

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080943.D
 Acq On : 8 Aug 2015 1:38
 Operator : TP/UM
 Sample : PB84907BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 08 03:17:25 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	65078	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	262117	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	127987	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	255570	20.00	ng	0.00
75) Chrysene-d12	13.95	240	185928	20.00	ng	-0.01
86) Perylene-d12	15.36	264	155199	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	202016	50.72	ng	0.01
7) Phenol-d6	6.44	99	294319	53.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	281345	50.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	70639	50.24	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	508738	55.96	ng	0.00
78) Terphenyl-d14	12.91	244	539589	59.94	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	36596	19.37	ng	# 95
3) Pyridine	3.09	79	77434	14.45	ng	95
4) n-Nitrosodimethylamine	3.02	42	53390	19.52	ng	98
6) Aniline	6.46	93	117378	14.64	ng	99
8) 2-Chlorophenol	6.59	128	100660	21.84	ng	97
9) Benzaldehyde	6.35	77	87538	23.79	ng	99
10) Phenol	6.45	94	130048	20.08	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	106031	21.93	ng	97
12) 1,3-Dichlorobenzene	6.75	146	95301	19.48	ng	98
13) 1,4-Dichlorobenzene	6.75	146	95301	18.75	ng	97
14) 1,2-Dichlorobenzene	6.98	146	99240	21.60	ng	98
15) Benzyl Alcohol	6.96	79	86379	19.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	198035	20.36	ng	100
17) 2-Methylphenol	7.06	107	78282	19.90	ng	# 90
18) Hexachloroethane	7.32	117	38430	19.73	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	72556	18.19	ng	92
20) 3+4-Methylphenols	7.22	107	107092	21.67	ng	# 87
22) Acetophenone	7.22	105	173635	27.04	ng	# 92
24) Nitrobenzene	7.39	77	118175	20.71	ng	96
25) Isophorone	7.63	82	198338	18.61	ng	# 94
26) 2-Nitrophenol	7.71	139	51926	21.63	ng	91
27) 2,4-Dimethylphenol	7.74	122	89378	19.89	ng	92
28) bis(2-Chloroethoxy)methane	7.85	93	129389	20.22	ng	98
29) 2,4-Dichlorophenol	7.95	162	78906	21.36	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	78364	19.41	ng	# 94
31) Naphthalene	8.11	128	264148	18.28	ng	99
32) Benzoic acid	7.86	122	71936	26.73	ng	89
33) 4-Chloroaniline	8.17	127	65661	11.18	ng	# 92
34) Hexachlorobutadiene	8.24	225	47882	19.93	ng	96
35) Caprolactam	8.52	113	32527	24.48	ng	# 61
36) 4-Chloro-3-methylphenol	8.65	107	91002	20.19	ng	100
37) 2-Methylnaphthalene	8.81	142	191334	20.80	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	90321	22.89	ng	99
40) Hexachlorocyclopentadiene	8.97	237	98792	45.89	ng	99

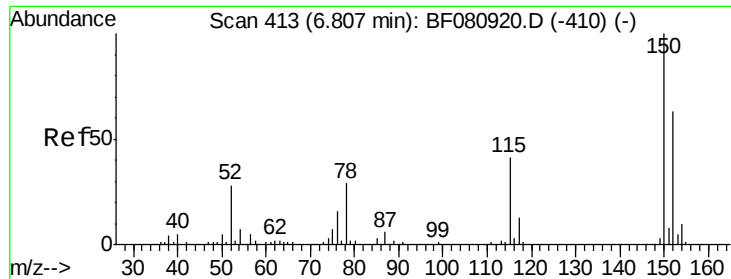
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080943.D
 Acq On : 8 Aug 2015 1:38
 Operator : TP/UM
 Sample : PB84907BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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 BNA_F
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Quant Time: Aug 08 03:17:25 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)
42) 2,4,6-Trichlorophenol	9.08	196	53442	18.48	nq	99
43) 2,4,5-Trichlorophenol	9.12	196	57293	19.66	nq	# 74
45) 1,1'-Biphenyl	9.28	154	273196	24.87	nq	99
46) 2-Chloronaphthalene	9.29	162	158870	18.55	nq	# 91
47) 2-Nitroaniline	9.39	65	73763	21.48	nq	# 84
48) Acenaphthylene	9.71	152	277631	18.65	nq	99
49) Dimethylphthalate	9.57	163	212308	19.97	nq	99
50) 2,6-Dinitrotoluene	9.63	165	44426	20.23	nq	# 82
51) Acenaphthene	9.88	154	209311	22.96	nq	98
52) 3-Nitroaniline	9.79	138	31006	11.45	nq	86
53) 2,4-Dinitrophenol	9.90	184	57000	45.58	nq	92
54) Dibenzofuran	10.05	168	257892	20.92	nq	97
55) 4-Nitrophenol	9.96	139	96129	47.43	nq	# 66
56) 2,4-Dinitrotoluene	10.03	165	56968	19.38	nq	# 92
57) Fluorene	10.40	166	186660	19.57	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	43514	18.87	nq	97
59) Diethylphthalate	10.27	149	213572	19.30	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	84097	18.10	nq	96
61) 4-Nitroaniline	10.41	138	49303	17.70	nq	95
62) Azobenzene	10.54	77	250548	20.25	nq	99
64) 4,6-Dinitro-2-methylphenol	10.44	198	28470	17.97	nq	# 67
65) n-Nitrosodiphenylamine	10.50	169	161831	18.23	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	56760	20.97	nq	91
67) Hexachlorobenzene	10.93	284	55630	18.49	nq	# 58
68) Atrazine	11.04	200	75897	29.15	nq	96
69) Pentachlorophenol	11.13	266	73403	41.95	nq	98
70) Phenanthrene	11.34	178	269152	18.60	nq	99
71) Anthracene	11.40	178	315679	22.03	nq	99
72) Carbazole	11.55	167	268462	19.25	nq	# 97
73) Di-n-butylphthalate	11.89	149	389763	22.35	nq	98
74) Fluoranthene	12.53	202	346963	22.18	nq	97
76) Benzidine	12.66	184	201929	21.29	nq	97
77) Pyrene	12.76	202	356765	25.97	nq	99
79) Butylbenzylphthalate	13.38	149	161631	24.41	nq	# 60
80) Benzo(a)anthracene	13.94	228	279653	23.81	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	81627	19.11	nq	# 96
82) Chrysene	13.99	228	278658	24.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	227962	24.74	nq	# 92
84) Di-n-octyl phthalate	14.56	149	412259	26.39	nq	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	237264	22.17	nq	98
87) Benzo(b)fluoranthene	14.96	252	469118	43.47	nq	# 98
88) Benzo(k)fluoranthene	14.96	252	469118	49.69	nq	99
89) Benzo(a)pyrene	15.30	252	222764	24.02	nq	# 98
90) Dibenzo(a,h)anthracene	16.73	278	200683	24.46	nq	97
91) Benzo(g,h,i)perylene	17.12	276	195324	24.48	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

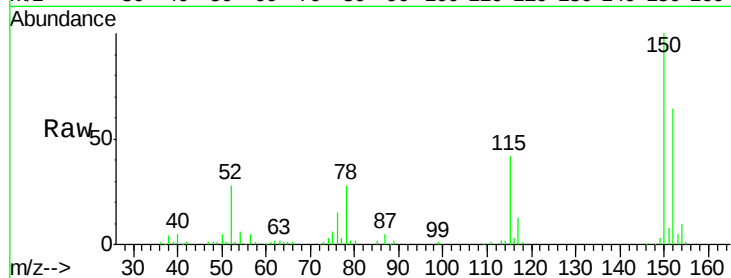
Tot Ion:152 Resp: 65078

Ion Ratio Lower Upper

152 100

150 157.3 127.4 191.2

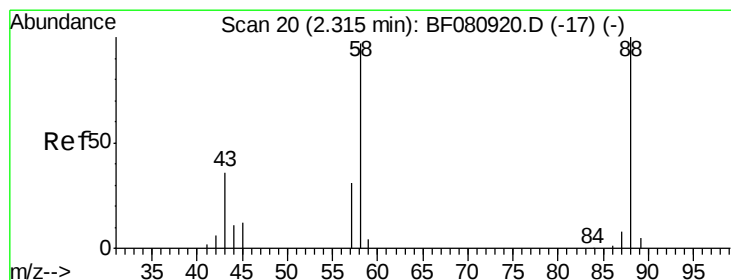
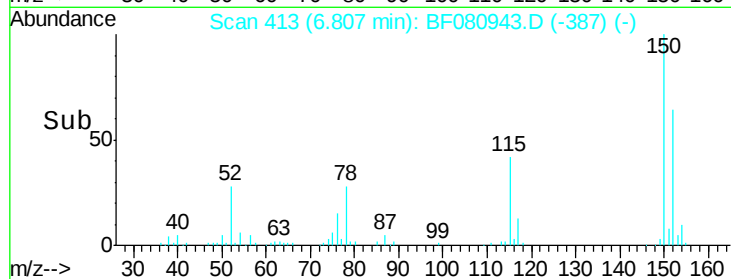
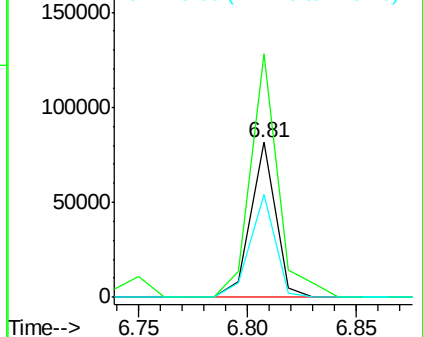
115 66.2 52.6 78.8



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: 19.37 ng

RT: 2.38 min Scan# 26

Delta R.T. 0.07 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

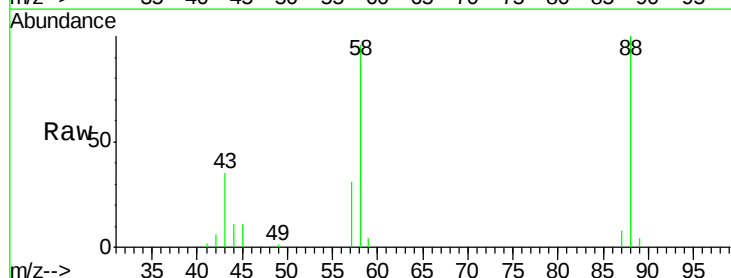
Tgt Ion: 88 Resp: 36596

Ion Ratio Lower Upper

88 100

58 101.4 79.3 118.9

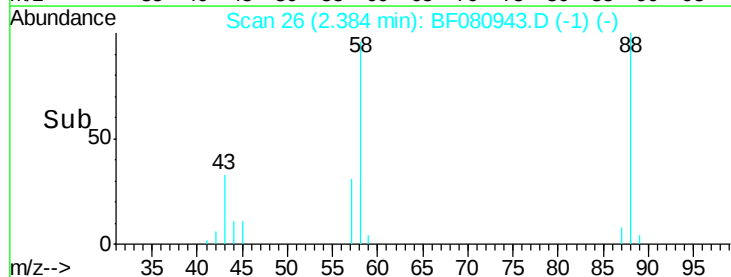
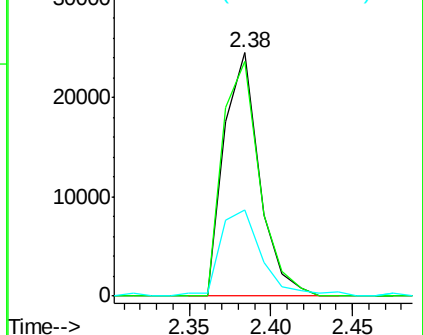
43 42.5 28.3 42.5#



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: 14.45 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

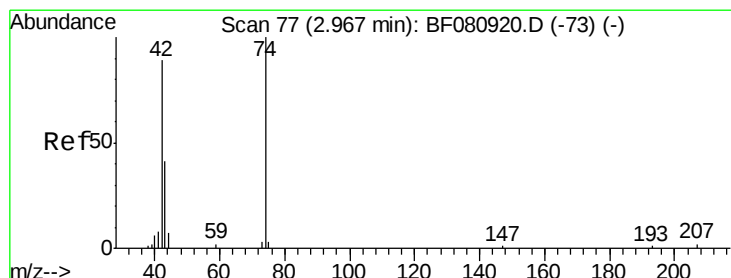
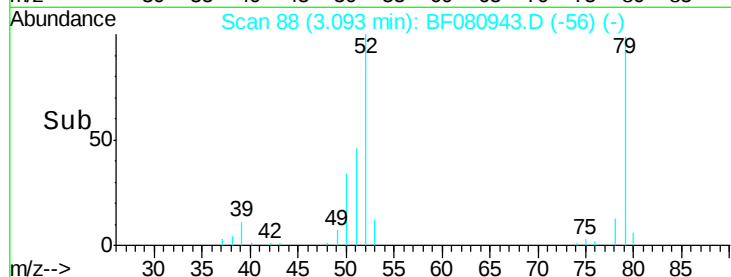
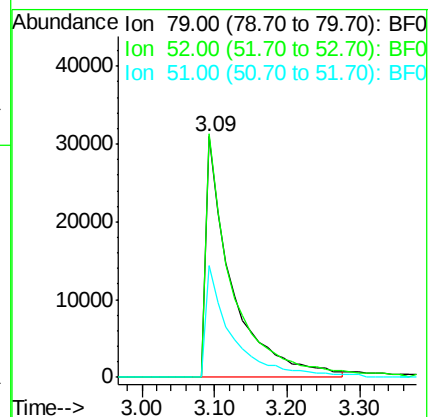
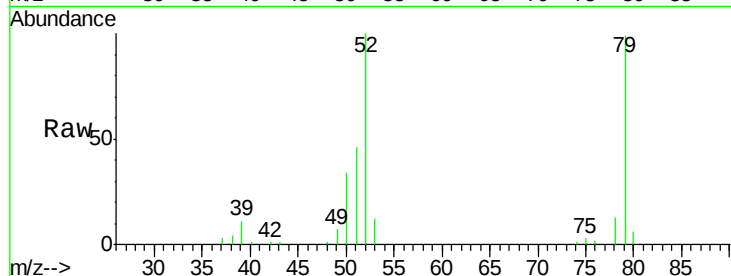
Tot Ion: 79 Resp: 77434

Ion Ratio Lower Upper

79 100

52 101.1 77.2 115.8

51 46.5 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 19.52 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.06 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

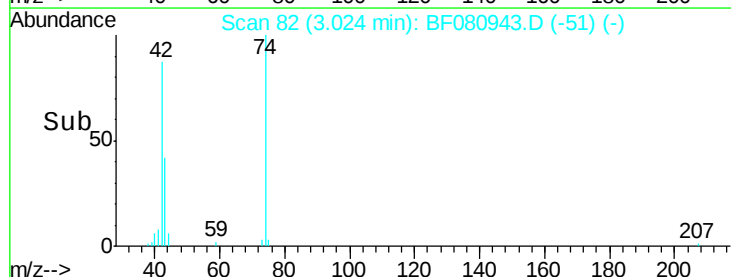
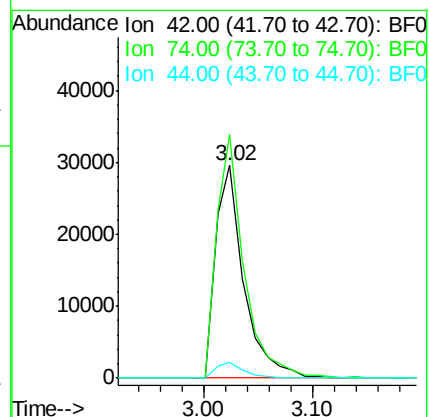
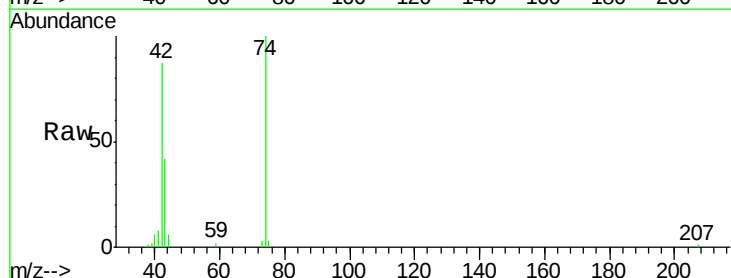
Tgt Ion: 42 Resp: 53390

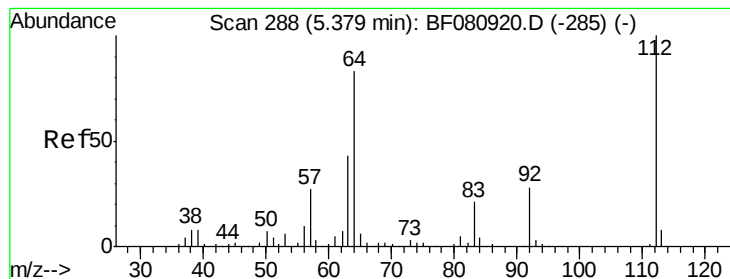
Ion Ratio Lower Upper

42 100

74 114.6 89.8 134.8

44 7.4 6.5 9.7





#5

2-Fluorophenol

Concen: 50.72 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080943.D

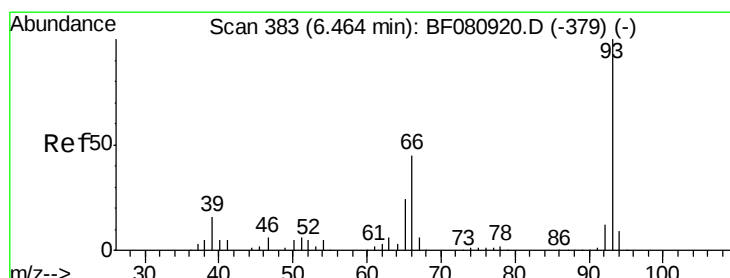
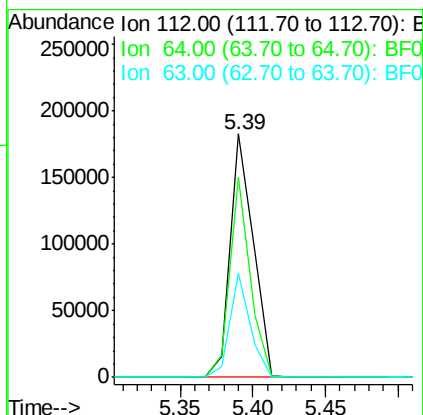
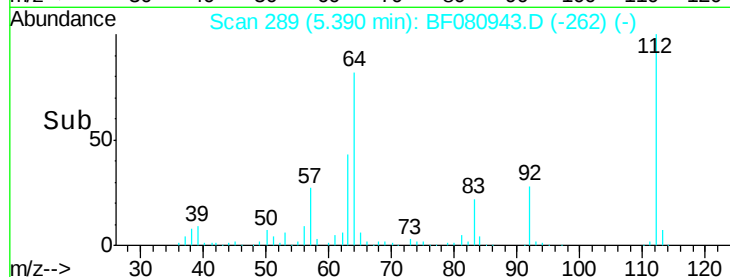
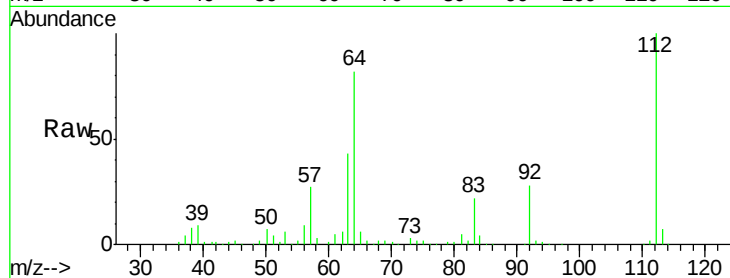
Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:112	Resp:	202016
Ion Ratio	Lower	Upper
112 100		
64 82.1	66.1	99.1
63 42.6	34.6	52.0



#6

Aniline

Concen: 14.64 ng

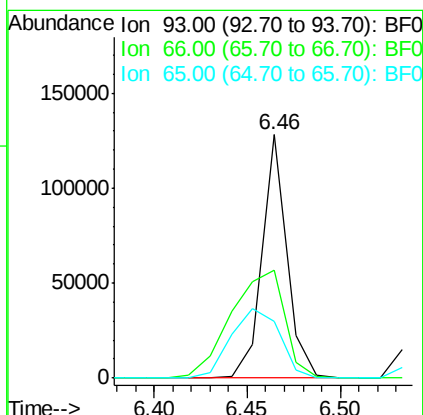
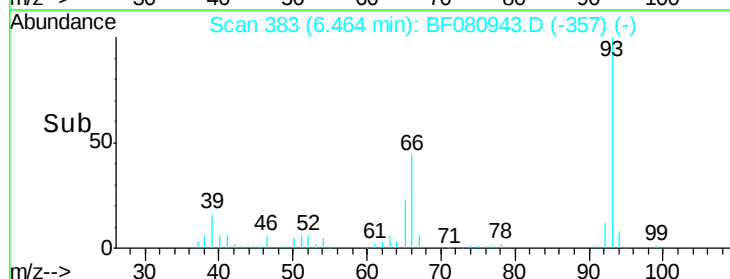
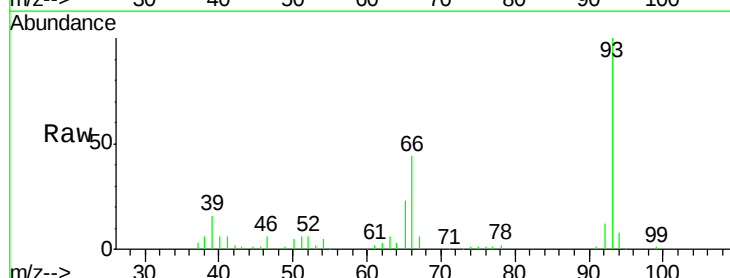
RT: 6.46 min Scan# 383

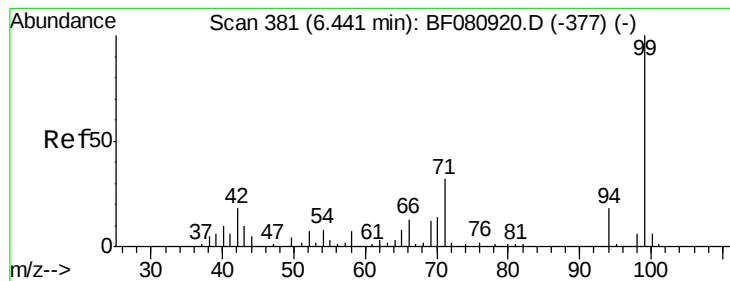
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion: 93	Resp:	117378
Ion Ratio	Lower	Upper
93 100		
66 44.3	36.2	54.4
65 23.1	19.0	28.4





#7

Phenol-d6

Concen: 53.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

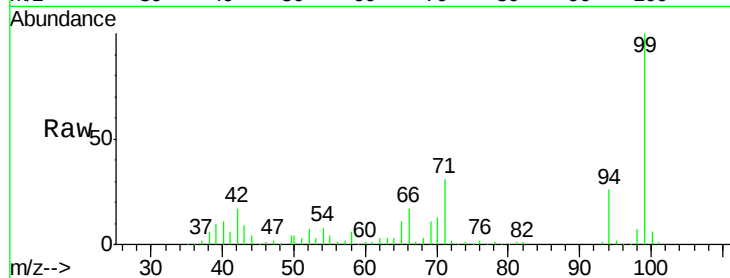
Tot Ion: 99 Resp: 294319

Ion Ratio Lower Upper

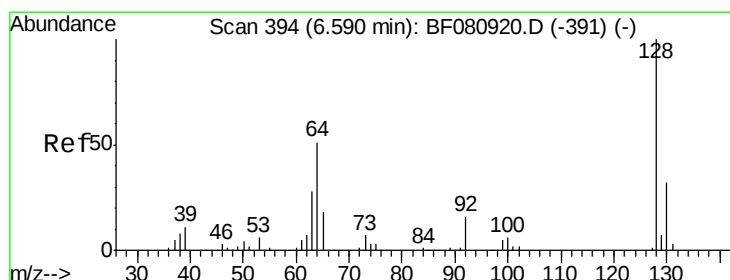
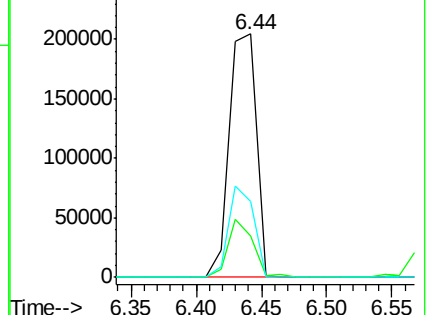
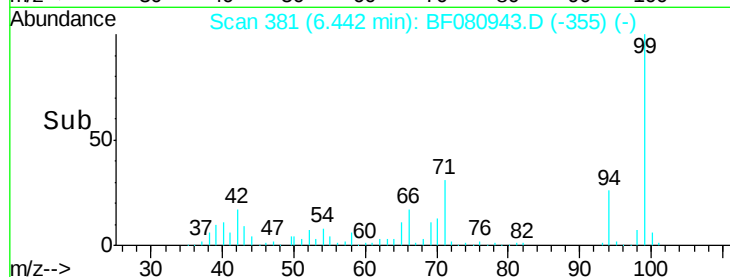
99 100

42 17.1 14.4 21.6

71 31.0 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: 21.84 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

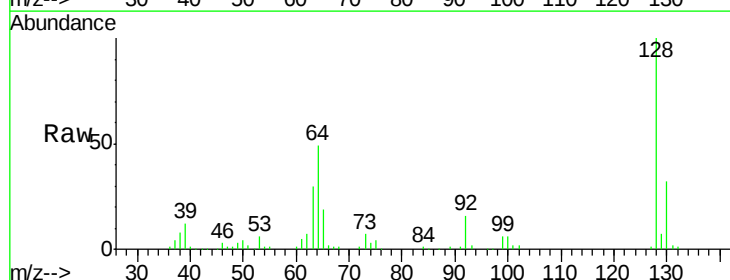
Tgt Ion: 128 Resp: 100660

Ion Ratio Lower Upper

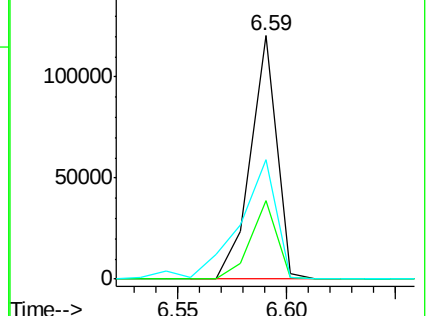
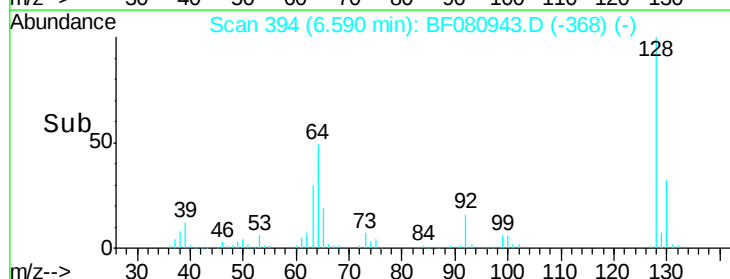
128 100

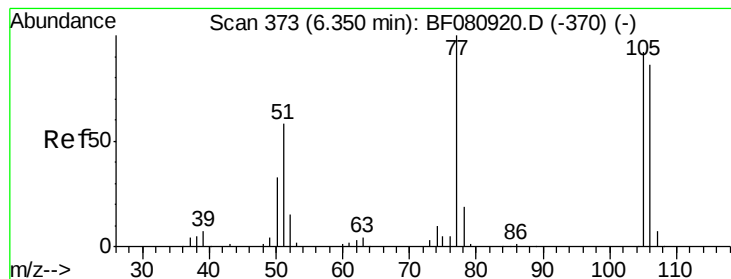
130 32.5 12.4 52.4

64 49.3 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: 23.79 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

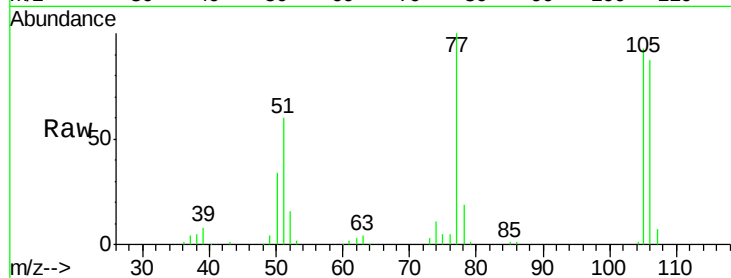
Tot Ion: 77 Resp: 87538

Ion Ratio Lower Upper

77 100

105 93.1 71.6 111.6

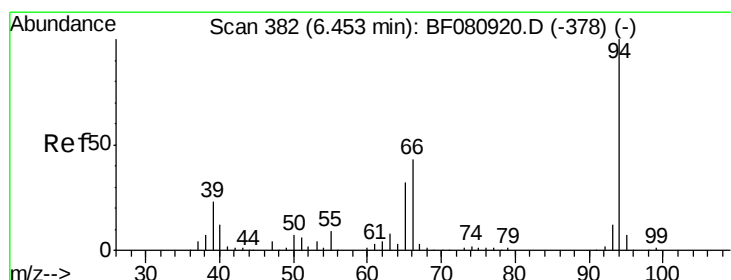
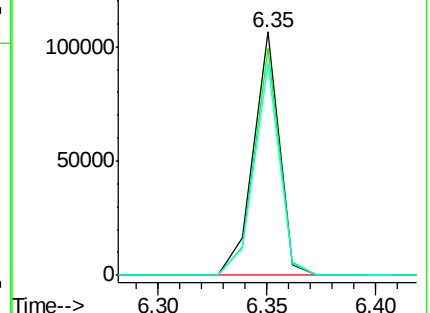
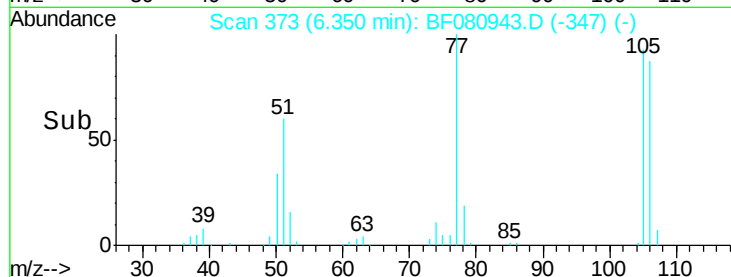
106 87.0 65.7 105.7



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: 20.08 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

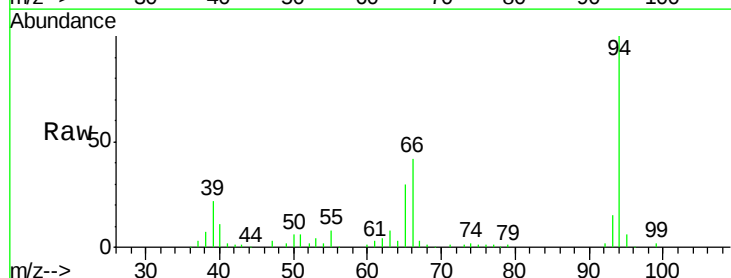
Tgt Ion: 94 Resp: 130048

Ion Ratio Lower Upper

94 100

65 30.4 11.8 51.8

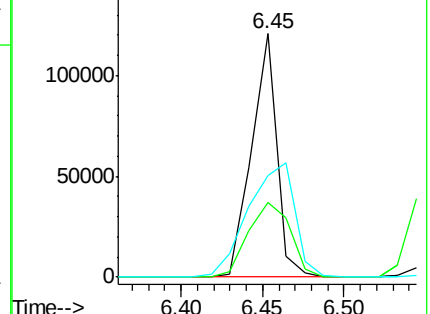
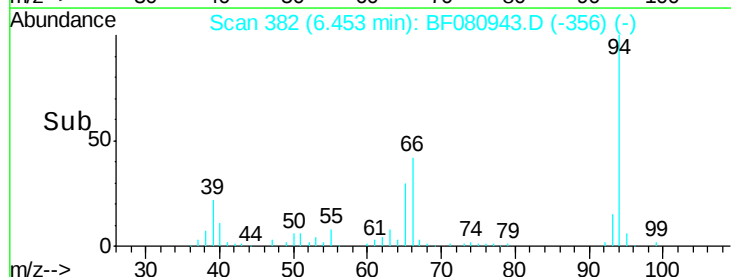
66 41.8 22.9 62.9

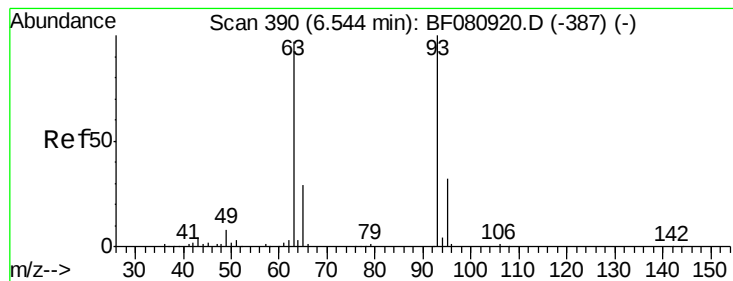


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

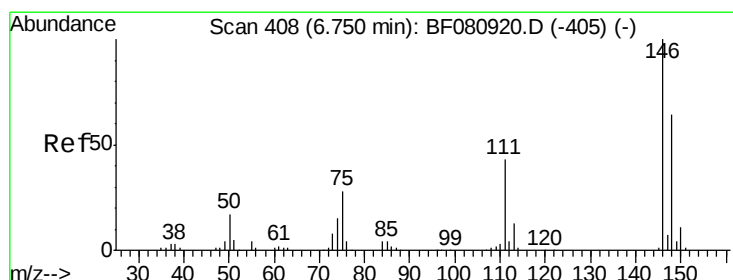
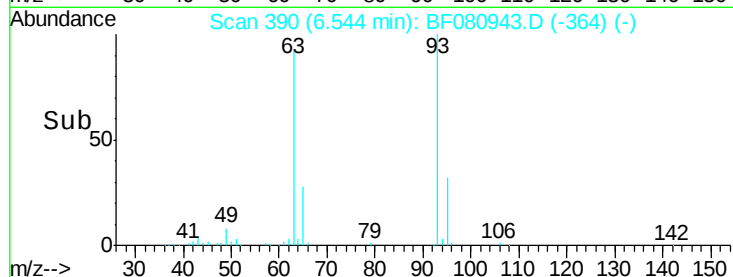
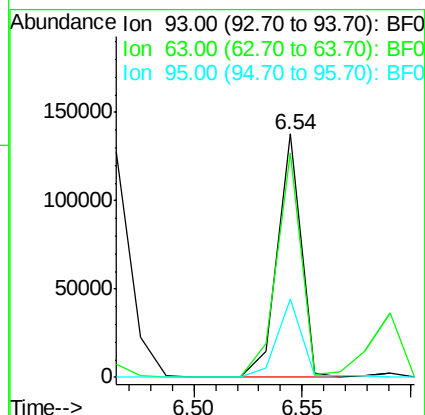
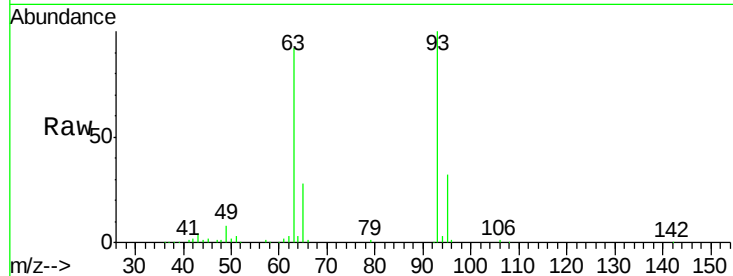




#11
bis(2-Chloroethyl)ether
Concen: 21.93 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

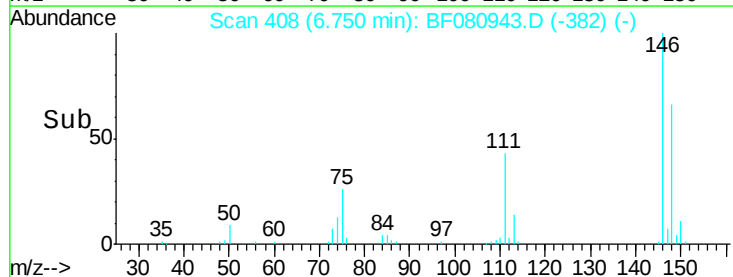
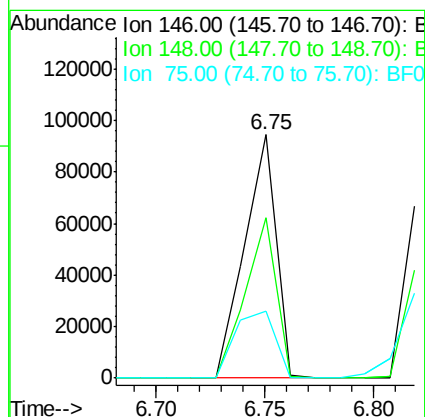
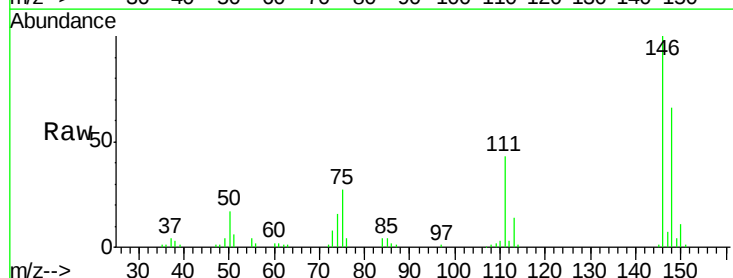
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 106031
Ion Ratio Lower Upper
93 100
63 92.2 76.7 116.7
95 32.2 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 19.48 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion: 146 Resp: 95301
Ion Ratio Lower Upper
146 100
148 65.7 51.4 77.0
75 27.4 22.2 33.4

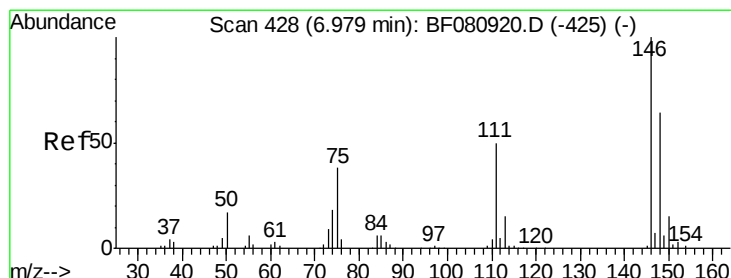
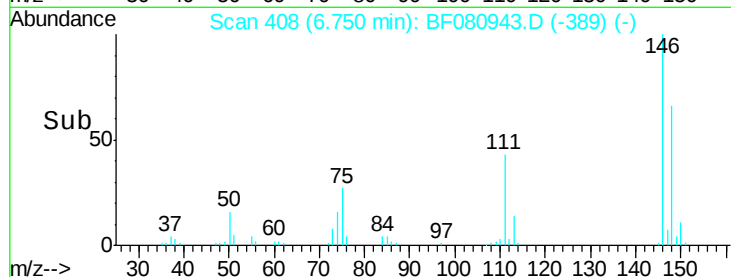
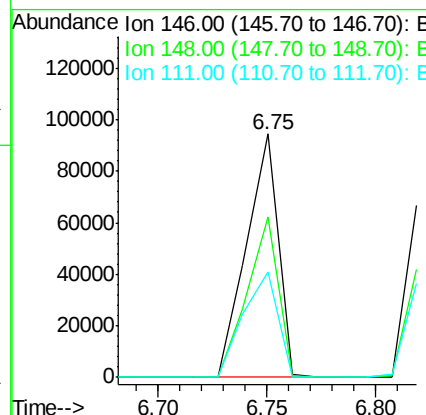
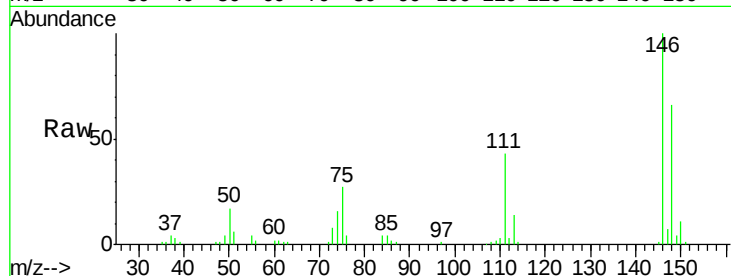




#13
 1,4-Dichlorobenzene
 Concen: 18.75 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.08 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

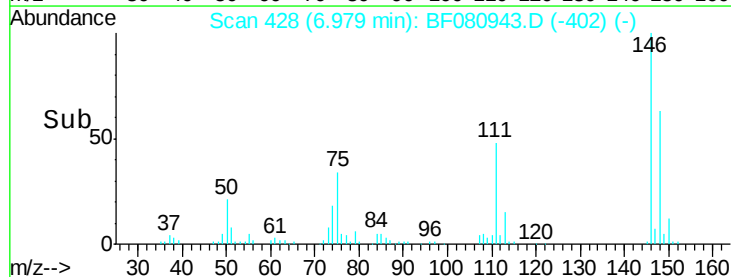
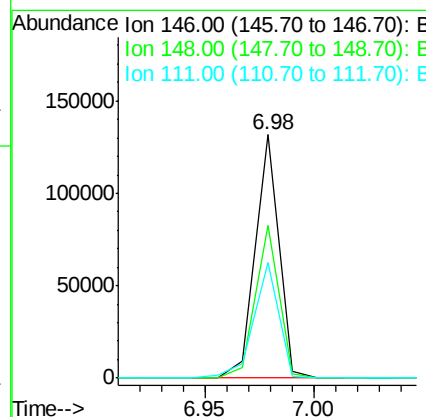
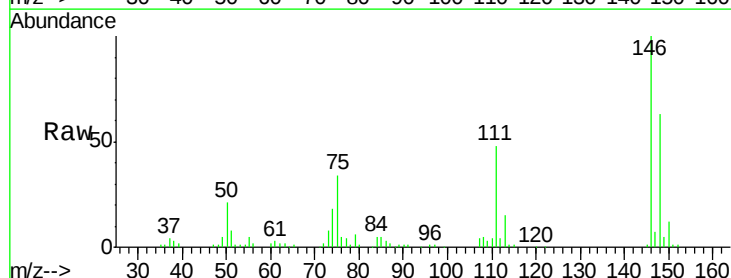
Instrument :
 BNA_F
 ClientSampleId :

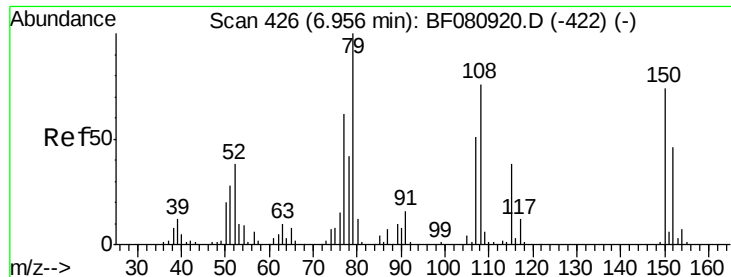
Tot Ion:146 Resp: 95301
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.2 78.4
 111 43.1 31.5 47.3



#14
 1,2-Dichlorobenzene
 Concen: 21.60 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:146 Resp: 99240
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.1 76.7
 111 47.5 40.0 60.0





#15

Benzyl Alcohol

Concen: 19.34 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampled :

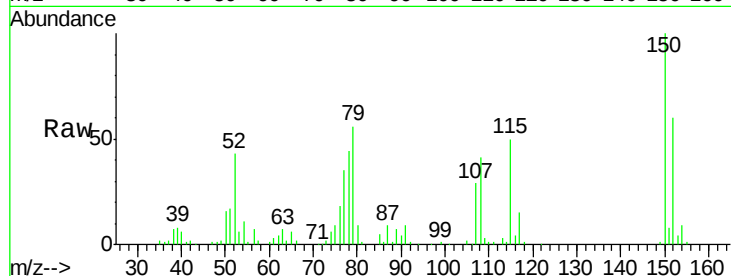
Tot Ion: 79 Resp: 86379

Ion Ratio Lower Upper

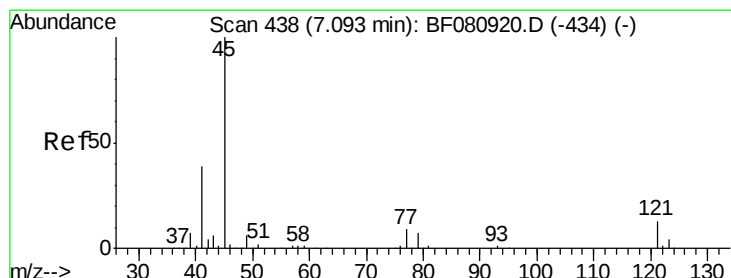
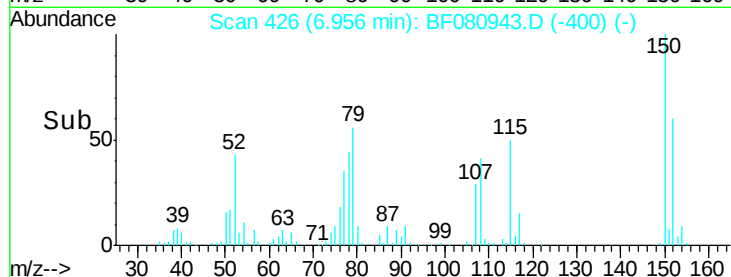
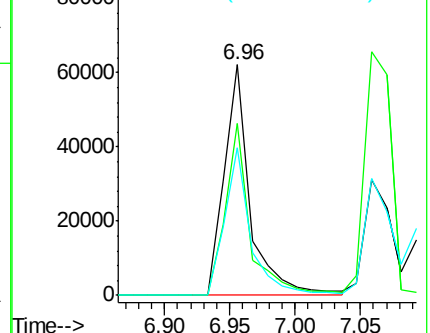
79 100

108 74.5 60.9 91.3

77 63.7 49.4 74.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 20.36 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

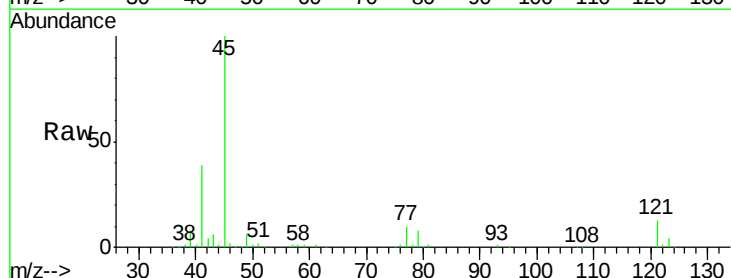
Tgt Ion: 45 Resp: 198035

Ion Ratio Lower Upper

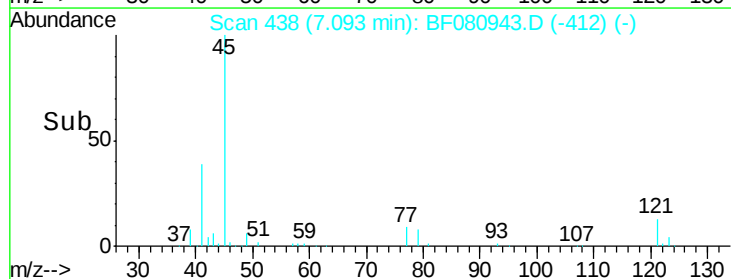
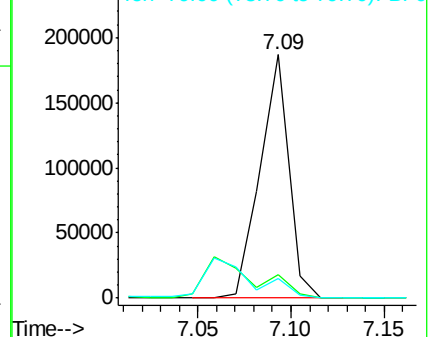
45 100

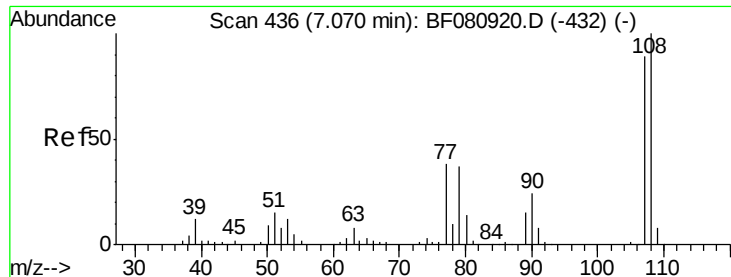
77 9.6 0.0 29.6

79 8.0 0.0 27.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

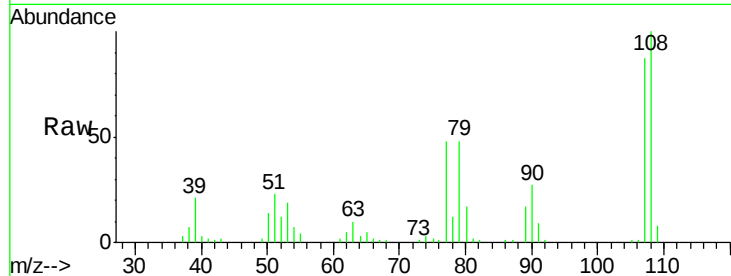




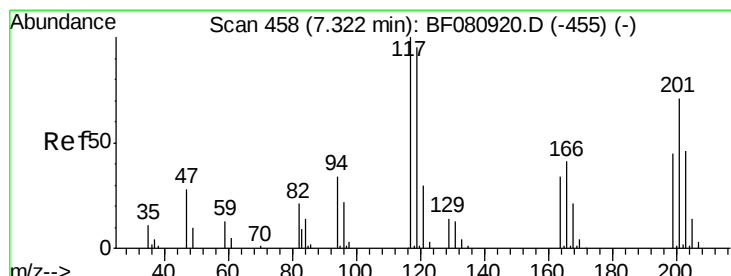
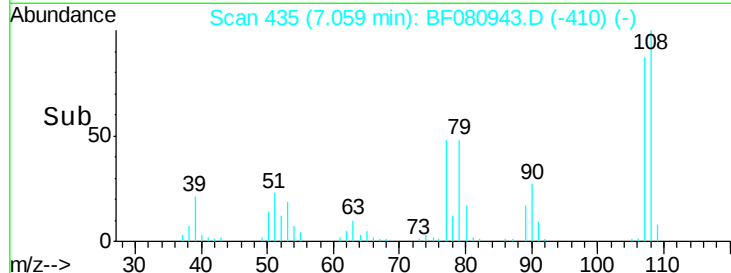
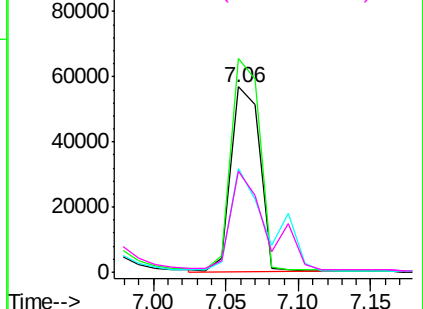
#17
2-Methylphenol
Concen: 19.90 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 78282
Ion Ratio Lower Upper
107 100
108 115.4 90.3 135.5
77 55.7 34.6 51.8#
79 54.8 33.6 50.4#

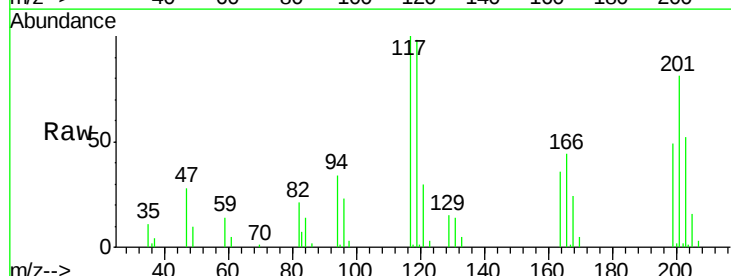


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

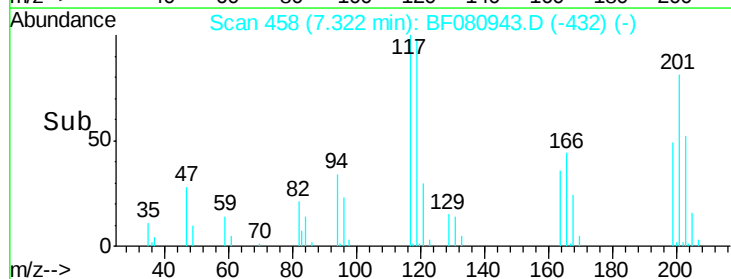
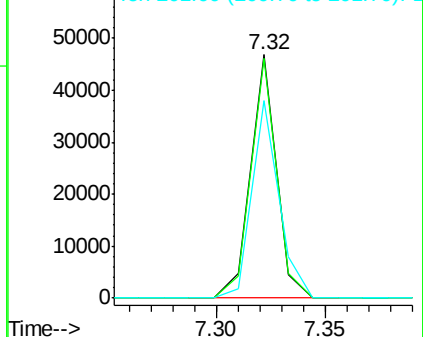


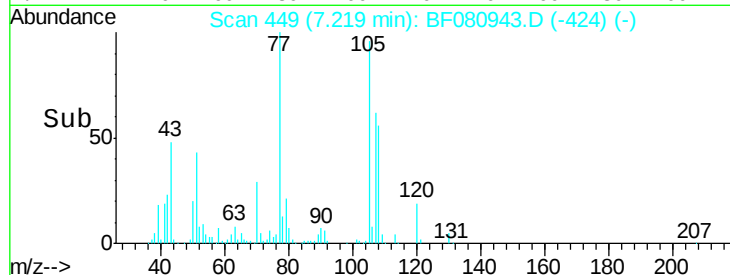
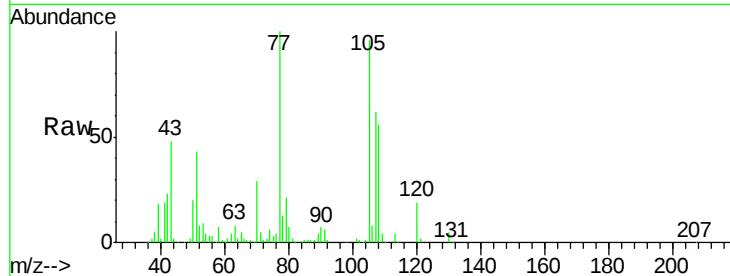
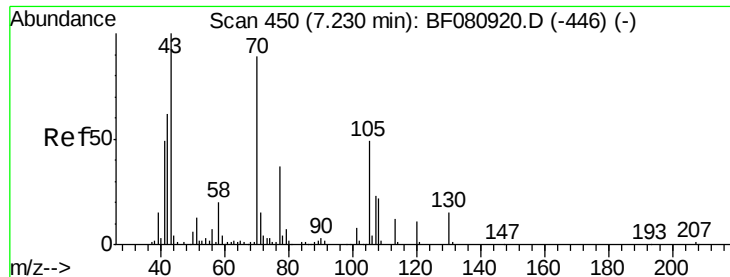
#18
Hexachloroethane
Concen: 19.73 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:117 Resp: 38430
Ion Ratio Lower Upper
117 100
119 98.3 76.3 114.5
201 81.0 57.0 85.6



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

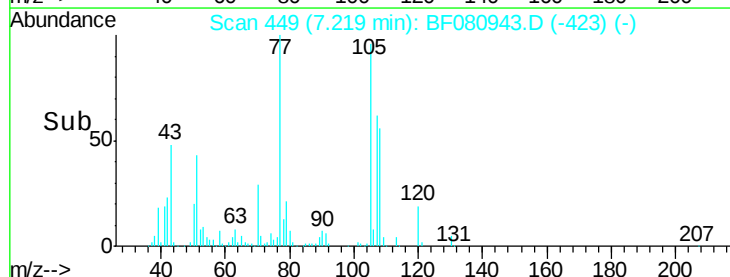
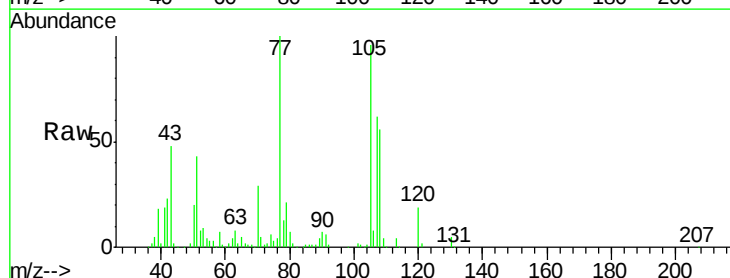
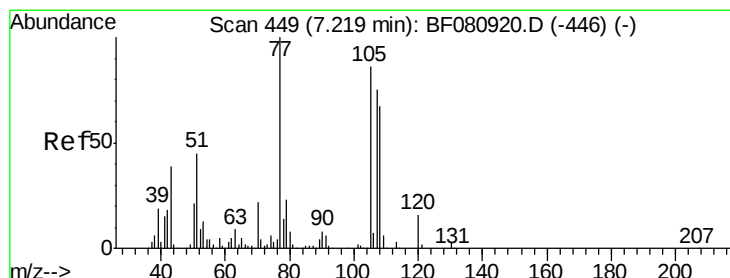
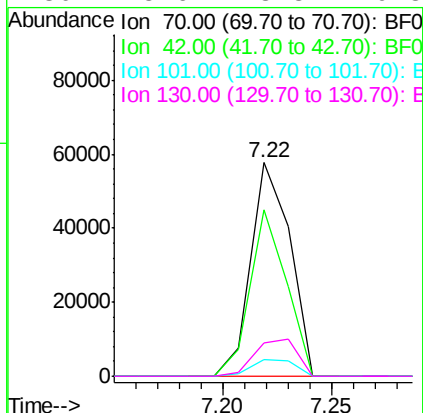




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

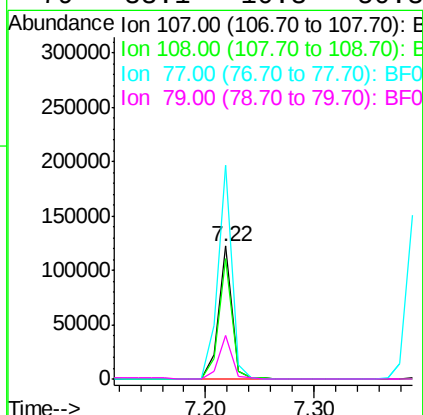
Instrument :
BNA_F
ClientSampleId :

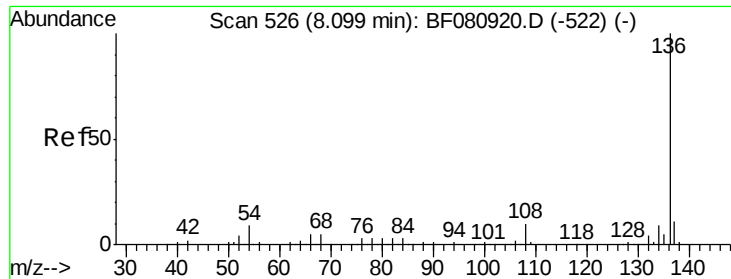
Tot Ion:	70	Resp:	72556
Ion	Ratio	Lower	Upper
70	100		
42	78.0	55.7	83.5
101	8.1	7.0	10.6
130	15.6	13.8	20.8



#20
3+4-Methylphenols
Concen: 21.67 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:	107	Resp:	107092
Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.2	109.2
77	160.8	113.0	153.0#
79	33.1	10.3	50.3

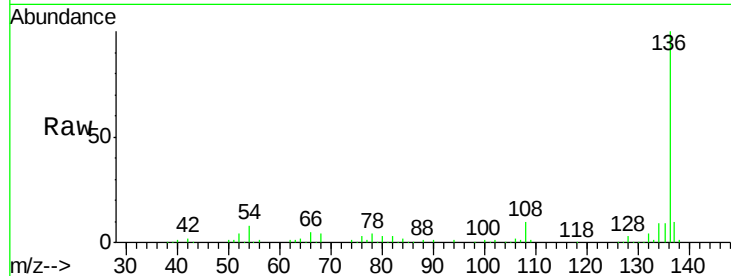




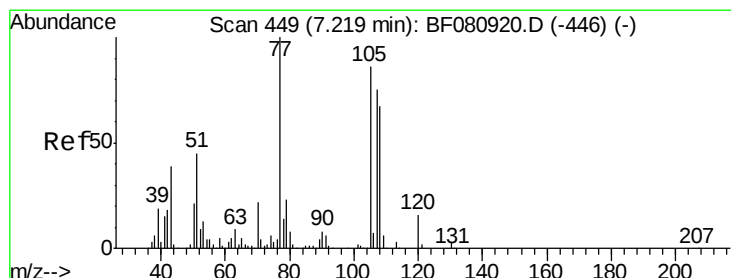
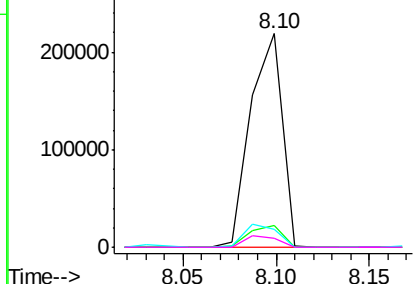
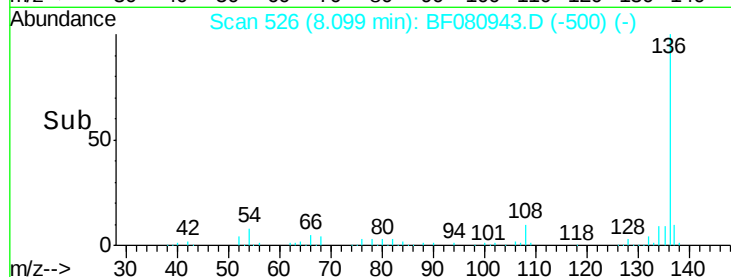
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	262117
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	8.2	7.1 10.7
68	4.1	3.8 5.8

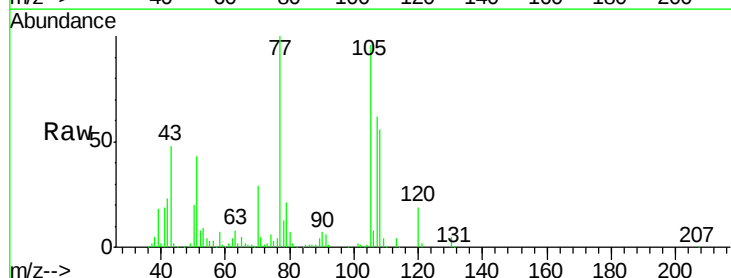


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

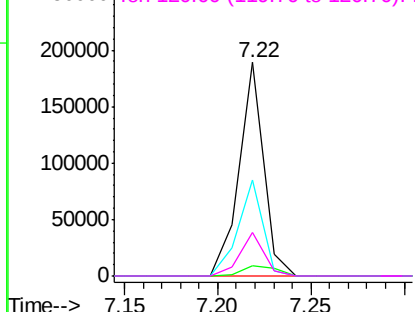
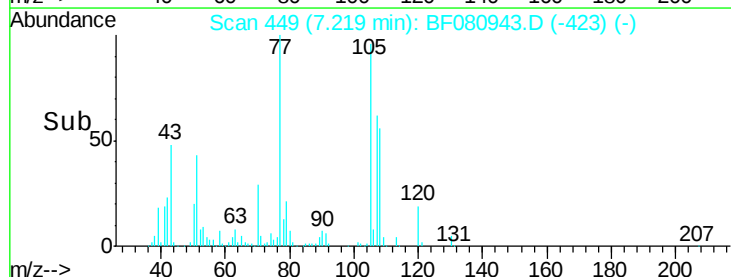


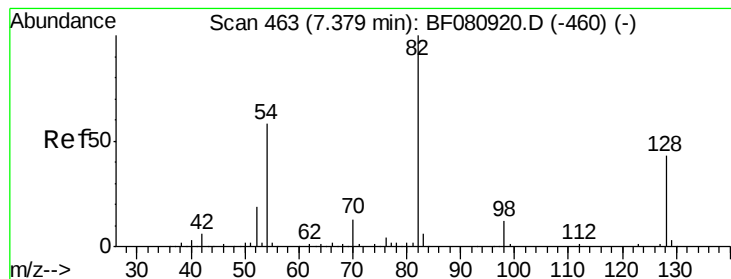
#22
Acetophenone
Concen: 27.04 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:105	Resp:	173635
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.3 4.9#
51	44.8	41.8 62.6
120	20.2	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: 50.77 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

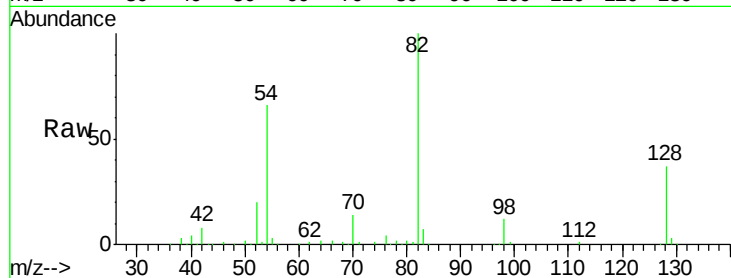
Tot Ion: 82 Resp: 281345

Ion Ratio Lower Upper

82 100

128 36.8 34.1 51.1

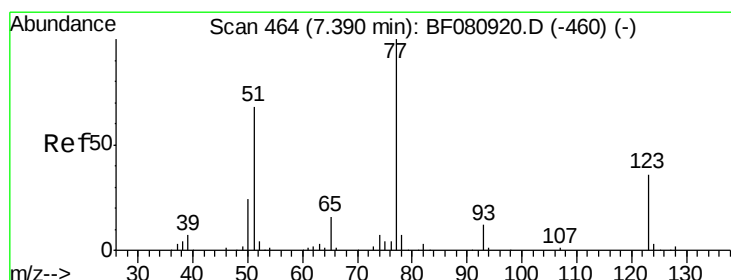
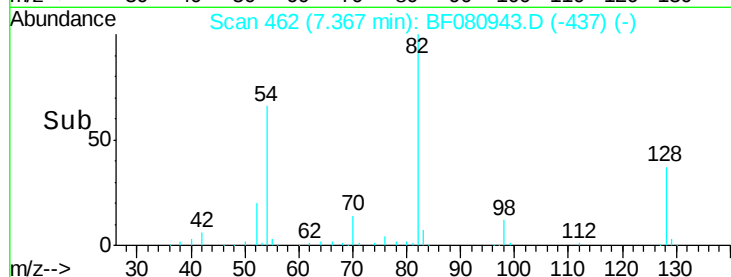
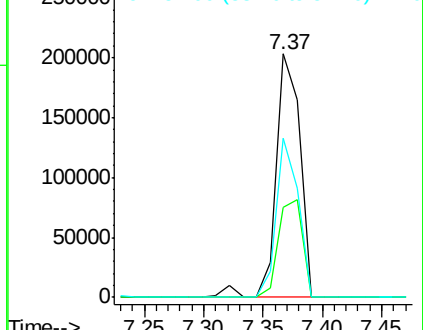
54 65.6 46.5 69.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 20.71 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

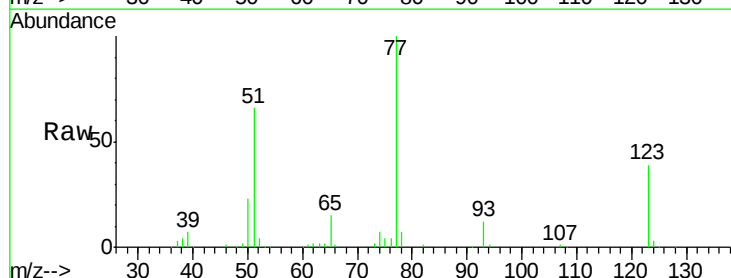
Tgt Ion: 77 Resp: 118175

Ion Ratio Lower Upper

77 100

123 39.4 28.7 43.1

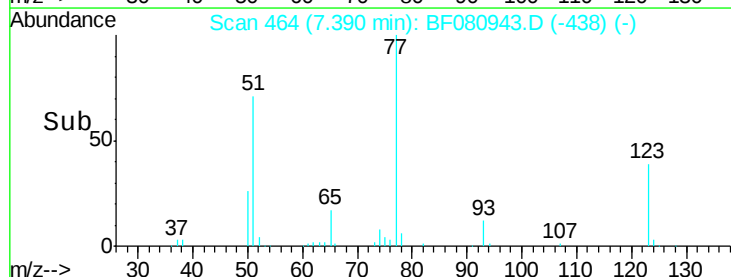
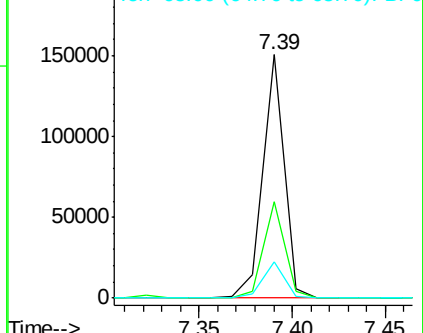
65 15.2 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 18.61 ng

RT: 7.63 min Scan# 485

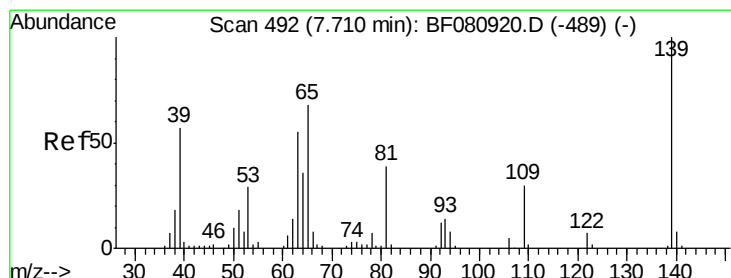
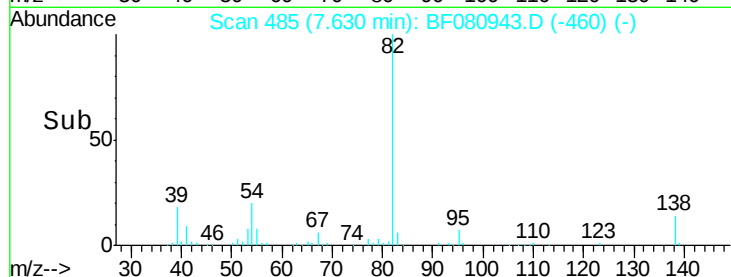
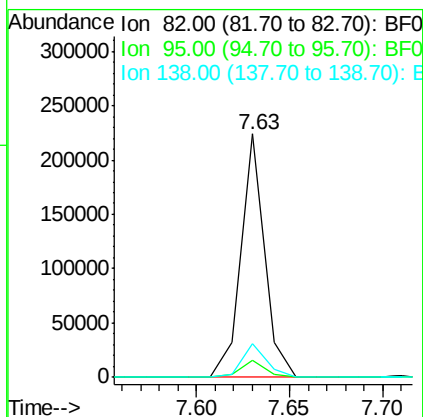
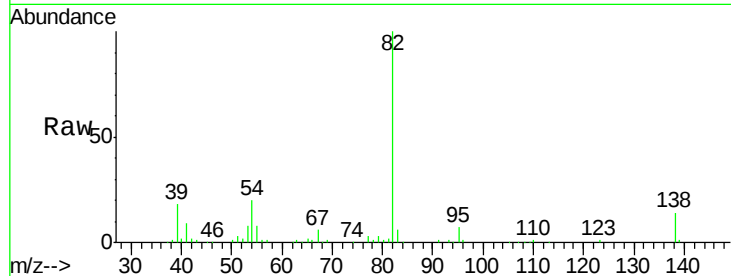
Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 198338
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 13.9 14.1 21.1#



#26

2-Nitrophenol

Concen: 21.63 ng

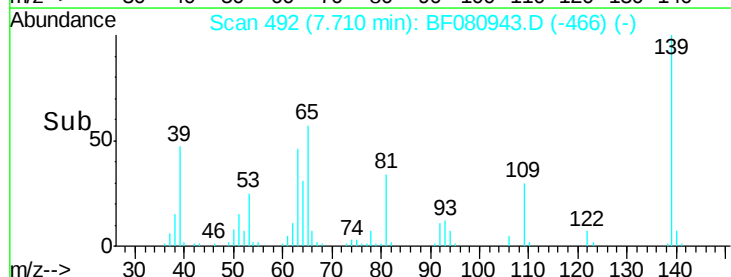
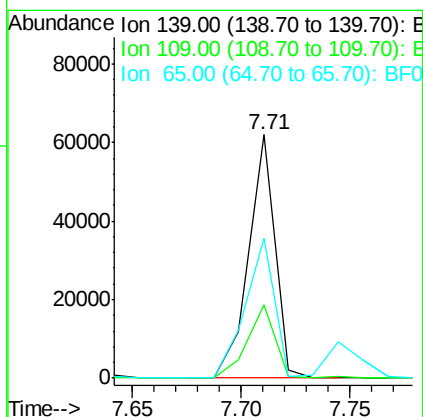
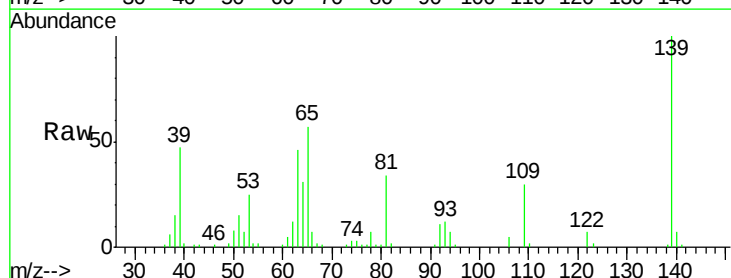
RT: 7.71 min Scan# 492

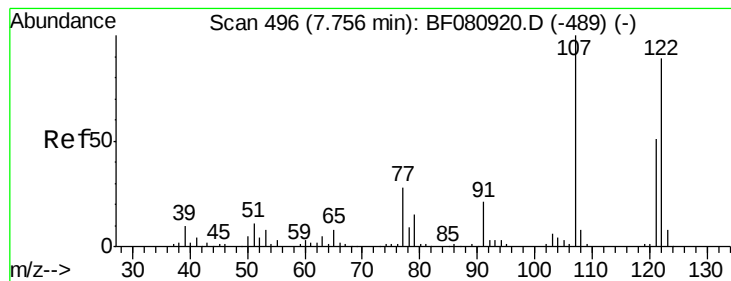
Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion: 139 Resp: 51926
Ion Ratio Lower Upper
139 100
109 30.1 24.1 36.1
65 57.2 54.0 81.0





#27

2,4-Dimethylphenol

Concen: 19.89 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

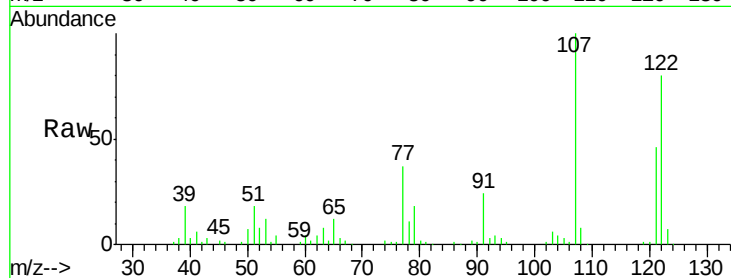
Tot Ion:122 Resp: 89378

Ion Ratio Lower Upper

122 100

107 124.5 90.2 135.4

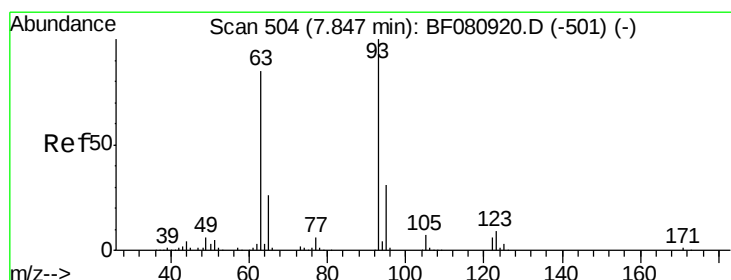
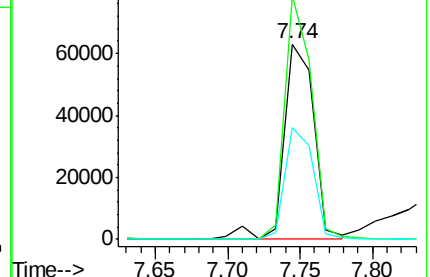
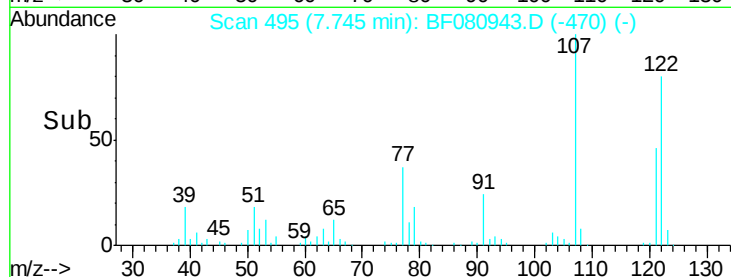
121 56.8 46.0 69.0



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: 20.22 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

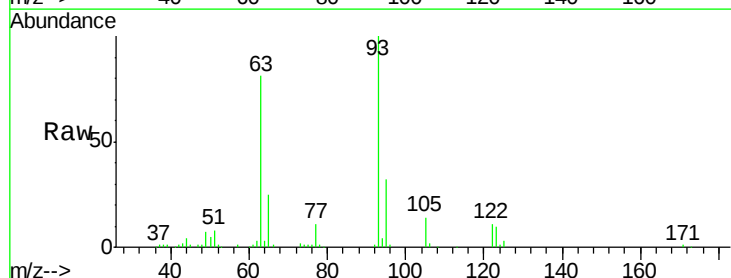
Tgt Ion: 93 Resp: 129389

Ion Ratio Lower Upper

93 100

95 32.2 25.0 37.4

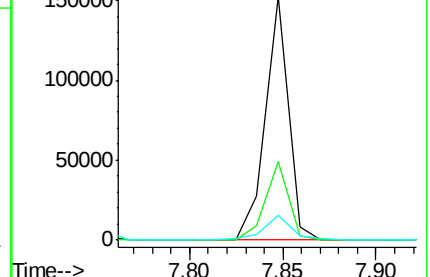
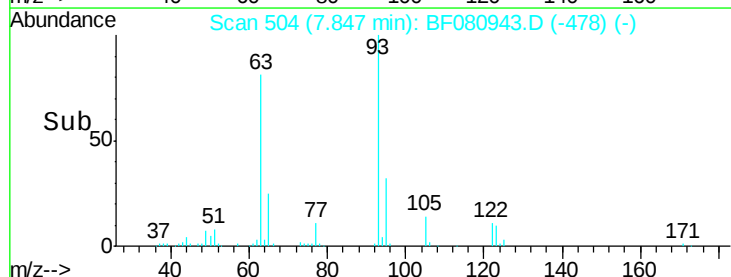
123 10.1 7.4 11.0



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

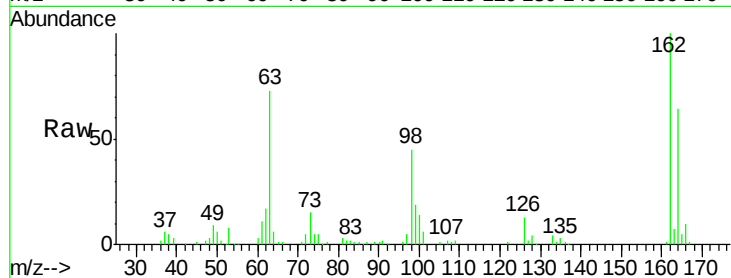




#29
 2,4-Dichlorophenol
 Concen: 21.36 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.3	82.3
98	44.7	27.7	67.7

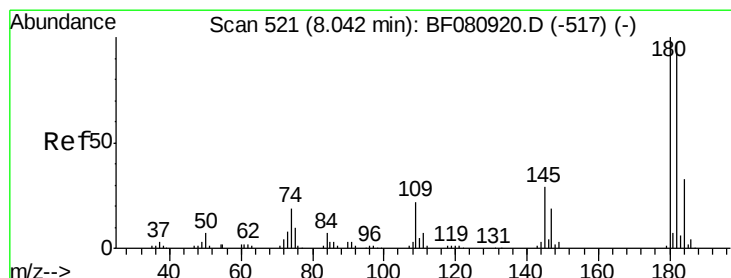
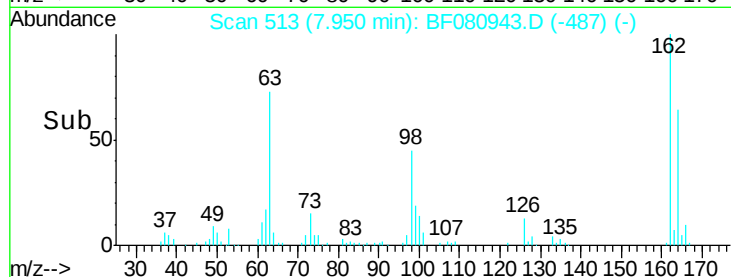
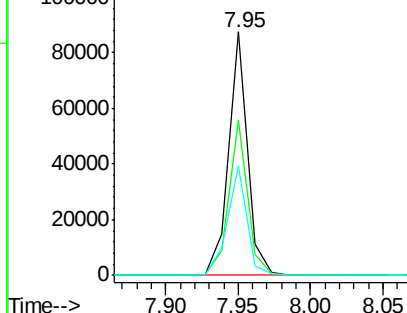


Abundance

Ion 162.00 (161.70 to 162.70): E

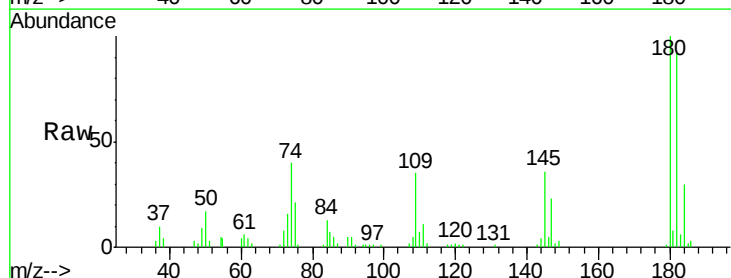
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 19.41 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.4	116.0
145	35.9	23.2	34.8#

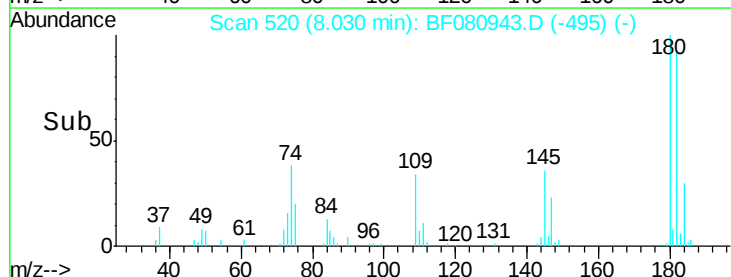
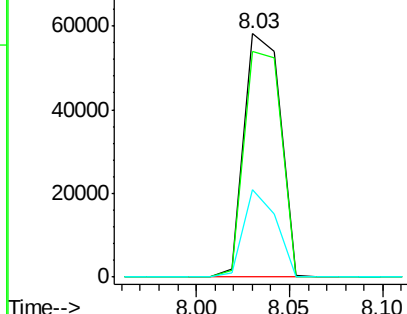


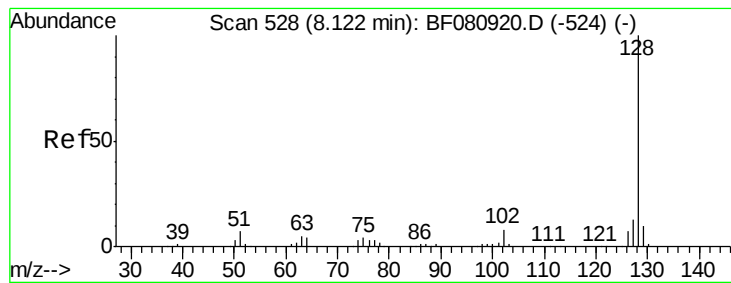
Abundance

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: 18.28 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

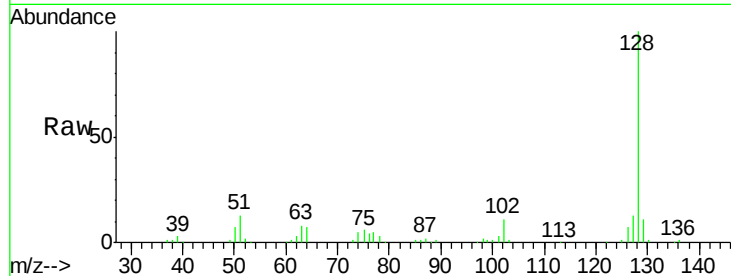
Tot Ion:128 Resp: 264148

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

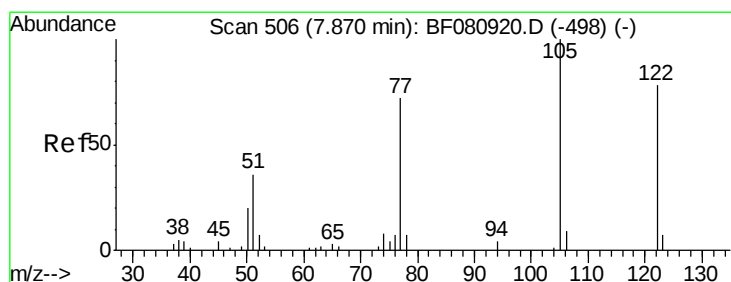
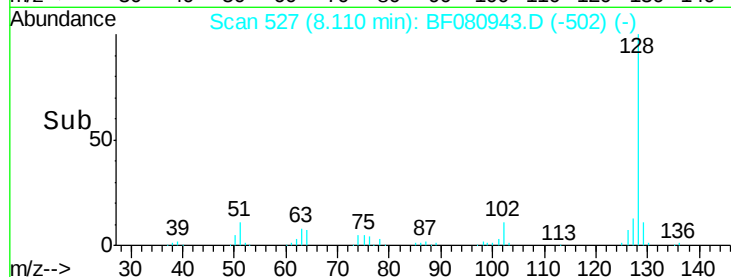
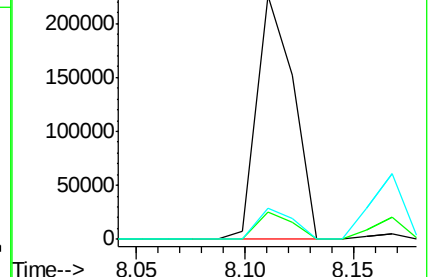
127 12.9 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.73 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

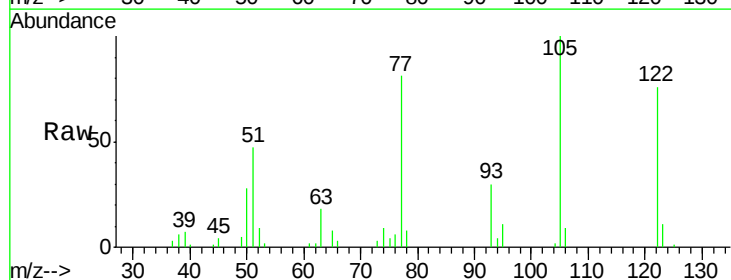
Tgt Ion:122 Resp: 71936

Ion Ratio Lower Upper

122 100

105 131.0 103.6 143.6

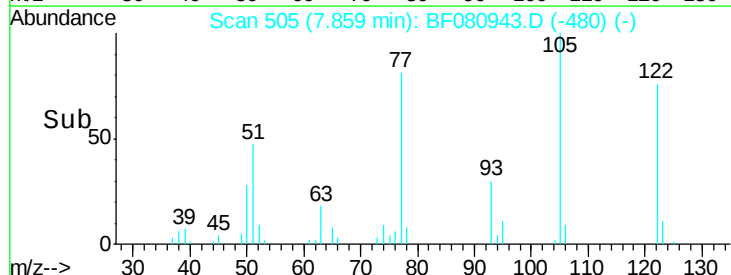
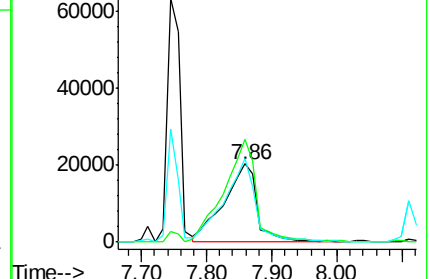
77 106.7 70.4 110.4

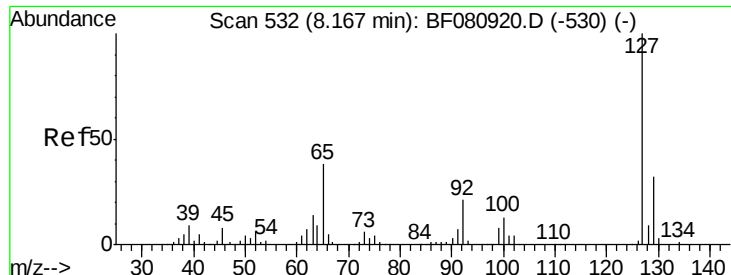


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

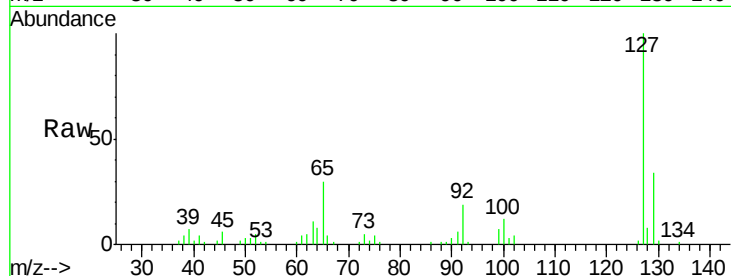




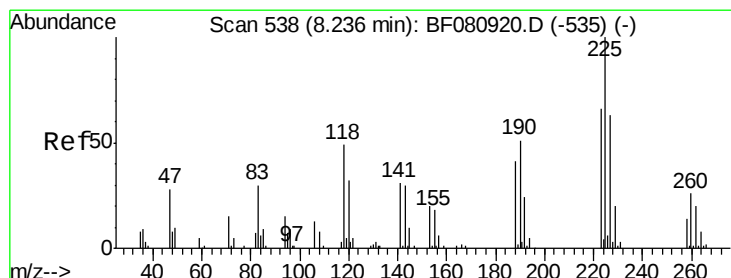
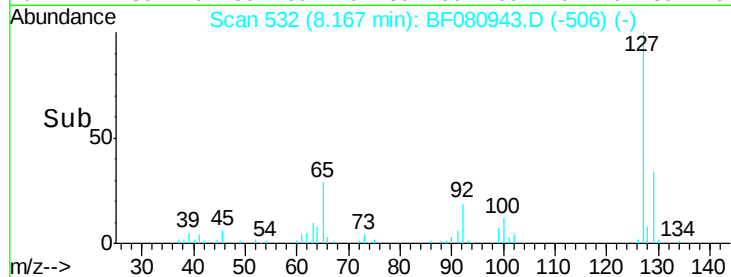
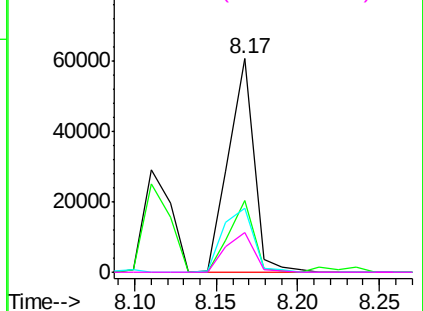
#33
4-Chloroaniline
Concen: 11.18 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	65661
Ion Ratio	Lower	Upper
127	100	
129	33.8	25.9 38.9
65	30.1	30.6 45.8
92	18.9	16.9 25.3

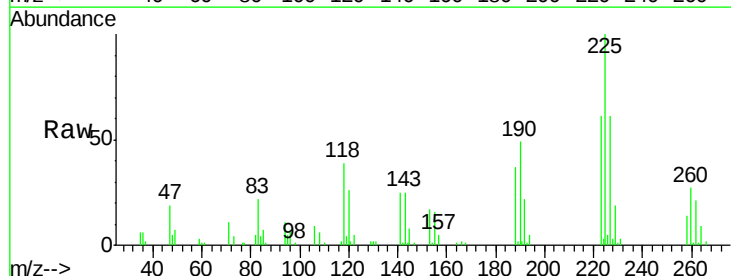


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

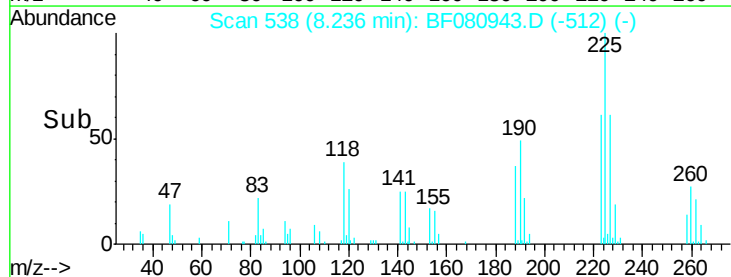
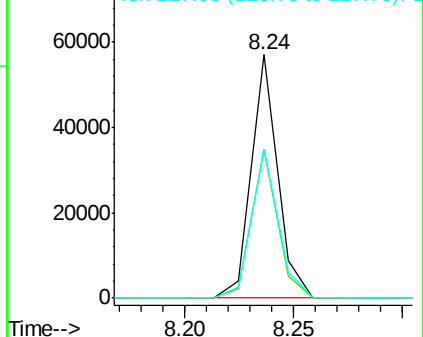


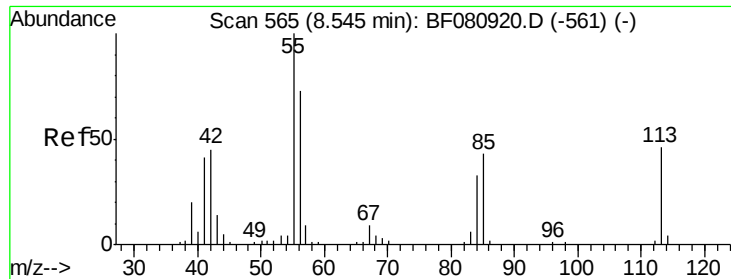
#34
Hexachlorobutadiene
Concen: 19.93 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:225	Resp:	47882
Ion Ratio	Lower	Upper
225	100	
223	61.2	52.5 78.7
227	61.4	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

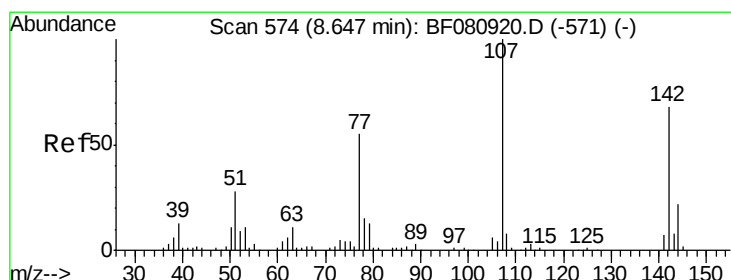
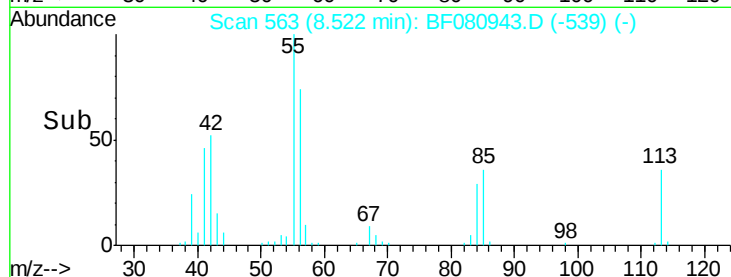
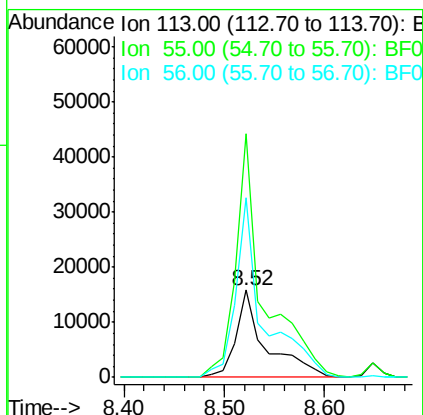
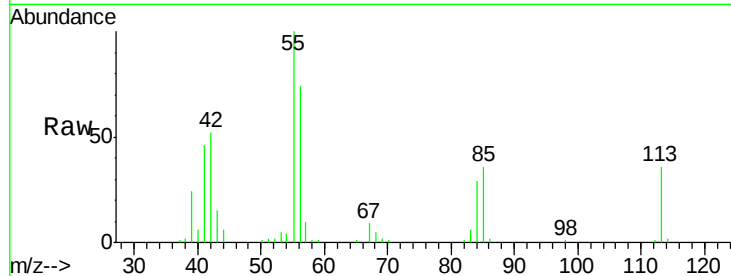




#35
 Caprolactam
 Concen: 24.48 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

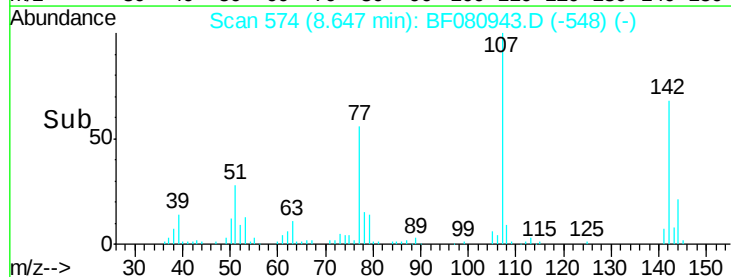
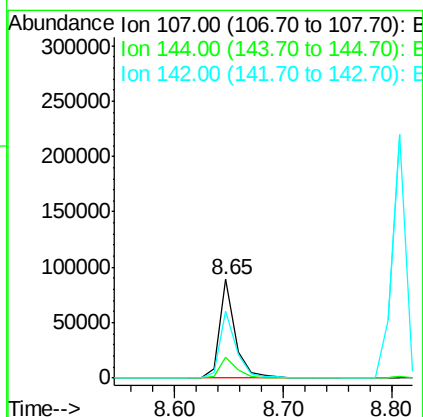
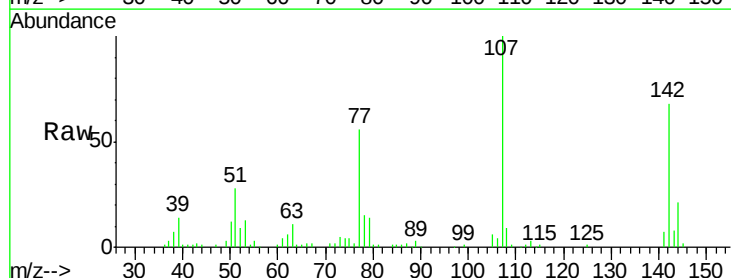
Instrument :
 BNA_F
 ClientSampled :

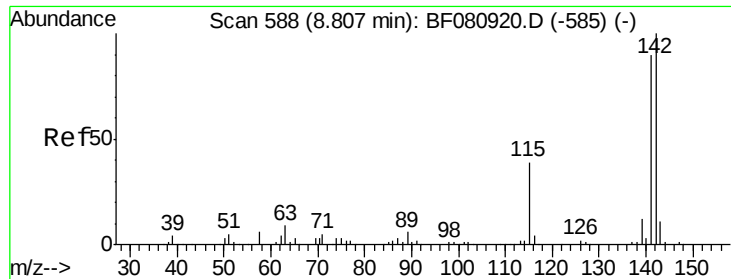
Tot Ion:113 Resp: 32527
 Ion Ratio Lower Upper
 113 100
 55 280.2 196.4 236.4#
 56 207.5 137.9 177.9#



#36
 4-Chloro-3-methylphenol
 Concen: 20.19 ng
 RT: 8.65 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:107 Resp: 91002
 Ion Ratio Lower Upper
 107 100
 144 21.1 17.3 25.9
 142 67.9 54.4 81.6

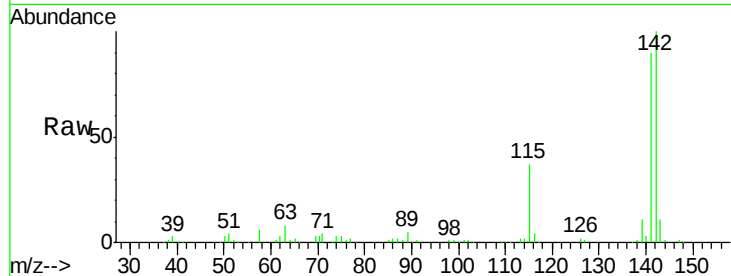




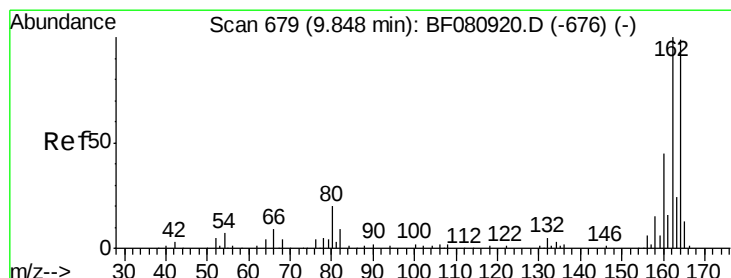
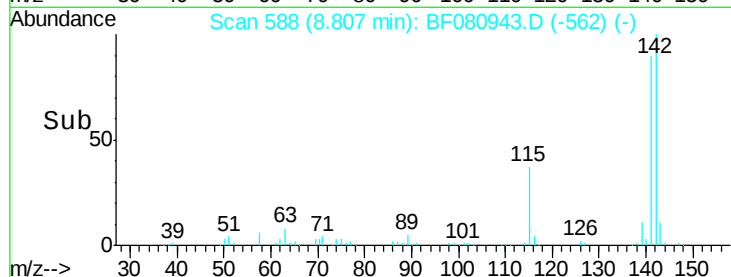
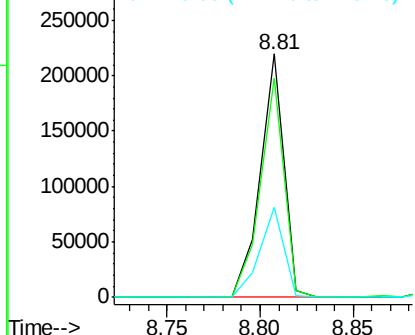
#37
2-Methylnaphthalene
Concen: 20.80 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 191334
Ion Ratio Lower Upper
142 100
141 89.9 71.7 107.5
115 36.7 30.9 46.3

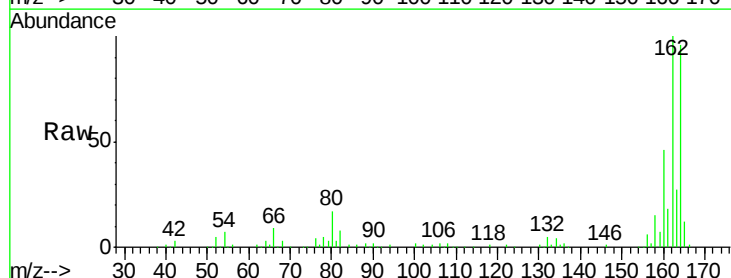


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

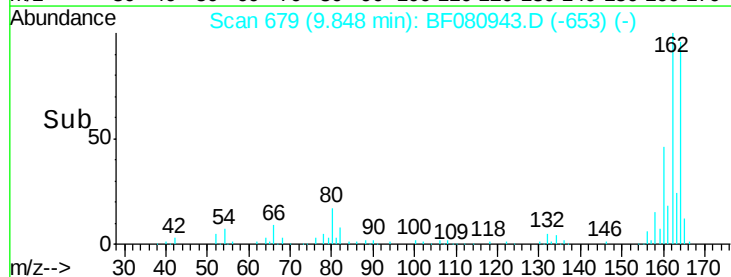
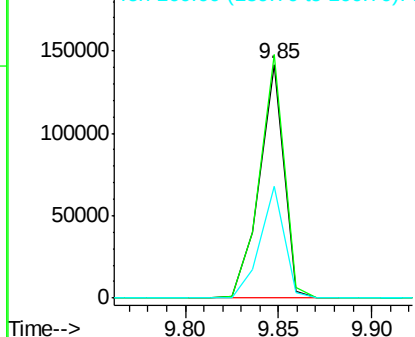


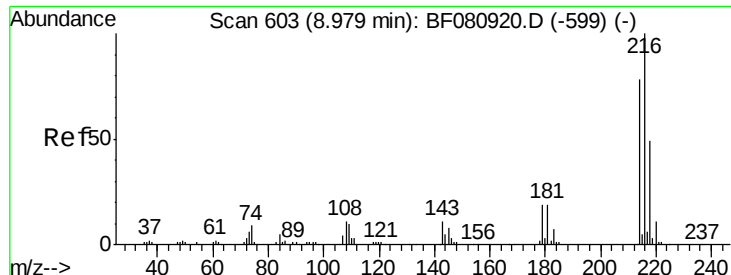
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:164 Resp: 127987
Ion Ratio Lower Upper
164 100
162 104.3 80.5 120.7
160 47.7 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: 22.89 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 90321

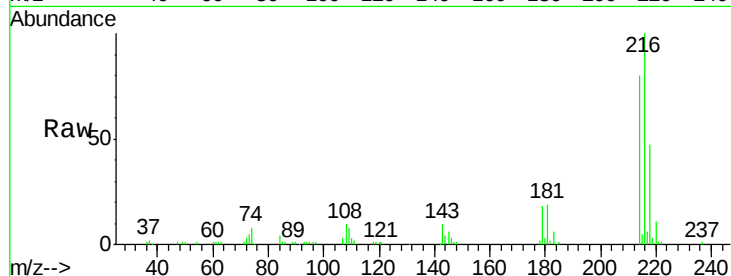
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.7 17.2 25.8

108 22.3 16.1 24.1

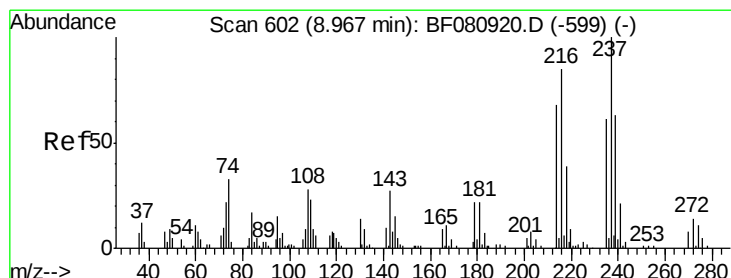
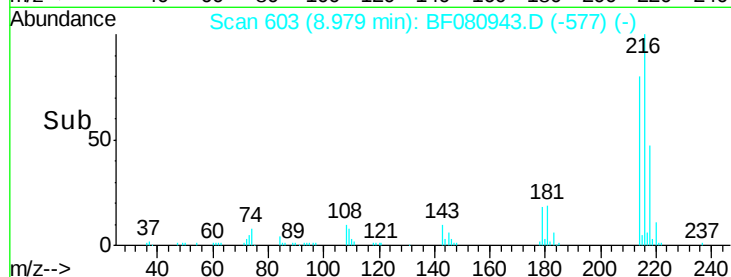
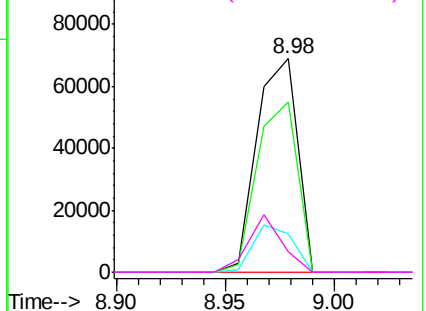


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.89 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

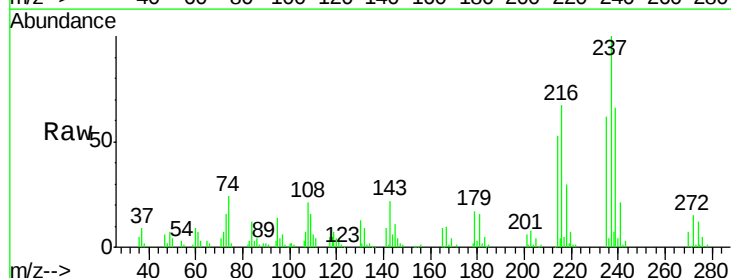
Tgt Ion:237 Resp: 98792

Ion Ratio Lower Upper

237 100

235 62.1 41.3 81.3

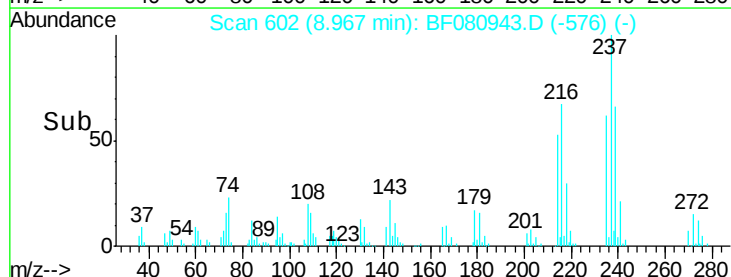
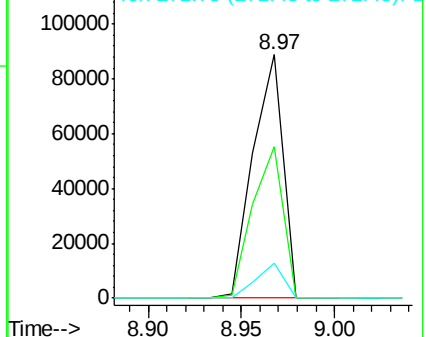
272 14.5 0.0 33.6

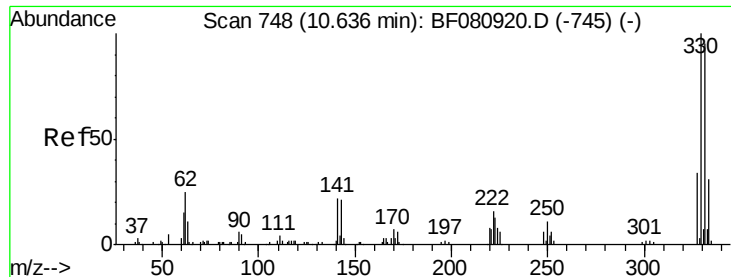


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

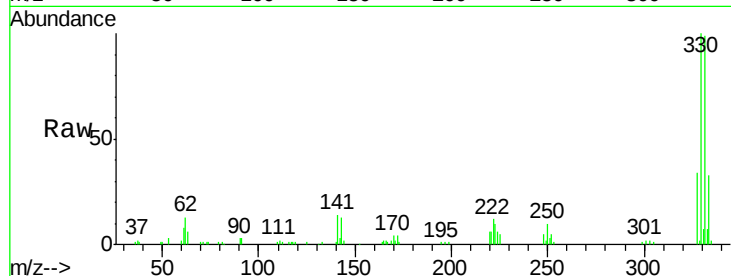




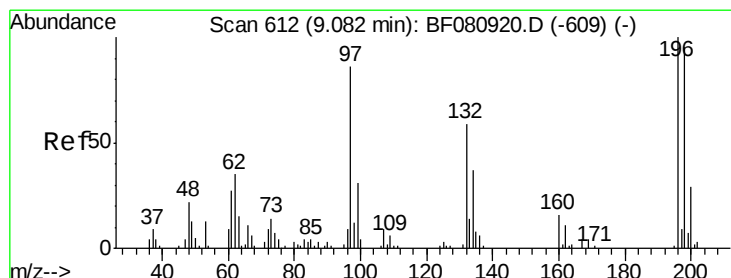
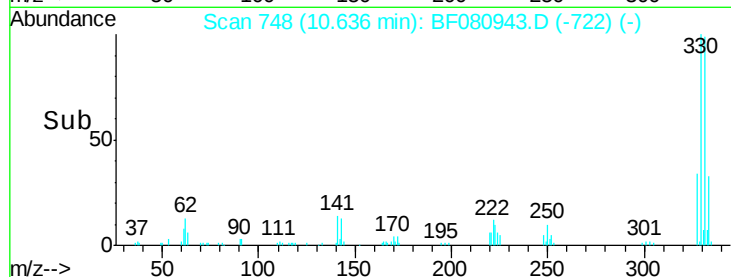
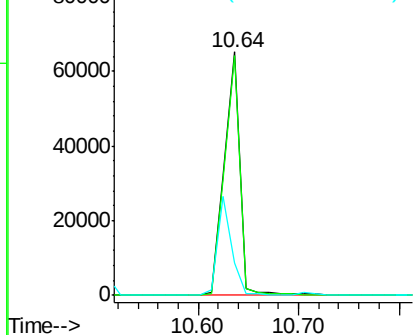
#41
 2,4,6-Tribromophenol
 Concen: 50.24 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 70639
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 36.8 27.8 41.8

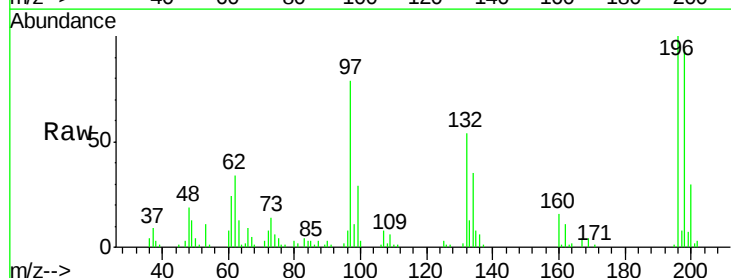


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

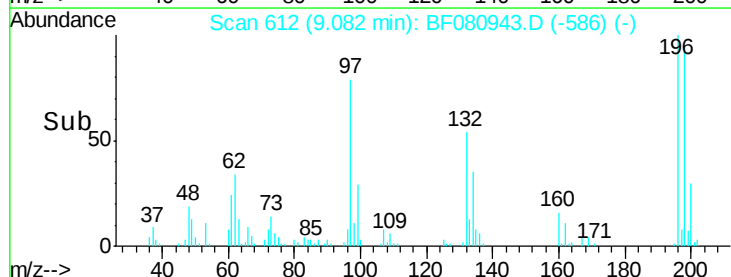
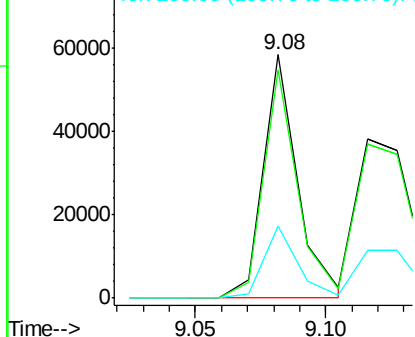


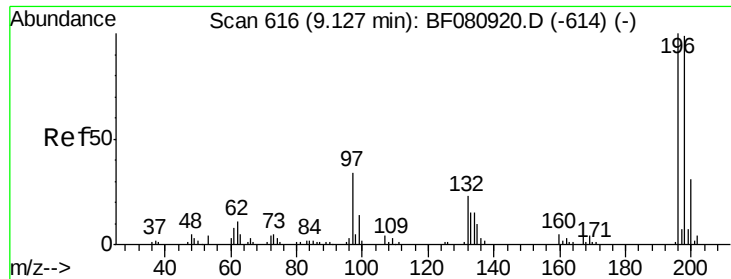
#42
 2,4,6-Trichlorophenol
 Concen: 18.48 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:196 Resp: 53442
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.9 113.9
 200 29.6 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

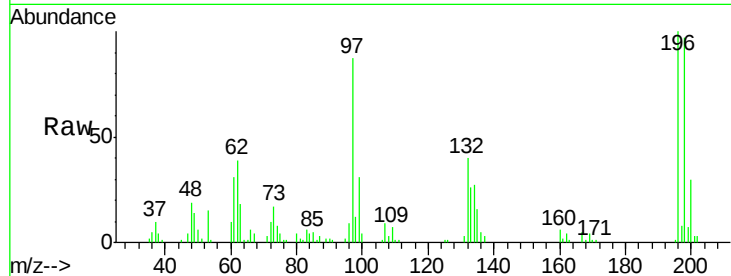




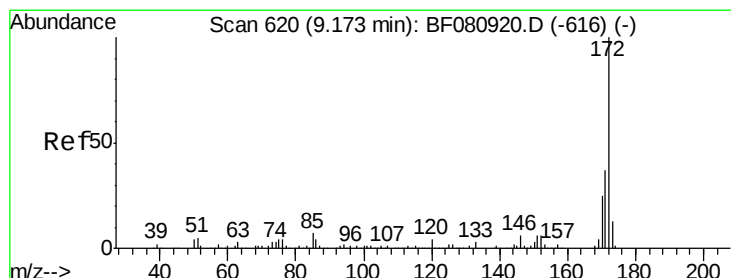
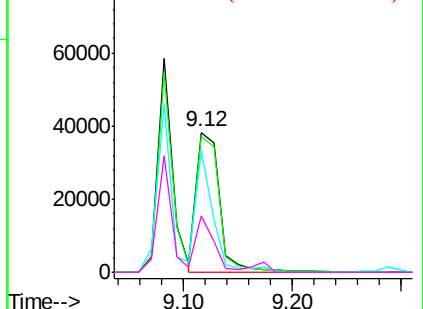
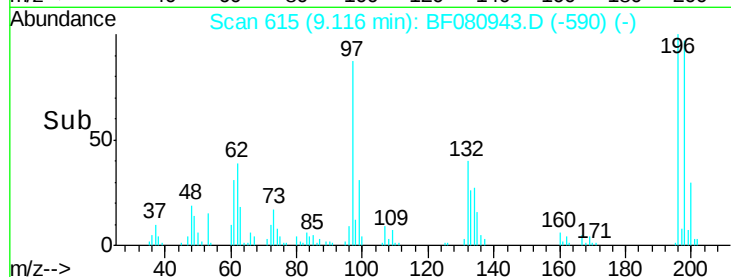
#43
 2,4,5-Trichlorophenol
 Concen: 19.66 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 57293
 Ion Ratio Lower Upper
 196 100
 198 96.8 78.9 118.3
 97 87.1 29.1 43.7#
 132 40.0 19.1 28.7#

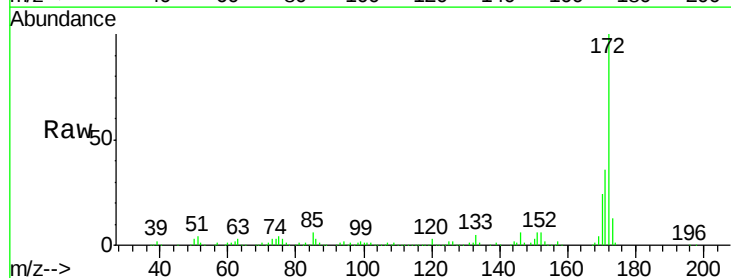


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

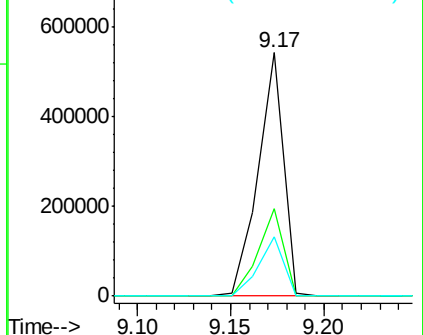
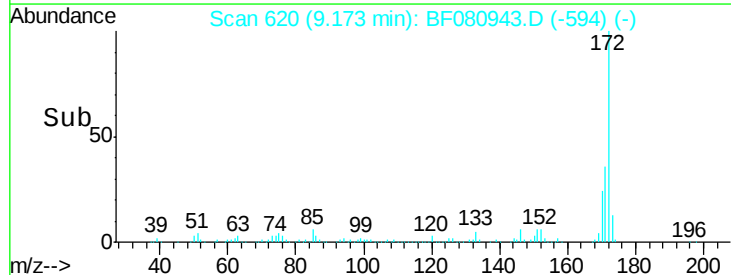


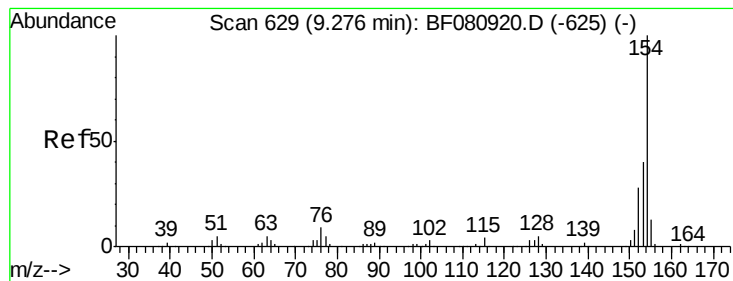
#44
 2-Fluorobiphenyl
 Concen: 55.96 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:172 Resp: 508738
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 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: 24.87 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

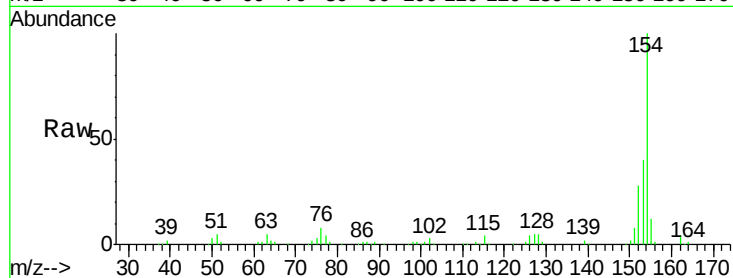
Tot Ion:154 Resp: 273196

Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

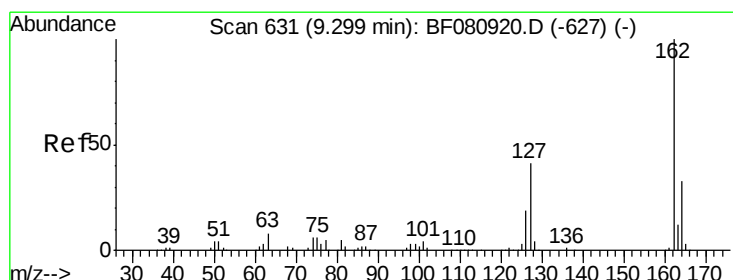
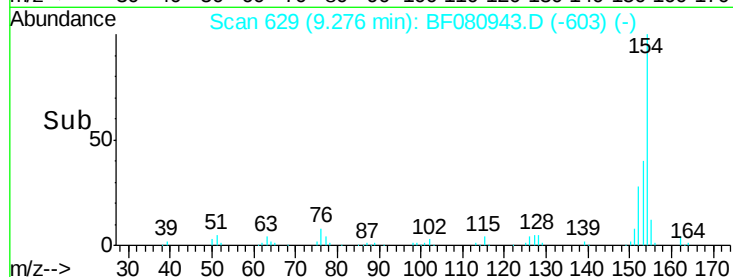
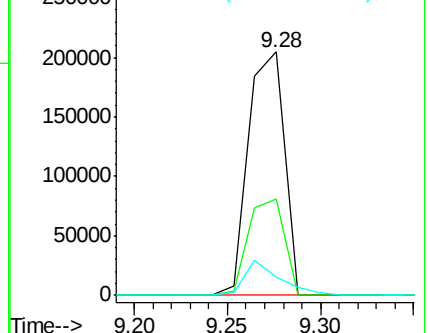
76 7.5 0.0 29.3



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: 18.55 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

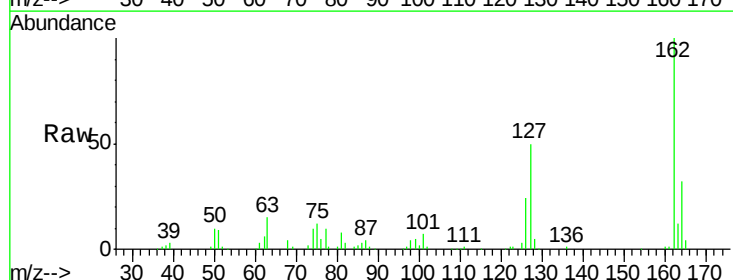
Tgt Ion:162 Resp: 158870

Ion Ratio Lower Upper

162 100

127 50.1 32.5 48.7#

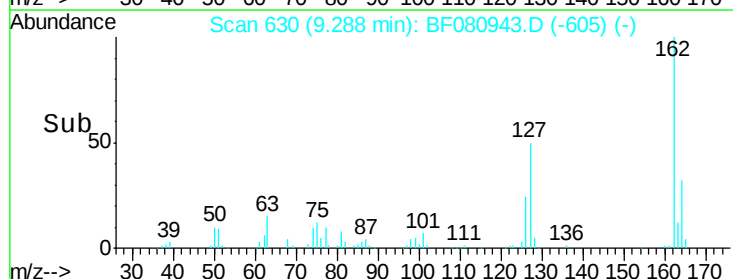
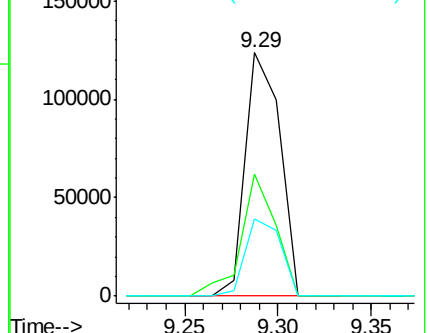
164 31.5 26.2 39.4

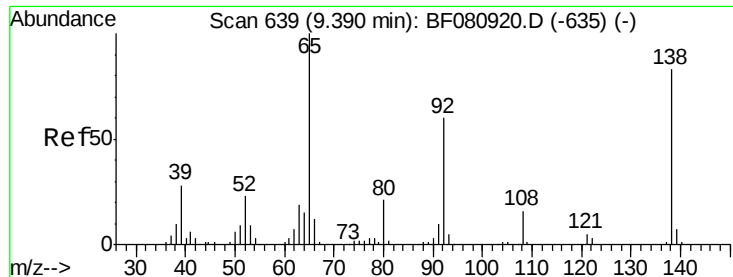


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

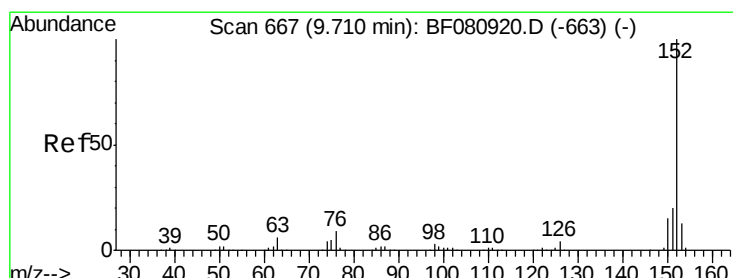
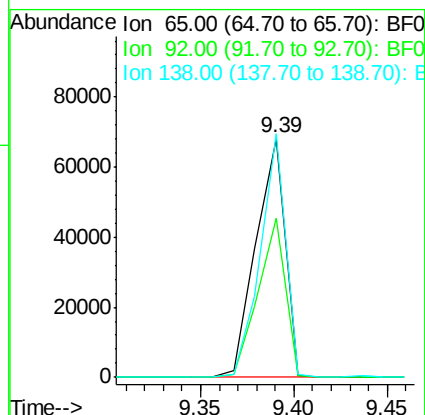
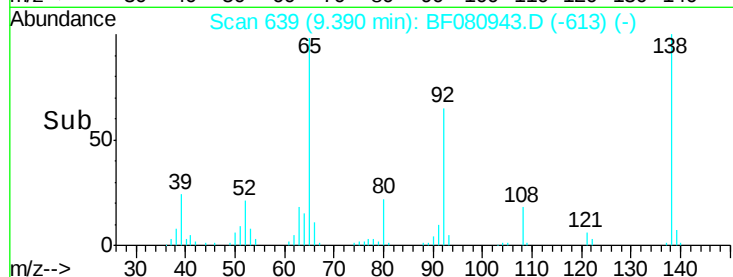
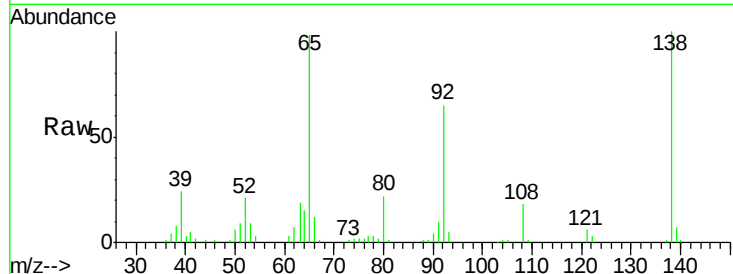




#47
 2-Nitroaniline
 Concen: 21.48 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

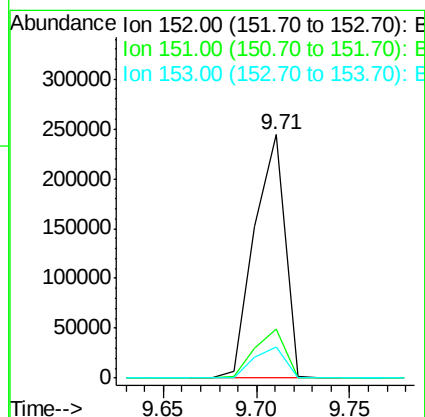
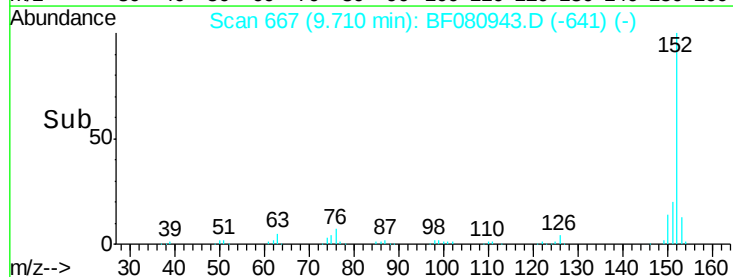
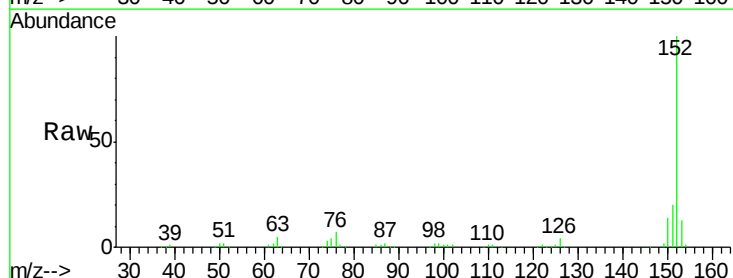
Instrument :
 BNA_F
 ClientSampleId :

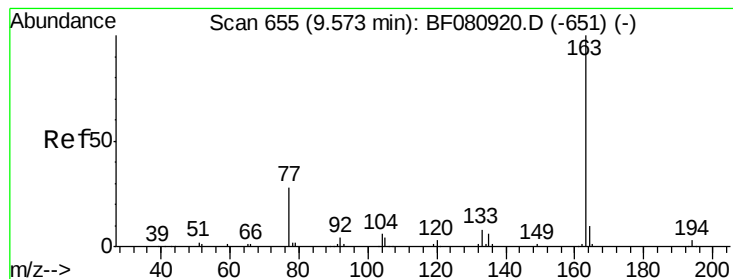
Tot Ion: 65 Resp: 73763
 Ion Ratio Lower Upper
 65 100
 92 66.4 48.0 72.0
 138 101.9 66.1 99.1#



#48
 Acenaphthylene
 Concen: 18.65 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion: 152 Resp: 277631
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.3 24.5
 153 12.7 10.5 15.7





#49

Dimethylphthalate

Concen: 19.97 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

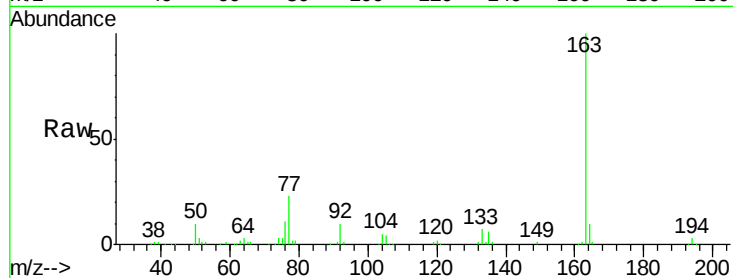
Tot Ion:163 Resp: 212308

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

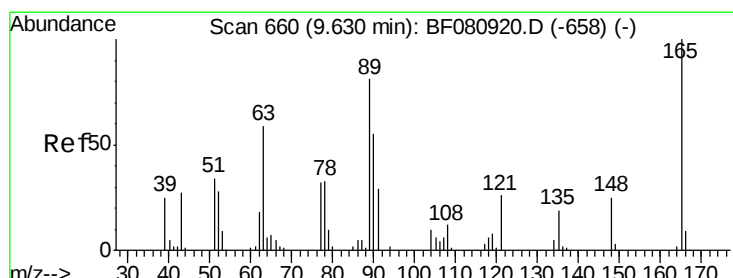
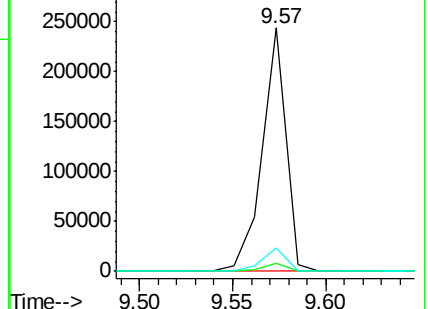
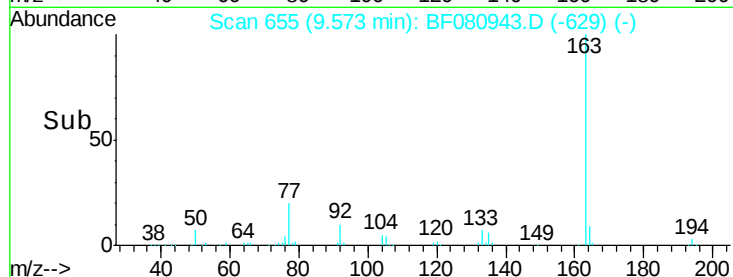
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 20.23 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

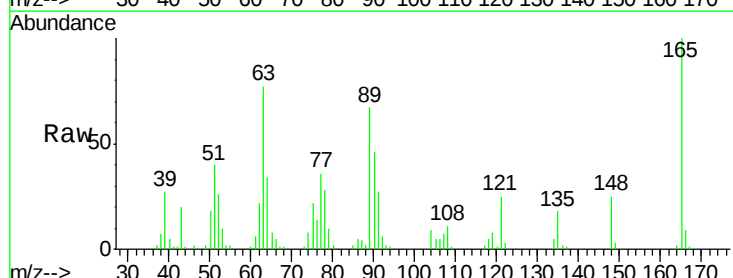
Tgt Ion:165 Resp: 44426

Ion Ratio Lower Upper

165 100

63 77.0 77.6 116.4#

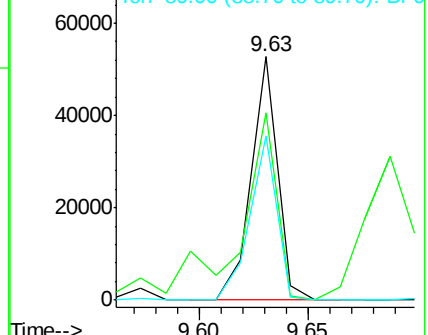
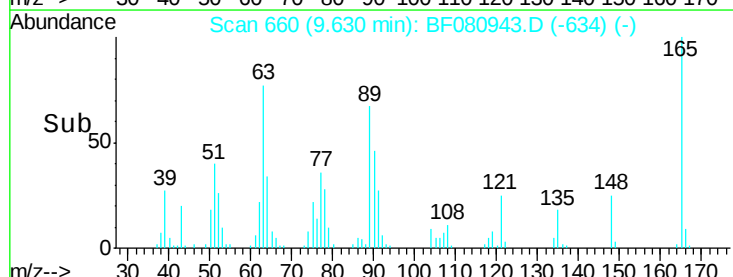
89 67.3 64.5 96.7

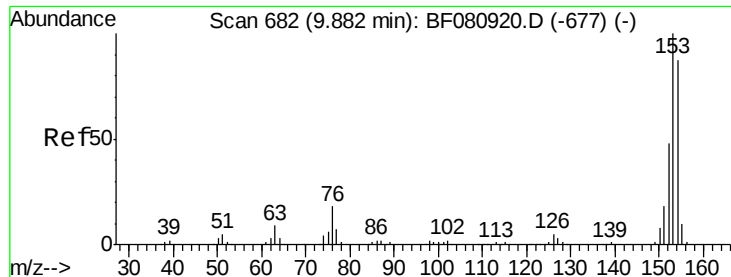


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 22.96 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

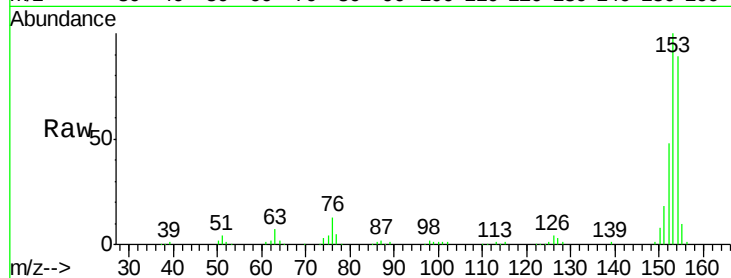
Tot Ion:154 Resp: 209311

Ion Ratio Lower Upper

154 100

153 112.3 91.4 137.2

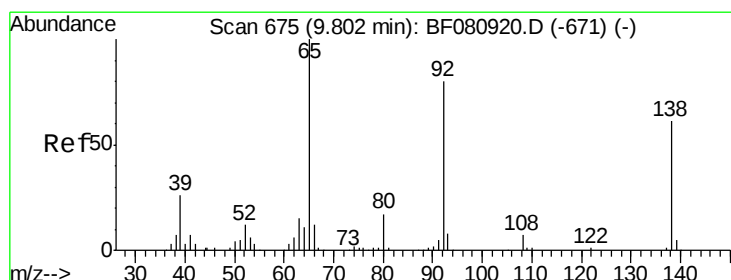
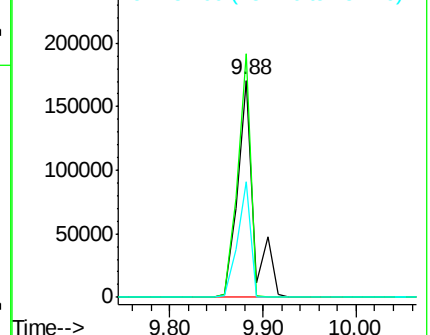
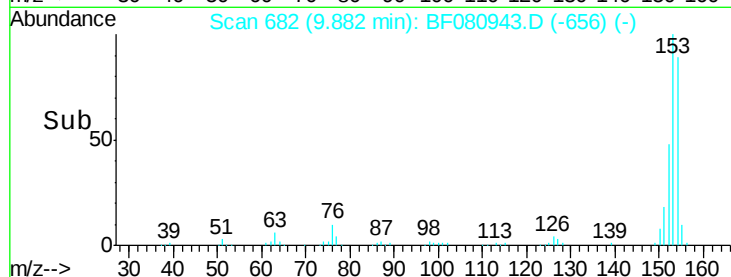
152 53.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.45 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

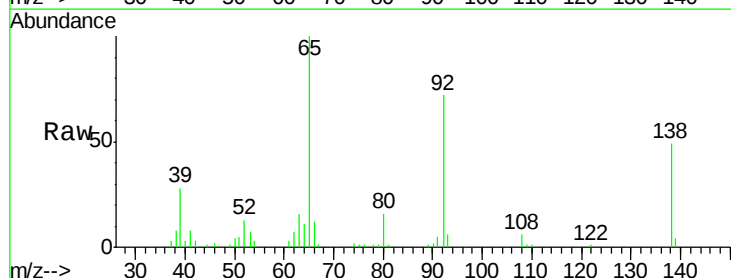
Tgt Ion:138 Resp: 31006

Ion Ratio Lower Upper

138 100

108 12.3 8.7 13.1

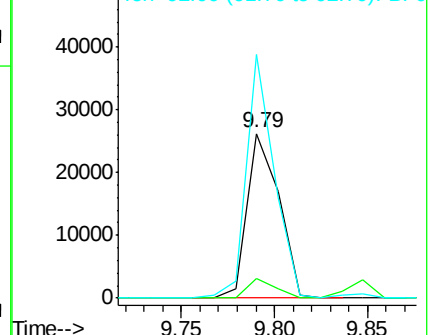
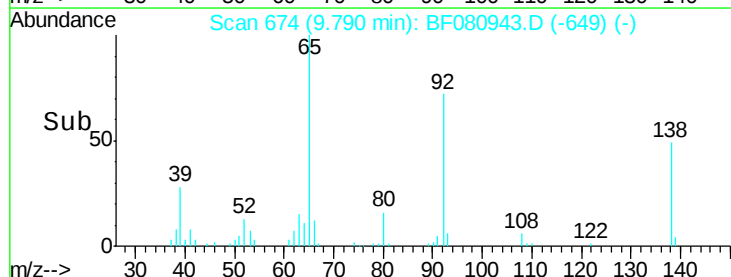
92 147.9 104.4 156.6

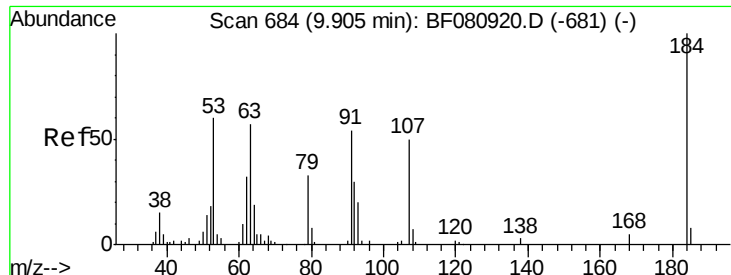


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

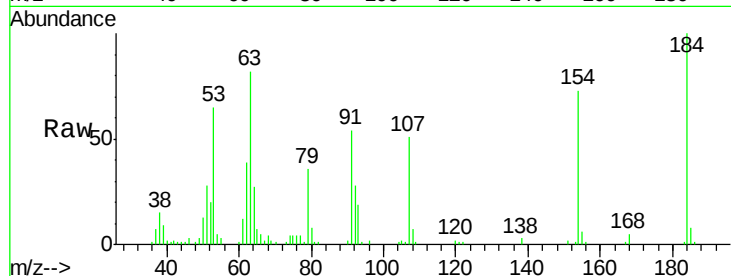




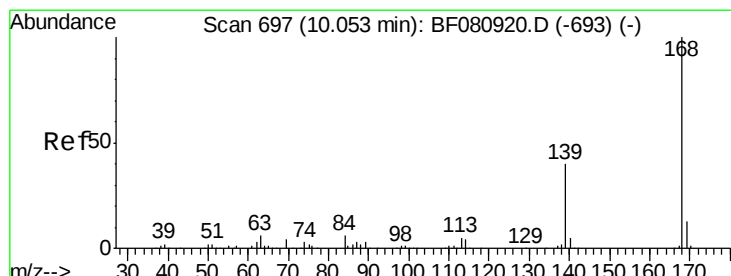
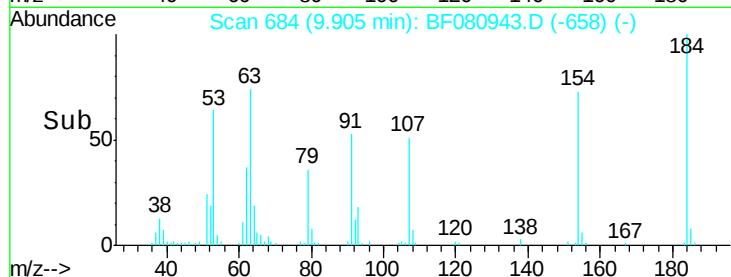
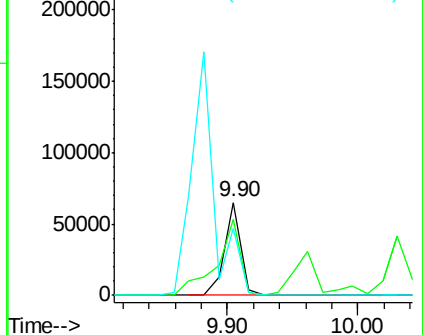
#53
 2,4-Dinitrophenol
 Concen: 45.58 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 57000
 Ion Ratio Lower Upper
 184 100
 63 82.4 59.7 89.5
 154 72.7 53.8 80.8

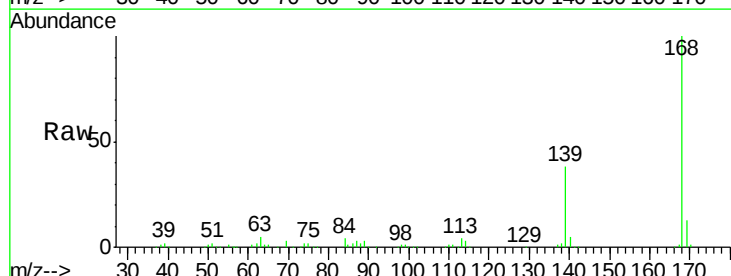


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

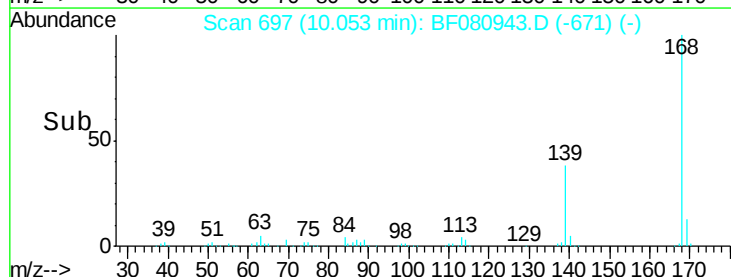
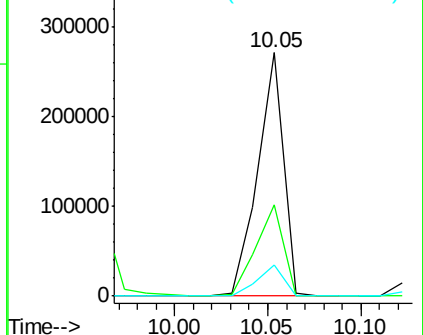


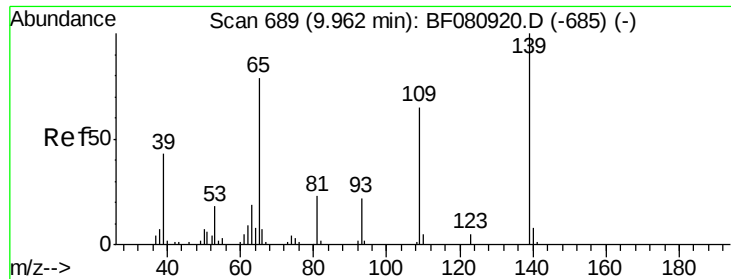
#54
 Dibenzofuran
 Concen: 20.92 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:168 Resp: 257892
 Ion Ratio Lower Upper
 168 100
 139 37.7 31.9 47.9
 169 12.6 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

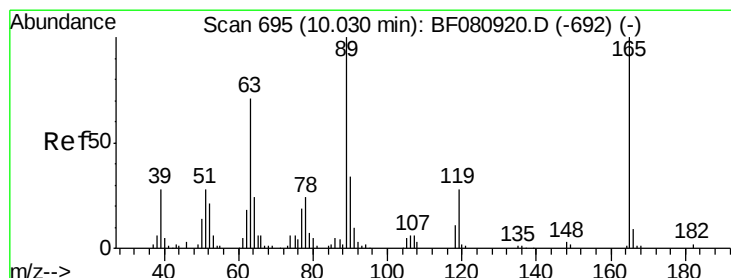
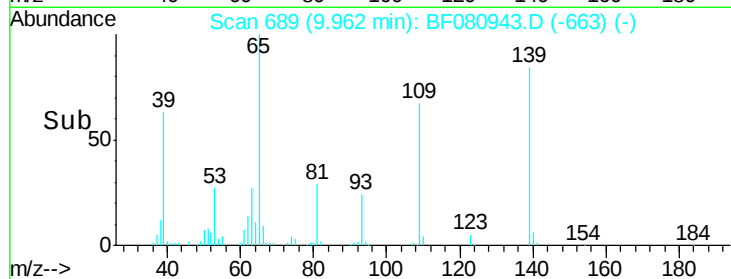
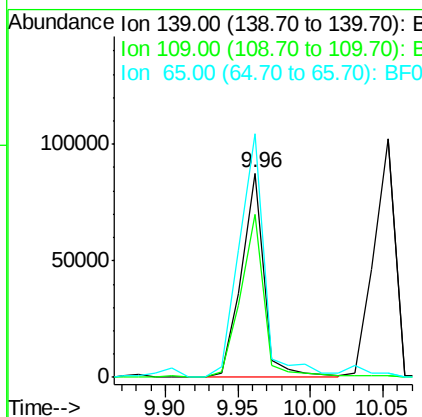
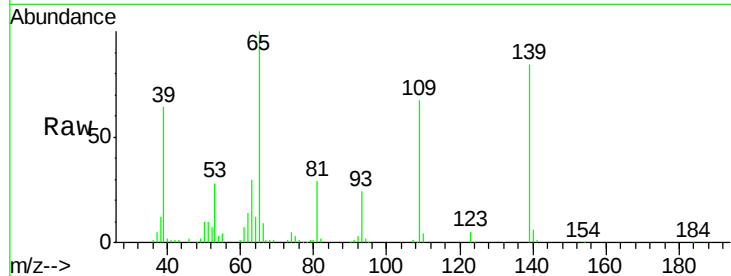




#55
4-Nitrophenol
Concen: 47.43 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

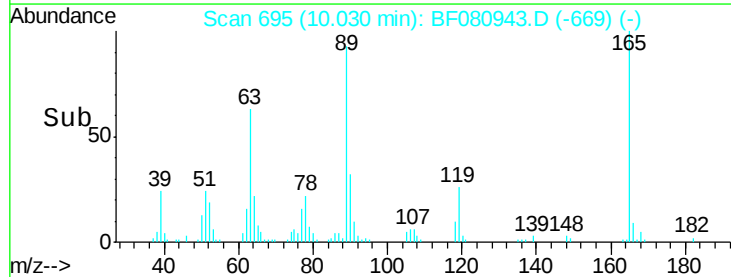
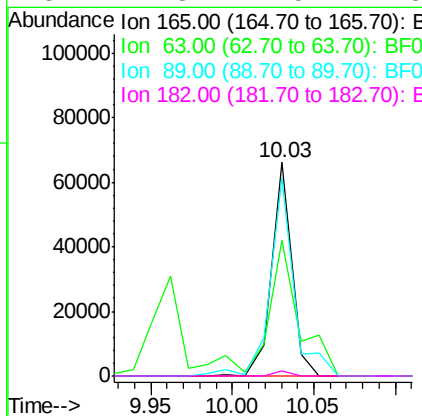
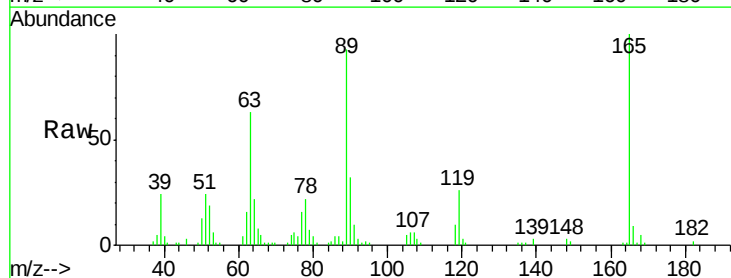
Instrument :
BNA_F
ClientSampleId :

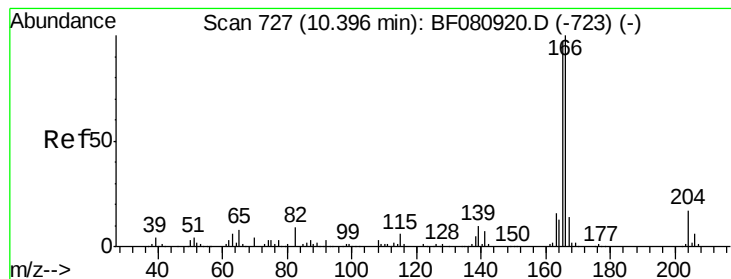
Tot Ion:139 Resp: 96129
Ion Ratio Lower Upper
139 100
109 79.8 44.7 84.7
65 119.3 59.5 99.5#



#56
2,4-Dinitrotoluene
Concen: 19.38 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:165 Resp: 56968
Ion Ratio Lower Upper
165 100
63 63.4 56.7 85.1
89 93.0 80.4 120.6
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 19.57 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

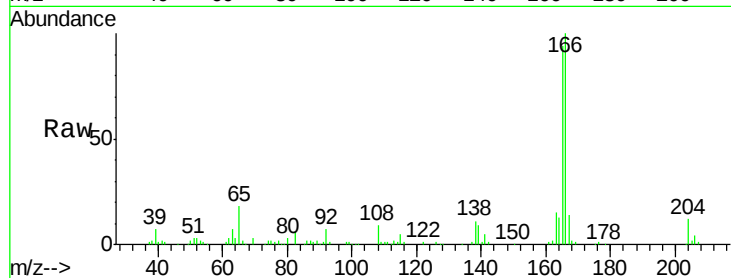
Tot Ion:166 Resp: 186660

Ion Ratio Lower Upper

166 100

165 93.8 77.2 115.8

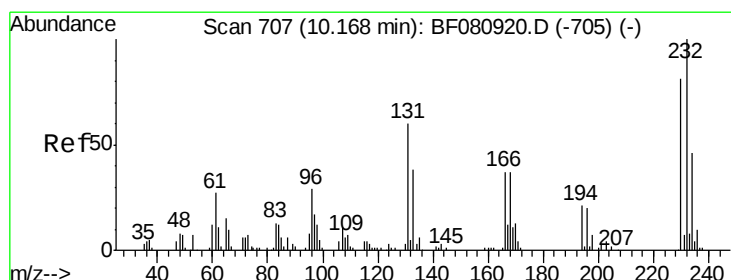
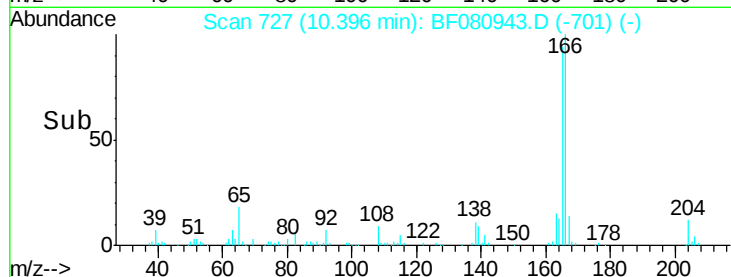
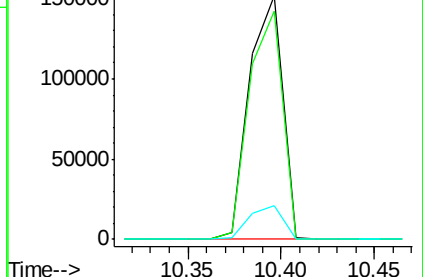
167 13.7 10.8 16.2



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: 18.87 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.05 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion:232 Resp: 43514

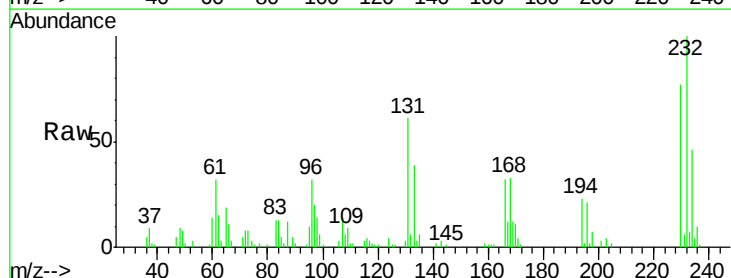
Ion Ratio Lower Upper

232 100

131 51.9 39.4 59.2

130 2.1 2.1 3.1

166 28.2 21.7 32.5

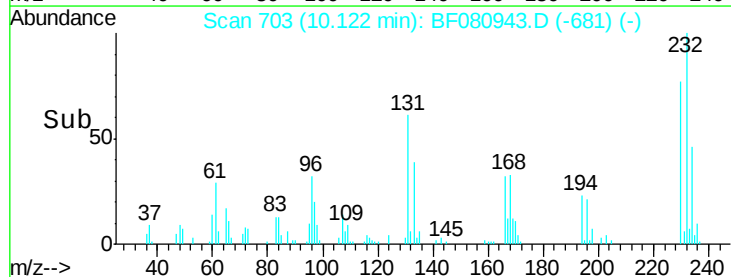
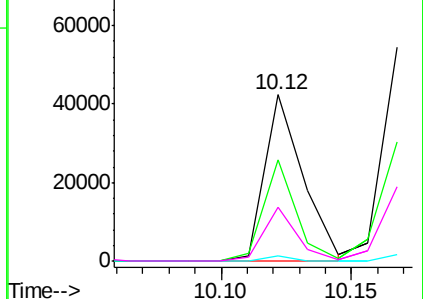


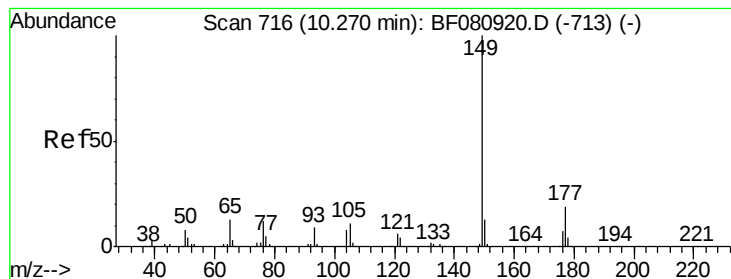
Abundance Ion 232.00 (231.70 to 232.70): E

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: 19.30 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

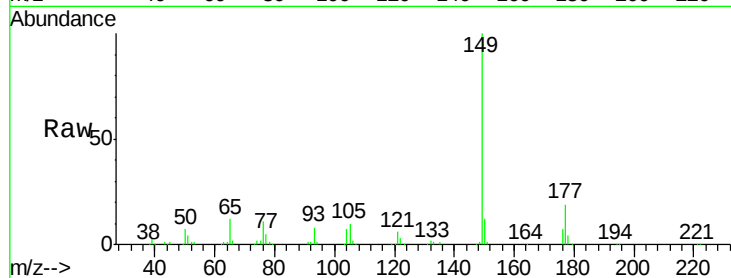
Tot Ion:149 Resp: 213572

Ion Ratio Lower Upper

149 100

177 18.8 15.0 22.4

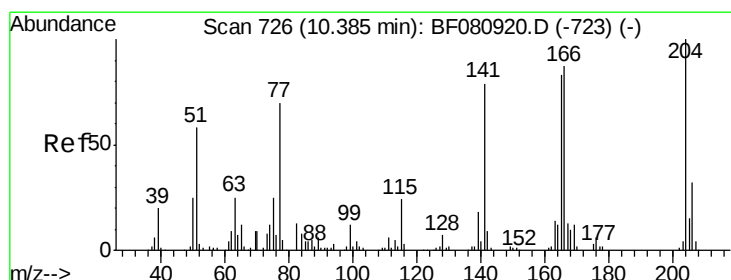
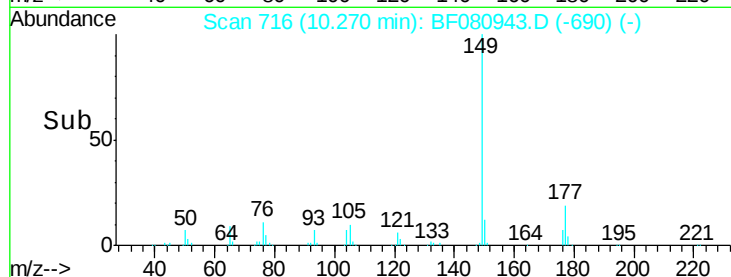
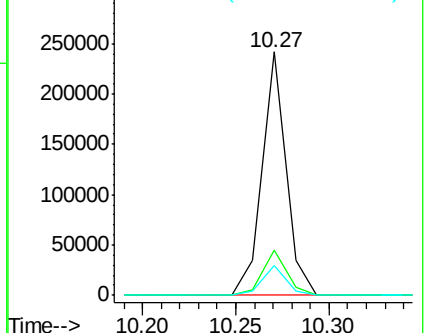
150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 18.10 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

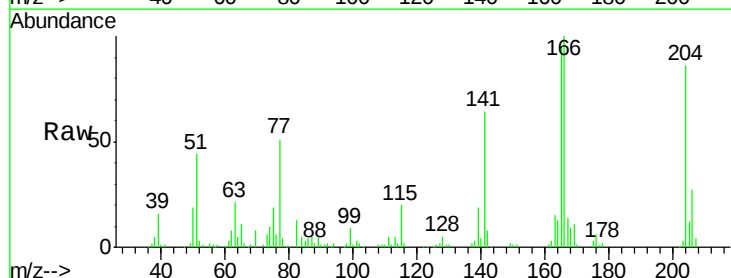
Tgt Ion:204 Resp: 84097

Ion Ratio Lower Upper

204 100

206 31.2 25.5 38.3

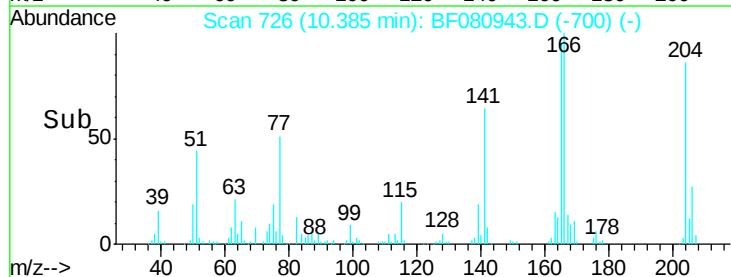
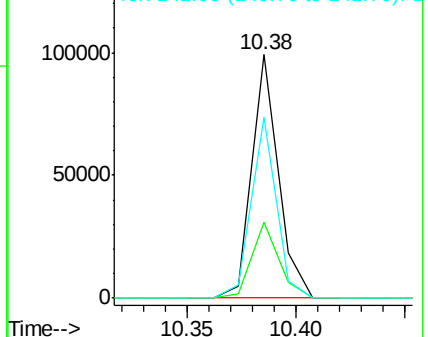
141 74.4 63.4 95.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 17.70 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

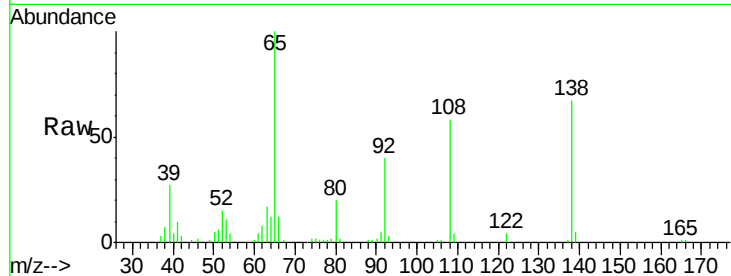
Tot Ion:138 Resp: 49303

Ion Ratio Lower Upper

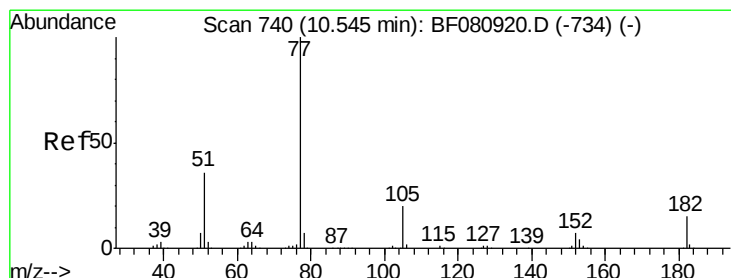
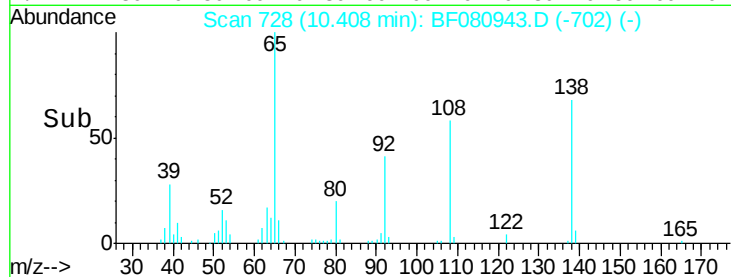
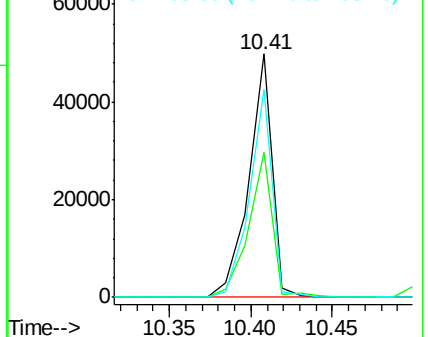
138 100

92 59.7 38.1 78.1

108 85.4 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: 20.25 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Tgt Ion: 77 Resp: 250548

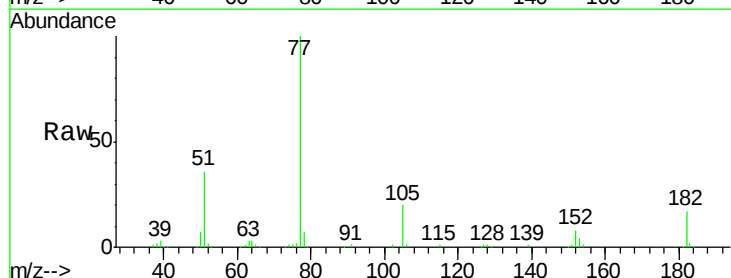
Ion Ratio Lower Upper

77 100

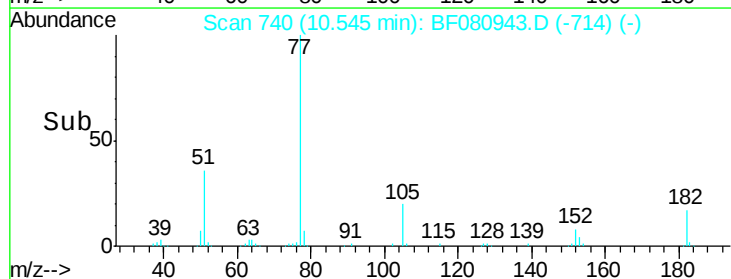
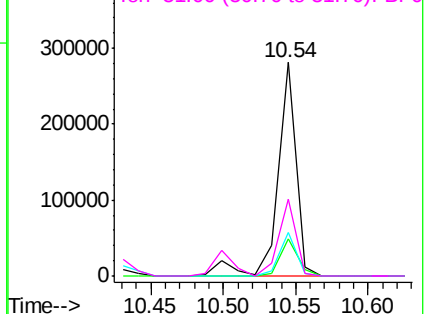
182 17.3 0.0 35.5

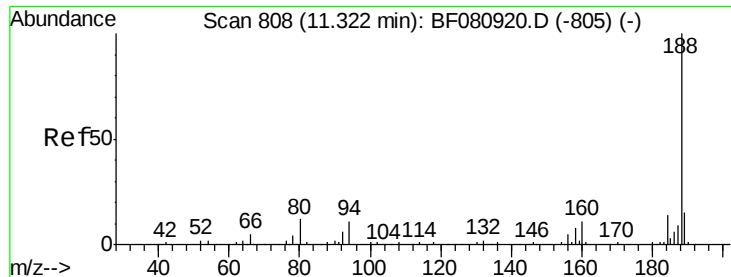
105 20.4 0.5 40.5

51 35.7 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

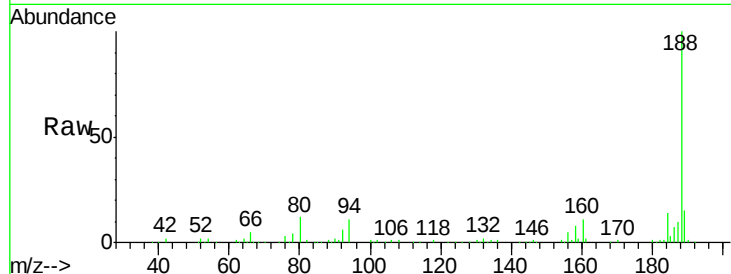




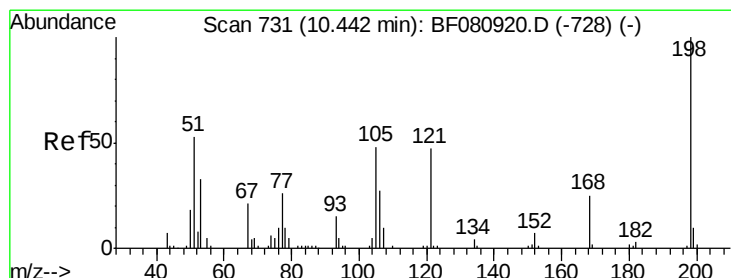
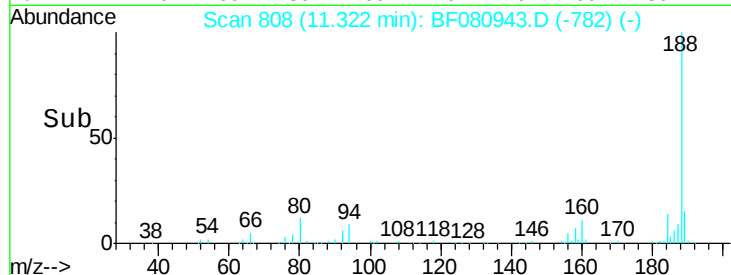
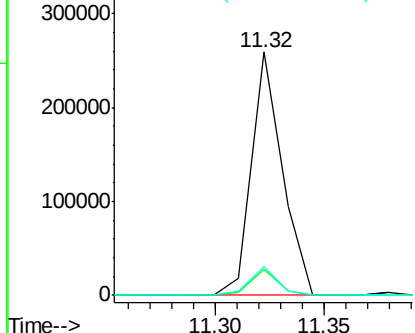
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 255570
Ion Ratio Lower Upper
188 100
94 10.5 8.8 13.2
80 12.0 9.5 14.3

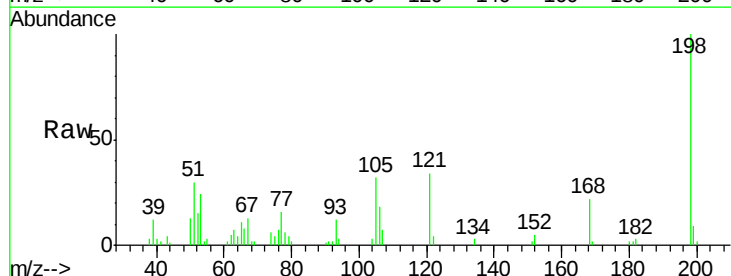


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

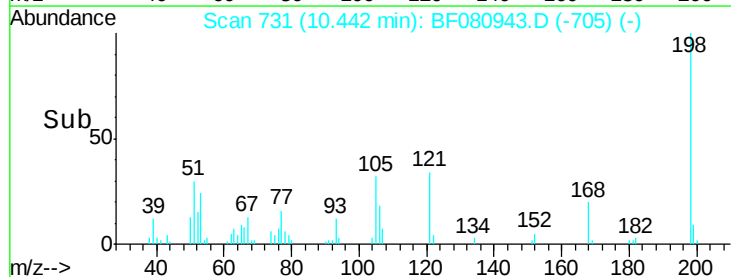
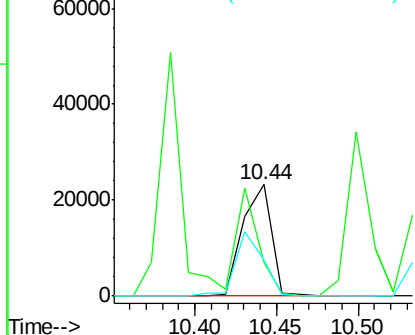


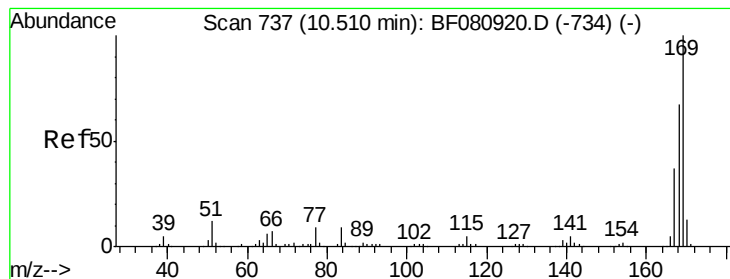
#64
4,6-Dinitro-2-methylphenol
Concen: 17.97 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:198 Resp: 28470
Ion Ratio Lower Upper
198 100
51 30.0 40.3 80.3#
105 32.5 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

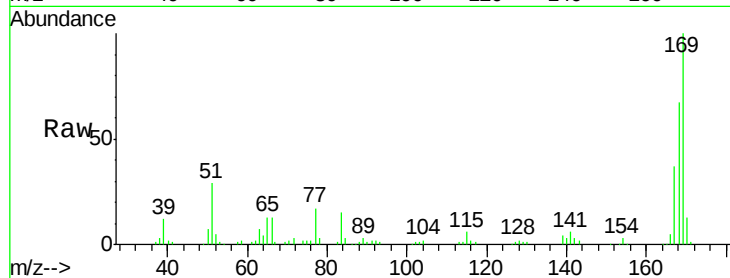




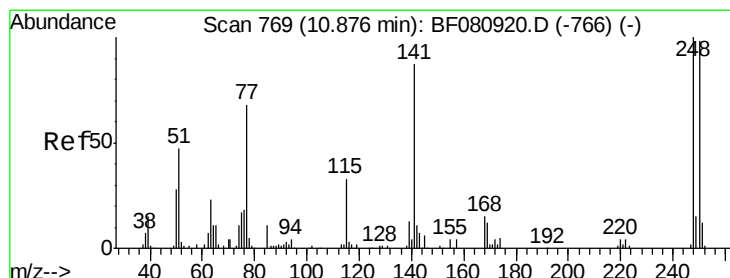
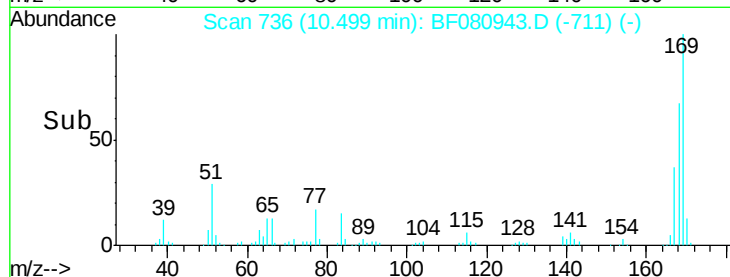
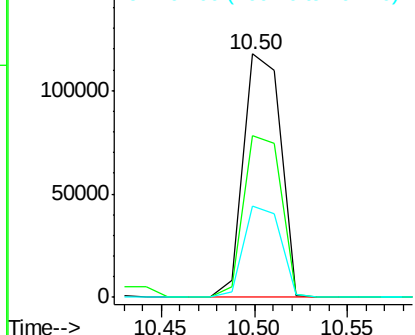
#65
 n-Nitrosodiphenylamine
 Concen: 18.23 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:169 Resp: 161831
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.7 80.5
 167 37.2 29.3 43.9

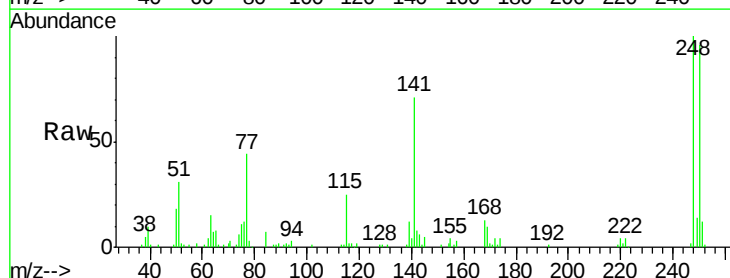


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

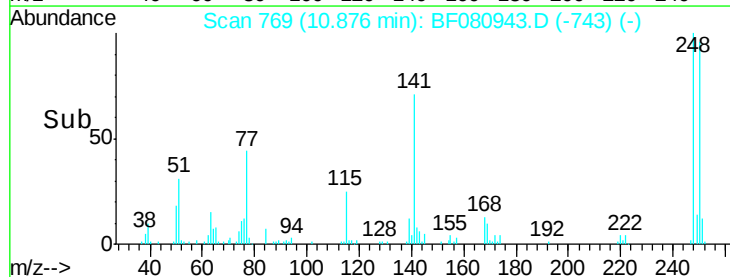
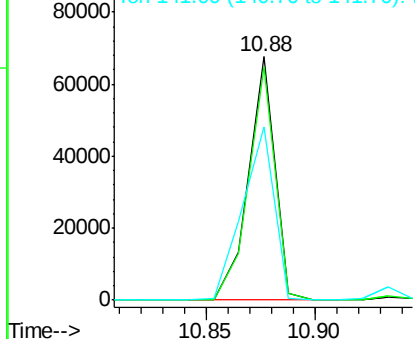


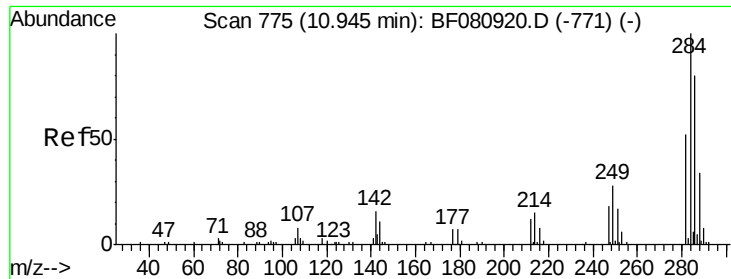
#66
 4-Bromophenyl-phenylether
 Concen: 20.97 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:248 Resp: 56760
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.1 117.1
 141 71.3 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: 18.49 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

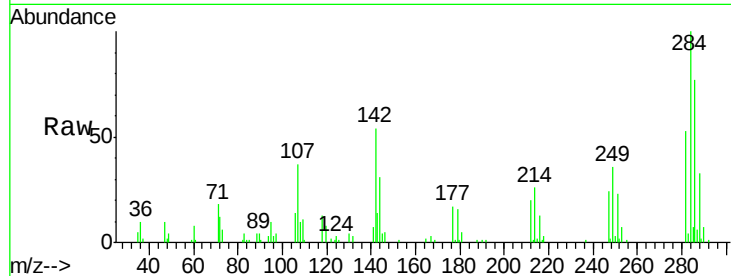
Tot Ion:284 Resp: 55630

Ion Ratio Lower Upper

284 100

142 54.2 12.8 19.2#

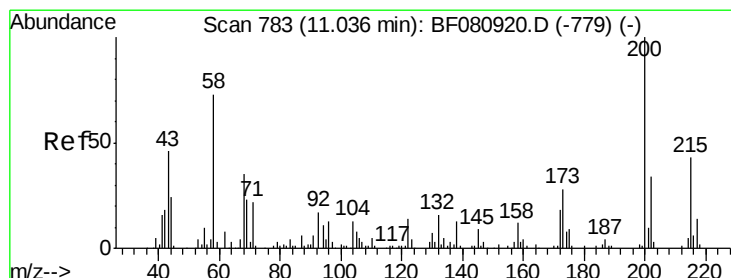
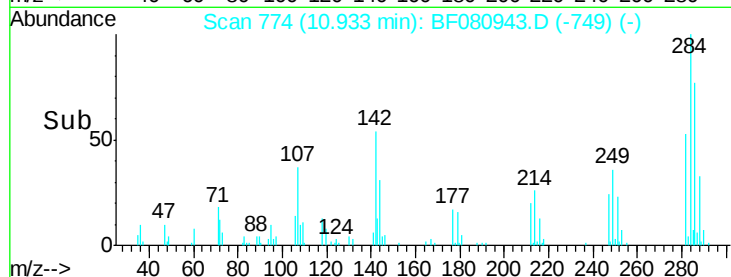
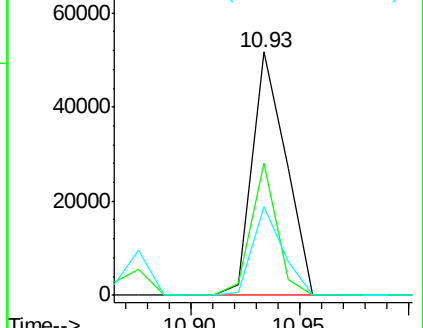
249 36.2 22.5 33.7#



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: 29.15 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

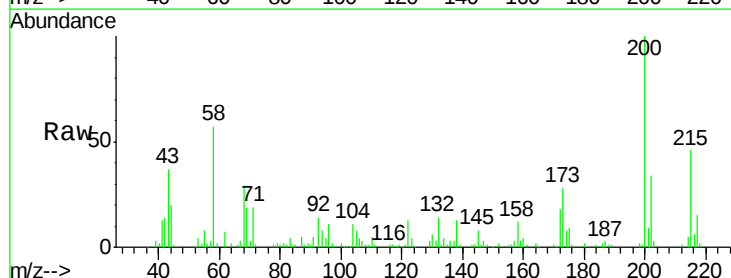
Tgt Ion:200 Resp: 75897

Ion Ratio Lower Upper

200 100

173 28.1 8.4 48.4

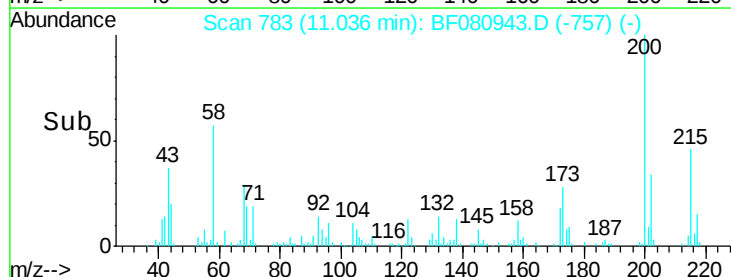
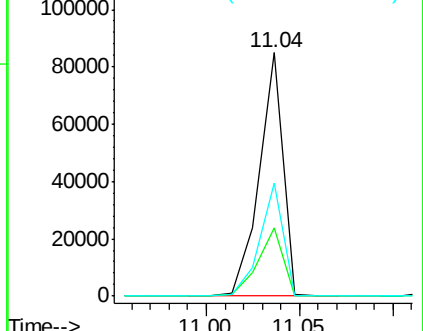
215 46.5 22.7 62.7



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

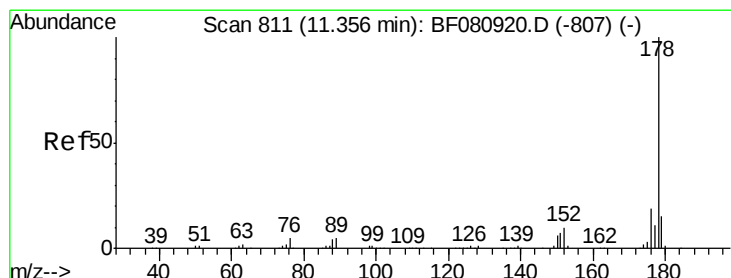
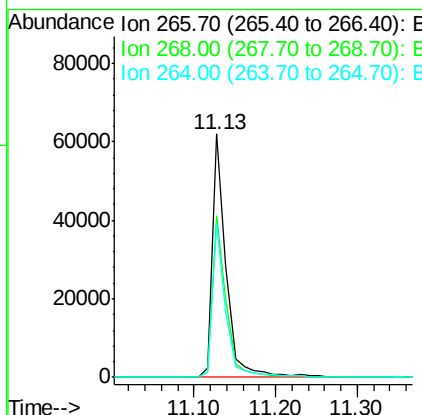
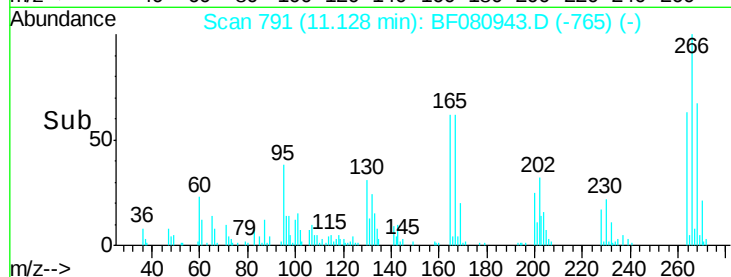
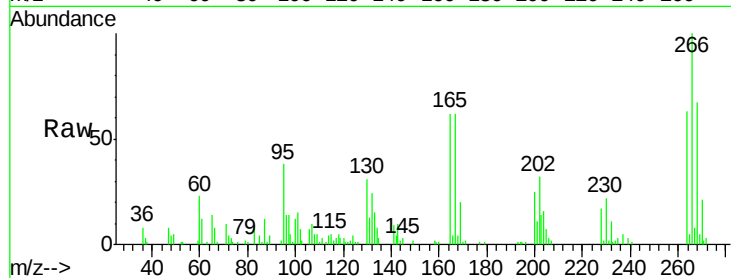




#69
 Pentachlorophenol
 Concen: 41.95 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

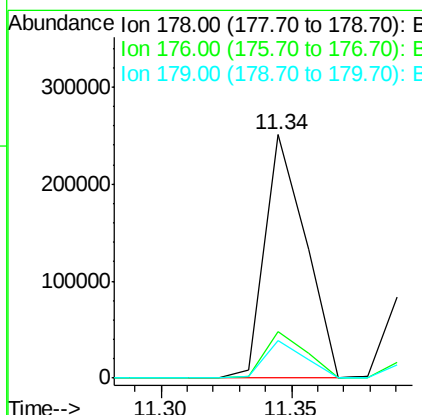
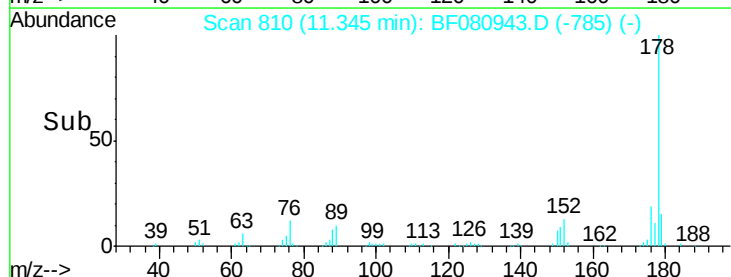
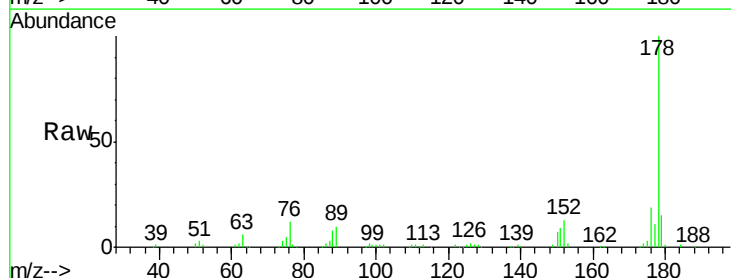
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 73403
 Ion Ratio Lower Upper
 266 100
 268 66.5 51.6 77.4
 264 63.1 50.1 75.1



#70
 Phenanthrene
 Concen: 18.60 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:178 Resp: 269152
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.6 23.4
 179 15.2 11.9 17.9

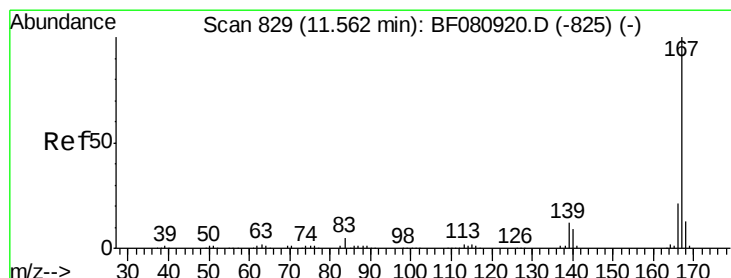
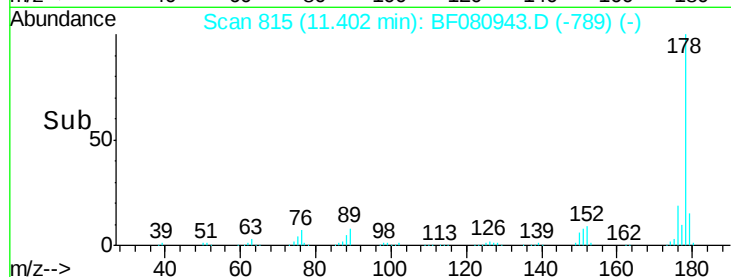
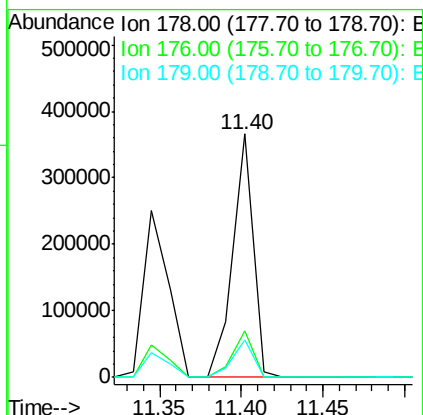
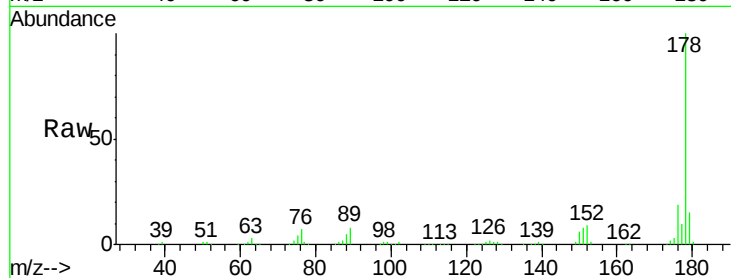




#71
 Anthracene
 Concen: 22.03 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

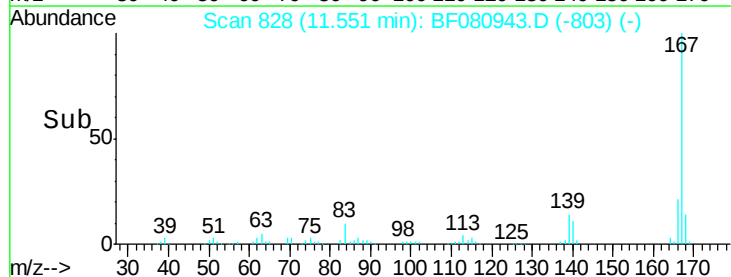
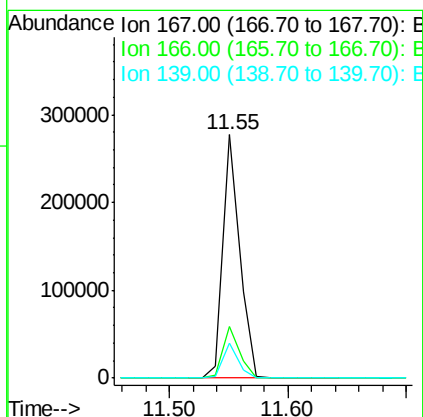
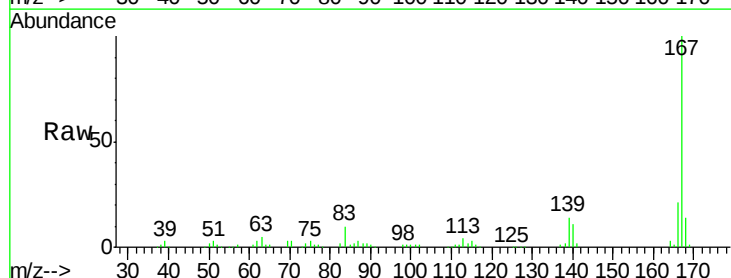
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 315679
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.2 12.6 18.8



#72
 Carbazole
 Concen: 19.25 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:167 Resp: 268462
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 14.5 9.2 13.8#





#73

Di-n-butylphthalate

Concen: 22.35 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

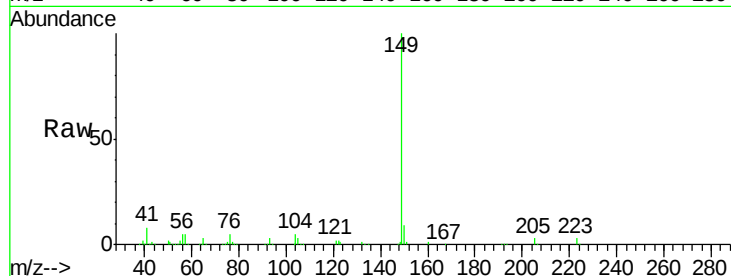
Tot Ion:149 Resp: 389763

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

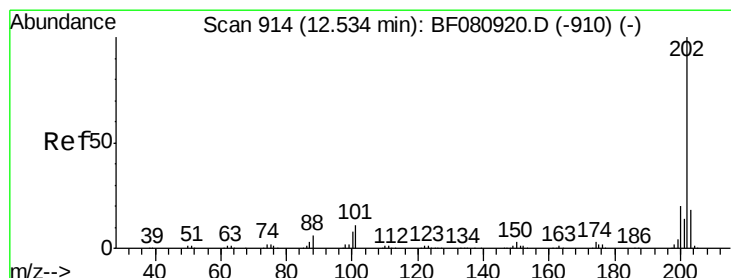
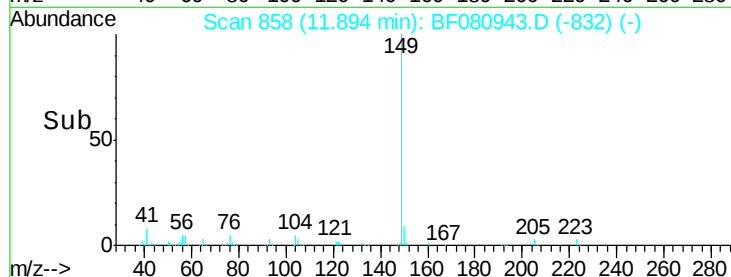
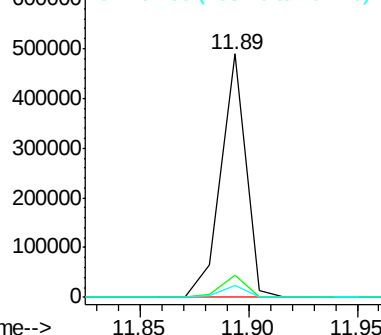
104 4.8 4.4 6.6



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: 22.18 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

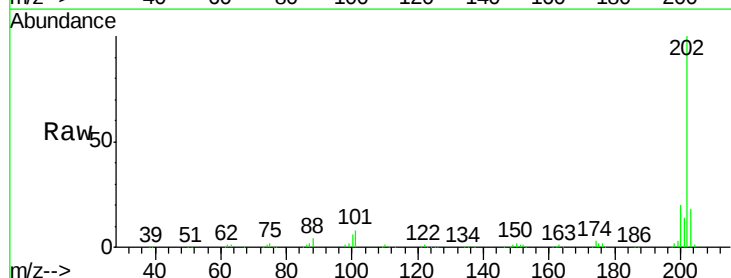
Tgt Ion:202 Resp: 346963

Ion Ratio Lower Upper

202 100

101 7.6 0.0 30.5

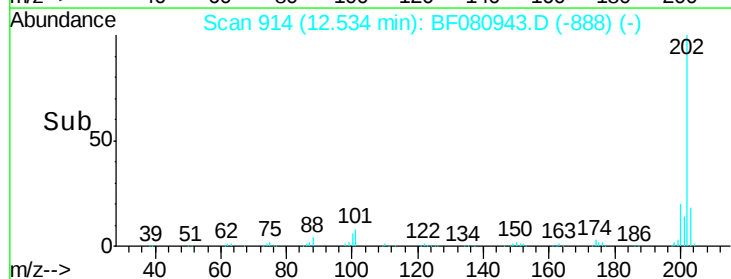
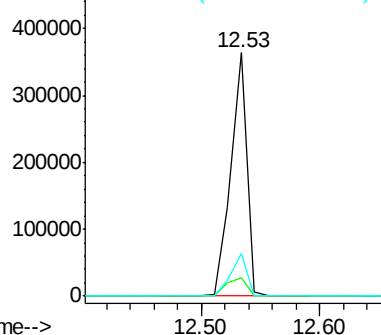
203 17.6 0.0 37.7

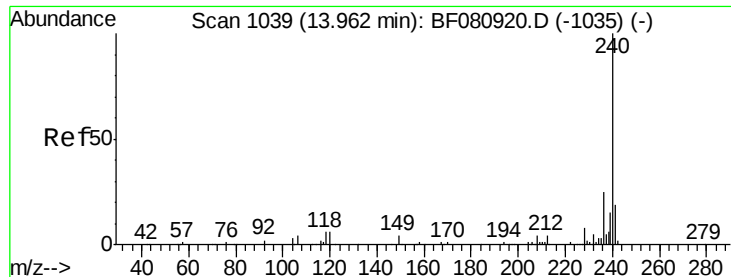


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

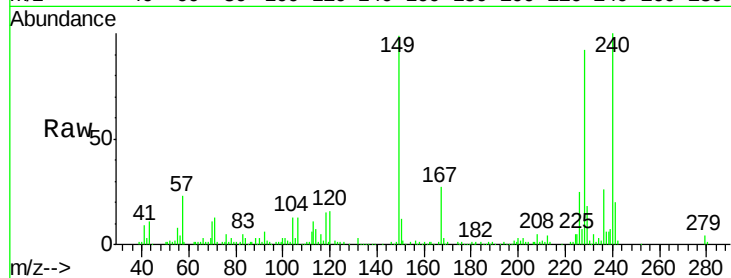
Tot Ion:240 Resp: 185928

Ion Ratio Lower Upper

240 100

120 16.0 5.2 7.8#

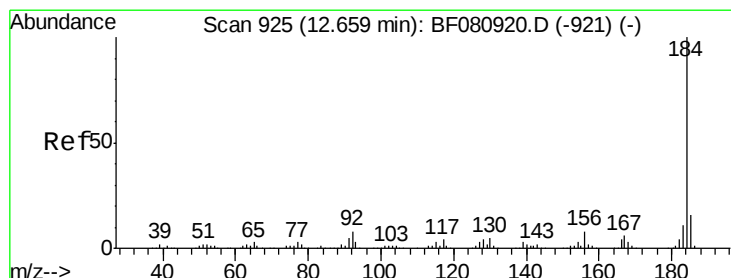
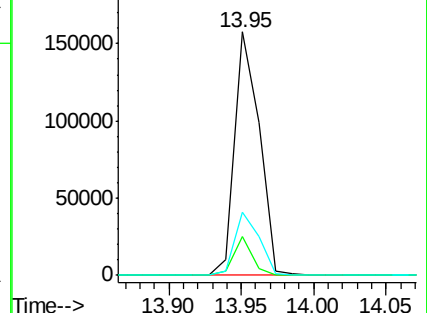
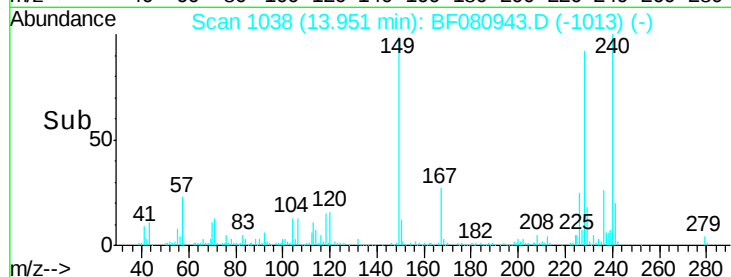
236 26.1 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.29 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

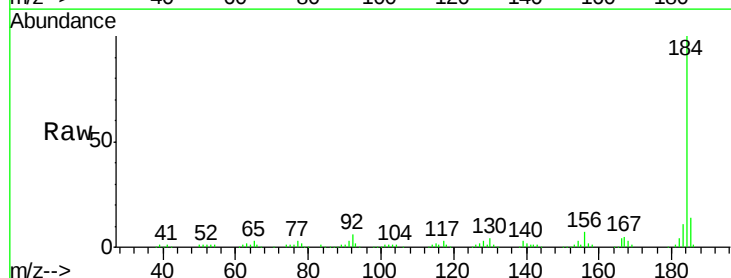
Tgt Ion:184 Resp: 201929

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

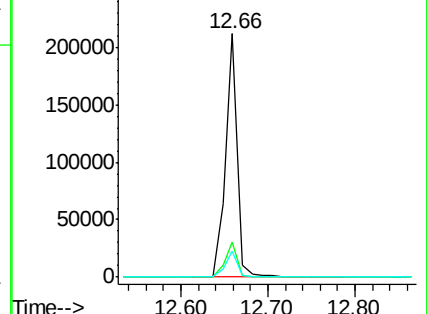
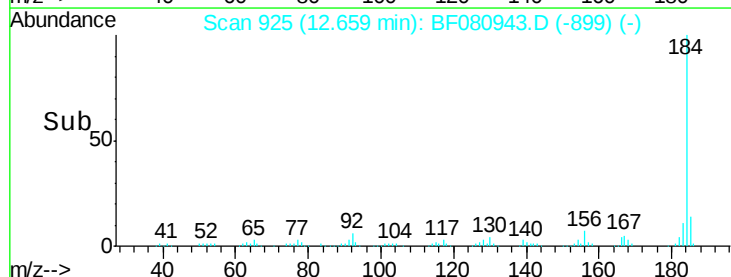
183 10.9 8.7 13.1

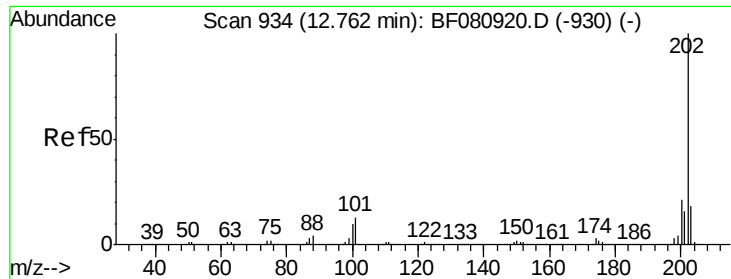


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

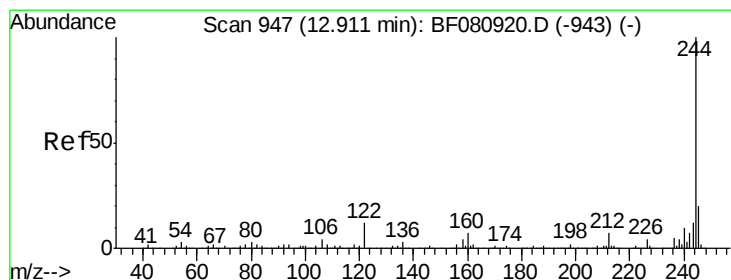
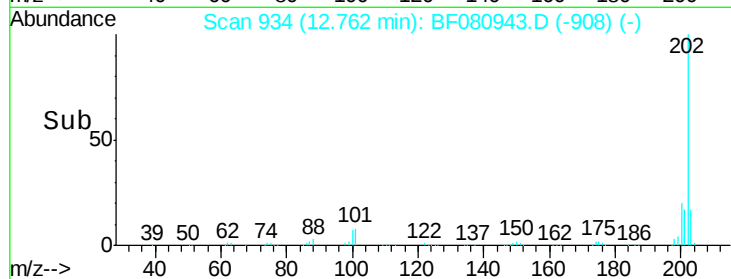
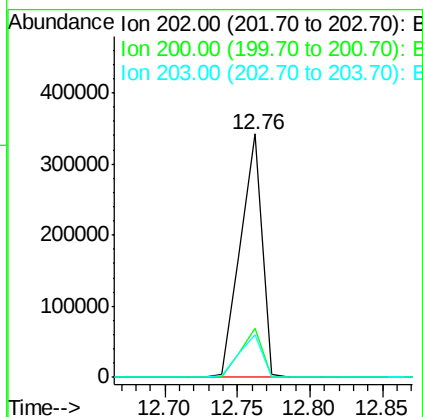
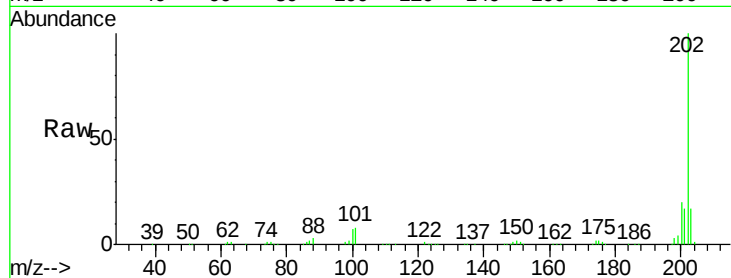




#77
 Pvrene
 Concen: 25.97 ng
 RT: 12.76 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

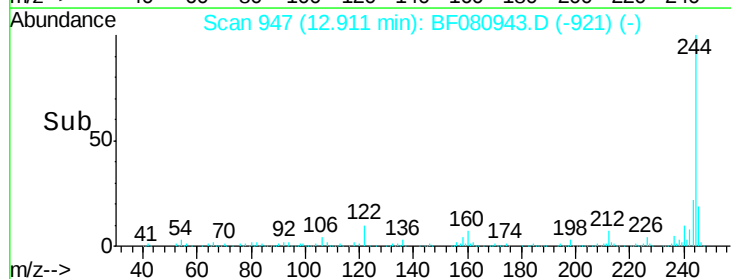
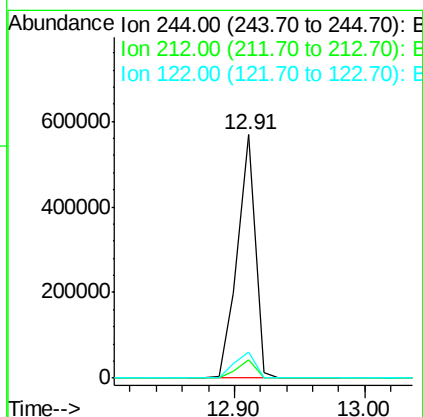
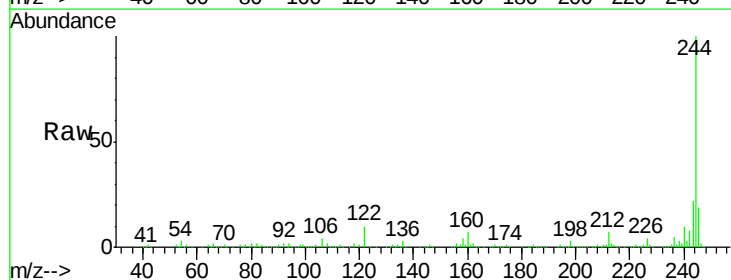
Instrument :
 BNA_F
 ClientSampleId :

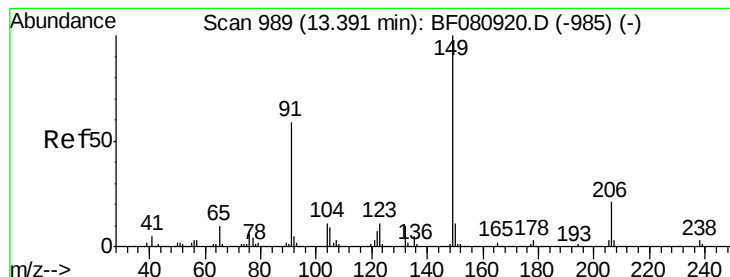
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.3	14.2	21.2



#78
 Terphenyl-d14
 Concen: 59.94 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.5	9.4	14.2





#79

Butylbenzylphthalate

Concen: 24.41 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

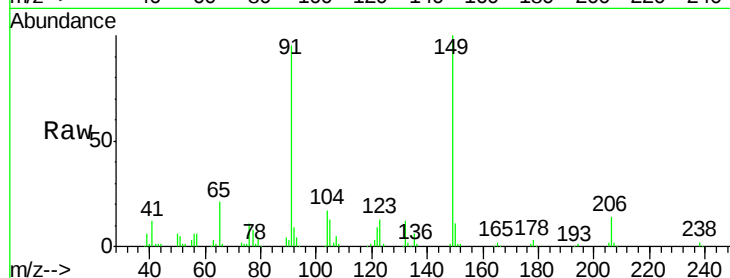
Tot Ion:149 Resp: 161631

Ion Ratio Lower Upper

149 100

91 95.1 47.2 70.8#

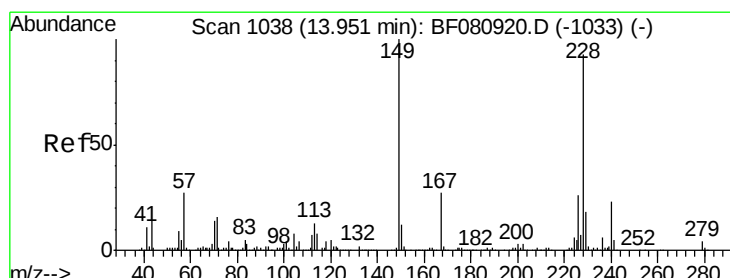
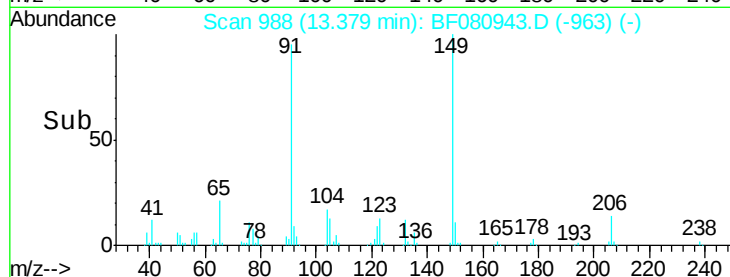
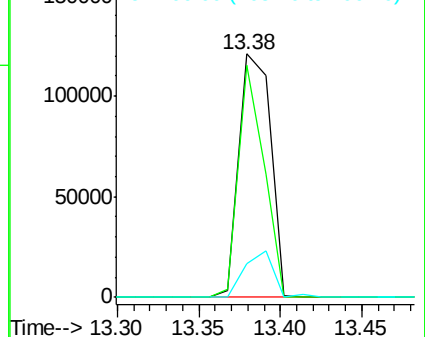
206 13.7 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 23.81 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

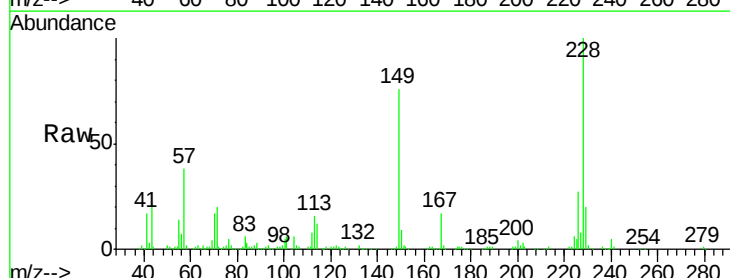
Tgt Ion:228 Resp: 279653

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.2

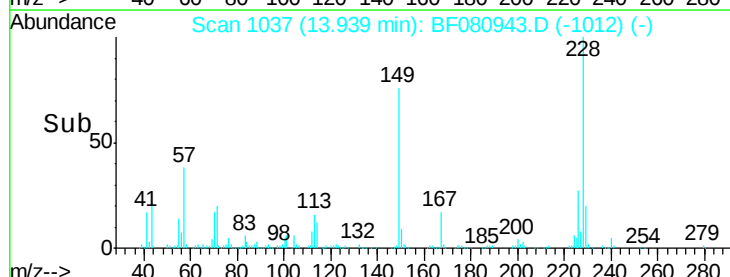
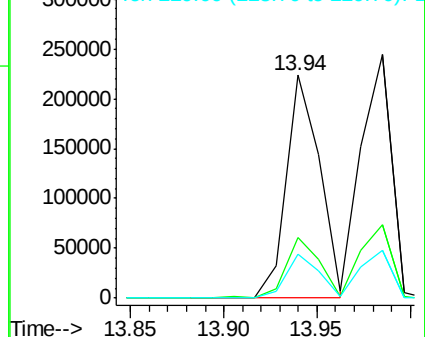
229 19.9 15.8 23.6



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

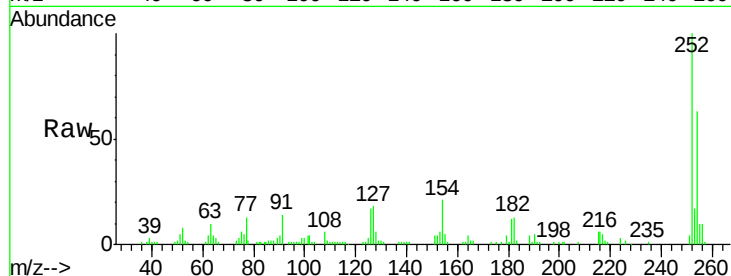




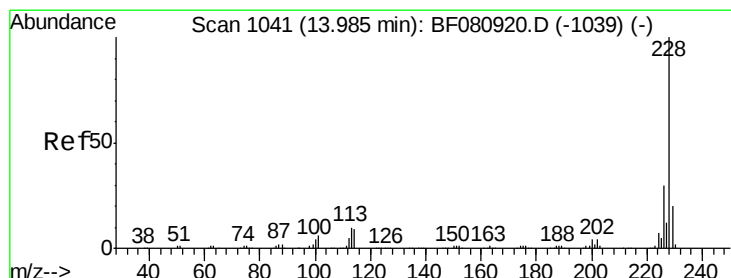
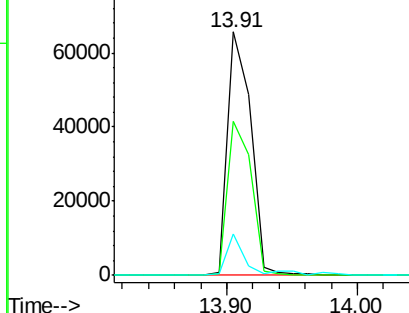
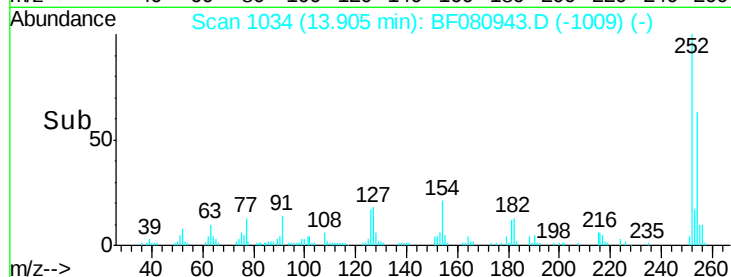
#81
 3,3'-Dichlorobenzidine
 Concen: 19.11 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 81627
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.7 77.5
 126 17.3 7.1 10.7#

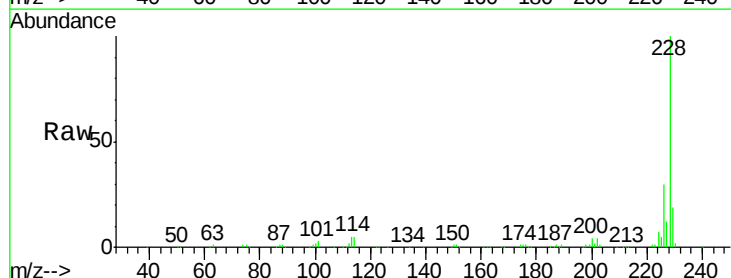


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

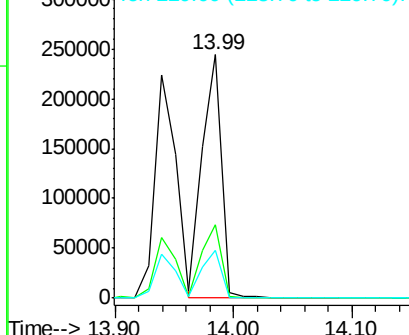
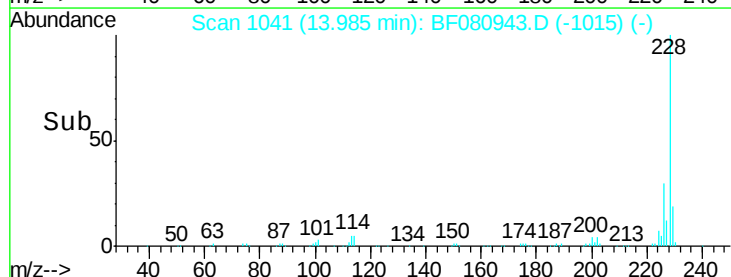


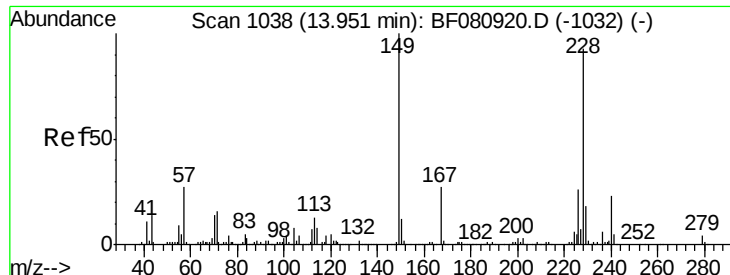
#82
 Chrysene
 Concen: 24.78 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion:228 Resp: 278658
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.9 35.9
 229 19.4 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: 24.74 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

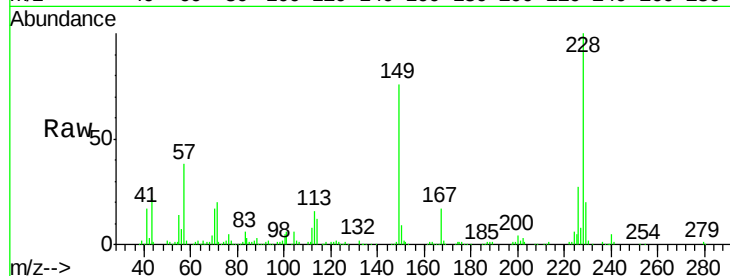
Tot Ion:149 Resp: 227962

Ion Ratio Lower Upper

149 100

167 22.6 21.4 32.0

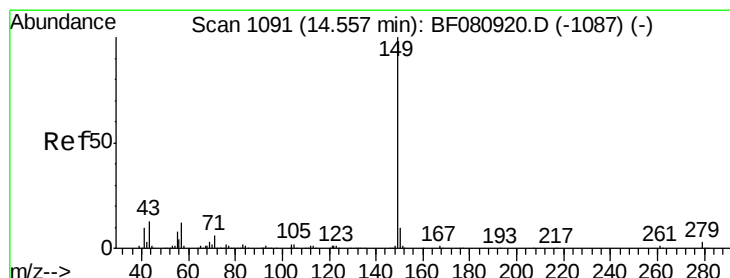
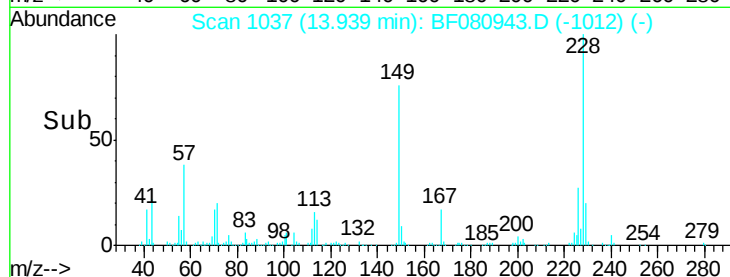
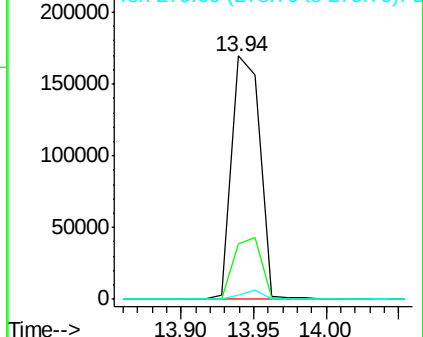
279 1.5 2.9 4.3#



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: 26.39 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

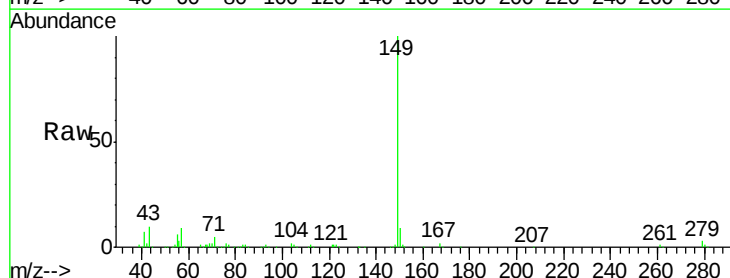
Tgt Ion:149 Resp: 412259

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

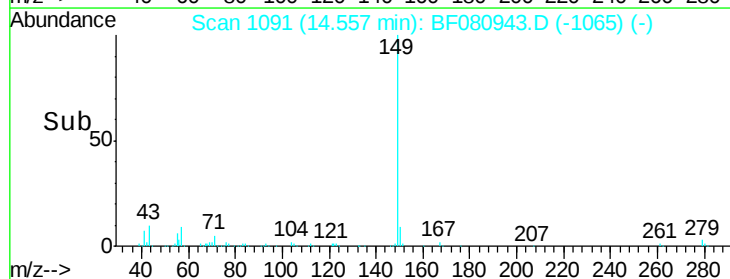
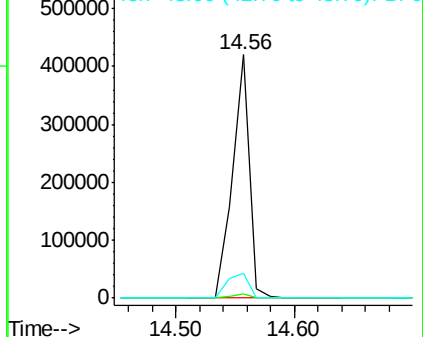
43 13.2 11.0 16.4



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

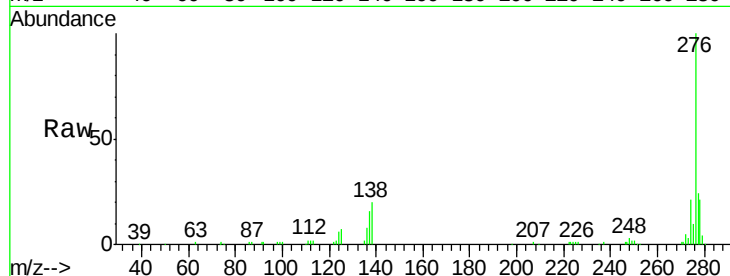




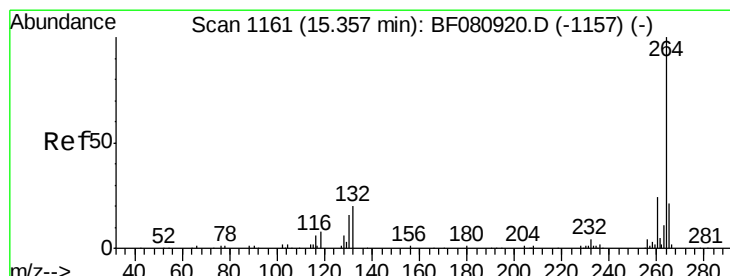
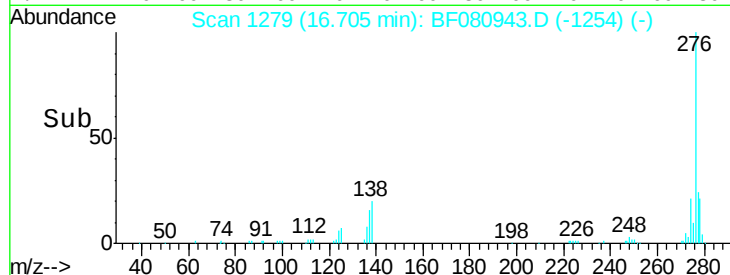
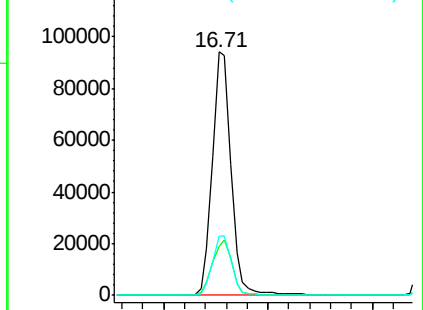
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 22.17 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.9	29.9
277	24.4	19.7	29.5

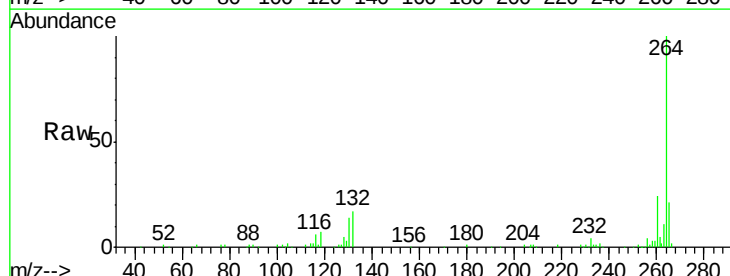


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

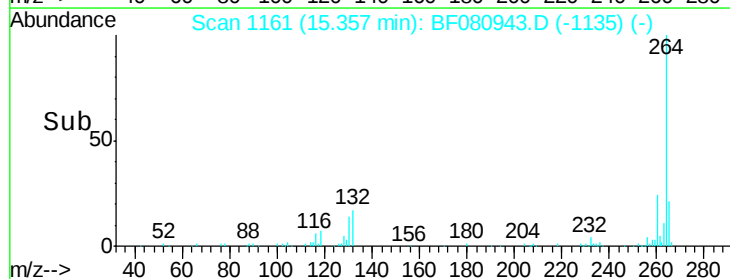
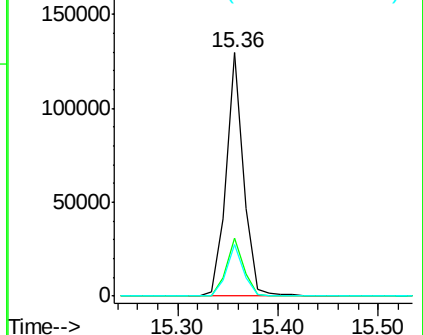


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF080943.D
 Acq: 8 Aug 2015 1:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	17.0	25.4



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

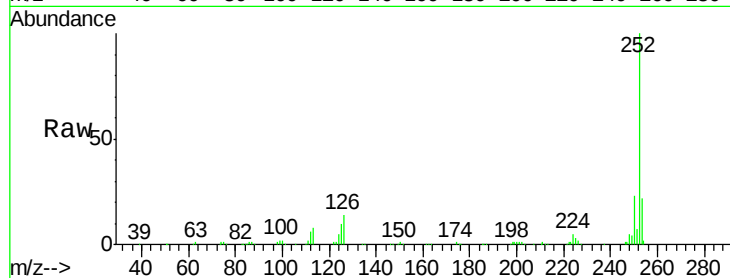




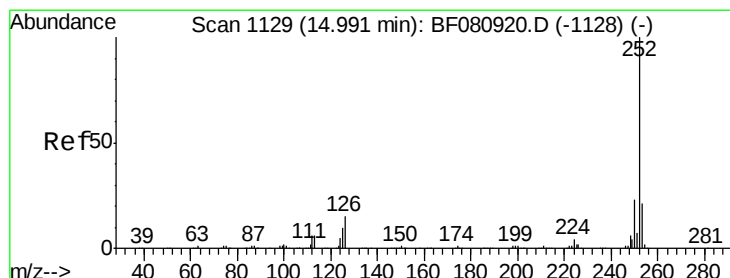
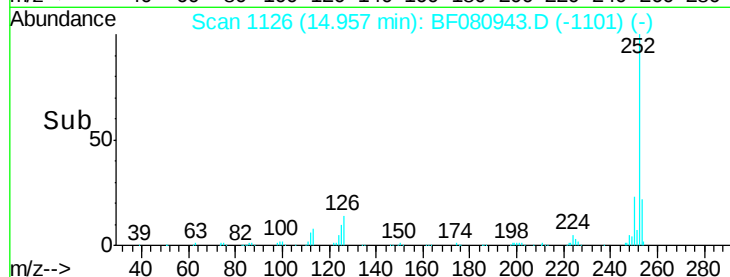
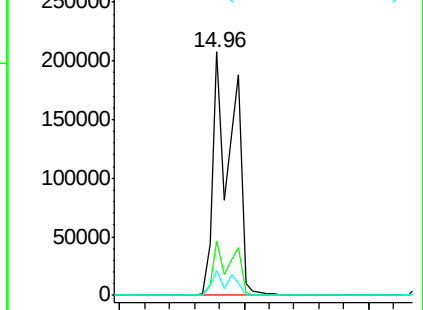
#87
Benzo(b)fluoranthene
Concen: 43.47 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 469118
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 10.4 6.1 9.1#

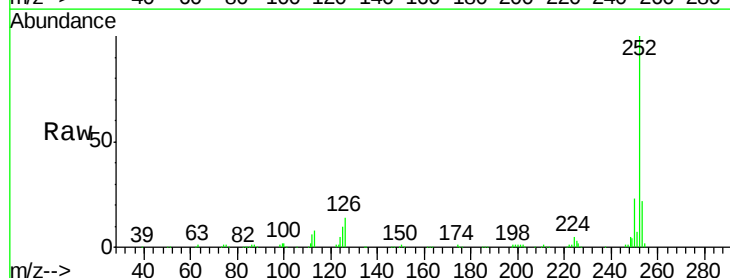


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

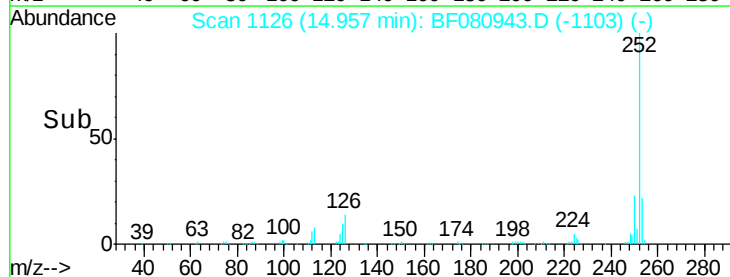
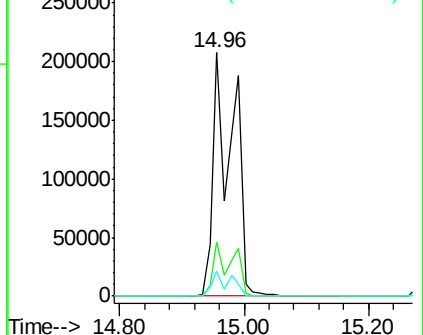


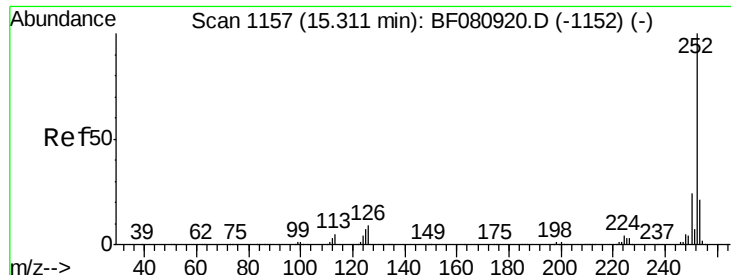
#88
Benzo(k)fluoranthene
Concen: 49.69 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.03 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:252 Resp: 469118
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.4 9.0 13.6



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

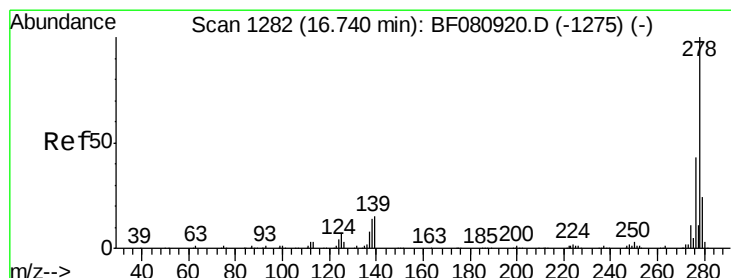
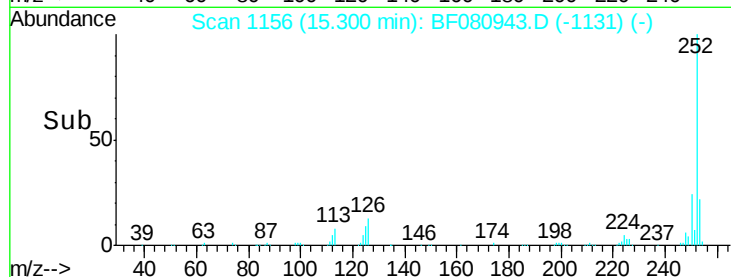
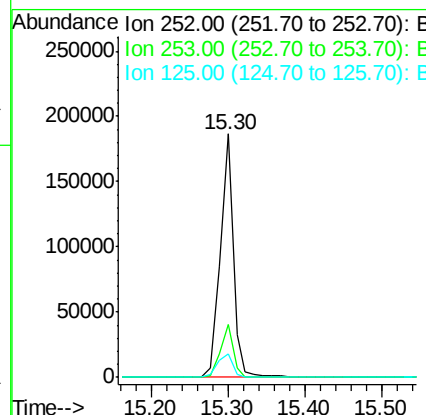
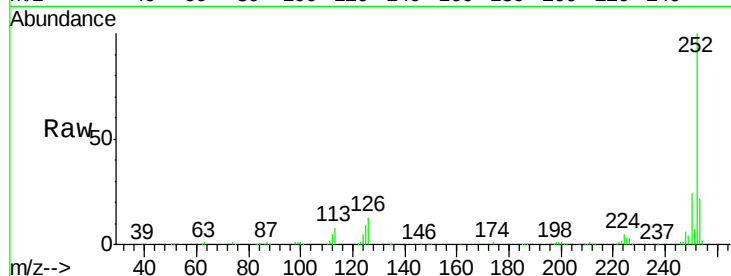




#89
Benzo(a)pyrene
Concen: 24.02 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

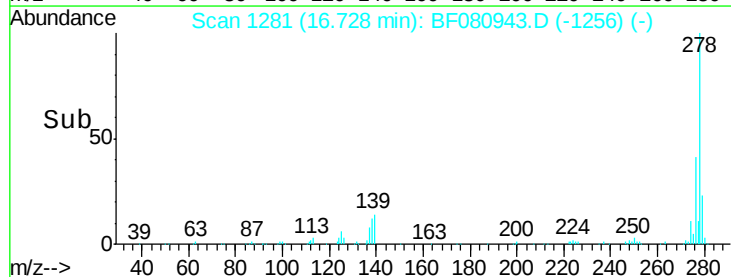
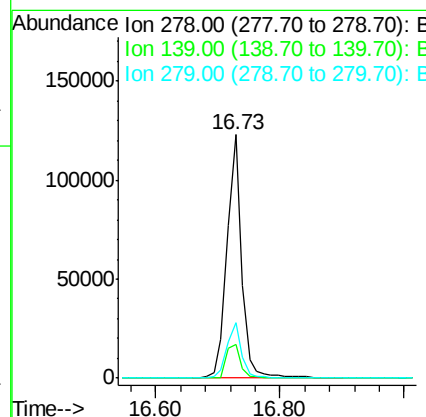
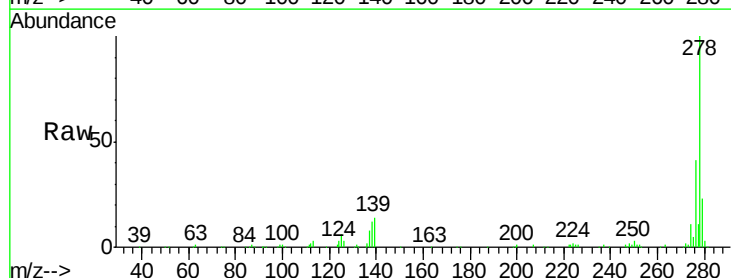
Instrument :
BNA_F
ClientSampleId :

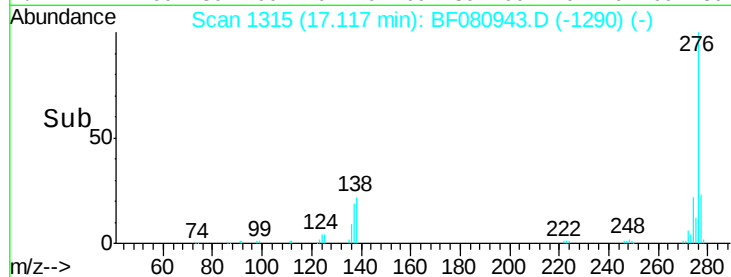
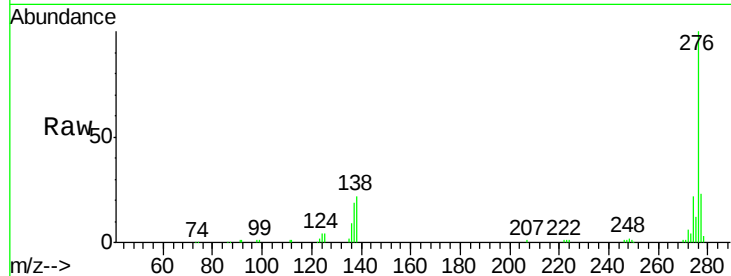
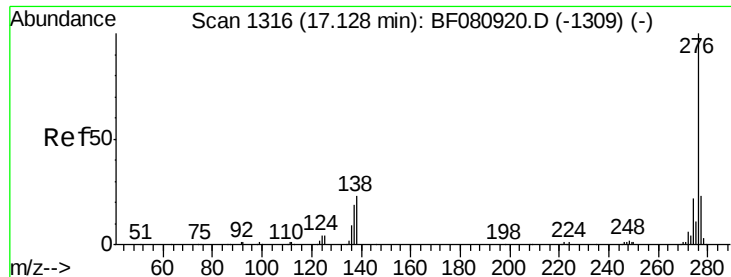
Tot Ion:252 Resp: 222764
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 9.5 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 24.46 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF080943.D
Acq: 8 Aug 2015 1:38

Tgt Ion:278 Resp: 200683
Ion Ratio Lower Upper
278 100
139 13.7 11.9 17.9
279 22.6 19.0 28.6





#91

Benzo(a,h,i)perylene

Concen: 24.48 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF080943.D

Acq: 8 Aug 2015 1:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 195324

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 21.7 18.4 27.6

