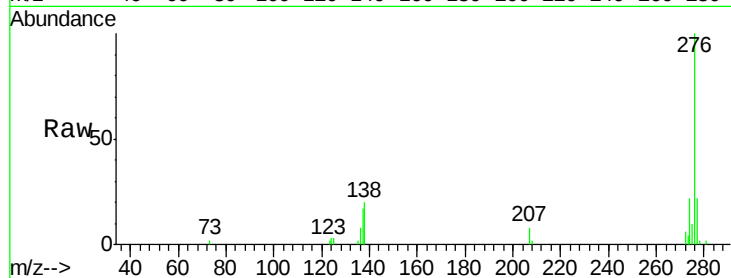




#91
 Benzo(a,h,i)perylene
 Concen: 3.22 ng
 RT: 17.11 min Scan# 1314
 Delta R.T. -0.02 min
 Lab File: BF080913.D
 Acq: 7 Aug 2015 4:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	36383
Ion Ratio		Lower	Upper
276	100		
277	22.4	19.3	28.9
138	20.3	19.1	28.7



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

