

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080934.D
 Acq On : 7 Aug 2015 18:57
 Operator : TP/UM
 Sample : PB84720BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 02:00:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52421	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	207034	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	103188	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	207296	20.00	ng	0.00
75) Chrysene-d12	13.96	240	168610	20.00	ng	0.00
86) Perylene-d12	15.36	264	140321	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	317151	98.85	ng	0.01
7) Phenol-d6	6.44	99	468559	106.57	ng	0.00
23) Nitrobenzene-d5	7.38	82	311598	71.19	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	129415	114.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	530750	72.41	ng	0.00
78) Terphenyl-d14	12.91	244	642304	78.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	33007	21.69	ng	96
3) Pyridine	3.05	79	116646	27.03	ng	98
4) n-Nitrosodimethylamine	2.99	42	72928	33.10	ng	96
6) Aniline	6.46	93	199460	30.88	ng	99
8) 2-Chlorophenol	6.59	128	141812	38.20	ng	95
9) Benzaldehyde	6.35	77	20763	7.01	ng	93
10) Phenol	6.45	94	206690	39.62	ng	93
11) bis(2-Chloroethyl)ether	6.54	93	133646	34.31	ng	99
12) 1,3-Dichlorobenzene	6.75	146	135853	34.48	ng	98
13) 1,4-Dichlorobenzene	6.83	146	131942	32.23	ng	99
14) 1,2-Dichlorobenzene	6.98	146	131622	35.56	ng	99
15) Benzyl Alcohol	6.96	79	130316	36.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	269757	34.43	ng	99
17) 2-Methylphenol	7.07	107	122869	38.77	ng	96
18) Hexachloroethane	7.32	117	52679	33.58	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	117016	36.41	ng	97
20) 3+4-Methylphenols	7.22	107	140887	35.39	ng	99
22) Acetophenone	7.22	105	181567	35.79	ng	98
24) Nitrobenzene	7.39	77	147470	32.72	ng	98
25) Isophorone	7.63	82	285564	33.93	ng	# 92
26) 2-Nitrophenol	7.71	139	71395	37.65	ng	98
27) 2,4-Dimethylphenol	7.76	122	139796	39.38	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	173320	34.30	ng	99
29) 2,4-Dichlorophenol	7.95	162	111851	38.34	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	112118	35.16	ng	99
31) Naphthalene	8.12	128	390117	34.19	ng	99
32) Benzoic acid	7.87	122	94963	44.68	ng	94
33) 4-Chloroaniline	8.17	127	171493	36.98	ng	98
34) Hexachlorobutadiene	8.24	225	64165	33.82	ng	99
35) Caprolactam	8.53	113	27880	26.57	ng	# 85
36) 4-Chloro-3-methylphenol	8.65	107	131368	36.90	ng	99
37) 2-Methylnaphthalene	8.81	142	265744	36.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	108830	34.21	ng	99
40) Hexachlorocyclopentadiene	8.97	237	118934	68.52	ng	98

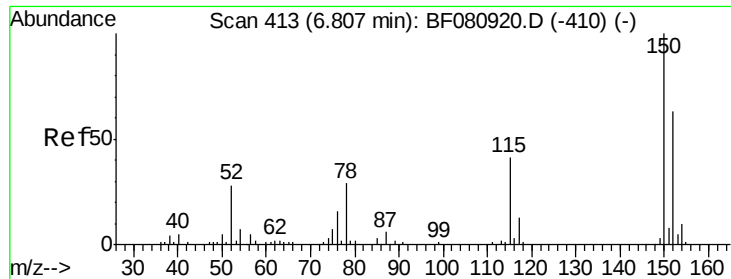
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080934.D
 Acq On : 7 Aug 2015 18:57
 Operator : TP/UM
 Sample : PB84720BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	79001	33.88	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	91151	38.80	nq	# 86
45) 1,1'-Biphenyl	9.28	154	340612	38.46	nq	99
46) 2-Chloronaphthalene	9.30	162	256950	37.21	nq	99
47) 2-Nitroaniline	9.39	65	114659	41.42	nq	99
48) Acenaphthylene	9.71	152	456610	38.04	nq	99
49) Dimethylphthalate	9.57	163	287676	33.56	nq	100
50) 2,6-Dinitrotoluene	9.63	165	62869	35.50	nq	96
51) Acenaphthene	9.88	154	306006	41.63	nq	98
52) 3-Nitroaniline	9.80	138	78604	36.00	nq	97
53) 2,4-Dinitrophenol	9.90	184	72702	68.53	nq	# 80
54) Dibenzofuran	10.05	168	388223	39.05	nq	99
55) 4-Nitrophenol	9.96	139	118976	72.81	nq	# 61
56) 2,4-Dinitrotoluene	10.03	165	95929	40.48	nq	97
57) Fluorene	10.40	166	316168	41.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	71381	38.39	nq	99
59) Diethylphthalate	10.27	149	344456	38.61	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	125774	33.57	nq	99
61) 4-Nitroaniline	10.42	138	91261	40.63	nq	90
62) Azobenzene	10.54	77	372719	37.36	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	52090	40.55	nq	91
65) n-Nitrosodiphenylamine	10.51	169	292110	40.56	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	88503	40.31	nq	100
67) Hexachlorobenzene	10.94	284	95200	39.00	nq	98
68) Atrazine	11.04	200	74725	35.39	nq	100
69) Pentachlorophenol	11.14	266	113621	80.05	nq	98
70) Phenanthrene	11.36	178	466149	39.71	nq	100
71) Anthracene	11.40	178	458627	39.47	nq	100
72) Carbazole	11.56	167	462292	40.86	nq	100
73) Di-n-butylphthalate	11.89	149	573301	40.52	nq	99
74) Fluoranthene	12.53	202	514732	40.56	nq	99
76) Benzidine	12.66	184	310519	45.43	nq	97
77) Pyrene	12.76	202	545844	43.82	nq	99
79) Butylbenzylphthalate	13.39	149	266741	44.42	nq	99
80) Benzo(a)anthracene	13.94	228	434506	40.80	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	171236	44.20	nq	99
82) Chrysene	13.99	228	447794	43.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	373990	44.76	nq	99
84) Di-n-octyl phthalate	14.56	149	659940	46.59	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	380842	39.24	nq	100
87) Benzo(b)fluoranthene	14.99	252	765335	78.44	nq	# 98
88) Benzo(k)fluoranthene	14.99	252	765335	89.66	nq	98
89) Benzo(a)pyrene	15.30	252	340084	40.55	nq	# 93
90) Dibenzo(a,h)anthracene	16.74	278	325984	43.95	nq	99
91) Benzo(g,h,i)perylene	17.13	276	321836	44.61	nq	96

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

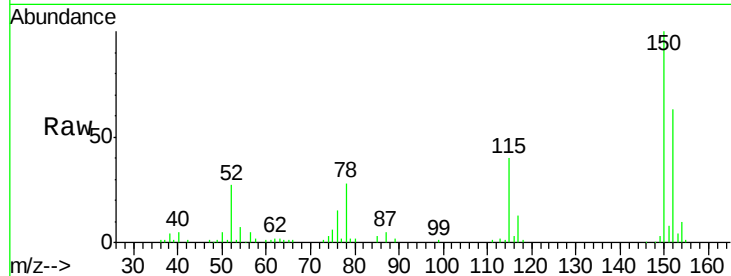


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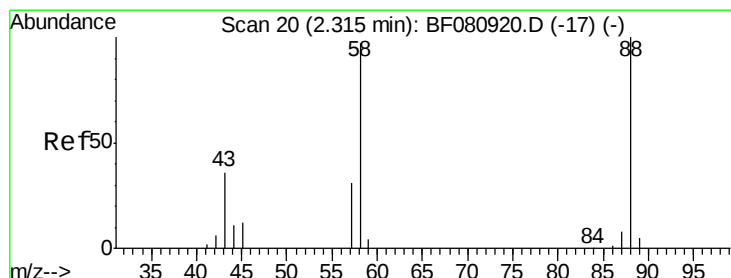
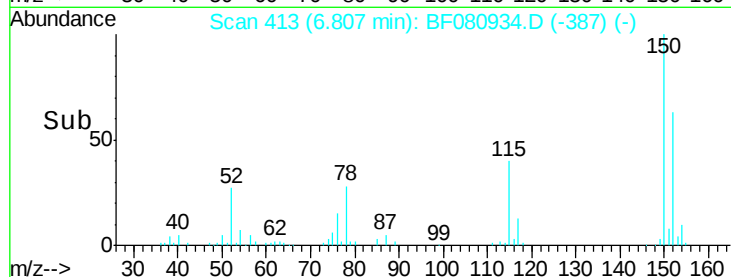
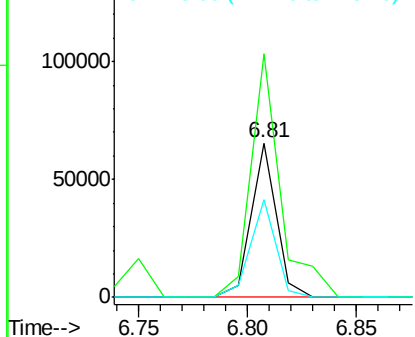
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 52421
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.2
115 63.3 52.6 78.8



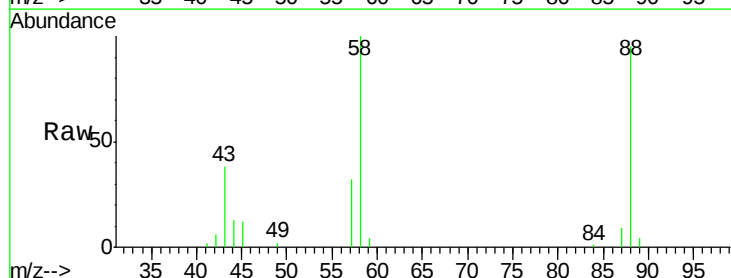
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



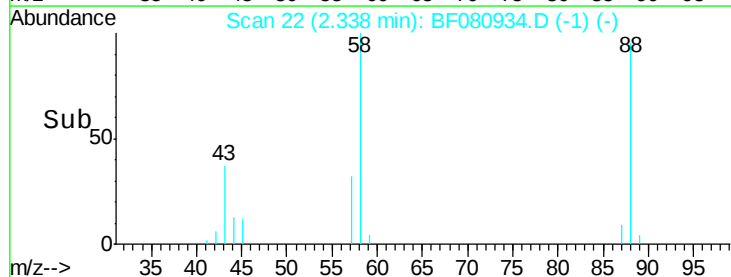
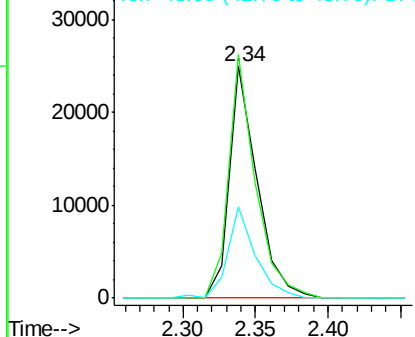
#2

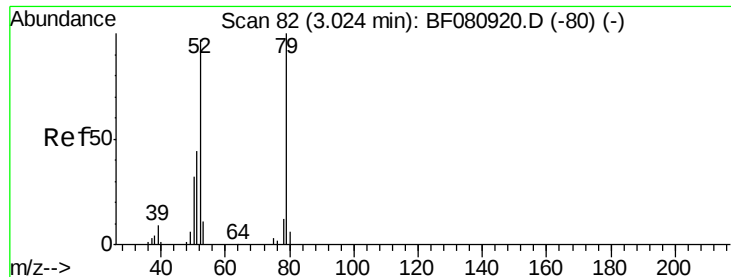
1,4-Dioxane
Concen: 21.69 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion: 88 Resp: 33007
Ion Ratio Lower Upper
88 100
58 102.5 79.3 118.9
43 39.7 28.3 42.5



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





#3

Pvridine

Concen: 27.03 ng

RT: 3.05 min Scan# 84

Delta R.T. 0.02 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

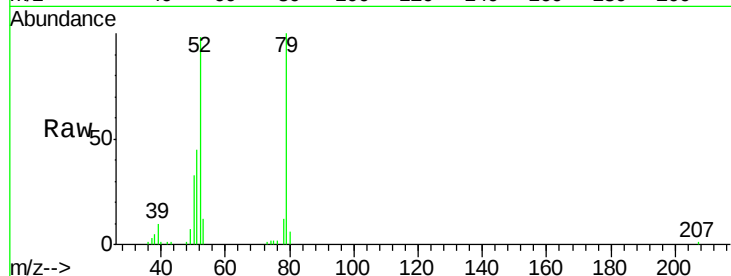
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 116646

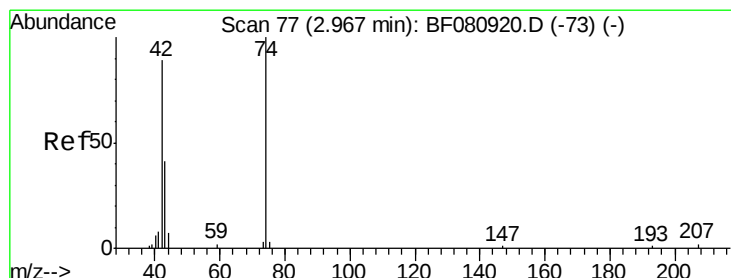
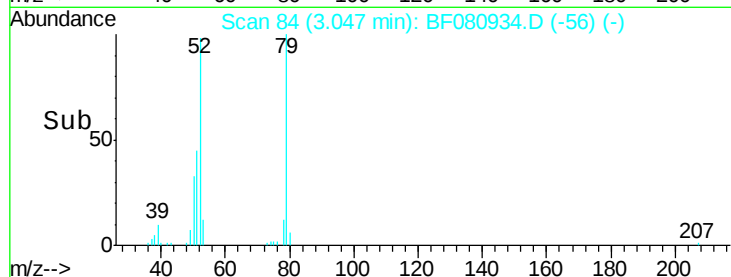
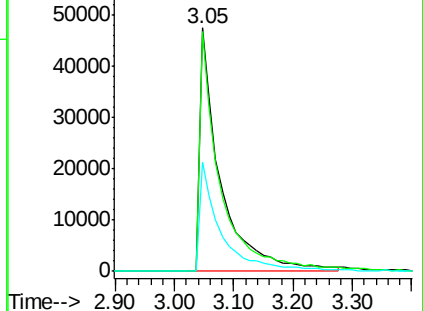
Ion	Ratio	Lower	Upper
79	100		
52	98.4	77.2	115.8
51	44.7	35.0	52.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.10 ng

RT: 2.99 min Scan# 79

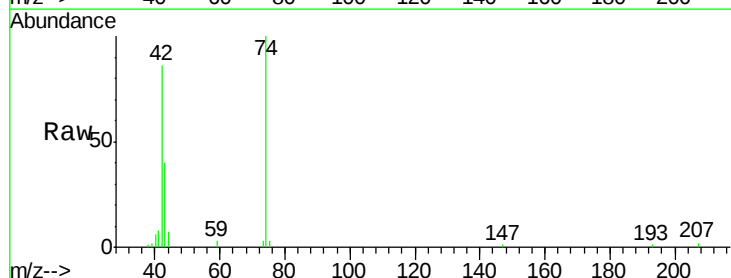
Delta R.T. 0.02 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Tgt Ion: 42 Resp: 72928

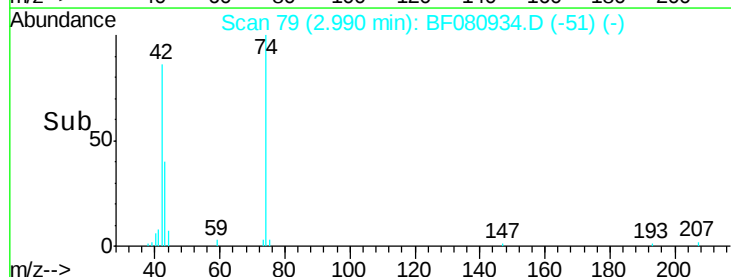
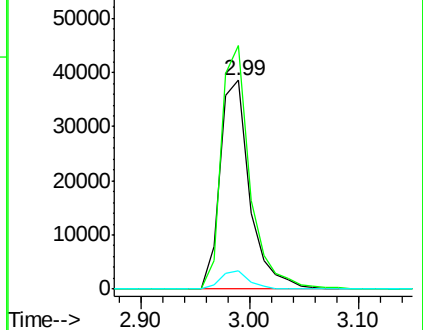
Ion	Ratio	Lower	Upper
42	100		
74	116.8	89.8	134.8
44	8.6	6.5	9.7

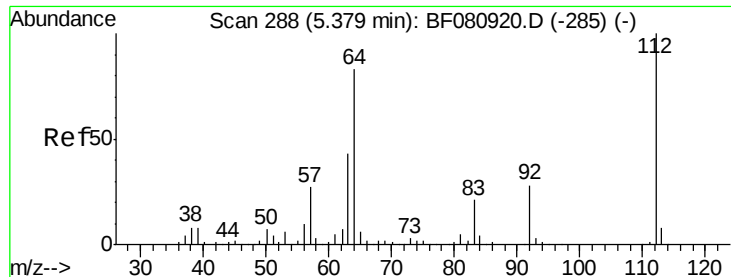


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 98.85 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080934.D

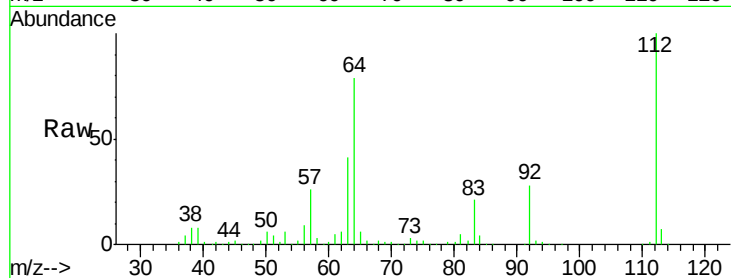
Acq: 7 Aug 2015 18:57

Instrument :

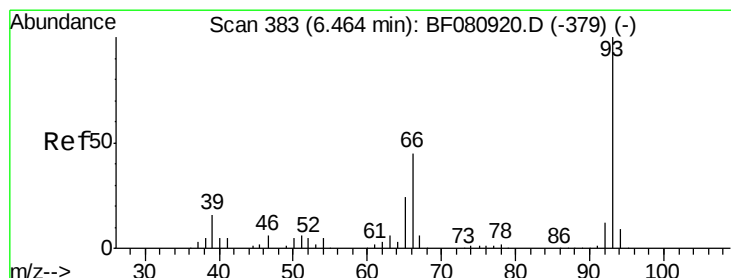
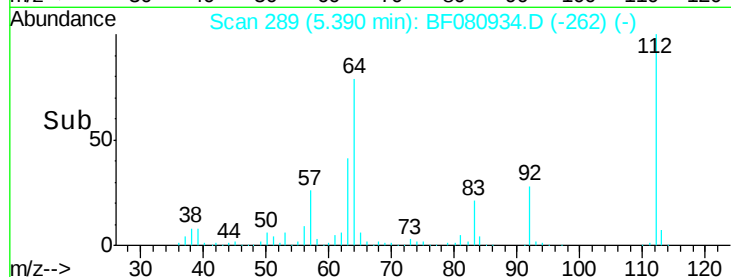
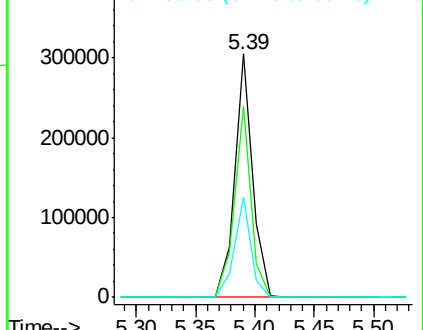
BNA_F

ClientSampleId :

Tot Ion:	112	Resp:	317151
Ion	Ratio	Lower	Upper
112	100		
64	78.6	66.1	99.1
63	41.0	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): BF080920.D (-285) (-)



#6

Aniline

Concen: 30.88 ng

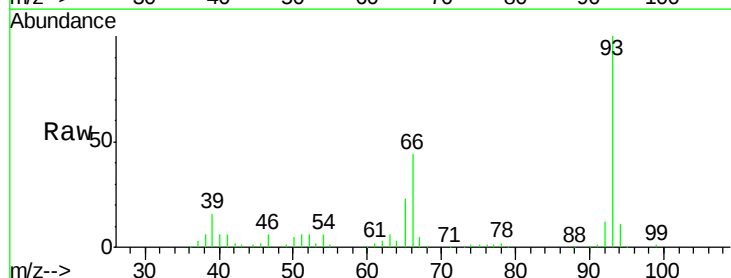
RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

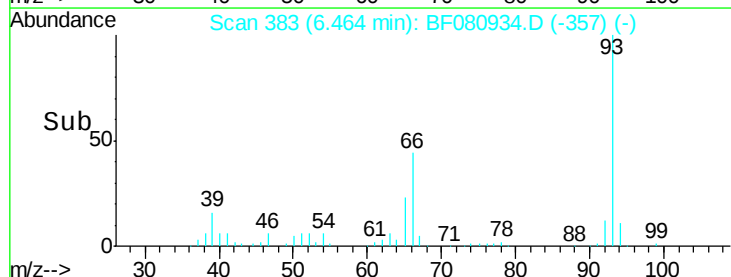
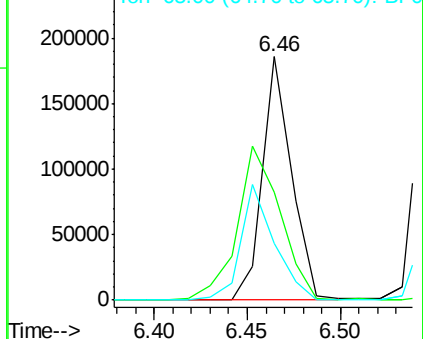
Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Tgt Ion:	93	Resp:	199460
Ion	Ratio	Lower	Upper
93	100		
66	44.1	36.2	54.4
65	23.4	19.0	28.4



Abundance Ion 93.00 (92.70 to 93.70): BF080920.D (-379) (-)





#7

Phenol-d6

Concen: 106.57 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampled :

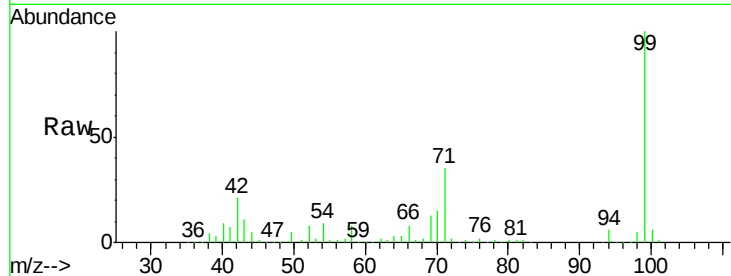
Tot Ion: 99 Resp: 468559

Ion Ratio Lower Upper

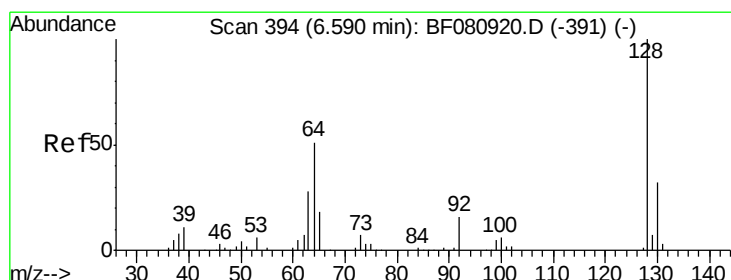
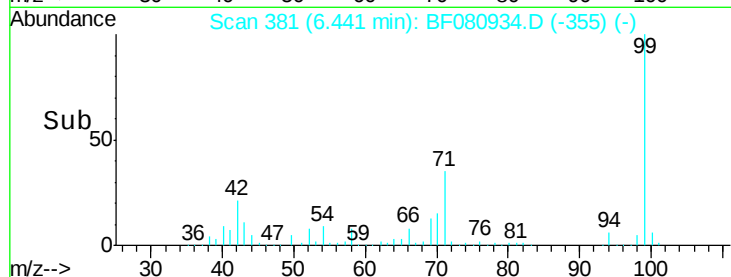
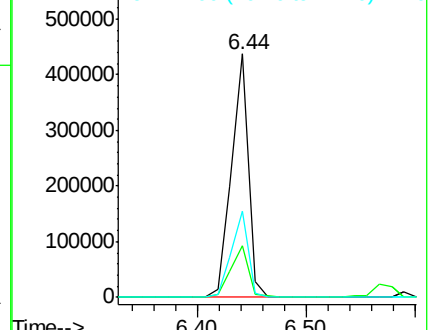
99 100

42 21.5 14.4 21.6

71 35.2 25.8 38.8



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



#8

2-Chlorophenol

Concen: 38.20 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

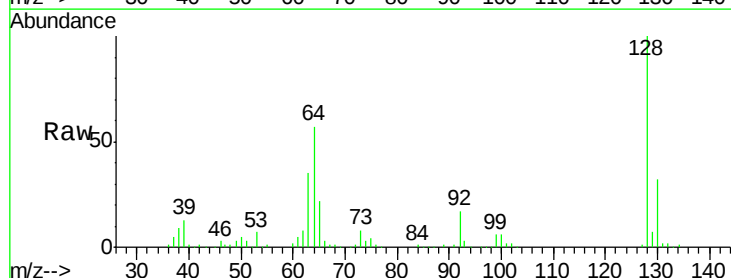
Tgt Ion:128 Resp: 141812

Ion Ratio Lower Upper

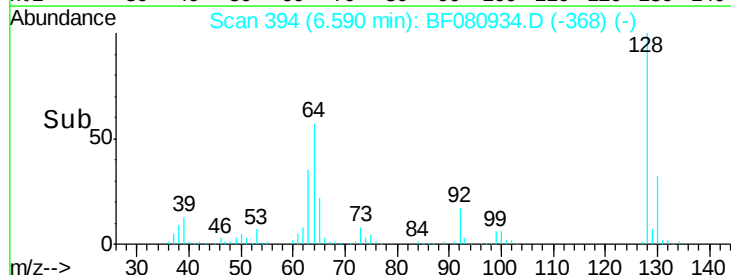
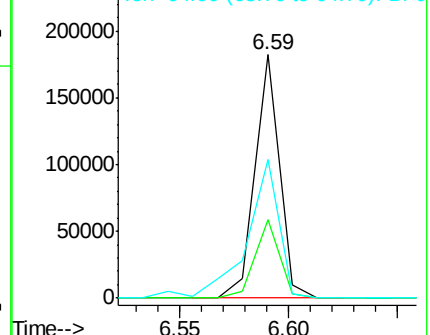
128 100

130 32.1 12.4 52.4

64 57.1 32.1 72.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

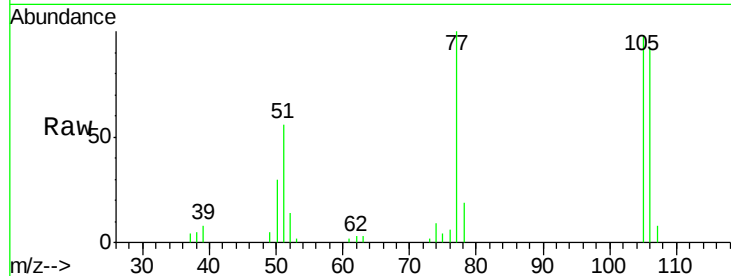




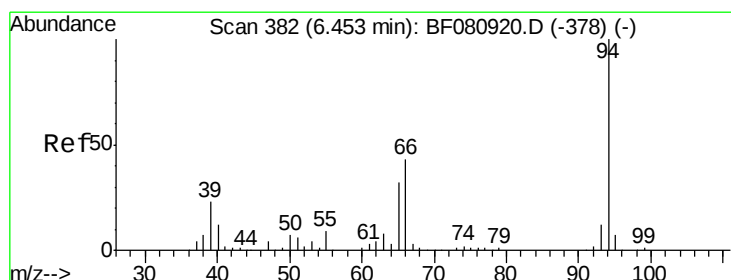
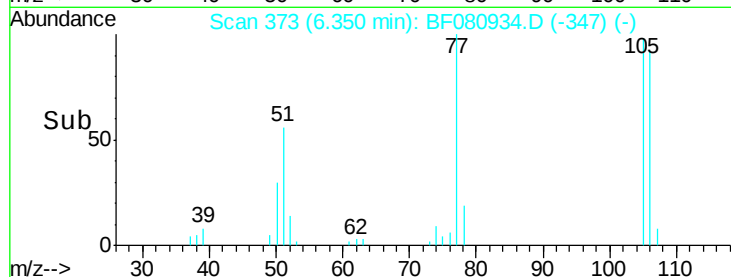
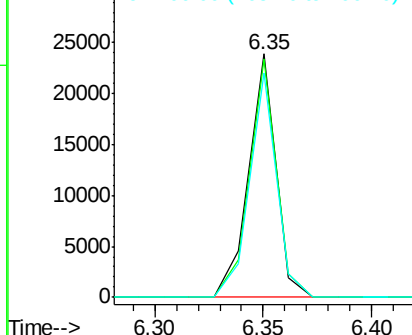
#9
Benzaldehyde
Concen: 7.01 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 20763
Ion Ratio Lower Upper
77 100
105 98.2 71.6 111.6
106 92.0 65.7 105.7

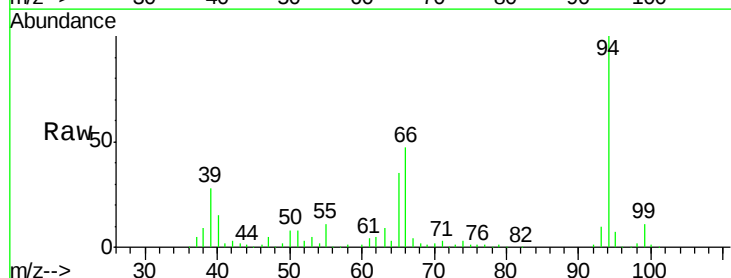


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

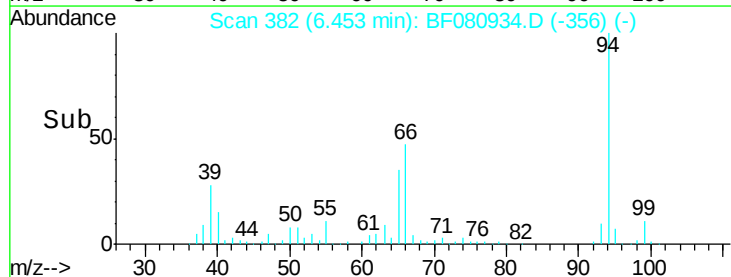
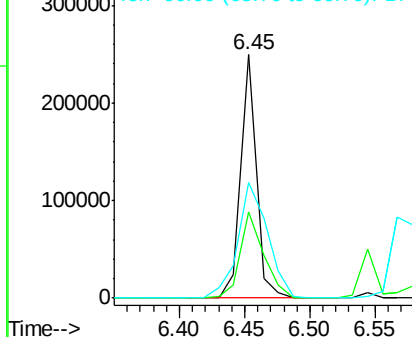


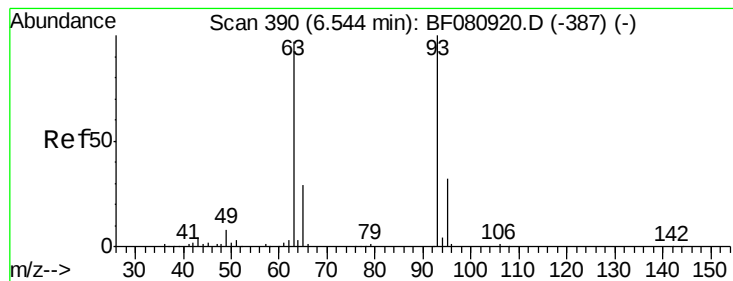
#10
Phenol
Concen: 39.62 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion: 94 Resp: 206690
Ion Ratio Lower Upper
94 100
65 35.3 11.8 51.8
66 47.2 22.9 62.9



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

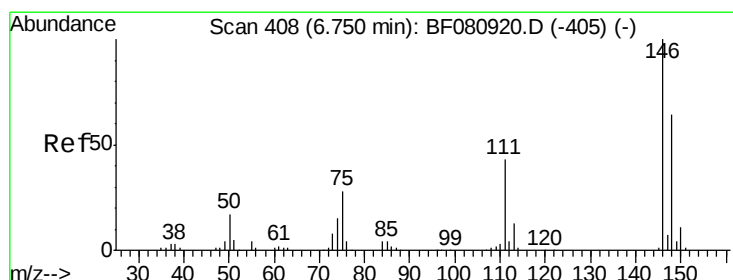
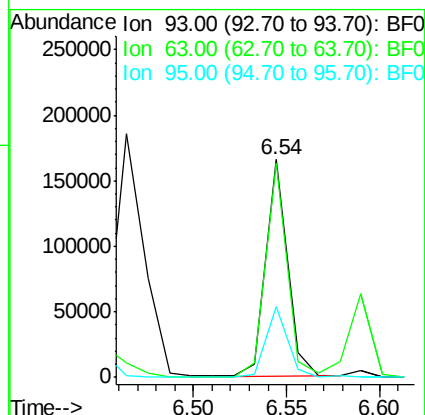
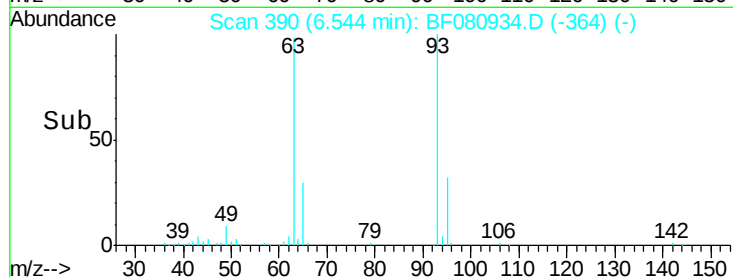
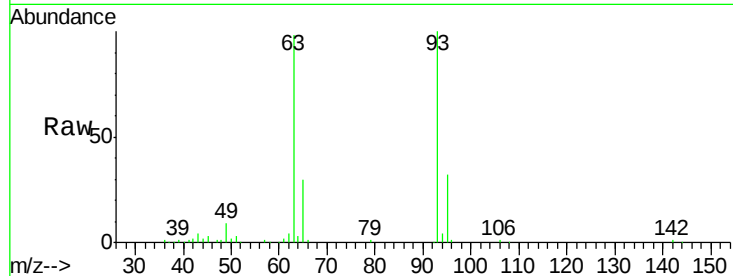




#11
bis(2-Chloroethyl)ether
Concen: 34.31 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

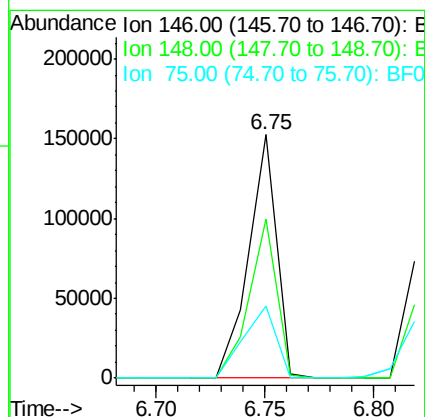
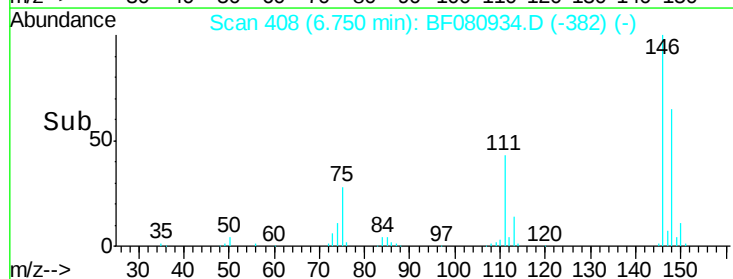
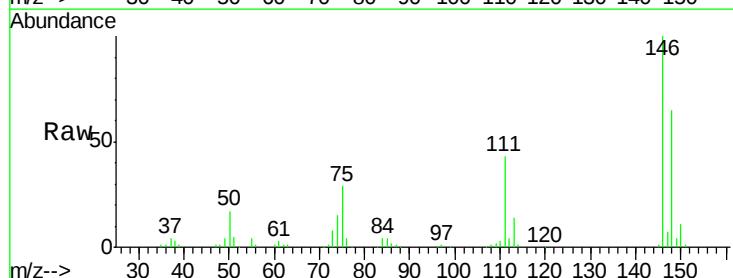
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 133646
Ion Ratio Lower Upper
93 100
63 98.3 76.7 116.7
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 34.48 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion: 146 Resp: 135853
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
75 29.4 22.2 33.4

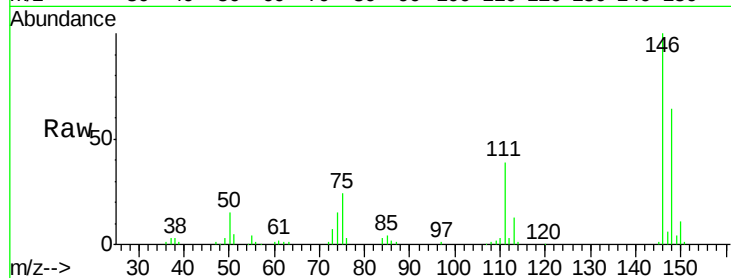




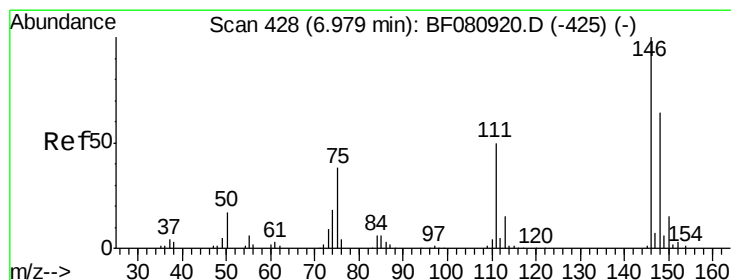
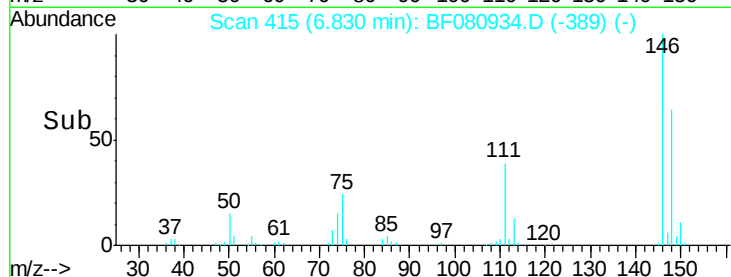
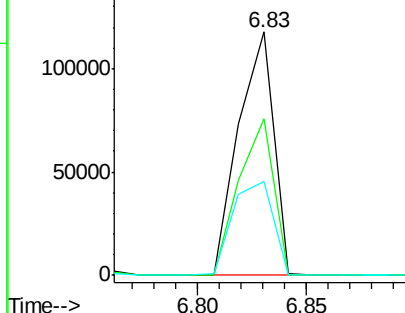
#13
 1,4-Dichlorobenzene
 Concen: 32.23 ng
 RT: 6.83 min Scan# 415
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 131942
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.4
 111 38.7 31.5 47.3

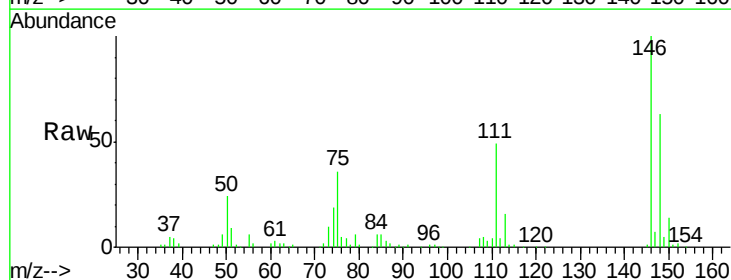


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

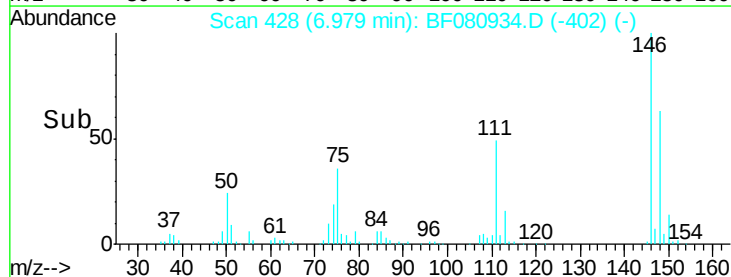
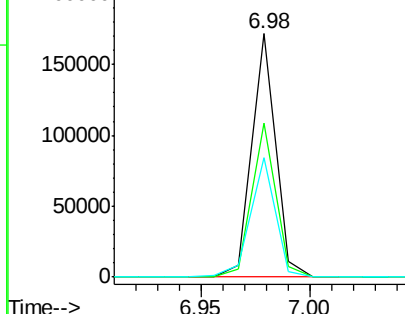


#14
 1,2-Dichlorobenzene
 Concen: 35.56 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:146 Resp: 131622
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.1 76.7
 111 48.8 40.0 60.0



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





#15

Benzyl Alcohol

Concen: 36.22 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

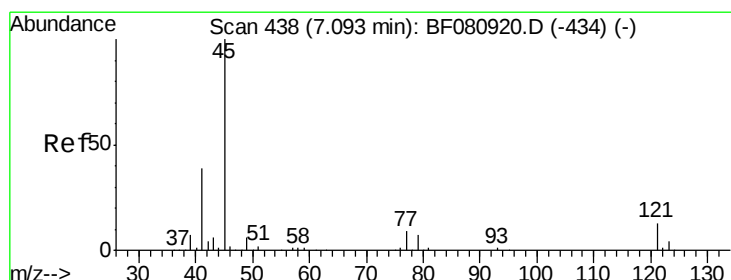
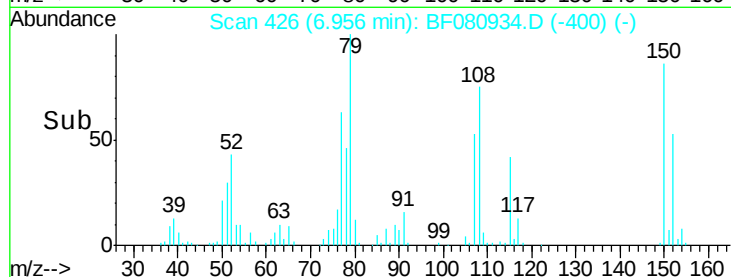
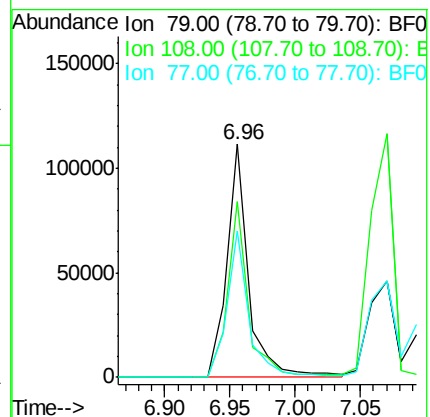
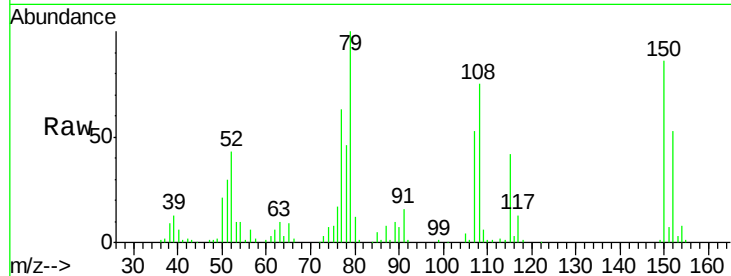
Tot Ion: 79 Resp: 130316

Ion Ratio Lower Upper

79 100

108 75.4 60.9 91.3

77 62.9 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.43 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

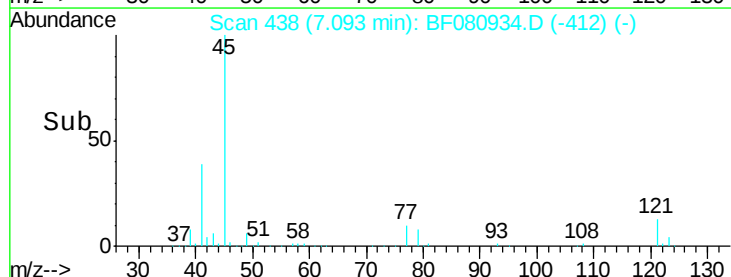
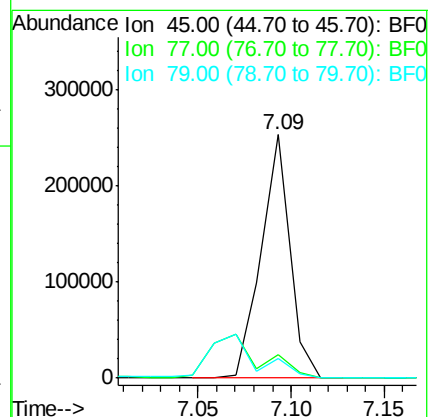
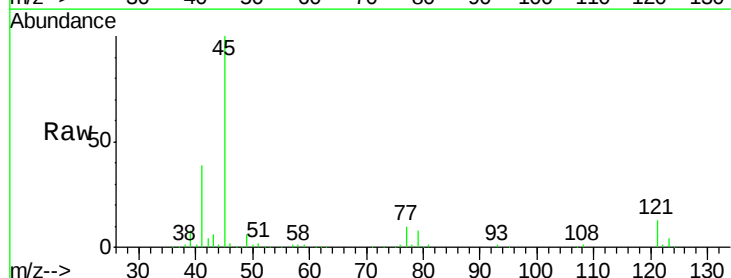
Tgt Ion: 45 Resp: 269757

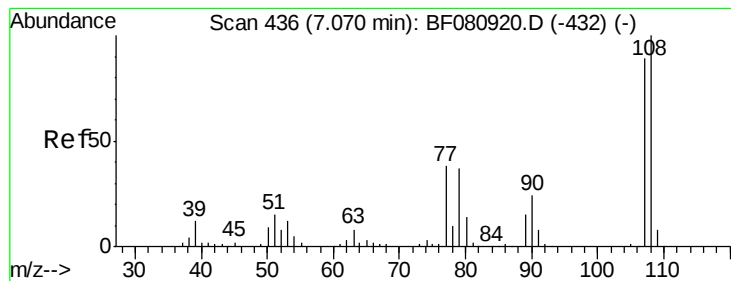
Ion Ratio Lower Upper

45 100

77 9.9 0.0 29.6

79 8.0 0.0 27.7

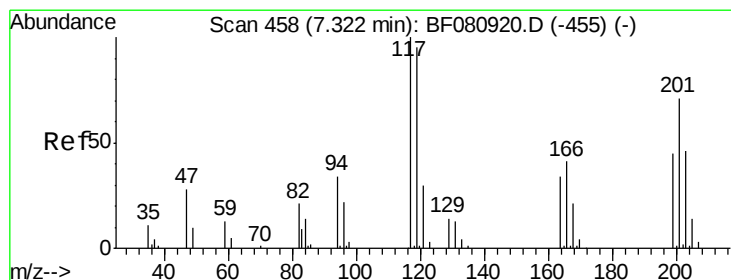
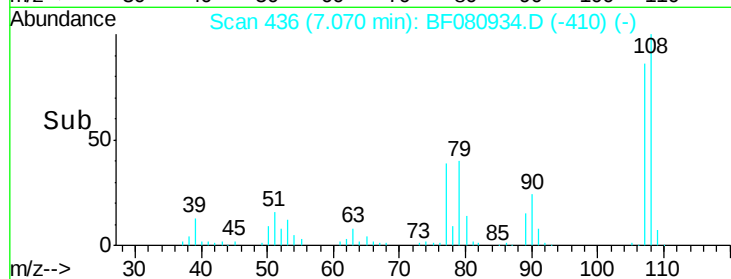
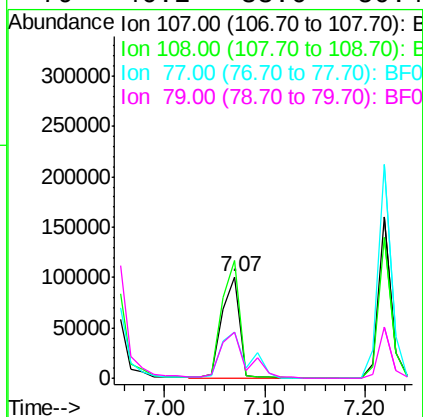
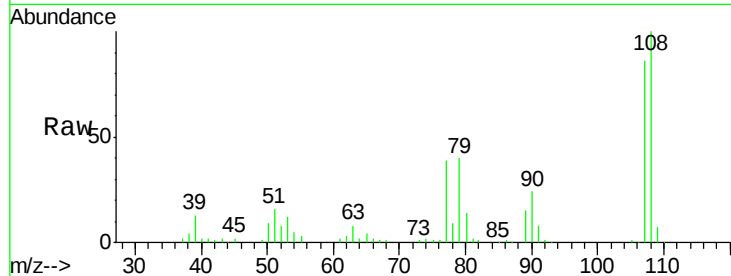




#17
2-Methylphenol
Concen: 38.77 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

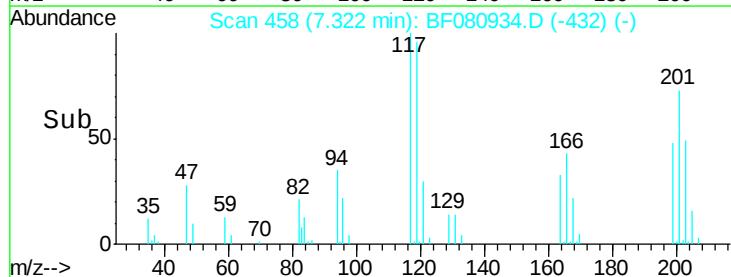
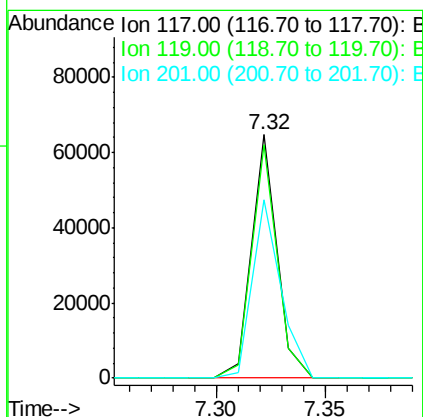
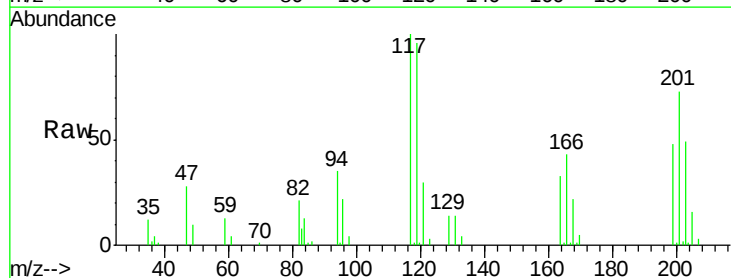
Instrument :
BNA_F
ClientSampleId :

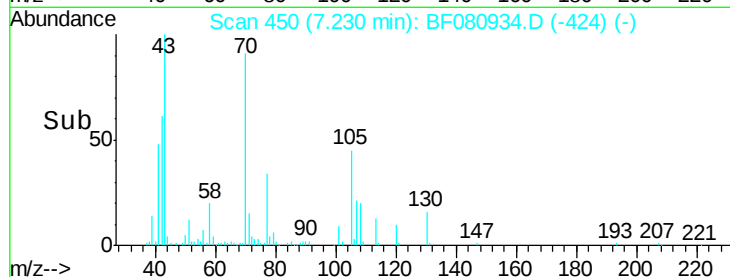
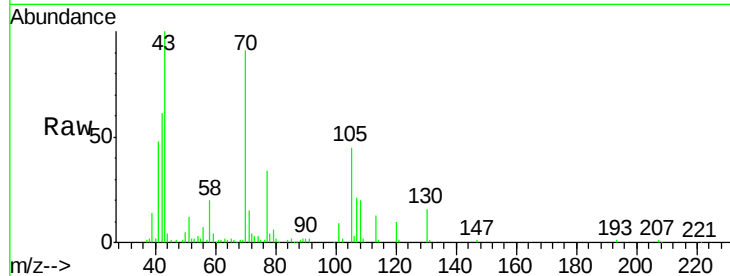
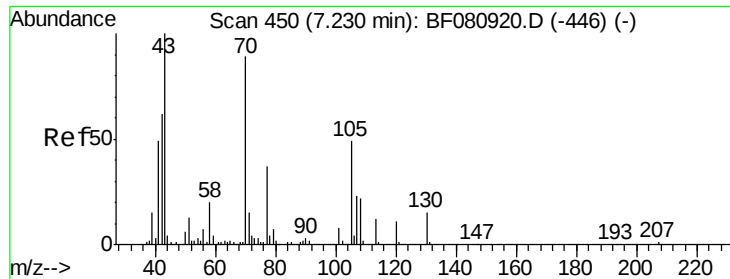
Tot Ion:	107	Resp:	122869
Ion	Ratio	Lower	Upper
107	100		
108	115.9	90.3	135.5
77	45.6	34.6	51.8
79	46.2	33.6	50.4



#18
Hexachloroethane
Concen: 33.58 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:	117	Resp:	52679
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
201	73.1	57.0	85.6

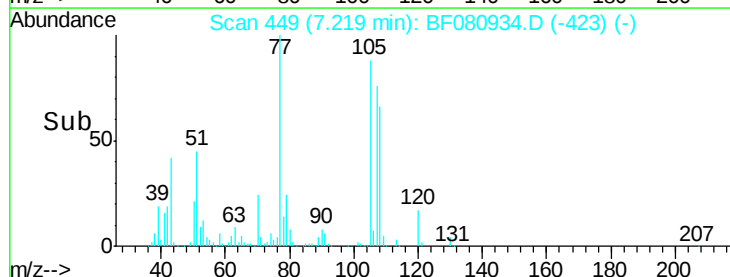
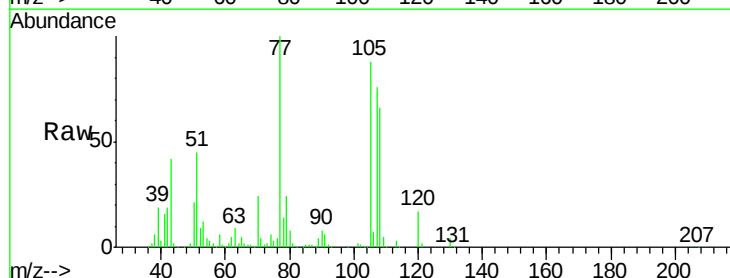
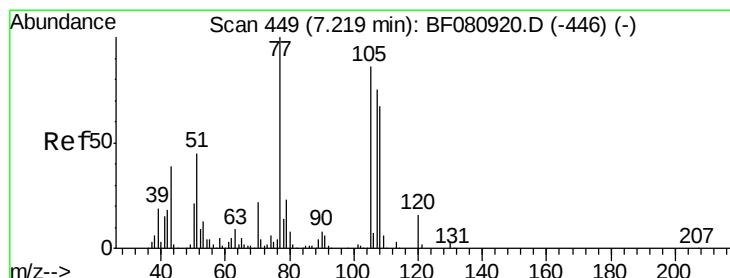
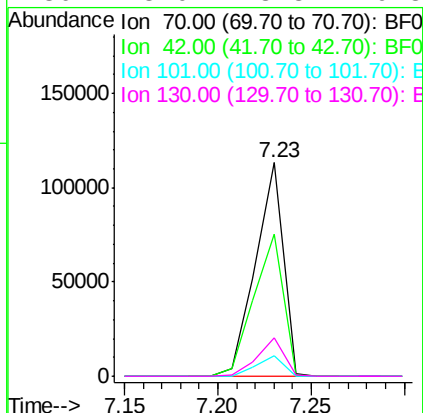




#19
n-Nitroso-di-n-propylamine
Concen: 36.41 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

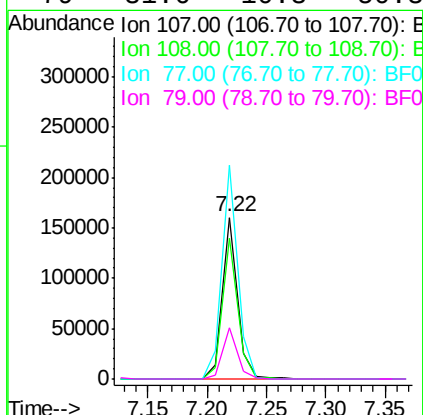
Instrument :
BNA_F
ClientSampleId :

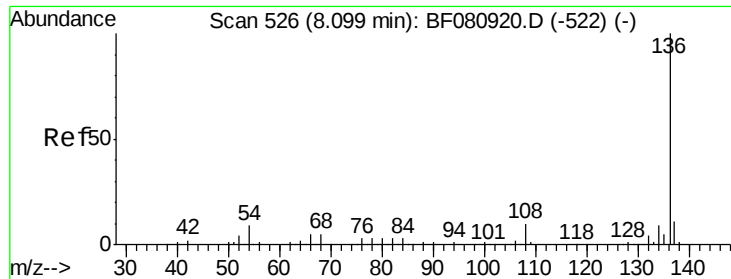
Tot Ion: 70 Resp: 117016
Ion Ratio Lower Upper
70 100
42 66.5 55.7 83.5
101 9.6 7.0 10.6
130 18.0 13.8 20.8



#20
3+4-Methylphenols
Concen: 35.39 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:107 Resp: 140887
Ion Ratio Lower Upper
107 100
108 87.3 69.2 109.2
77 132.0 113.0 153.0
79 31.6 10.3 50.3

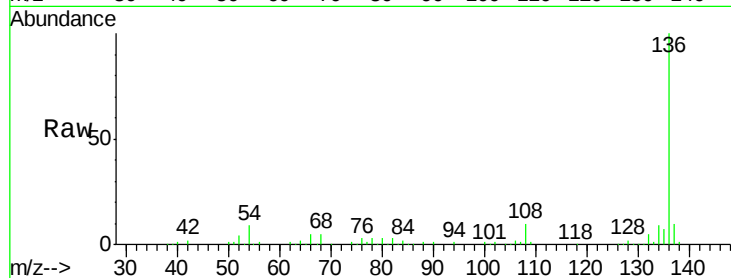




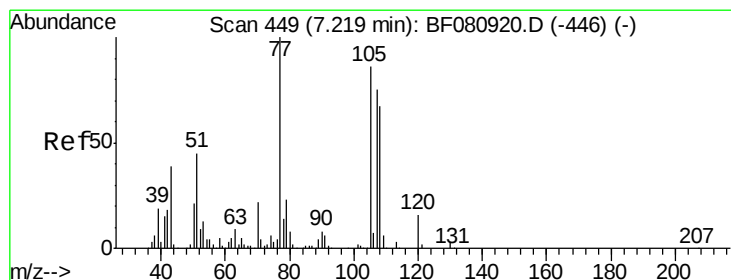
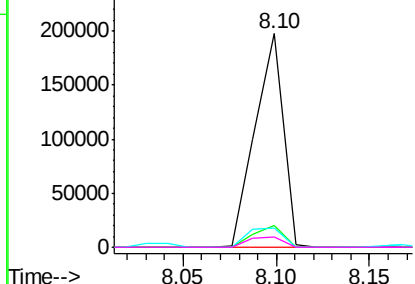
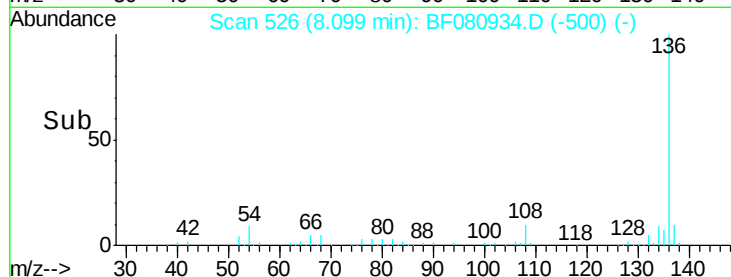
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	207034
Ion Ratio	Lower	Upper
136 100		
137 10.2	8.5	12.7
54 8.9	7.1	10.7
68 4.7	3.8	5.8

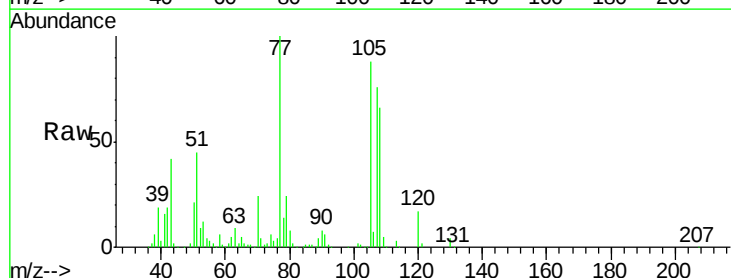


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

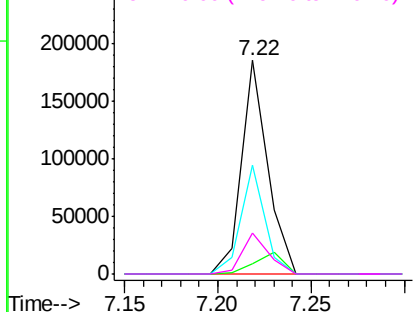
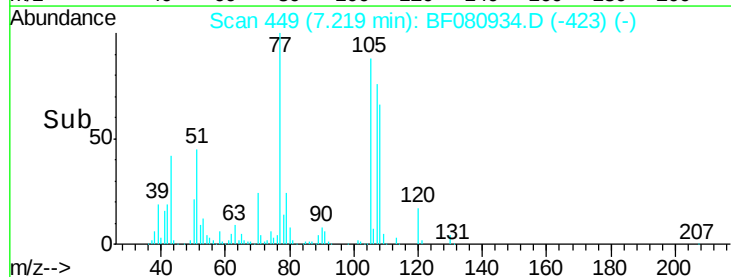


#22
Acetophenone
Concen: 35.79 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt	Ion:105	Resp:	181567
Ion	Ratio	Lower	Upper
105	100		
71	4.9	3.3	4.9
51	50.9	41.8	62.6
120	19.2	15.1	22.7



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

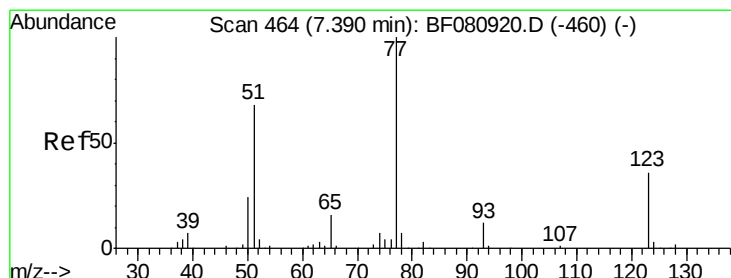
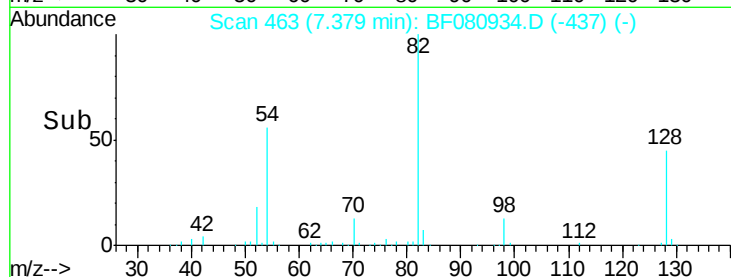
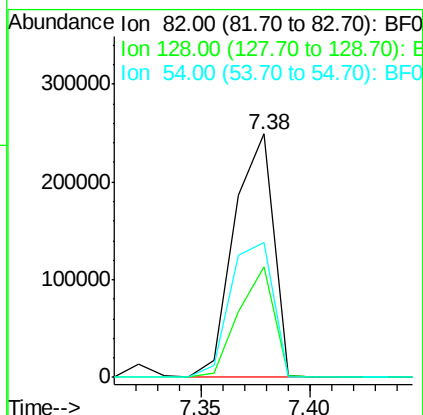
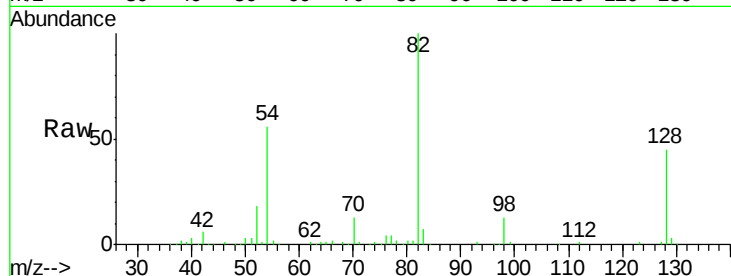




#23
 Nitrobenzene-d5
 Concen: 71.19 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

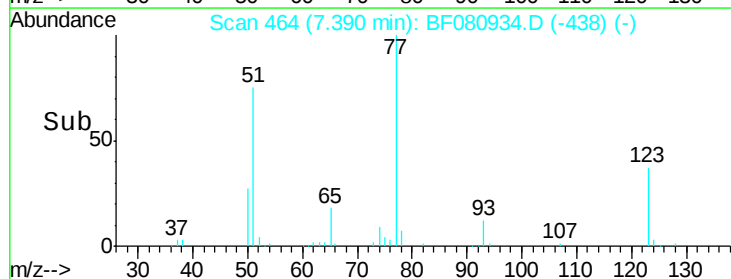
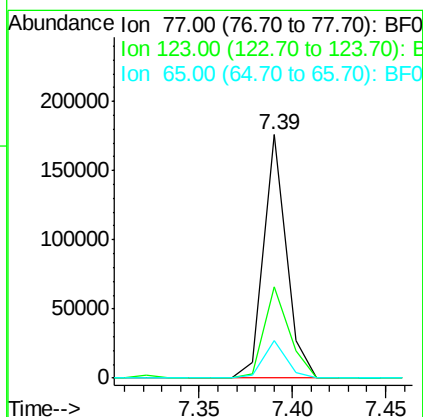
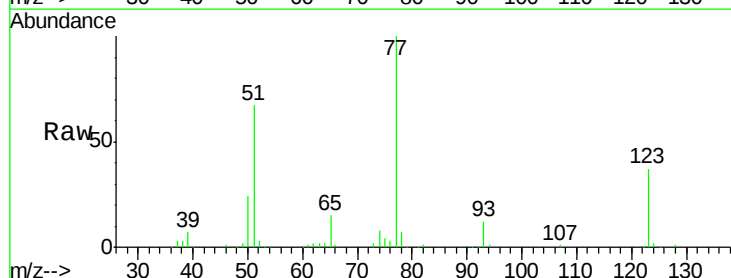
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	311598
Ion Ratio	Lower	Upper	
82	100		
128	45.4	34.1	51.1
54	55.5	46.5	69.7



#24
 Nitrobenzene
 Concen: 32.72 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	77	Resp	147470
Ion Ratio	Lower	Upper	
77	100		
123	37.3	28.7	43.1
65	15.2	12.5	18.7





#25

Isophorone

Concen: 33.93 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

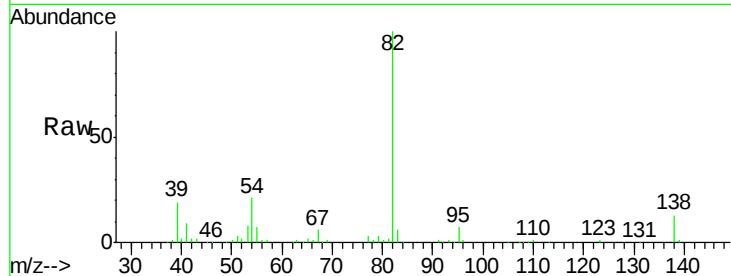
Tot Ion: 82 Resp: 285564

Ion Ratio Lower Upper

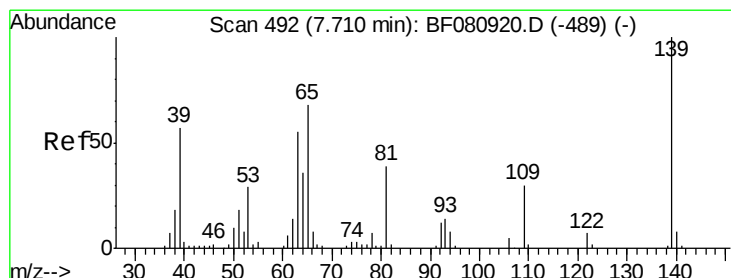
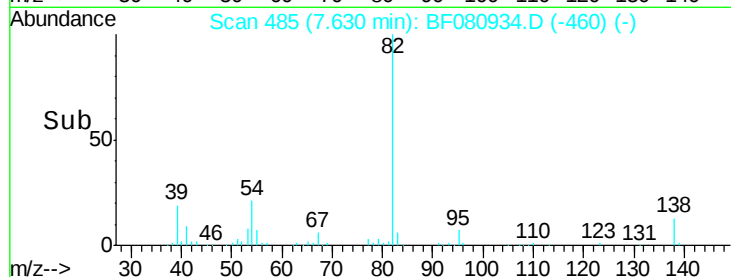
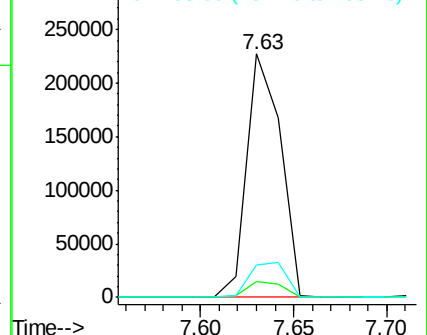
82 100

95 6.7 5.8 8.6

138 13.2 14.1 21.1#



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



#26

2-Nitrophenol

Concen: 37.65 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

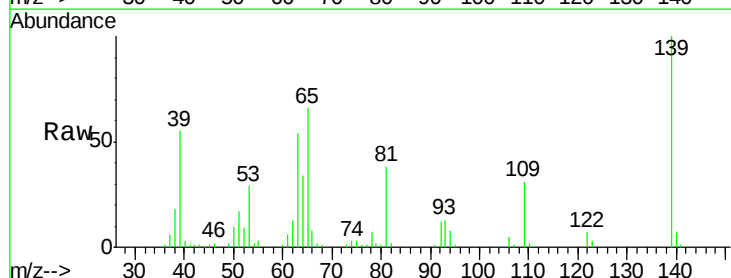
Tgt Ion: 139 Resp: 71395

Ion Ratio Lower Upper

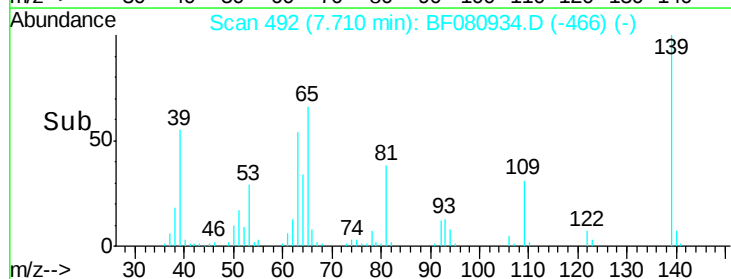
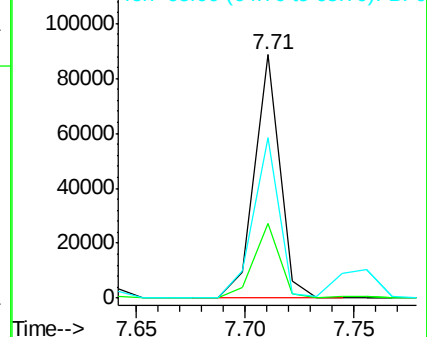
139 100

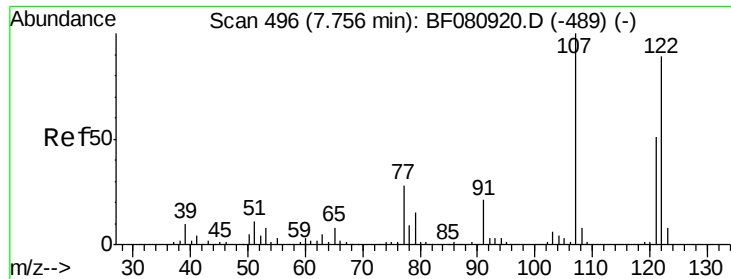
109 30.6 24.1 36.1

65 65.7 54.0 81.0



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

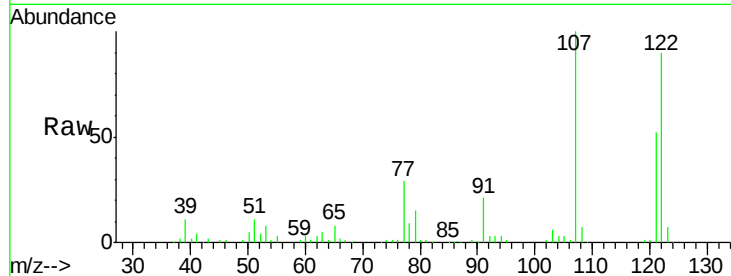




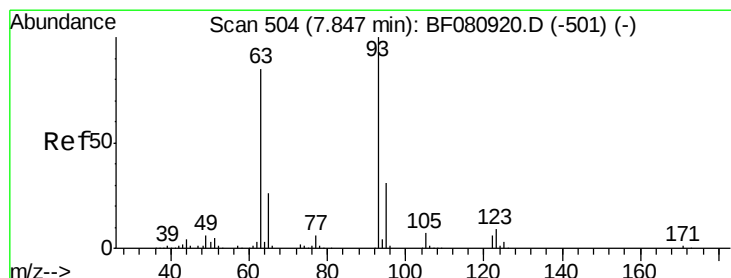
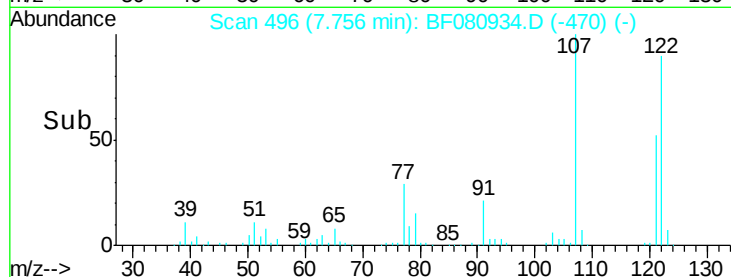
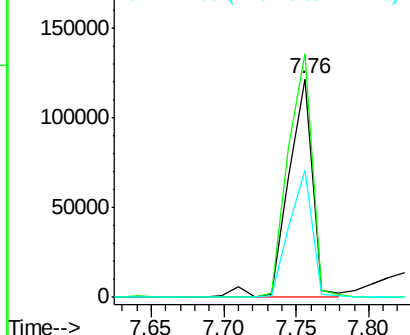
#27
2,4-Dimethylphenol
Concen: 39.38 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 139796
Ion Ratio Lower Upper
122 100
107 111.4 90.2 135.4
121 58.4 46.0 69.0

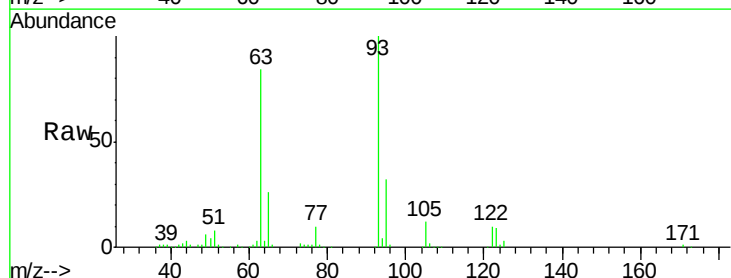


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

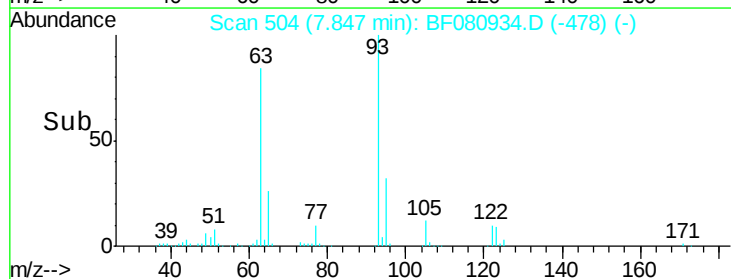
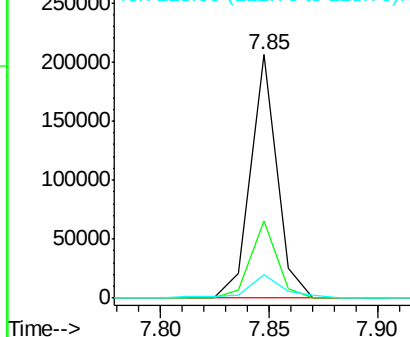


#28
bis(2-Chloroethoxy)methane
Concen: 34.30 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion: 93 Resp: 173320
Ion Ratio Lower Upper
93 100
95 31.8 25.0 37.4
123 9.4 7.4 11.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

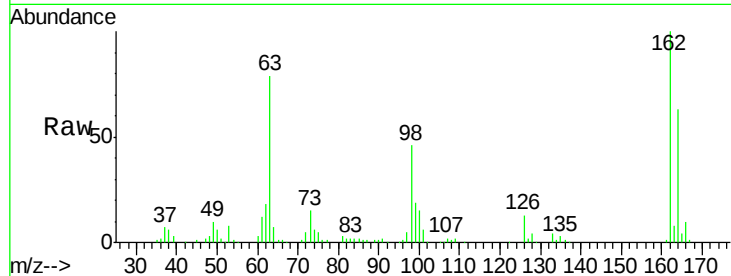




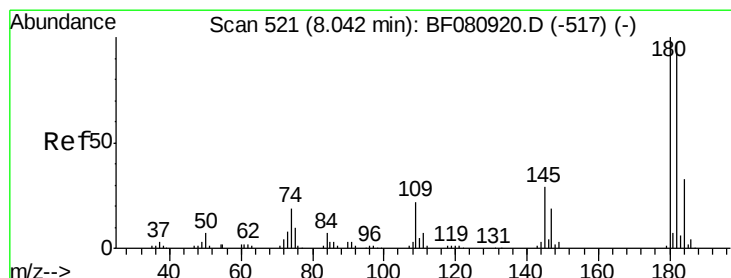
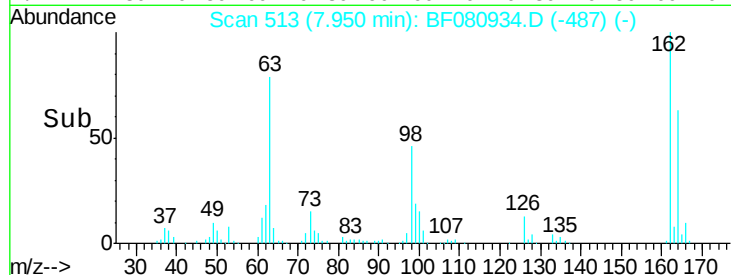
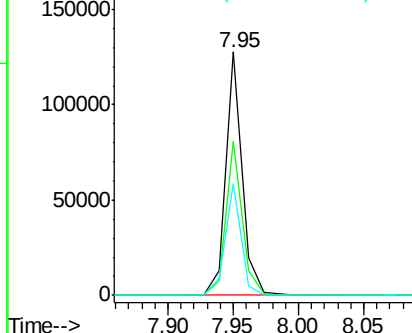
#29
 2,4-Dichlorophenol
 Concen: 38.34 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.3	82.3
98	45.7	27.7	67.7

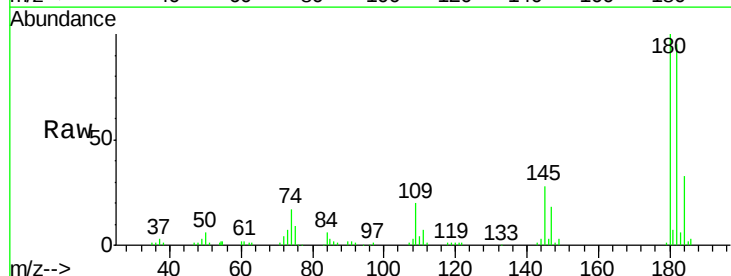


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

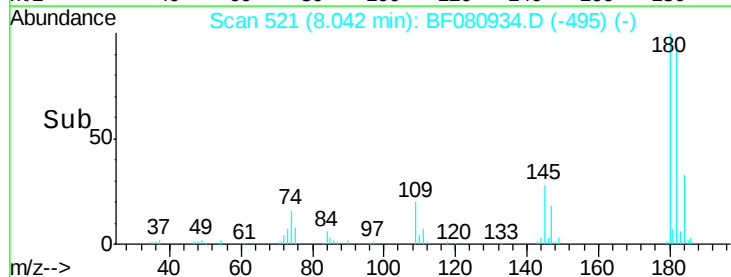
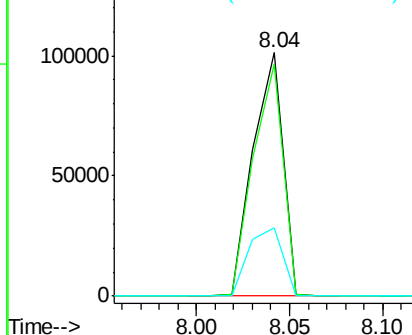


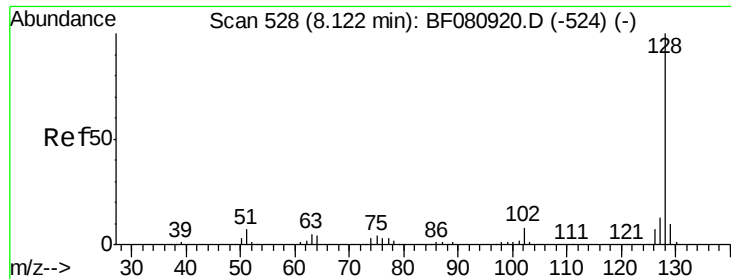
#30
 1,2,4-Trichlorobenzene
 Concen: 35.16 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.4	116.0
145	28.1	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

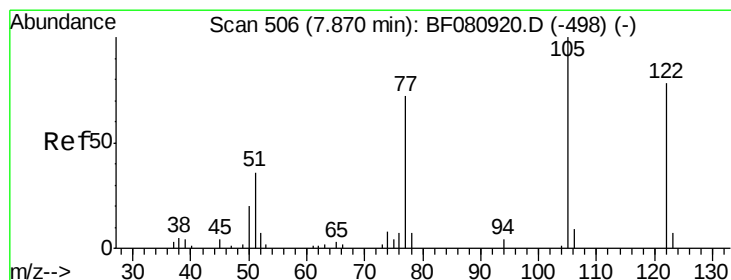
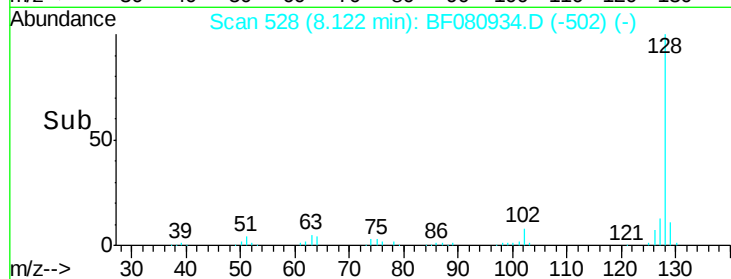
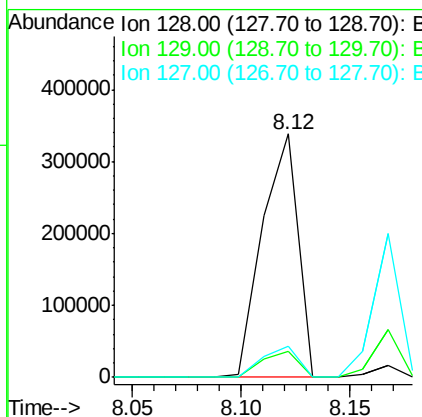
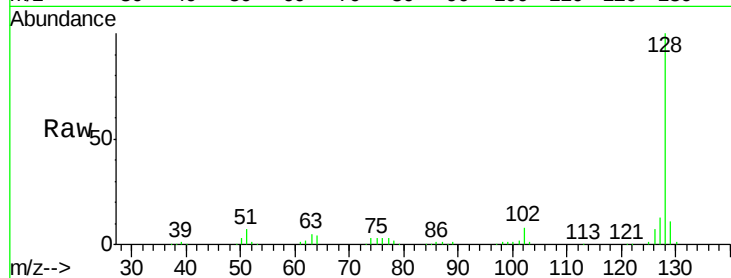




#31
Naphthalene
Concen: 34.19 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

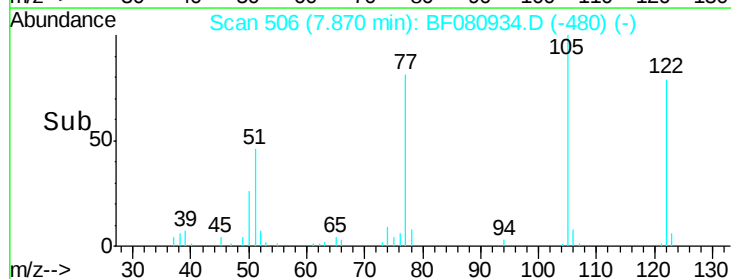
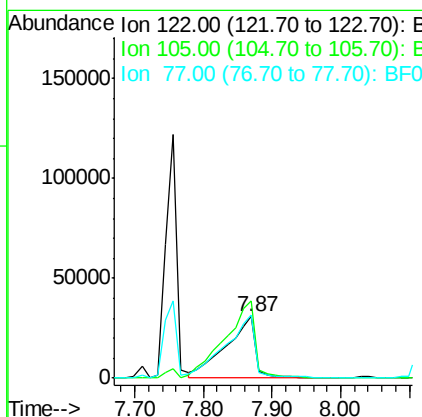
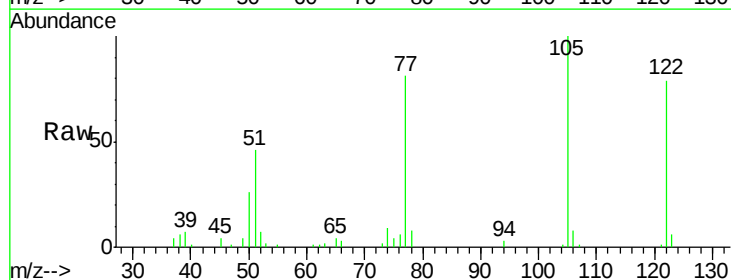
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 390117
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 10.5 15.7



#32
Benzoic acid
Concen: 44.68 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:122 Resp: 94963
Ion Ratio Lower Upper
122 100
105 125.8 103.6 143.6
77 101.9 70.4 110.4

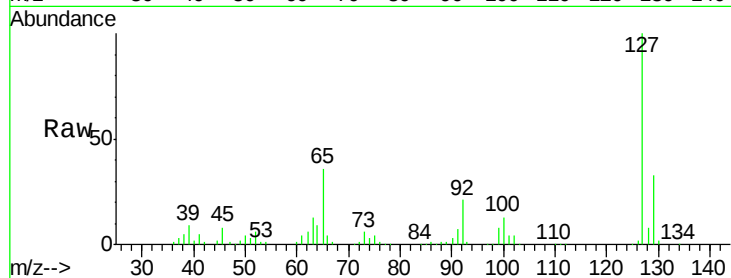




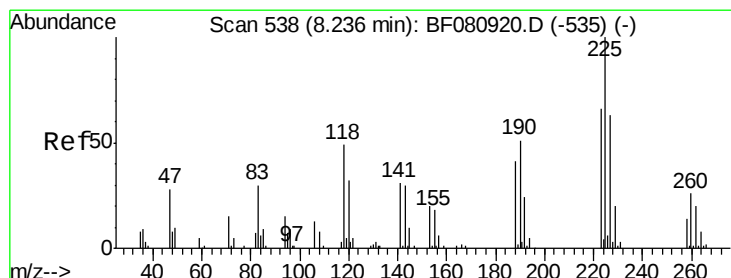
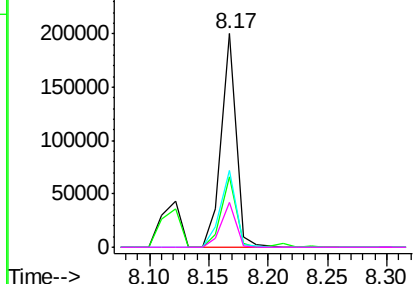
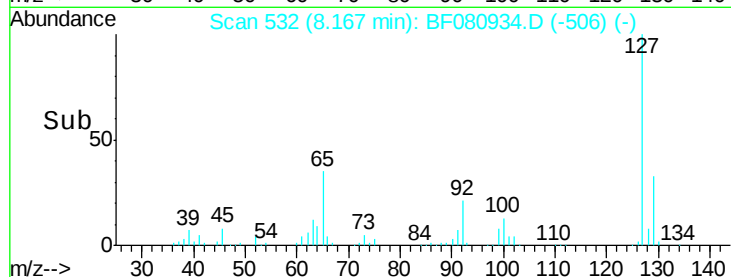
#33
4-Chloroaniline
Concen: 36.98 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 171493
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 35.8 30.6 45.8
92 20.9 16.9 25.3

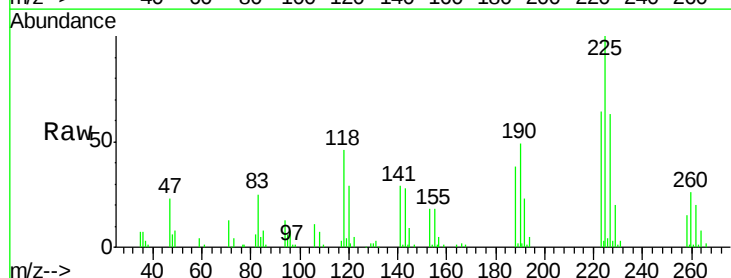


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

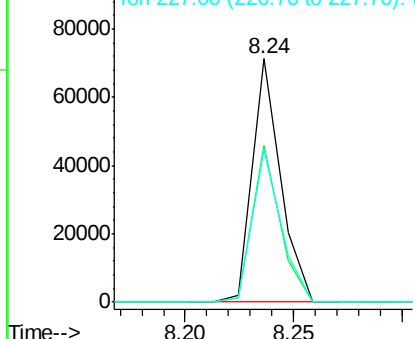
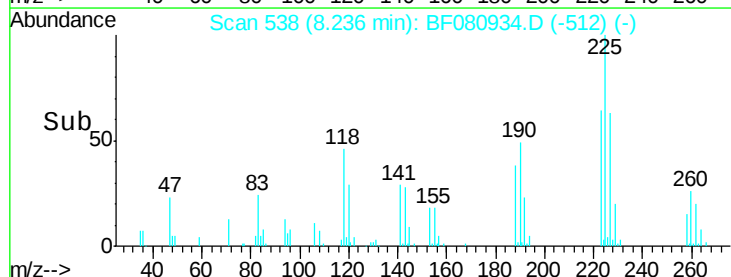


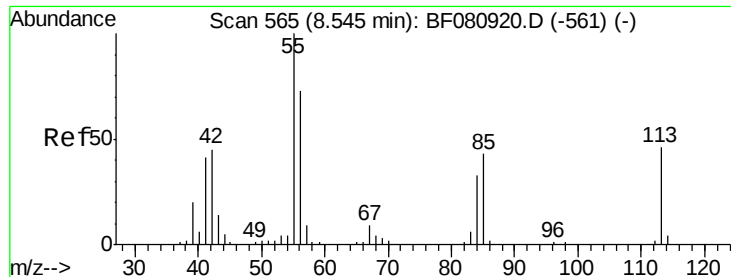
#34
Hexachlorobutadiene
Concen: 33.82 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:225 Resp: 64165
Ion Ratio Lower Upper
225 100
223 64.2 52.5 78.7
227 62.5 50.3 75.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.57 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

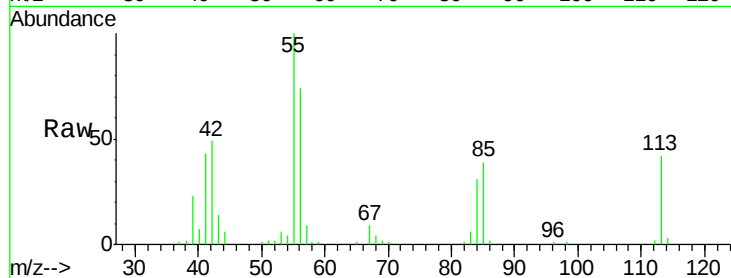
Tot Ion:113 Resp: 27880

Ion Ratio Lower Upper

113 100

55 240.2 196.4 236.4#

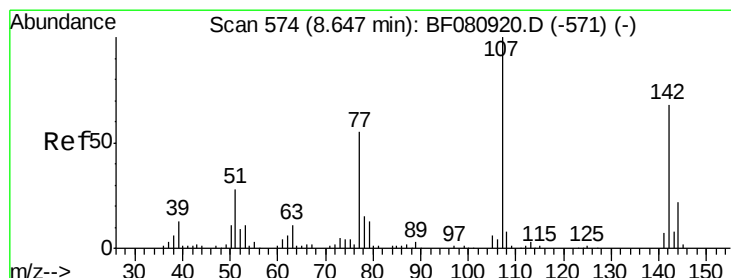
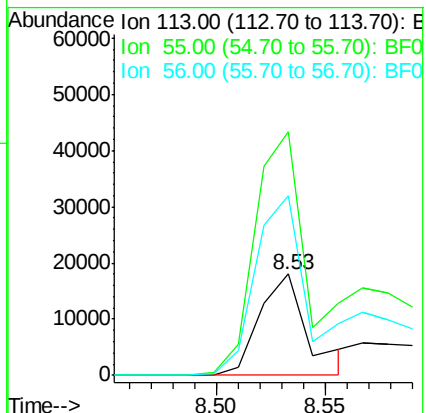
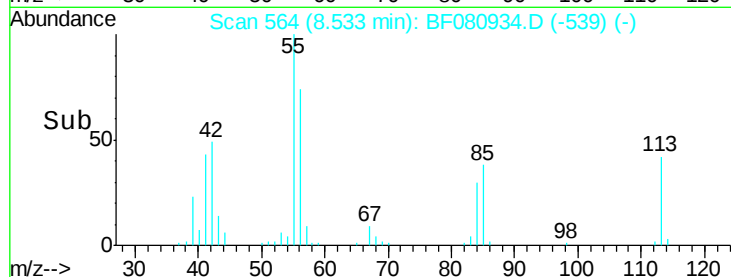
56 176.6 137.9 177.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.90 ng

RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

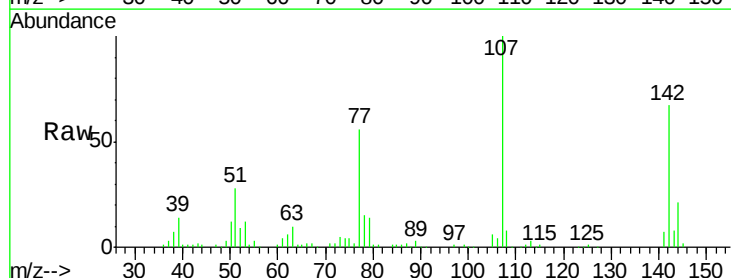
Tgt Ion:107 Resp: 131368

Ion Ratio Lower Upper

107 100

144 20.8 17.3 25.9

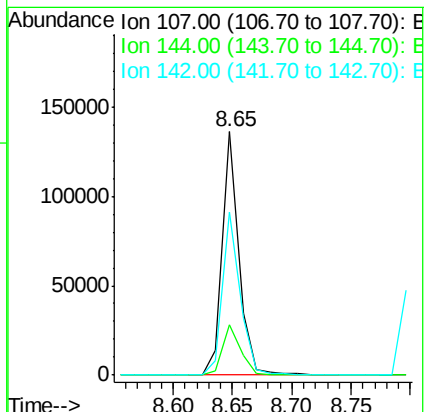
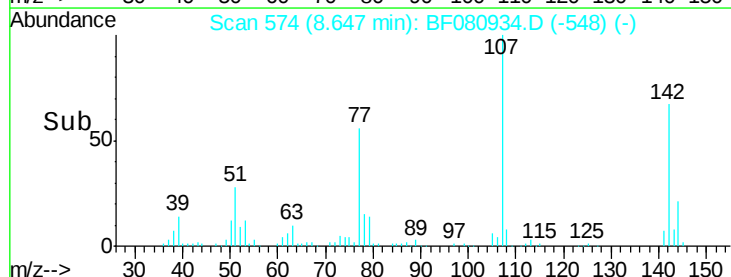
142 66.9 54.4 81.6

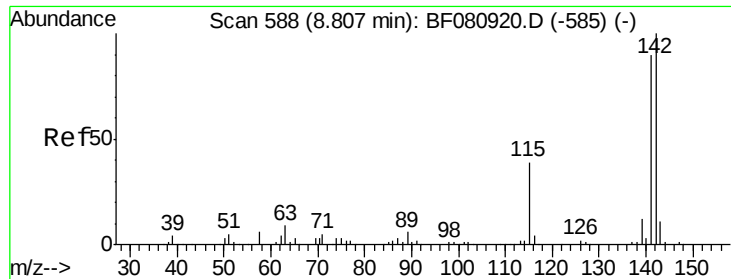


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

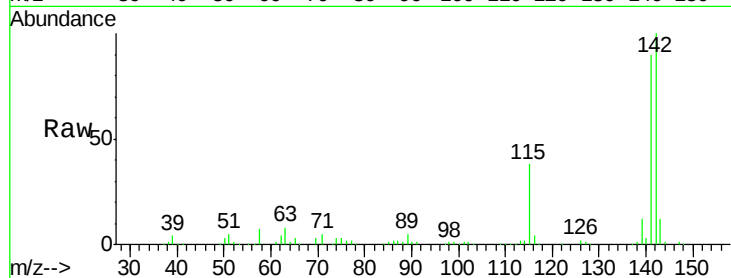




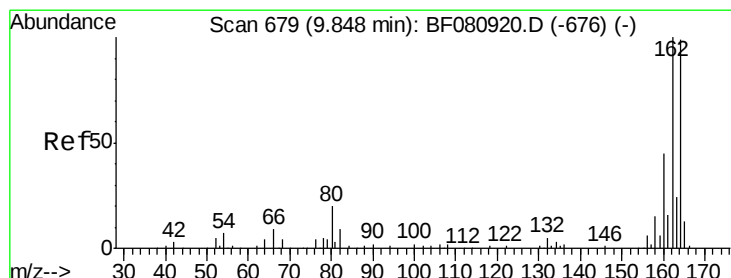
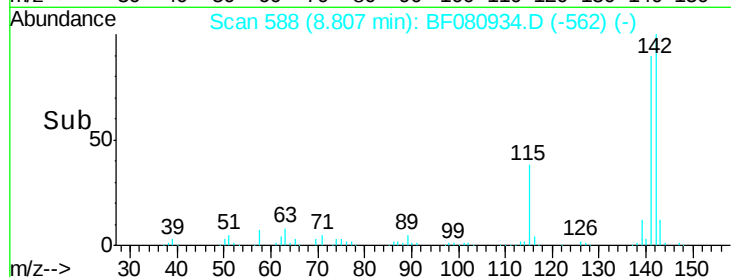
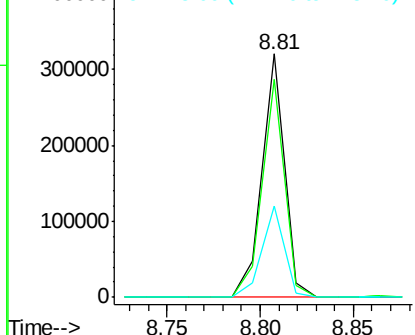
#37
 2-Methylnaphthalene
 Concen: 36.58 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 265744
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.7 107.5
 115 37.6 30.9 46.3

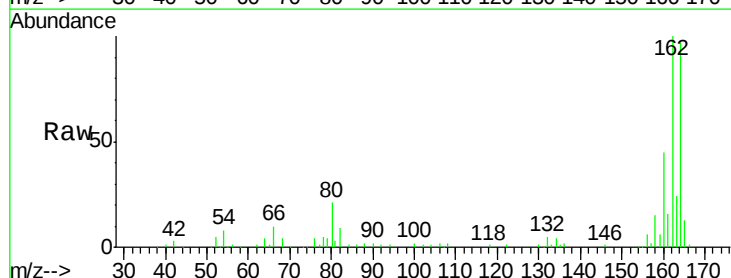


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

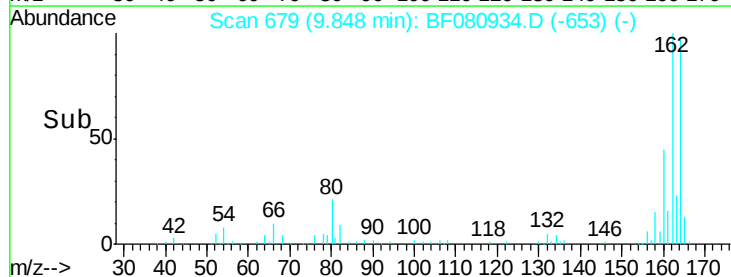
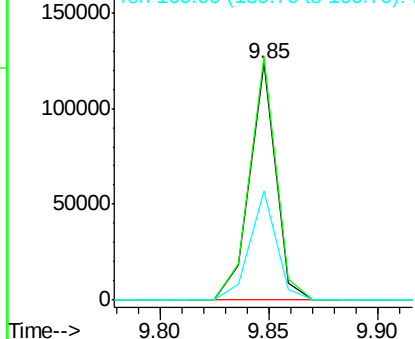


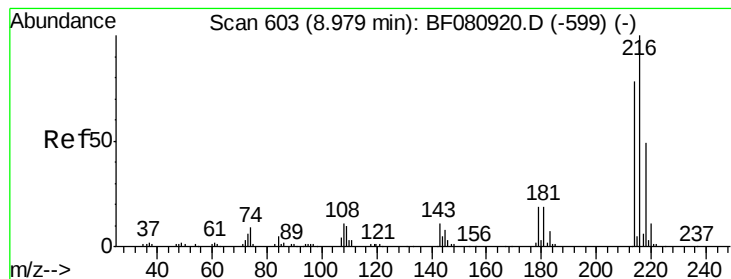
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:164 Resp: 103188
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.5 120.7
 160 46.2 36.6 54.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.21 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 108830

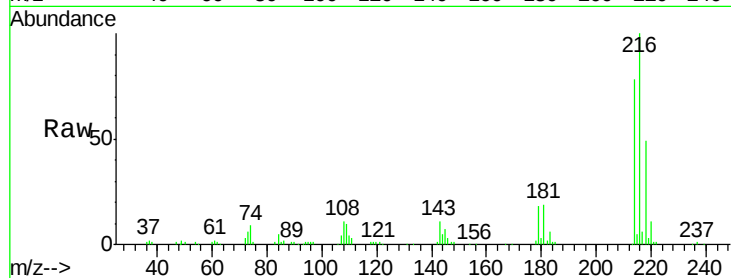
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 20.9 17.2 25.8

108 21.4 16.1 24.1

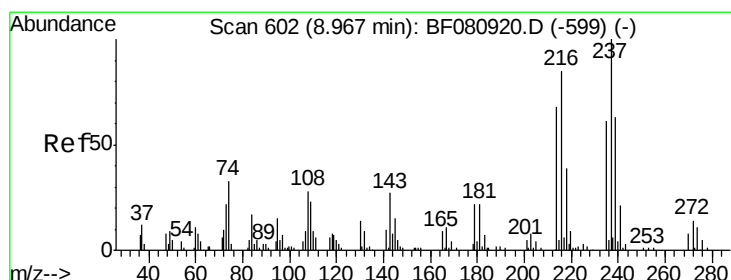
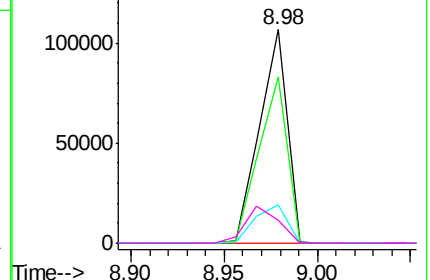
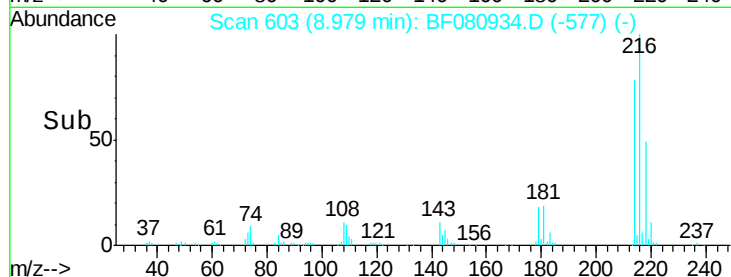


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.52 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

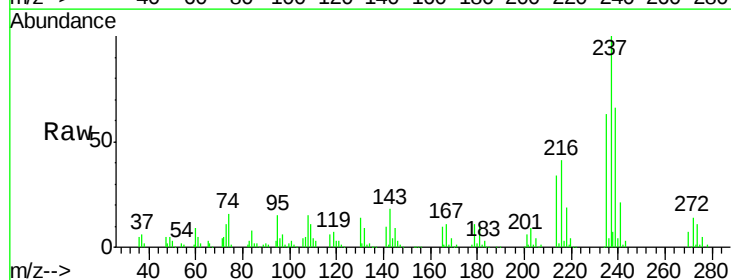
Tgt Ion:237 Resp: 118934

Ion Ratio Lower Upper

237 100

235 62.9 41.3 81.3

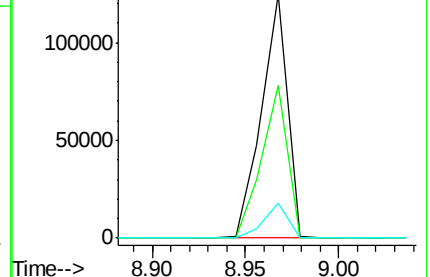
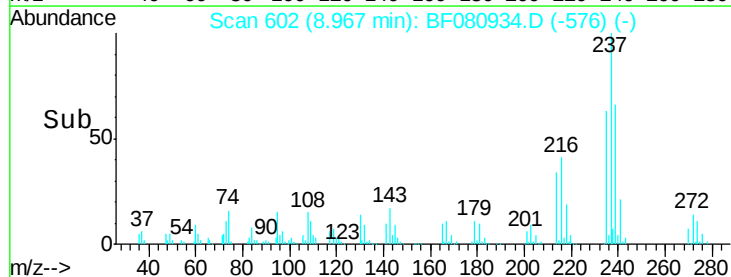
272 14.4 0.0 33.6

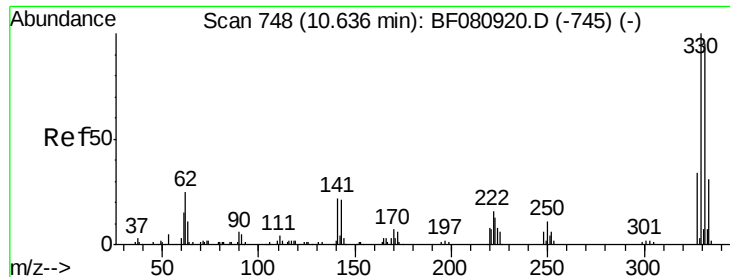


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

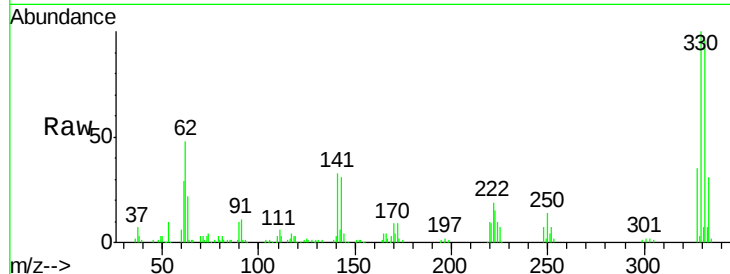




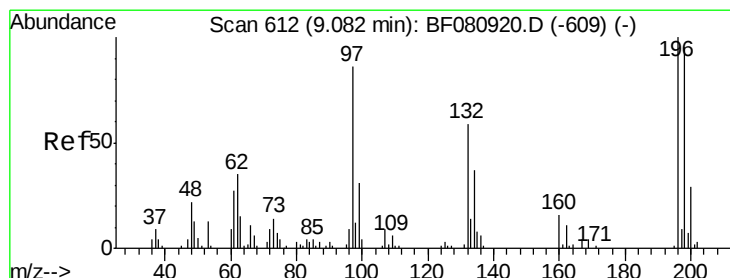
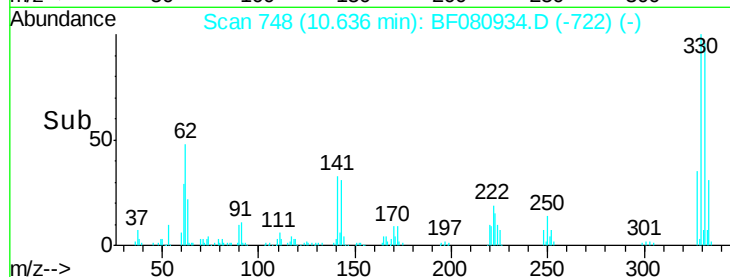
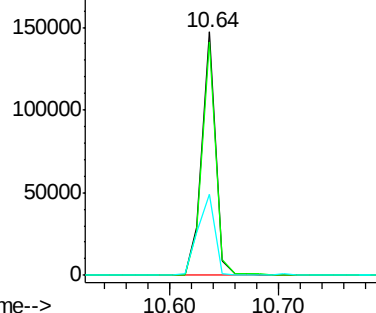
#41
 2,4,6-Tribromophenol
 Concen: 114.16 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	41.2	27.8	41.8

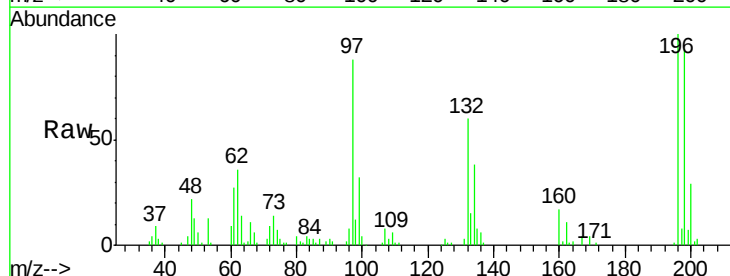


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

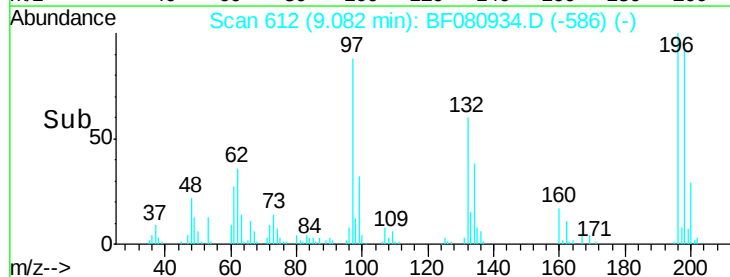
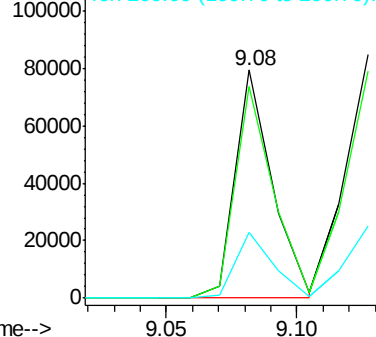


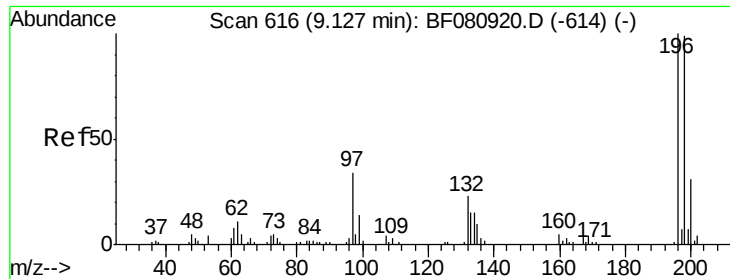
#42
 2,4,6-Trichlorophenol
 Concen: 33.88 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.7	75.9	113.9
200	29.1	23.1	34.7



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

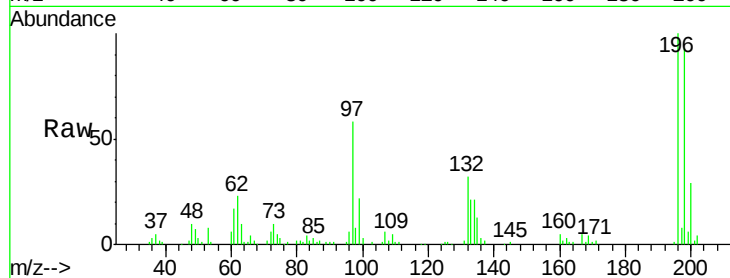




#43
 2,4,5-Trichlorophenol
 Concen: 38.80 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.4	78.9	118.3
97	58.1	29.1	43.7#
132	31.5	19.1	28.7#



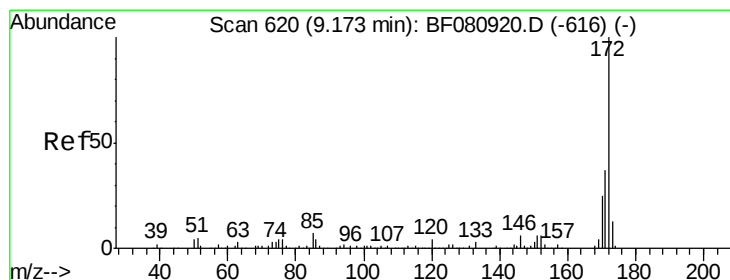
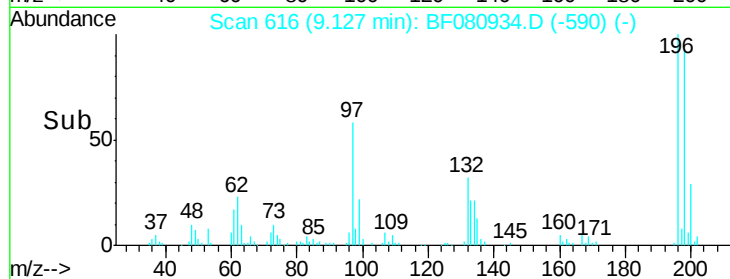
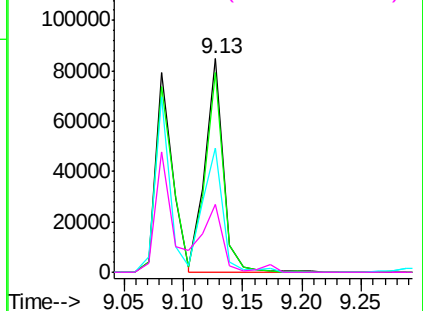
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

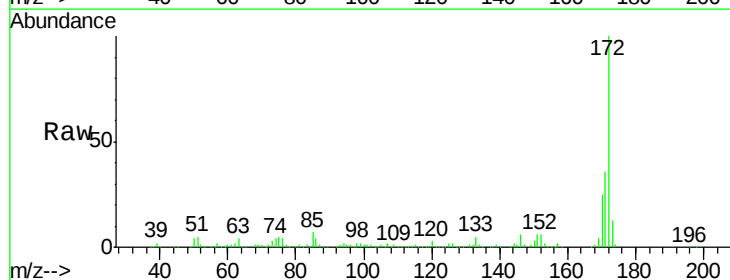
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.41 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.6	19.7	29.5

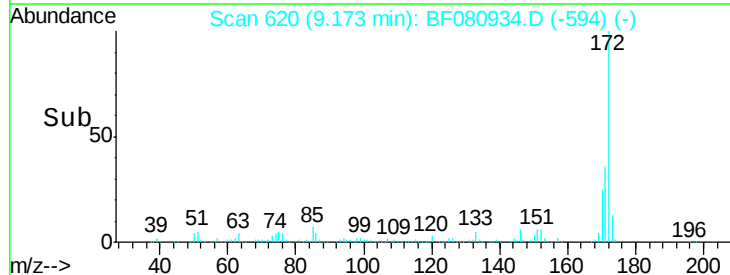
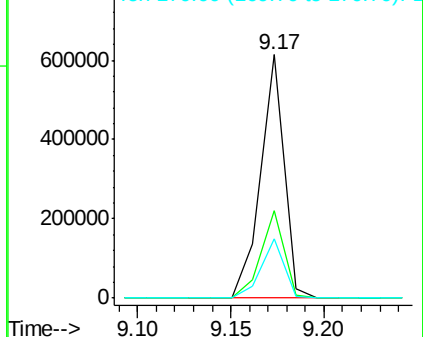


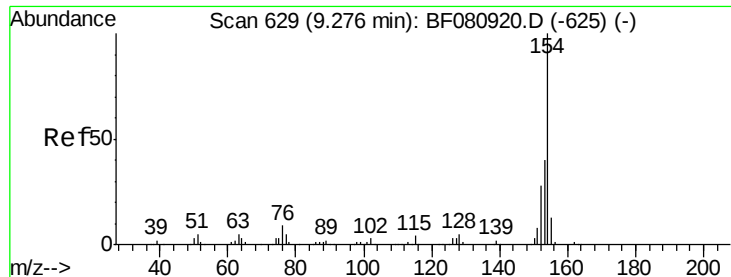
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.46 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

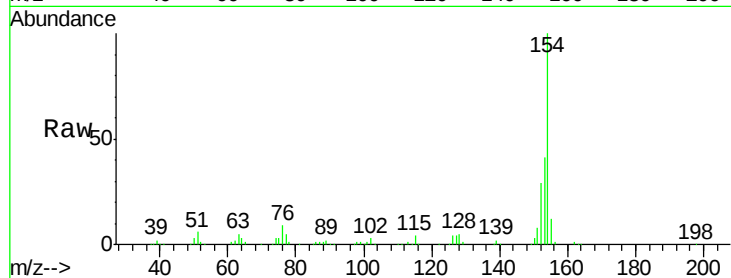
Tot Ion:154 Resp: 340612

Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

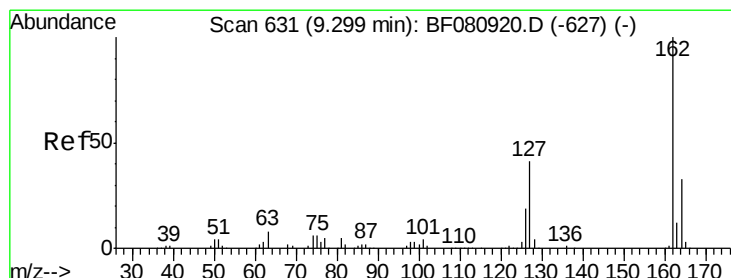
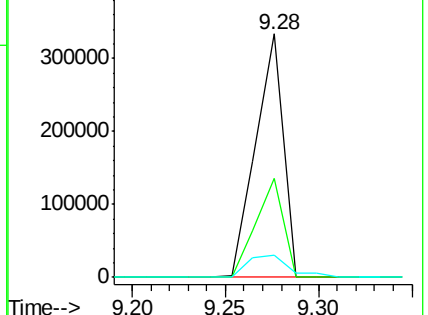
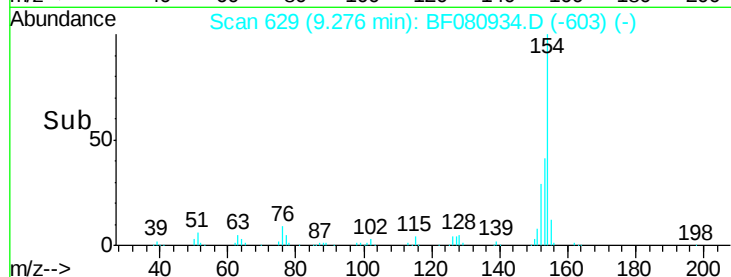
76 9.3 0.0 29.3



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: 37.21 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

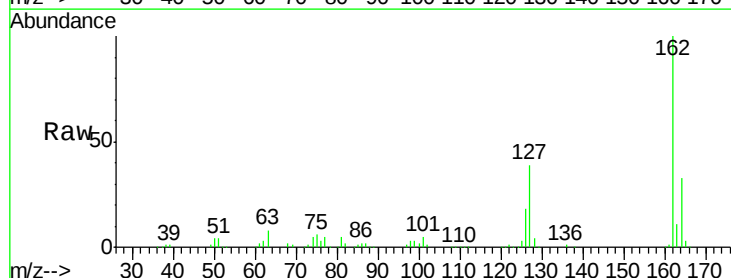
Tgt Ion:162 Resp: 256950

Ion Ratio Lower Upper

162 100

127 39.2 32.5 48.7

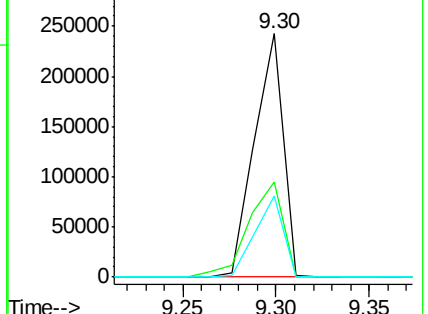
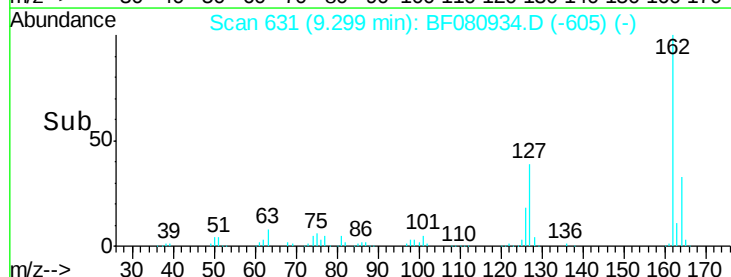
164 33.1 26.2 39.4

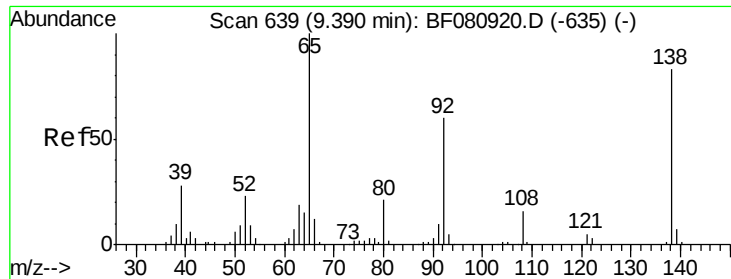


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

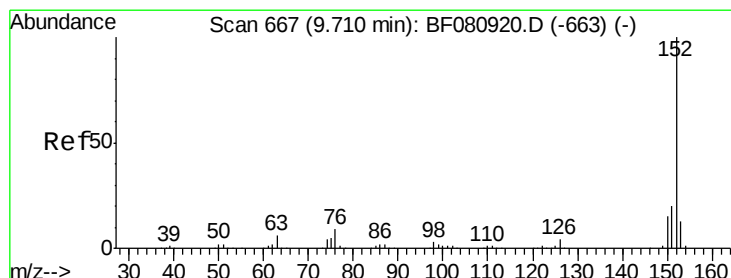
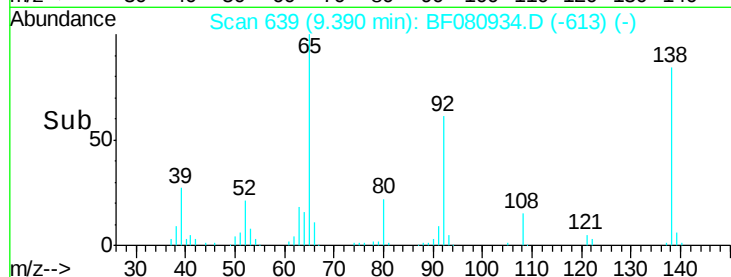
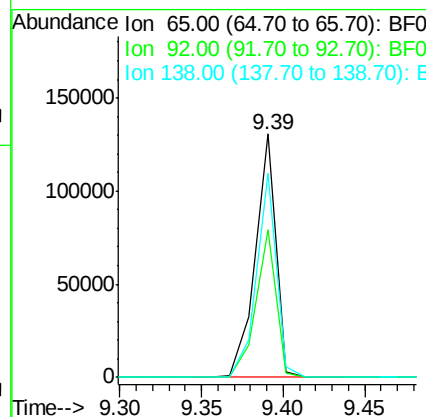
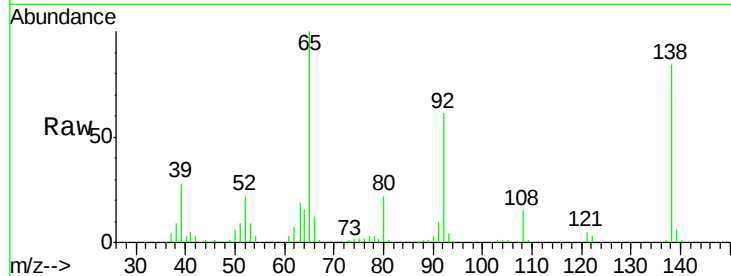




#47
 2-Nitroaniline
 Concen: 41.42 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

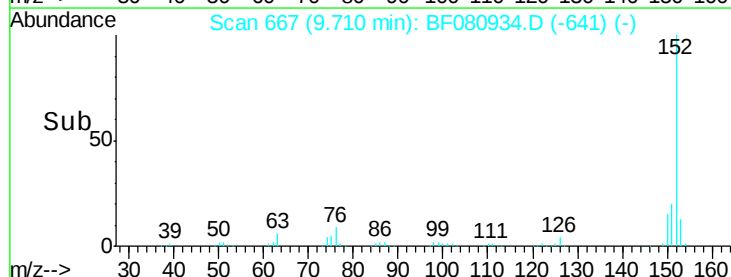
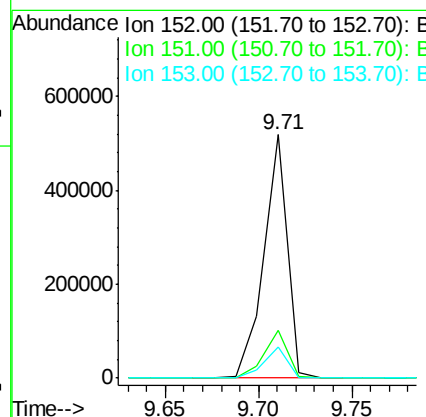
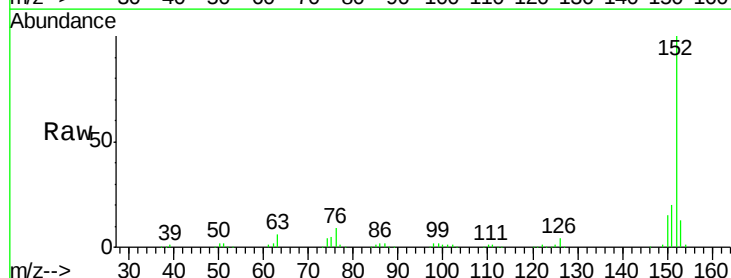
Instrument :
 BNA_F
 ClientSampleId :

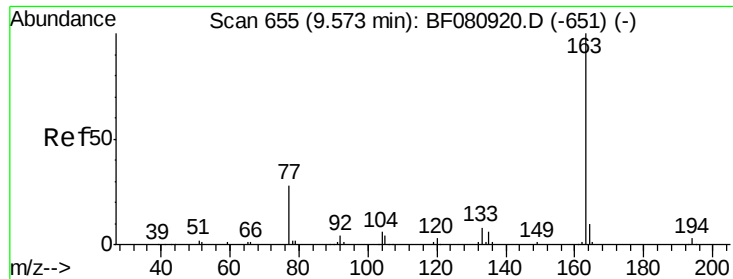
Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	48.0	72.0
138	83.8	66.1	99.1



#48
 Acenaphthylene
 Concen: 38.04 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	12.9	10.5	15.7

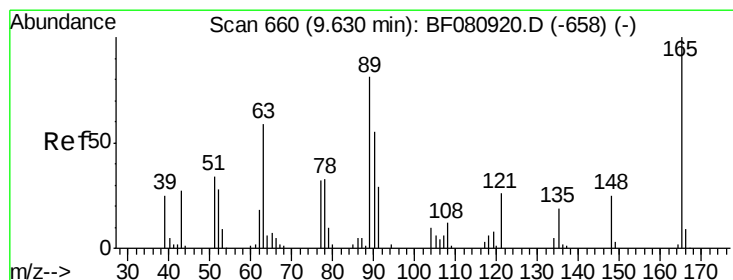
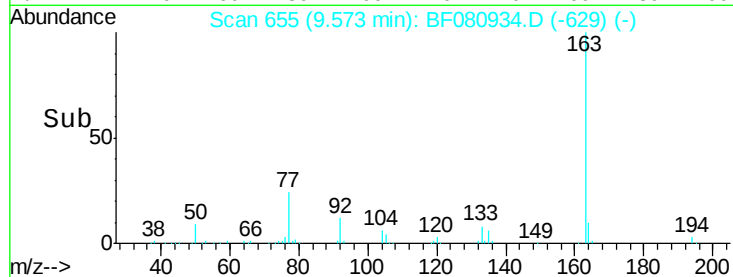
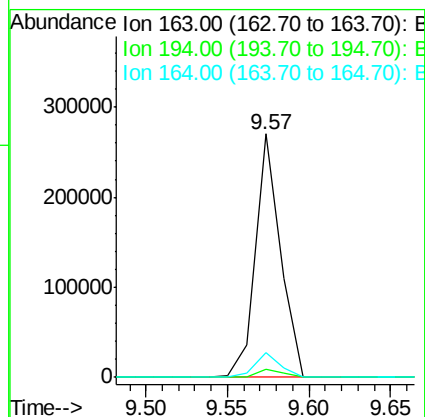
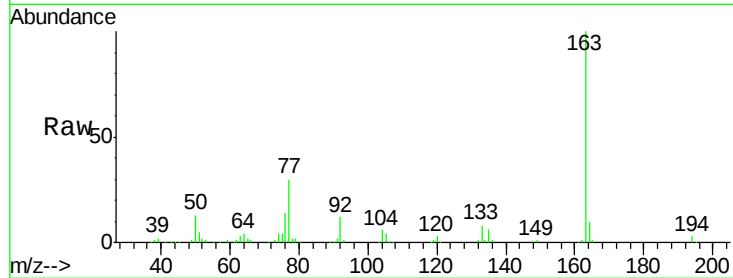




#49
Dimethylphthalate
Concen: 33.56 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

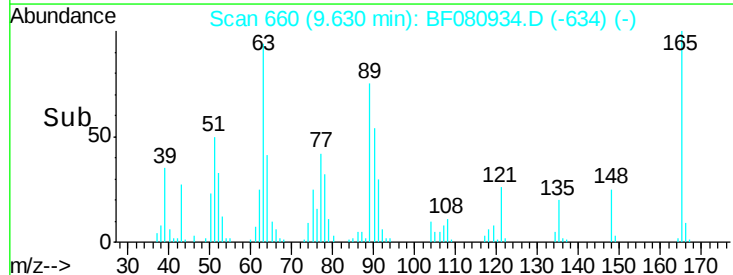
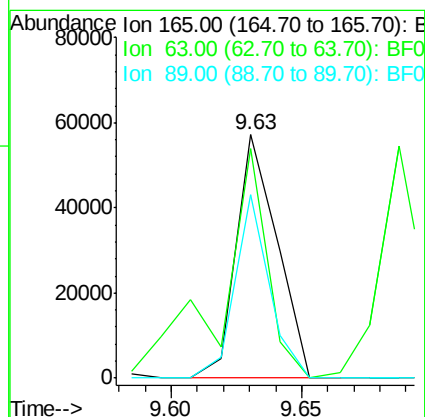
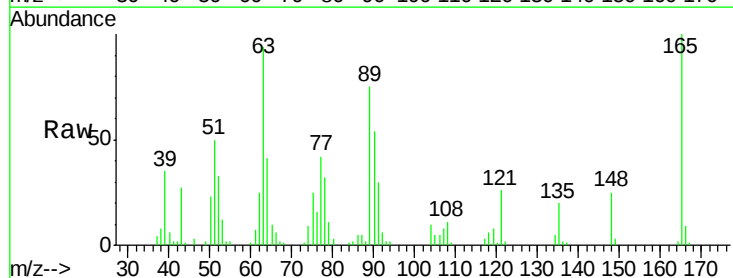
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 287676
Ion Ratio Lower Upper
163 100
194 3.2 2.4 3.6
164 10.4 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 35.50 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:165 Resp: 62869
Ion Ratio Lower Upper
165 100
63 94.3 77.6 116.4
89 75.4 64.5 96.7

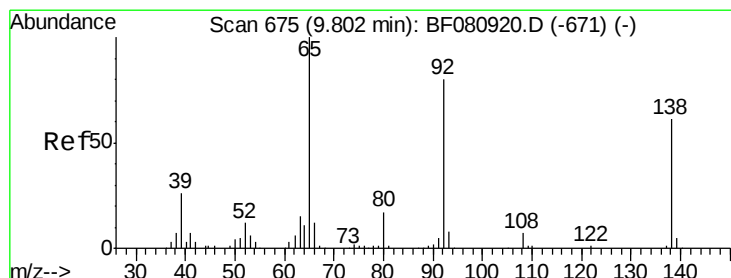
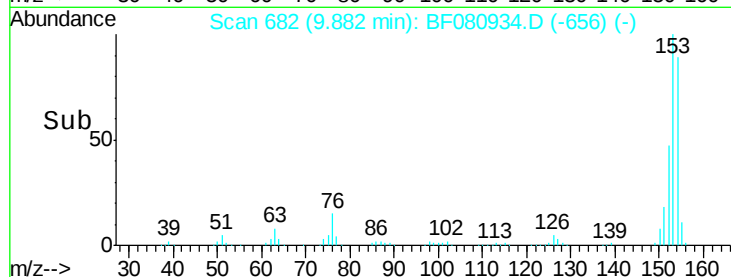
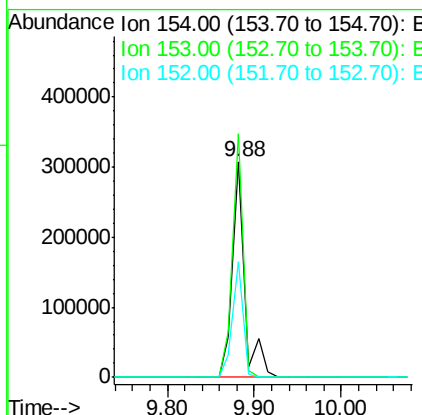
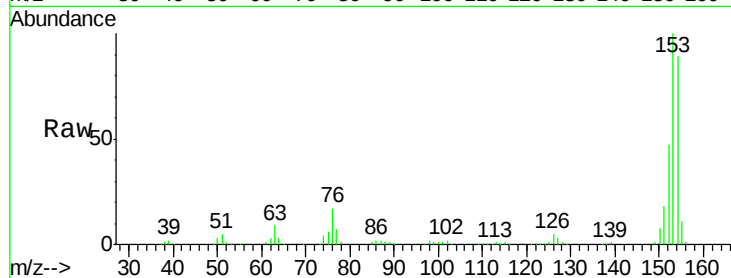




#51
Acenaphthene
Concen: 41.63 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

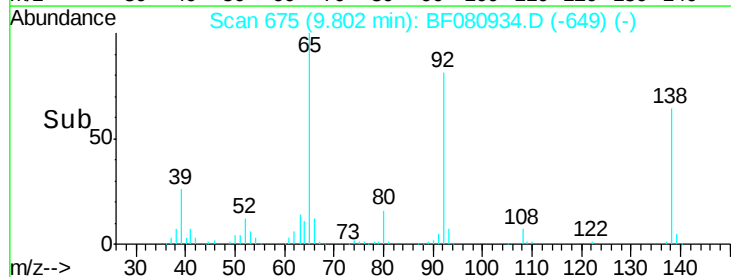
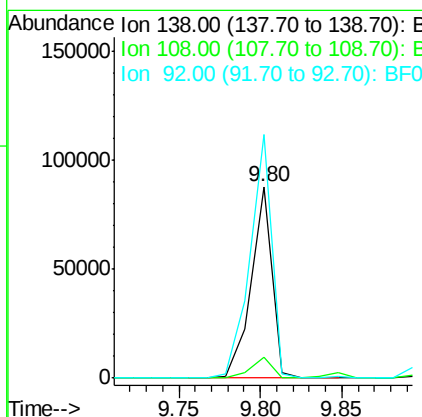
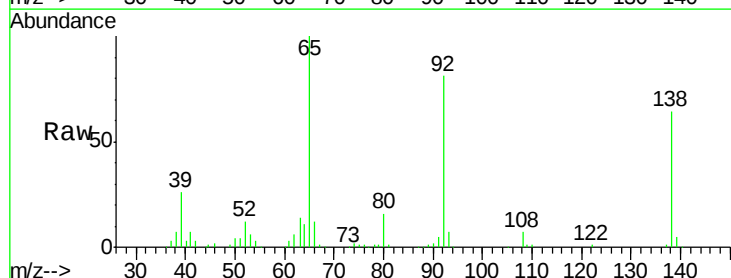
Instrument :
BNA_F
ClientSampleId :

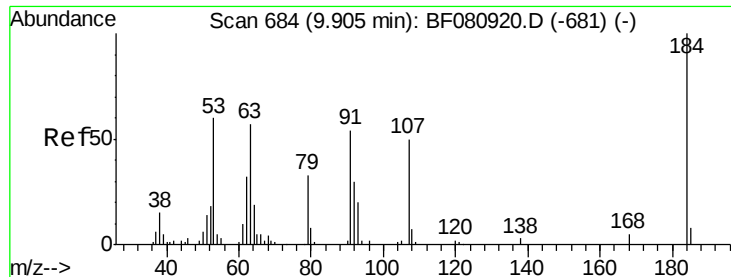
Tot Ion:154 Resp: 306006
Ion Ratio Lower Upper
154 100
153 112.9 91.4 137.2
152 53.4 44.2 66.4



#52
3-Nitroaniline
Concen: 36.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:138 Resp: 78604
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 127.1 104.4 156.6

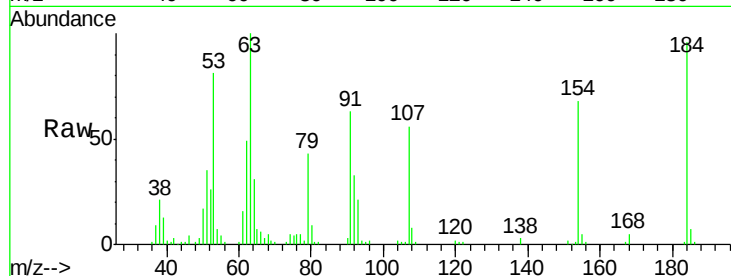




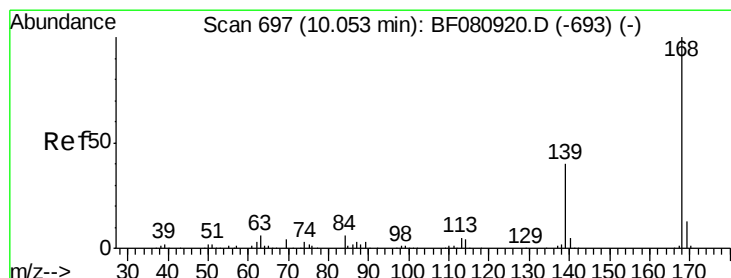
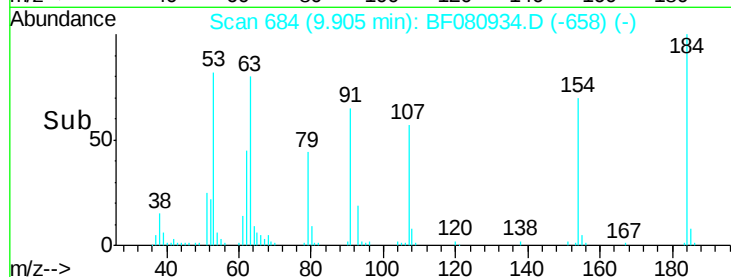
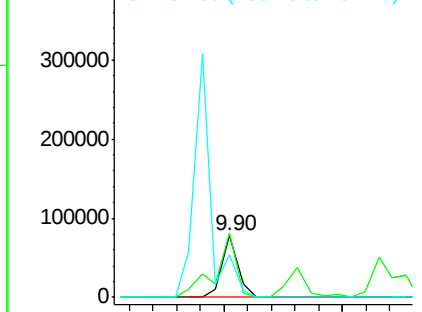
#53
 2,4-Dinitrophenol
 Concen: 68.53 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 72702
 Ion Ratio Lower Upper
 184 100
 63 104.3 59.7 89.5#
 154 70.4 53.8 80.8

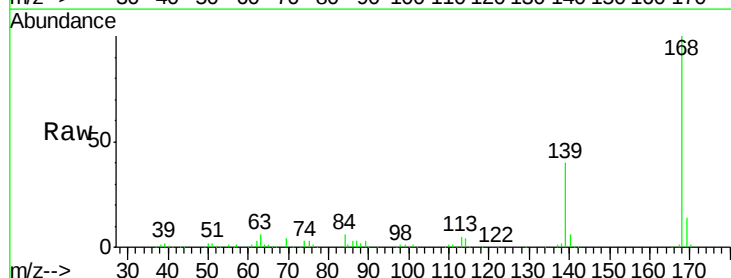


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

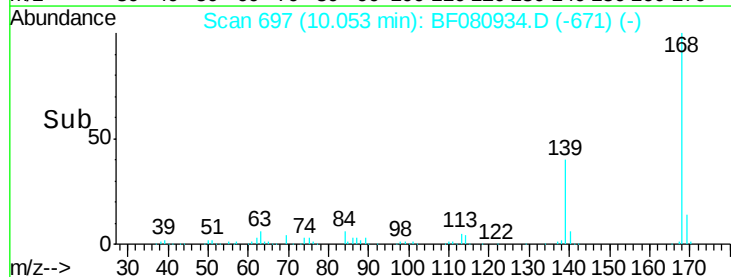
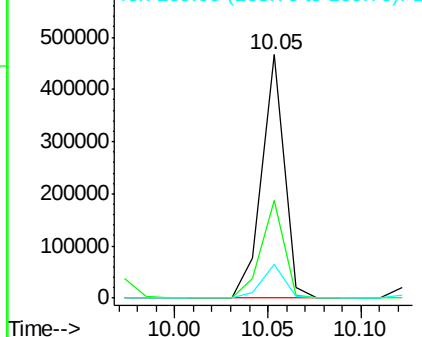


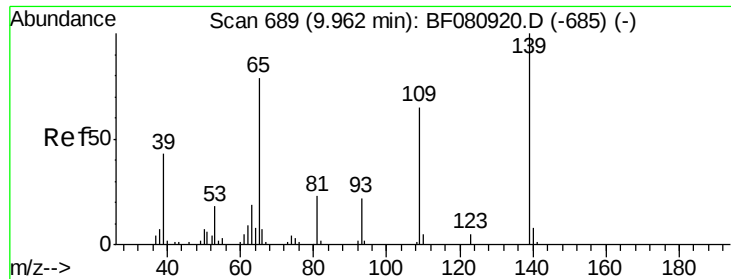
#54
 Dibenzofuran
 Concen: 39.05 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:168 Resp: 388223
 Ion Ratio Lower Upper
 168 100
 139 40.3 31.9 47.9
 169 13.7 10.6 15.8



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

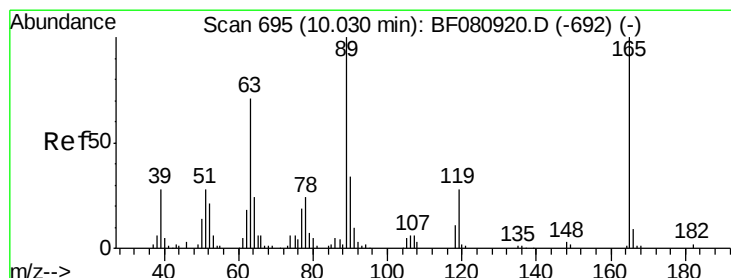
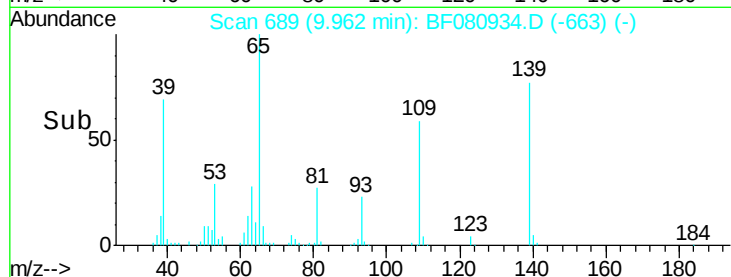
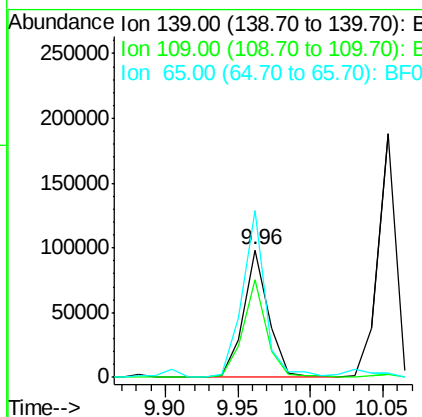
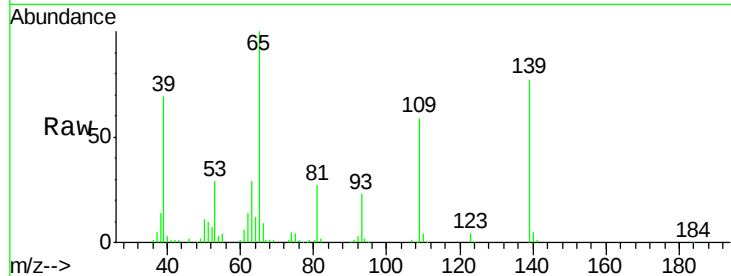




#55
4-Nitrophenol
Concen: 72.81 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

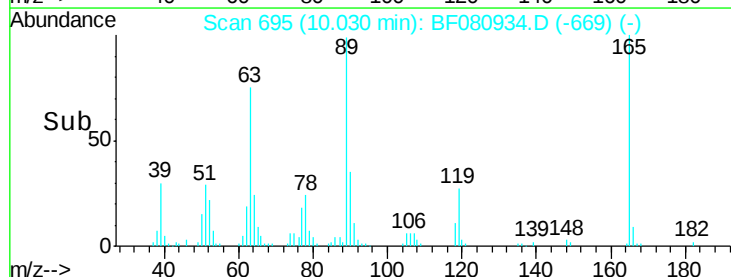
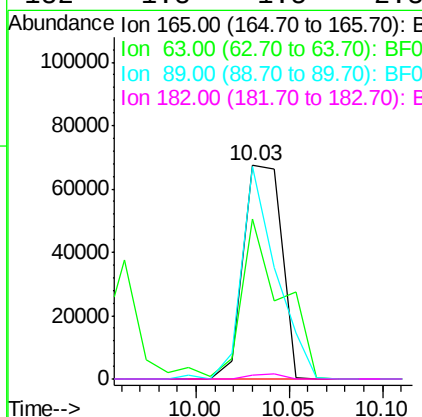
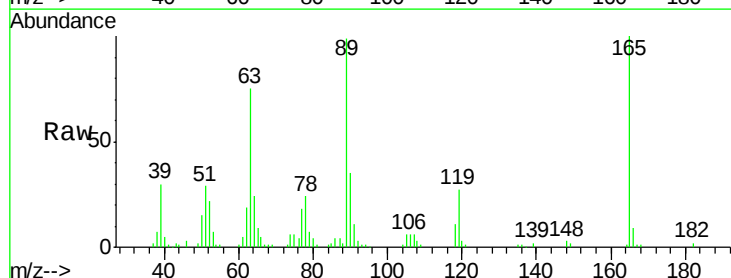
Instrument :
BNA_F
ClientSampleId :

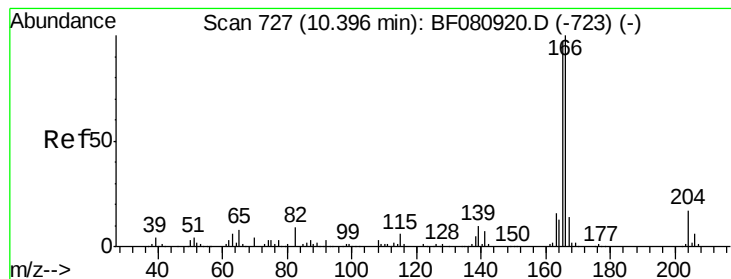
Tot Ion:139 Resp: 118976
Ion Ratio Lower Upper
139 100
109 76.4 44.7 84.7
65 130.6 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 40.48 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:165 Resp: 95929
Ion Ratio Lower Upper
165 100
63 75.2 56.7 85.1
89 99.5 80.4 120.6
182 1.8 1.5 2.3





#57

Fluorene

Concen: 41.12 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

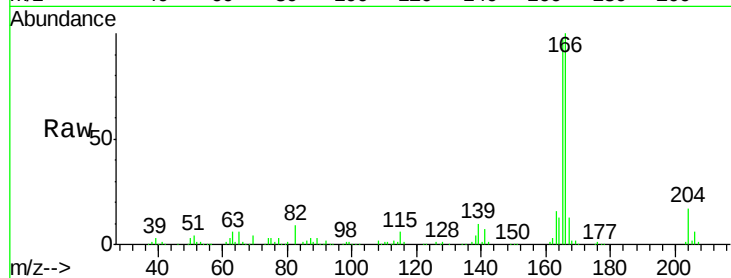
Tot Ion:166 Resp: 316168

Ion Ratio Lower Upper

166 100

165 96.9 77.2 115.8

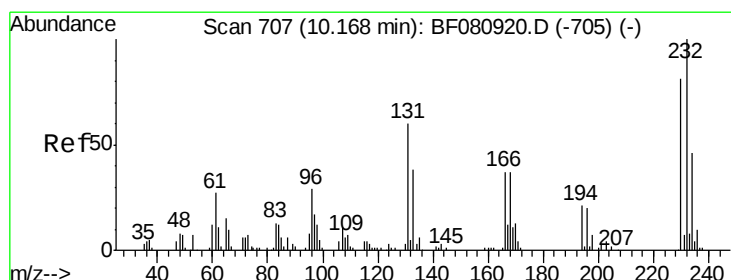
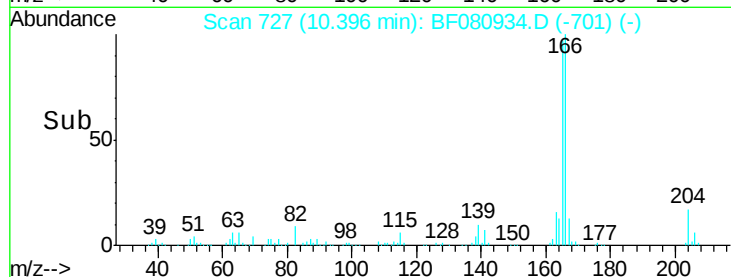
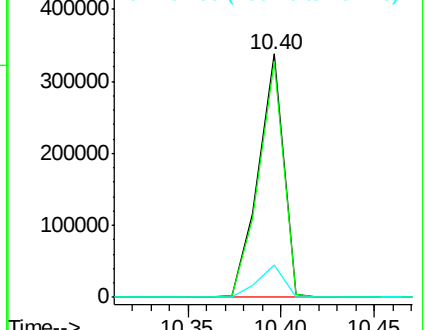
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.39 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Tgt Ion:232 Resp: 71381

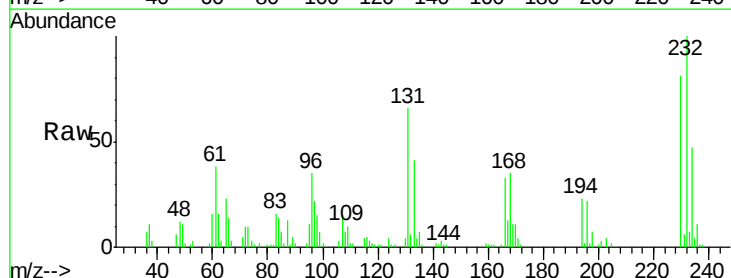
Ion Ratio Lower Upper

232 100

131 48.2 39.4 59.2

130 2.5 2.1 3.1

166 27.2 21.7 32.5

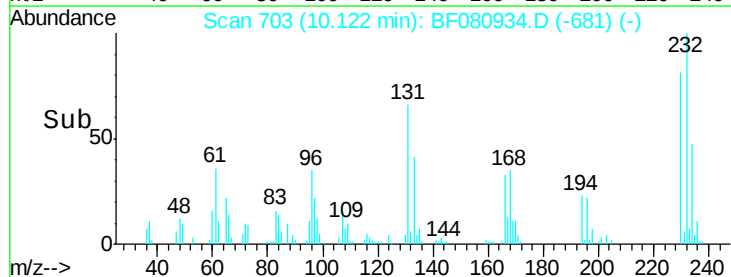
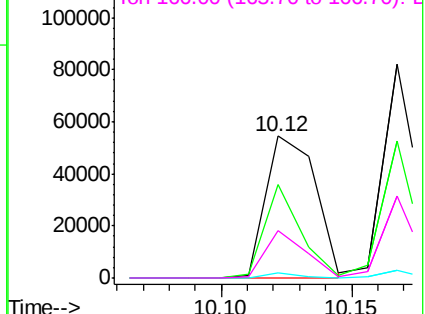


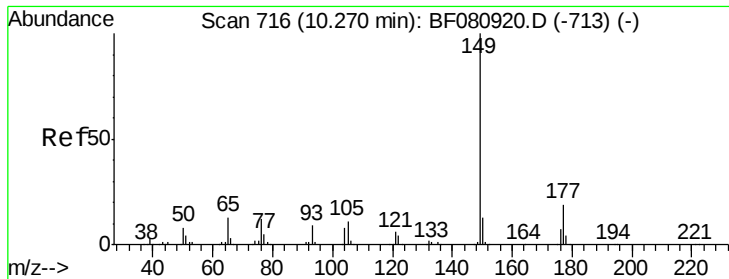
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

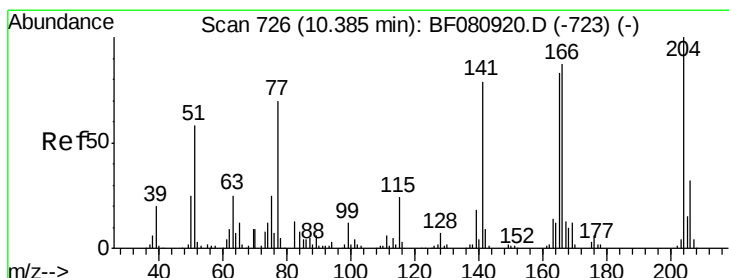
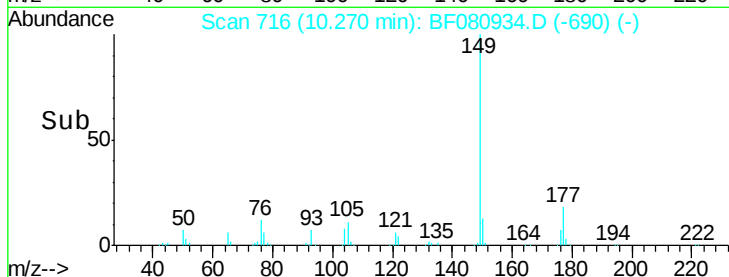
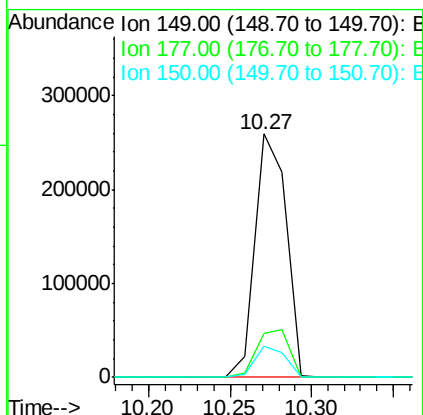
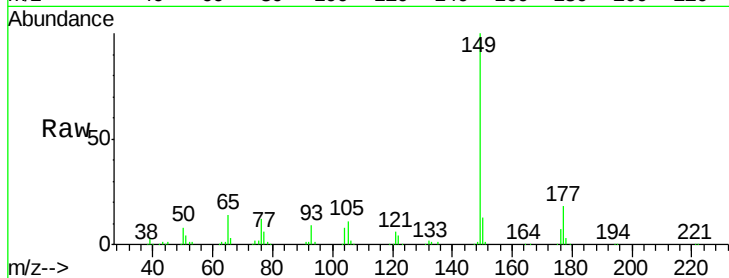




#59
Diethylphthalate
Concen: 38.61 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

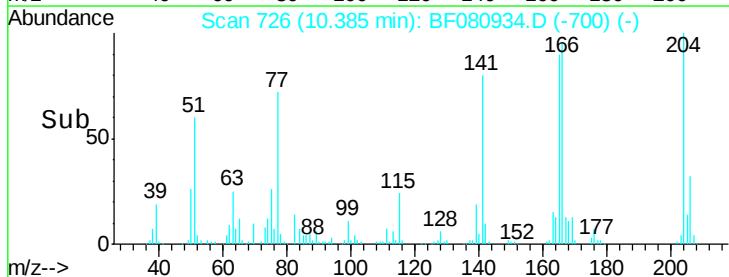
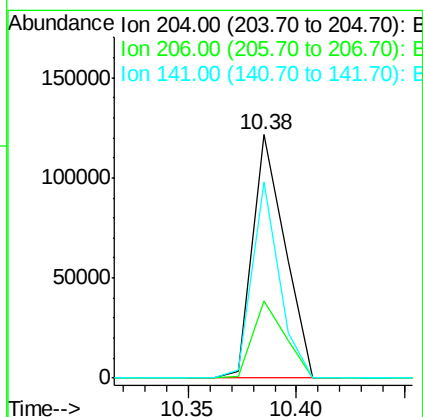
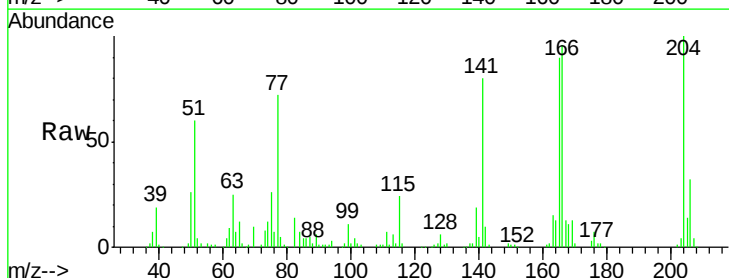
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 344456
Ion Ratio Lower Upper
149 100
177 18.3 15.0 22.4
150 12.7 10.4 15.6



#60
4-Chlorophenyl-phenylether
Concen: 33.57 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:204 Resp: 125774
Ion Ratio Lower Upper
204 100
206 31.9 25.5 38.3
141 80.4 63.4 95.0

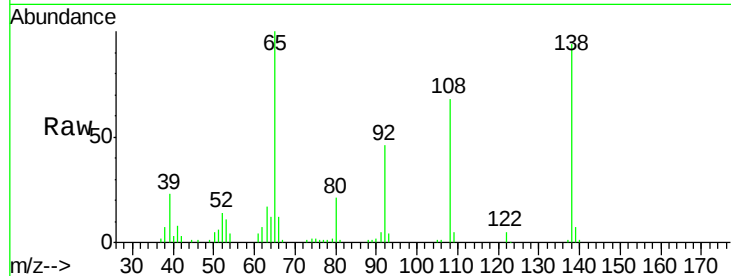




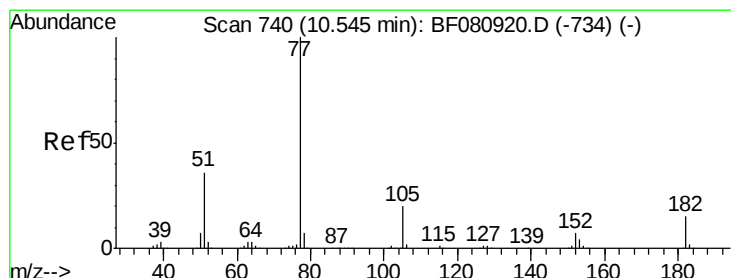
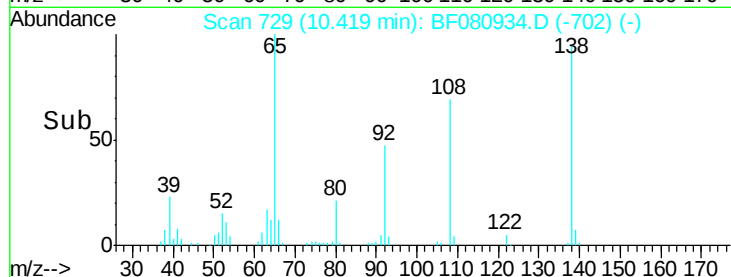
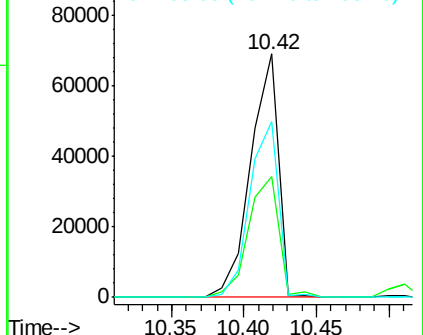
#61
4-Nitroaniline
Concen: 40.63 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91261
Ion Ratio Lower Upper
138 100
92 49.4 38.1 78.1
108 72.2 59.9 99.9

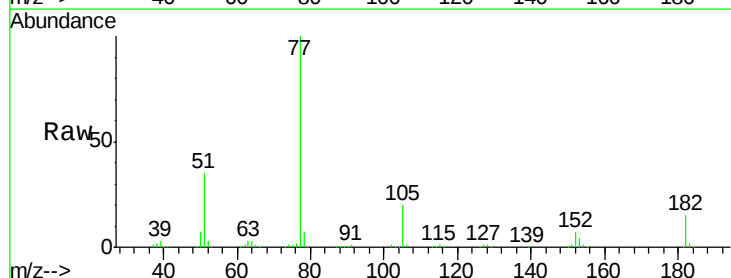


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

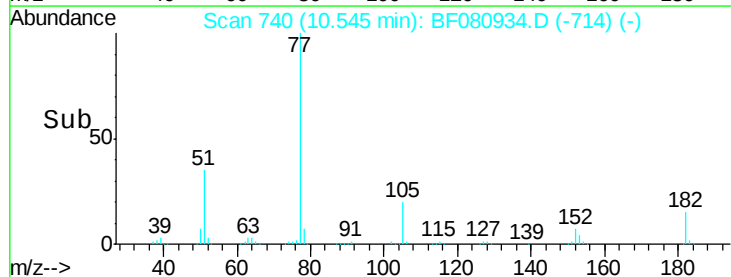
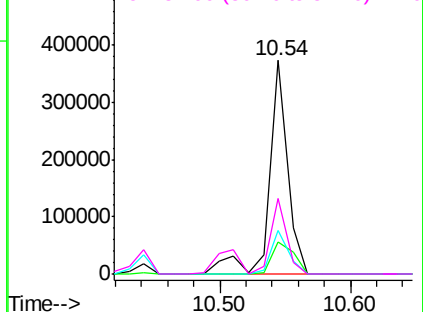


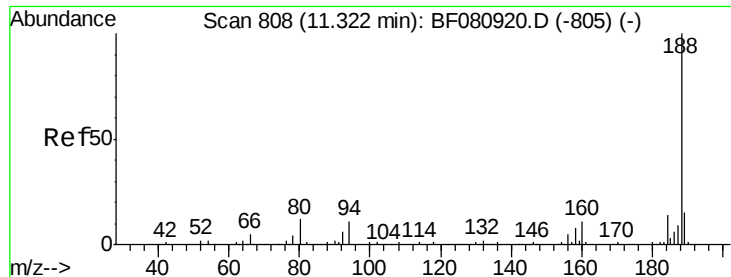
#62
Azobenzene
Concen: 37.36 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion: 77 Resp: 372719
Ion Ratio Lower Upper
77 100
182 15.2 0.0 35.5
105 20.2 0.5 40.5
51 35.3 15.6 55.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

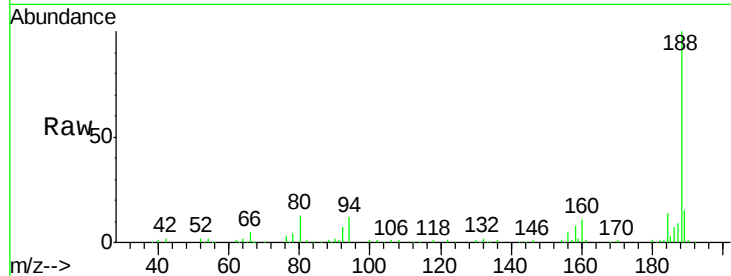




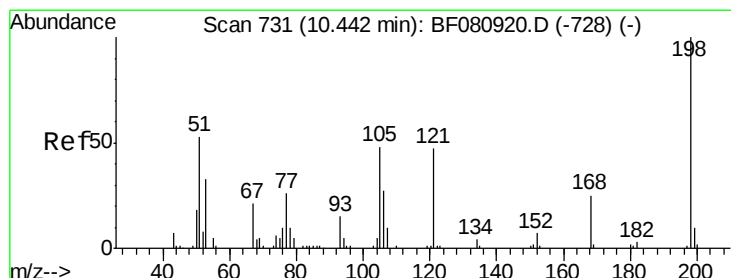
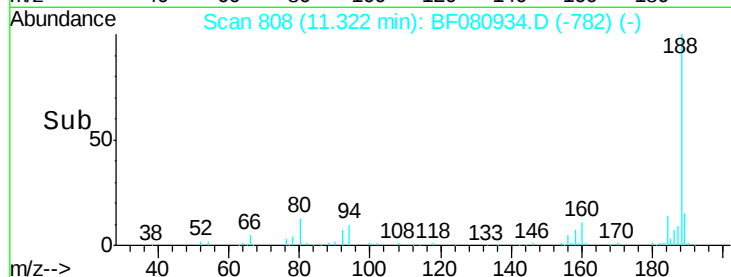
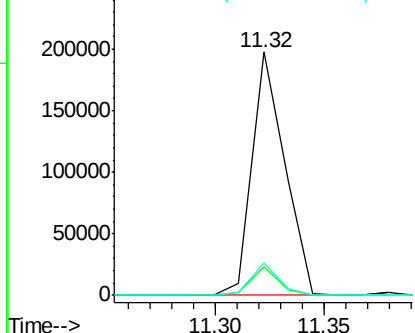
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 207296
Ion Ratio Lower Upper
188 100
94 12.0 8.8 13.2
80 13.1 9.5 14.3

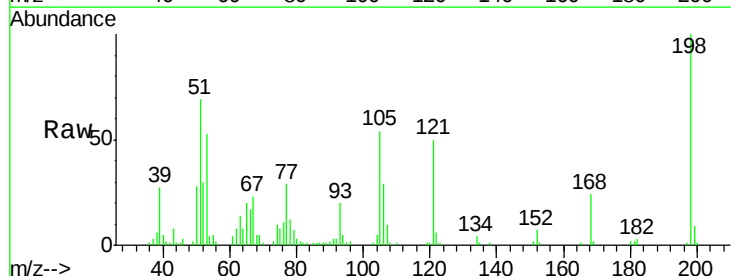


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

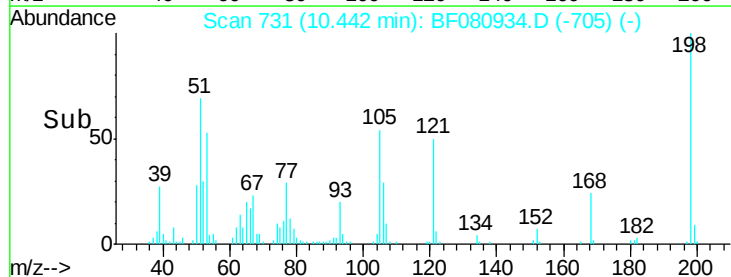
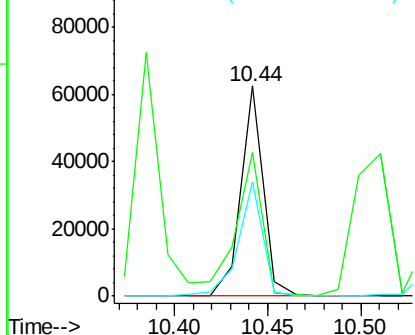


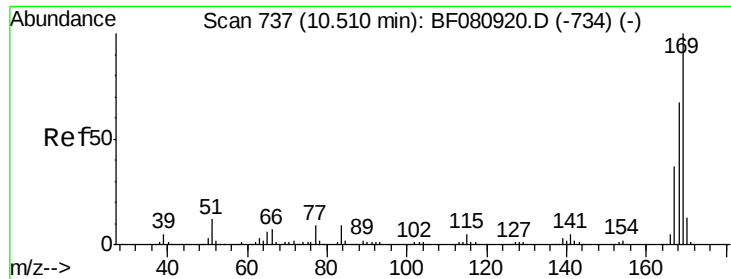
#64
4,6-Dinitro-2-methylphenol
Concen: 40.55 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:198 Resp: 52090
Ion Ratio Lower Upper
198 100
51 68.6 40.3 80.3
105 54.5 29.6 69.6



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

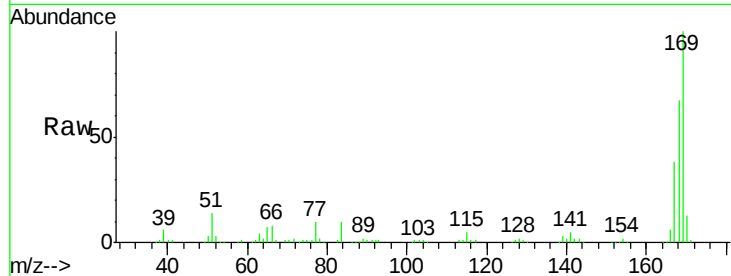




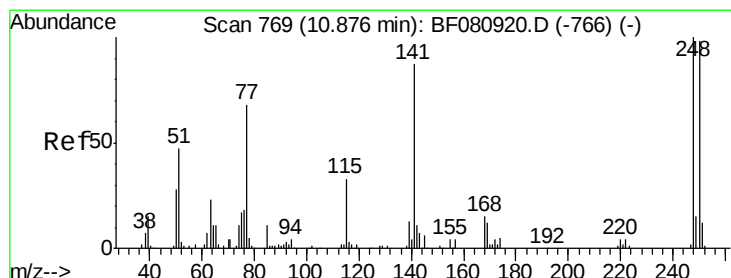
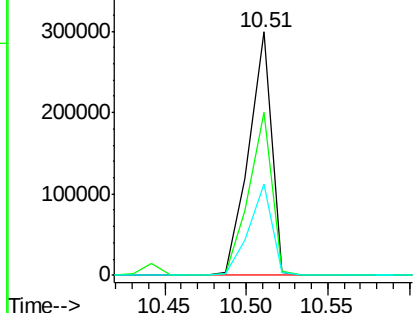
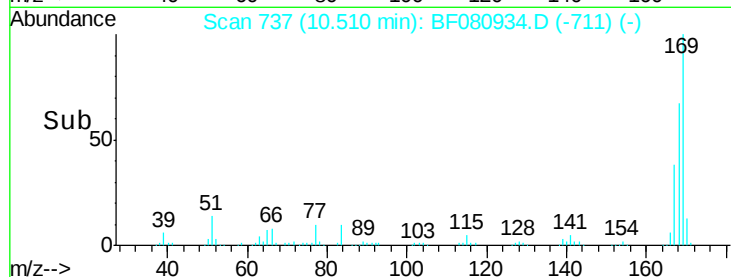
#65
 n-Nitrosodiphenylamine
 Concen: 40.56 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.8	53.7	80.5
167	37.6	29.3	43.9

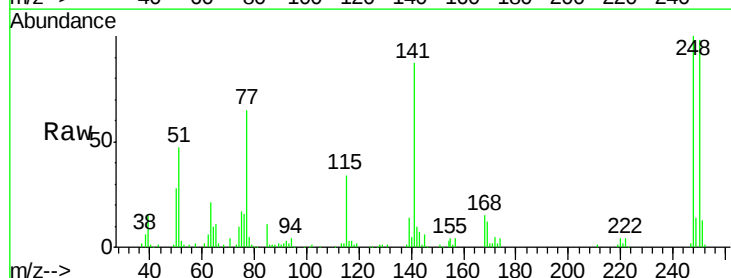


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

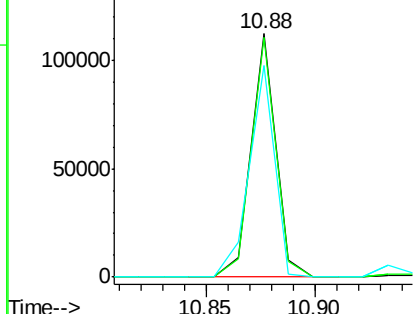
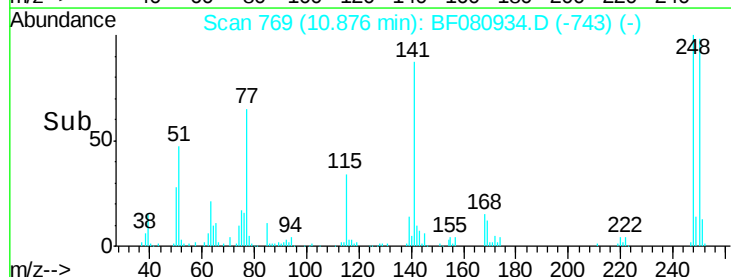


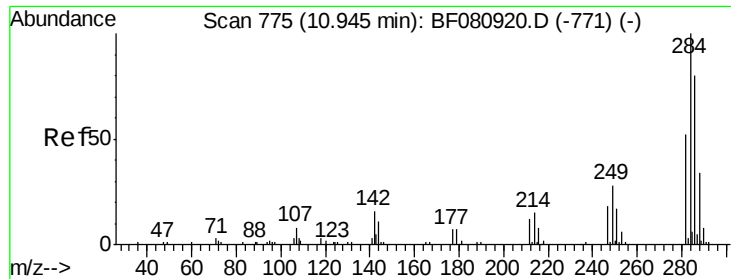
#66
 4-Bromophenyl-phenylether
 Concen: 40.31 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.1	117.1
141	87.1	69.6	104.4



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

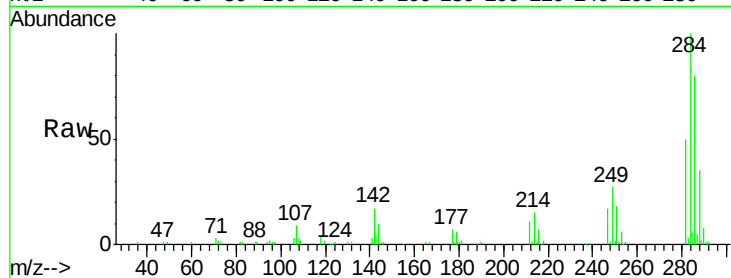




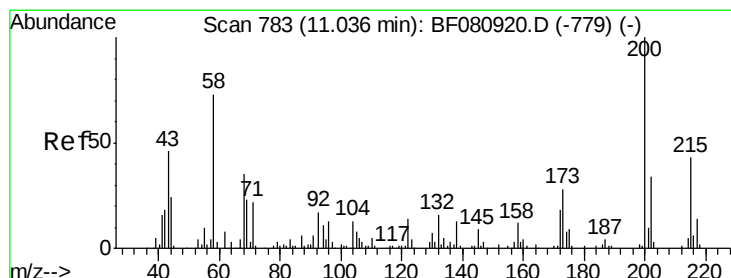
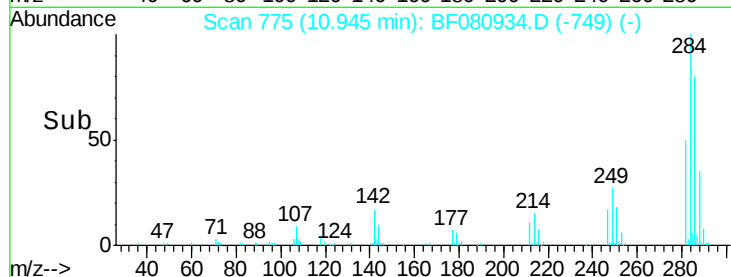
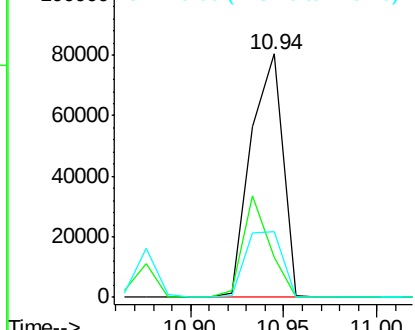
#67
Hexachlorobenzene
Concen: 39.00 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 95200
Ion Ratio Lower Upper
284 100
142 16.5 12.8 19.2
249 27.0 22.5 33.7

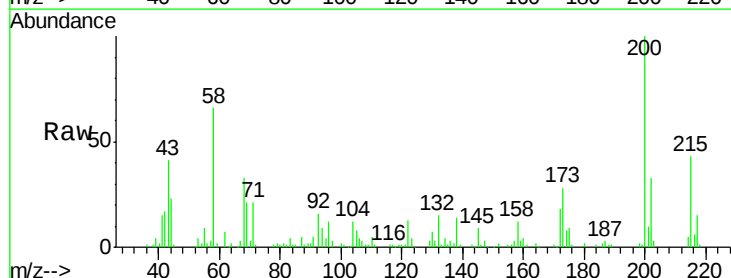


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

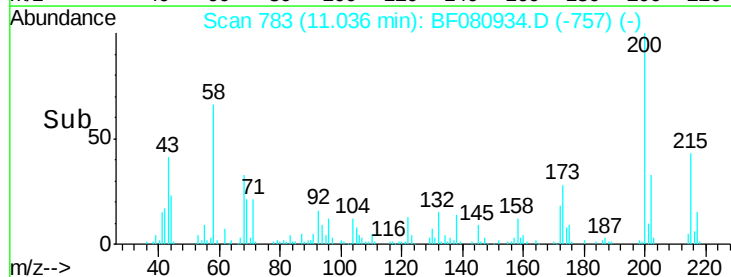
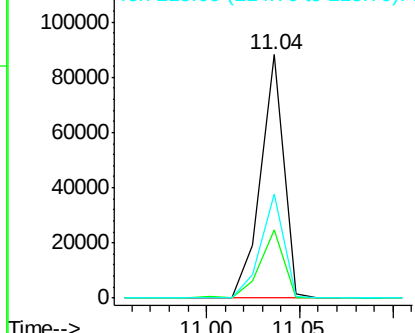


#68
Atrazine
Concen: 35.39 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:200 Resp: 74725
Ion Ratio Lower Upper
200 100
173 27.9 8.4 48.4
215 42.6 22.7 62.7



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

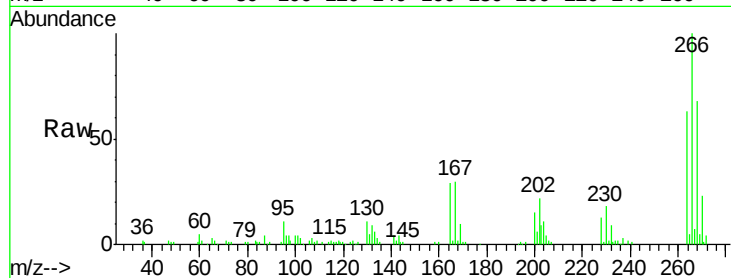




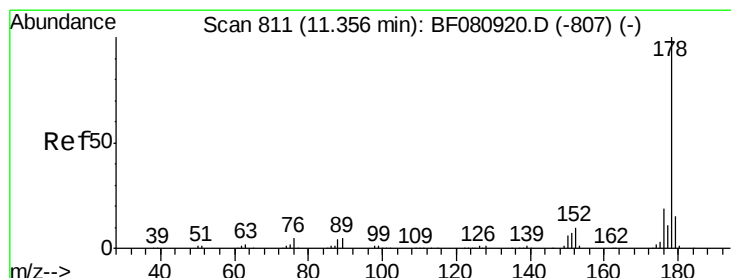
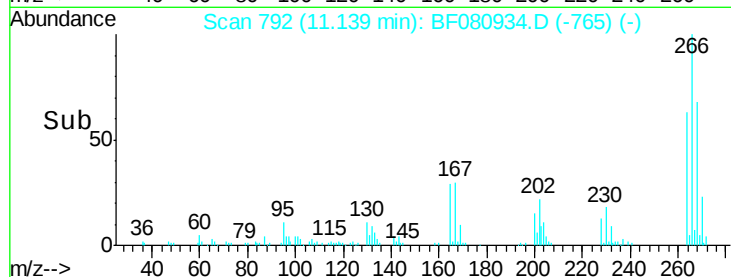
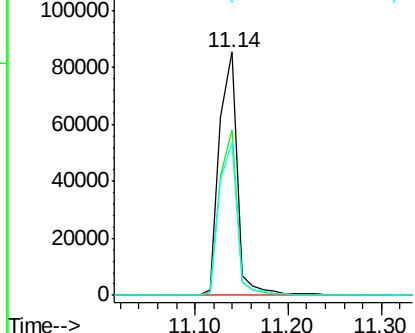
#69
 Pentachlorophenol
 Concen: 80.05 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 113621
 Ion Ratio Lower Upper
 266 100
 268 68.1 51.6 77.4
 264 62.7 50.1 75.1

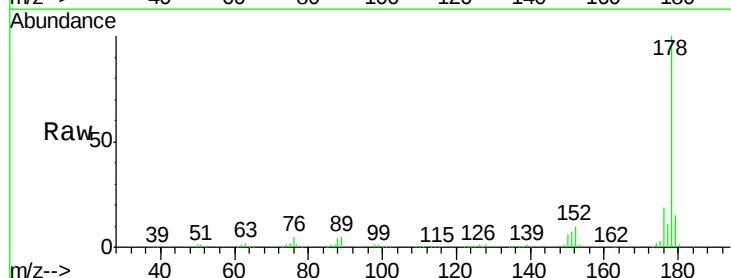


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

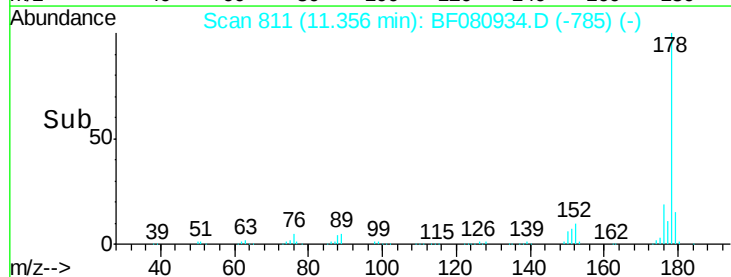
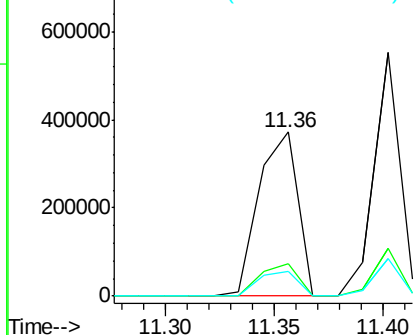


#70
 Phenanthrene
 Concen: 39.71 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:178 Resp: 466149
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.0 11.9 17.9



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

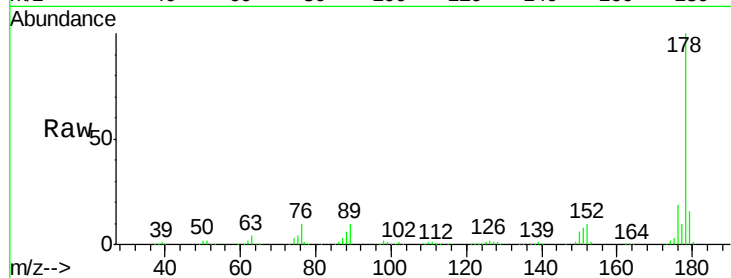




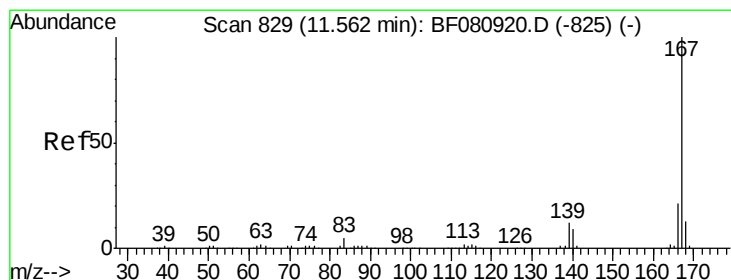
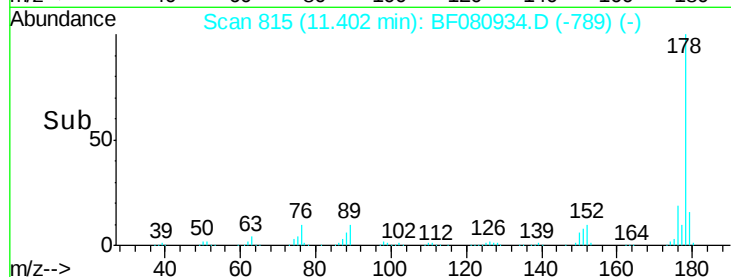
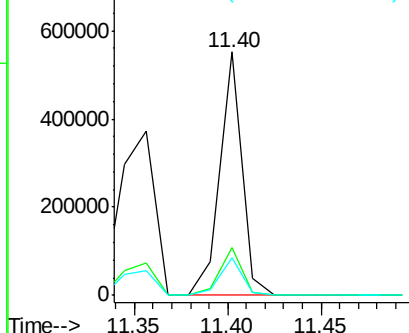
#71
 Anthracene
 Concen: 39.47 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 458627
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.6 12.6 18.8

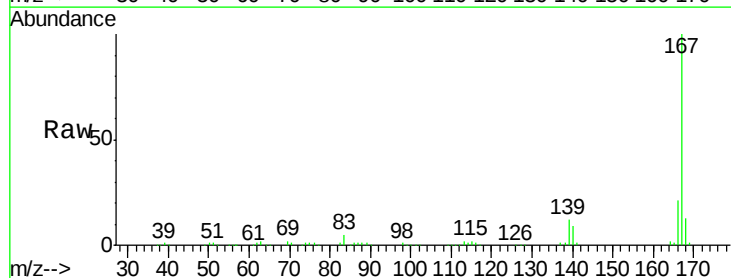


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

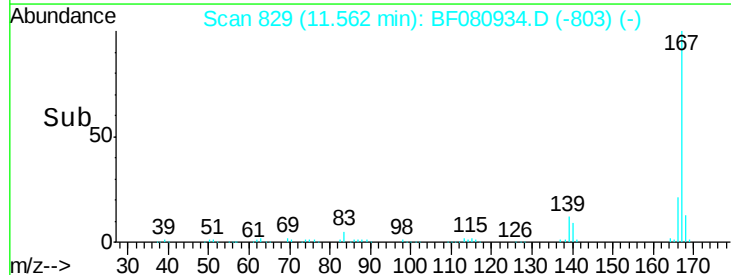
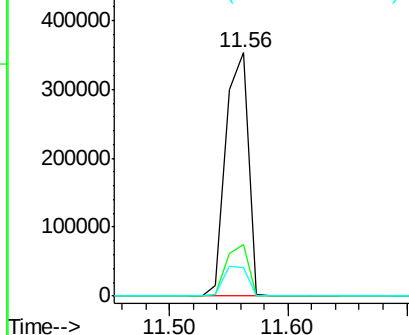


#72
 Carbazole
 Concen: 40.86 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:167 Resp: 462292
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 11.6 9.2 13.8



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: 40.52 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

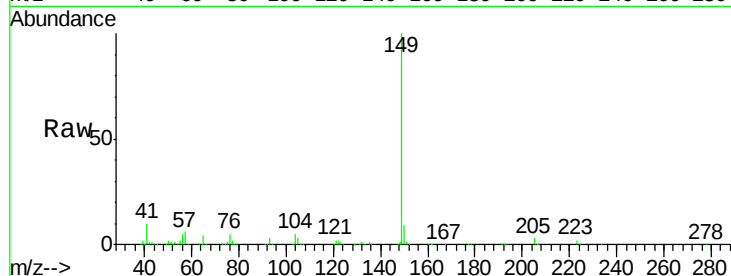
Tot Ion:149 Resp: 573301

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

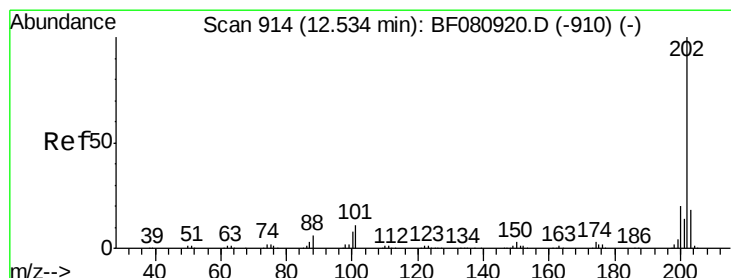
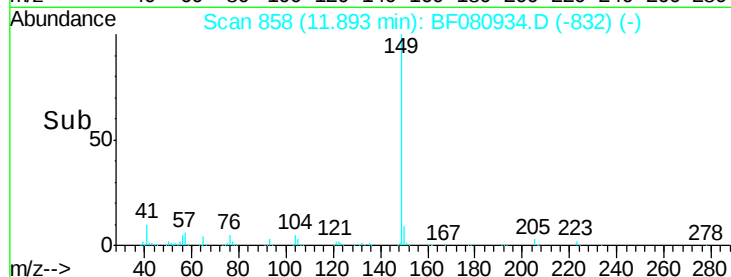
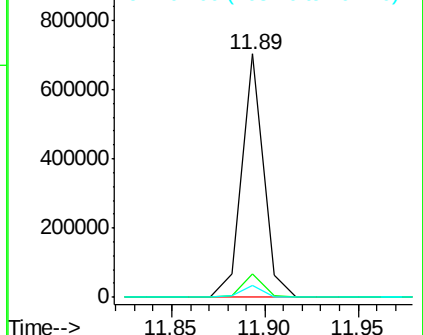
104 5.1 4.4 6.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.56 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

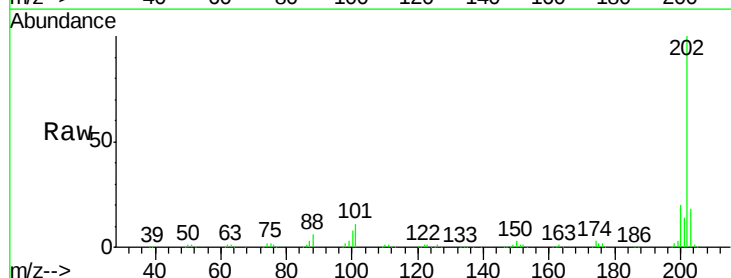
Tgt Ion:202 Resp: 514732

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

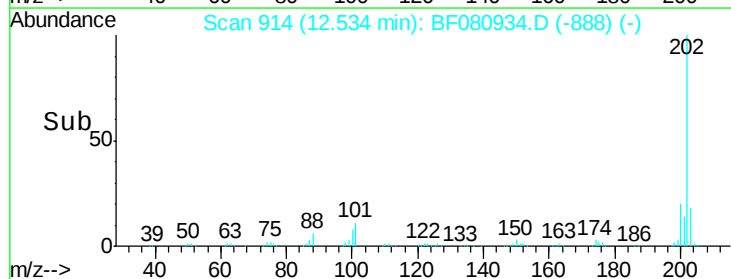
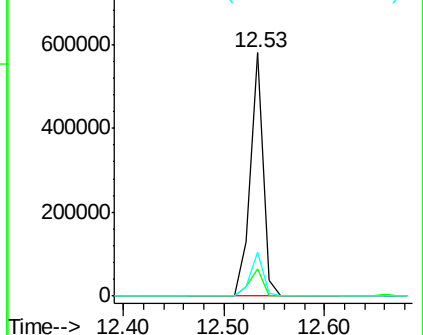
203 17.8 0.0 37.7

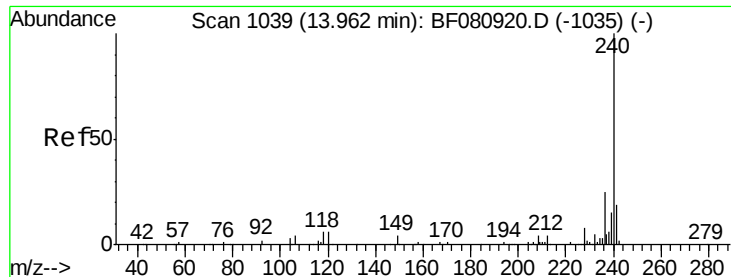


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

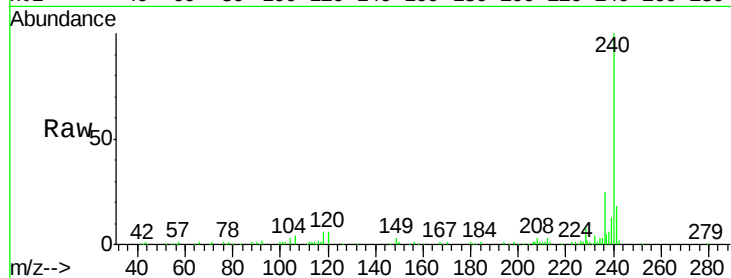
Tot Ion:240 Resp: 168610

Ion Ratio Lower Upper

240 100

120 6.5 5.2 7.8

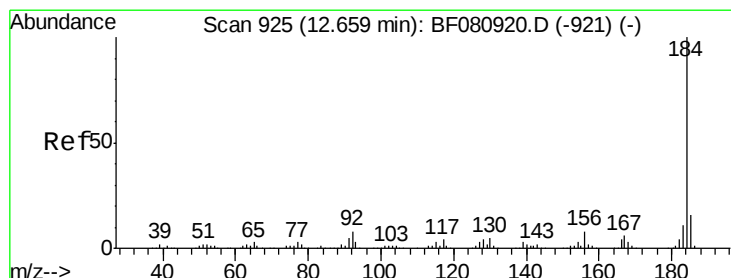
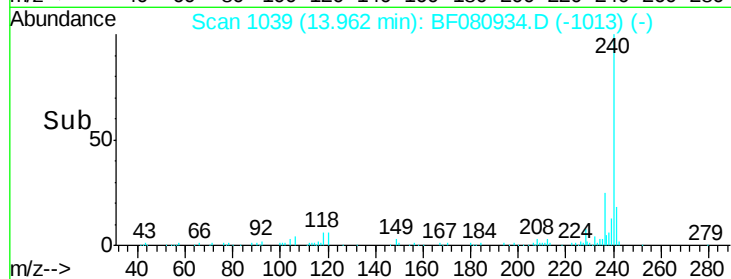
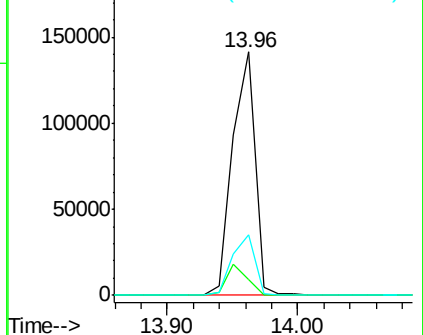
236 25.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.43 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

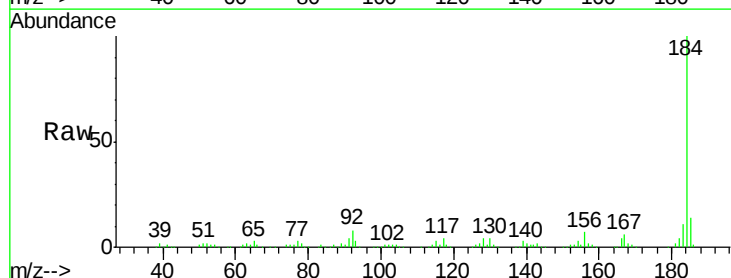
Tgt Ion:184 Resp: 310519

Ion Ratio Lower Upper

184 100

185 14.5 13.0 19.4

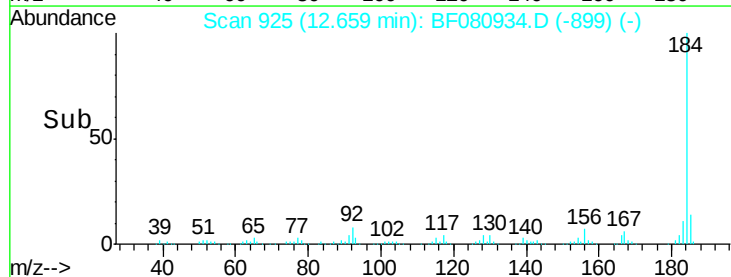
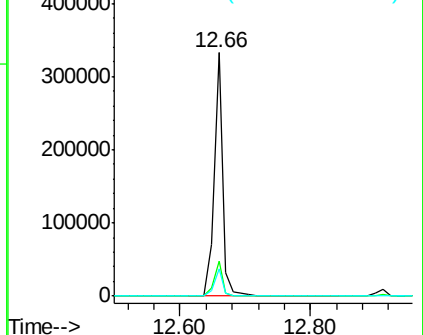
183 11.2 8.7 13.1

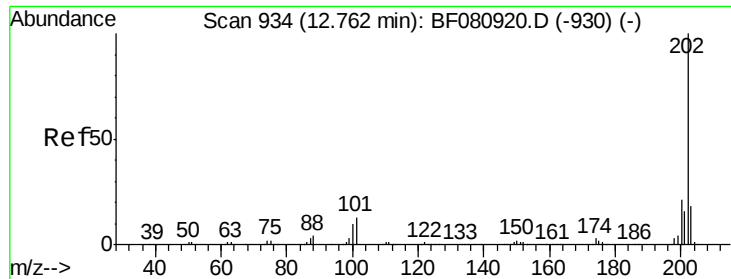


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

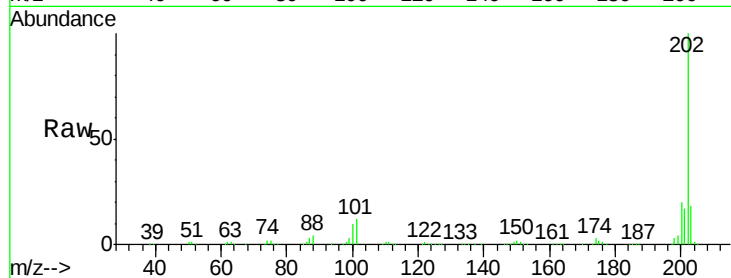




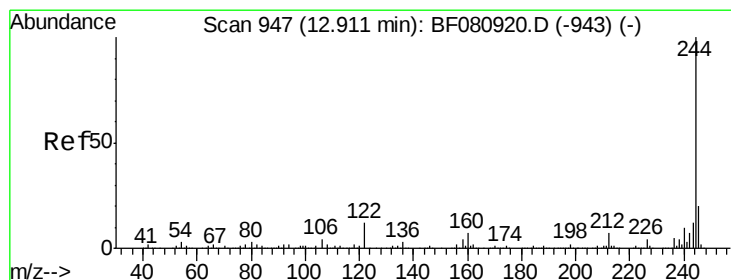
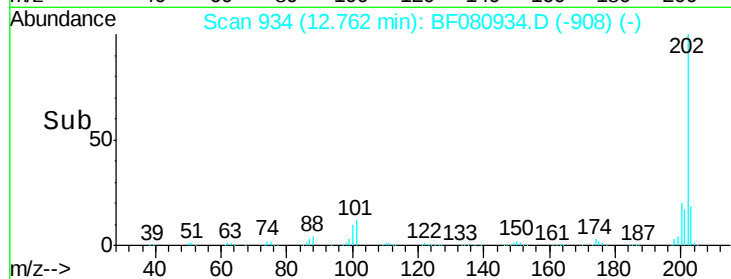
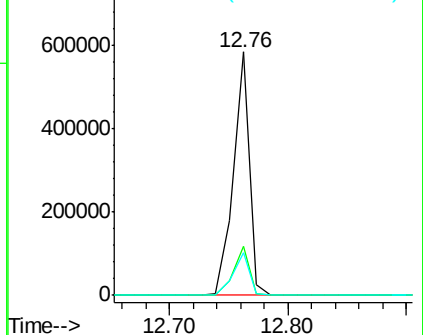
#77
 Pvrene
 Concen: 43.82 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 545844
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.6 24.8
 203 17.7 14.2 21.2

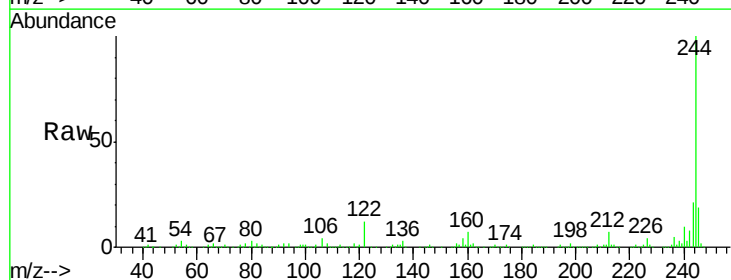


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

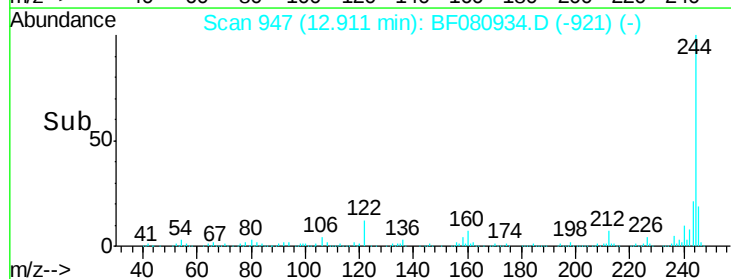
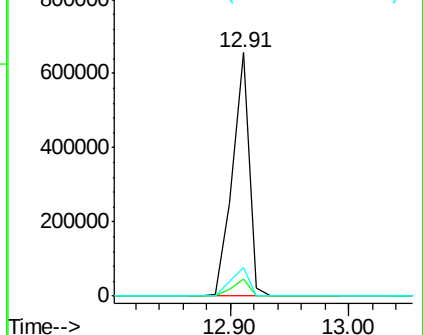


#78
 Terphenyl-d14
 Concen: 78.68 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:244 Resp: 642304
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.6 9.4 14.2



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

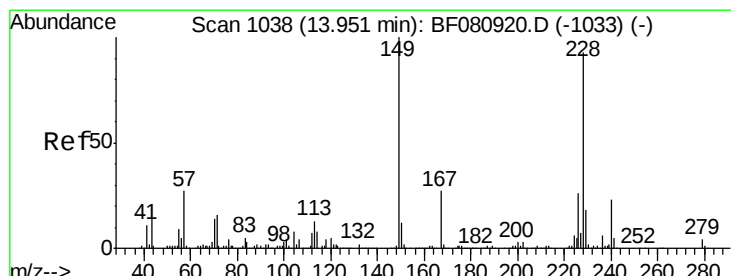
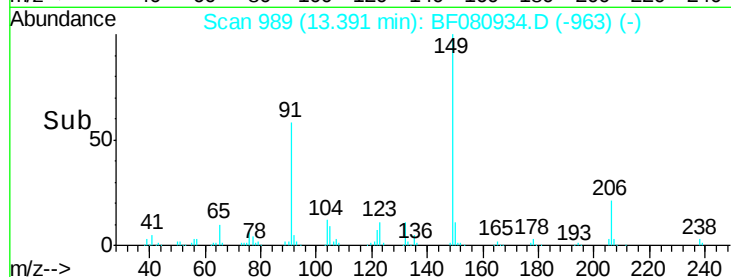
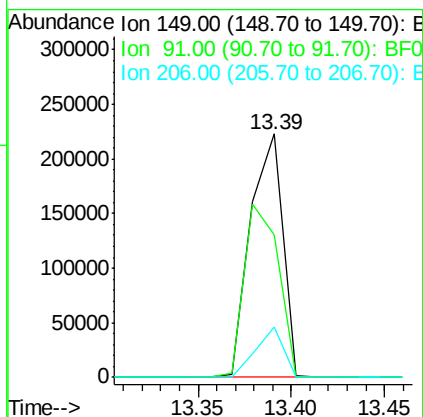
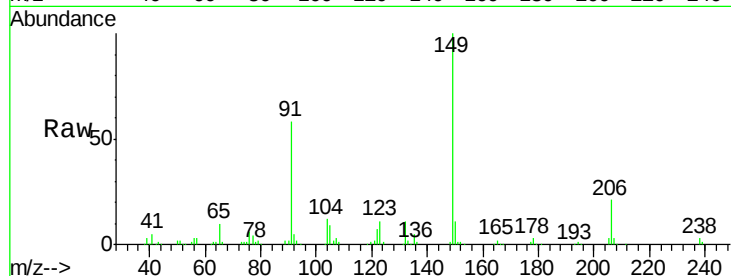




#79
Butylbenzylphthalate
Concen: 44.42 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

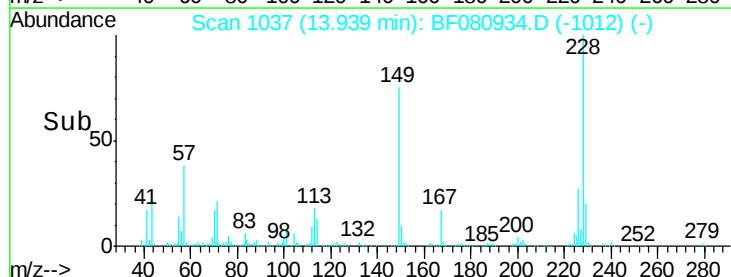
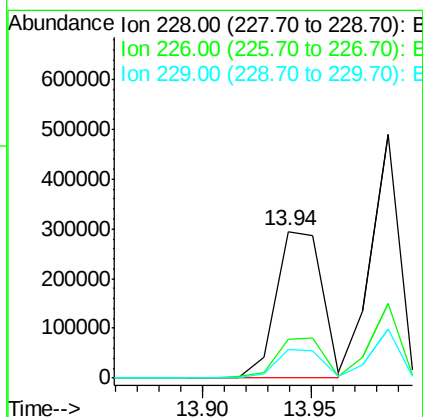
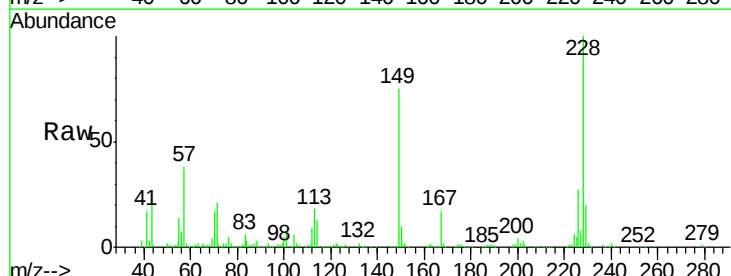
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.4	47.2	70.8
206	20.8	16.5	24.7



#80
Benzo(a)anthracene
Concen: 40.80 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.2	33.2
229	19.8	15.8	23.6

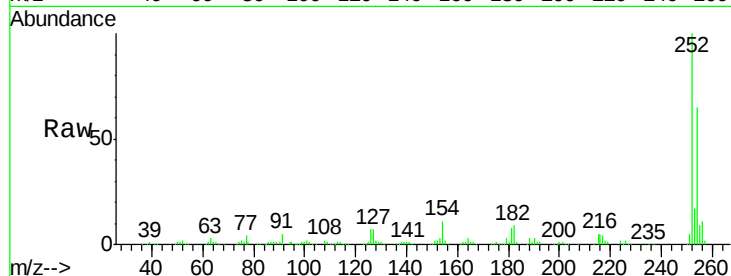




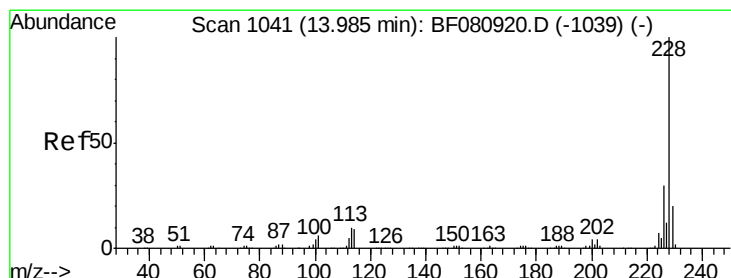
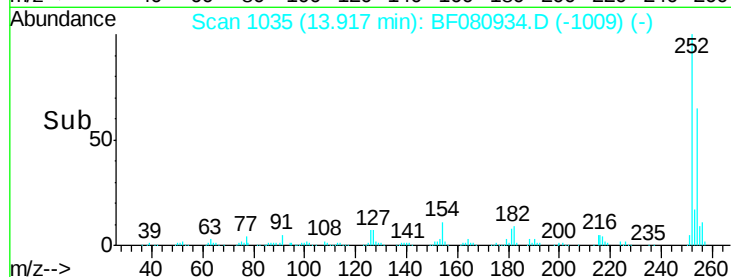
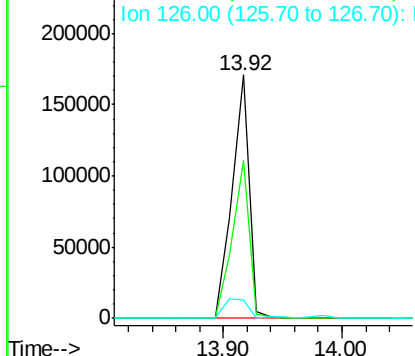
#81
 3,3'-Dichlorobenzidine
 Concen: 44.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 171236
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.7 77.5
 126 7.4 7.1 10.7

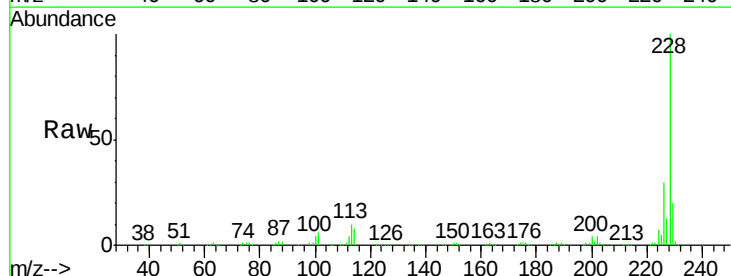


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

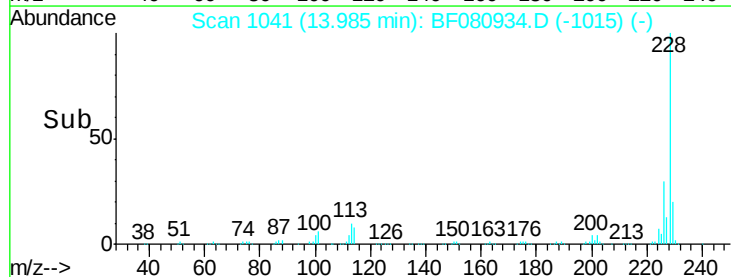
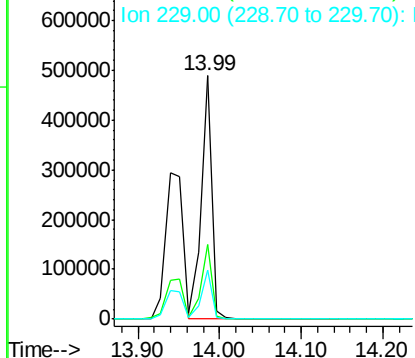


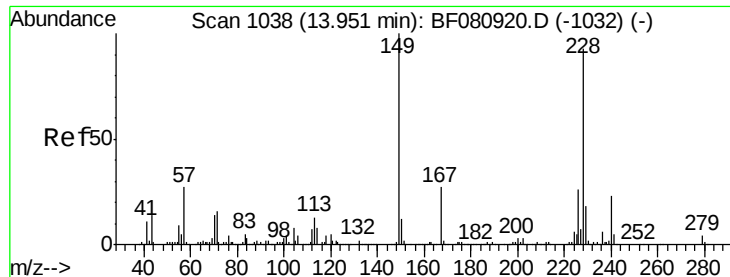
#82
 Chrysene
 Concen: 43.91 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion:228 Resp: 447794
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.9 35.9
 229 20.1 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.76 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

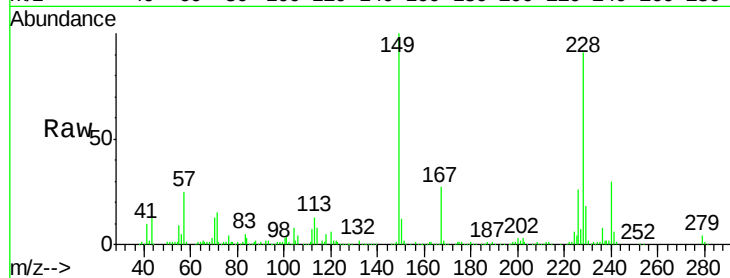
Tot Ion:149 Resp: 373990

Ion Ratio Lower Upper

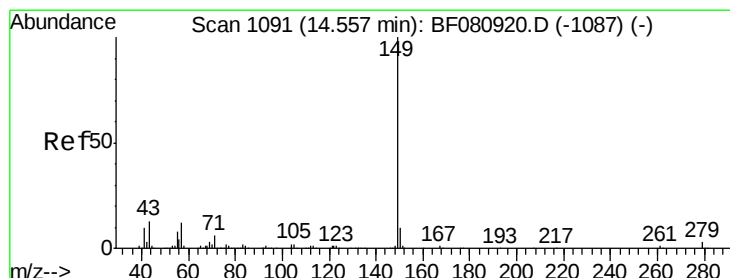
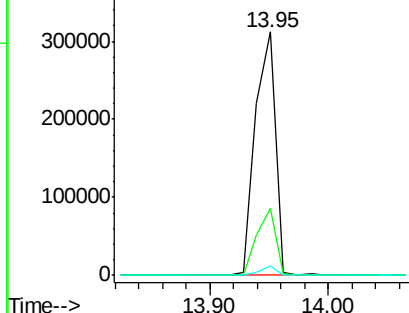
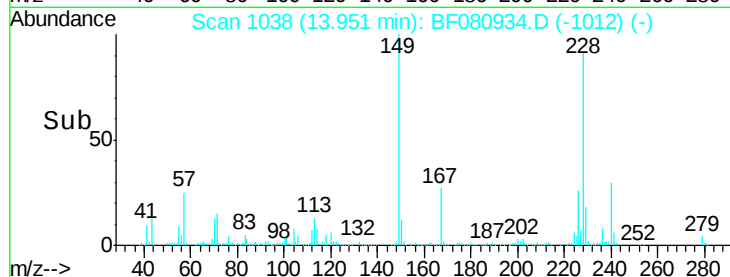
149 100

167 27.4 21.4 32.0

279 4.1 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.59 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

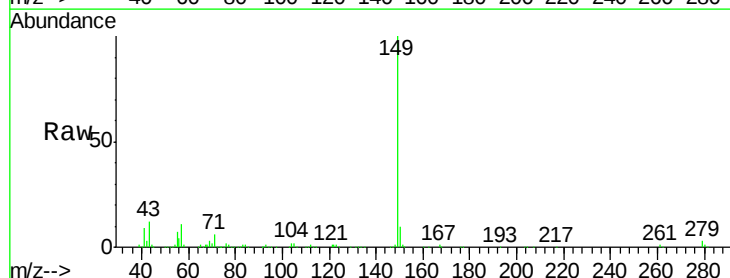
Tgt Ion:149 Resp: 659940

Ion Ratio Lower Upper

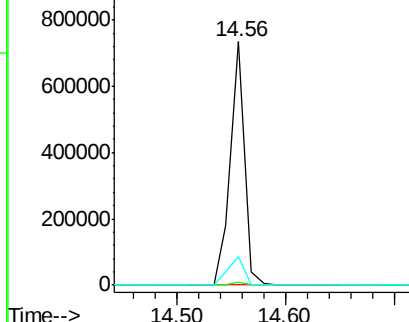
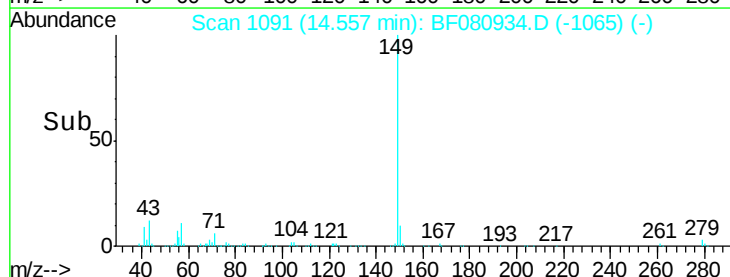
149 100

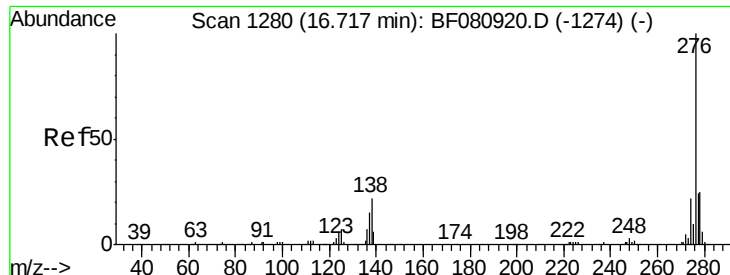
167 1.4 1.1 1.7

43 13.8 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

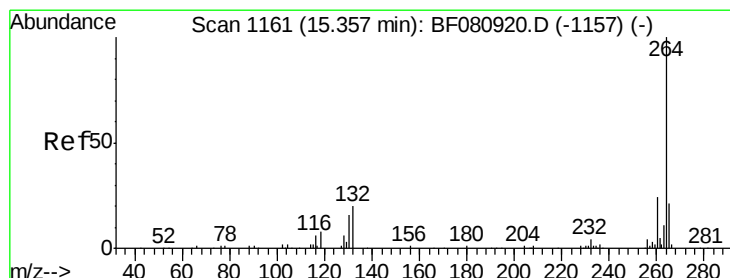
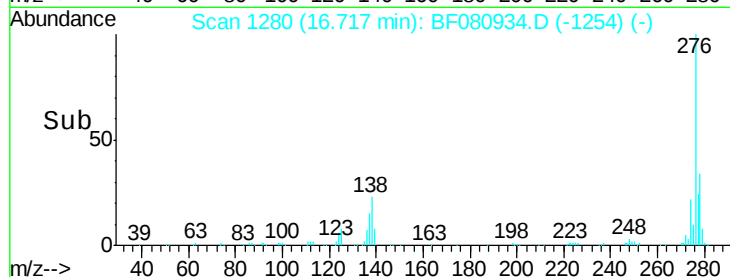
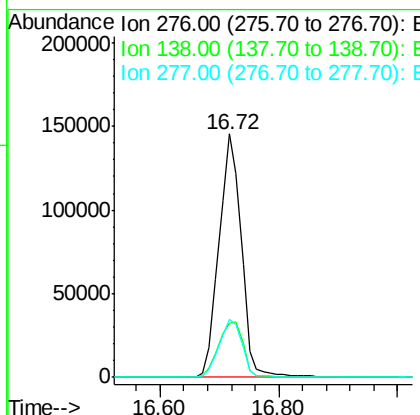
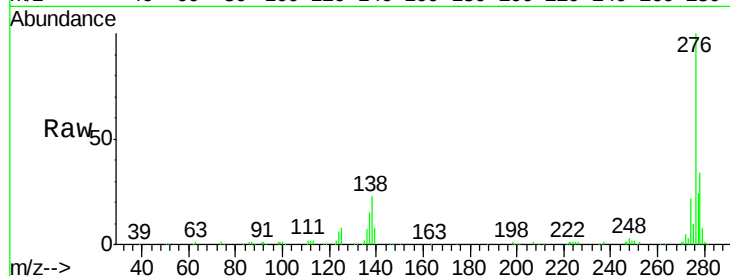




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.24 ng
 RT: 16.72 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

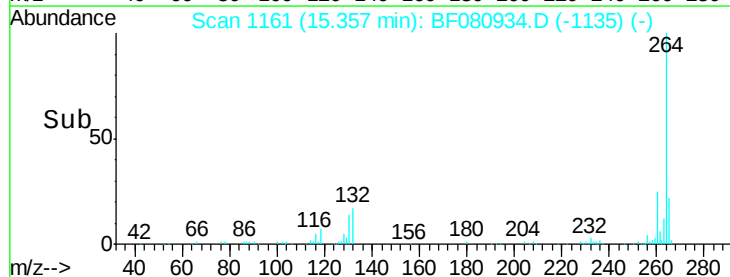
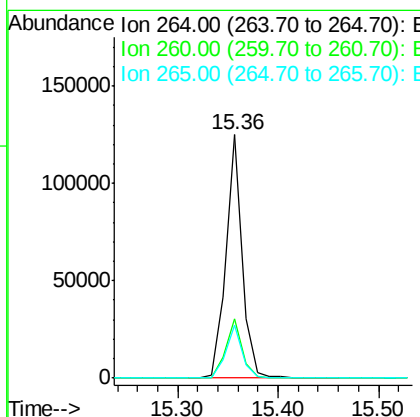
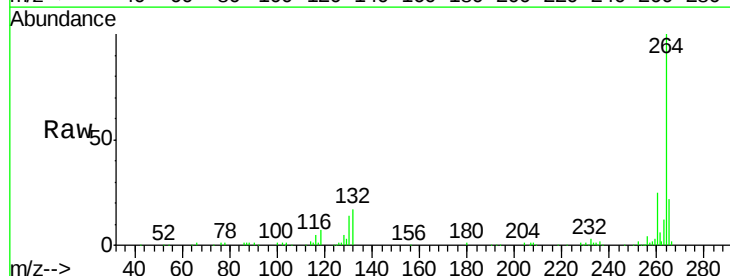
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.3	19.9	29.9
277	24.5	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.8	17.0	25.4

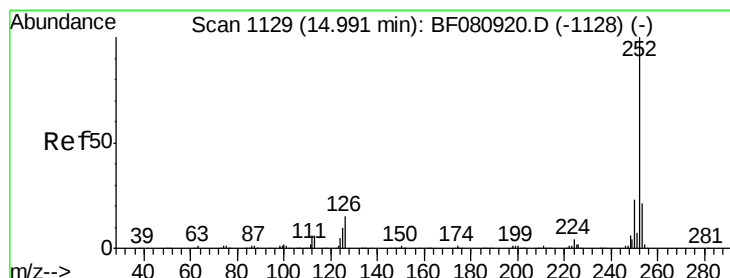
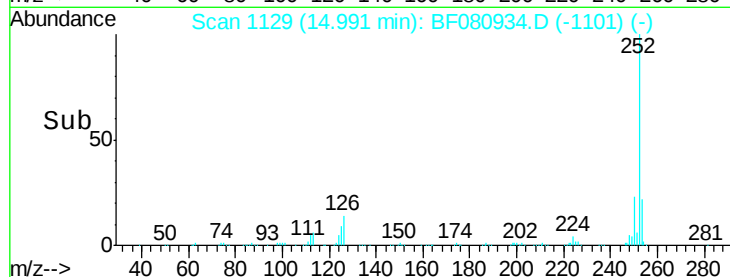
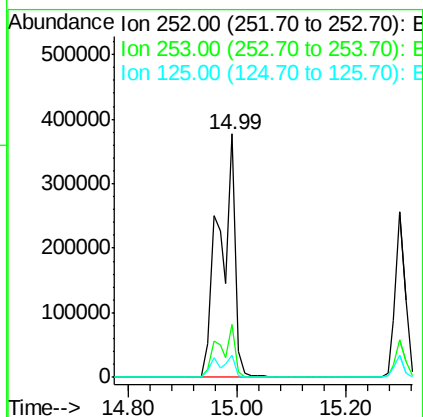
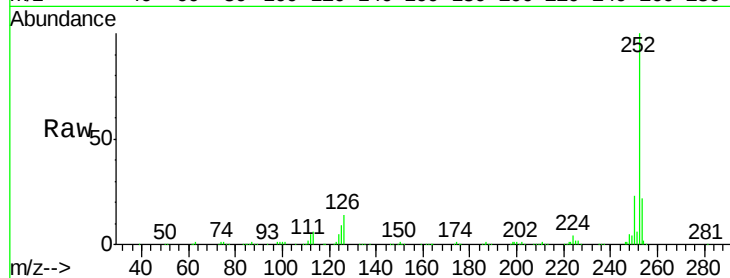




#87
Benzo(b)fluoranthene
Concen: 78.44 ng
RT: 14.99 min Scan# 1129
Delta R.T. 0.02 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

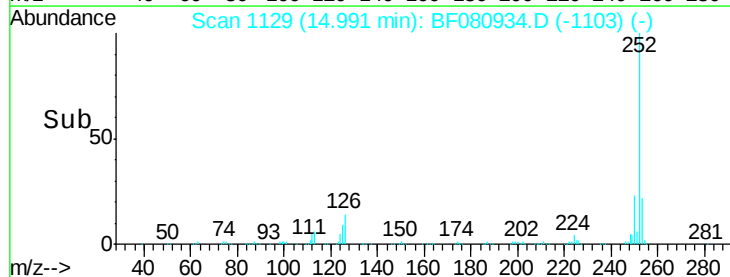
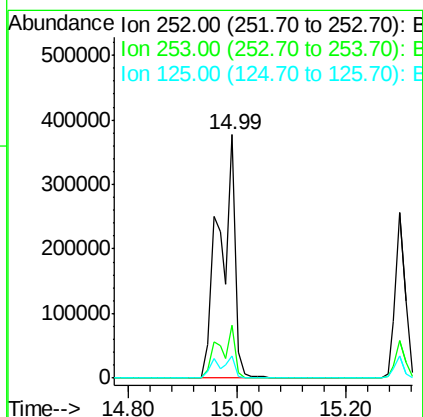
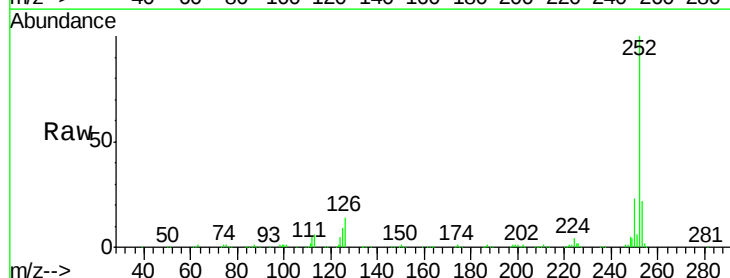
Instrument :
BNA_F
ClientSampleId :

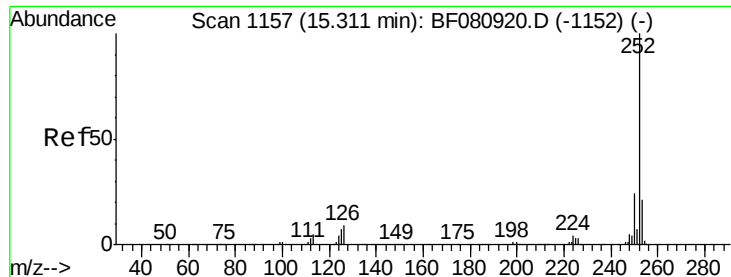
Tot Ion:252 Resp: 765335
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.3 6.1 9.1#



#88
Benzo(k)fluoranthene
Concen: 89.66 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080934.D
Acq: 7 Aug 2015 18:57

Tgt Ion:252 Resp: 765335
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 9.3 9.0 13.6





#89

Benzo(a)pyrene

Concen: 40.55 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

Instrument :

BNA_F

ClientSampleId :

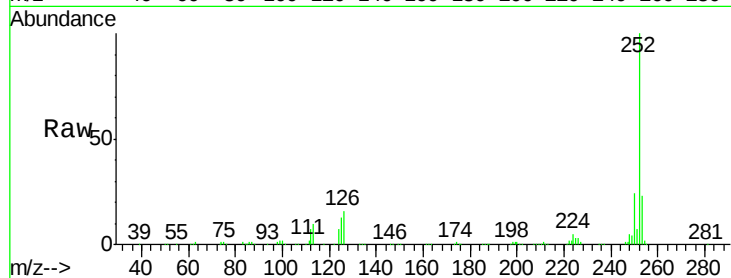
Tot Ion:252 Resp: 340084

Ion Ratio Lower Upper

252 100

253 22.9 16.9 25.3

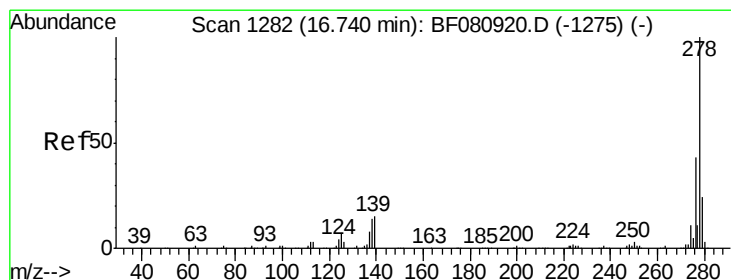
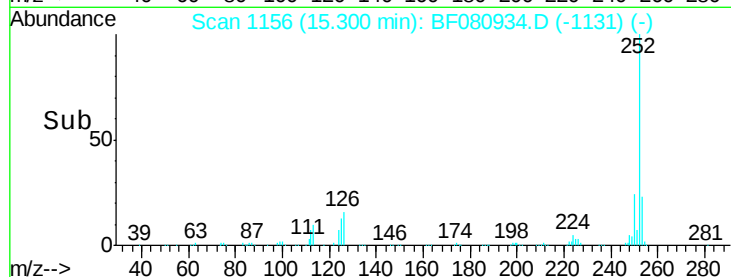
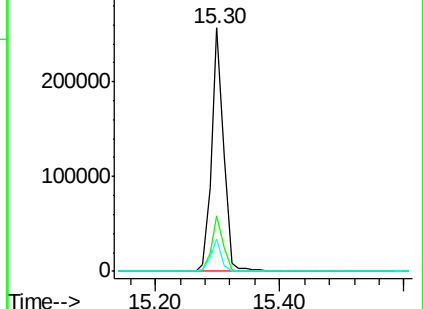
125 13.1 5.8 8.8#



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



#90

Dibenzo(a,h)anthracene

Concen: 43.95 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF080934.D

Acq: 7 Aug 2015 18:57

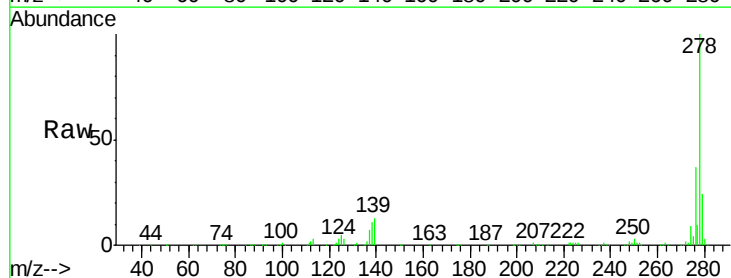
Tgt Ion:278 Resp: 325984

Ion Ratio Lower Upper

278 100

139 13.4 11.9 17.9

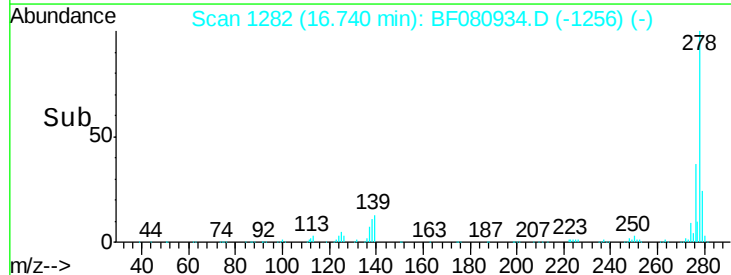
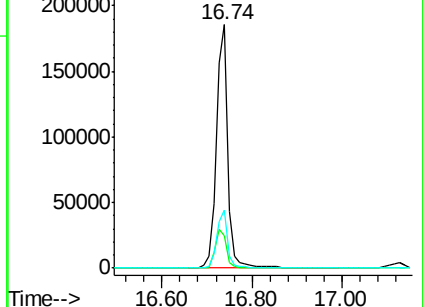
279 23.9 19.0 28.6

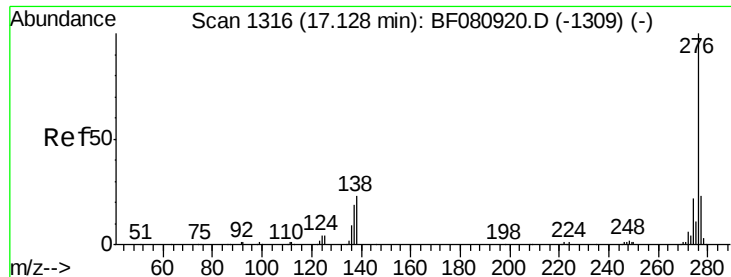


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

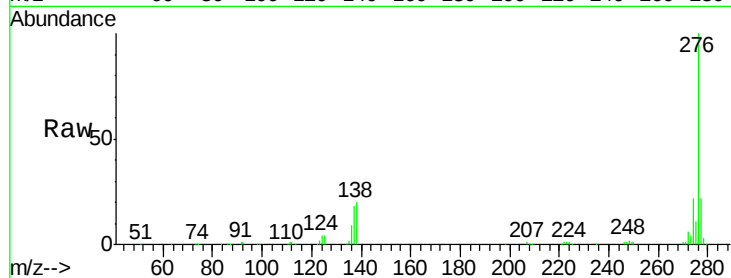




#91
 Benzo(a,h,i)perylene
 Concen: 44.61 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF080934.D
 Acq: 7 Aug 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.4	18.6	28.0
138	20.2	18.4	27.6



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

