

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080970.D
 Acq On : 11 Aug 2015 19:37
 Operator : UM/IZ
 Sample : PB84838BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Quant Time: Aug 12 00:38:02 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	6.78	152	58796	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	226801	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	120711	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	226425	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	192884	20.00	ng	-0.03
86) Perylene-d12	15.32	264	157297	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	443714	123.30	ng	0.01
7) Phenol-d6	6.43	99	570093	115.61	ng	-0.01
23) Nitrobenzene-d5	7.36	82	427617	89.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	141399	106.62	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	671537	78.32	ng	-0.02
78) Terphenyl-d14	12.89	244	700485	75.01	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.44	88	50180	29.40	ng	92
3) Pyridine	3.13	79	142080	29.35	ng	91
4) n-Nitrosodimethylamine	3.08	42	94576	38.28	ng	88
6) Aniline	6.45	93	205713	28.39	ng	94
8) 2-Chlorophenol	6.57	128	147944	35.53	ng	# 81
9) Benzaldehyde	6.33	77	111974	33.69	ng	97
10) Phenol	6.44	94	253241	43.28	ng	77
11) bis(2-Chloroethyl)ether	6.52	93	154592	35.39	ng	92
12) 1,3-Dichlorobenzene	6.73	146	162227	36.71	ng	96
13) 1,4-Dichlorobenzene	6.81	146	161008	35.06	ng	97
14) 1,2-Dichlorobenzene	6.96	146	141416	34.07	ng	99
15) Benzyl Alcohol	6.93	79	144463	35.80	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.07	45	306023	34.82	ng	99
17) 2-Methylphenol	7.05	107	133177	37.47	ng	# 92
18) Hexachloroethane	7.30	117	66740	37.93	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	126210	35.02	ng	96
20) 3+4-Methylphenols	7.21	107	184655	41.36	ng	# 83
22) Acetophenone	7.20	105	246165	44.30	ng	# 97
24) Nitrobenzene	7.37	77	178154	36.09	ng	100
25) Isophorone	7.62	82	308175	33.42	ng	97
26) 2-Nitrophenol	7.69	139	72133	34.72	ng	93
27) 2,4-Dimethylphenol	7.73	122	164200	42.22	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	195819	35.37	ng	99
29) 2,4-Dichlorophenol	7.93	162	119730	37.47	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	127726	36.57	ng	98
31) Naphthalene	8.10	128	439171	35.13	ng	99
32) Benzoic acid	7.86	122	101819	43.73	ng	90
33) 4-Chloroaniline	8.14	127	111892	22.02	ng	95
34) Hexachlorobutadiene	8.21	225	76100	36.61	ng	97
35) Caprolactam	8.52	113	30385	26.43	ng	# 80
36) 4-Chloro-3-methylphenol	8.64	107	171732	44.04	ng	94
37) 2-Methylnaphthalene	8.78	142	311074	39.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	131568	35.35	ng	99
40) Hexachlorocyclopentadiene	8.94	237	171391	84.40	ng	98

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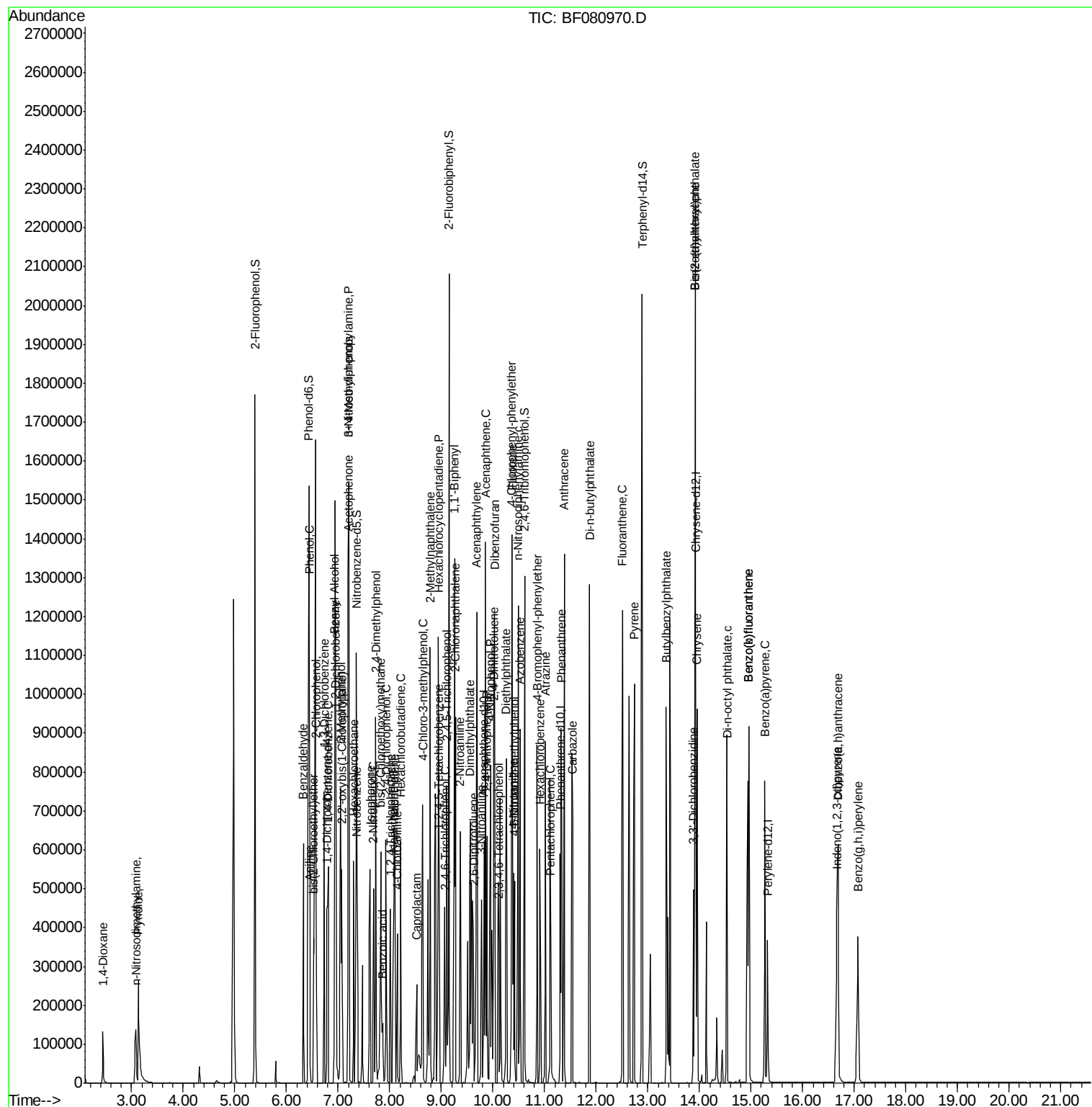
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	86997	31.90	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	114323	41.60	nq #	87
45) 1,1'-Biphenyl	9.25	154	443008	42.76	nq	99
46) 2-Chloronaphthalene	9.28	162	325634	40.32	nq	99
47) 2-Nitroaniline	9.37	65	119542	36.91	nq	95
48) Acenaphthylene	9.69	152	515135	36.69	nq	99
49) Dimethylphthalate	9.56	163	381855	38.08	nq #	98
50) 2,6-Dinitrotoluene	9.62	165	83533	40.32	nq #	48
51) Acenaphthene	9.86	154	350423	40.75	nq	100
52) 3-Nitroaniline	9.78	138	60164	23.56	nq	99
53) 2,4-Dinitrophenol	9.88	184	74269	60.62	nq #	64
54) Dibenzofuran	10.03	168	446859	38.43	nq	99
55) 4-Nitrophenol	9.95	139	147309	77.06	nq #	69
56) 2,4-Dinitrotoluene	10.02	165	119222	43.01	nq #	77
57) Fluorene	10.37	166	357896	39.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	80930	37.21	nq	98
59) Diethylphthalate	10.26	149	398782	38.21	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	146537	33.43	nq	98
61) 4-Nitroaniline	10.40	138	84362	32.10	nq	97
62) Azobenzene	10.52	77	412753	35.37	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	48872	34.83	nq #	64
65) n-Nitrosodiphenylamine	10.49	169	311311	39.57	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	93634	39.04	nq	98
67) Hexachlorobenzene	10.91	284	99440	37.30	nq #	56
68) Atrazine	11.01	200	83155	36.05	nq	98
69) Pentachlorophenol	11.12	266	113351	73.11	nq	96
70) Phenanthrene	11.32	178	473576	36.94	nq	98
71) Anthracene	11.38	178	488424	38.48	nq	100
72) Carbazole	11.54	167	494484	40.01	nq	99
73) Di-n-butylphthalate	11.87	149	577226	37.35	nq	99
74) Fluoranthene	12.51	202	585393	42.24	nq	97
76) Benzidine	12.64	184	383401	Below	Cal	97
77) Pyrene	12.74	202	573729	40.26	nq	99
79) Butylbenzylphthalate	13.36	149	257391	37.47	nq #	64
80) Benzo(a)anthracene	13.92	228	471485	38.70	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	91553	20.66	nq #	97
82) Chrysene	13.95	228	434366	37.23	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	333397	34.88	nq #	95
84) Di-n-octyl phthalate	14.53	149	573758	35.41	nq	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	411320	37.05	nq	99
87) Benzo(b)fluoranthene	14.96	252	815080	74.52	nq #	96
88) Benzo(k)fluoranthene	14.96	252	815080	85.18	nq	99
89) Benzo(a)pyrene	15.27	252	379062	40.32	nq #	96
90) Dibenzo(a,h)anthracene	16.68	278	342645	41.21	nq	99
91) Benzo(g,h,i)perylene	17.07	276	314929	38.94	nq	97

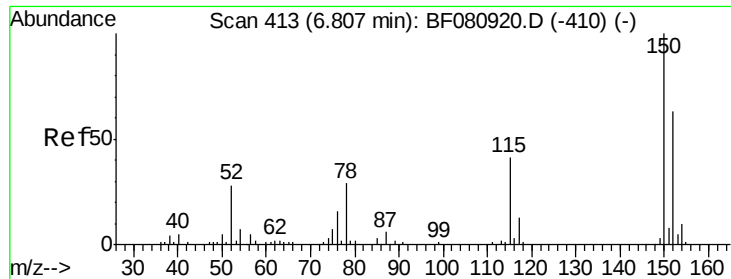
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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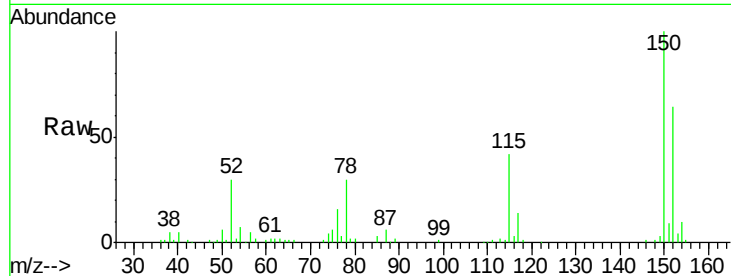


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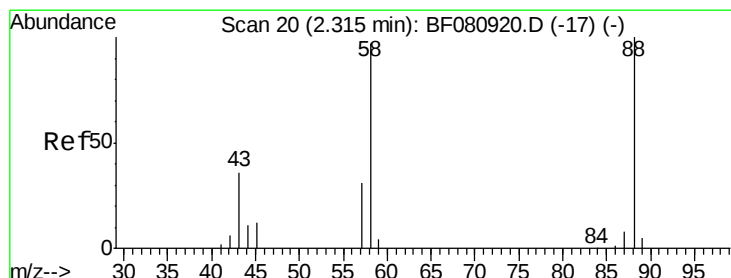
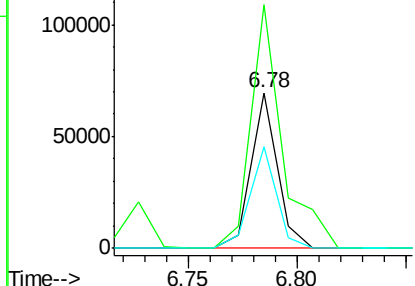
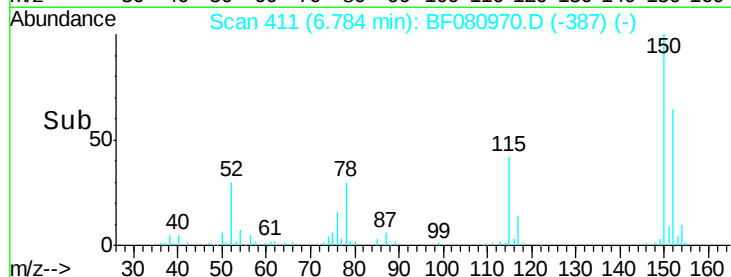
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:152 Resp: 58796
Ion Ratio Lower Upper
152 100
150 156.7 127.4 191.2
115 65.6 52.6 78.8



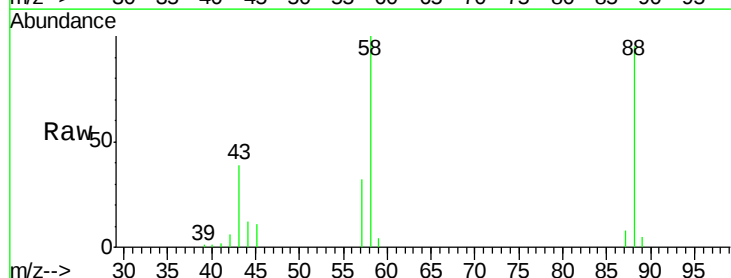
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



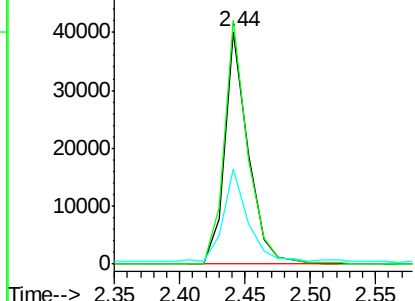
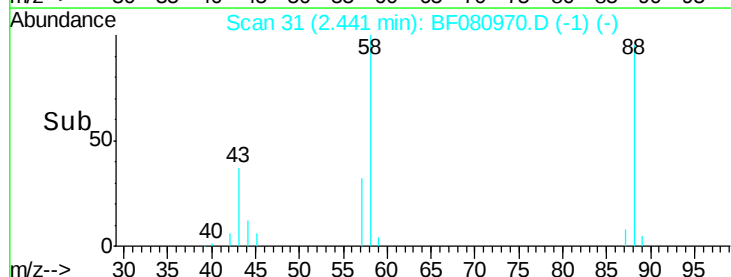
#2

1,4-Dioxane
Concen: 29.40 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion: 88 Resp: 50180
Ion Ratio Lower Upper
88 100
58 105.7 79.3 118.9
43 42.1 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



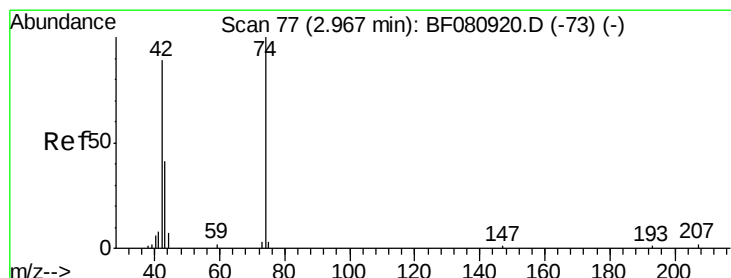
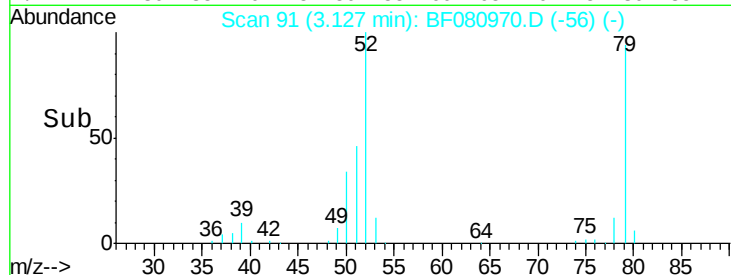
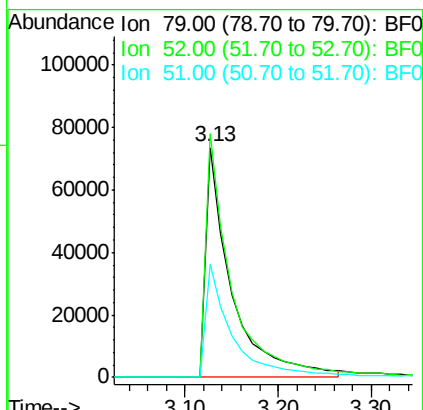
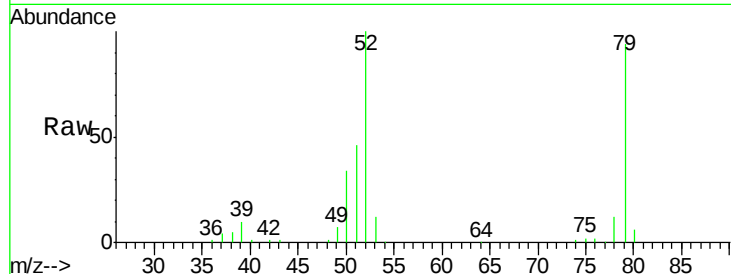


#3
 Pvridine
 Concen: 29.35 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.10 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion: 79 Resp: 142080

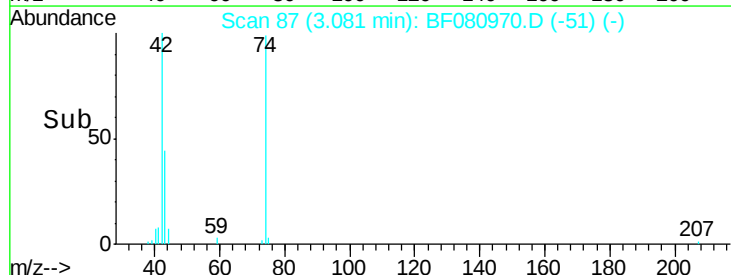
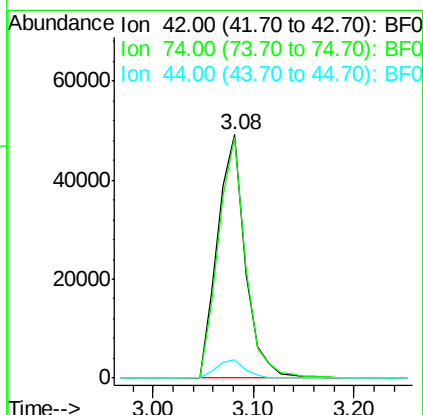
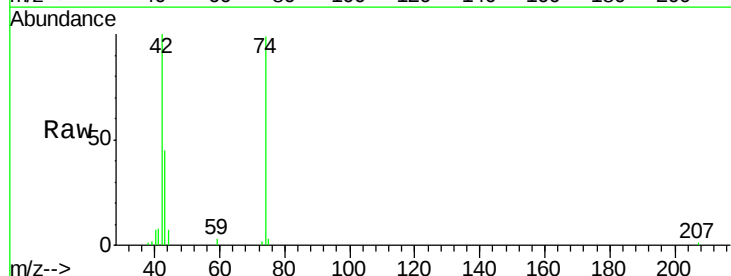
Ion	Ratio	Lower	Upper
79	100		
52	106.0	77.2	115.8
51	49.2	35.0	52.4

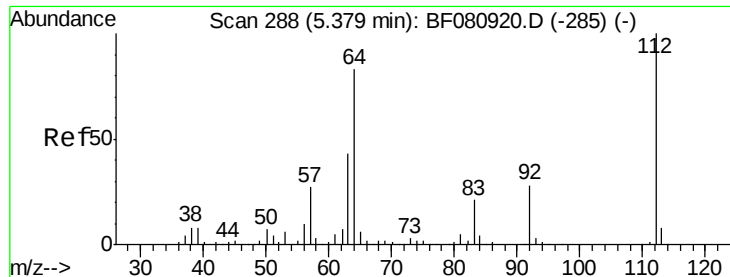


#4
 n-Nitrosodimethylamine
 Concen: 38.28 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.11 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion: 42 Resp: 94576

Ion	Ratio	Lower	Upper
42	100		
74	99.0	89.8	134.8
44	7.4	6.5	9.7





#5

2-Fluorophenol

Concen: 123.30 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

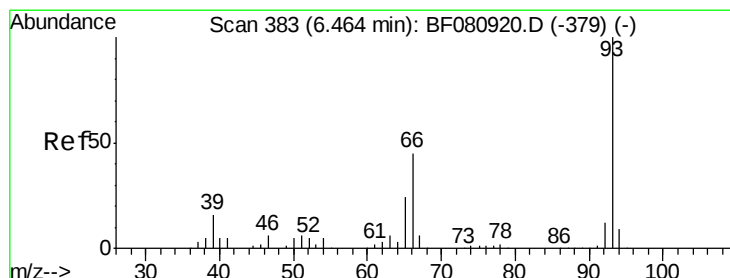
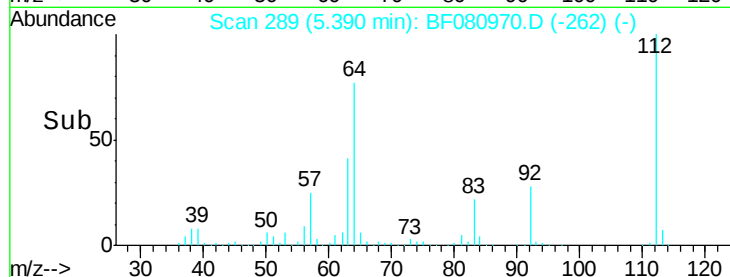
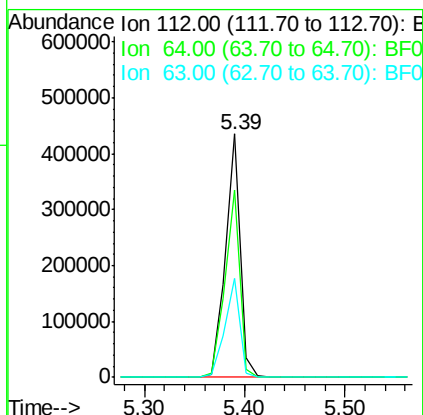
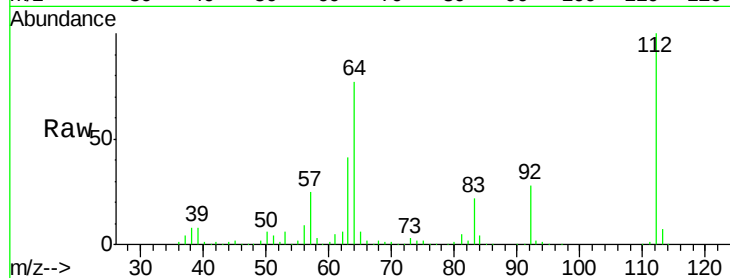
Instrument :

BNA_F

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Tot Ion:	112	Resp:	443714
Ion	Ratio	Lower	Upper
112	100		
64	77.0	66.1	99.1
63	40.8	34.6	52.0



#6

Aniline

Concen: 28.39 ng

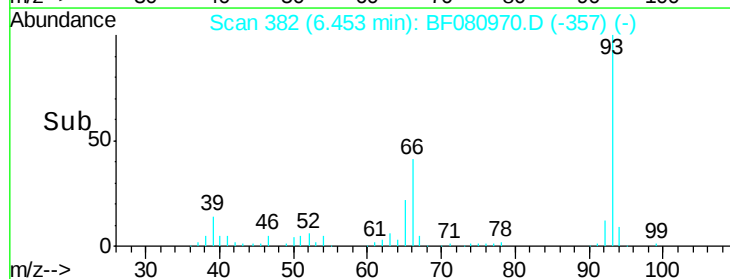
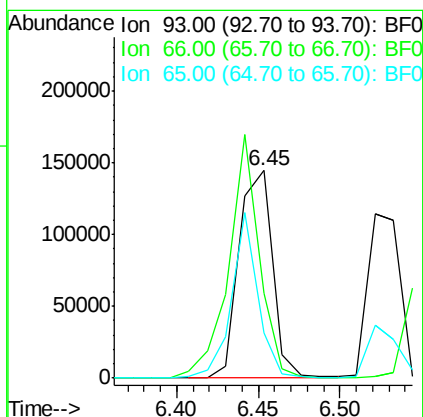
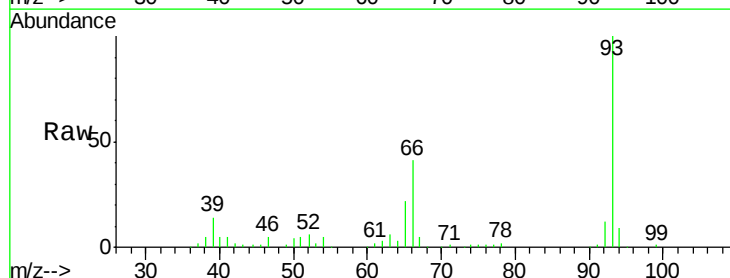
RT: 6.45 min Scan# 382

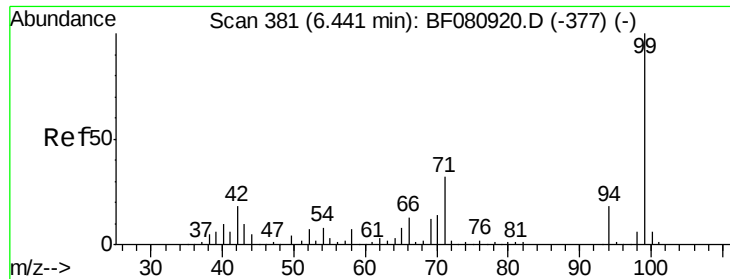
Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Tgt Ion:	93	Resp:	205713
Ion	Ratio	Lower	Upper
93	100		
66	41.1	36.2	54.4
65	21.6	19.0	28.4





#7

Phenol-d6

Concen: 115.61 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

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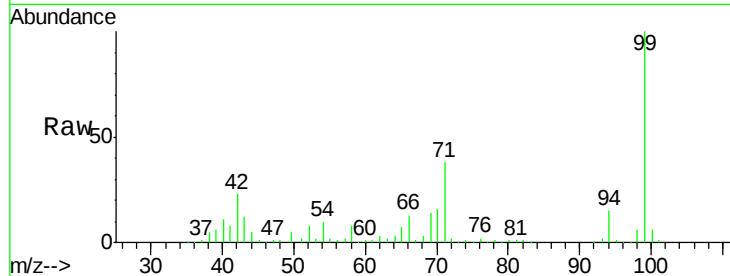
Tot Ion: 99 Resp: 570093

Ion Ratio Lower Upper

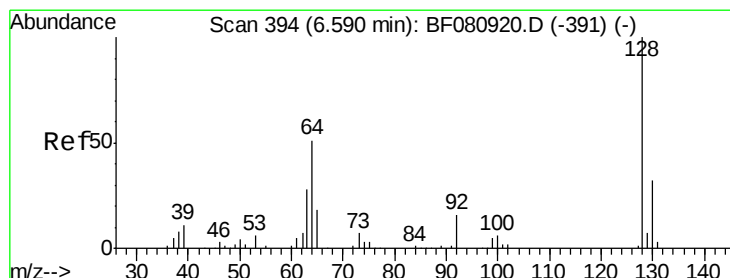
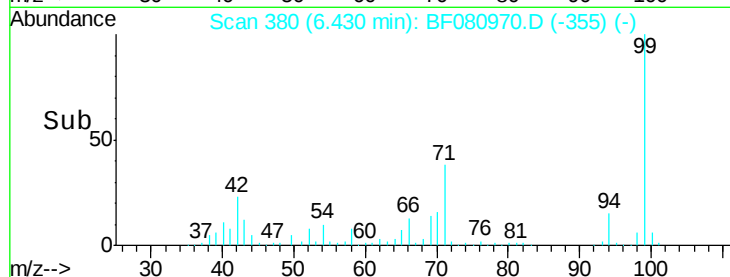
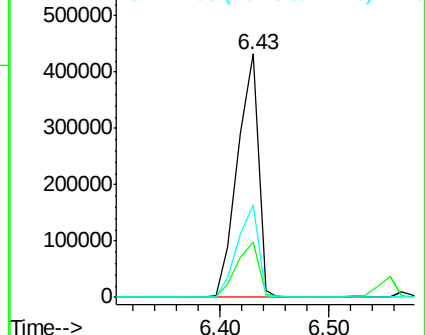
99 100

42 22.6 14.4 21.6#

71 38.0 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: 35.53 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080970.D

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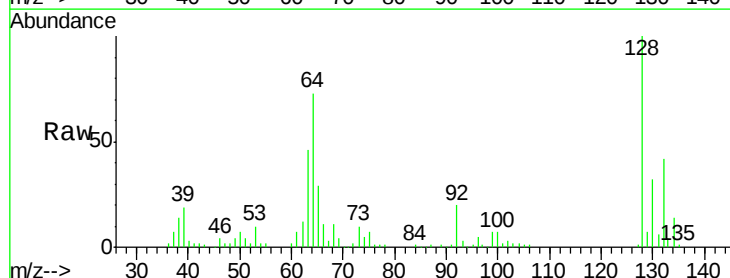
Tgt Ion: 128 Resp: 147944

Ion Ratio Lower Upper

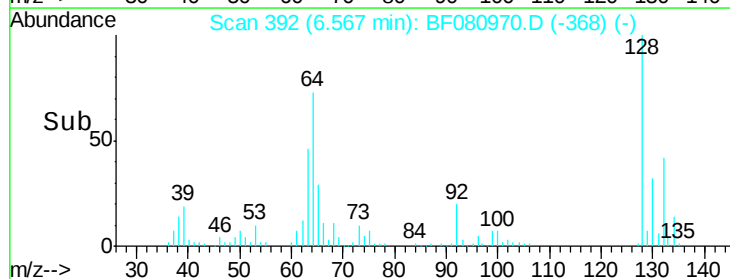
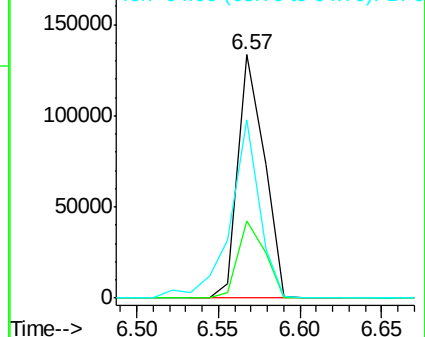
128 100

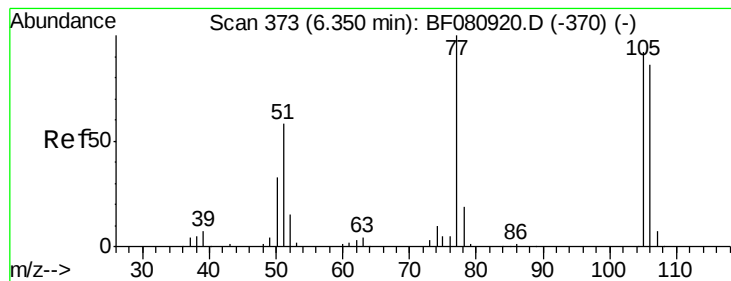
130 31.6 12.4 52.4

64 73.4 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: 33.69 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

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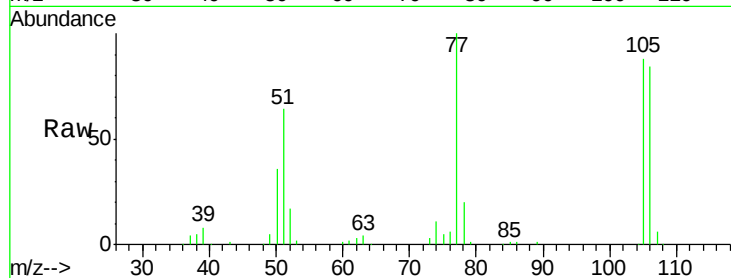
Tot Ion: 77 Resp: 111974

Ion Ratio Lower Upper

77 100

105 87.7 71.6 111.6

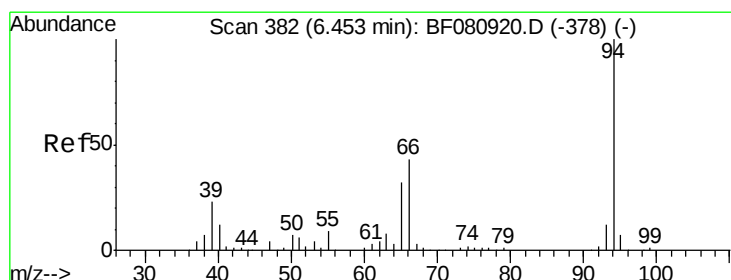
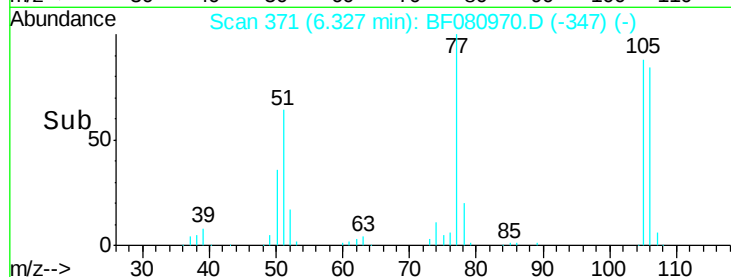
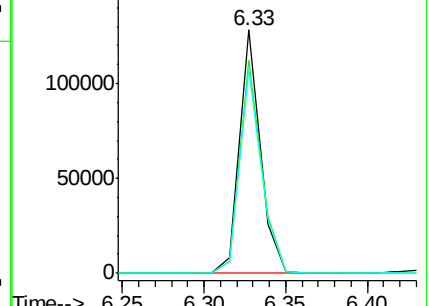
106 83.6 65.7 105.7



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: 43.28 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080970.D

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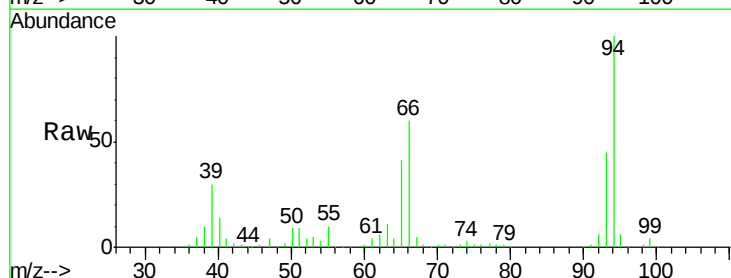
Tgt Ion: 94 Resp: 253241

Ion Ratio Lower Upper

94 100

65 40.9 11.8 51.8

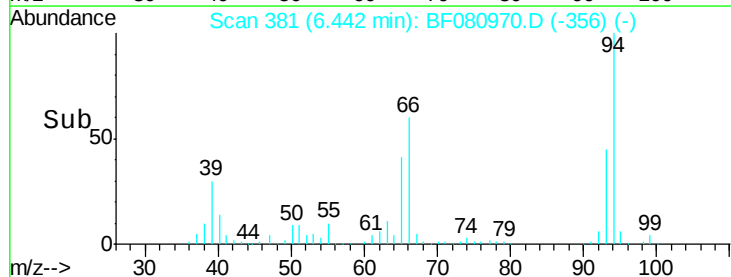
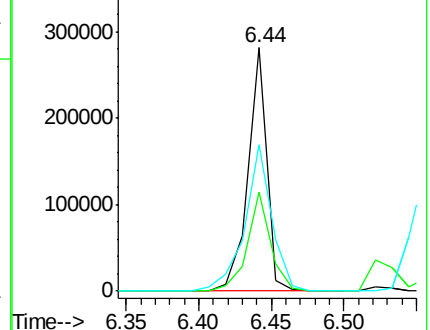
66 60.3 22.9 62.9

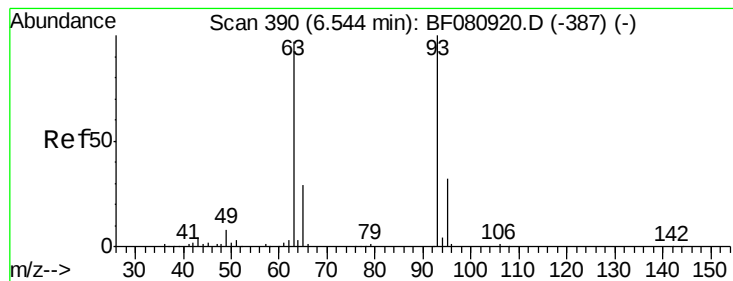


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

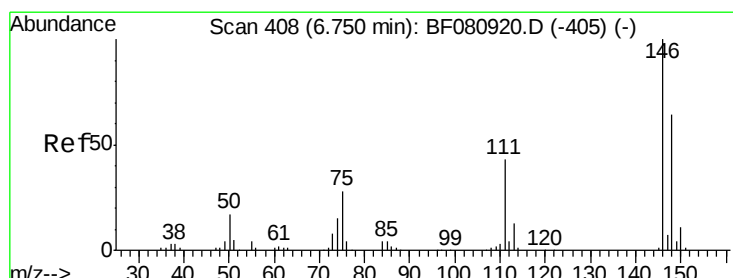
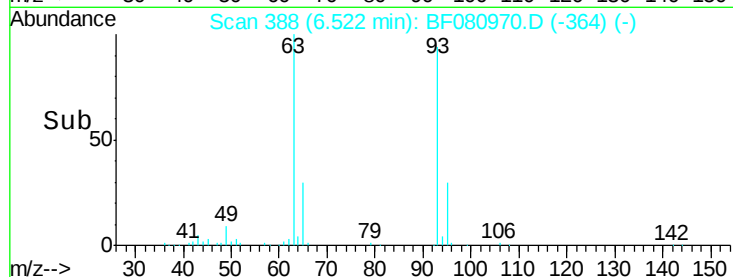
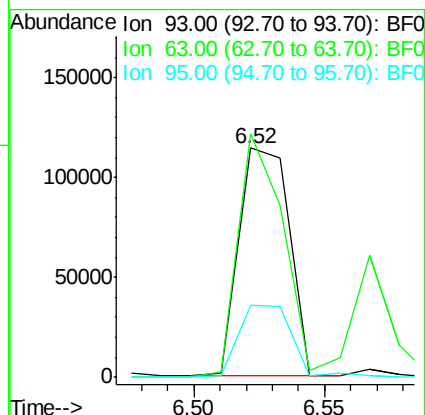
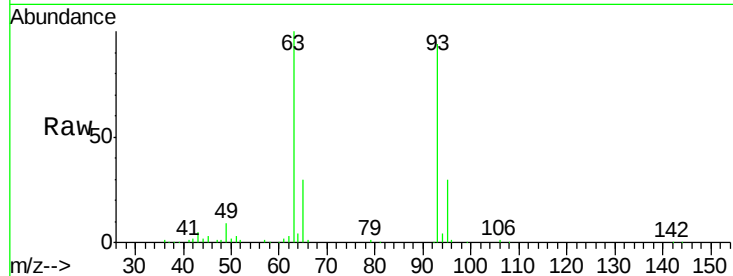




#11
 bis(2-Chloroethyl)ether
 Concen: 35.39 ng
 RT: 6.52 min Scan# 388
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

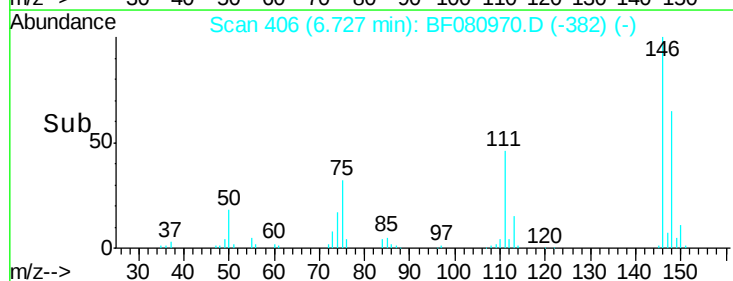
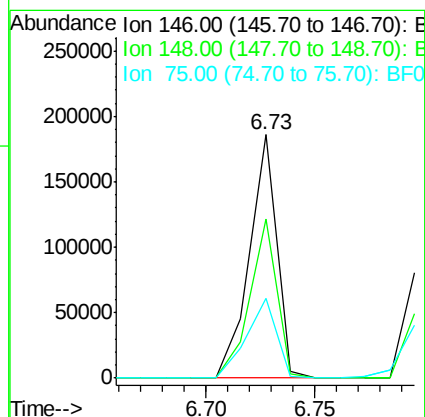
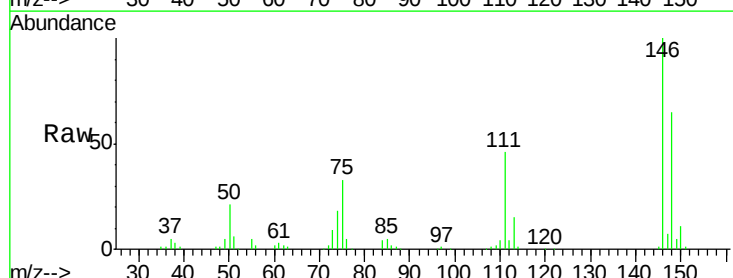
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

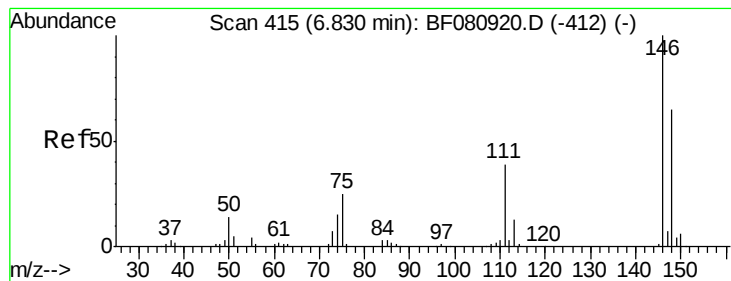
Tot Ion: 93 Resp: 154592
 Ion Ratio Lower Upper
 93 100
 63 106.2 76.7 116.7
 95 31.4 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 36.71 ng
 RT: 6.73 min Scan# 406
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion: 146 Resp: 162227
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.4 77.0
 75 32.9 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 35.06 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

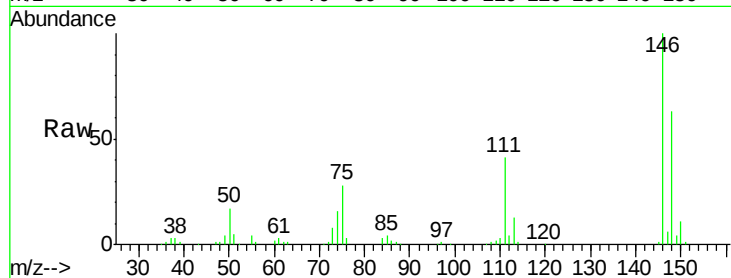
Tot Ion:146 Resp: 161008

Ion Ratio Lower Upper

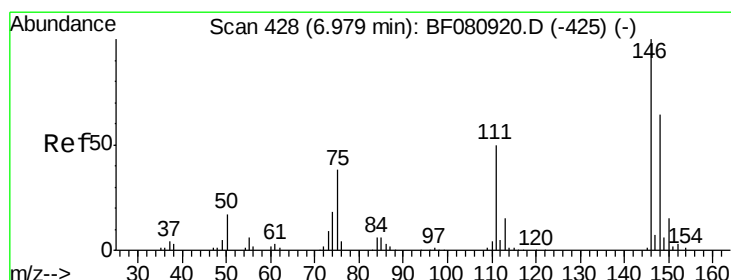
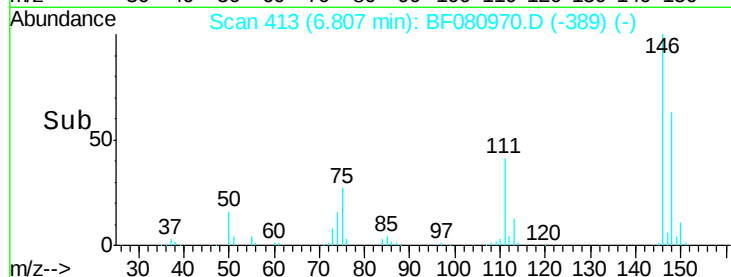
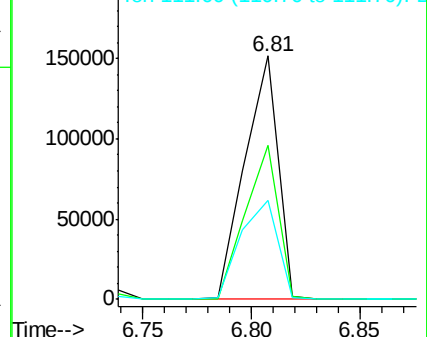
146 100

148 63.1 52.2 78.4

111 40.9 31.5 47.3



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



#14

1,2-Dichlorobenzene

Concen: 34.07 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

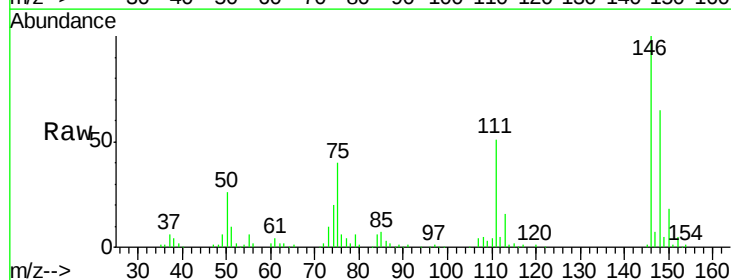
Tgt Ion:146 Resp: 141416

Ion Ratio Lower Upper

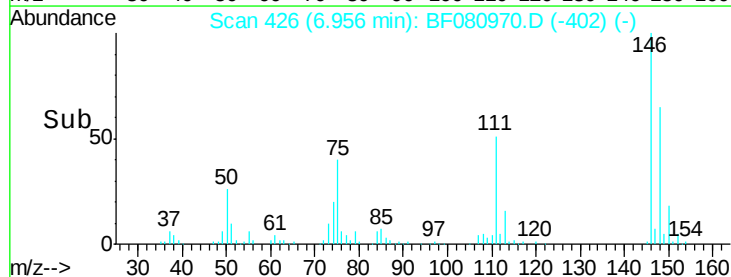
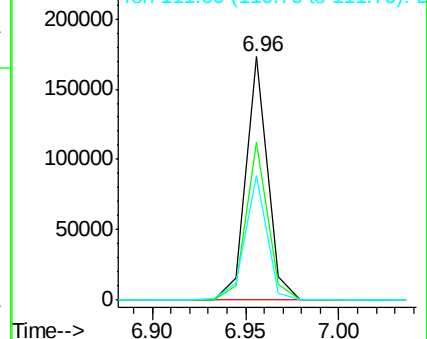
146 100

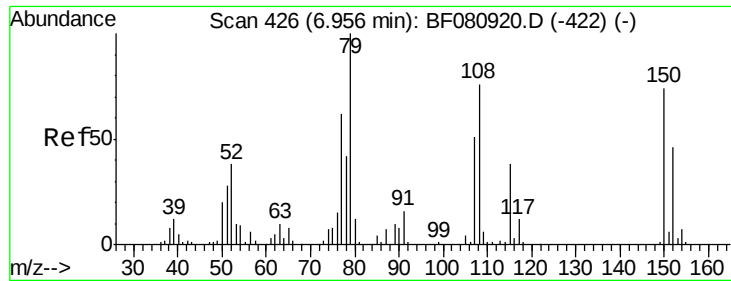
148 64.8 51.1 76.7

111 51.1 40.0 60.0



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





#15

Benzyl Alcohol

Concen: 35.80 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleID :

PB84838BSD

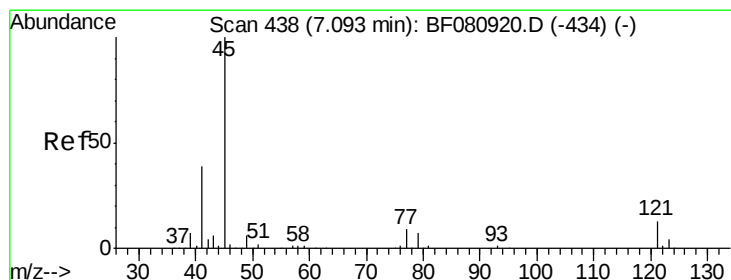
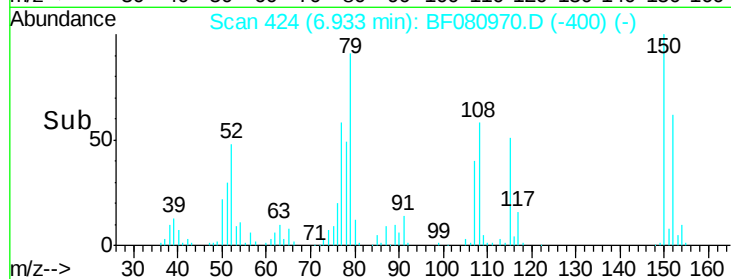
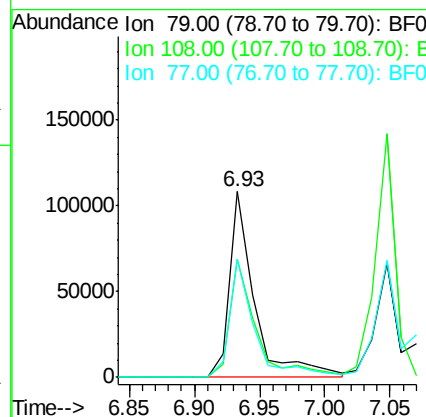
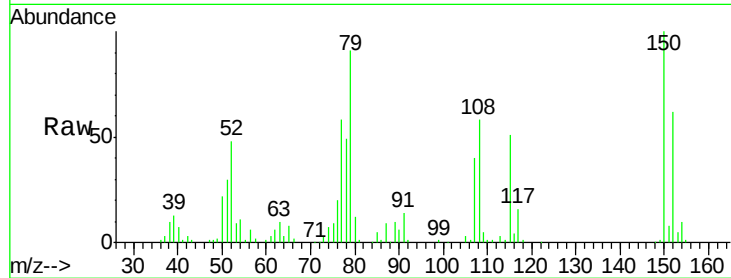
Tot Ion: 79 Resp: 144463

Ion Ratio Lower Upper

79 100

108 63.6 60.9 91.3

77 63.6 49.4 74.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.82 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

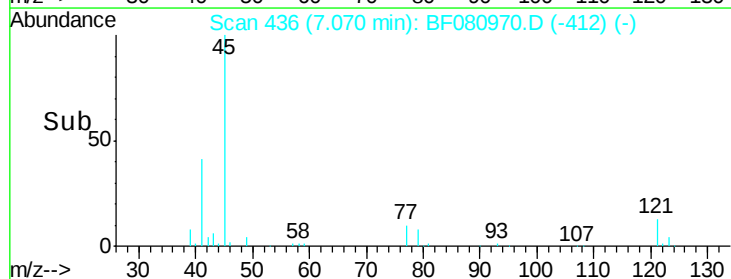
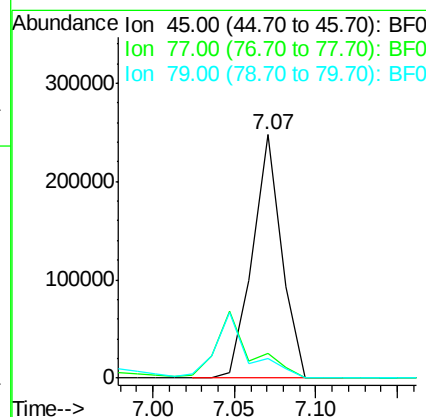
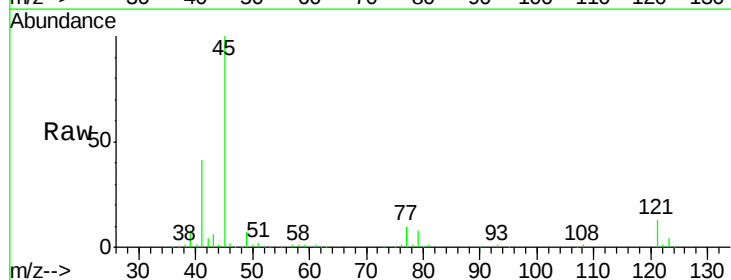
Tgt Ion: 45 Resp: 306023

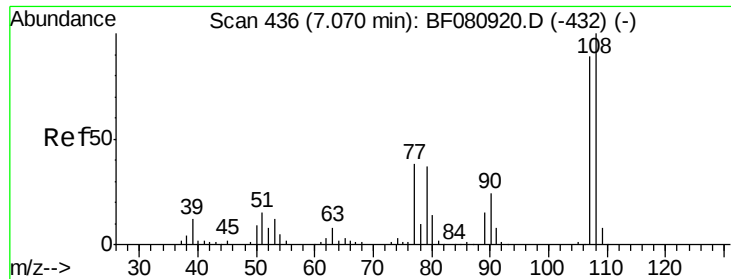
Ion Ratio Lower Upper

45 100

77 10.0 0.0 29.6

79 7.9 0.0 27.7





#17

2-Methylphenol

Concen: 37.47 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

Tot Ion:107 Resp: 133177

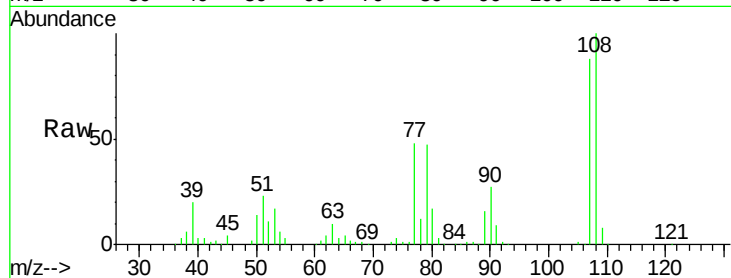
Ion Ratio Lower Upper

107 100

108 113.9 90.3 135.5

77 54.8 34.6 51.8#

79 53.6 33.6 50.4#

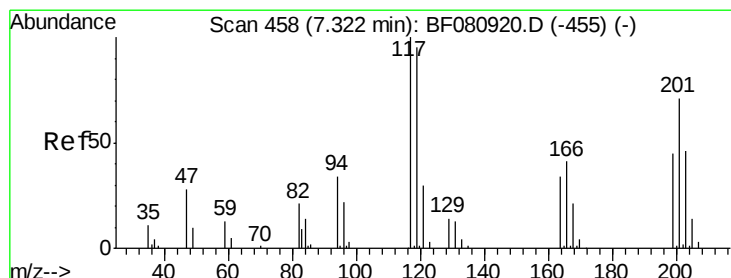
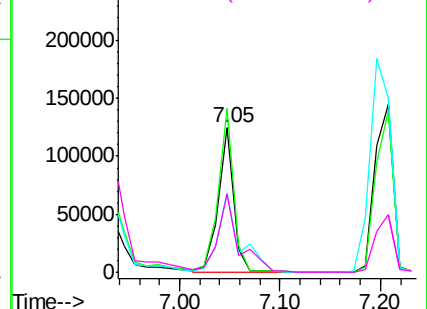
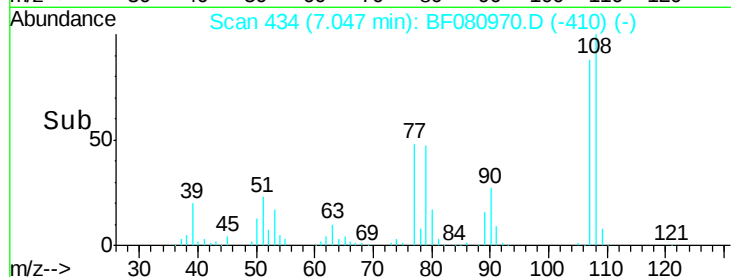


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.93 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

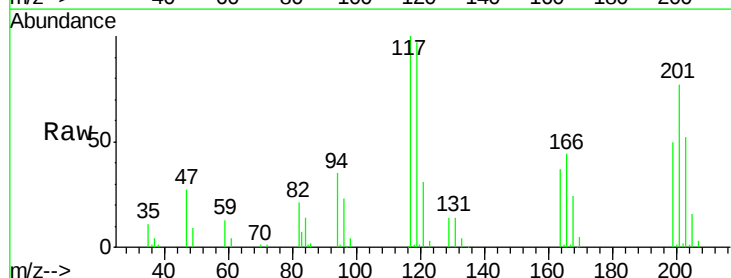
Tgt Ion:117 Resp: 66740

Ion Ratio Lower Upper

117 100

119 96.8 76.3 114.5

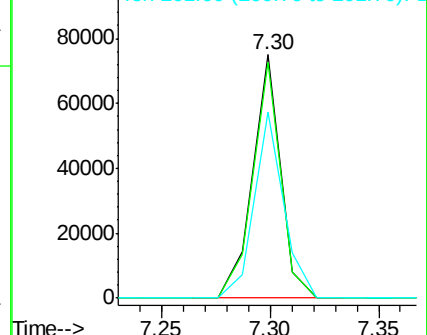
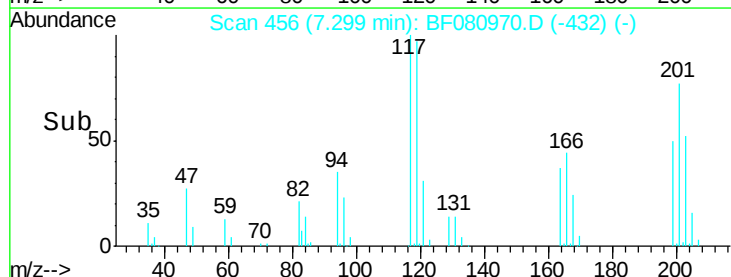
201 76.6 57.0 85.6

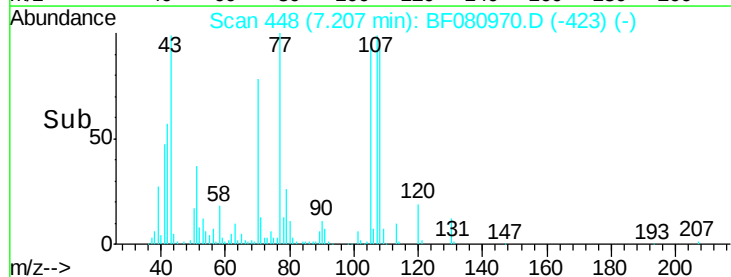
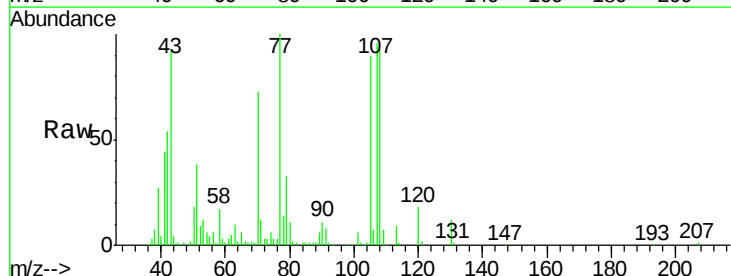
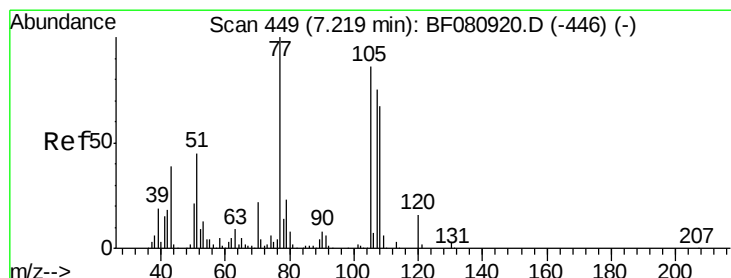
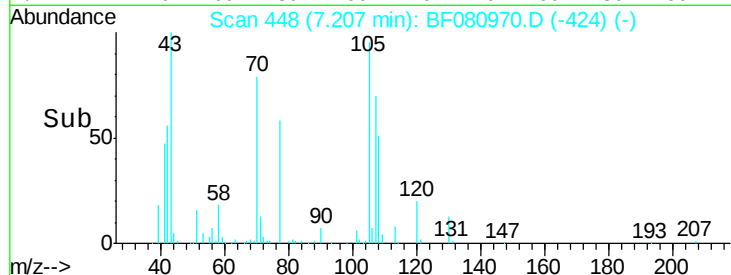
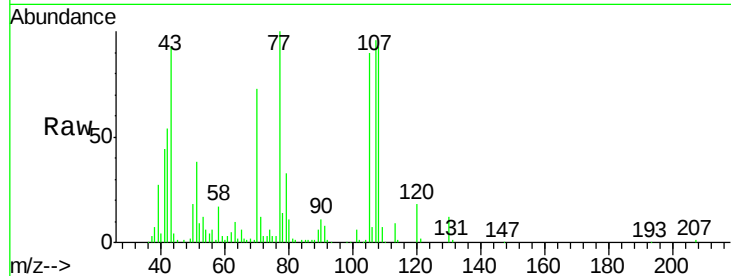
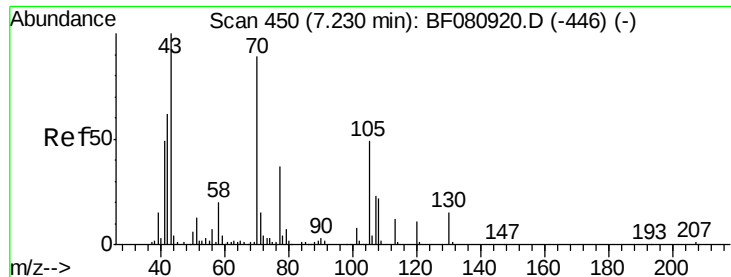


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

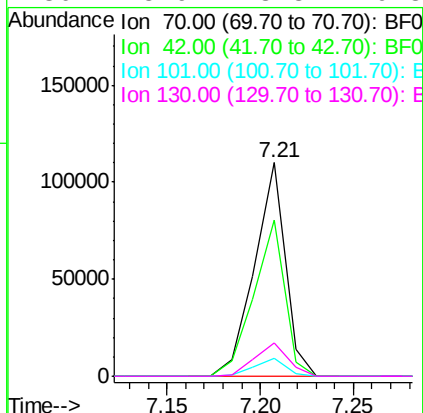




#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

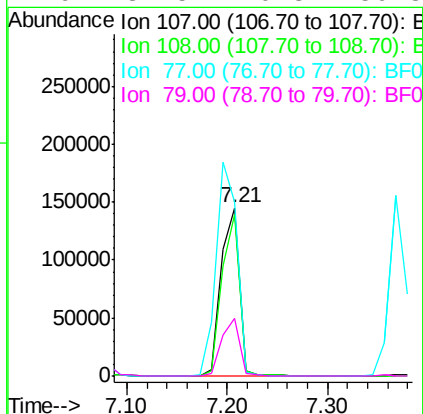
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

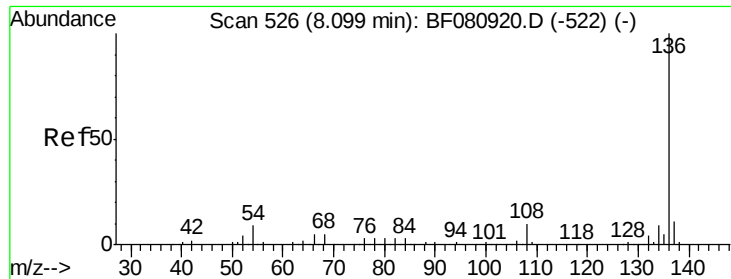
Tot Ion: 70 Resp: 126210
Ion Ratio Lower Upper
70 100
42 73.2 55.7 83.5
101 8.3 7.0 10.6
130 15.9 13.8 20.8



#20
3+4-Methylphenols
Concen: 41.36 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:107 Resp: 184655
Ion Ratio Lower Upper
107 100
108 96.2 69.2 109.2
77 103.7 113.0 153.0#
79 34.5 10.3 50.3

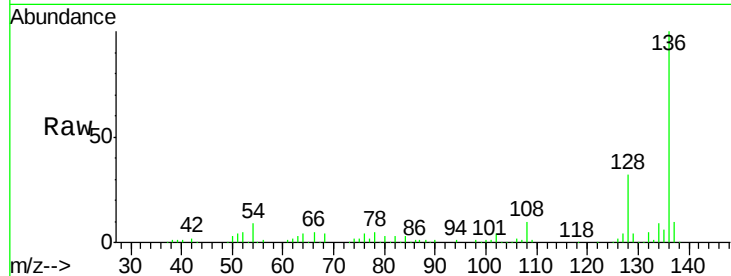




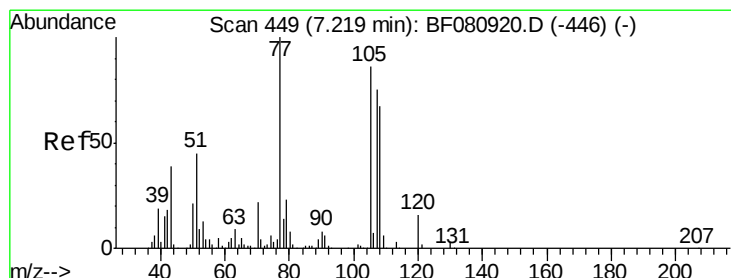
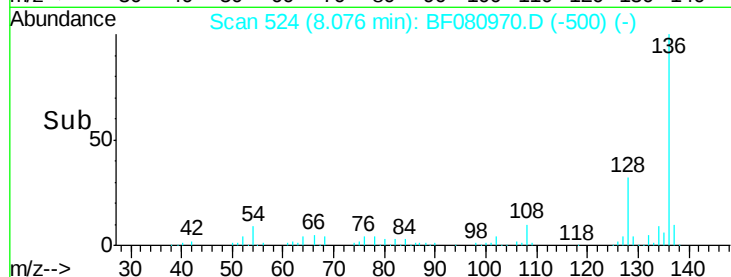
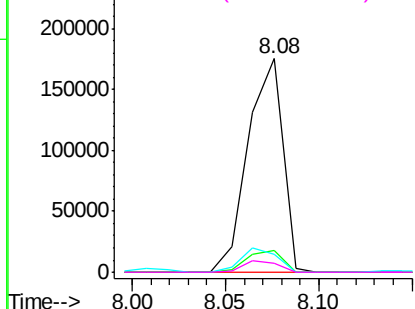
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:136	Resp:	226801
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	8.7	7.1 10.7
68	4.3	3.8 5.8

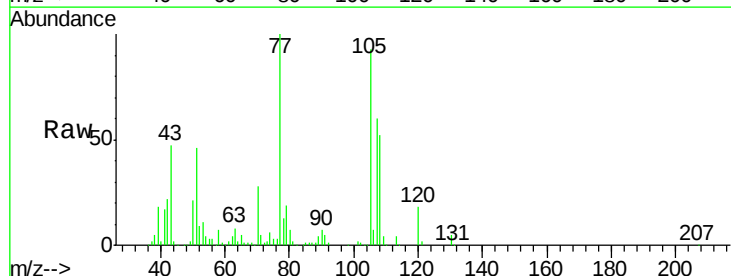


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

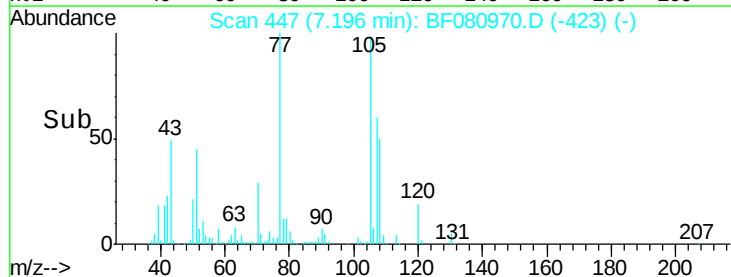
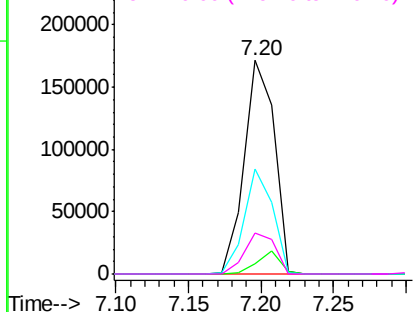


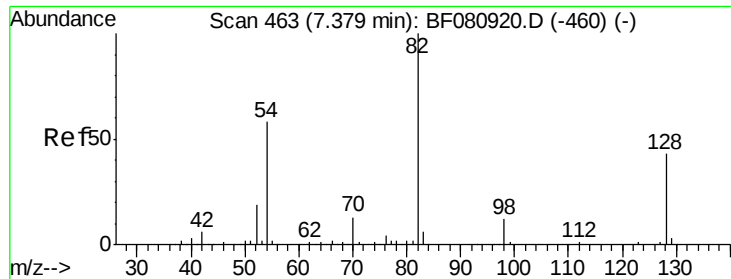
#22
Acetophenone
Concen: 44.30 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:105	Resp:	246165
Ion Ratio	Lower	Upper
105	100	
71	5.1	3.3 4.9#
51	49.4	41.8 62.6
120	19.2	15.1 22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

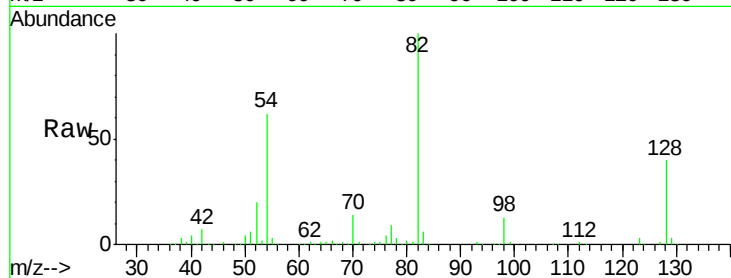




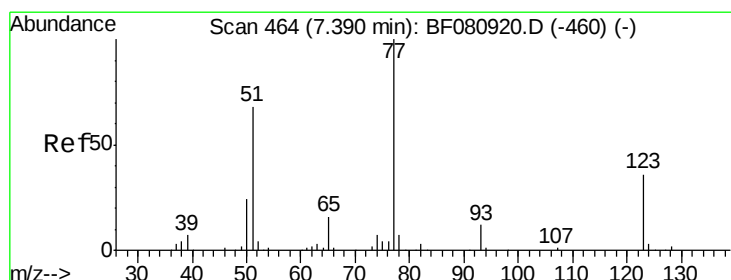
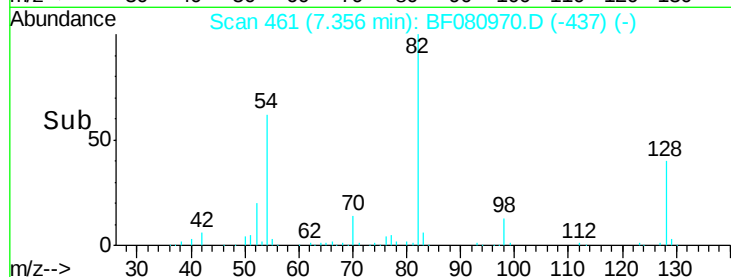
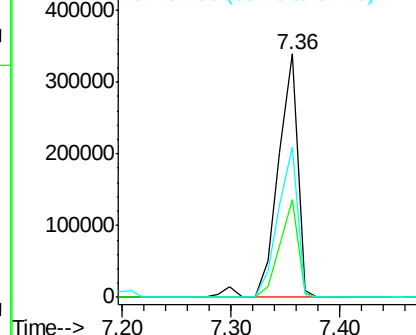
#23
 Nitrobenzene-d5
 Concen: 89.18 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	82	Resp	427617
Ion Ratio	100	Lower	Upper
128	40.3	34.1	51.1
54	61.6	46.5	69.7

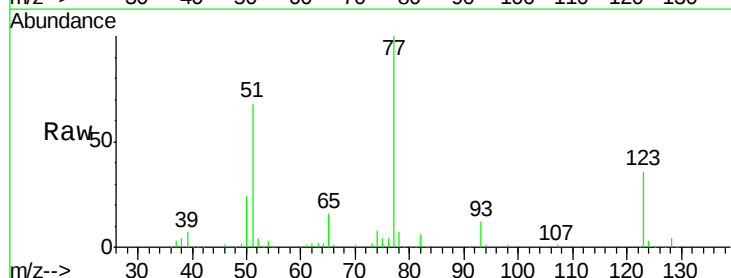


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

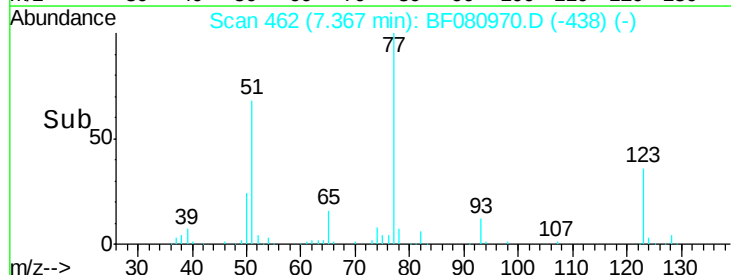
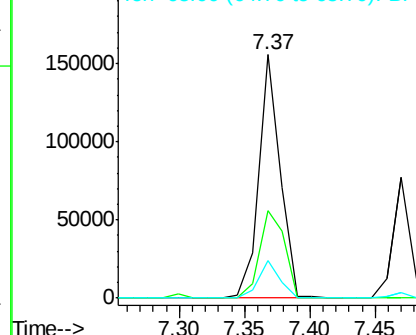


#24
 Nitrobenzene
 Concen: 36.09 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	77	Resp	178154
Ion Ratio	100	Lower	Upper
123	35.7	28.7	43.1
65	15.5	12.5	18.7



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





#25

Isophorone

Concen: 33.42 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

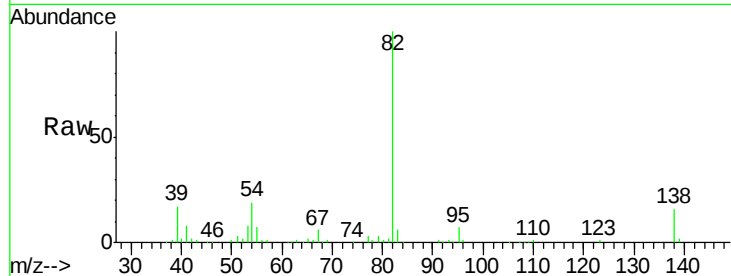
Tot Ion: 82 Resp: 308175

Ion Ratio Lower Upper

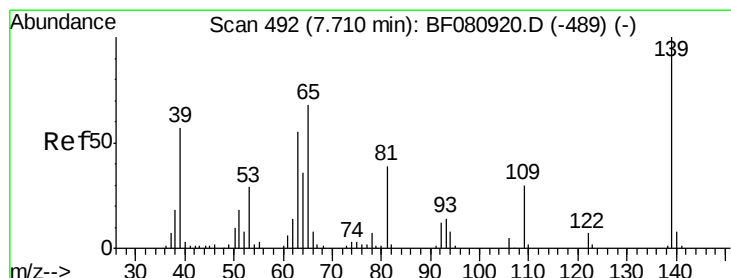
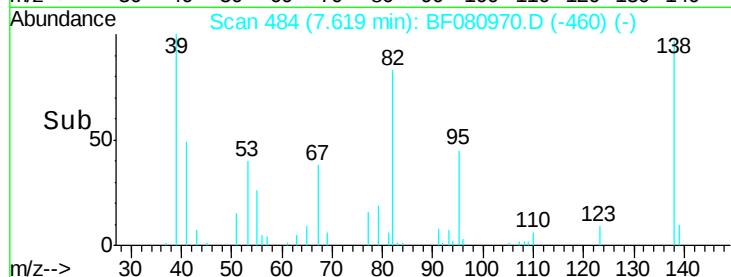
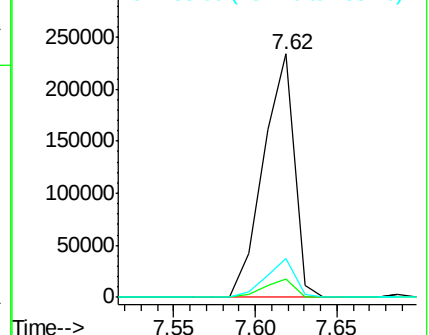
82 100

95 7.4 5.8 8.6

138 16.1 14.1 21.1



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



#26

2-Nitrophenol

Concen: 34.72 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

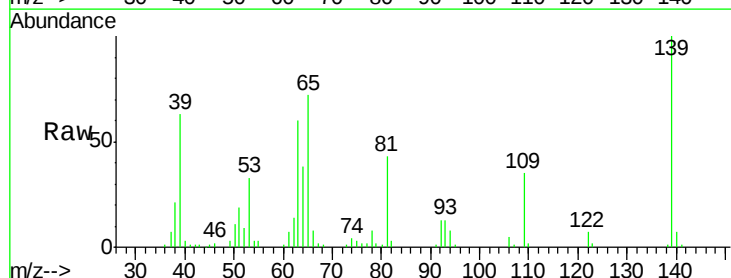
Tgt Ion: 139 Resp: 72133

Ion Ratio Lower Upper

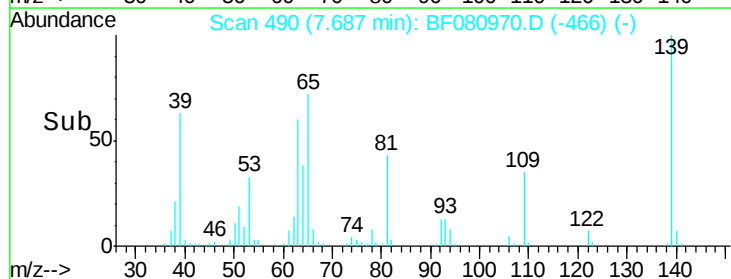
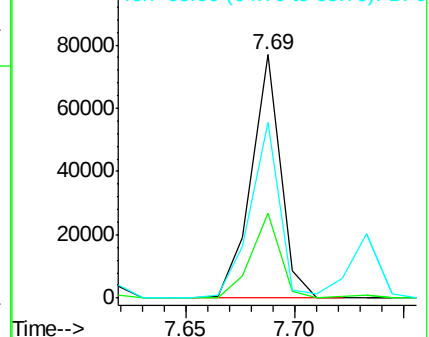
139 100

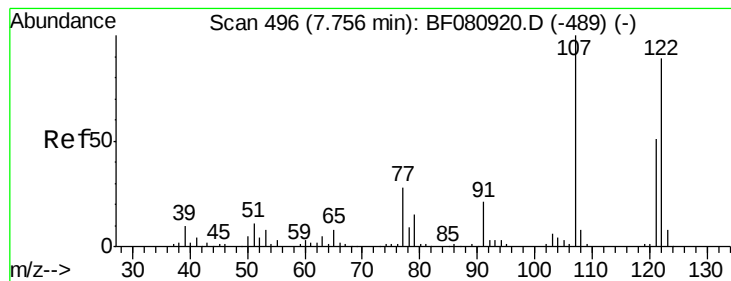
109 34.9 24.1 36.1

65 72.0 54.0 81.0



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





#27

2,4-Dimethylphenol

Concen: 42.22 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

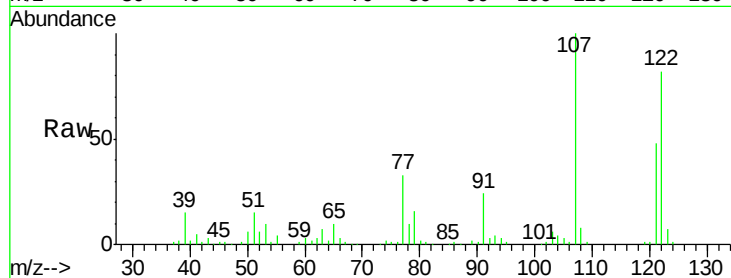
Tot Ion:122 Resp: 164200

Ion Ratio Lower Upper

122 100

107 122.2 90.2 135.4

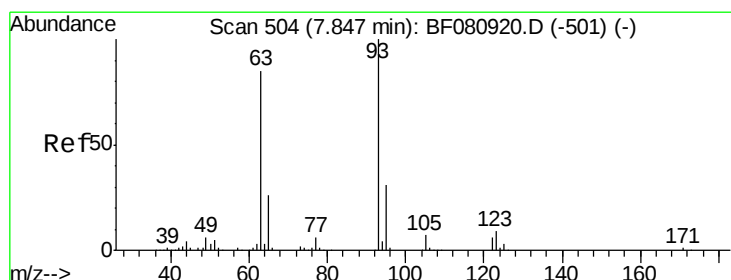
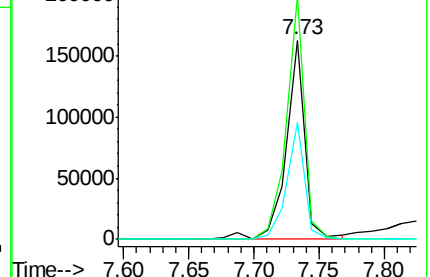
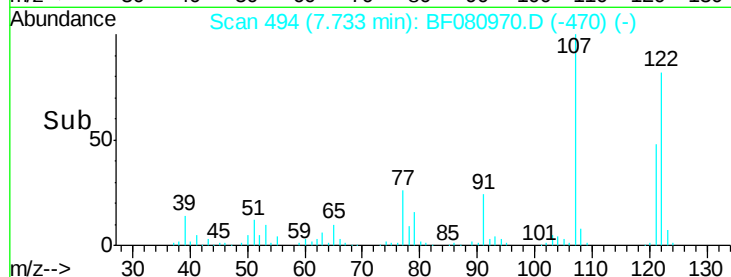
121 58.5 46.0 69.0



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: 35.37 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

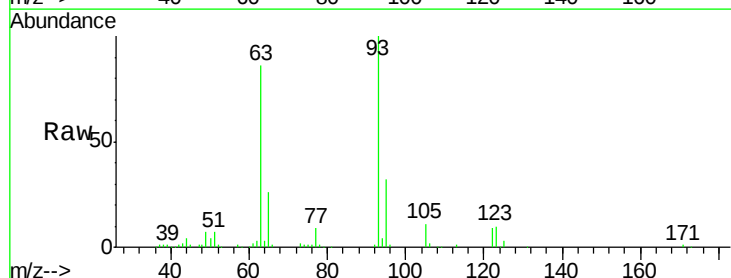
Tgt Ion: 93 Resp: 195819

Ion Ratio Lower Upper

93 100

95 31.9 25.0 37.4

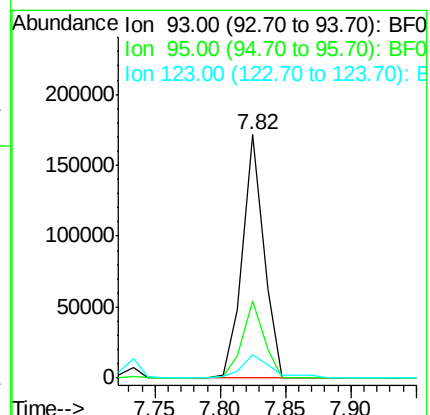
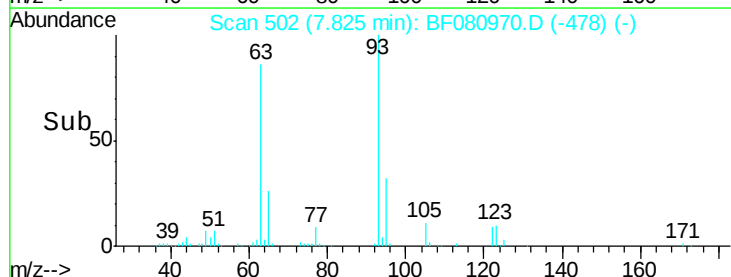
123 9.5 7.4 11.0

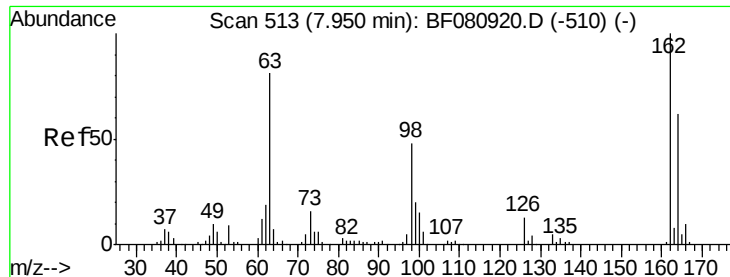


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

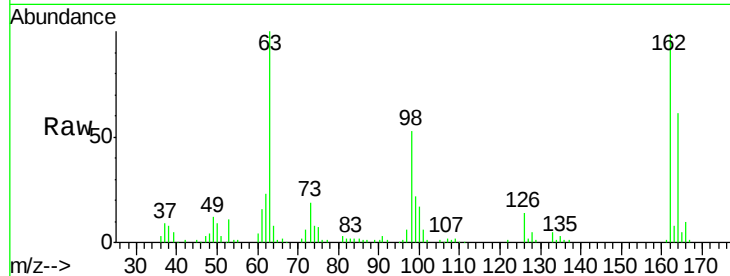




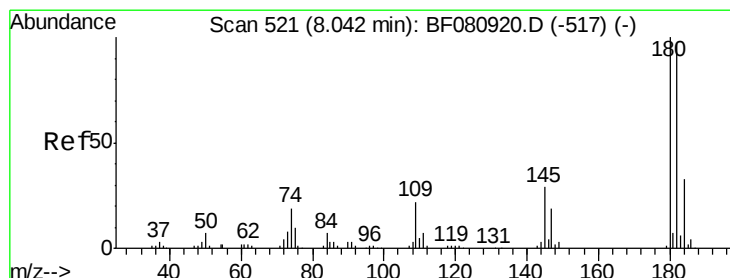
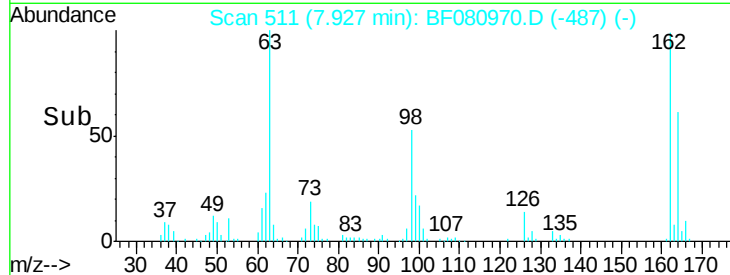
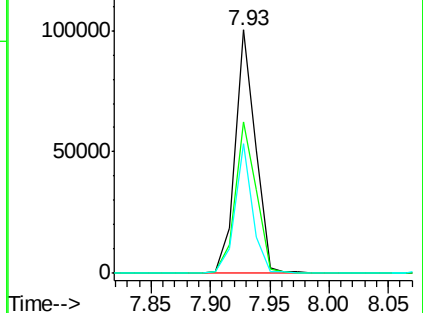
#29
 2,4-Dichlorophenol
 Concen: 37.47 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	42.3	82.3
98	53.1	27.7	67.7

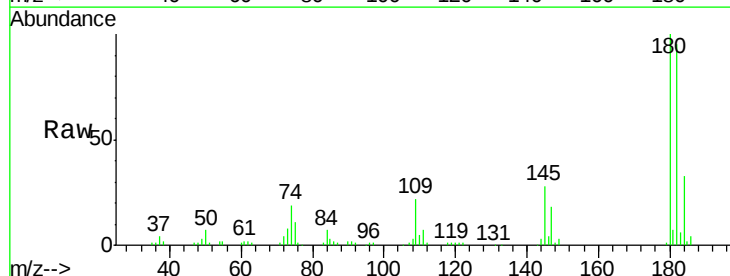


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

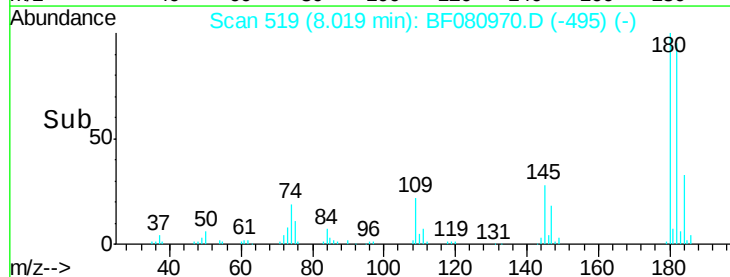
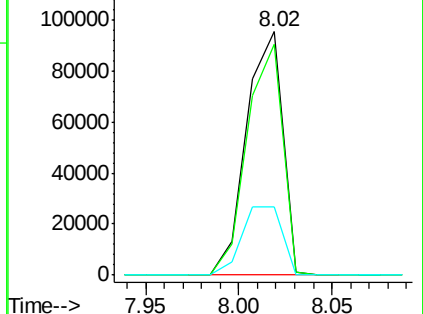


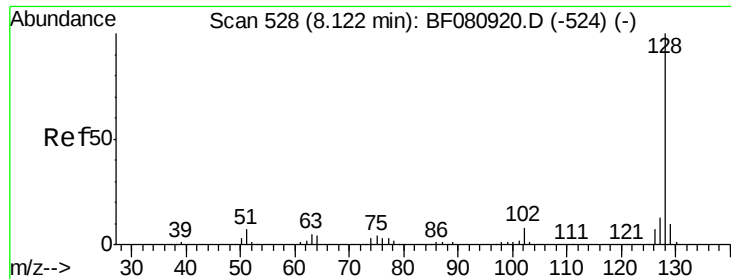
#30
 1,2,4-Trichlorobenzene
 Concen: 36.57 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.4	116.0
145	28.1	23.2	34.8



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

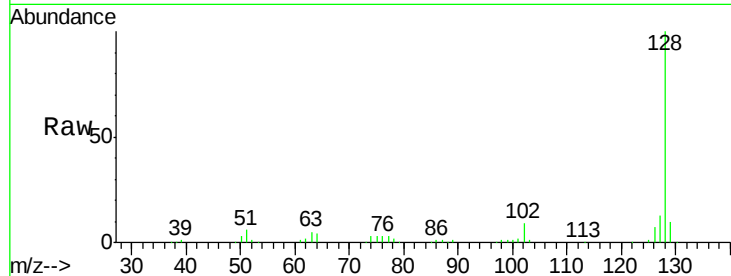




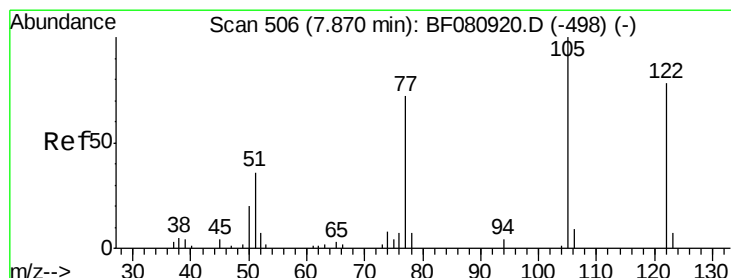
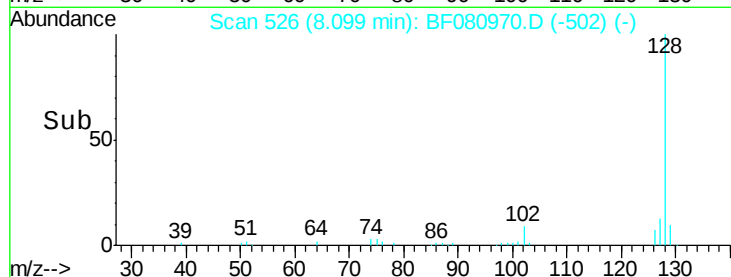
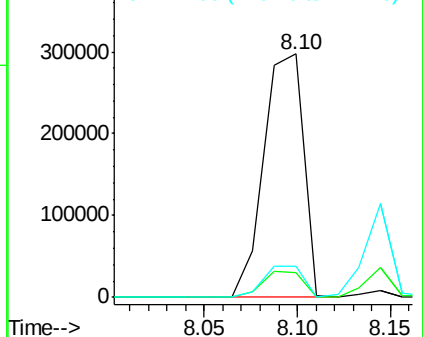
#31
Naphthalene
Concen: 35.13 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:128 Resp: 439171
Ion Ratio Lower Upper
128 100
129 10.3 8.4 12.6
127 12.8 10.5 15.7

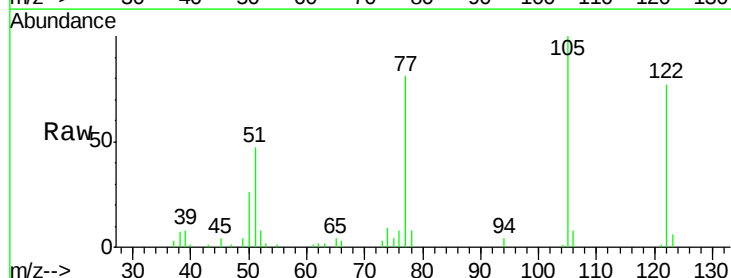


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

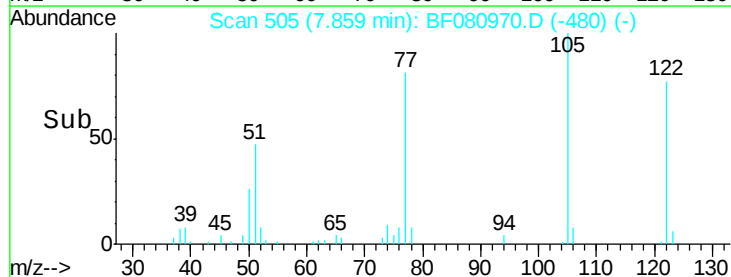
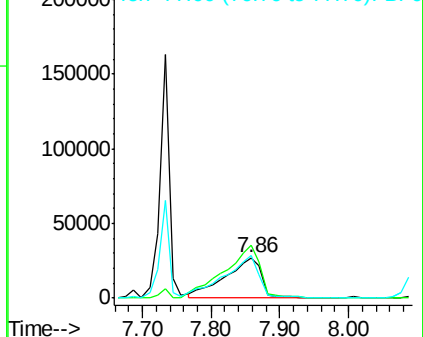


#32
Benzoic acid
Concen: 43.73 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:122 Resp: 101819
Ion Ratio Lower Upper
122 100
105 129.8 103.6 143.6
77 105.8 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

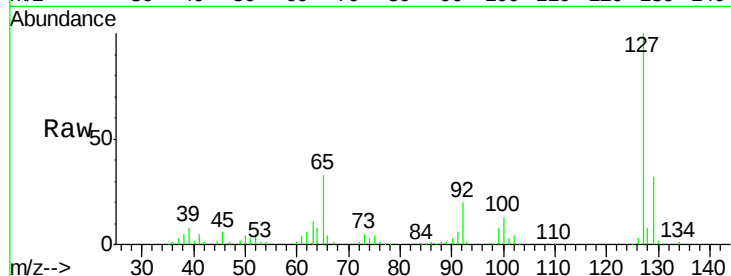




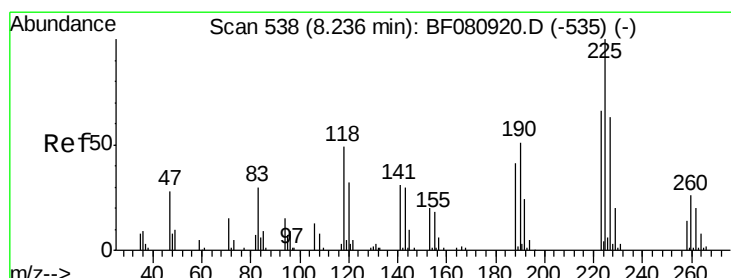
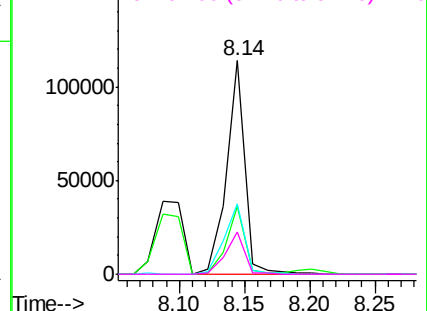
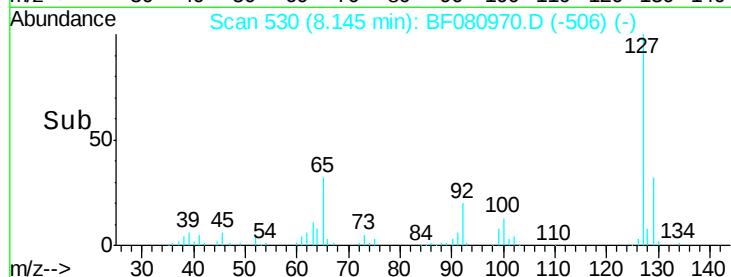
#33
4-Chloroaniline
Concen: 22.02 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:	127	Resp:	111892
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	32.7	30.6	45.8
92	19.6	16.9	25.3

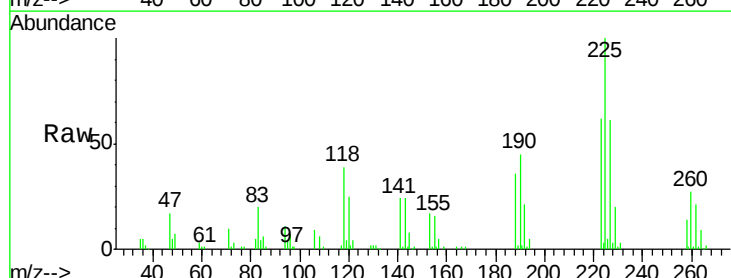


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

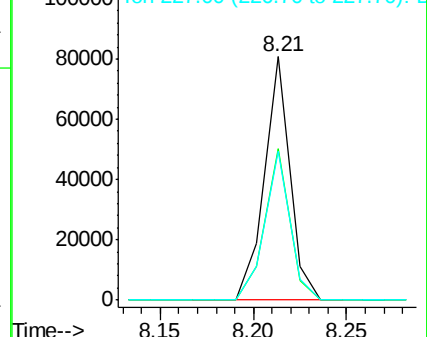
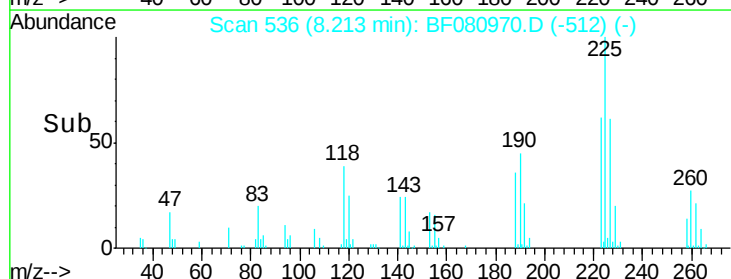


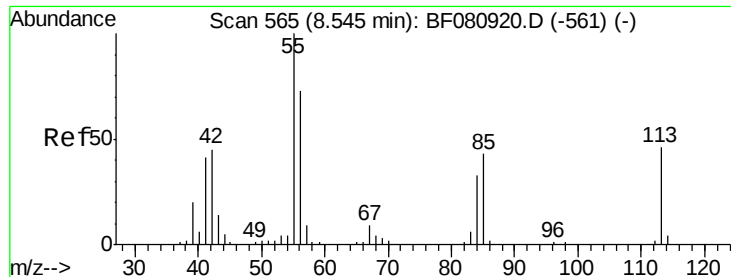
#34
Hexachlorobutadiene
Concen: 36.61 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:	225	Resp:	76100
Ion	Ratio	Lower	Upper
225	100		
223	62.3	52.5	78.7
227	61.0	50.3	75.5



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





#35

Caprolactam

Concen: 26.43 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

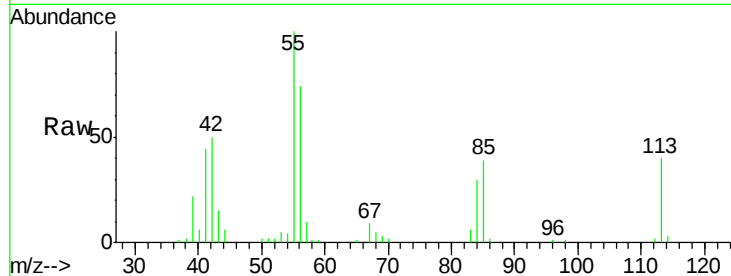
Tot Ion:113 Resp: 30385

Ion Ratio Lower Upper

113 100

55 248.3 196.4 236.4#

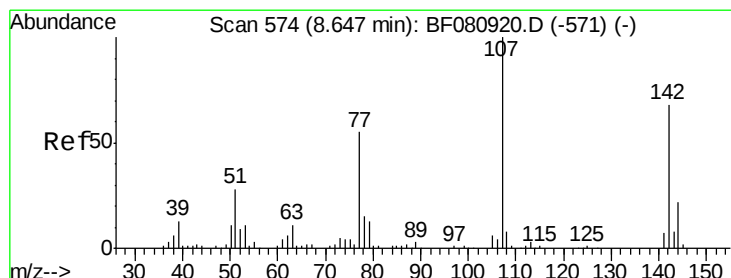
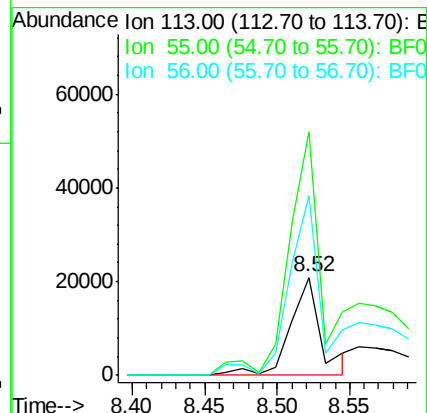
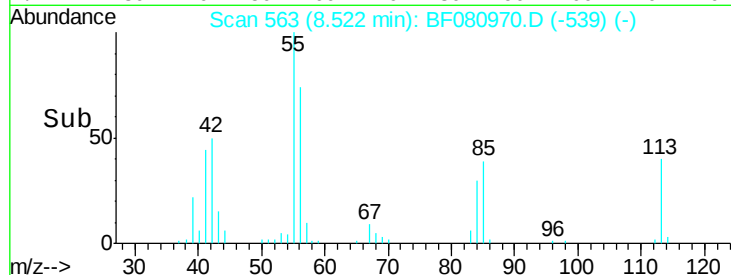
56 183.8 137.9 177.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.04 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

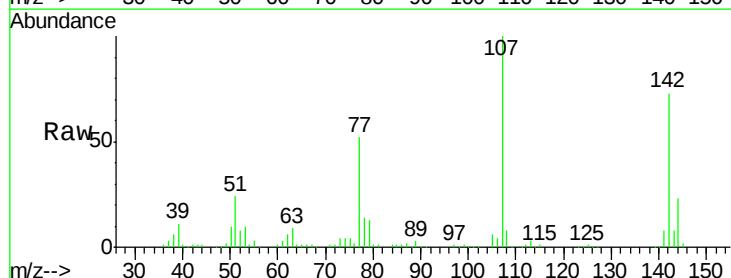
Tgt Ion:107 Resp: 171732

Ion Ratio Lower Upper

107 100

144 23.3 17.3 25.9

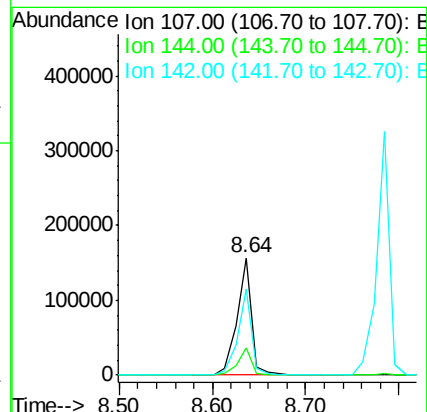
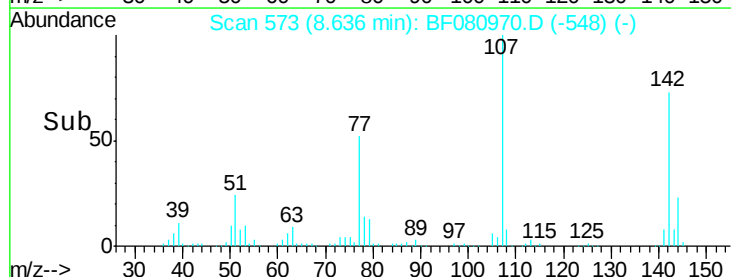
142 73.2 54.4 81.6

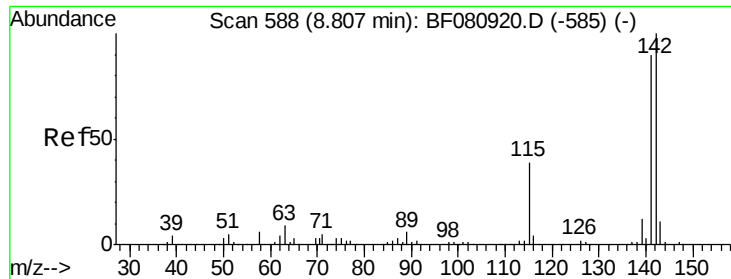


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

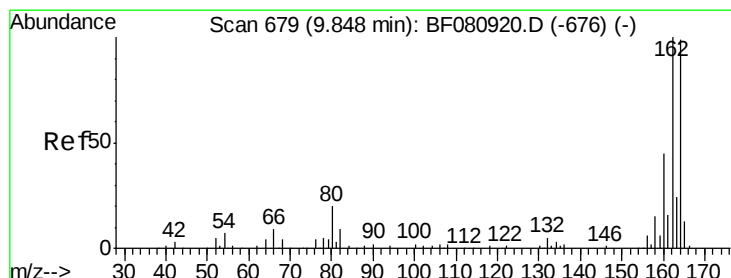
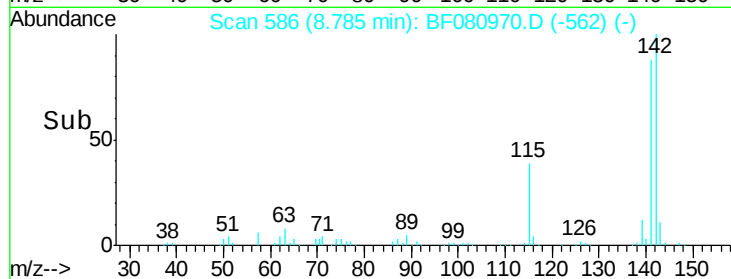
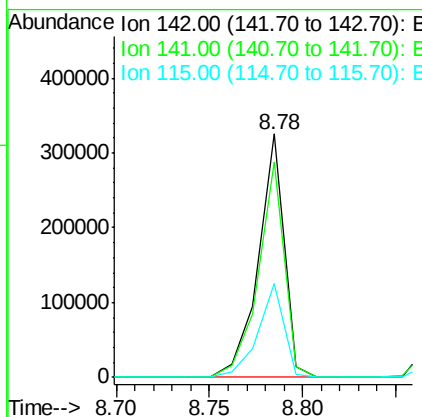
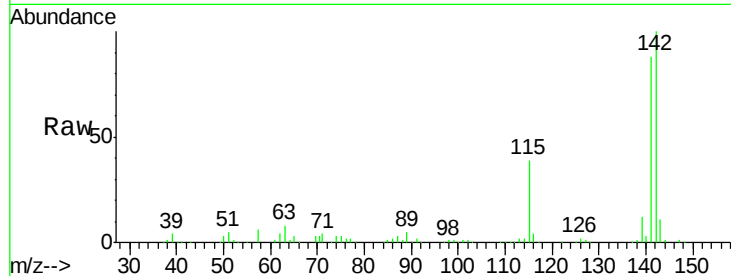




#37
 2-Methylnaphthalene
 Concen: 39.09 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

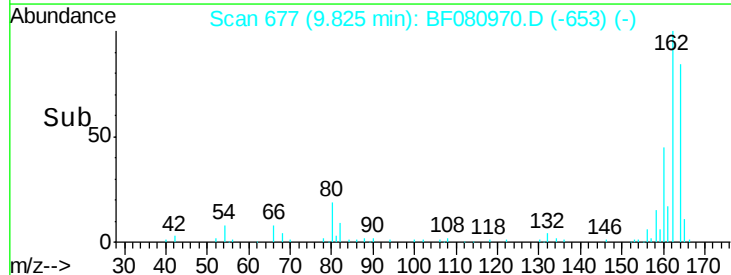
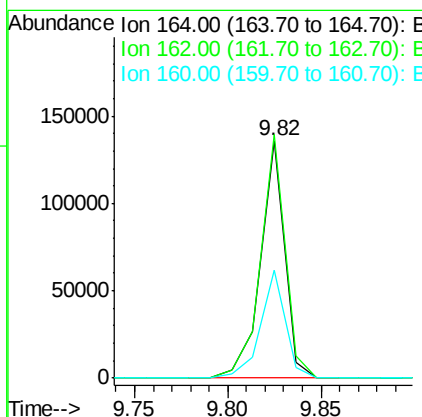
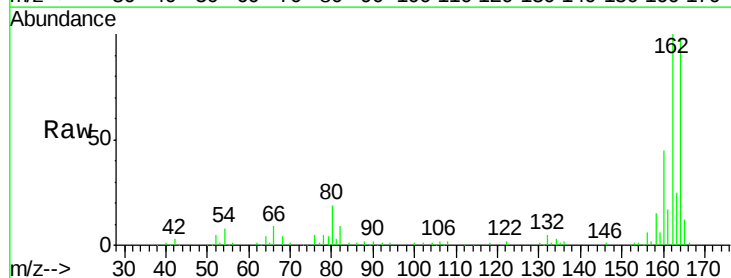
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

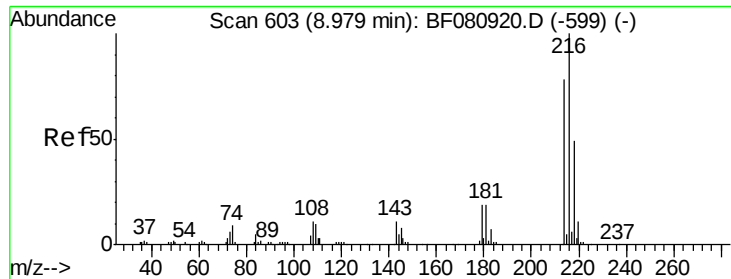
Tot Ion:142 Resp: 311074
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.7 107.5
 115 38.5 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:164 Resp: 120711
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.5 120.7
 160 45.6 36.6 54.8

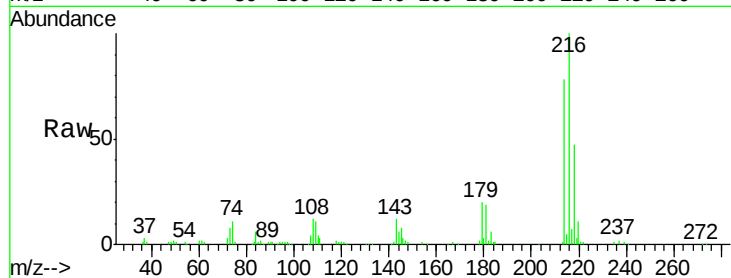




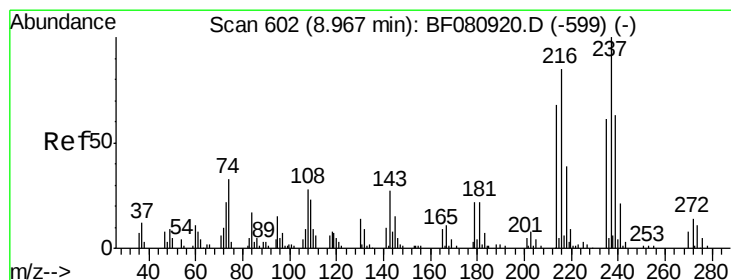
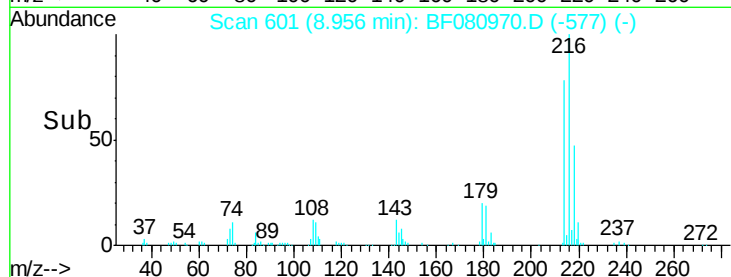
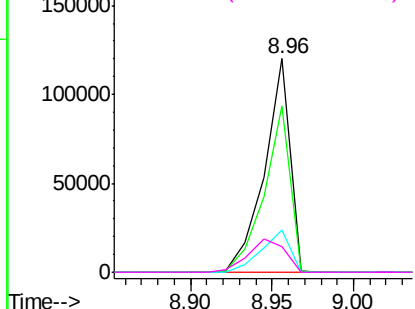
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.35 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:216	Resp:	131568
Ion Ratio	Lower	Upper
216	100	
214	78.4	63.0 94.4
179	22.2	17.2 25.8
108	22.2	16.1 24.1

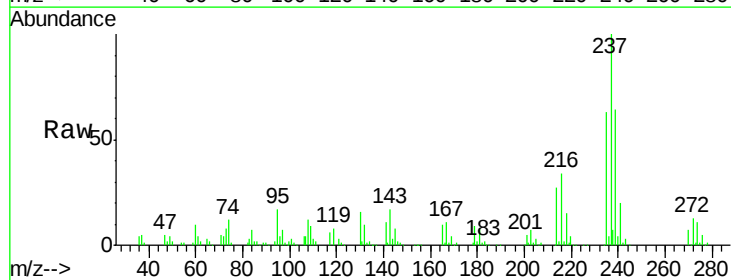


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

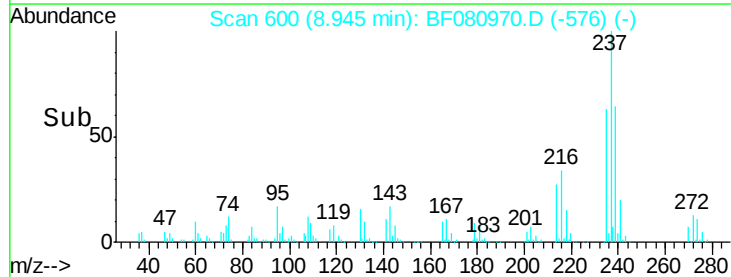
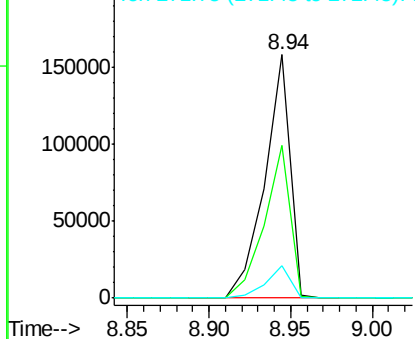


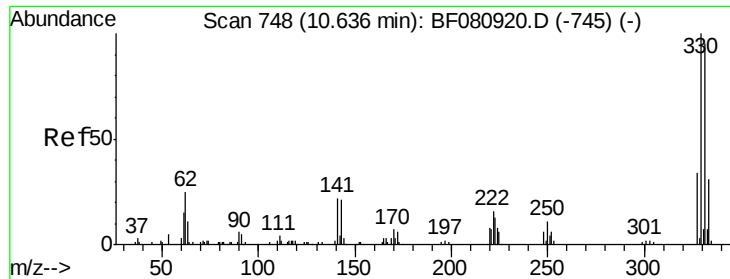
#40
 Hexachlorocyclopentadiene
 Concen: 84.40 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:237	Resp:	171391
Ion Ratio	Lower	Upper
237	100	
235	63.0	41.3 81.3
272	13.4	0.0 33.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

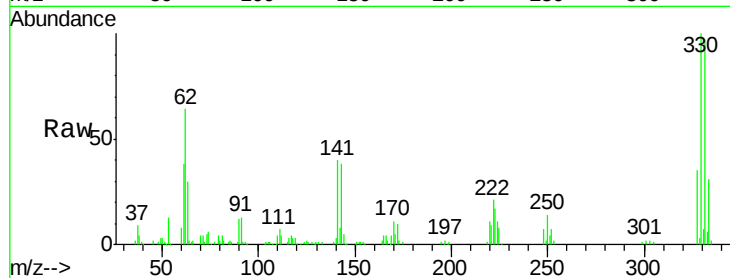




#41
 2,4,6-Tribromophenol
 Concen: 106.62 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	44.8	27.8	41.8#

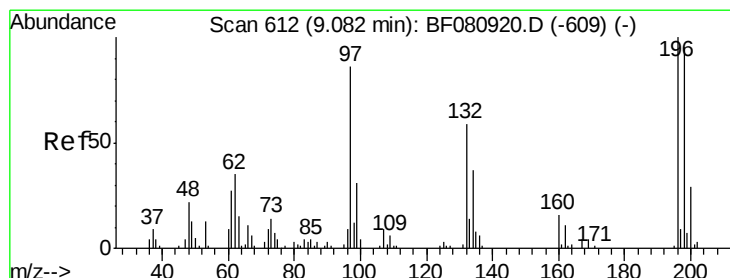
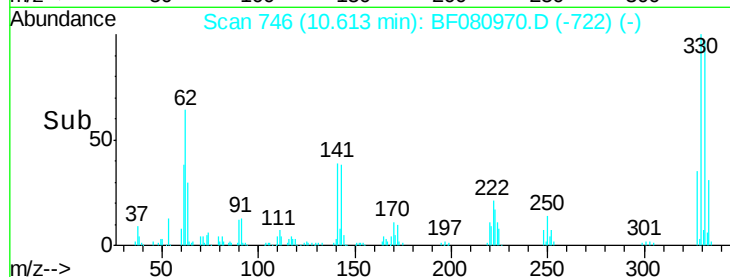
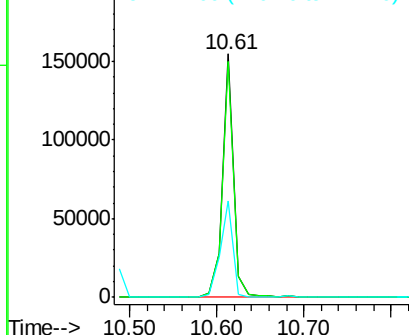


Abundance

Ion 329.80 (329.50 to 330.50): E

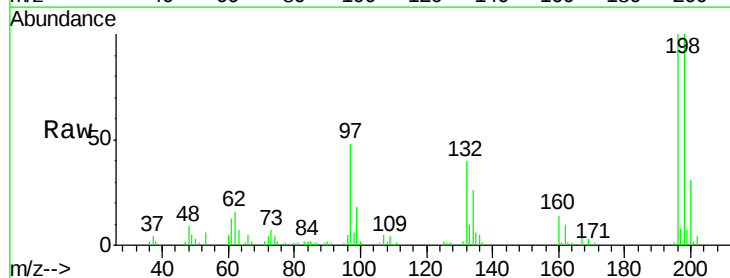
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 31.90 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.0	75.9	113.9
200	31.3	23.1	34.7

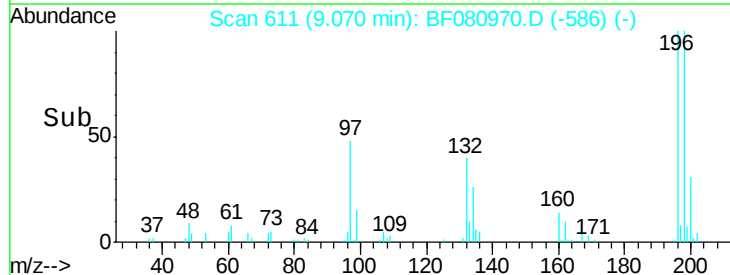
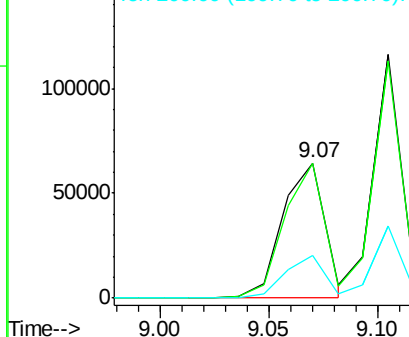


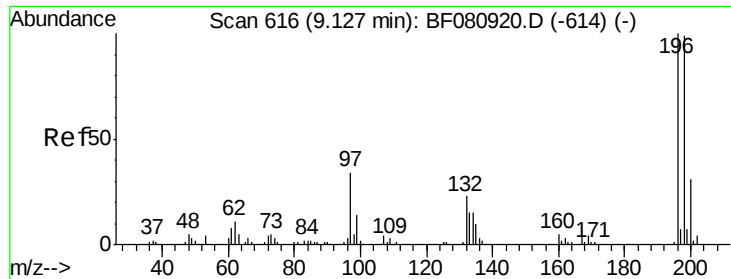
Abundance

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

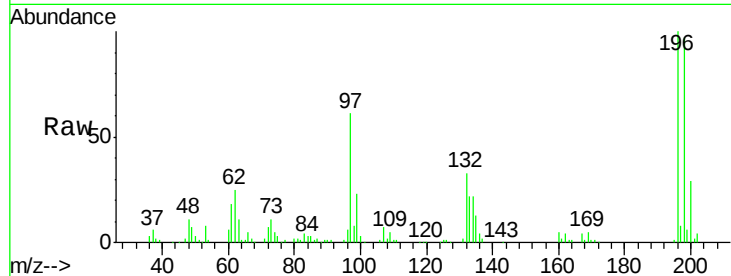




#43
 2,4,5-Trichlorophenol
 Concen: 41.60 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	78.9	118.3
97	61.2	29.1	43.7#
132	32.8	19.1	28.7#



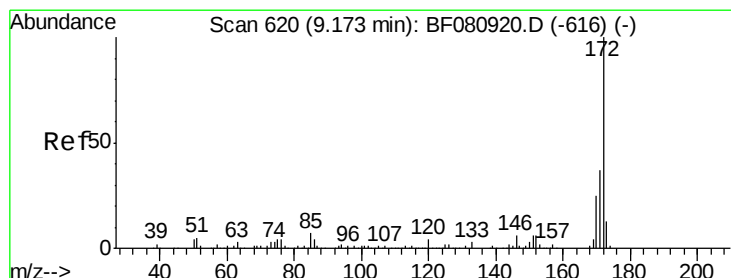
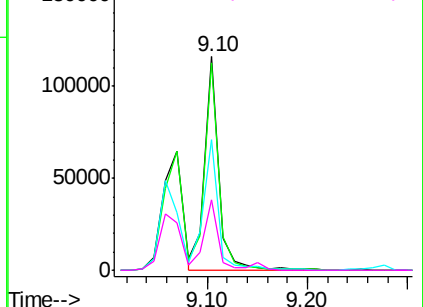
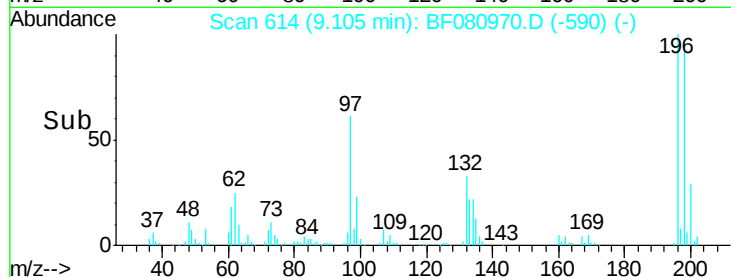
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

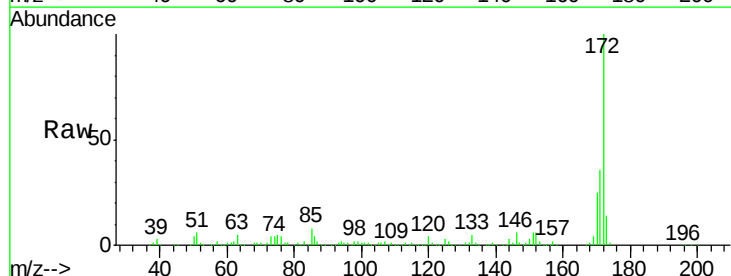
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.32 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.7	19.7	29.5

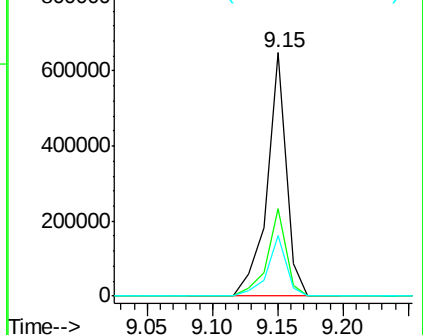
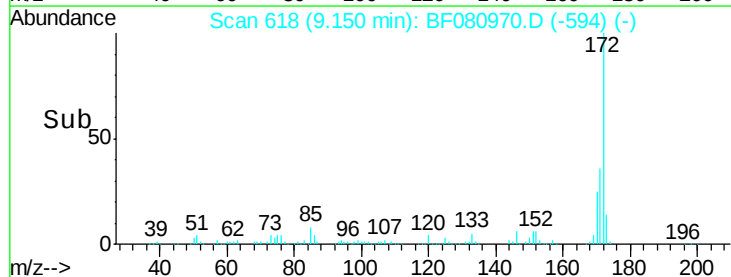


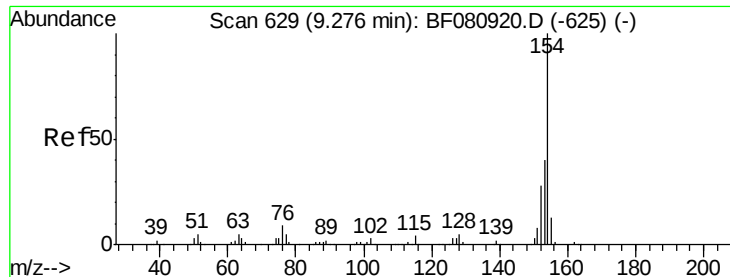
Abundance

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: 42.76 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

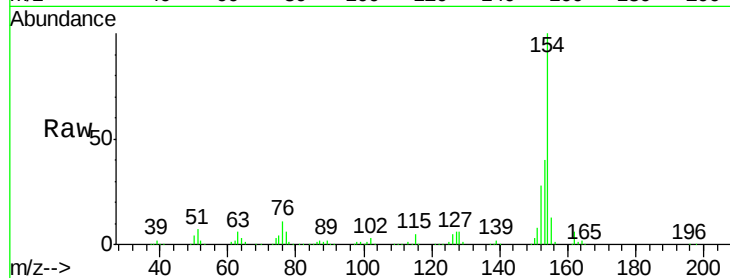
Tot Ion:154 Resp: 443008

Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

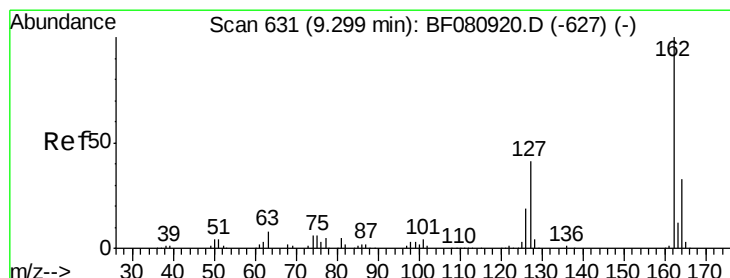
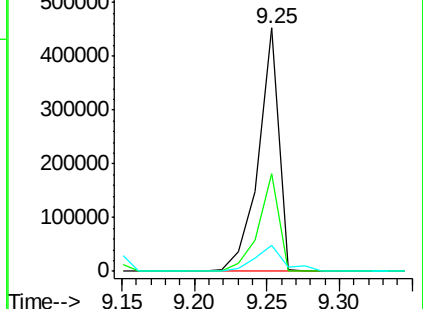
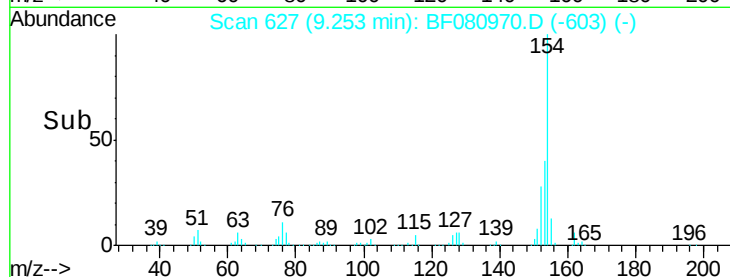
76 10.6 0.0 29.3



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: 40.32 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

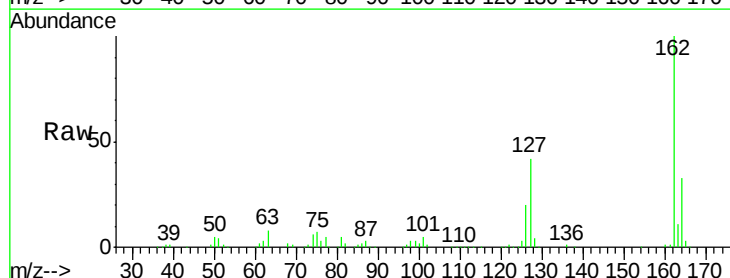
Tgt Ion:162 Resp: 325634

Ion Ratio Lower Upper

162 100

127 41.6 32.5 48.7

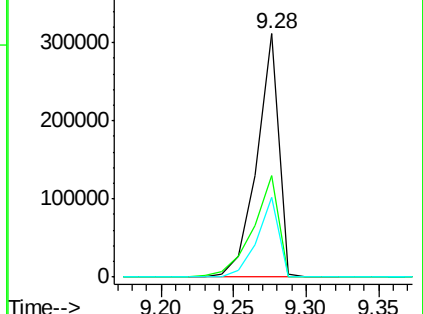
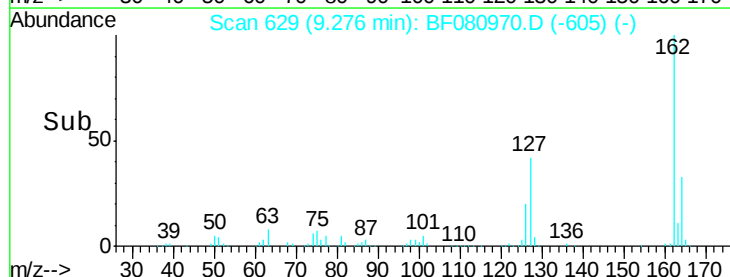
164 32.6 26.2 39.4



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

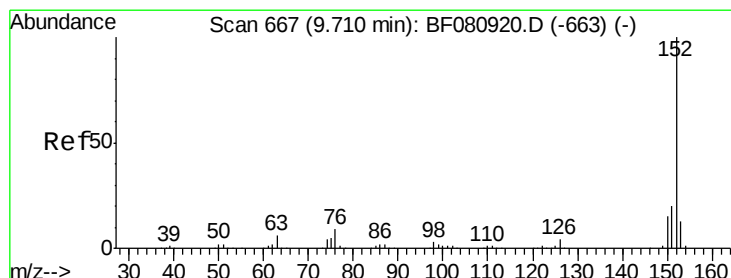
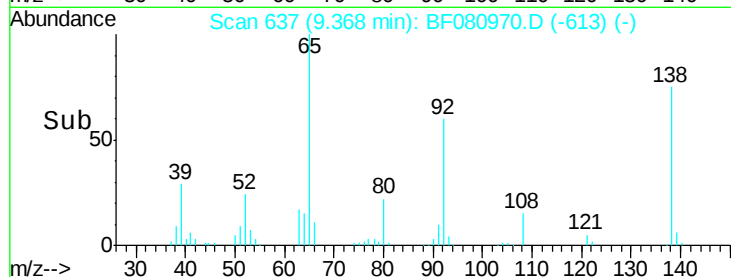
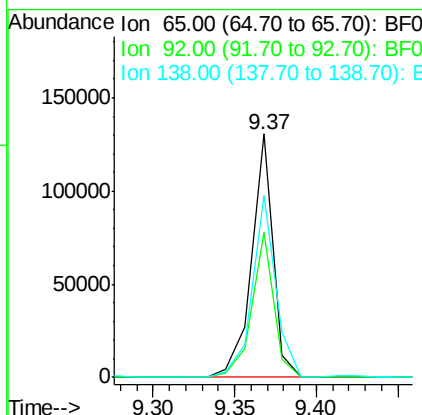
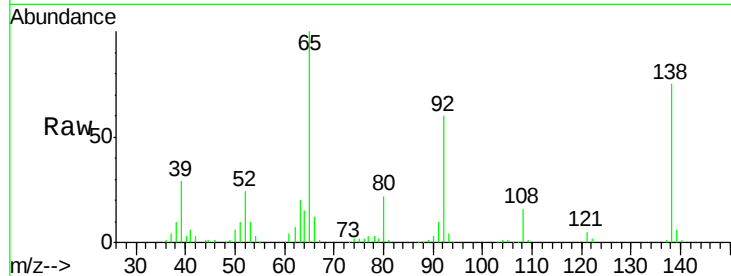




#47
2-Nitroaniline
Concen: 36.91 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

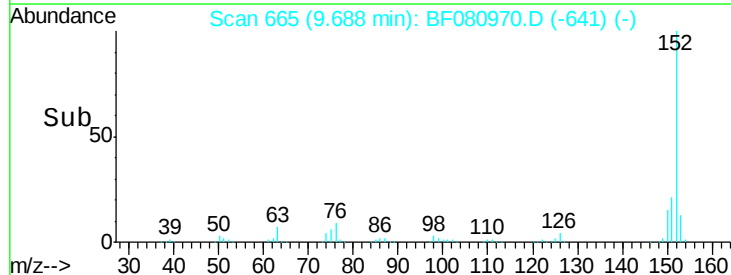
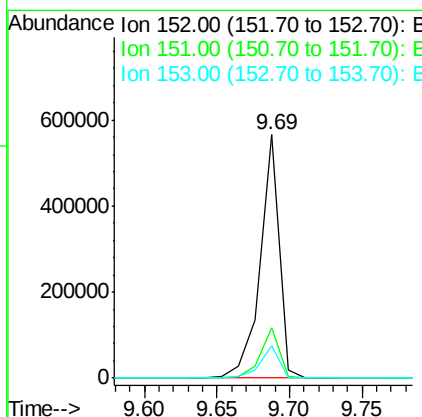
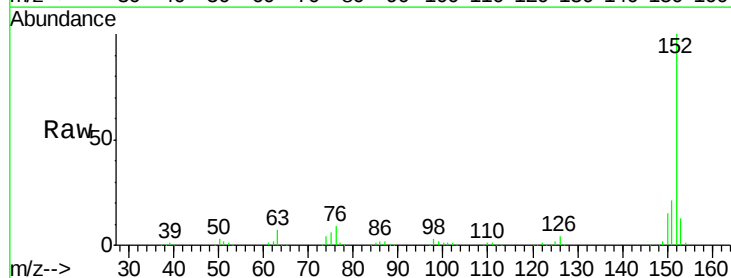
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

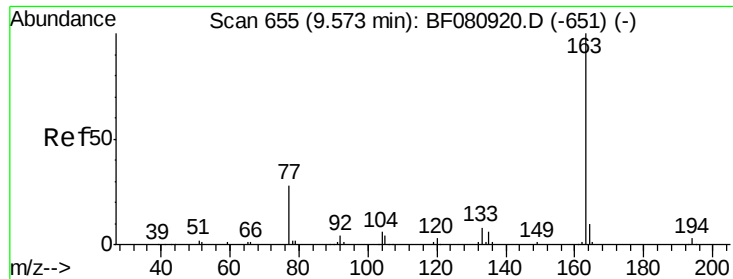
Tot Ion: 65 Resp: 119542
Ion Ratio Lower Upper
65 100
92 59.7 48.0 72.0
138 74.6 66.1 99.1



#48
Acenaphthylene
Concen: 36.69 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion: 152 Resp: 515135
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.3 10.5 15.7





#49

Dimethylphthalate

Concen: 38.08 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleID :

PB84838BSD

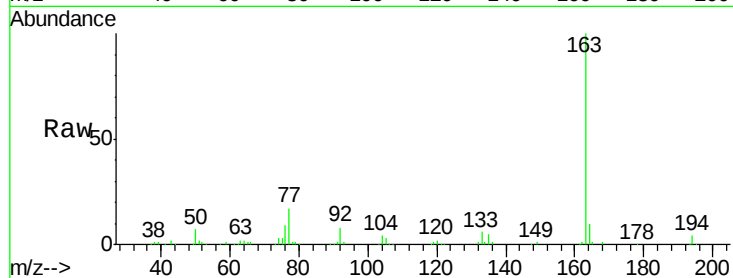
Tot Ion:163 Resp: 381855

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6#

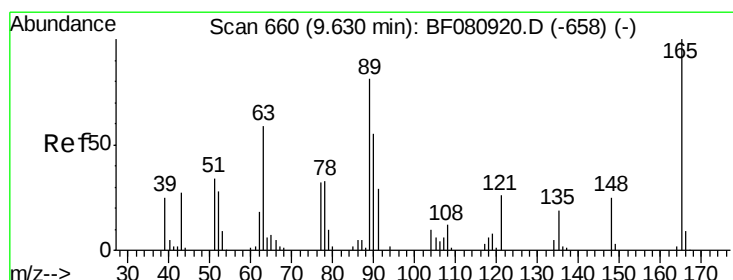
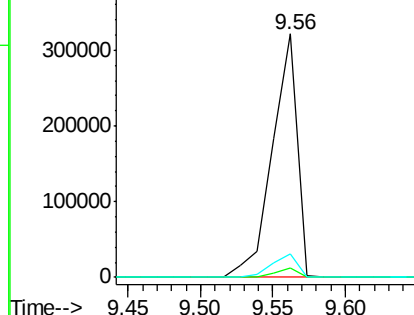
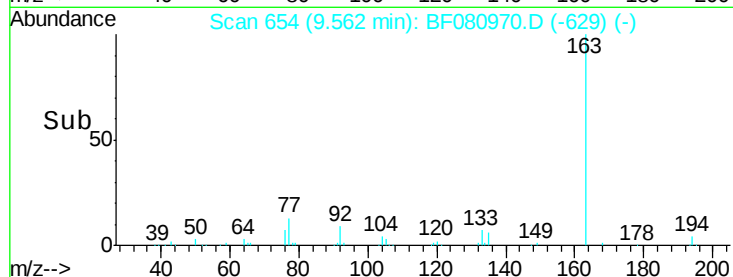
164 9.5 8.2 12.4



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: 40.32 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

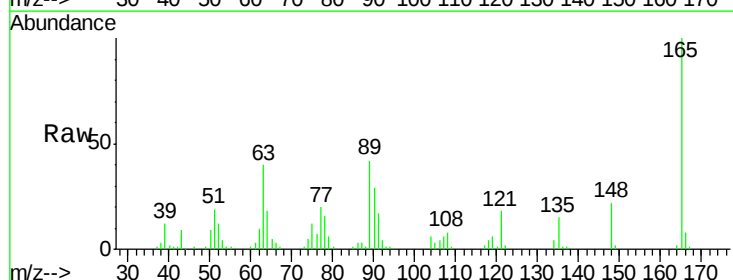
Tgt Ion:165 Resp: 83533

Ion Ratio Lower Upper

165 100

63 39.8 77.6 116.4#

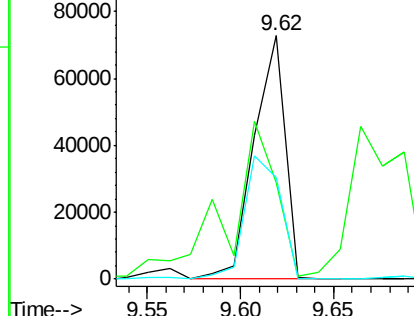
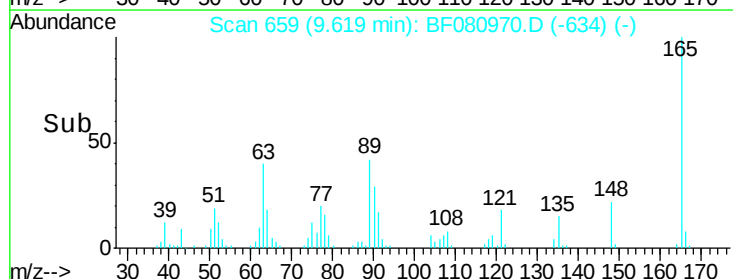
89 41.7 64.5 96.7#



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: 40.75 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

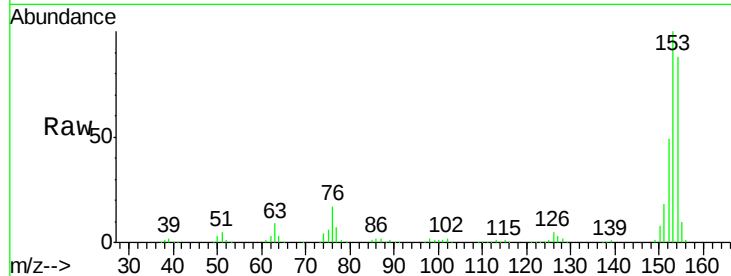
Tot Ion:154 Resp: 350423

Ion Ratio Lower Upper

154 100

153 113.5 91.4 137.2

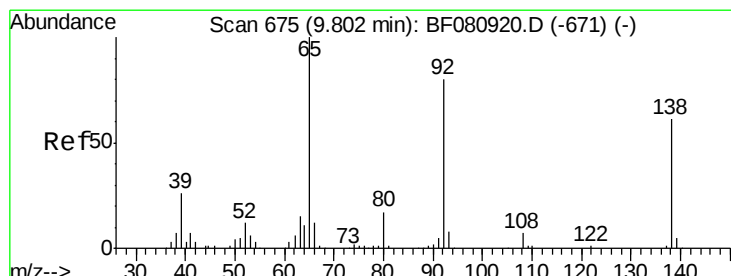
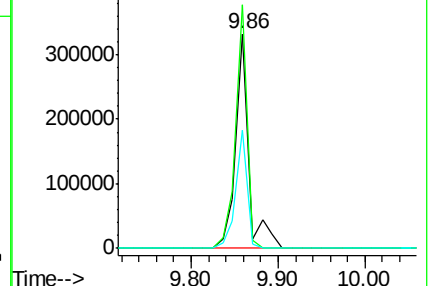
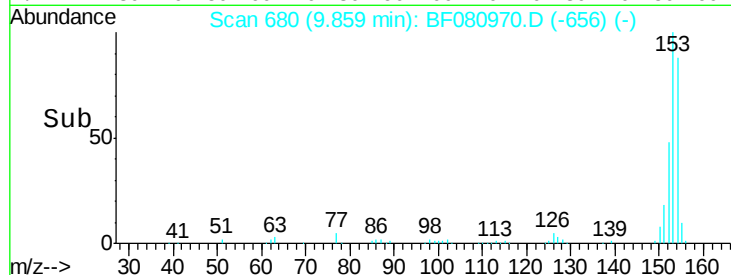
152 55.3 44.2 66.4



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: 23.56 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

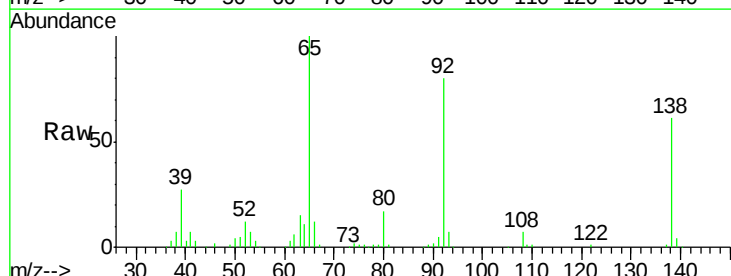
Tgt Ion:138 Resp: 60164

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

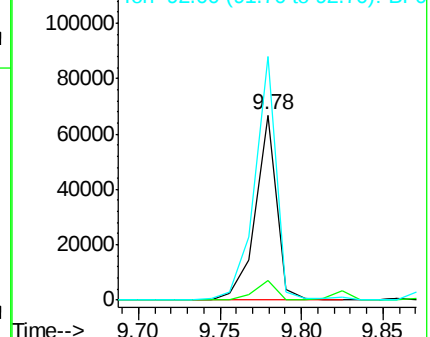
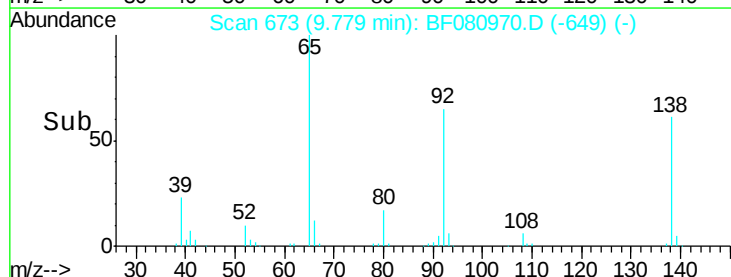
92 131.5 104.4 156.6

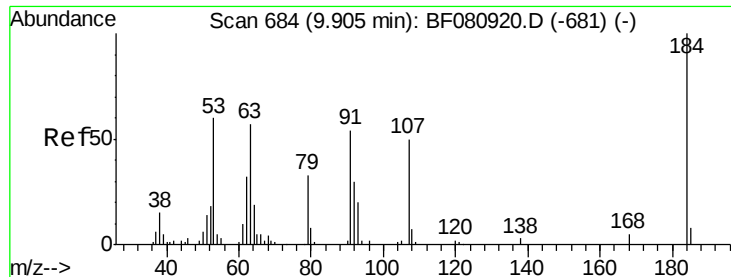


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

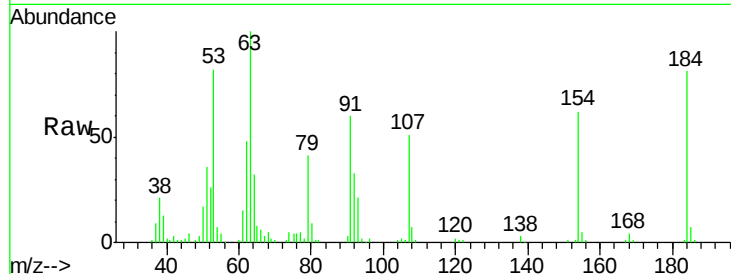




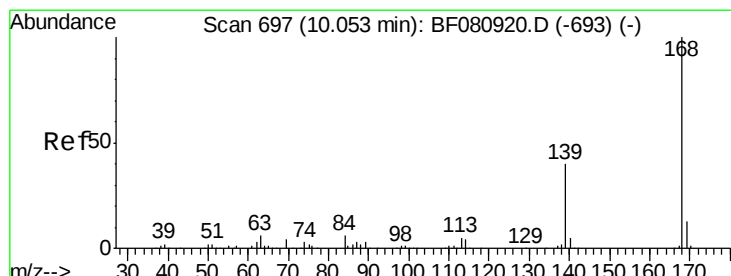
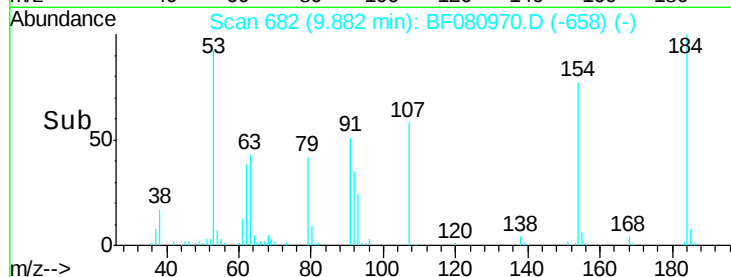
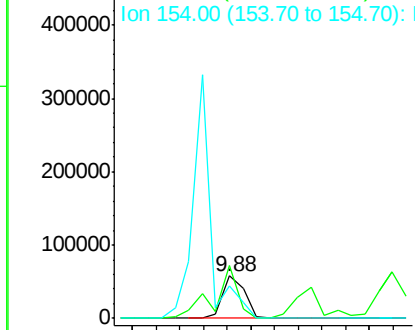
#53
 2,4-Dinitrophenol
 Concen: 60.62 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:184 Resp: 74269
 Ion Ratio Lower Upper
 184 100
 63 124.1 59.7 89.5#
 154 76.8 53.8 80.8

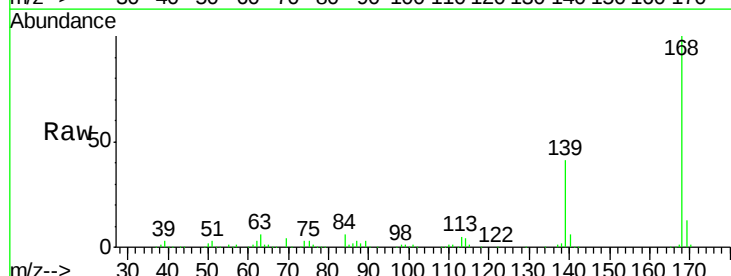


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

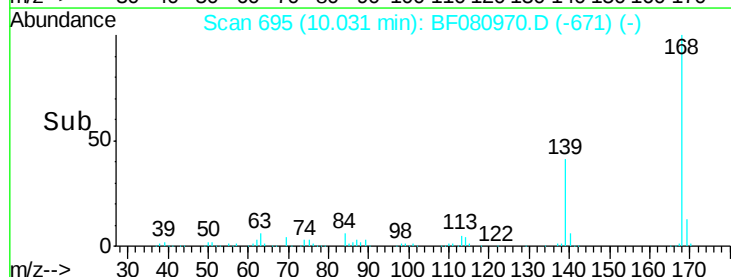
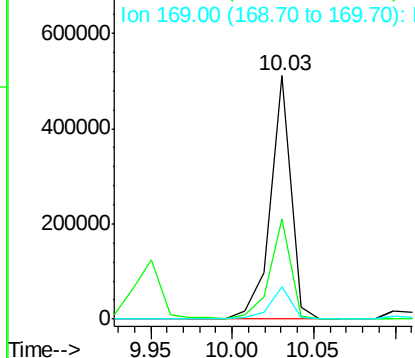


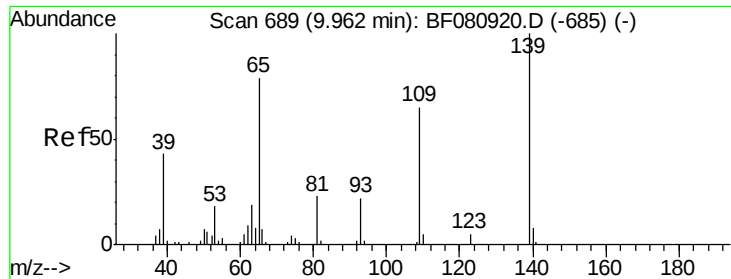
#54
 Dibenzofuran
 Concen: 38.43 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:168 Resp: 446859
 Ion Ratio Lower Upper
 168 100
 139 40.9 31.9 47.9
 169 13.5 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: 77.06 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

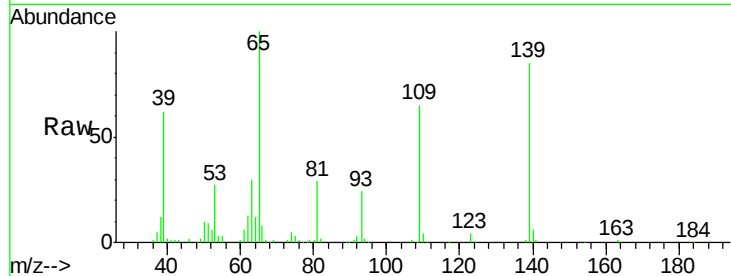
Tot Ion:139 Resp: 147309

Ion Ratio Lower Upper

139 100

109 76.8 44.7 84.7

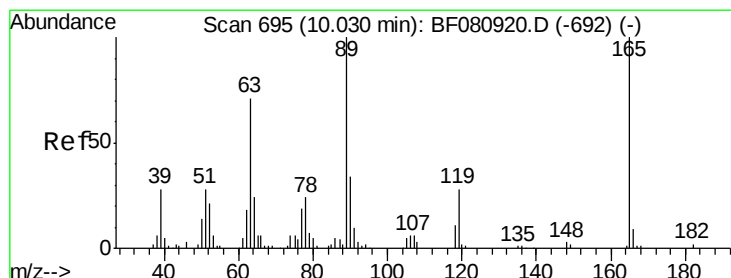
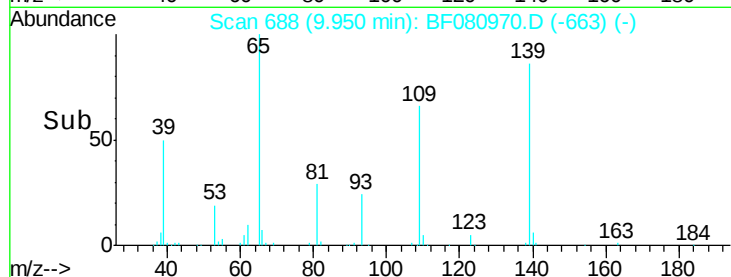
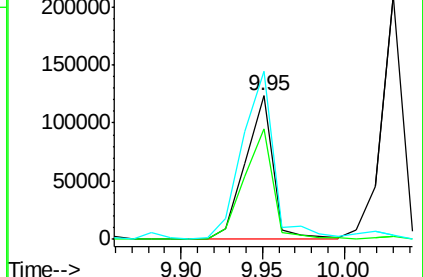
65 117.5 59.5 99.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.01 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Tgt Ion:165 Resp: 119222

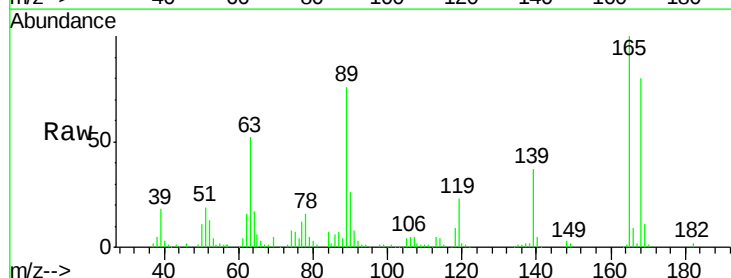
Ion Ratio Lower Upper

165 100

63 52.5 56.7 85.1#

89 75.9 80.4 120.6#

182 2.0 1.5 2.3

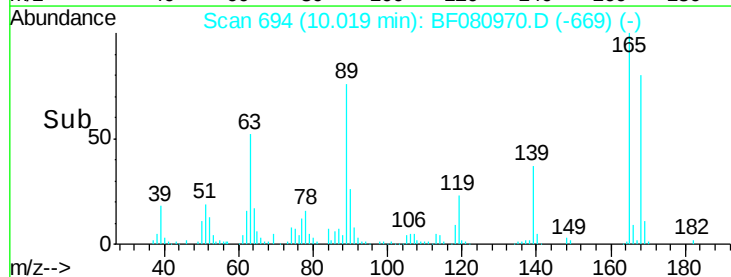
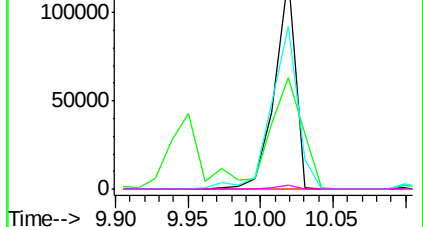


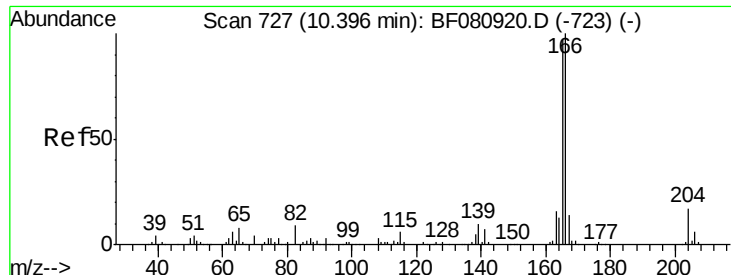
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

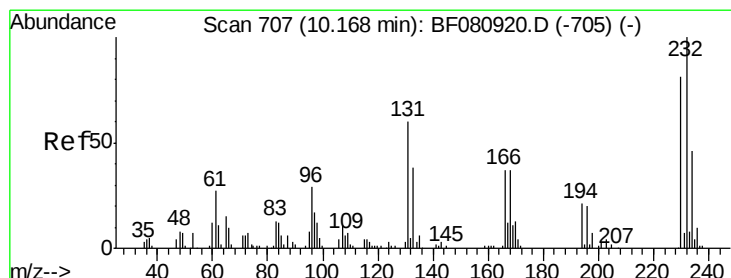
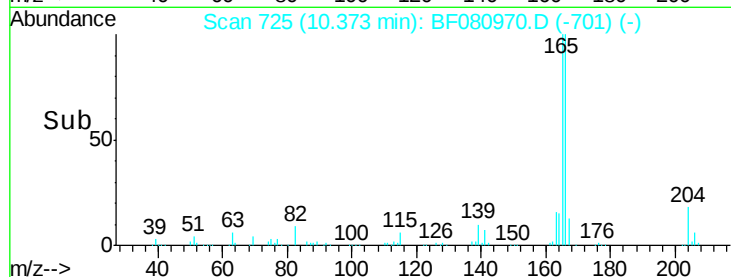
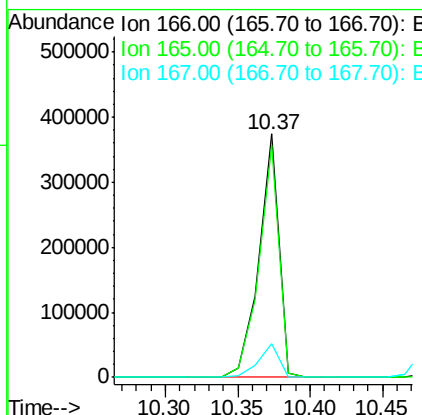
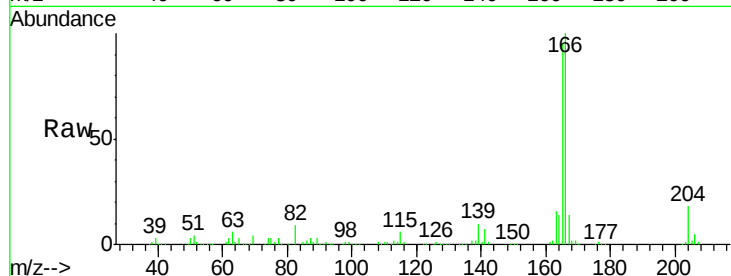




#57
 Fluorene
 Concen: 39.79 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

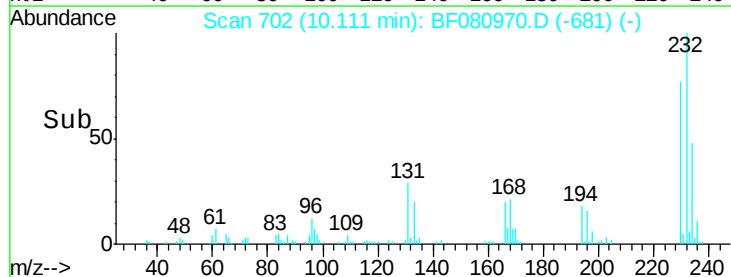
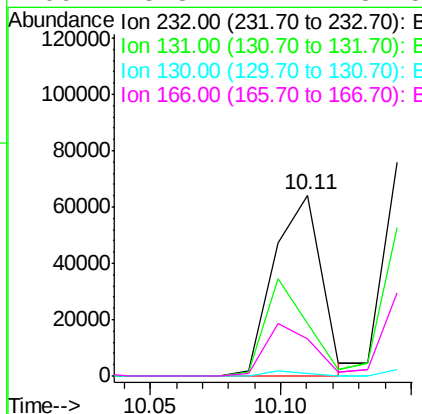
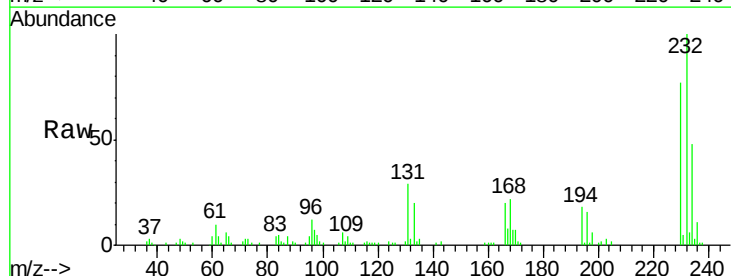
Instrument :
 BNA_F
 ClientSampleID :
 PB84838BSD

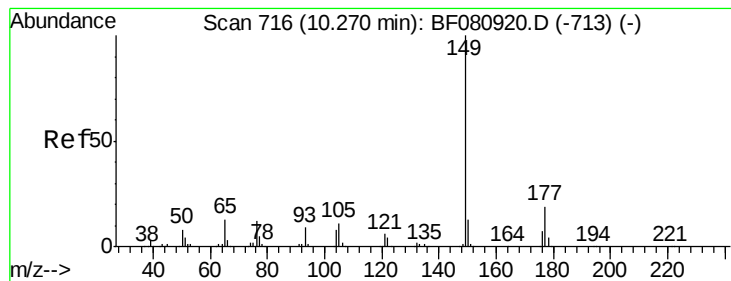
Tot Ion:166 Resp: 357896
 Ion Ratio Lower Upper
 166 100
 165 95.2 77.2 115.8
 167 13.7 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.21 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:232 Resp: 80930
 Ion Ratio Lower Upper
 232 100
 131 48.3 39.4 59.2
 130 2.4 2.1 3.1
 166 28.3 21.7 32.5





#59

Diethylphthalate

Concen: 38.21 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

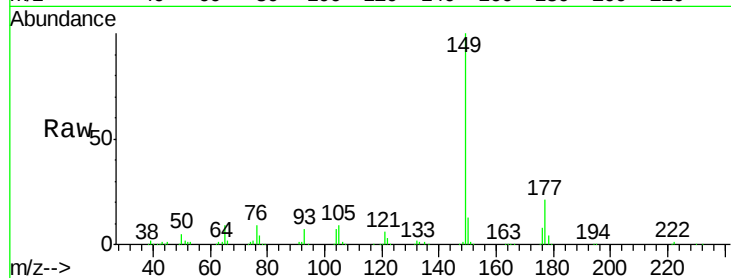
Tot Ion:149 Resp: 398782

Ion Ratio Lower Upper

149 100

177 21.4 15.0 22.4

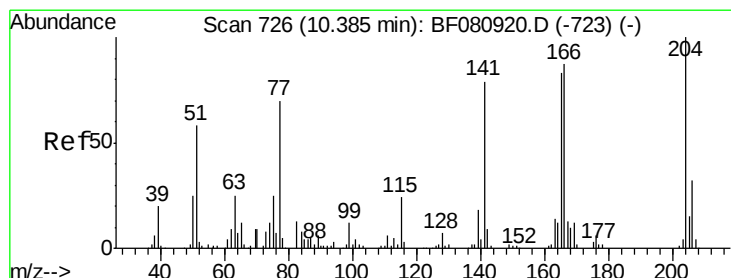
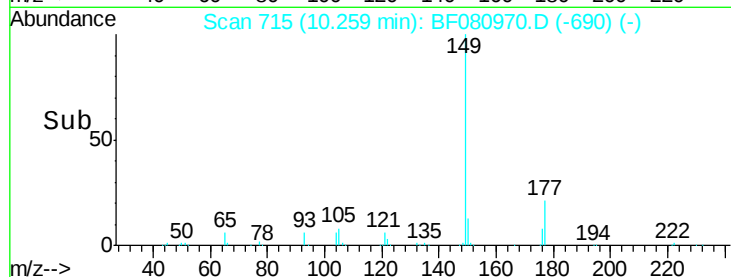
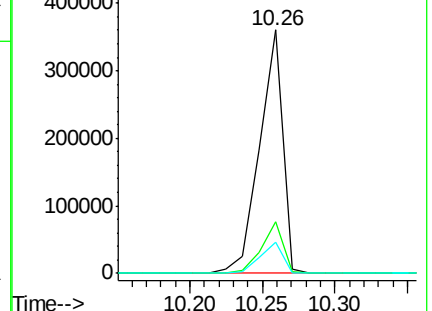
150 12.8 10.4 15.6



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: 33.43 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

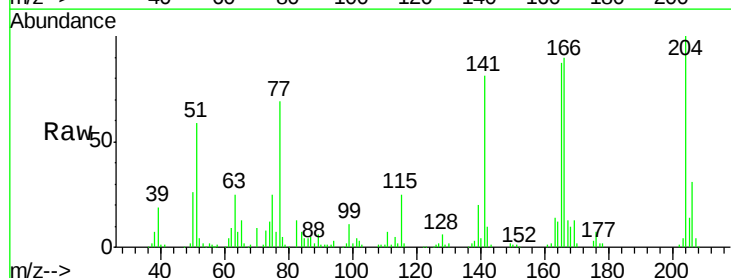
Tgt Ion:204 Resp: 146537

Ion Ratio Lower Upper

204 100

206 31.1 25.5 38.3

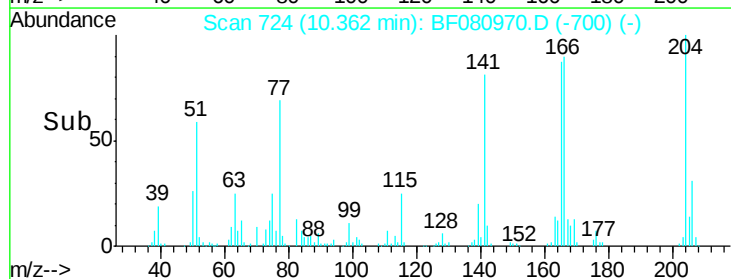
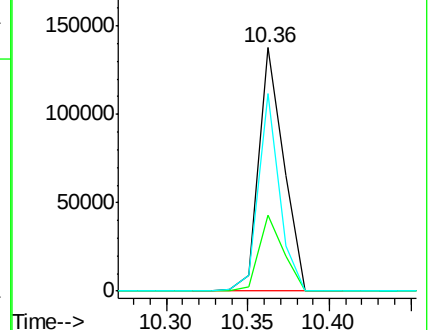
141 81.1 63.4 95.0

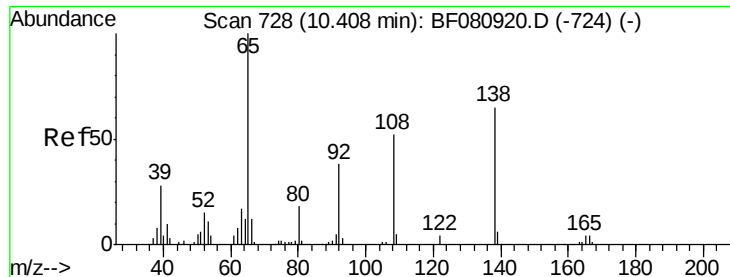


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

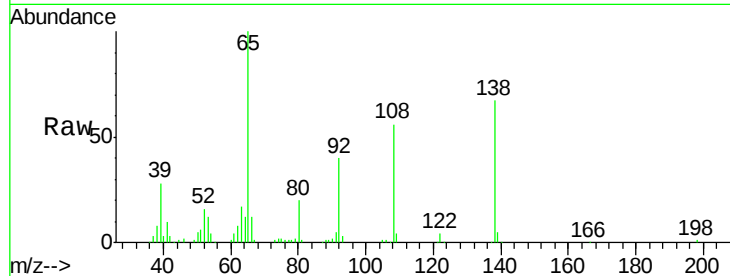




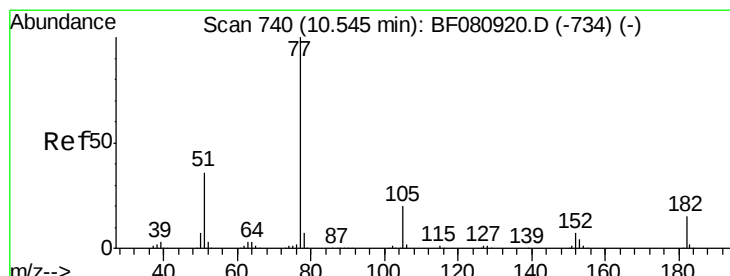
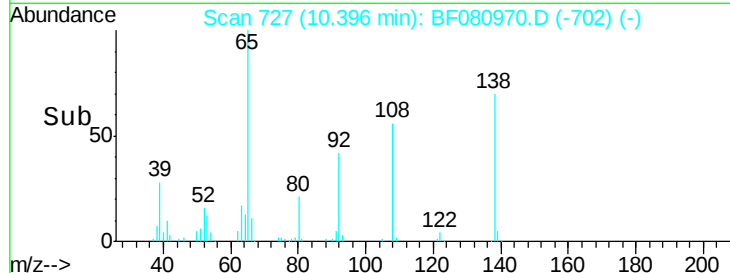
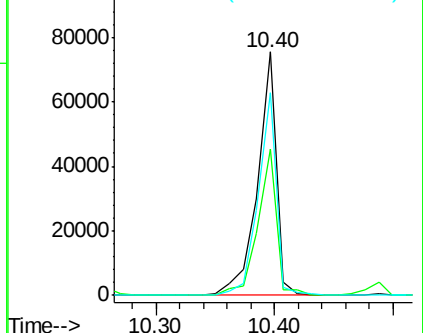
#61
4-Nitroaniline
Concen: 32.10 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:138 Resp: 84362
Ion Ratio Lower Upper
138 100
92 59.9 38.1 78.1
108 83.0 59.9 99.9

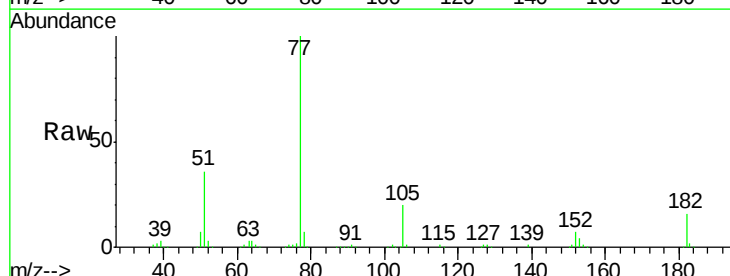


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

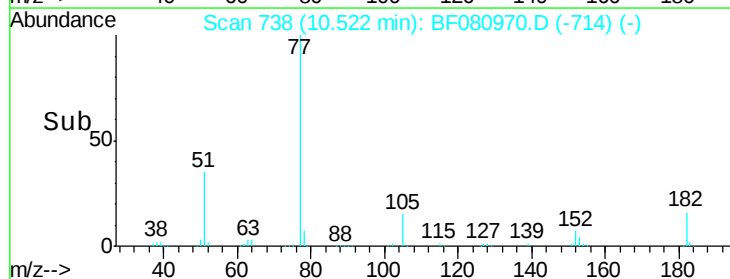
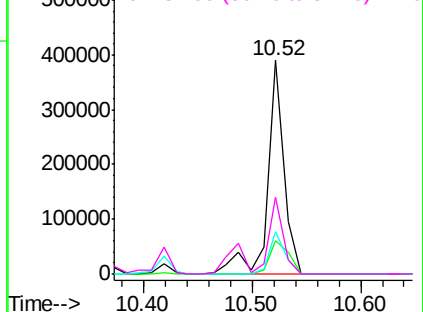


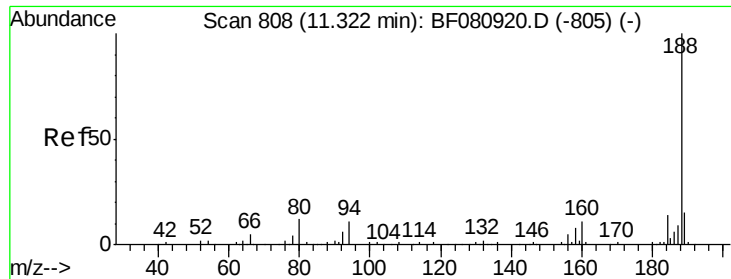
#62
Azobenzene
Concen: 35.37 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion: 77 Resp: 412753
Ion Ratio Lower Upper
77 100
182 15.6 0.0 35.5
105 20.1 0.5 40.5
51 36.2 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

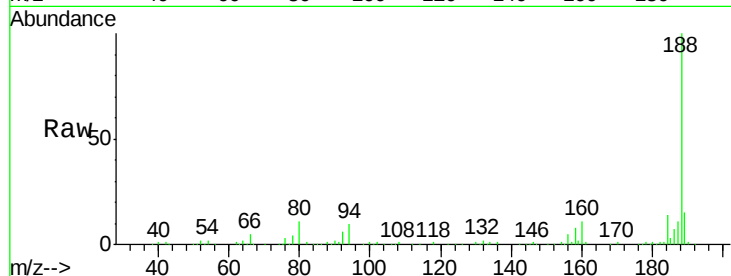




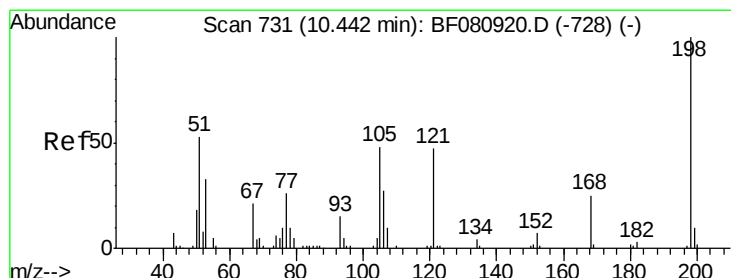
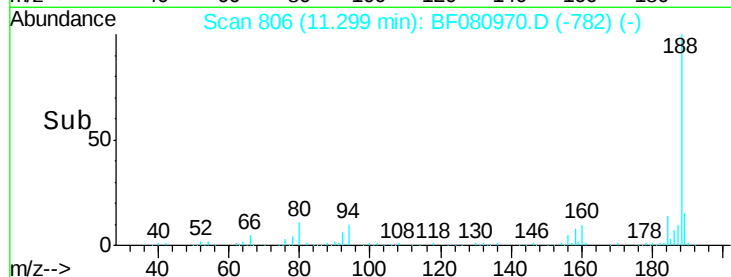
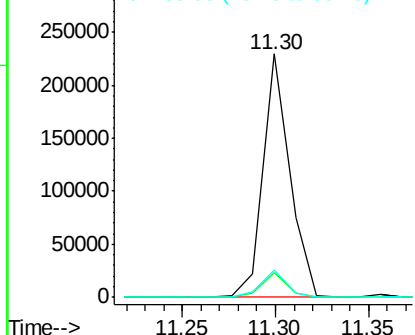
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:188 Resp: 226425
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 11.4 9.5 14.3

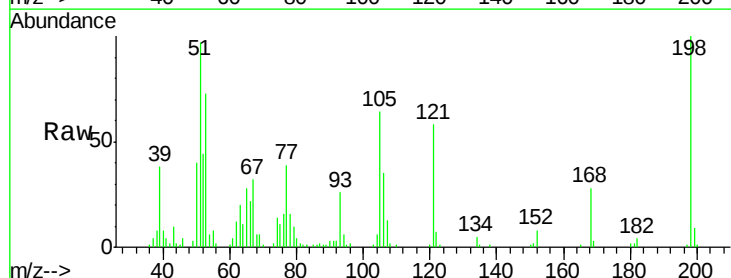


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

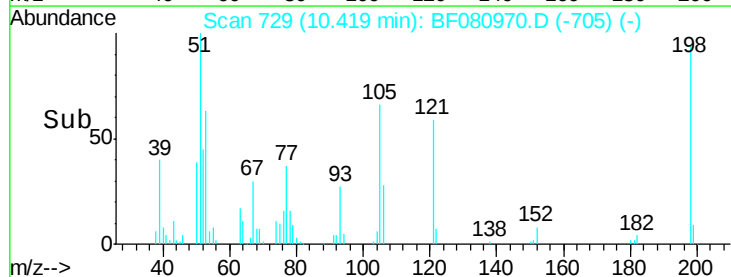
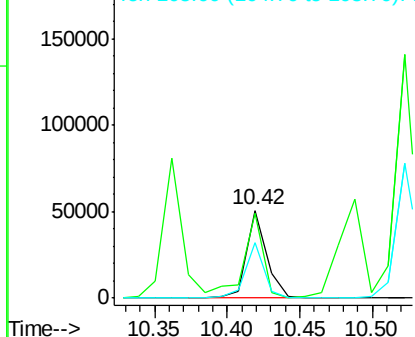


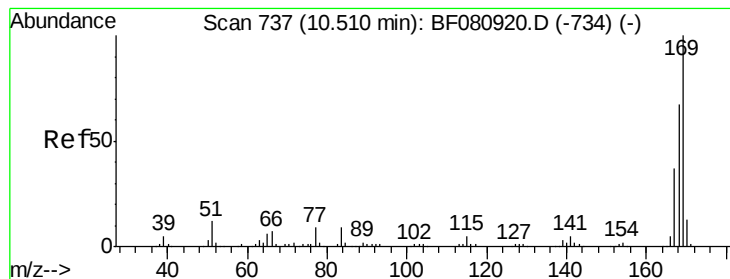
#64
4,6-Dinitro-2-methylphenol
Concen: 34.83 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:198 Resp: 48872
Ion Ratio Lower Upper
198 100
51 96.7 40.3 80.3#
105 63.8 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: 39.57 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

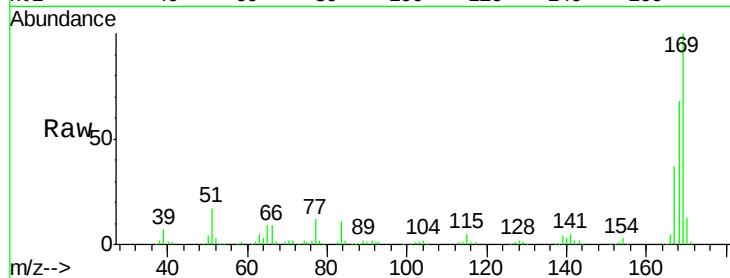
Tot Ion:169 Resp: 311311

Ion Ratio Lower Upper

169 100

168 67.8 53.7 80.5

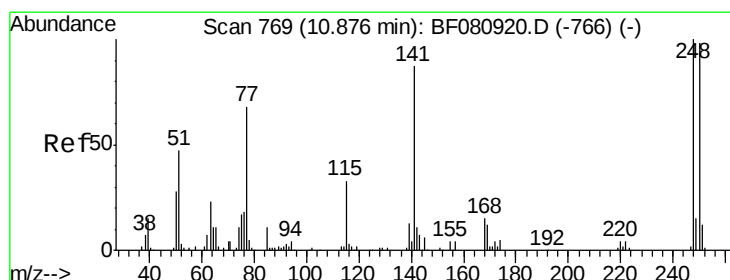
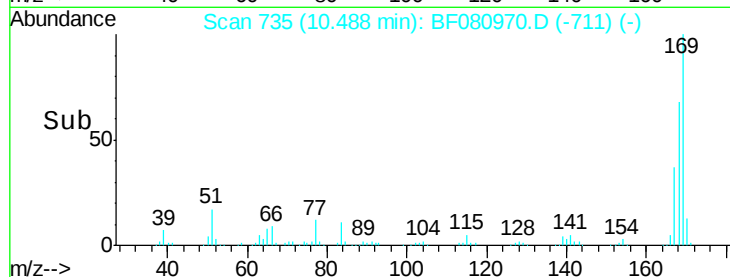
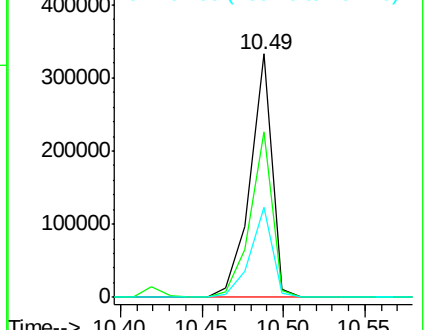
167 37.1 29.3 43.9



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: 39.04 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

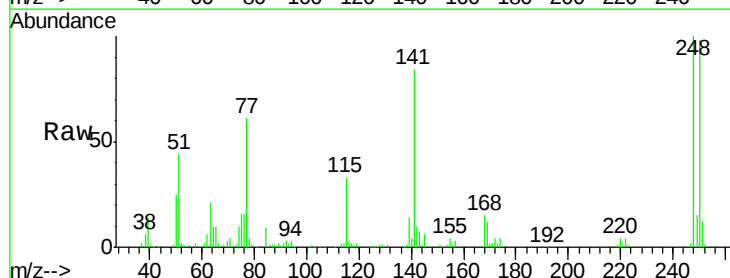
Tgt Ion:248 Resp: 93634

Ion Ratio Lower Upper

248 100

250 97.9 78.1 117.1

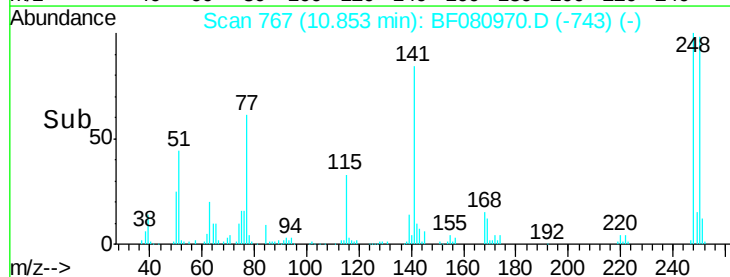
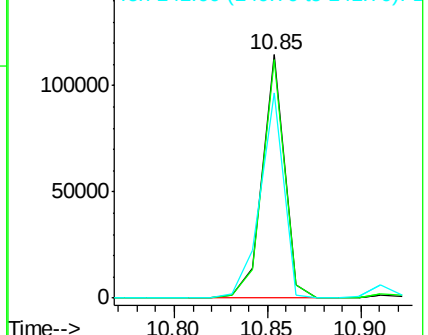
141 84.2 69.6 104.4



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: 37.30 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

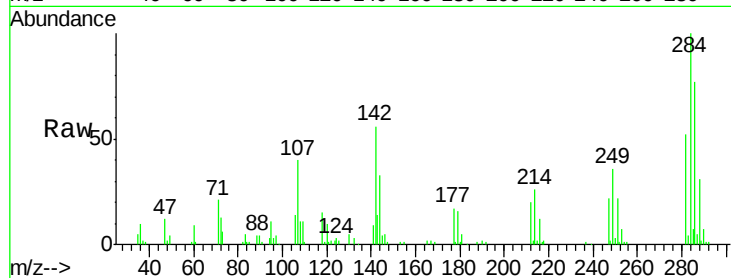
Tot Ion:284 Resp: 99440

Ion Ratio Lower Upper

284 100

142 56.0 12.8 19.2#

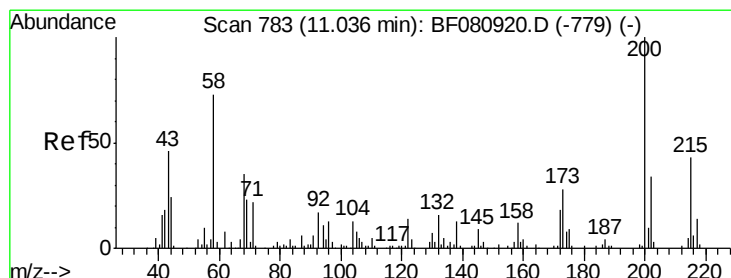
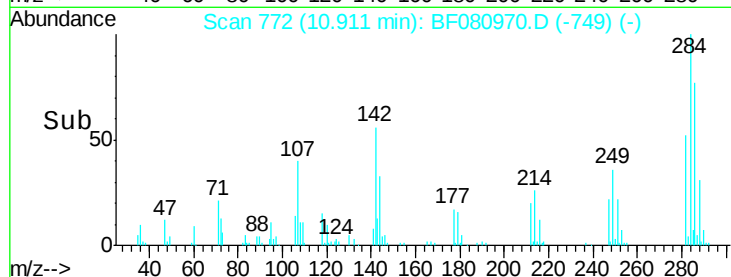
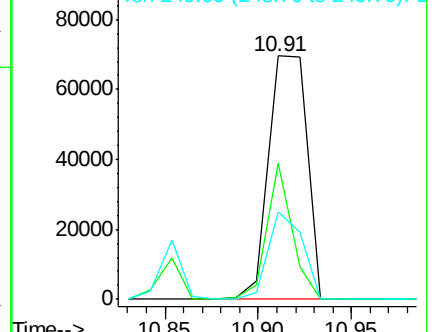
249 36.0 22.5 33.7#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.05 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

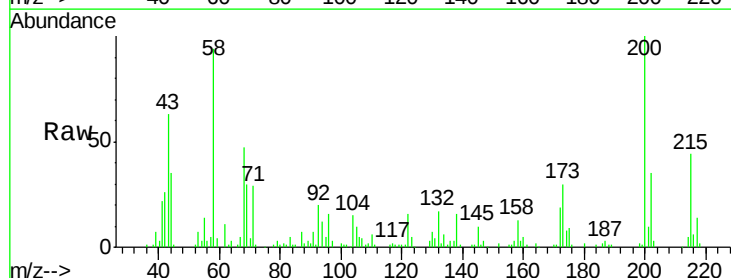
Tgt Ion:200 Resp: 83155

Ion Ratio Lower Upper

200 100

173 30.2 8.4 48.4

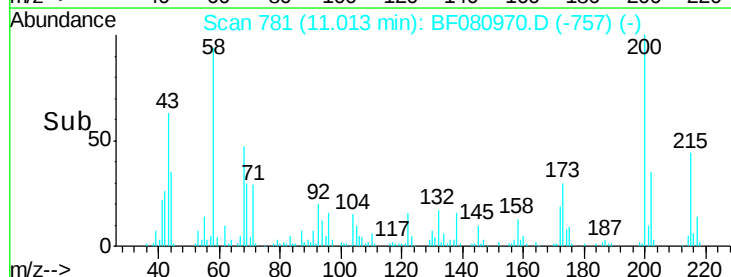
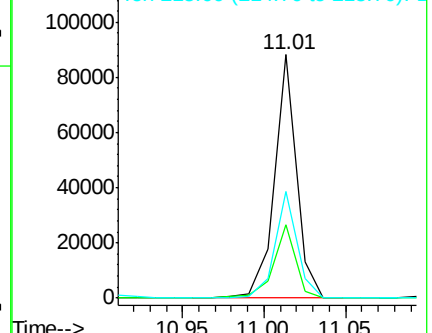
215 43.8 22.7 62.7



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

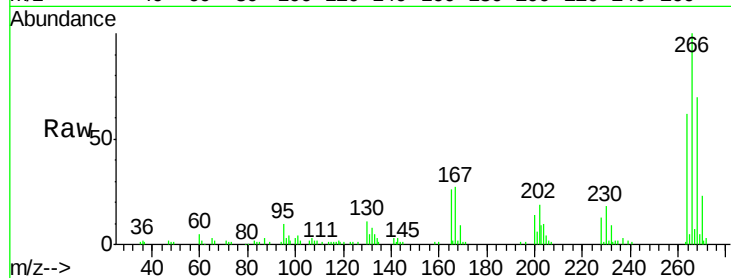




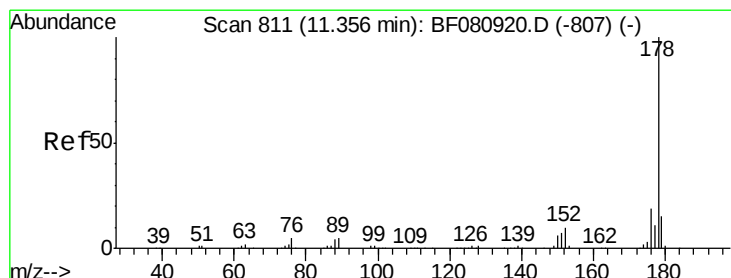
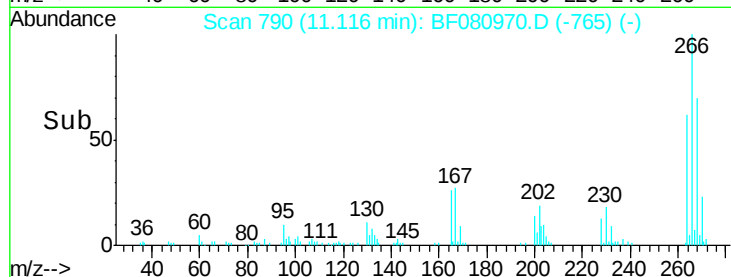
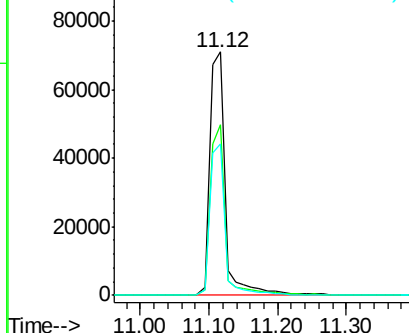
#69
 Pentachlorophenol
 Concen: 73.11 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	70.2	51.6	77.4
264	62.4	50.1	75.1

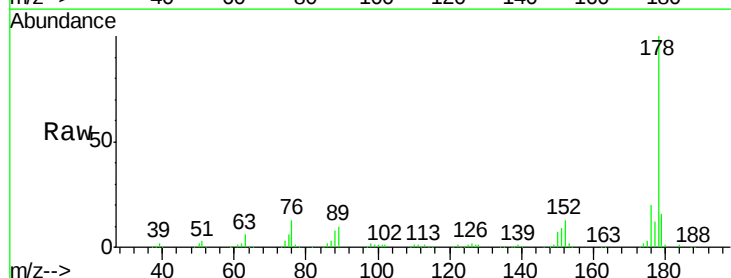


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

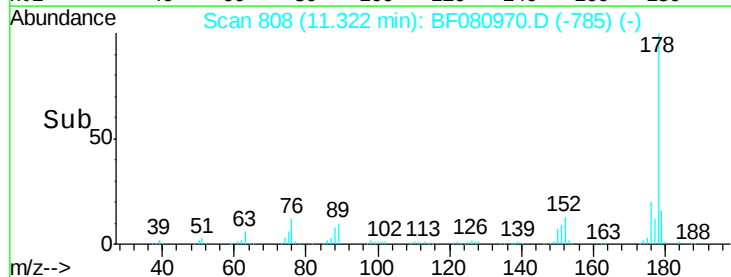
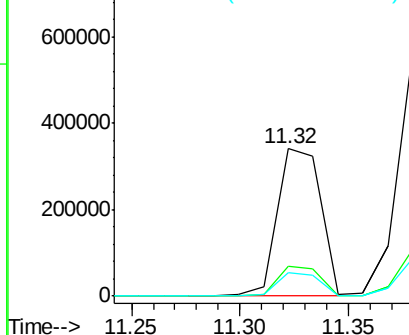


#70
 Phenanthrene
 Concen: 36.94 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	15.6	11.9	17.9



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

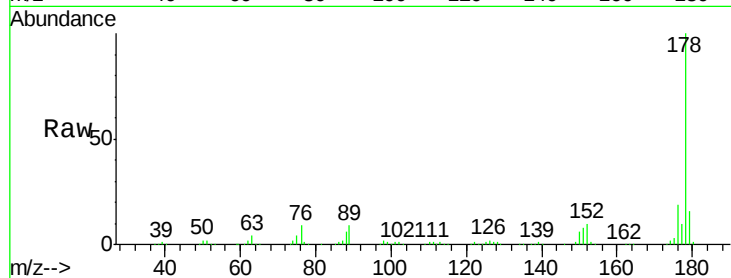




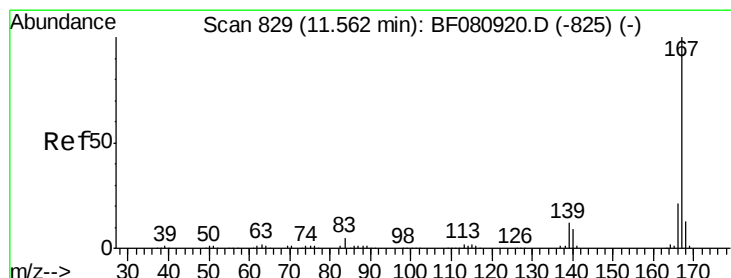
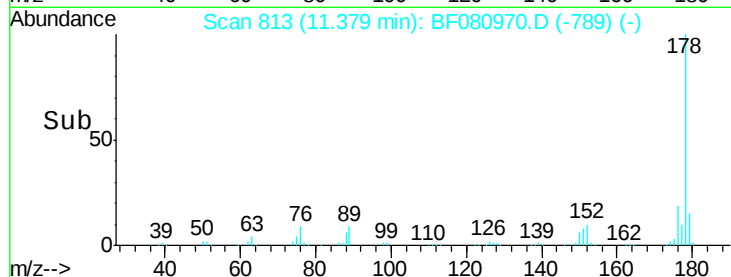
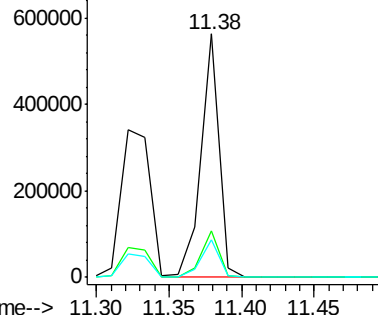
#71
 Anthracene
 Concen: 38.48 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:178 Resp: 488424
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.5 12.6 18.8

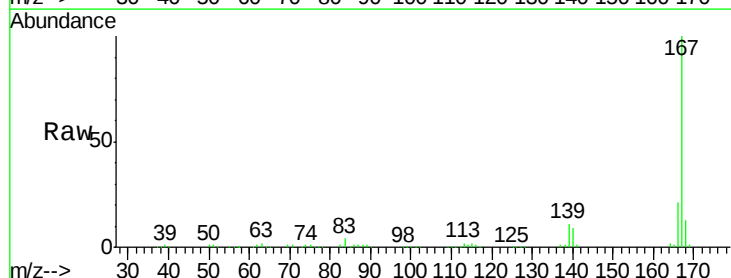


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

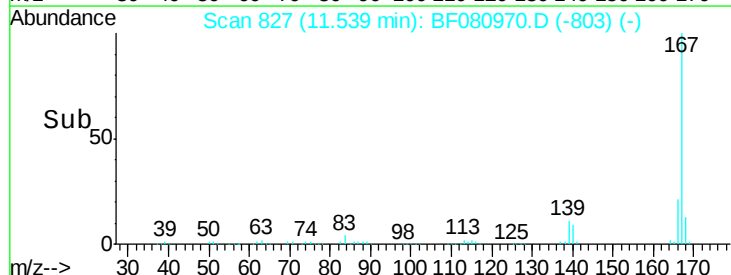
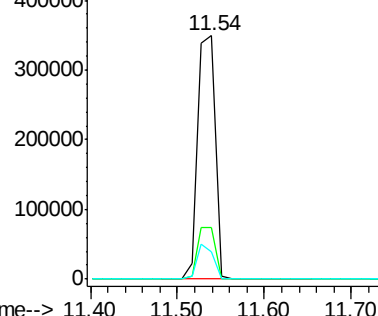


#72
 Carbazole
 Concen: 40.01 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.02 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:167 Resp: 494484
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 11.3 9.2 13.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.35 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

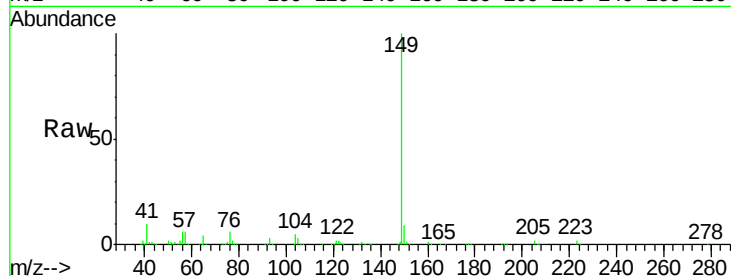
Tot Ion:149 Resp: 577226

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

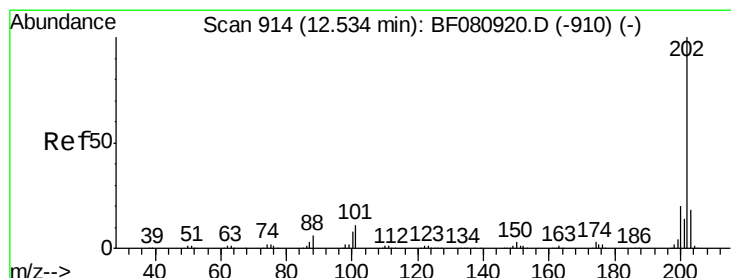
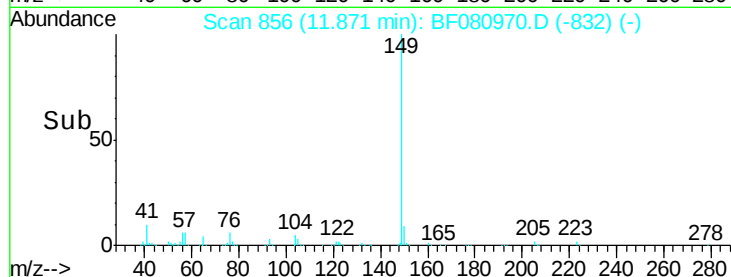
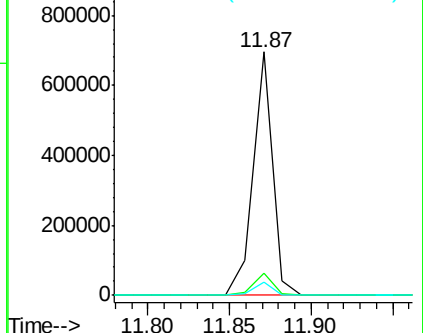
104 5.3 4.4 6.6



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: 42.24 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

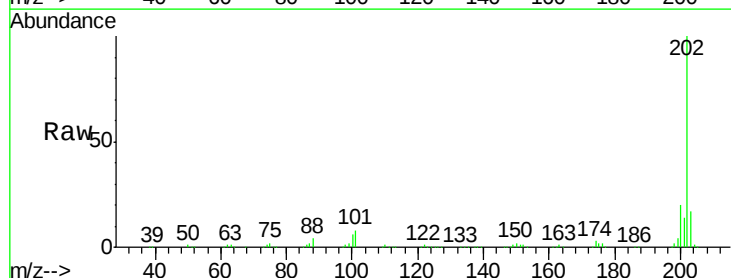
Tgt Ion:202 Resp: 585393

Ion Ratio Lower Upper

202 100

101 7.7 0.0 30.5

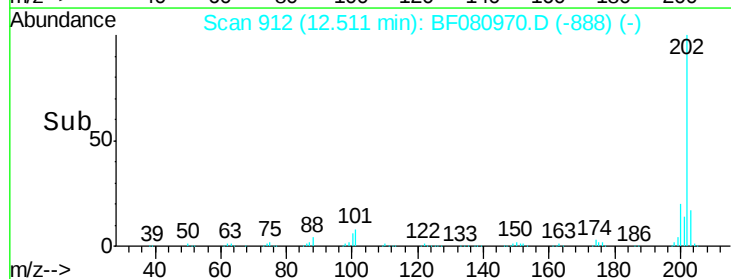
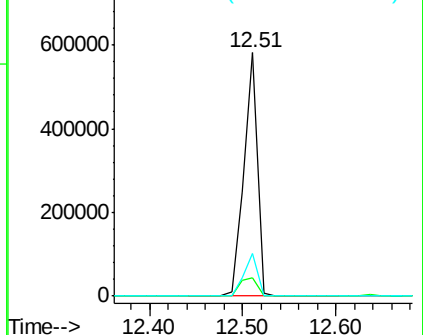
203 17.5 0.0 37.7

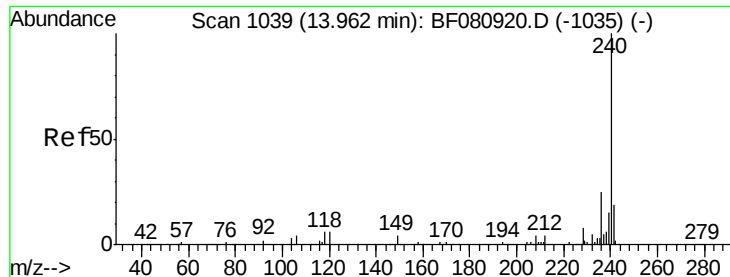


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

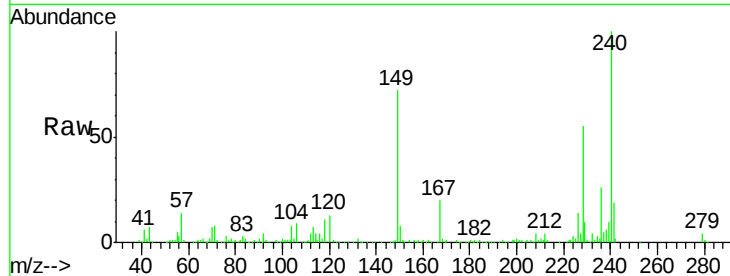
Tot Ion:240 Resp: 192884

Ion Ratio Lower Upper

240 100

120 12.6 5.2 7.8#

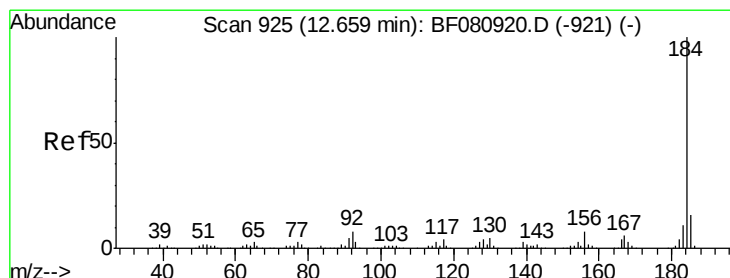
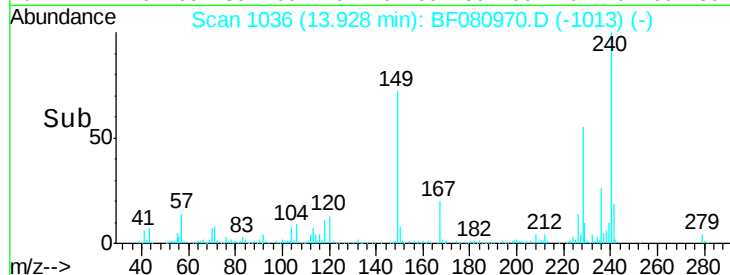
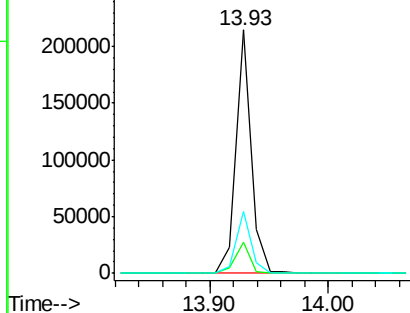
236 25.6 20.2 30.4



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: Below Cal

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

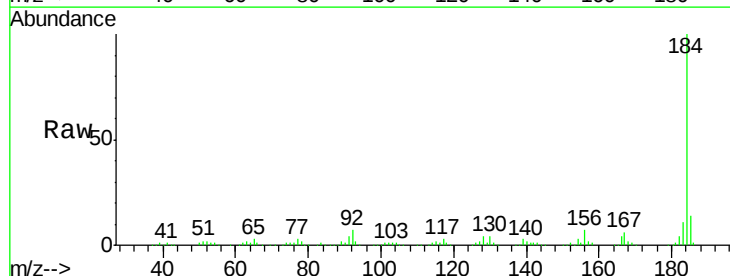
Tgt Ion:184 Resp: 383401

Ion Ratio Lower Upper

184 100

185 14.2 13.0 19.4

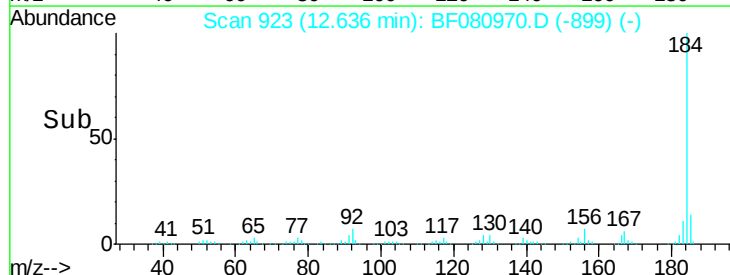
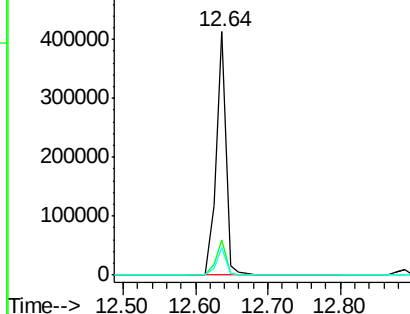
183 11.1 8.7 13.1

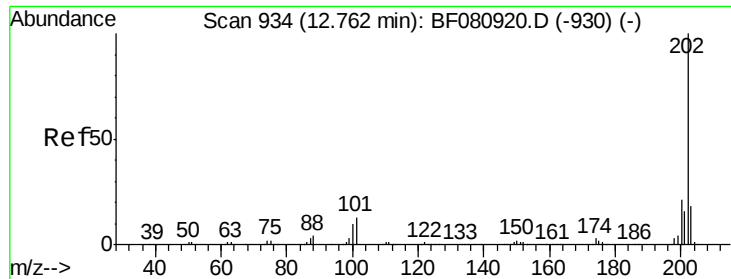


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

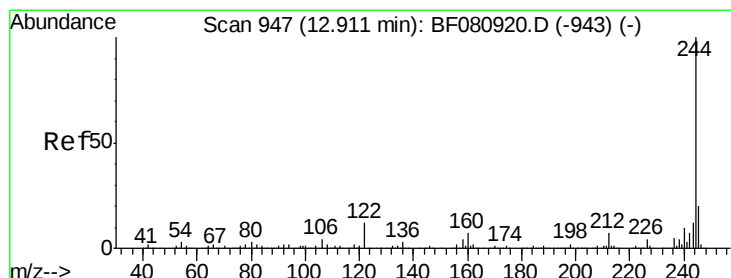
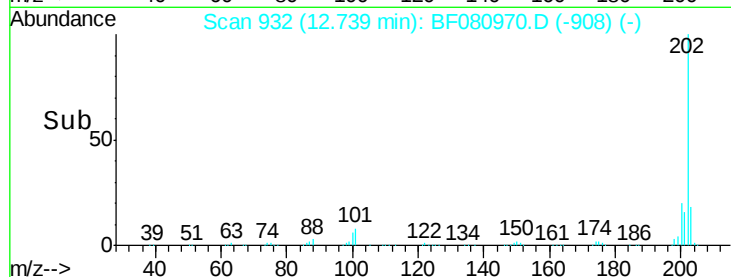
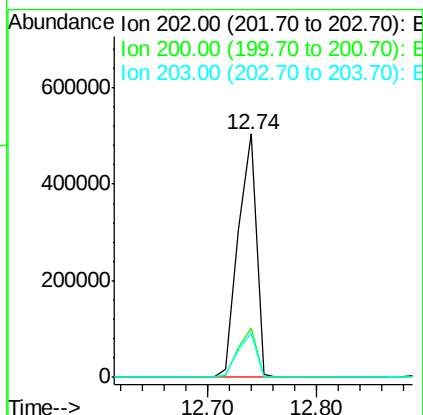
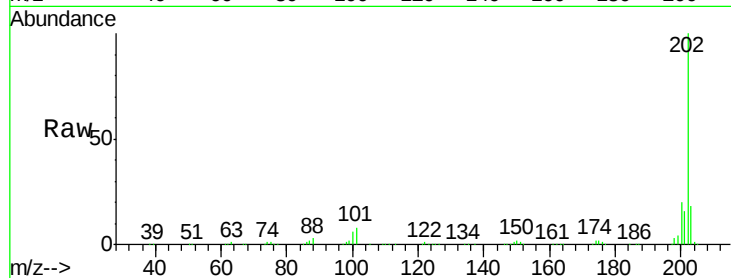




#77
Pvrene
Concen: 40.26 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

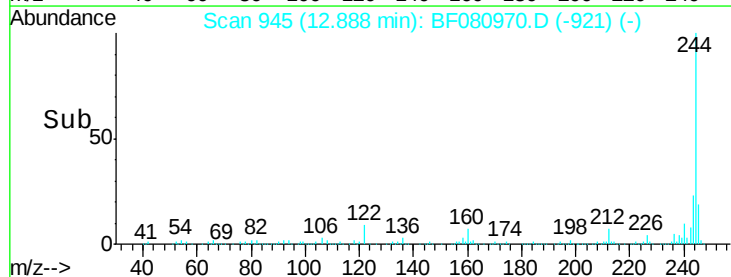
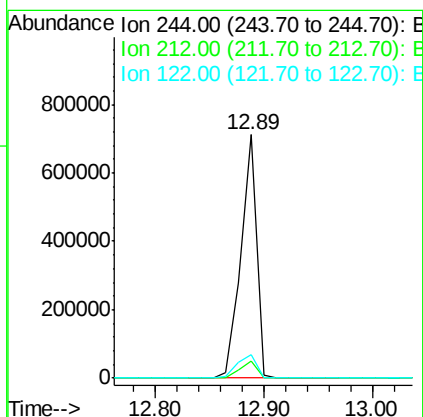
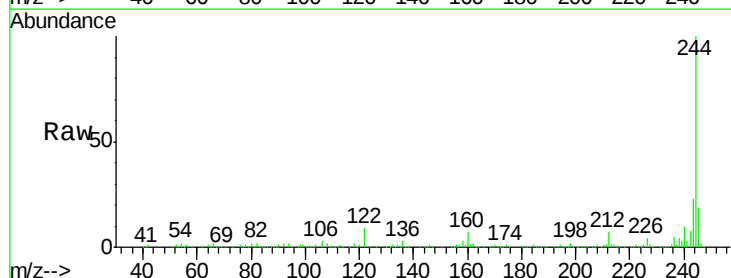
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

Tot Ion:202 Resp: 573729
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 18.0 14.2 21.2



#78
Terphenyl-d14
Concen: 75.01 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:244 Resp: 700485
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.5 9.4 14.2

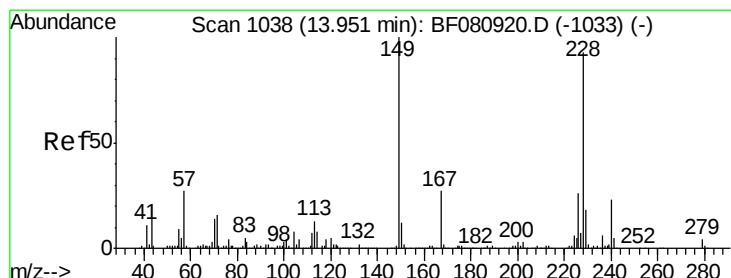
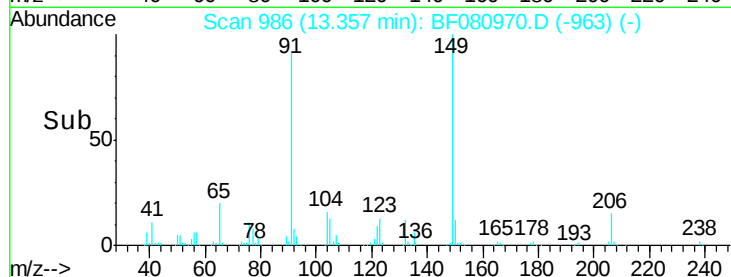
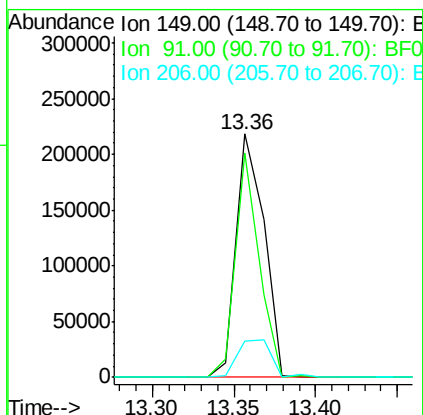
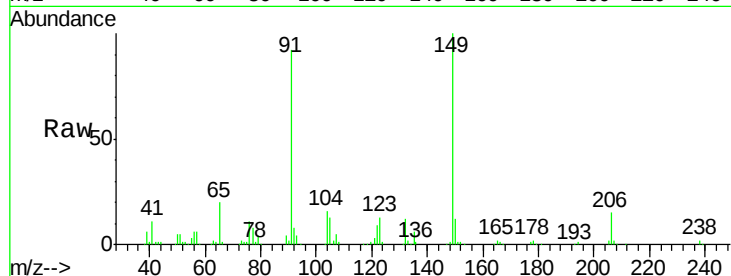




#79
Butylbenzylphthalate
Concen: 37.47 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

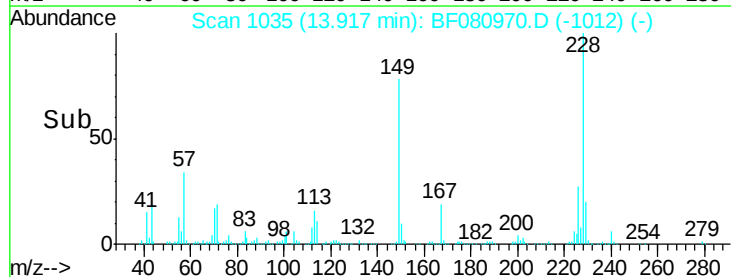
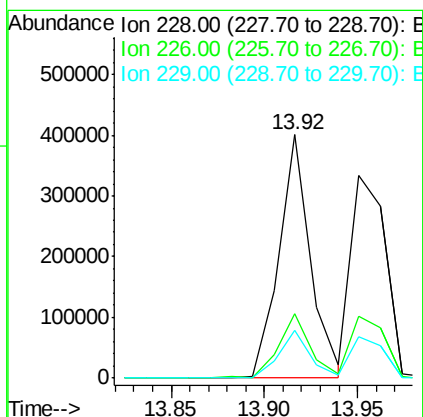
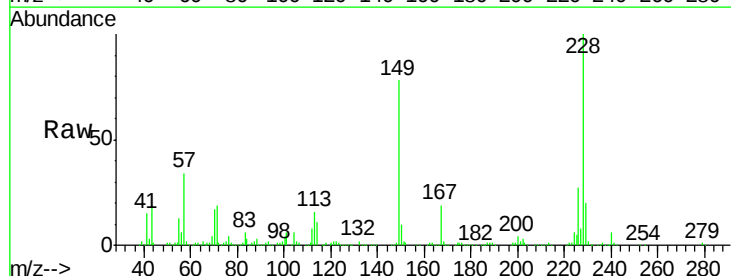
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

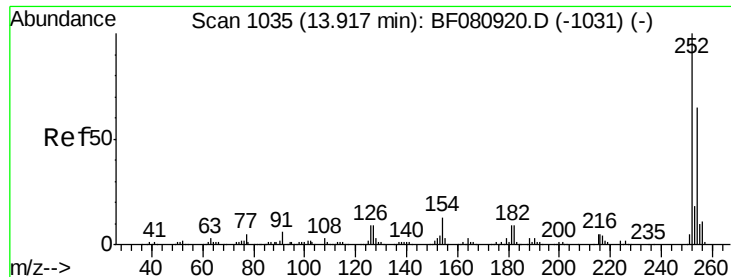
Tot Ion:149 Resp: 257391
Ion Ratio Lower Upper
149 100
91 92.3 47.2 70.8#
206 15.1 16.5 24.7#



#80
Benzo(a)anthracene
Concen: 38.70 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:228 Resp: 471485
Ion Ratio Lower Upper
228 100
226 26.6 22.2 33.2
229 19.6 15.8 23.6

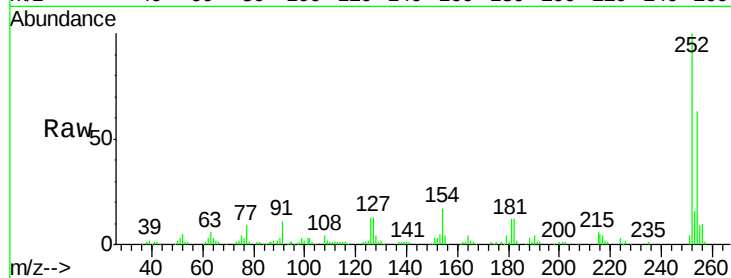




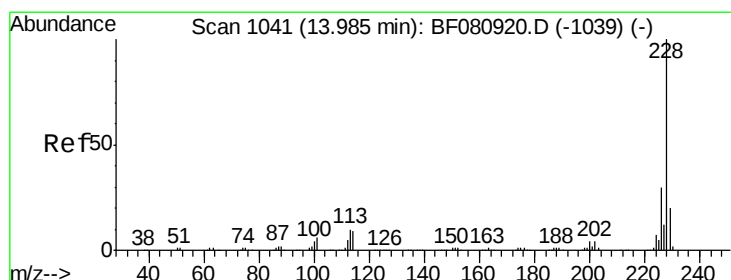
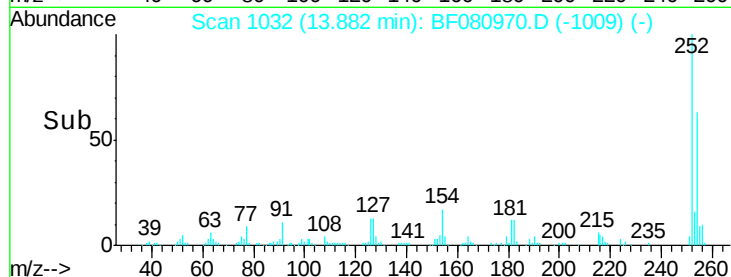
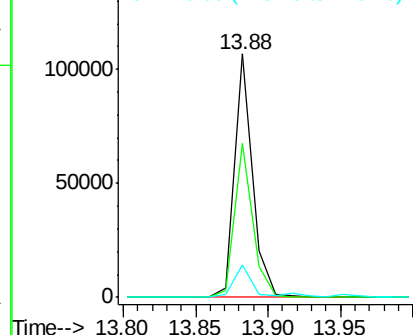
#81
 3,3'-Dichlorobenzidine
 Concen: 20.66 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion:252 Resp: 91553
 Ion Ratio Lower Upper
 252 100
 254 63.5 51.7 77.5
 126 13.3 7.1 10.7#

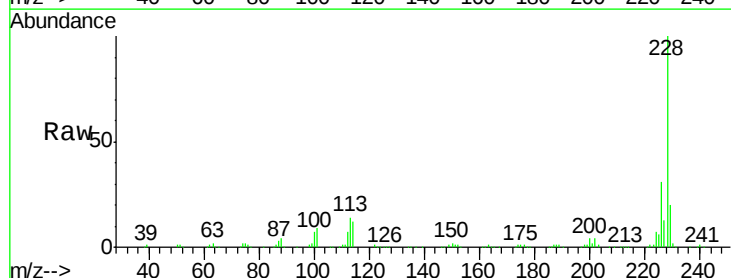


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

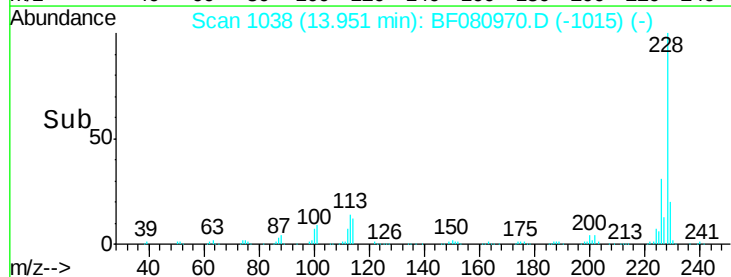
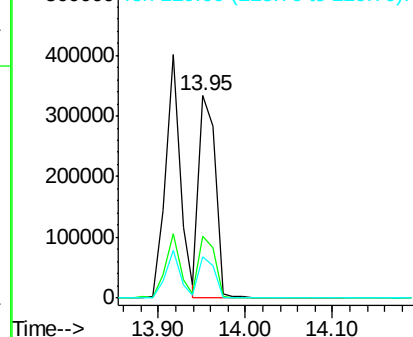


#82
 Chrysene
 Concen: 37.23 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion:228 Resp: 434366
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.9 35.9
 229 20.5 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: 34.88 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

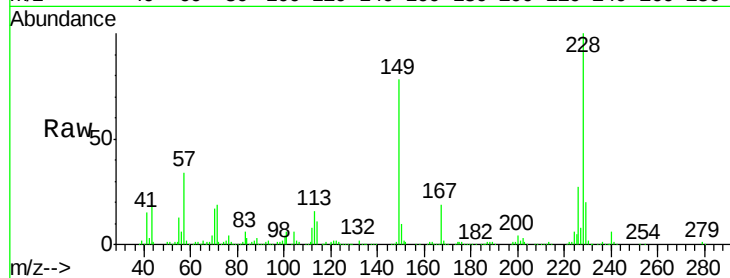
Tot Ion:149 Resp: 333397

Ion Ratio Lower Upper

149 100

167 24.4 21.4 32.0

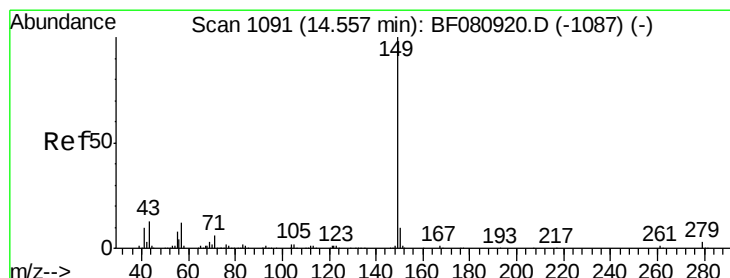
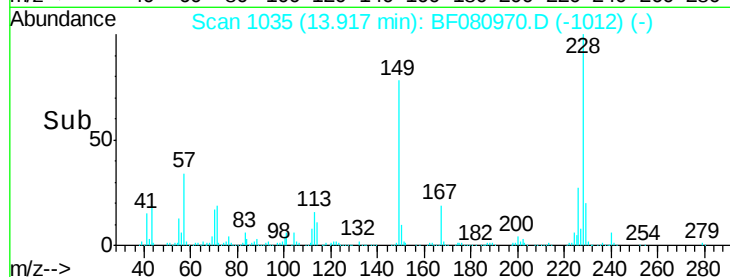
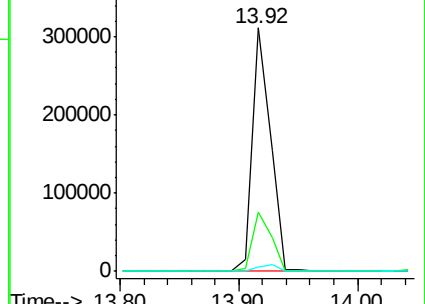
279 1.9 2.9 4.3#



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: 35.41 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

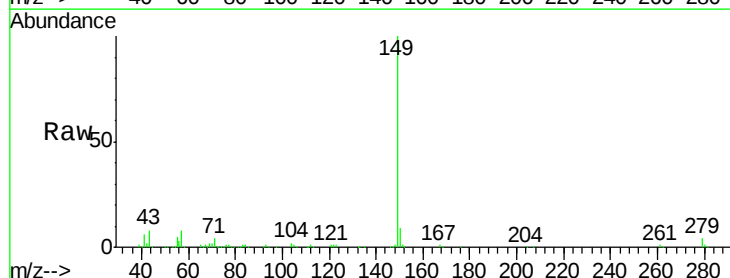
Tgt Ion:149 Resp: 573758

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

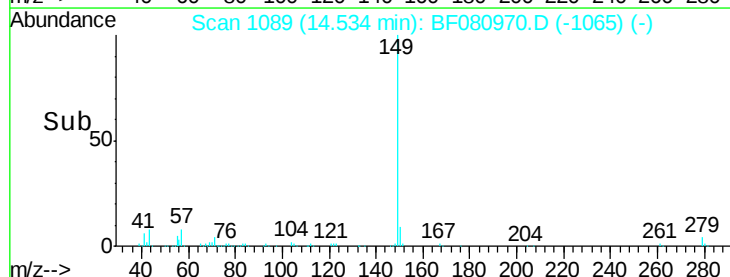
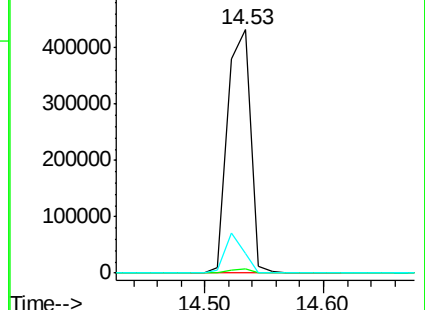
43 13.6 11.0 16.4



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

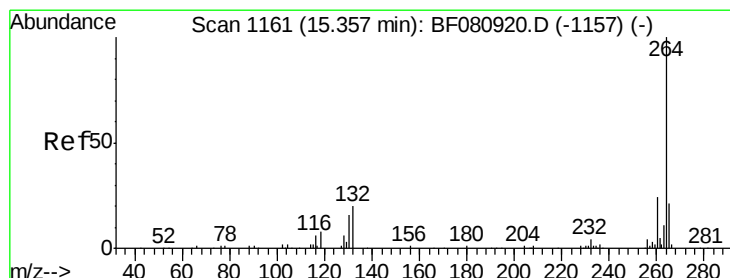
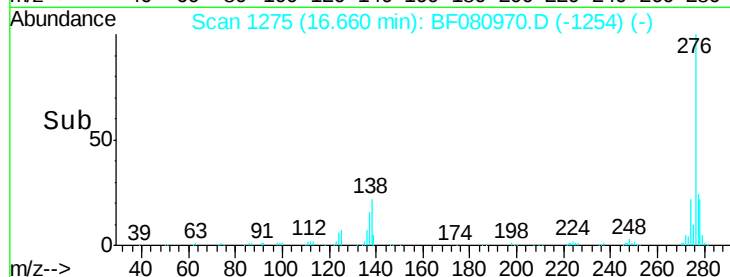
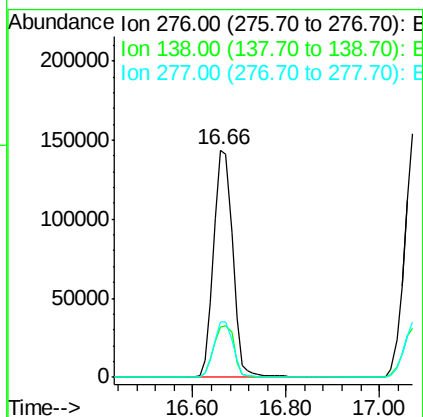
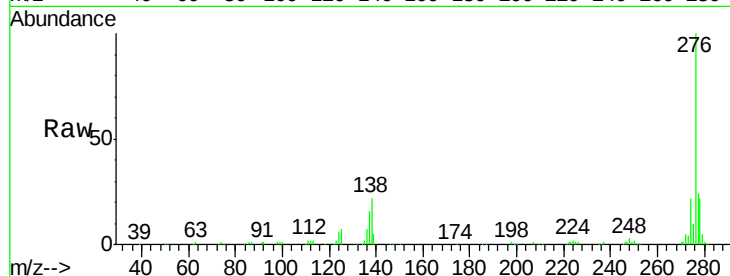




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.05 ng
 RT: 16.66 min Scan# 1275
 Delta R.T. -0.06 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

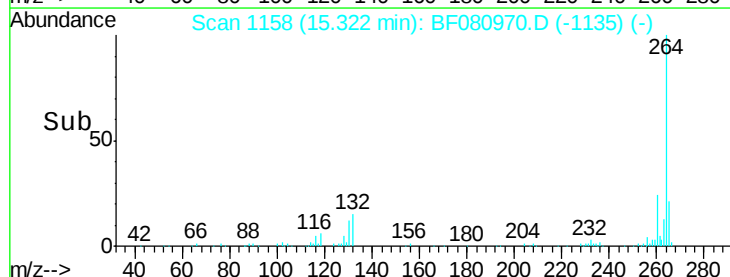
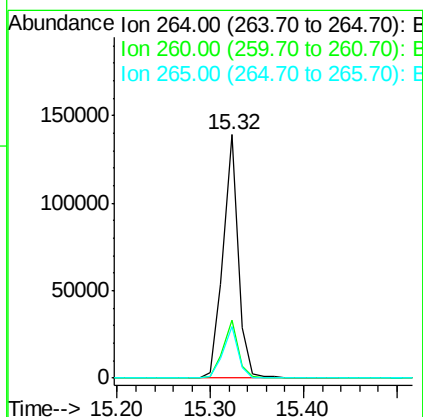
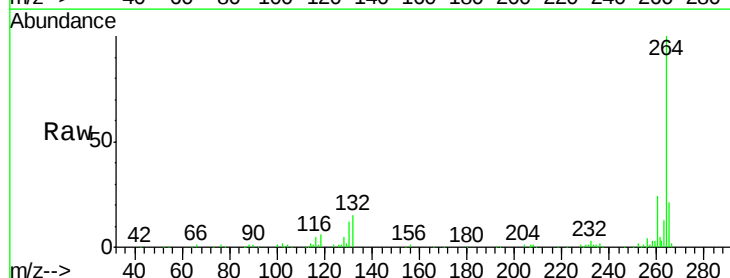
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	19.9	29.9
277	24.5	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.2	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 74.52 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA_F

ClientSampleId :

PB84838BSD

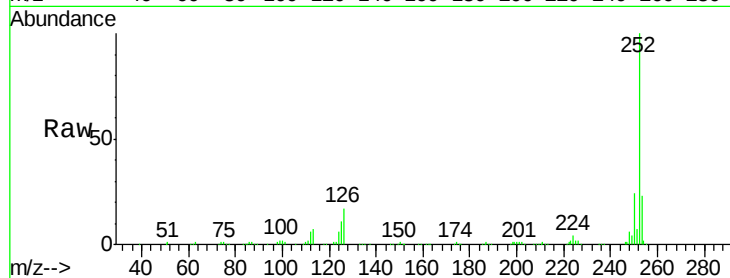
Tot Ion:252 Resp: 815080

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

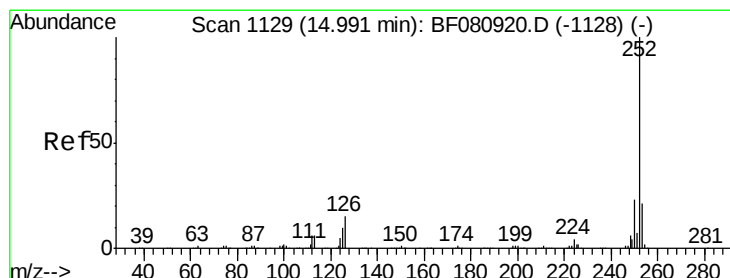
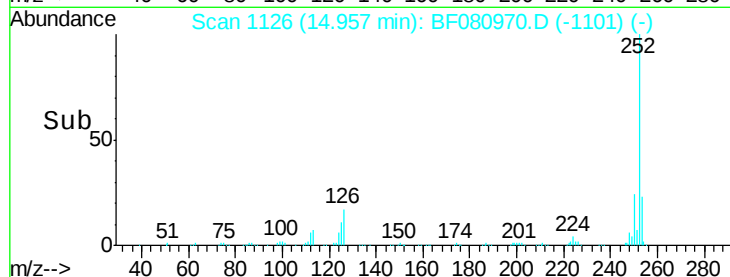
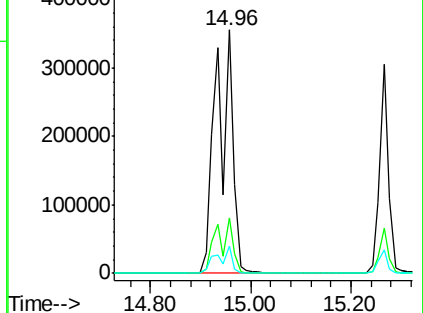
125 11.4 6.1 9.1#



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: 85.18 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

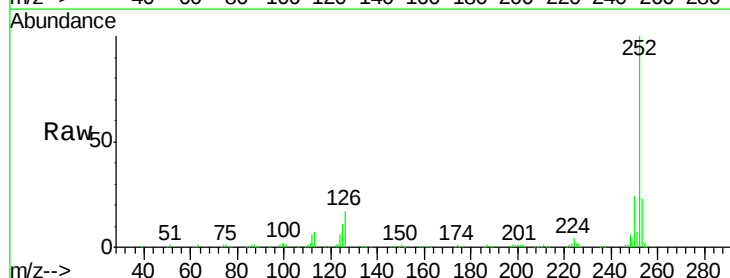
Tgt Ion:252 Resp: 815080

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

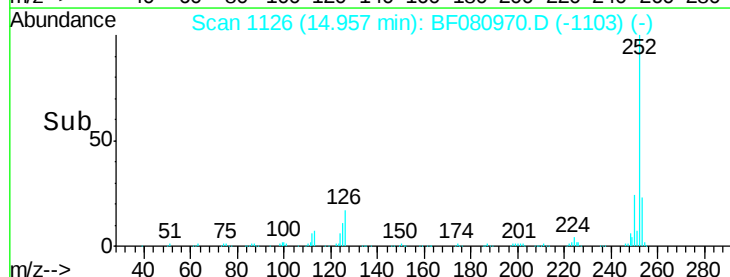
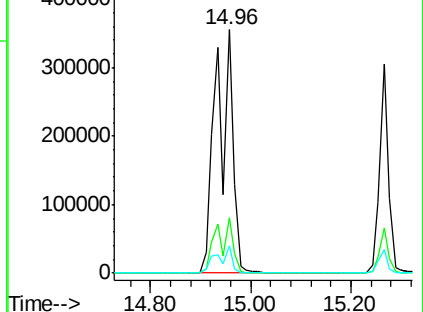
125 11.4 9.0 13.6

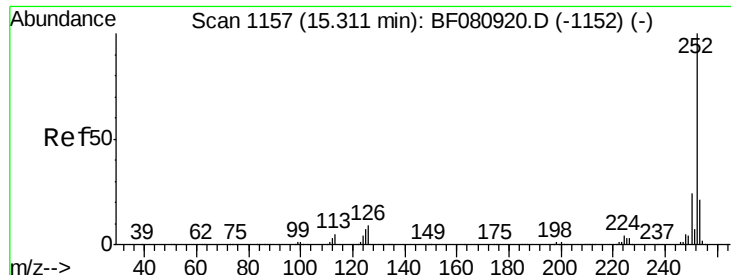


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

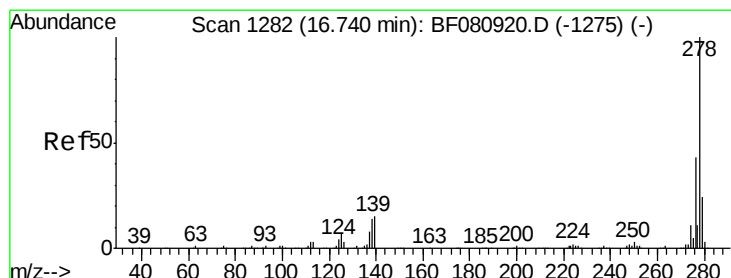
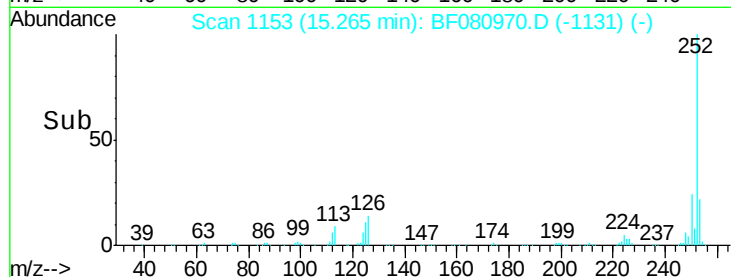
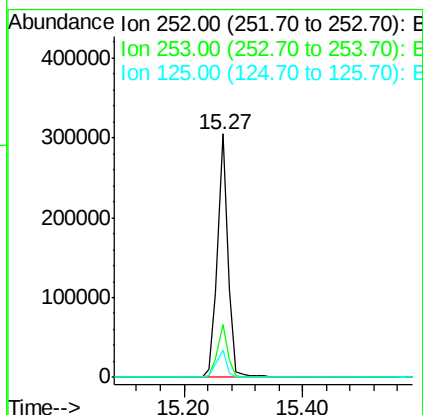
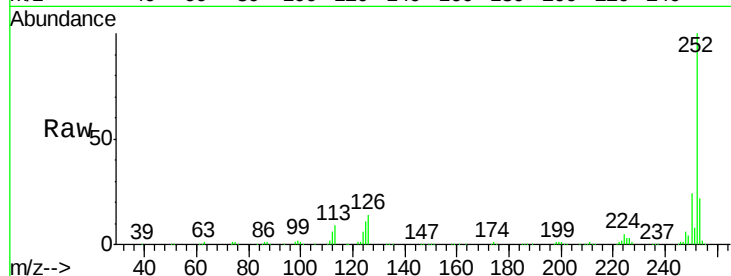




#89
Benzo(a)pyrene
Concen: 40.32 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.05 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

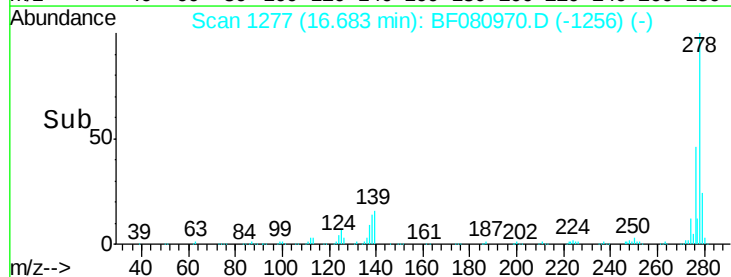
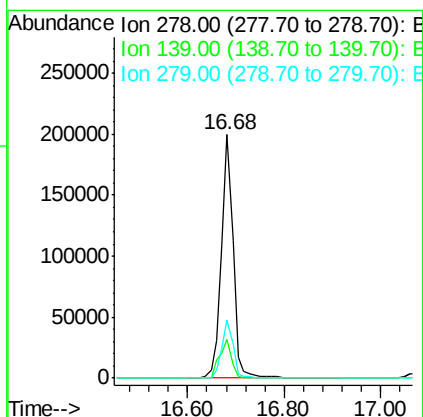
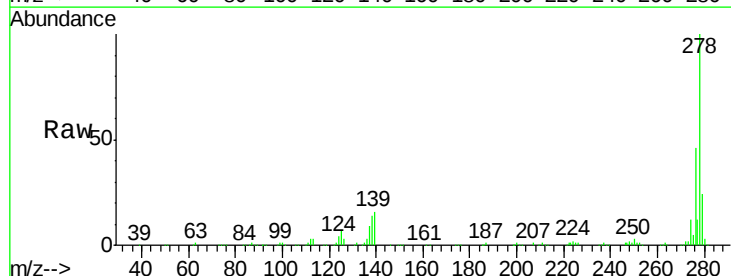
Instrument :
BNA_F
ClientSampleId :
PB84838BSD

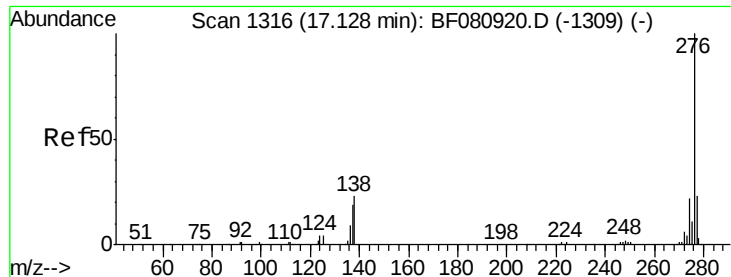
Tot Ion:252 Resp: 379062
Ion Ratio Lower Upper
252 100
253 21.7 16.9 25.3
125 11.1 5.8 8.8#



#90
Dibenzo(a,h)anthracene
Concen: 41.21 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.06 min
Lab File: BF080970.D
Acq: 11 Aug 2015 19:37

Tgt Ion:278 Resp: 342645
Ion Ratio Lower Upper
278 100
139 15.8 11.9 17.9
279 23.7 19.0 28.6

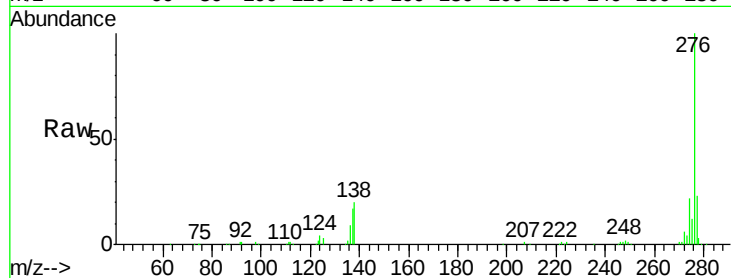




#91
 Benzo(a,h,i)perylene
 Concen: 38.94 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080970.D
 Acq: 11 Aug 2015 19:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	20.2	18.4	27.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

