

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081115\
 Data File : BF080969.D
 Acq On : 11 Aug 2015 19:05
 Operator : UM/IZ
 Sample : PB84838BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Quant Time: Aug 12 00:37:32 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	54526	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	212920	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	121596	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	218324	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	180221	20.00	ng	-0.03
86) Perylene-d12	15.32	264	155312	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	428556	128.42	ng	0.01
7) Phenol-d6	6.43	99	623232	136.28	ng	-0.01
23) Nitrobenzene-d5	7.36	82	408776	90.81	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	142128	106.39	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	626223	72.50	ng	-0.02
78) Terphenyl-d14	12.89	244	763253	87.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	58159	36.74	ng	93
3) Pyridine	3.13	79	149862	33.39	ng	94
4) n-Nitrosodimethylamine	3.08	42	99096	43.25	ng	95
6) Aniline	6.45	93	195341	29.07	ng	94
8) 2-Chlorophenol	6.57	128	144887	37.52	ng	# 79
9) Benzaldehyde	6.33	77	116108	37.67	ng	97
10) Phenol	6.44	94	245765	45.30	ng	77
11) bis(2-Chloroethyl)ether	6.53	93	153320	37.85	ng	89
12) 1,3-Dichlorobenzene	6.73	146	152740	37.27	ng	97
13) 1,4-Dichlorobenzene	6.81	146	150903	35.44	ng	99
14) 1,2-Dichlorobenzene	6.96	146	145464	37.79	ng	98
15) Benzyl Alcohol	6.93	79	139432	37.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	288768	35.43	ng	99
17) 2-Methylphenol	7.05	107	125656	38.12	ng	# 92
18) Hexachloroethane	7.30	117	57494	35.24	ng	96
19) n-Nitroso-di-n-propylamine	7.21	70	113207	33.87	ng	97
20) 3+4-Methylphenols	7.21	107	165824	40.05	ng	# 81
22) Acetophenone	7.20	105	213144	40.85	ng	# 99
24) Nitrobenzene	7.37	77	171788	37.07	ng	98
25) Isophorone	7.62	82	332602	38.42	ng	98
26) 2-Nitrophenol	7.69	139	75496	38.71	ng	95
27) 2,4-Dimethylphenol	7.73	122	149268	40.88	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	185469	35.69	ng	98
29) 2,4-Dichlorophenol	7.93	162	116436	38.81	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	125413	38.24	ng	99
31) Naphthalene	8.10	128	422094	35.97	ng	100
32) Benzoic acid	7.86	122	88245	40.37	ng	88
33) 4-Chloroaniline	8.14	127	105906	22.20	ng	97
34) Hexachlorobutadiene	8.21	225	71940	36.87	ng	97
35) Caprolactam	8.52	113	30473	28.23	ng	# 81
36) 4-Chloro-3-methylphenol	8.64	107	171303	46.79	ng	96
37) 2-Methylnaphthalene	8.78	142	311888	41.75	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126102	33.64	ng	99
40) Hexachlorocyclopentadiene	8.94	237	168042	82.15	ng	97

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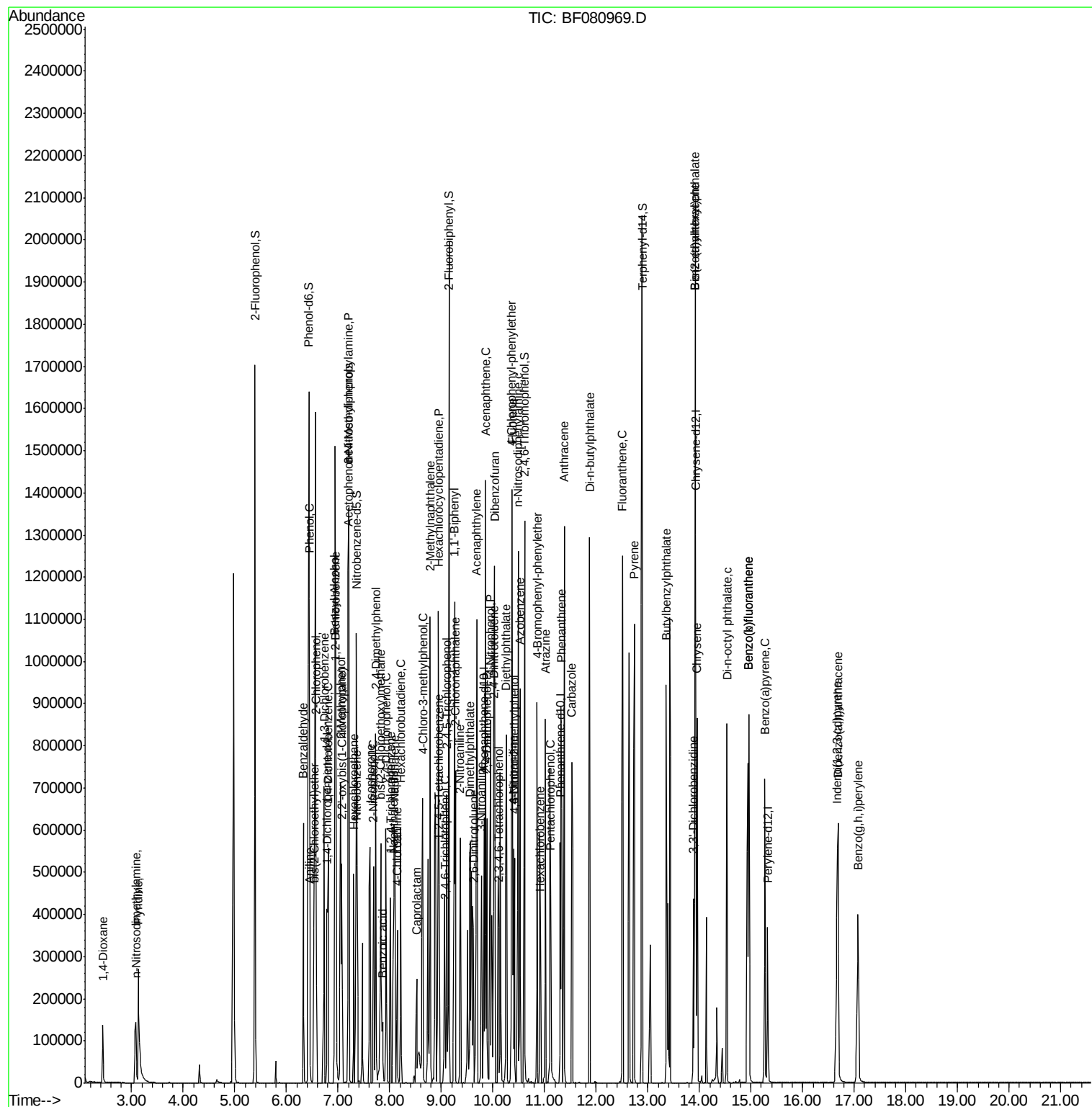
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	80090	29.15	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	101075	36.51	nq #	86
45) 1,1'-Biphenyl	9.25	154	379980	36.41	nq	100
46) 2-Chloronaphthalene	9.28	162	271787	33.40	nq	99
47) 2-Nitroaniline	9.37	65	107114	32.83	nq	92
48) Acenaphthylene	9.69	152	481345	34.03	nq	100
49) Dimethylphthalate	9.56	163	358955	35.54	nq	98
50) 2,6-Dinitrotoluene	9.62	165	76473	36.65	nq #	50
51) Acenaphthene	9.86	154	350988	40.52	nq	99
52) 3-Nitroaniline	9.78	138	61932	24.07	nq	100
53) 2,4-Dinitrophenol	9.88	184	65520	53.86	nq #	74
54) Dibenzofuran	10.03	168	456066	38.93	nq	98
55) 4-Nitrophenol	9.95	139	151070	78.45	nq #	66
56) 2,4-Dinitrotoluene	10.02	165	119604	42.83	nq #	70
57) Fluorene	10.37	166	363874	40.16	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	81451	37.17	nq	98
59) Diethylphthalate	10.26	149	397735	37.83	nq	96
60) 4-Chlorophenyl-phenylether	10.36	204	146713	33.23	nq	99
61) 4-Nitroaniline	10.40	138	86607	32.72	nq	97
62) Azobenzene	10.52	77	414609	35.27	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	47672	35.23	nq #	61
65) n-Nitrosodiphenylamine	10.49	169	309007	40.74	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	93698	40.52	nq	98
67) Hexachlorobenzene	10.92	284	99731	38.79	nq	98
68) Atrazine	11.01	200	82077	36.91	nq	96
69) Pentachlorophenol	11.12	266	111279	74.44	nq	96
70) Phenanthrene	11.32	178	463411	37.48	nq	99
71) Anthracene	11.38	178	491492	40.16	nq	100
72) Carbazole	11.53	167	423949	35.58	nq #	97
73) Di-n-butylphthalate	11.87	149	596353	40.02	nq	99
74) Fluoranthene	12.51	202	612379	45.82	nq	97
76) Benzidine	12.64	184	403148	Below	Cal	98
77) Pyrene	12.74	202	608428	45.70	nq	100
79) Butylbenzylphthalate	13.36	149	245284	38.22	nq #	65
80) Benzo(a)anthracene	13.92	228	442505	38.87	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	84345	20.37	nq #	97
82) Chrysene	13.95	228	425515	39.04	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	318366	35.65	nq #	94
84) Di-n-octyl phthalate	14.53	149	583993	38.57	nq	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	408223	39.35	nq	98
87) Benzo(b)fluoranthene	14.96	252	810993	75.09	nq #	97
88) Benzo(k)fluoranthene	14.96	252	810993	85.84	nq	100
89) Benzo(a)pyrene	15.27	252	369194	39.77	nq #	95
90) Dibenzo(a,h)anthracene	16.68	278	337884	41.16	nq	100
91) Benzo(g,h,i)perylene	17.07	276	352378	44.13	nq	98

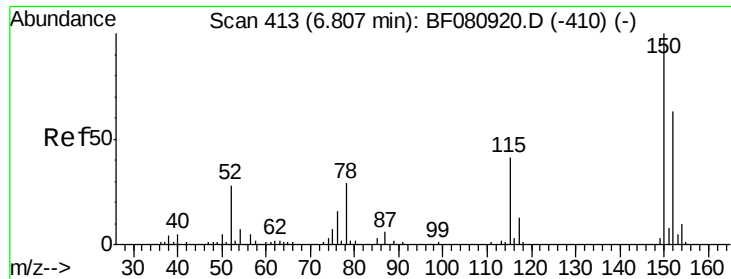
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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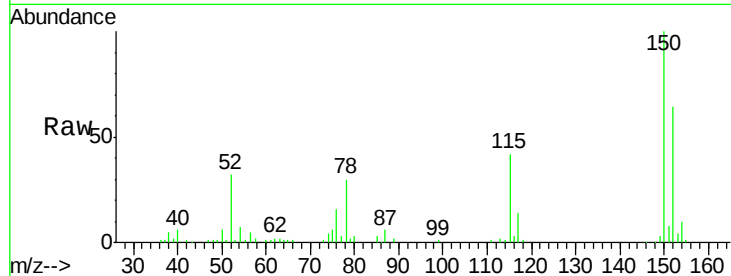


#1

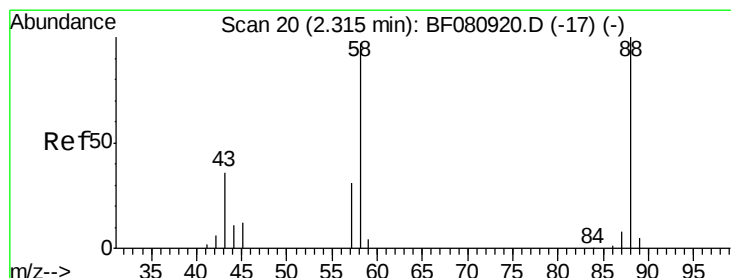
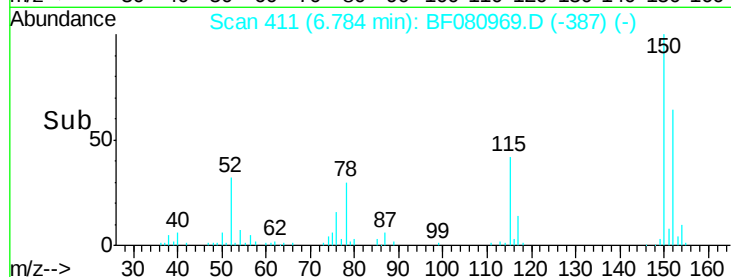
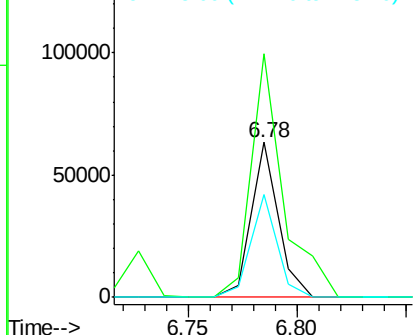
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampled :
PB84838BS

Tot Ion:152 Resp: 54526
Ion Ratio Lower Upper
152 100
150 157.1 127.4 191.2
115 66.4 52.6 78.8



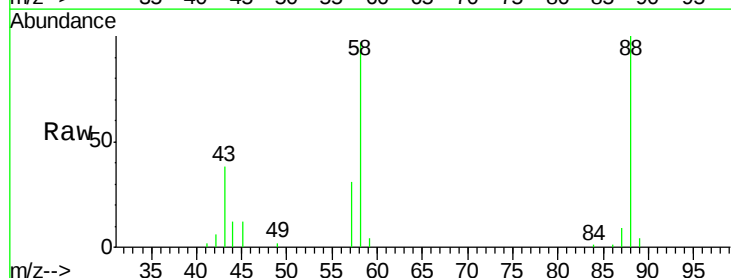
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



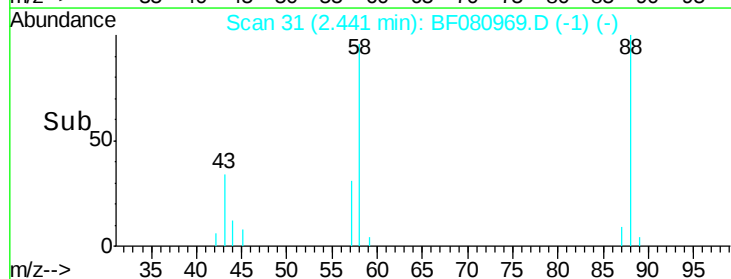
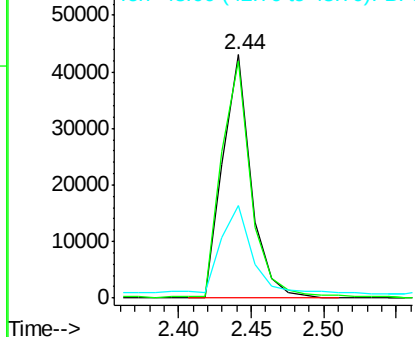
#2

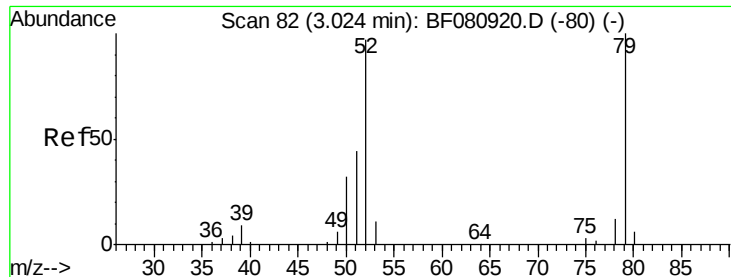
1,4-Dioxane
Concen: 36.74 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.13 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 88 Resp: 58159
Ion Ratio Lower Upper
88 100
58 104.9 79.3 118.9
43 40.8 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: 33.39 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

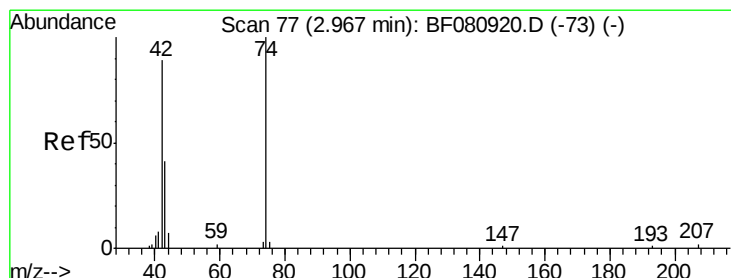
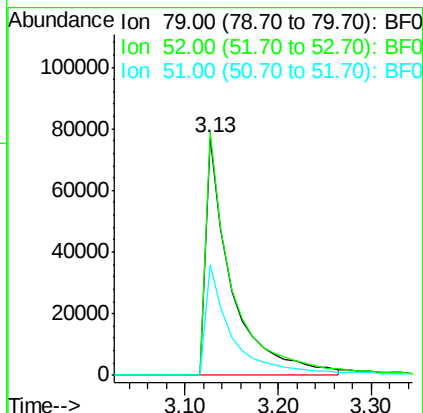
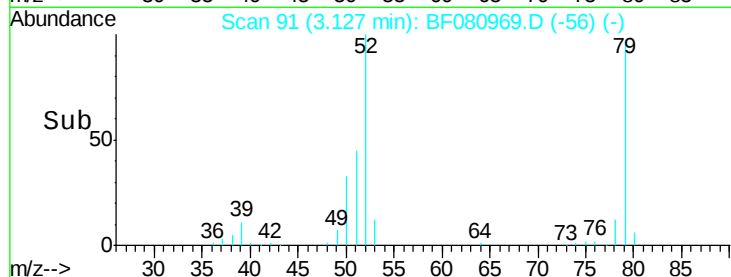
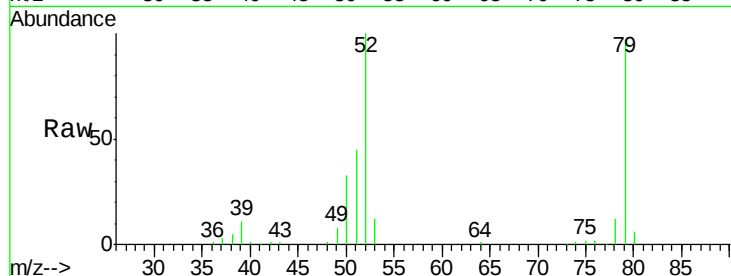
Tot Ion: 79 Resp: 149862

Ion Ratio Lower Upper

79 100

52 102.7 77.2 115.8

51 46.5 35.0 52.4



#4

n-Nitrosodimethylamine

Concen: 43.25 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.11 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

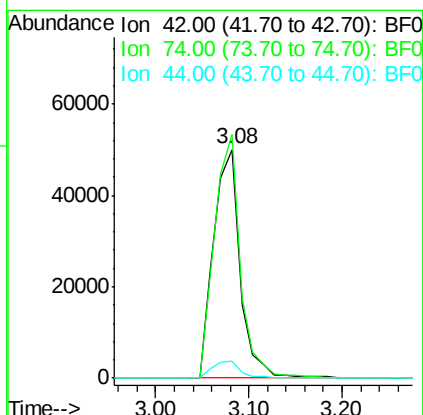
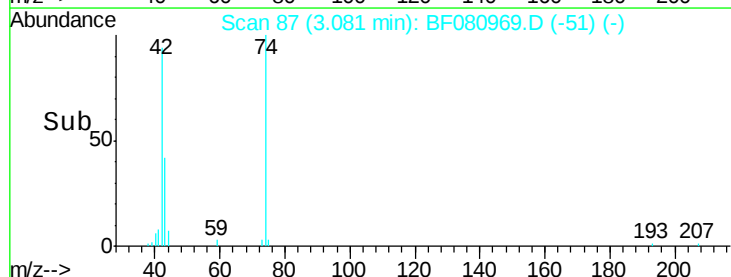
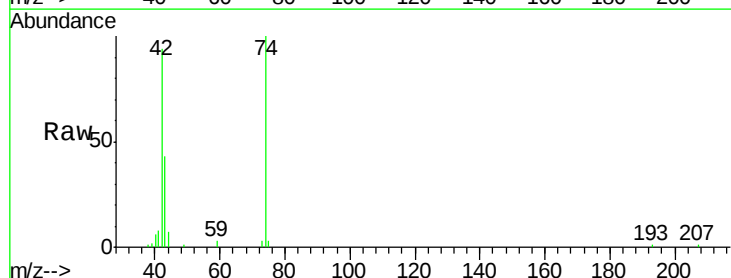
Tgt Ion: 42 Resp: 99096

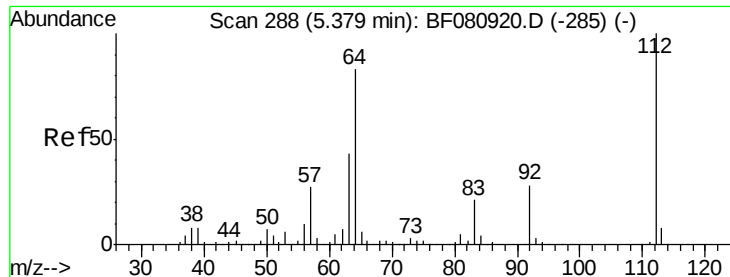
Ion Ratio Lower Upper

42 100

74 106.5 89.8 134.8

44 7.2 6.5 9.7





#5

2-Fluorophenol

Concen: 128.42 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

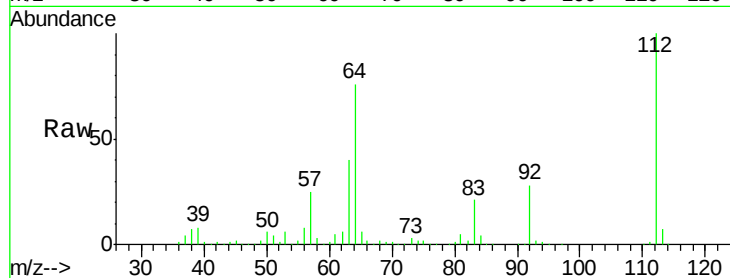
Instrument :

BNA_F

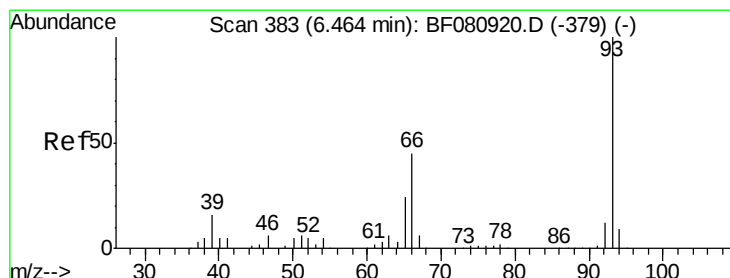
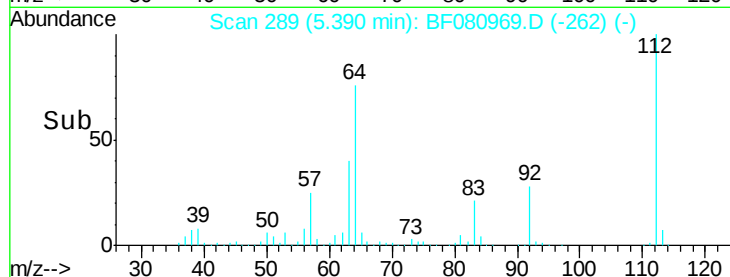
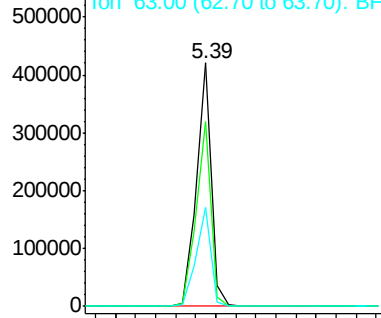
ClientSampleId :

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Tot Ion:	112	Resp:	428556
Ion	Ratio	Lower	Upper
112	100		
64	76.1	66.1	99.1
63	40.4	34.6	52.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 29.07 ng

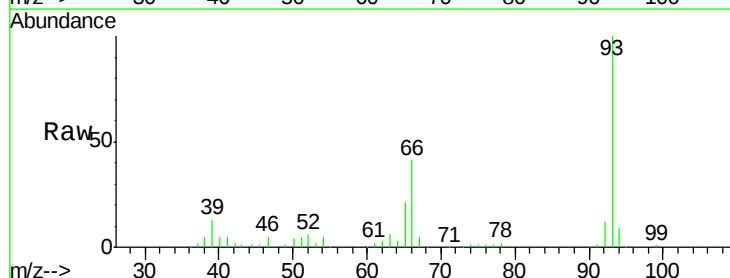
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

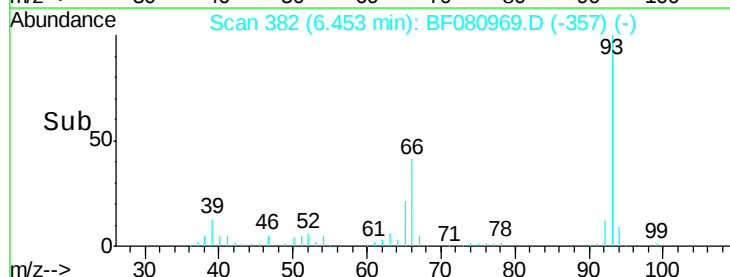
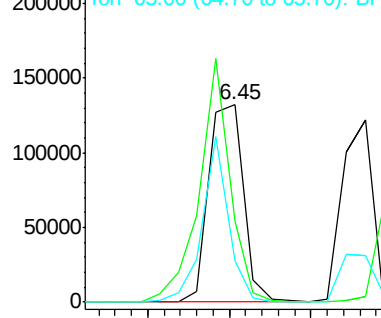
Lab File: BF080969.D

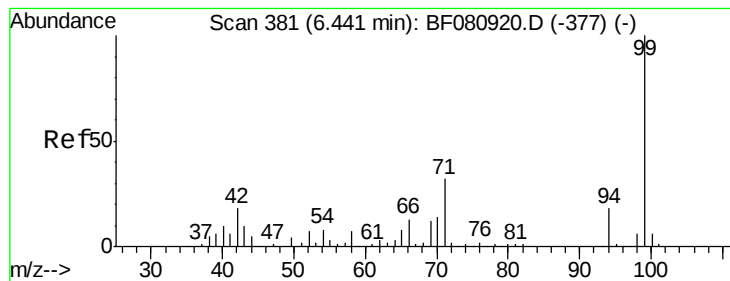
Acq: 11 Aug 2015 19:05

Tgt Ion:	93	Resp:	195341
Ion	Ratio	Lower	Upper
93	100		
66	41.0	36.2	54.4
65	21.3	19.0	28.4



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 136.28 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

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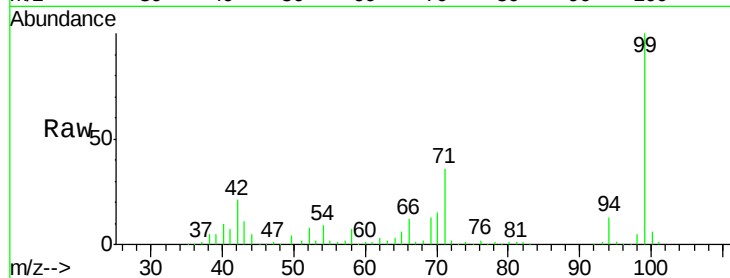
Tot Ion: 99 Resp: 623232

Ion Ratio Lower Upper

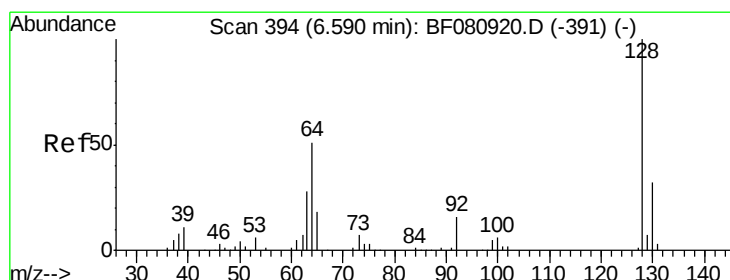
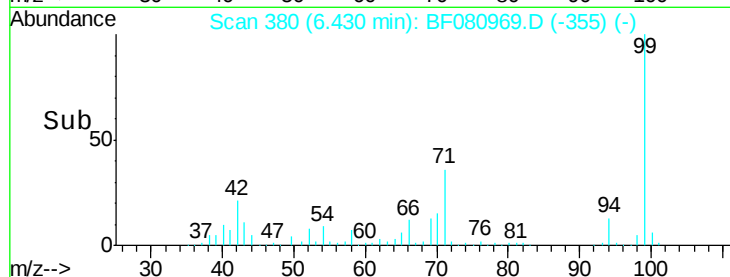
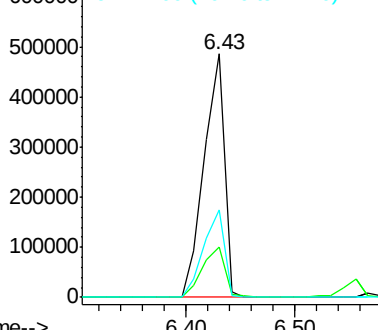
99 100

42 20.9 14.4 21.6

71 36.1 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: 37.52 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

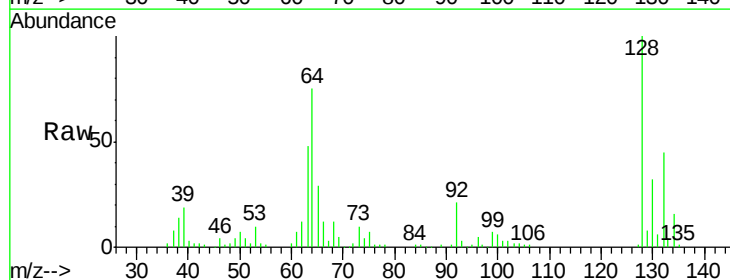
Tgt Ion: 128 Resp: 144887

Ion Ratio Lower Upper

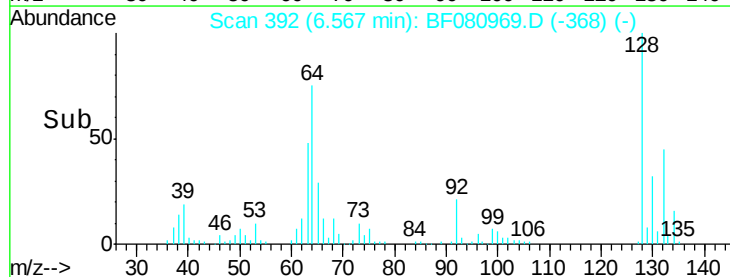
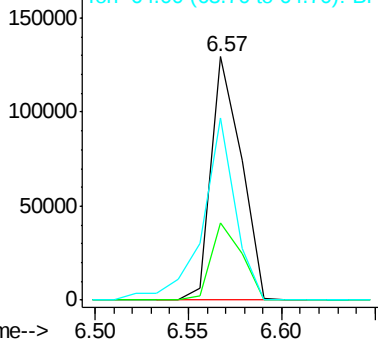
128 100

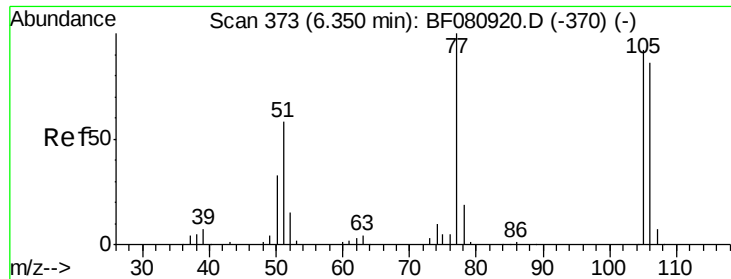
130 31.6 12.4 52.4

64 74.9 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: 37.67 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080969.D

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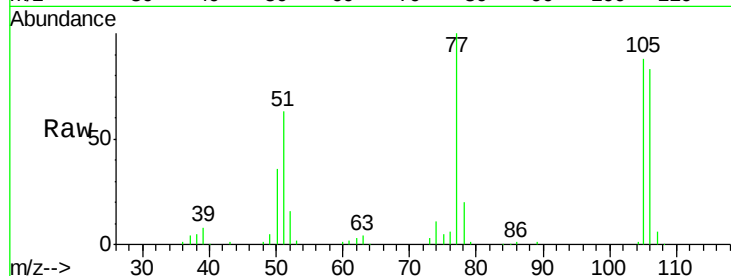
Tot Ion: 77 Resp: 116108

Ion Ratio Lower Upper

77 100

105 87.7 71.6 111.6

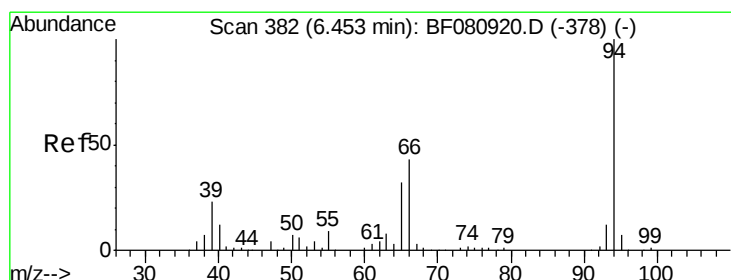
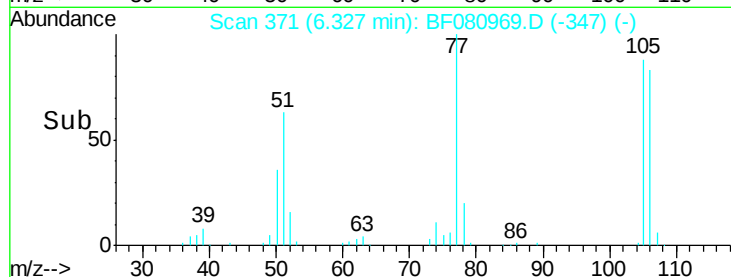
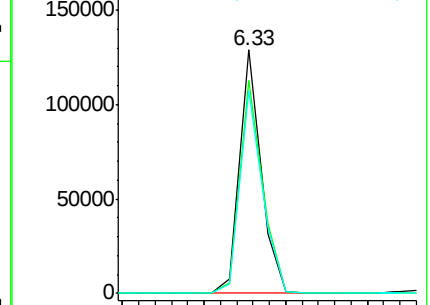
106 83.4 65.7 105.7



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: 45.30 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

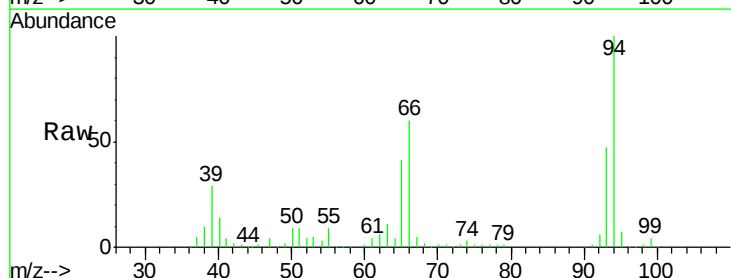
Tgt Ion: 94 Resp: 245765

Ion Ratio Lower Upper

94 100

65 41.0 11.8 51.8

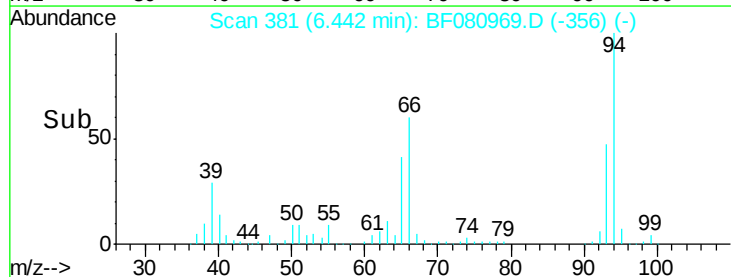
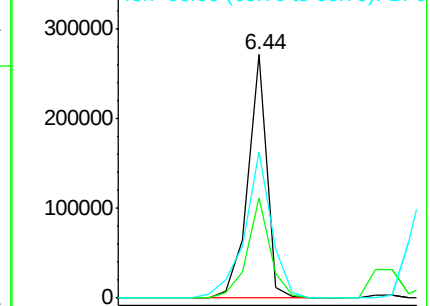
66 60.1 22.9 62.9

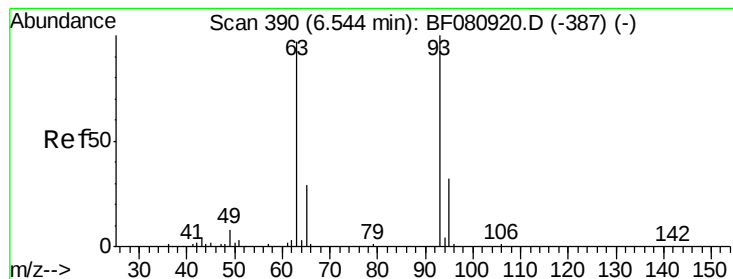


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.85 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

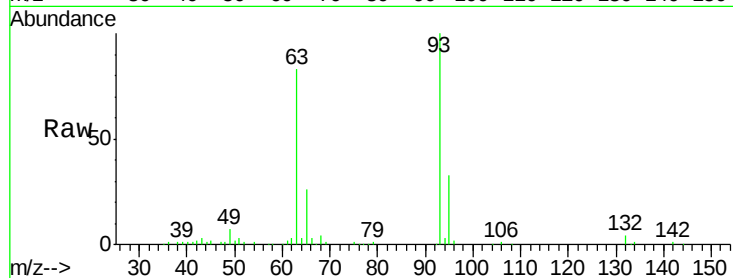
Tot Ion: 93 Resp: 153320

Ion Ratio Lower Upper

93 100

63 82.7 76.7 116.7

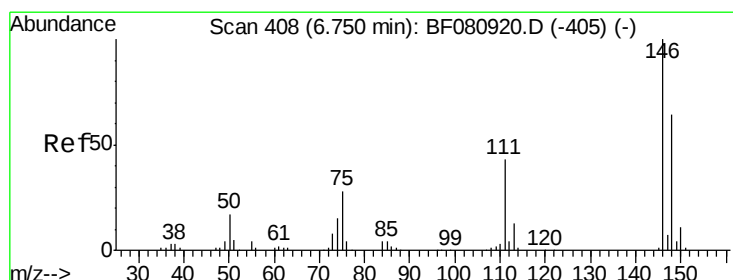
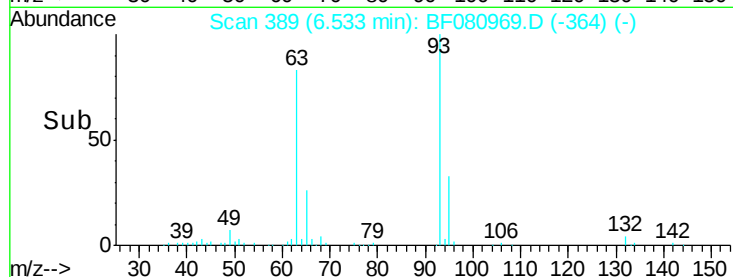
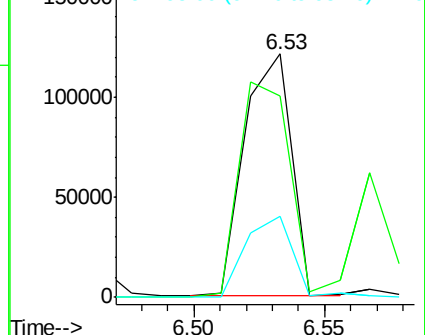
95 33.2 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.27 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

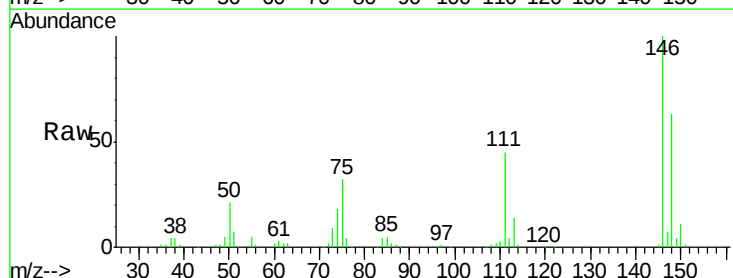
Tgt Ion: 146 Resp: 152740

Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.0

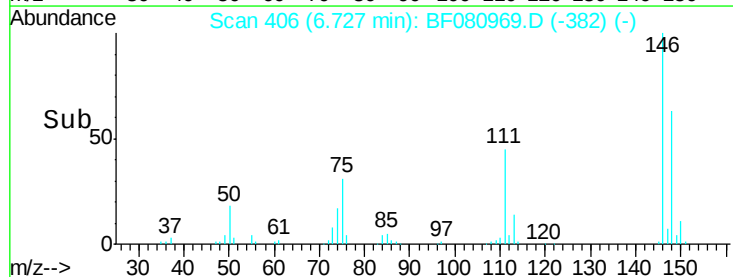
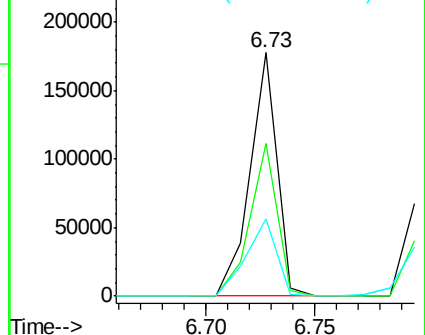
75 31.6 22.2 33.4

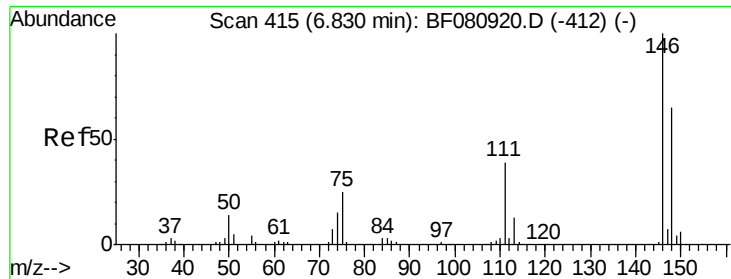


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

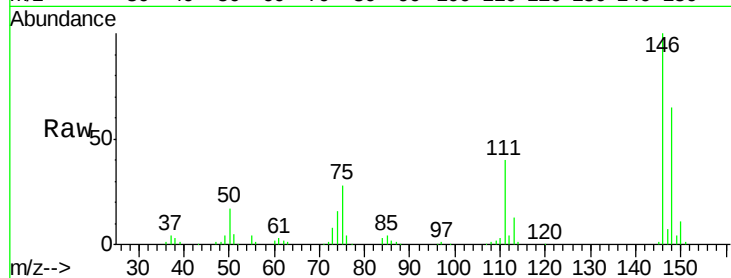




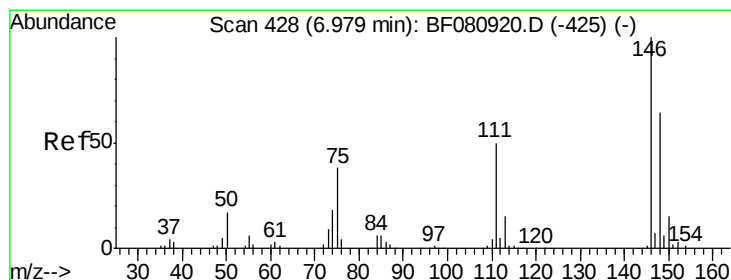
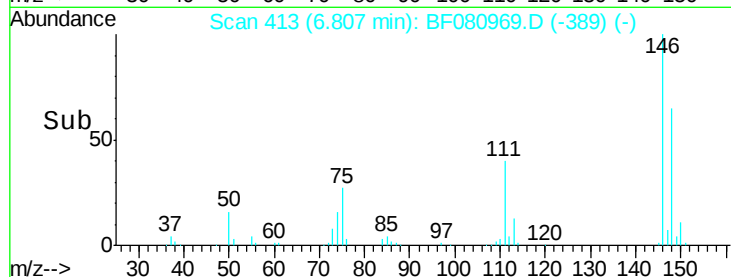
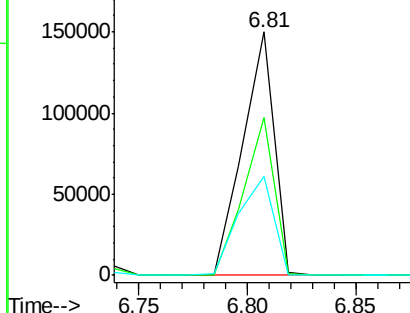
#13
 1,4-Dichlorobenzene
 Concen: 35.44 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:146 Resp: 150903
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.4
 111 40.5 31.5 47.3

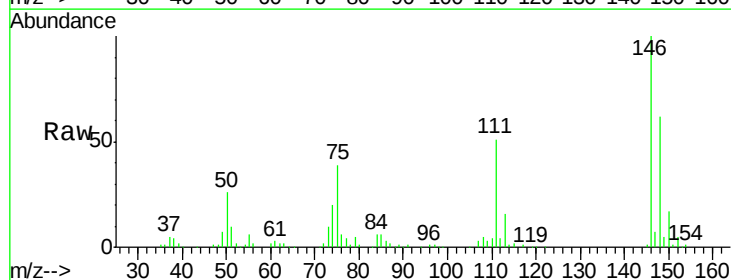


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

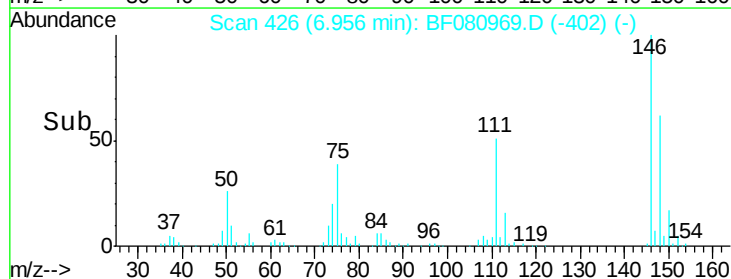
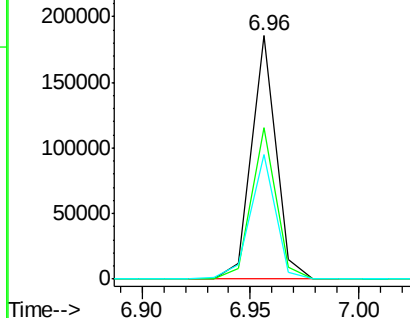


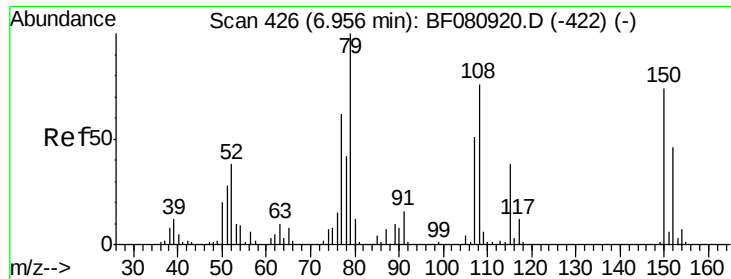
#14
 1,2-Dichlorobenzene
 Concen: 37.79 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:146 Resp: 145464
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.1 76.7
 111 51.2 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

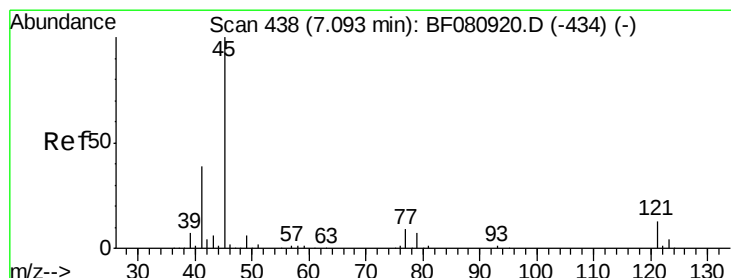
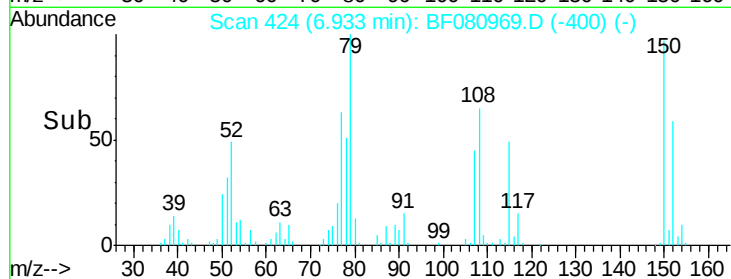
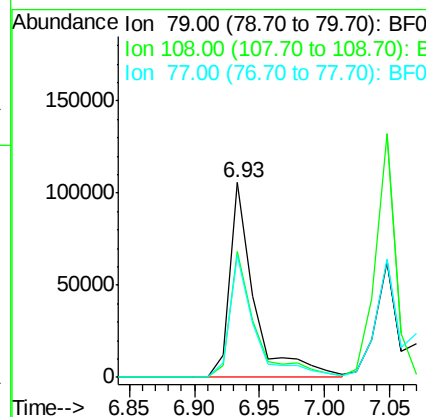
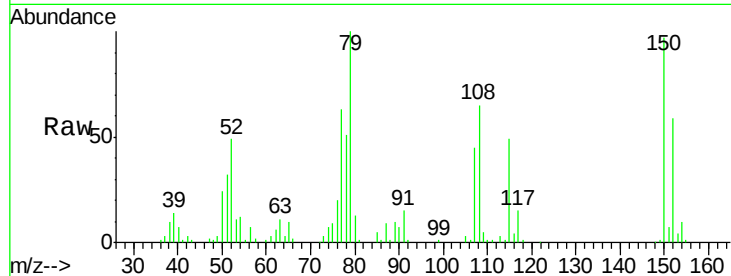




#15
Benzyl Alcohol
Concen: 37.26 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

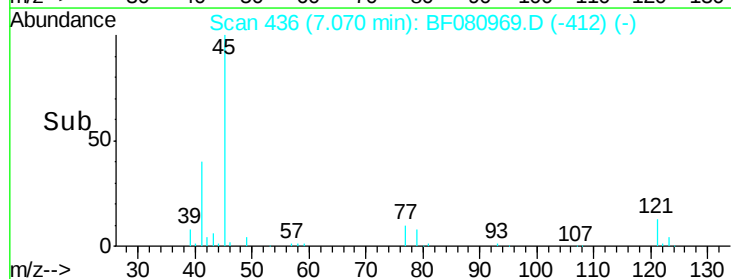
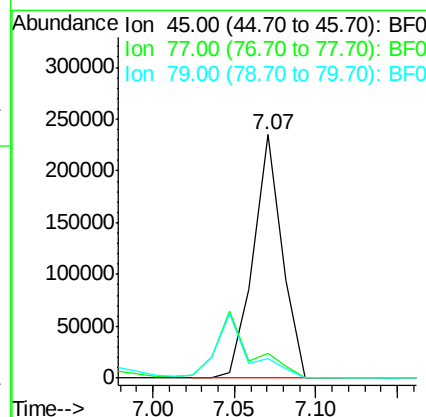
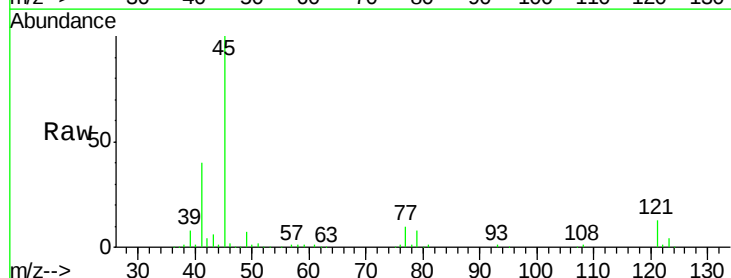
Instrument :
BNA_F
ClientSampleId :
PB84838BS

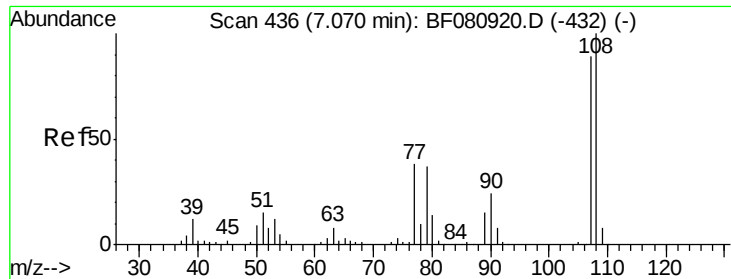
Tot Ion: 79 Resp: 139432
Ion Ratio Lower Upper
79 100
108 64.5 60.9 91.3
77 63.0 49.4 74.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.43 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 45 Resp: 288768
Ion Ratio Lower Upper
45 100
77 10.2 0.0 29.6
79 7.9 0.0 27.7





#17

2-Methylphenol

Concen: 38.12 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

Tot Ion:107 Resp: 125656

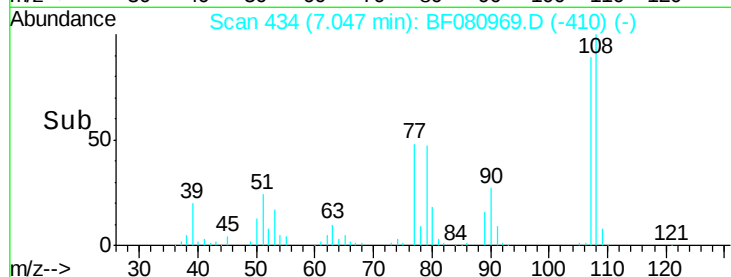
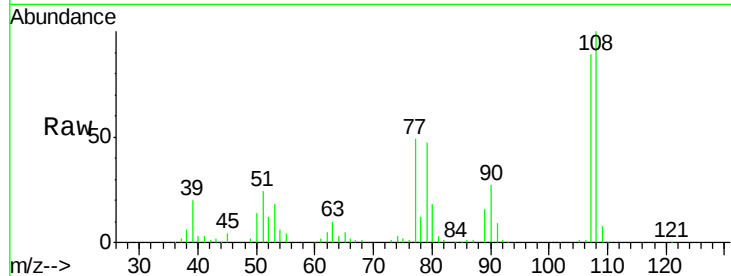
Ion Ratio Lower Upper

107 100

108 112.0 90.3 135.5

77 54.4 34.6 51.8#

79 53.1 33.6 50.4#

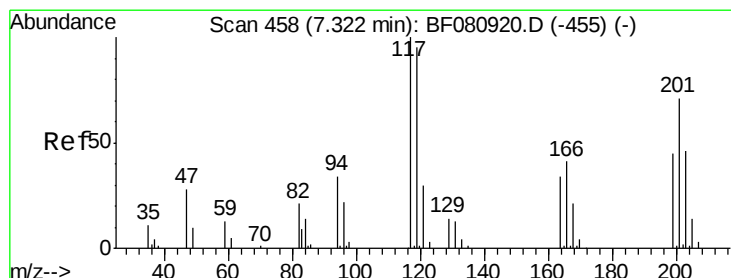
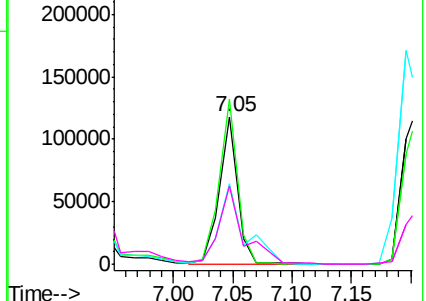


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.24 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

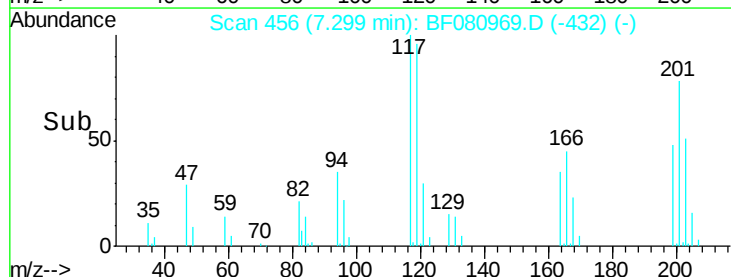
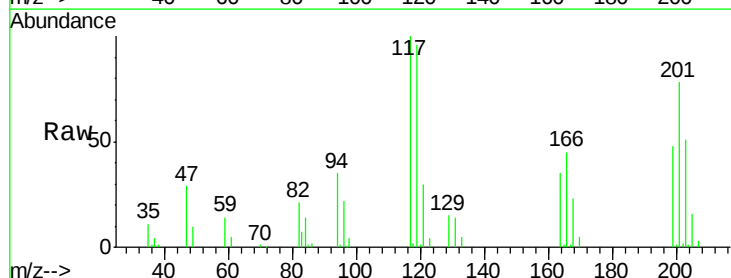
Tgt Ion:117 Resp: 57494

Ion Ratio Lower Upper

117 100

119 96.4 76.3 114.5

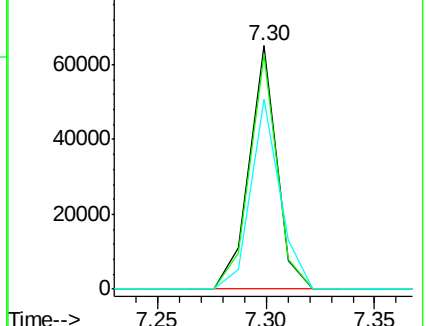
201 77.9 57.0 85.6

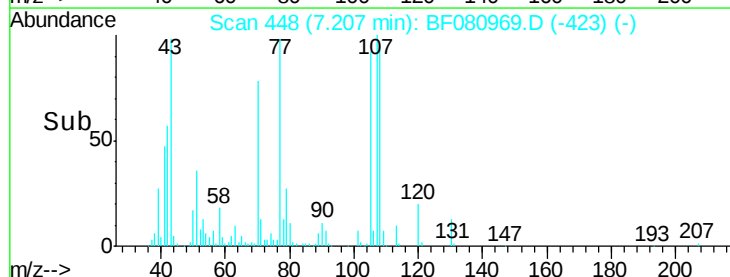
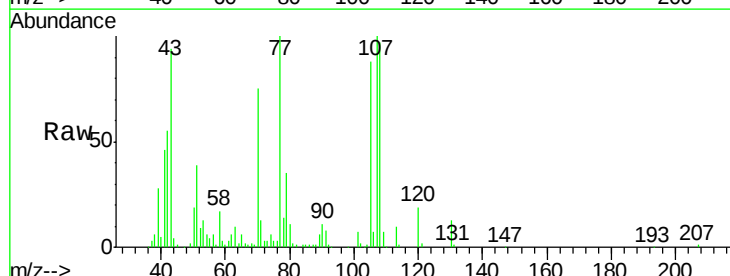
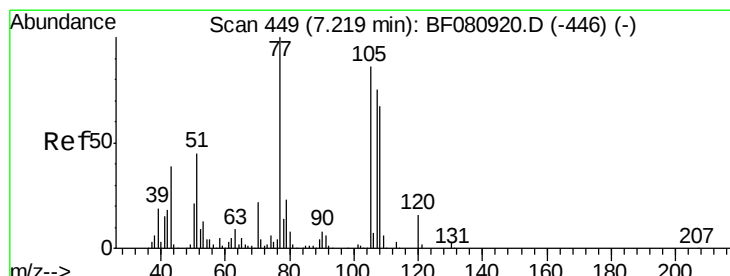
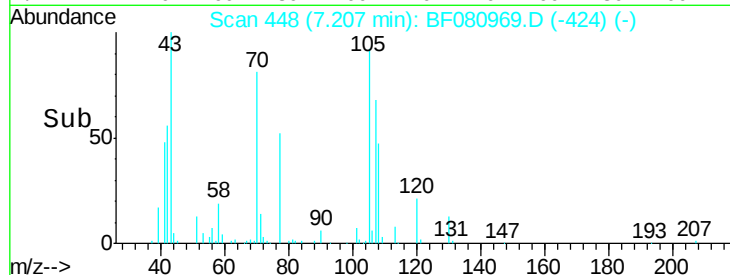
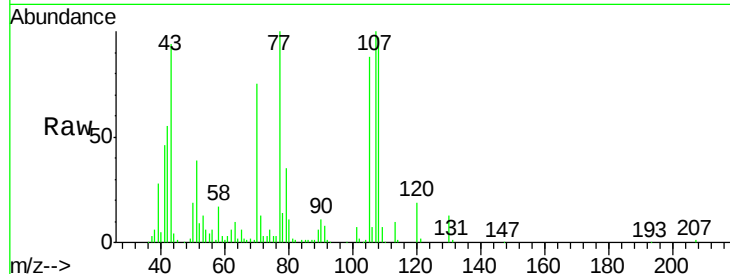
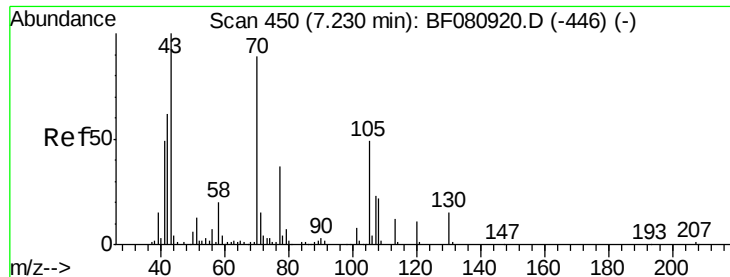


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

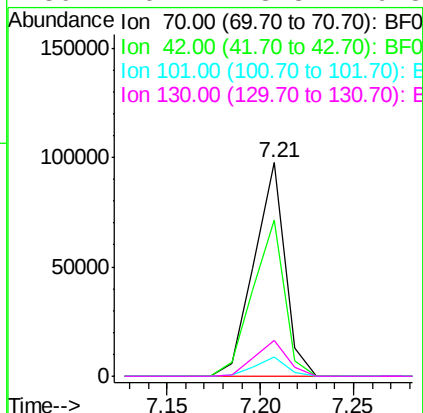




#19
n-Nitroso-di-n-propylamine
Concen: 33.87 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

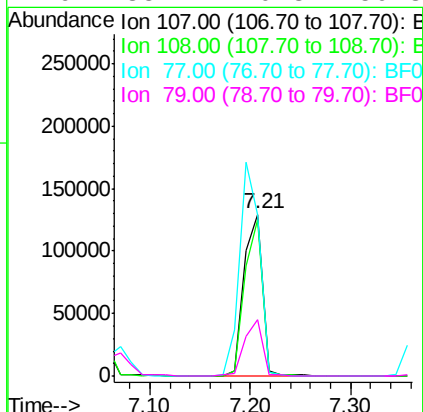
Instrument :
BNA_F
ClientSampleId :
PB84838BS

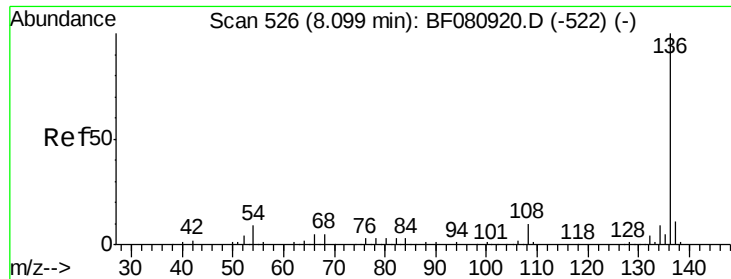
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.9	55.7	83.5
101	8.8	7.0	10.6
130	16.7	13.8	20.8



#20
3+4-Methylphenols
Concen: 40.05 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.9	69.2	109.2
77	100.3	113.0	153.0#
79	35.2	10.3	50.3

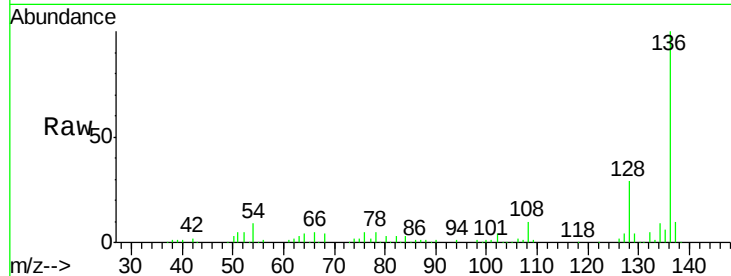




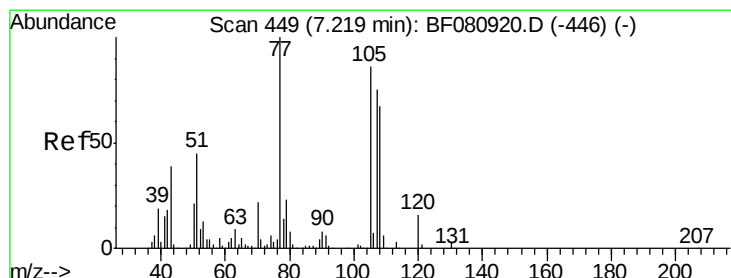
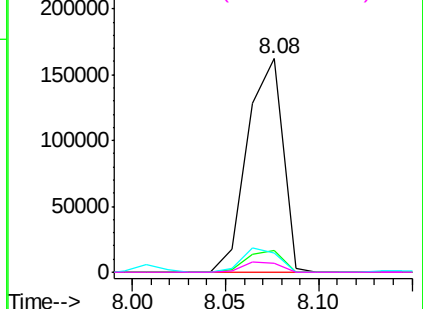
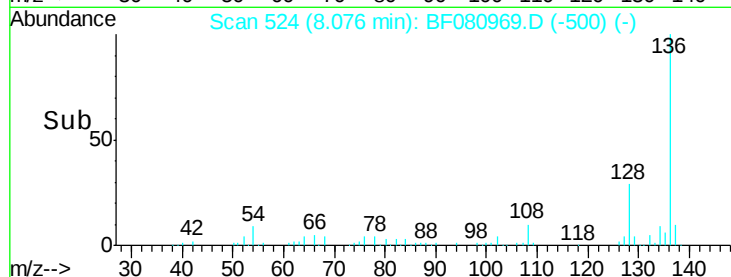
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:136	Resp:	212920
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	8.8	7.1 10.7
68	4.0	3.8 5.8

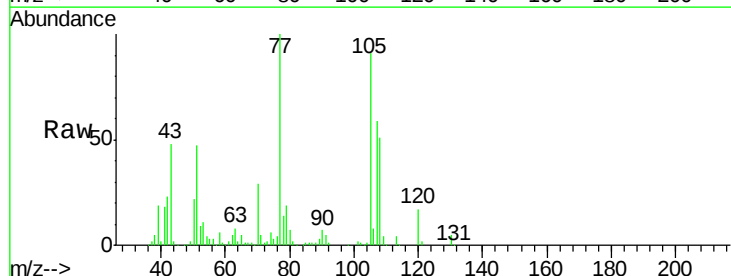


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

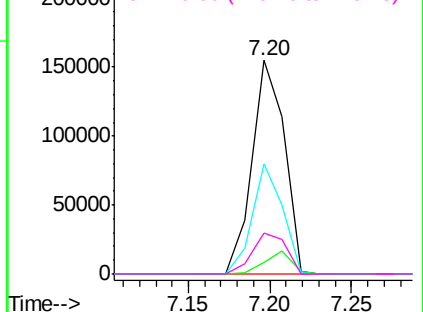
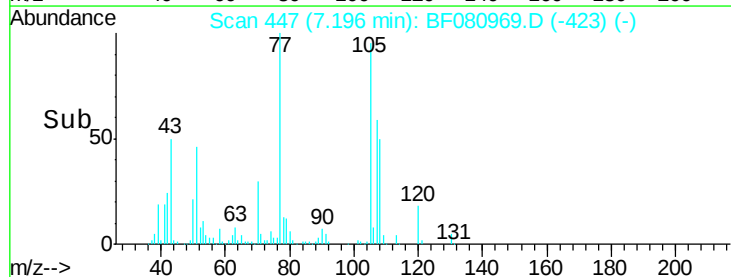


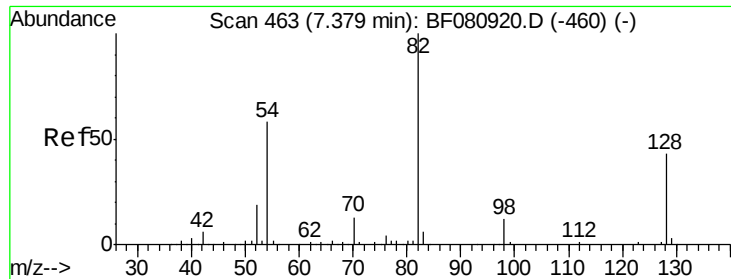
#22
Acetophenone
Concen: 40.85 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:105	Resp:	213144
Ion Ratio	Lower	Upper
105	100	
71	5.3	3.3 4.9#
51	51.6	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

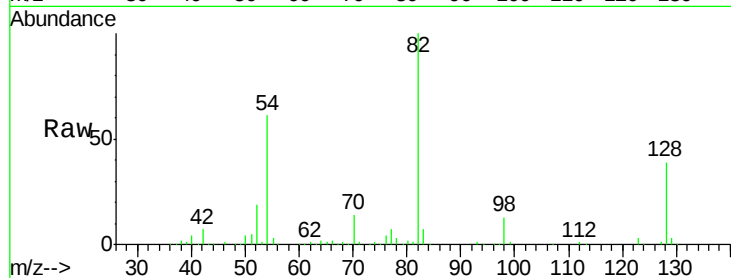




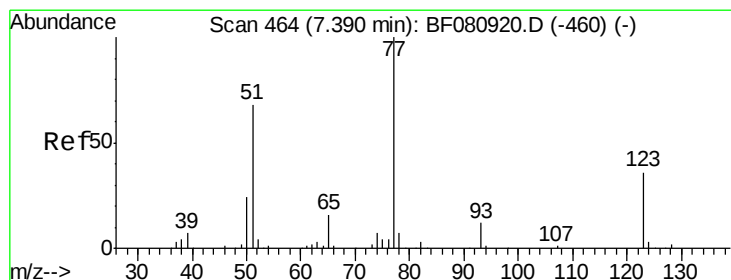
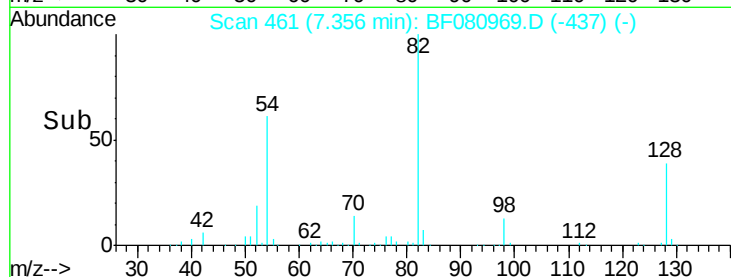
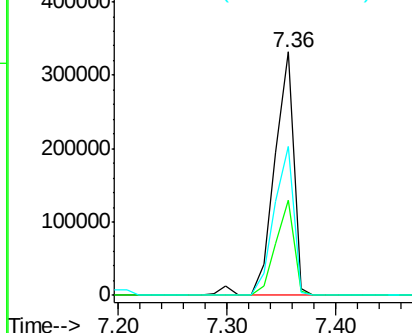
#23
 Nitrobenzene-d5
 Concen: 90.81 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion	82	Resp	408776
Ion Ratio	Lower	Upper	
82	100		
128	39.3	34.1	51.1
54	61.2	46.5	69.7

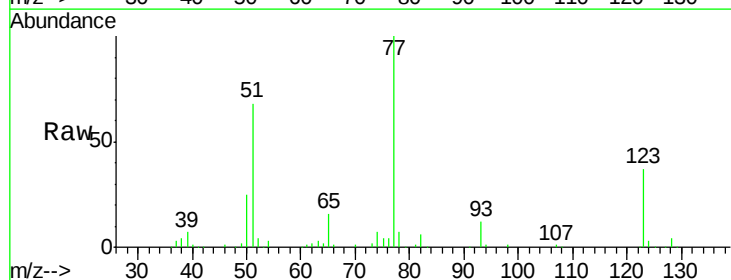


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

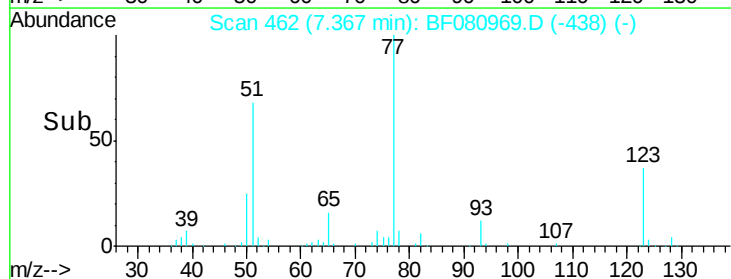
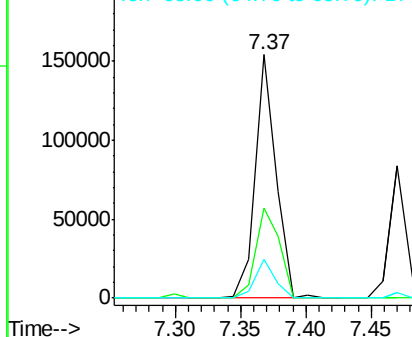


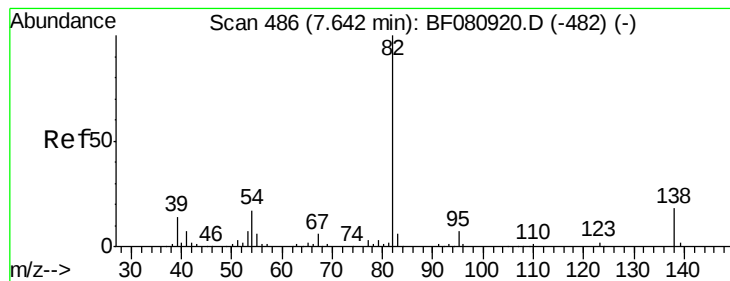
#24
 Nitrobenzene
 Concen: 37.07 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	77	Resp	171788
Ion Ratio	Lower	Upper	
77	100		
123	37.2	28.7	43.1
65	15.8	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: 38.42 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

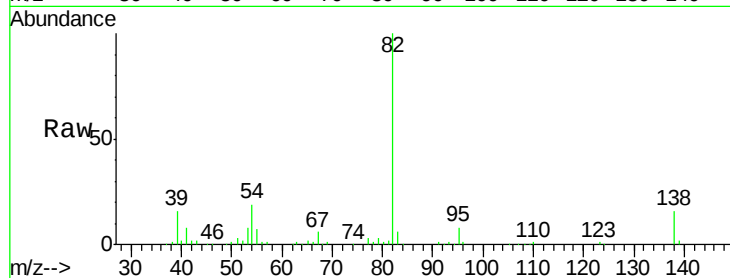
Tot Ion: 82 Resp: 332602

Ion Ratio Lower Upper

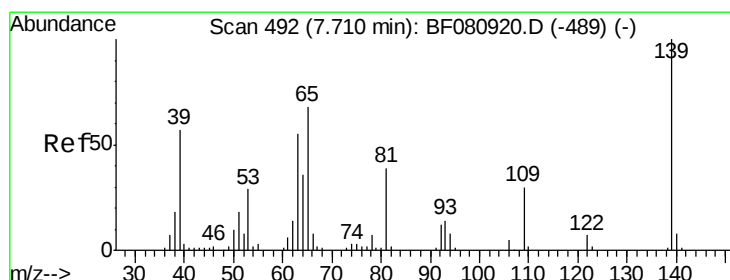
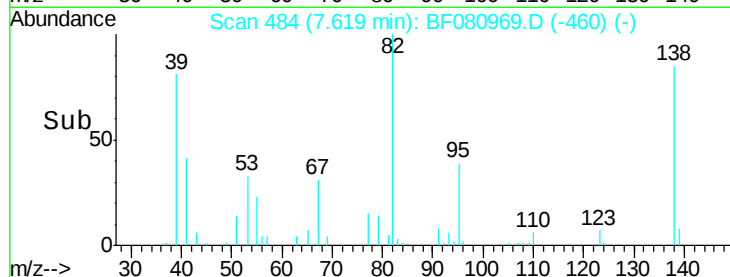
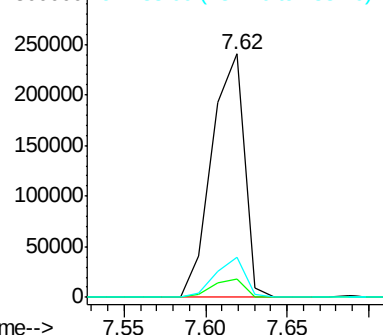
82 100

95 7.7 5.8 8.6

138 16.4 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: 38.71 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

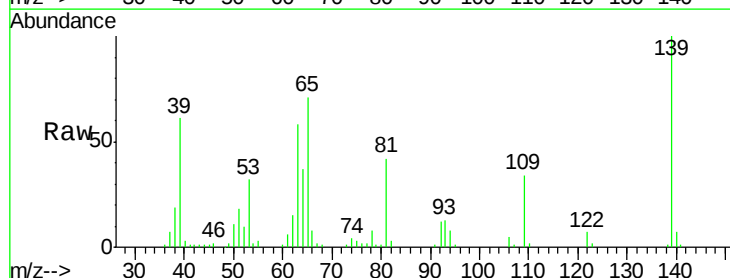
Tgt Ion: 139 Resp: 75496

Ion Ratio Lower Upper

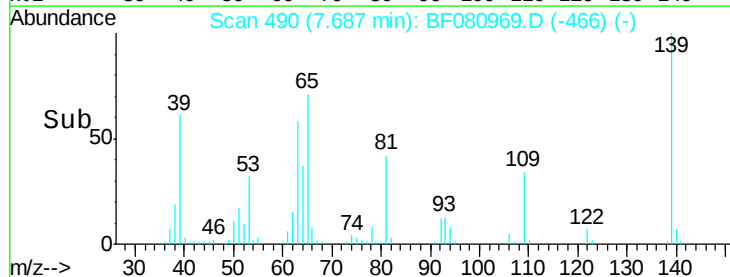
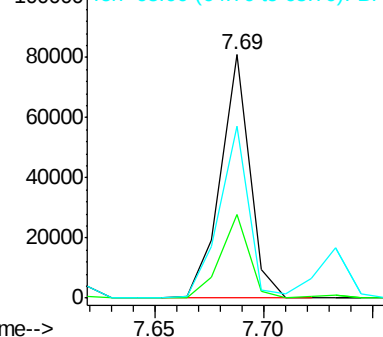
139 100

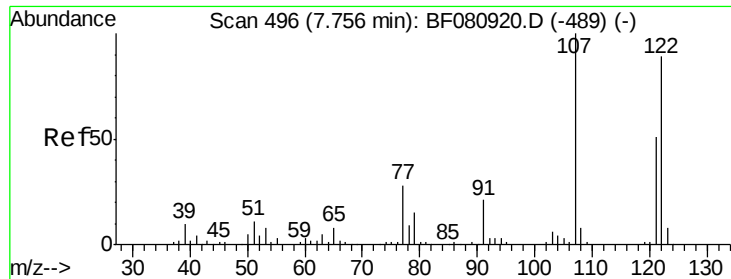
109 34.1 24.1 36.1

65 70.8 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

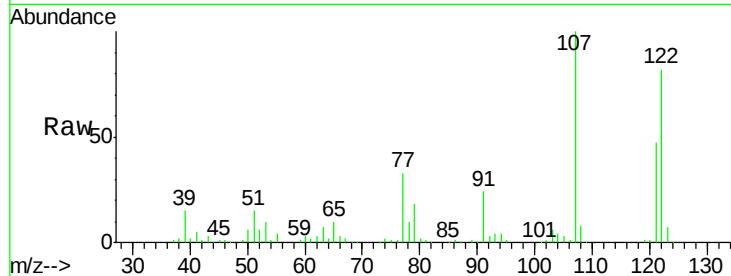




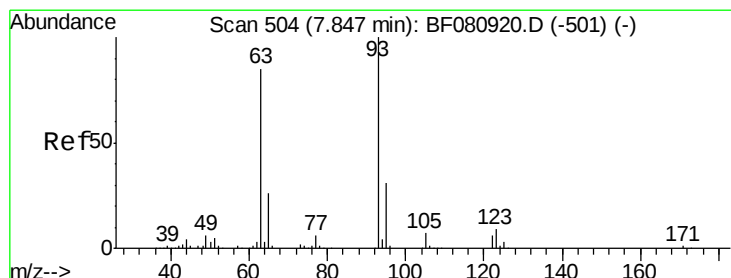
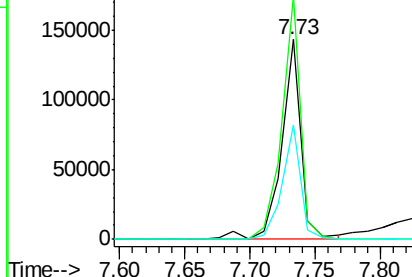
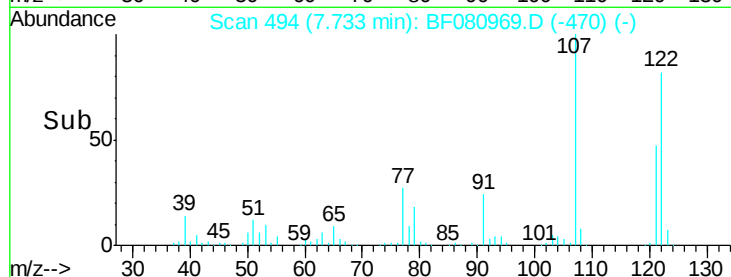
#27
2,4-Dimethylphenol
Concen: 40.88 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:122 Resp: 149268
Ion Ratio Lower Upper
122 100
107 122.0 90.2 135.4
121 57.4 46.0 69.0

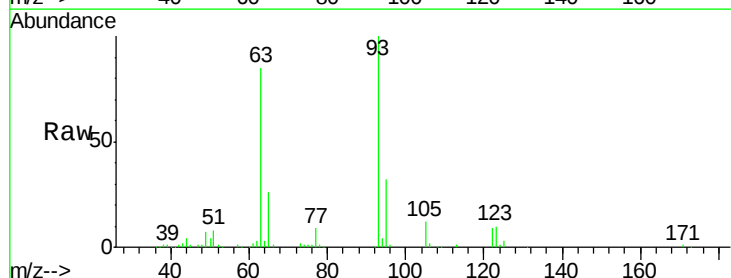


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

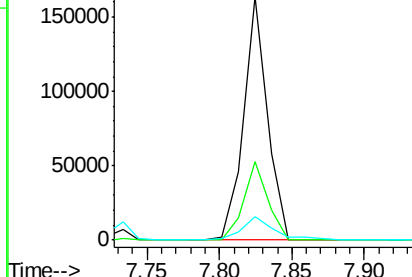
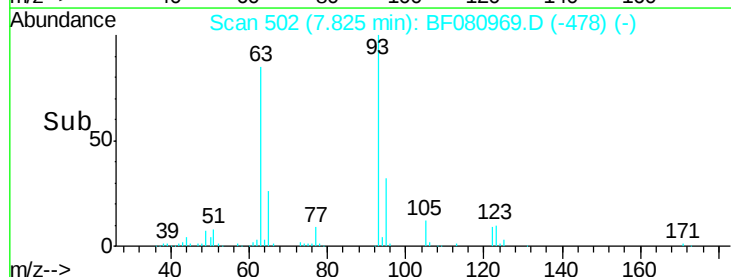


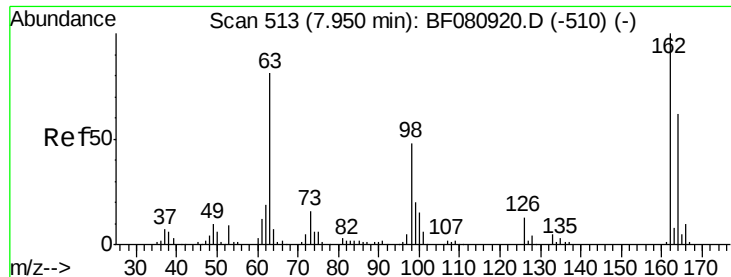
#28
bis(2-Chloroethoxy)methane
Concen: 35.69 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 93 Resp: 185469
Ion Ratio Lower Upper
93 100
95 32.1 25.0 37.4
123 9.7 7.4 11.0



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

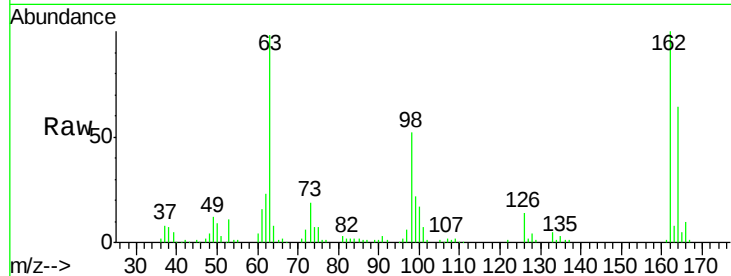




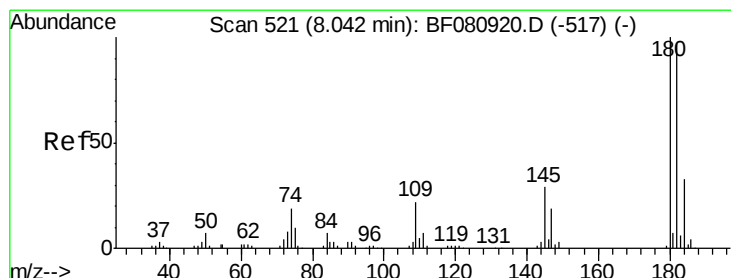
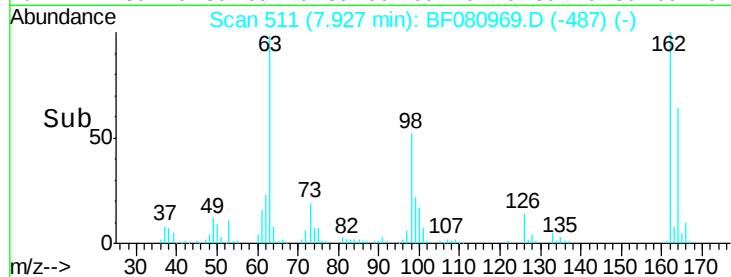
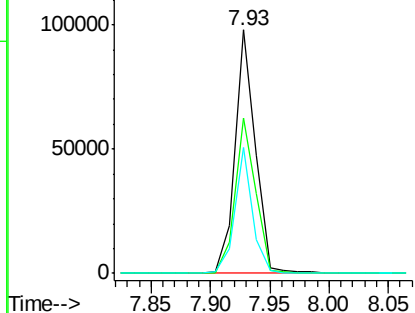
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.3	82.3
98	51.9	27.7	67.7

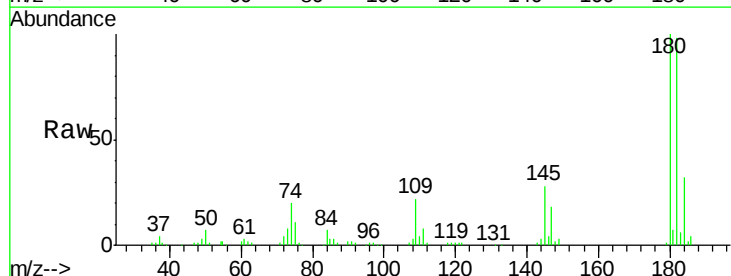


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

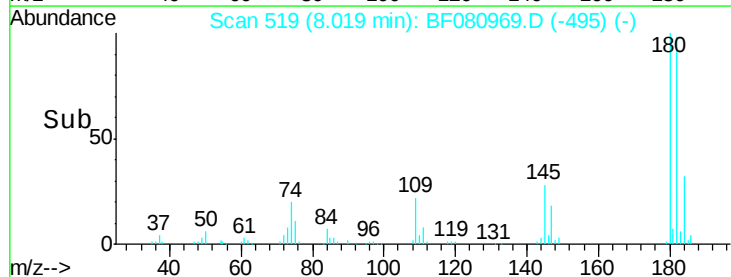
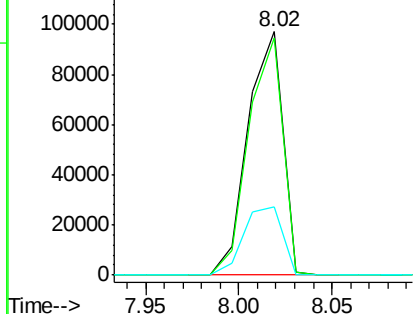


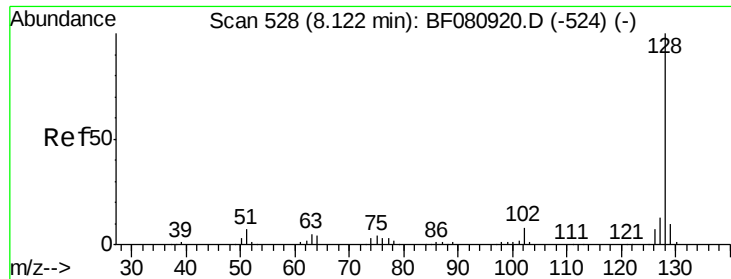
#30
 1,2,4-Trichlorobenzene
 Concen: 38.24 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.4	116.0
145	28.2	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

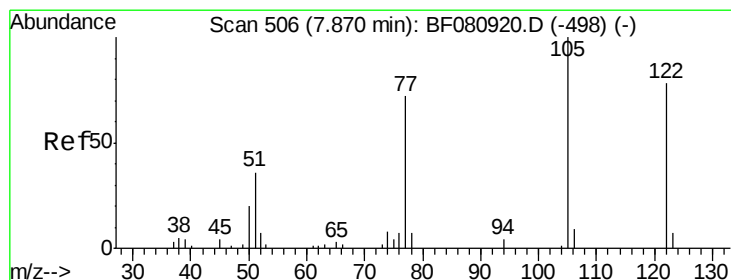
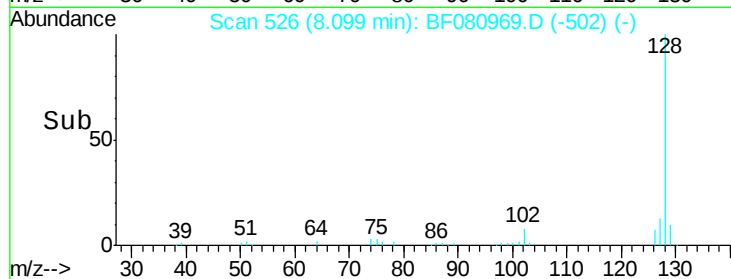
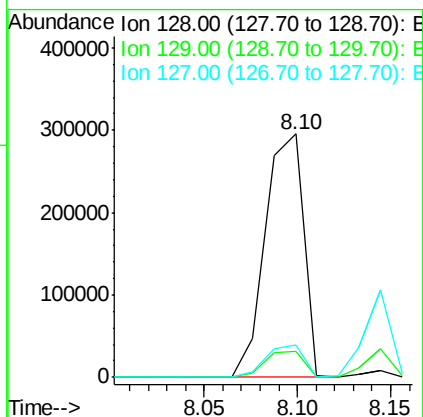
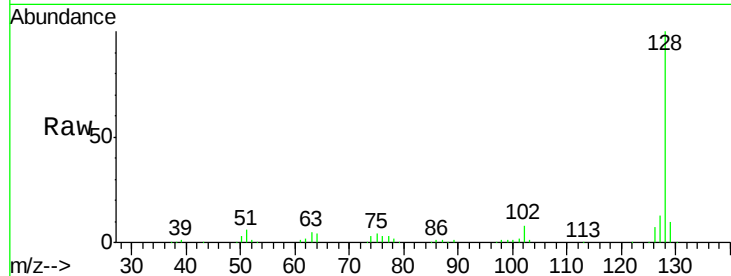




#31
Naphthalene
Concen: 35.97 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

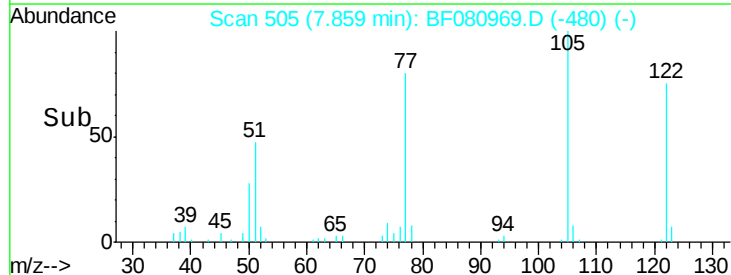
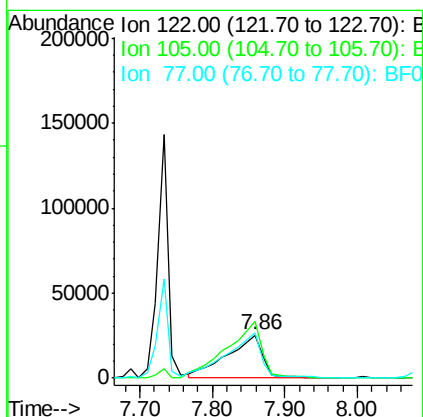
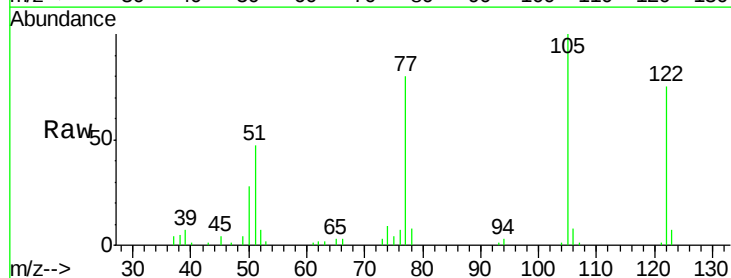
Instrument :
BNA_F
ClientSampleId :
PB84838BS

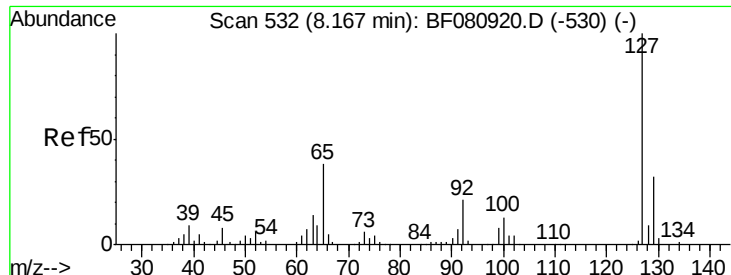
Tot Ion:128 Resp: 422094
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.37 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:122 Resp: 88245
Ion Ratio Lower Upper
122 100
105 133.5 103.6 143.6
77 106.5 70.4 110.4

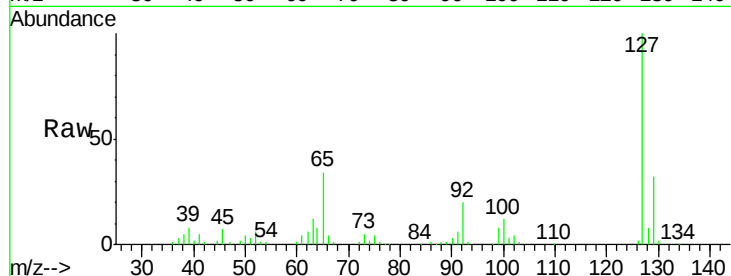




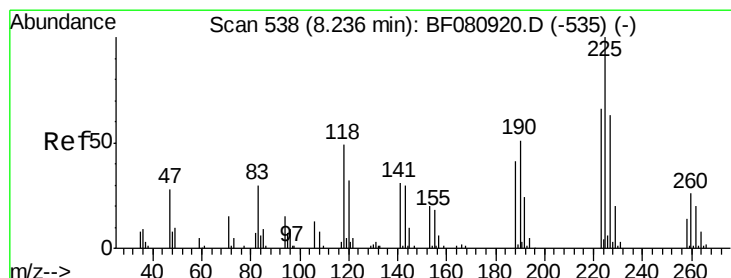
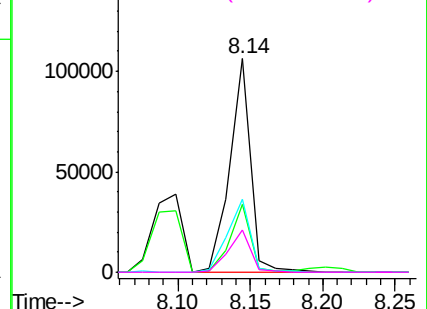
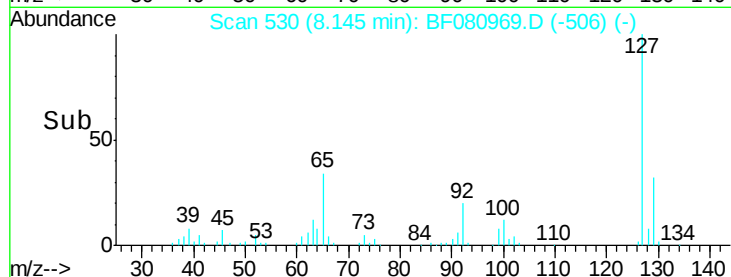
#33
4-Chloroaniline
Concen: 22.20 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:	127	Resp:	105906
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	34.4	30.6	45.8
92	19.9	16.9	25.3

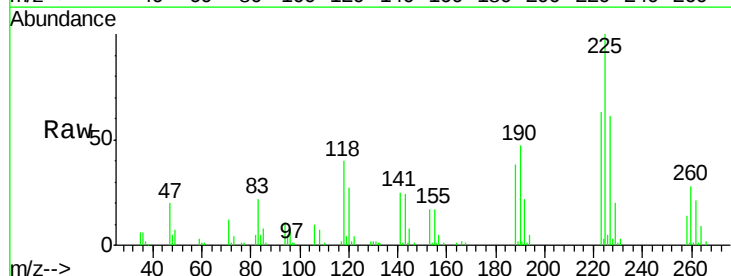


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

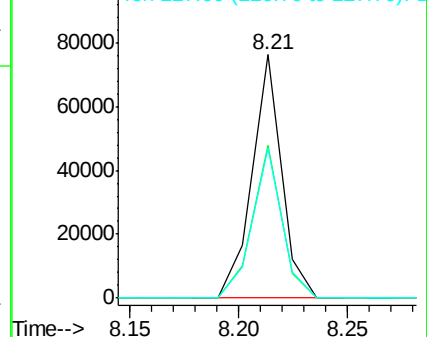
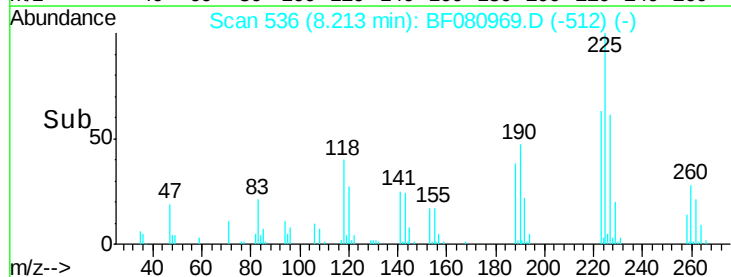


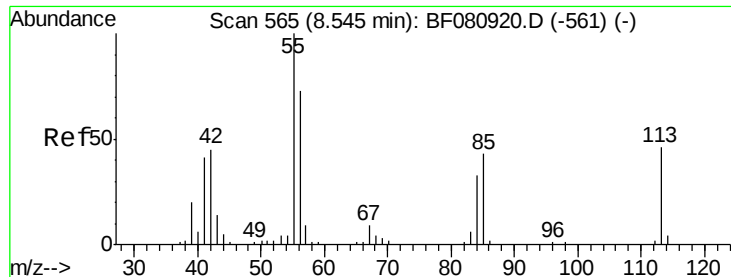
#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:	225	Resp:	71940
Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.5	78.7
227	61.4	50.3	75.5



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

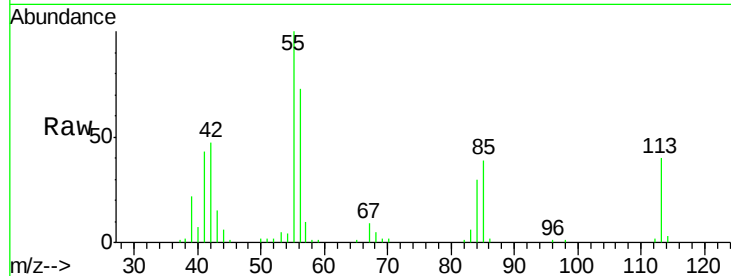




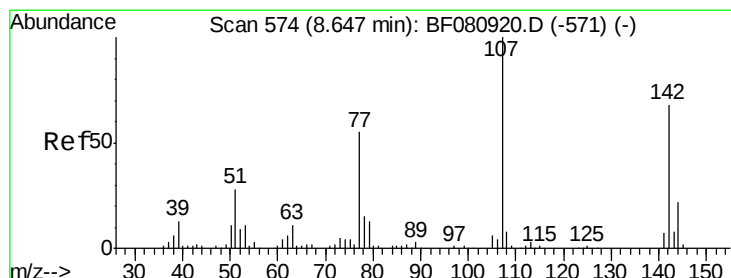
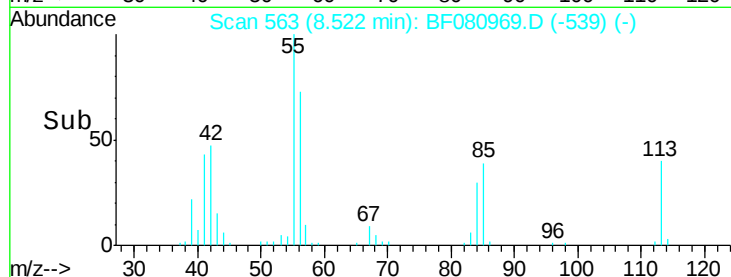
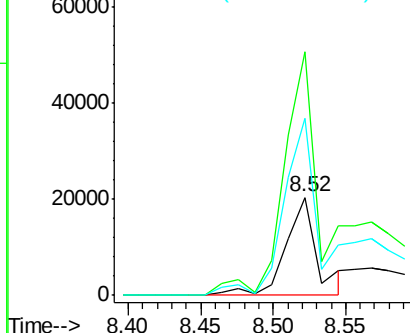
#35
 Caprolactam
 Concen: 28.23 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleID :
 PB84838BS

Tot Ion:113 Resp: 30473
 Ion Ratio Lower Upper
 113 100
 55 248.0 196.4 236.4#
 56 179.9 137.9 177.9#

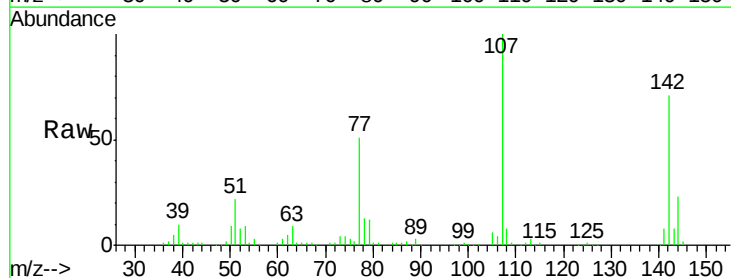


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

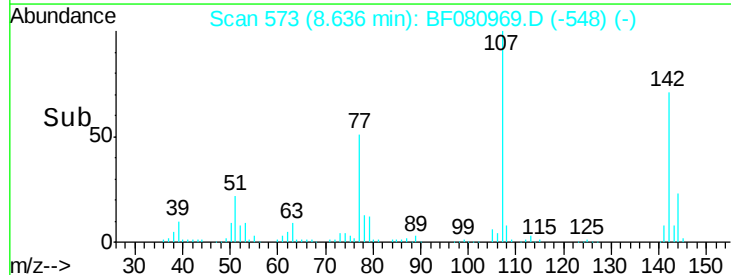
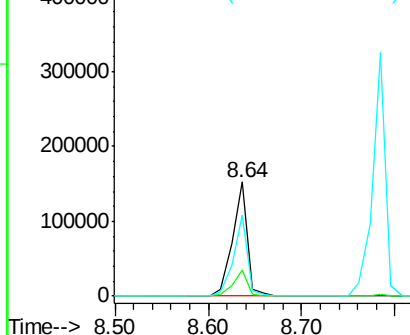


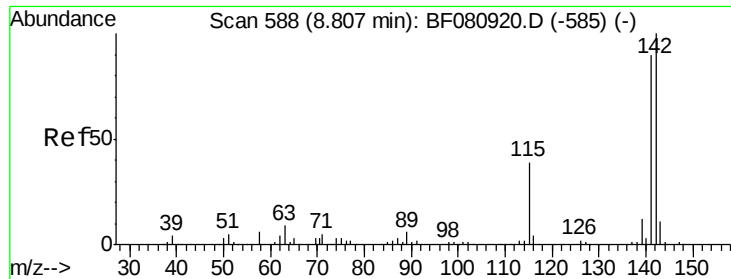
#36
 4-Chloro-3-methylphenol
 Concen: 46.79 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:107 Resp: 171303
 Ion Ratio Lower Upper
 107 100
 144 23.3 17.3 25.9
 142 71.4 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

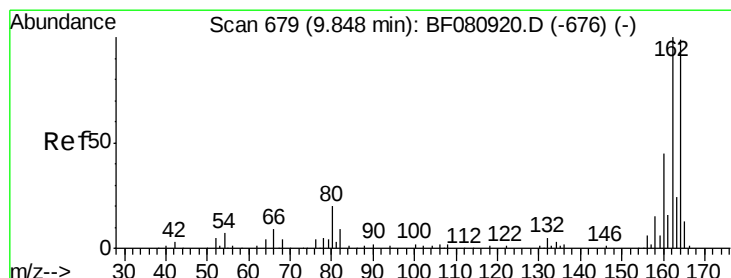
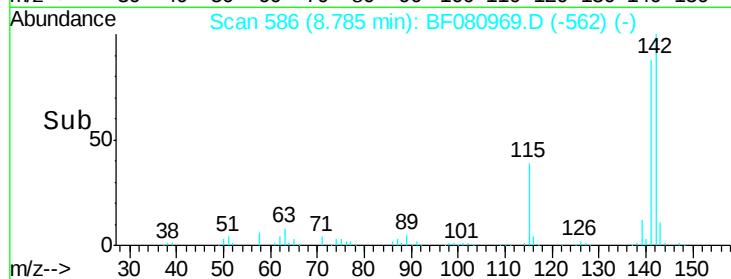
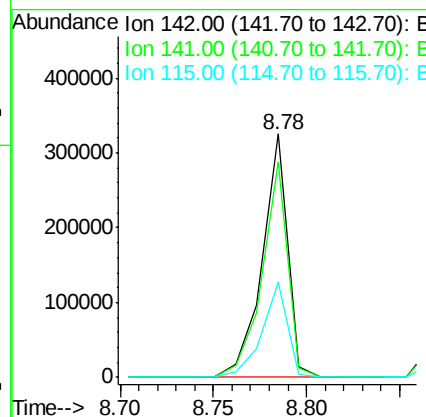
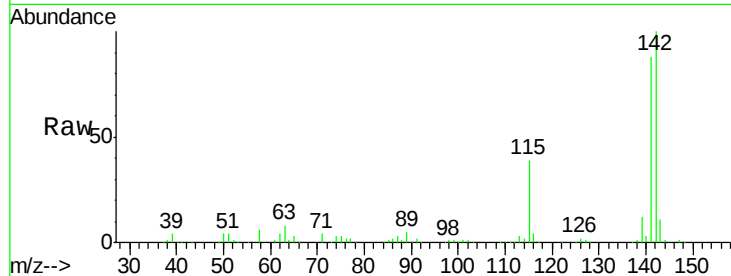




#37
 2-Methylnaphthalene
 Concen: 41.75 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

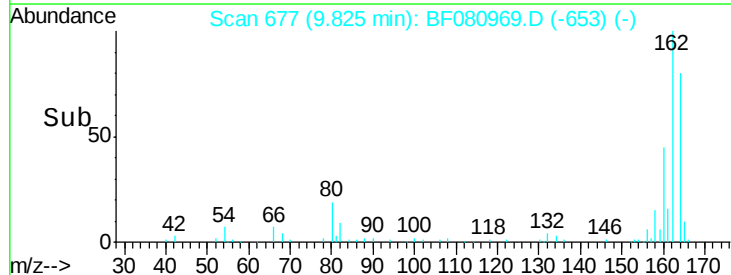
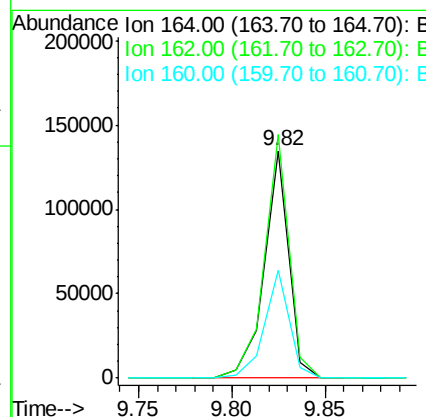
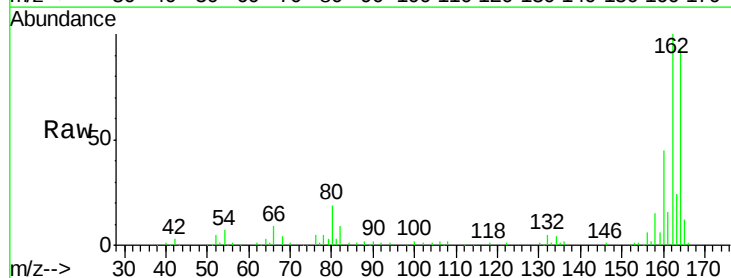
Instrument :
 BNA_F
 ClientSampled :
 PB84838BS

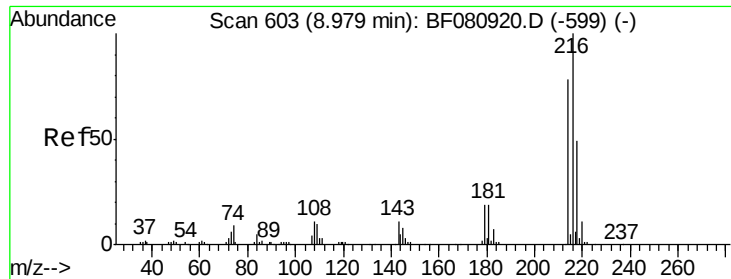
Tot Ion:142 Resp: 311888
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.7 107.5
 115 39.0 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:164 Resp: 121596
 Ion Ratio Lower Upper
 164 100
 162 107.0 80.5 120.7
 160 47.7 36.6 54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.64 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

Tot Ion:216 Resp: 126102

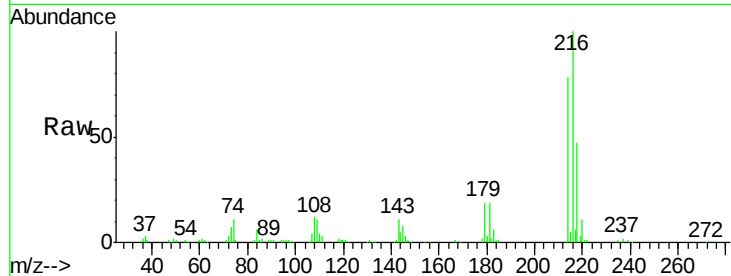
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 21.6 17.2 25.8

108 22.6 16.1 24.1

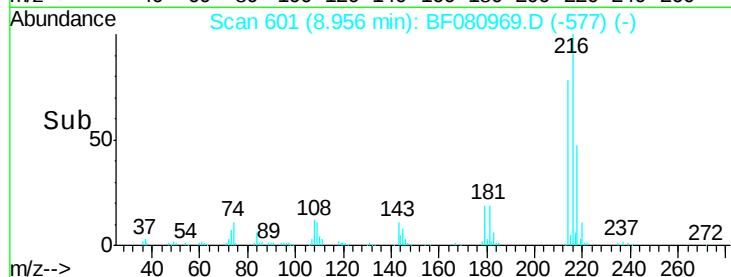


Abundance Ion 216.00 (215.70 to 216.70): E

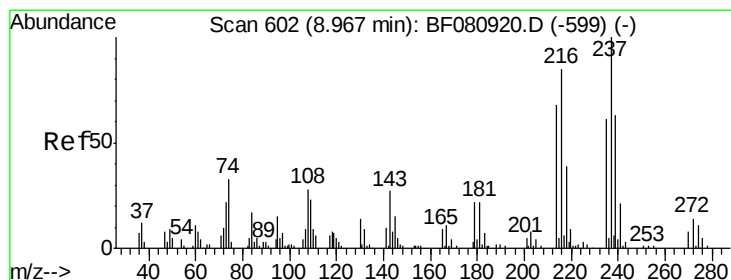
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 82.15 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

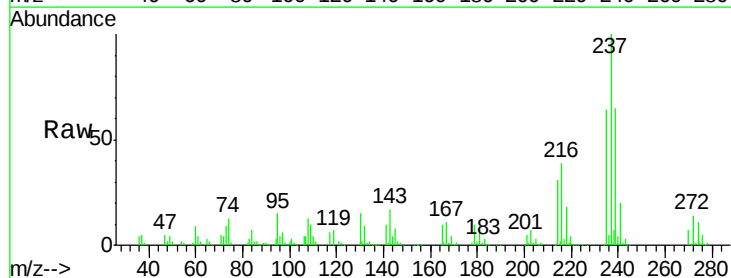
Tgt Ion:237 Resp: 168042

Ion Ratio Lower Upper

237 100

235 63.8 41.3 81.3

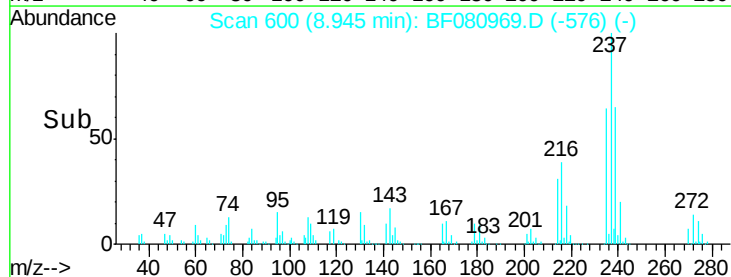
272 14.0 0.0 33.6



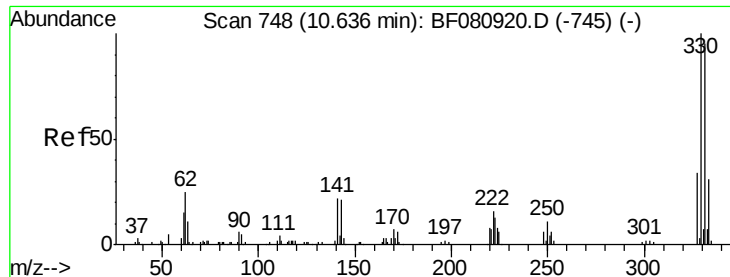
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



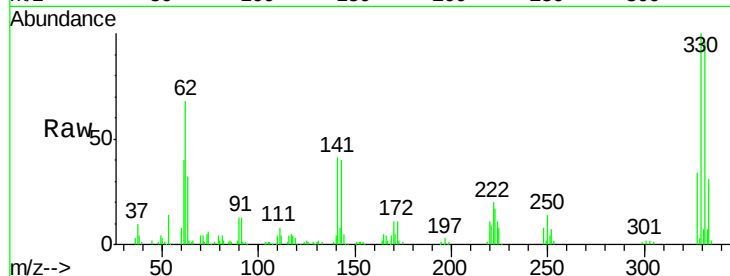
Time-->



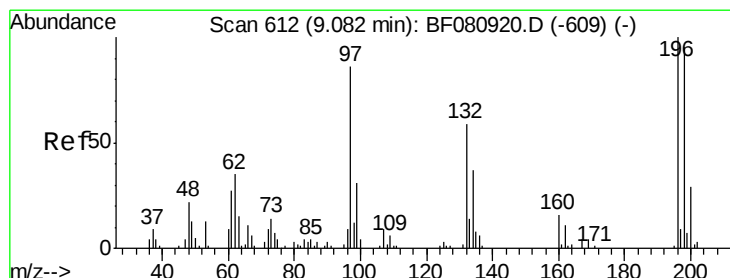
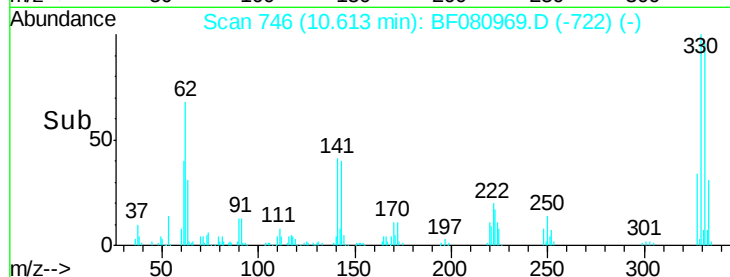
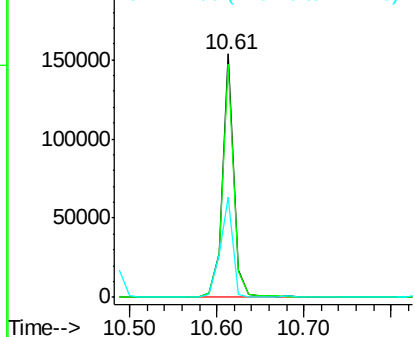
#41
 2,4,6-Tribromophenol
 Concen: 106.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:330 Resp: 142128
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 46.1 27.8 41.8#

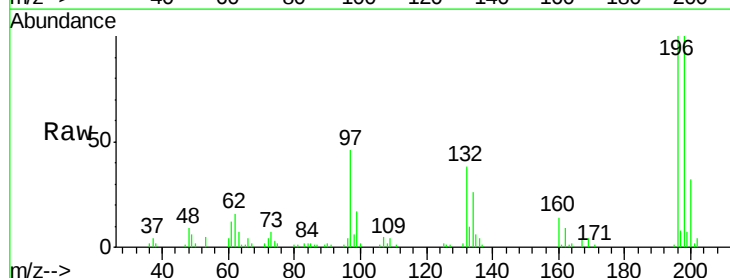


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

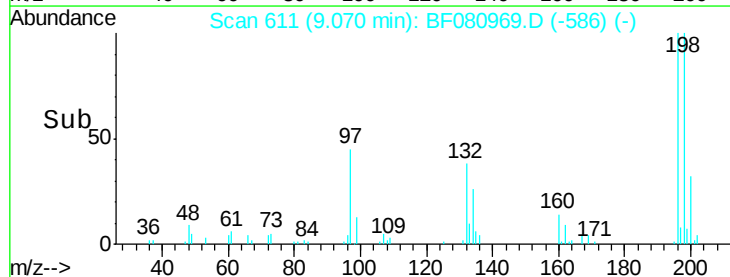
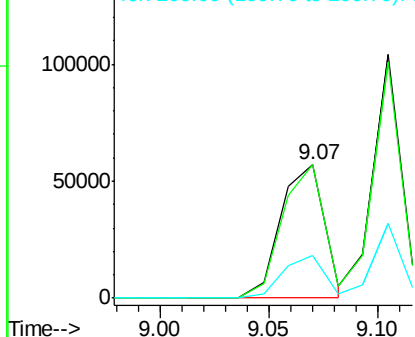


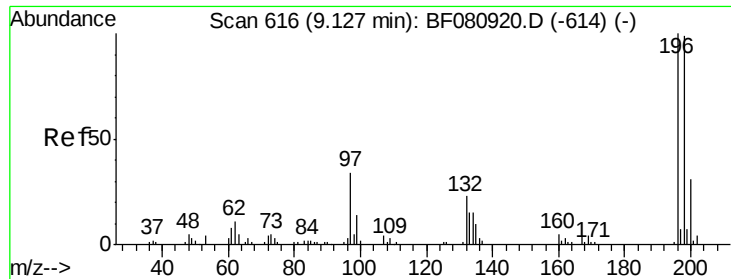
#42
 2,4,6-Trichlorophenol
 Concen: 29.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:196 Resp: 80090
 Ion Ratio Lower Upper
 196 100
 198 100.2 75.9 113.9
 200 31.7 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

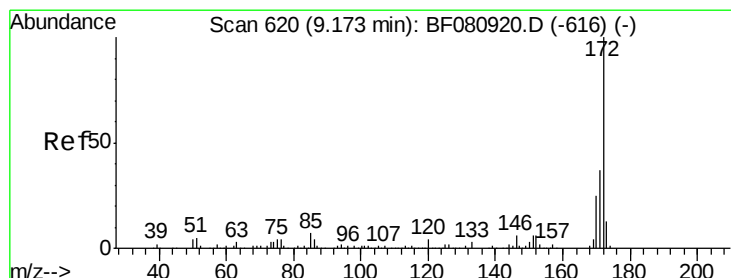
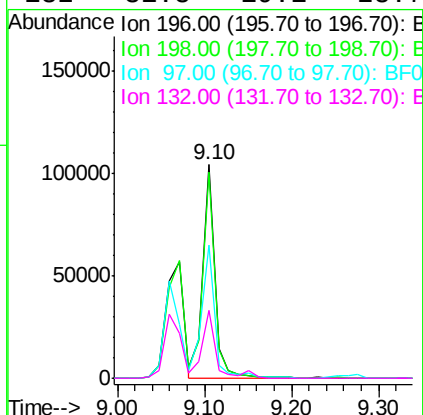
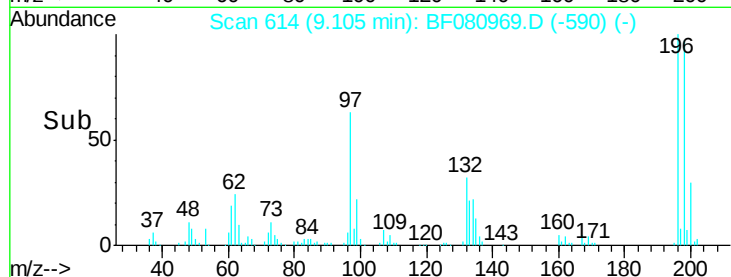
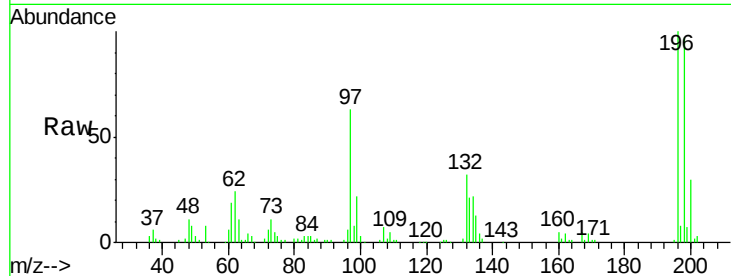




#43
 2,4,5-Trichlorophenol
 Concen: 36.51 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

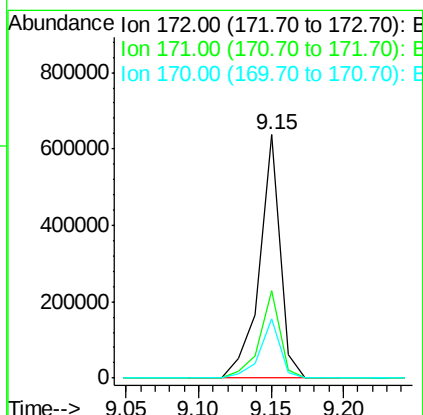
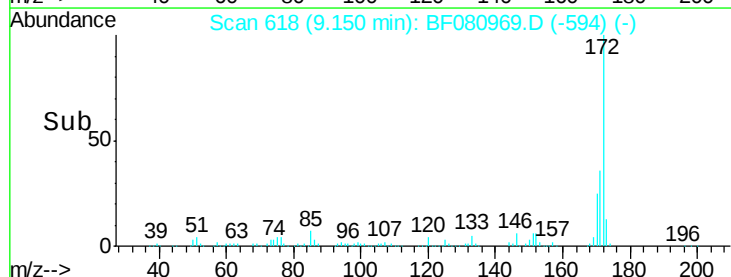
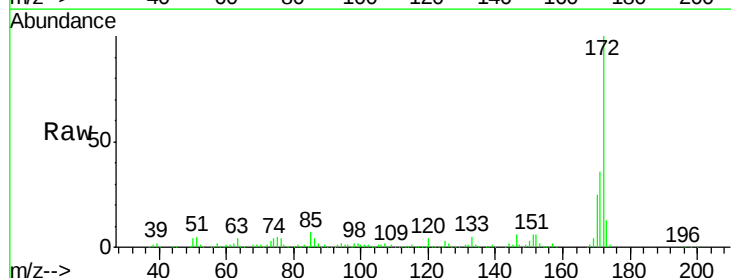
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

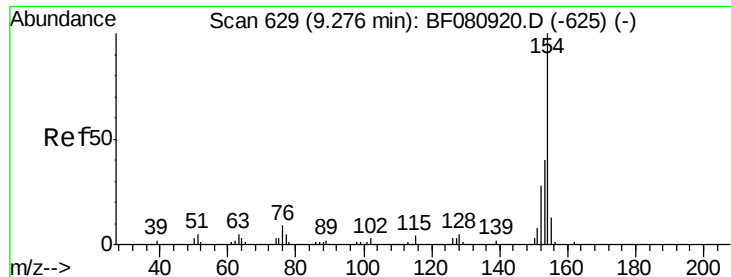
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.9	118.3
97	62.6	29.1	43.7#
132	31.8	19.1	28.7#



#44
 2-Fluorobiphenyl
 Concen: 72.50 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.6	19.7	29.5

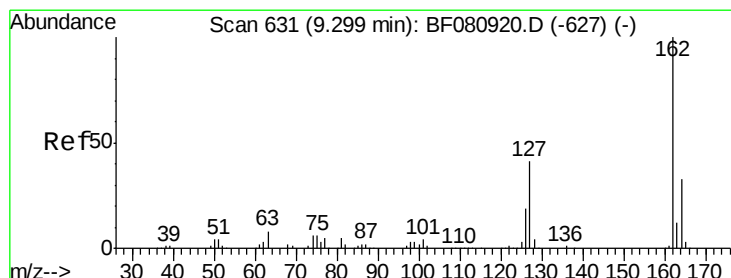
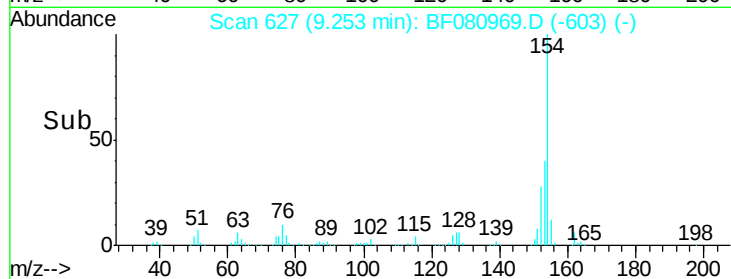
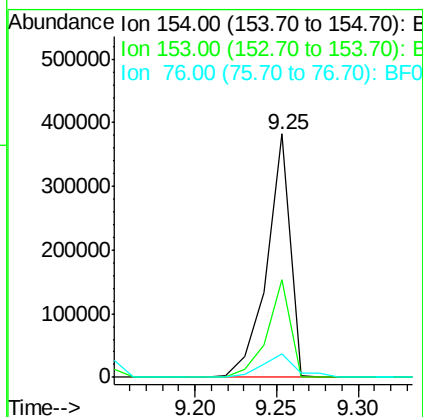
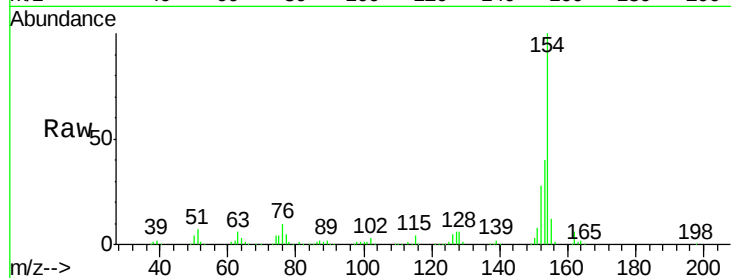




#45
 1,1'-Biphenyl
 Concen: 36.41 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

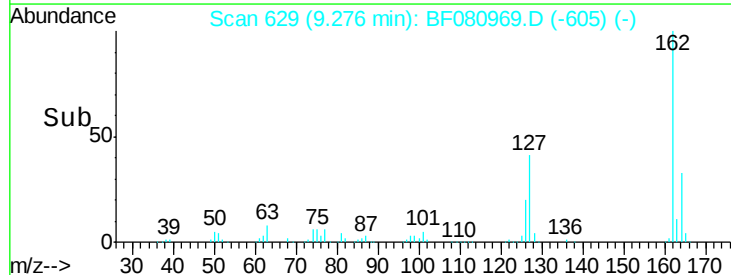
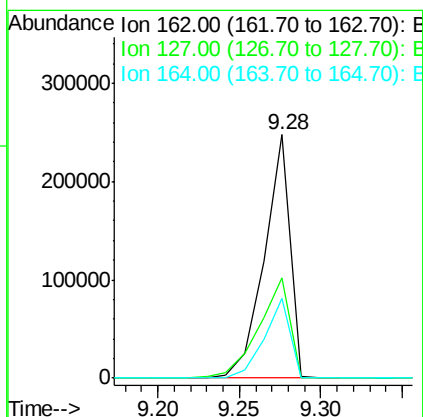
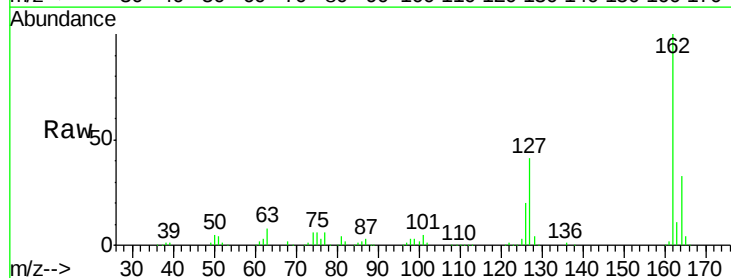
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

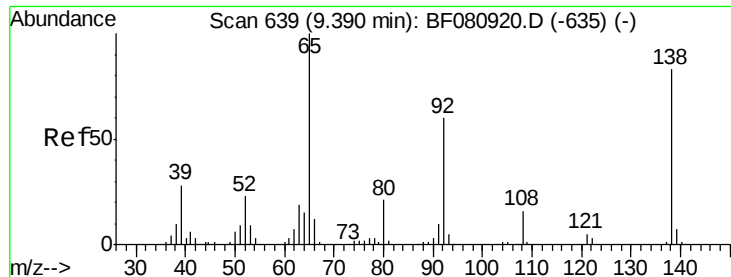
Tot Ion:154 Resp: 379980
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.1 60.1
 76 9.6 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 33.40 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:162 Resp: 271787
 Ion Ratio Lower Upper
 162 100
 127 41.3 32.5 48.7
 164 32.7 26.2 39.4

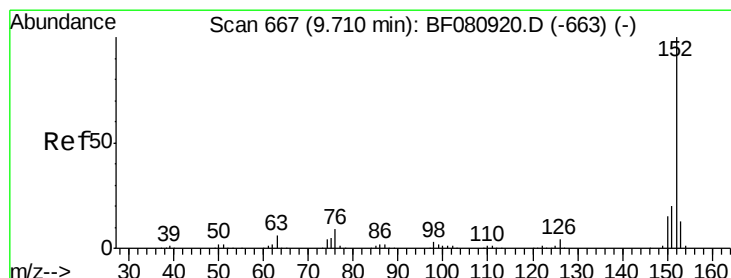
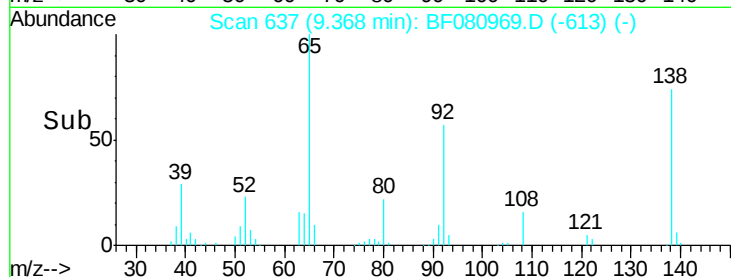
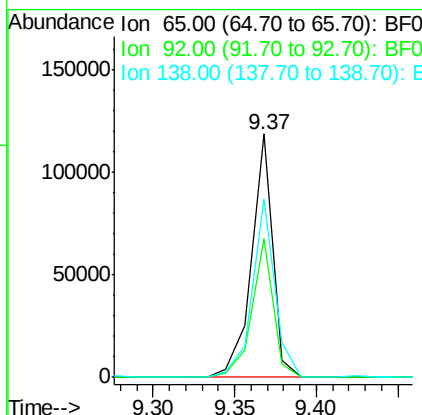
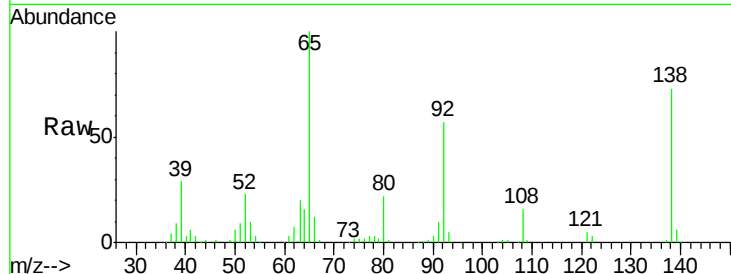




#47
2-Nitroaniline
Concen: 32.83 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

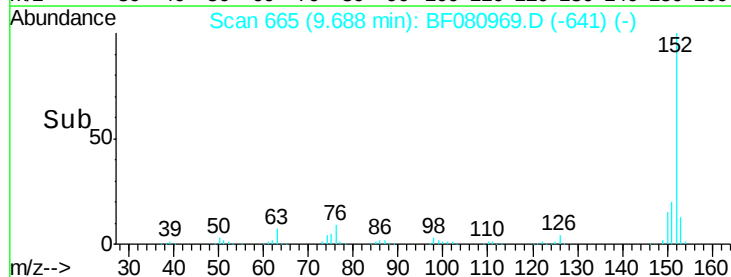
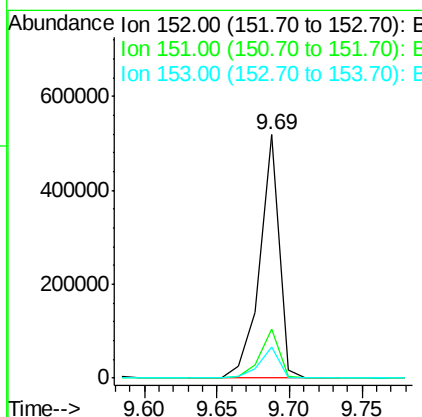
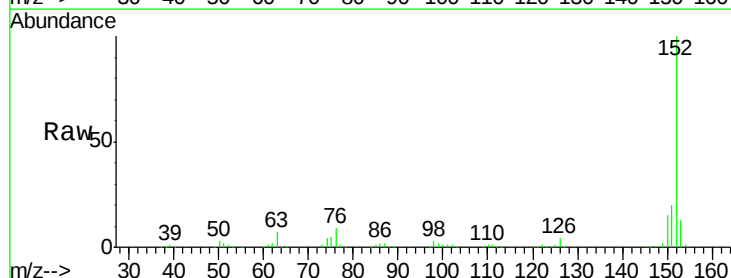
Instrument :
BNA_F
ClientSampleId :
PB84838BS

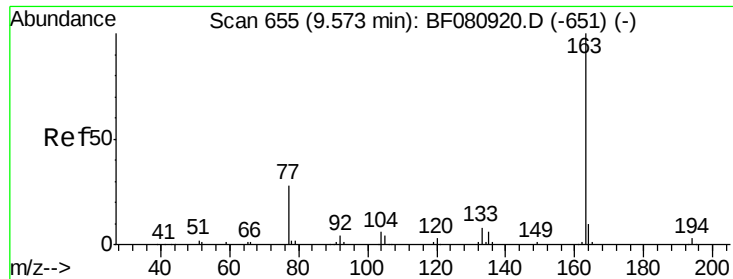
Tot Ion: 65 Resp: 107114
Ion Ratio Lower Upper
65 100
92 57.0 48.0 72.0
138 73.3 66.1 99.1



#48
Acenaphthylene
Concen: 34.03 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 152 Resp: 481345
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.0 10.5 15.7

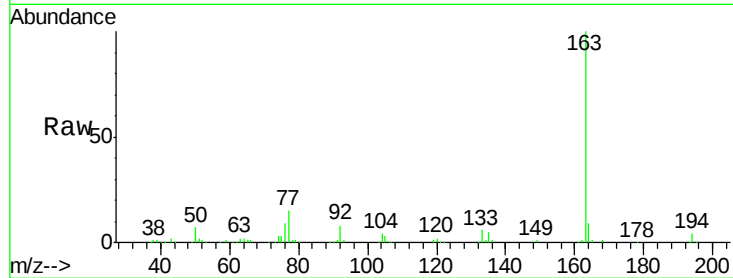




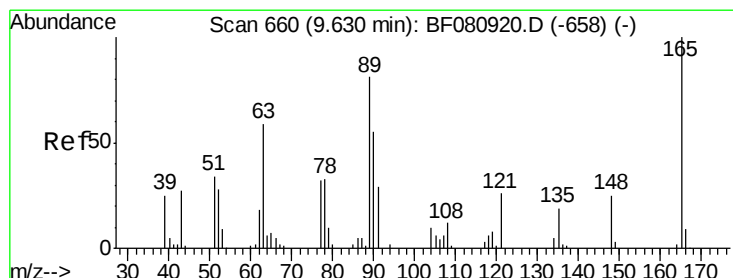
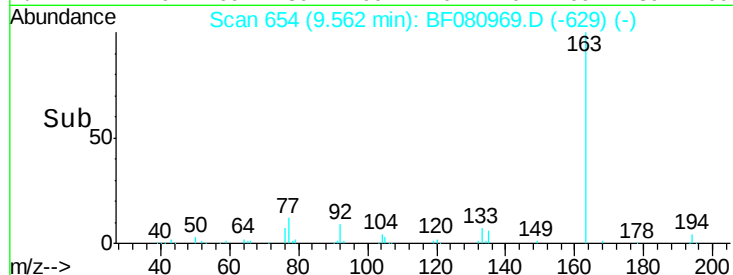
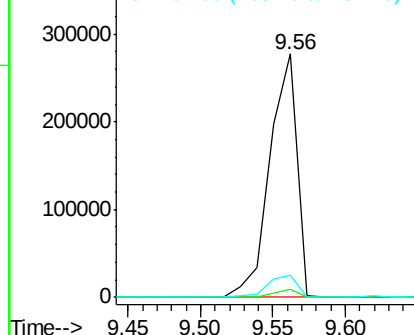
#49
Dimethylphthalate
Concen: 35.54 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:163 Resp: 358955
Ion Ratio Lower Upper
163 100
194 3.6 2.4 3.6
164 9.3 8.2 12.4

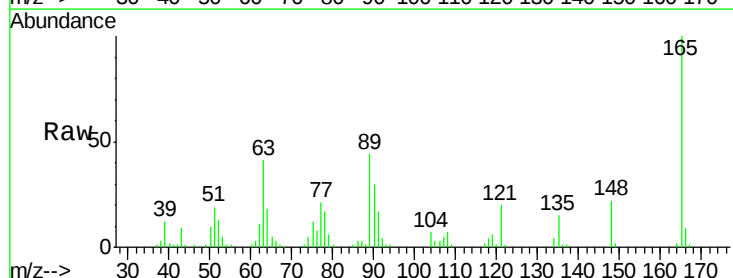


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

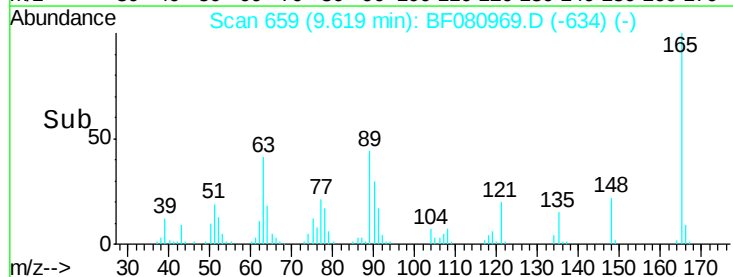
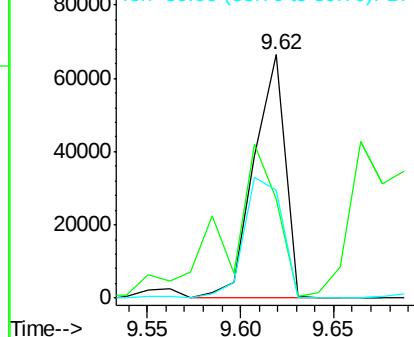


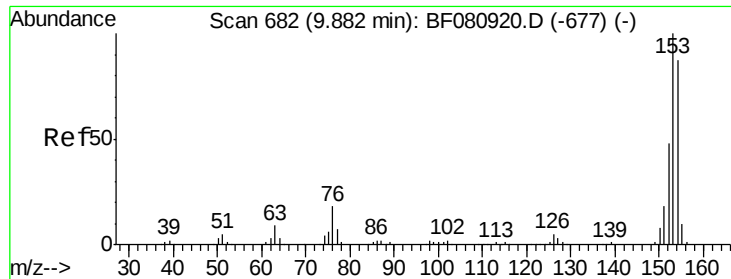
#50
2,6-Dinitrotoluene
Concen: 36.65 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:165 Resp: 76473
Ion Ratio Lower Upper
165 100
63 40.8 77.6 116.4#
89 44.2 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: 40.52 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

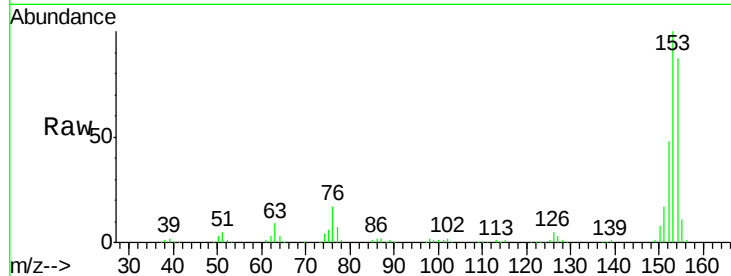
Tot Ion:154 Resp: 350988

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

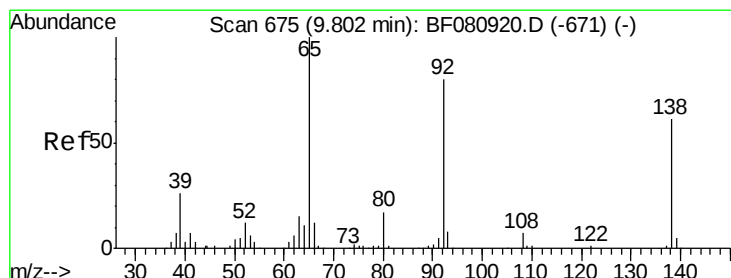
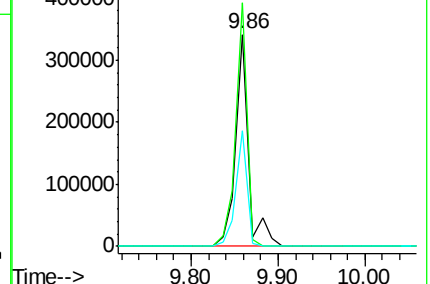
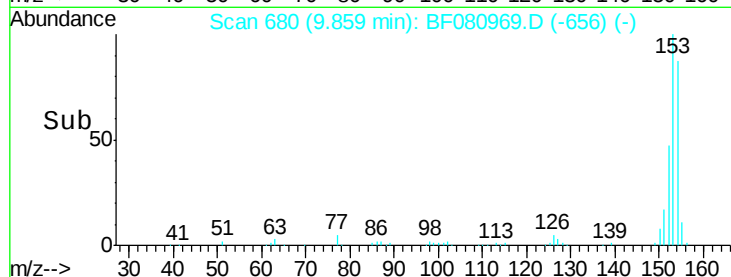
152 54.7 44.2 66.4



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: 24.07 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

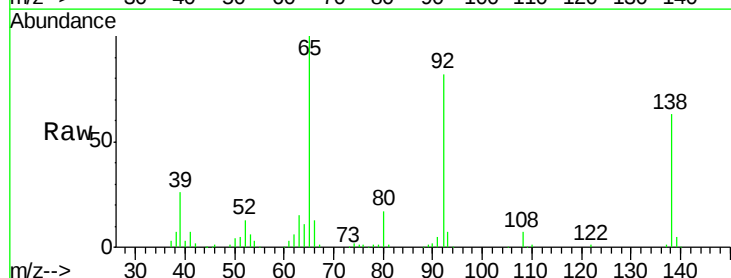
Tgt Ion:138 Resp: 61932

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

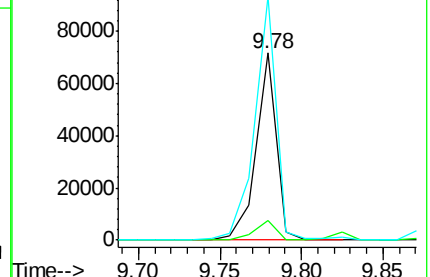
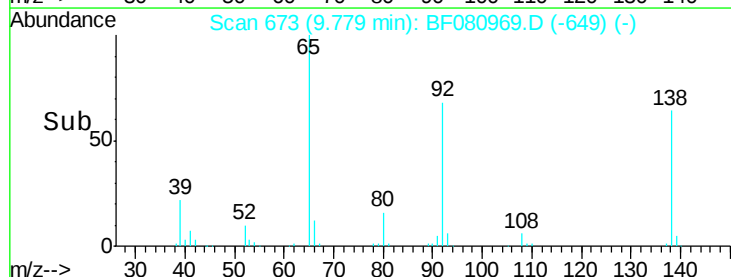
92 130.3 104.4 156.6

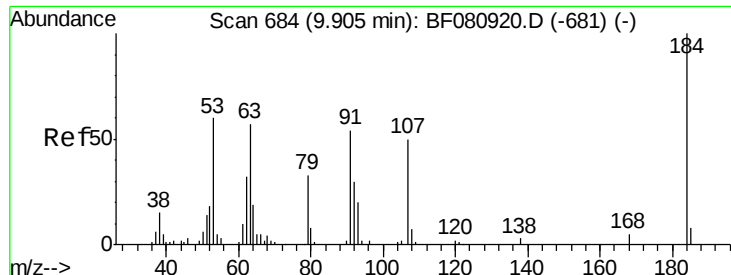


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

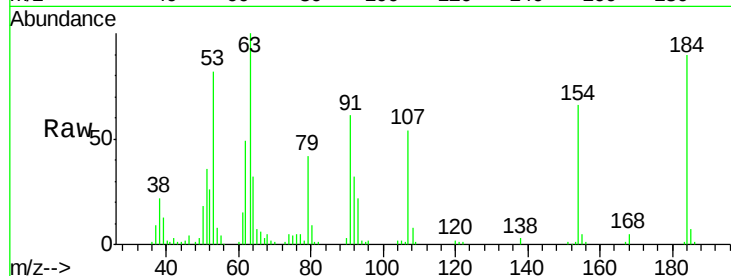




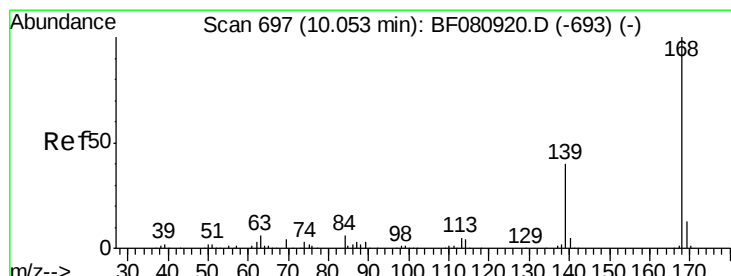
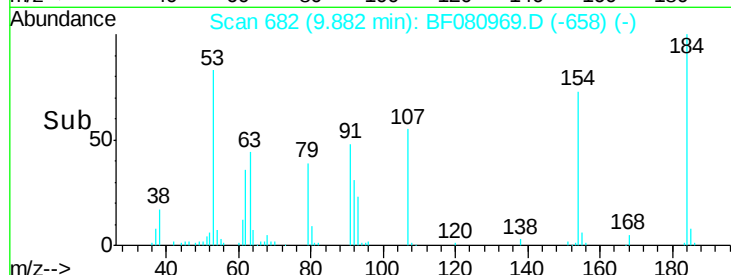
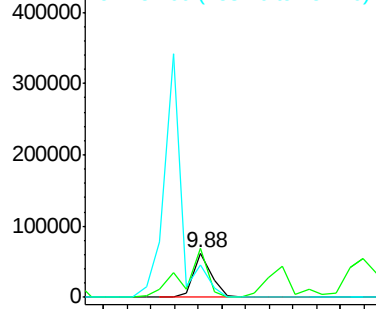
#53
2,4-Dinitrophenol
Concen: 53.86 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :
PB84838BS

Tot Ion:184 Resp: 65520
Ion Ratio Lower Upper
184 100
63 111.4 59.7 89.5#
154 73.0 53.8 80.8

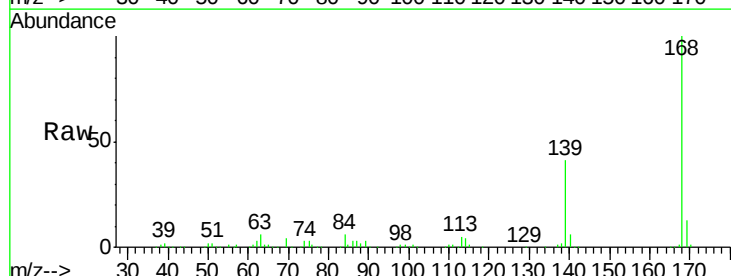


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

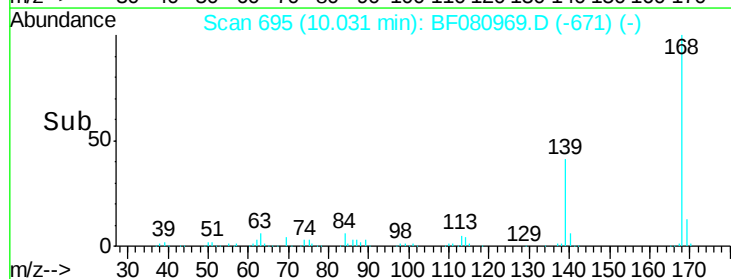
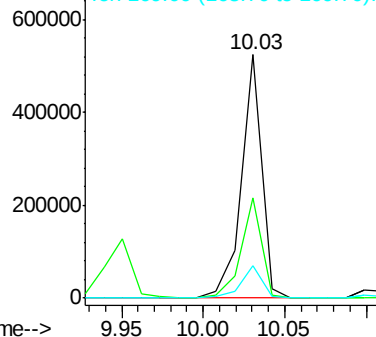


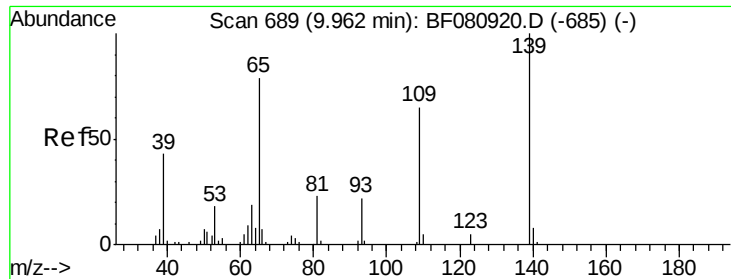
#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion:168 Resp: 456066
Ion Ratio Lower Upper
168 100
139 41.1 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: 78.45 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleID :

PB84838BS

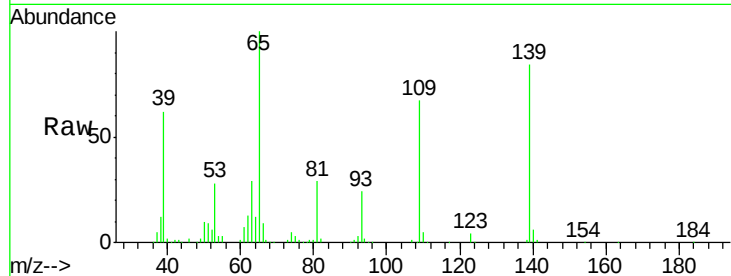
Tot Ion:139 Resp: 151070

Ion Ratio Lower Upper

139 100

109 80.0 44.7 84.7

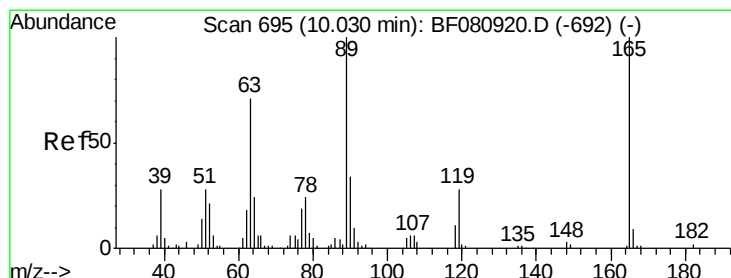
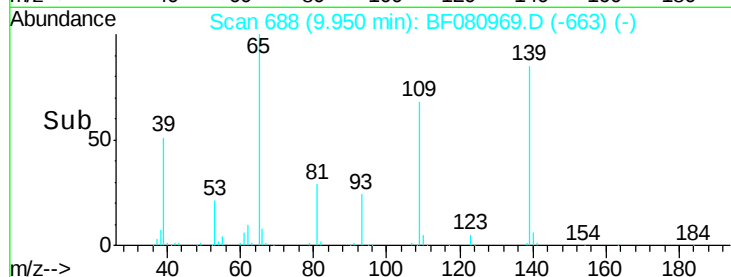
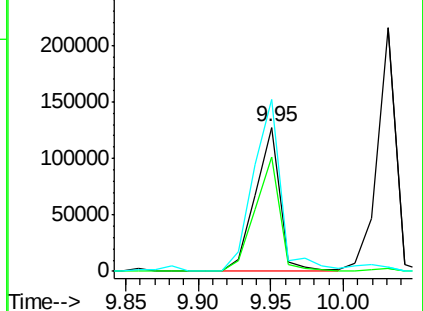
65 119.6 59.5 99.5#



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: 42.83 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:165 Resp: 119604

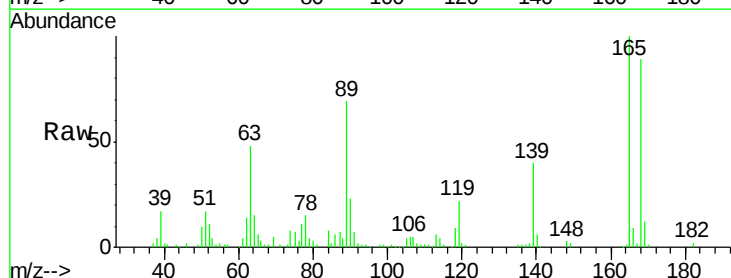
Ion Ratio Lower Upper

165 100

63 47.7 56.7 85.1#

89 69.0 80.4 120.6#

182 2.1 1.5 2.3

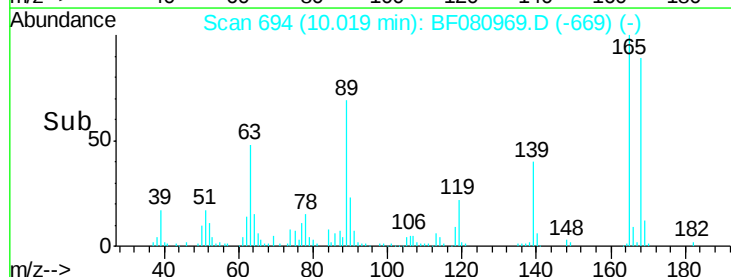
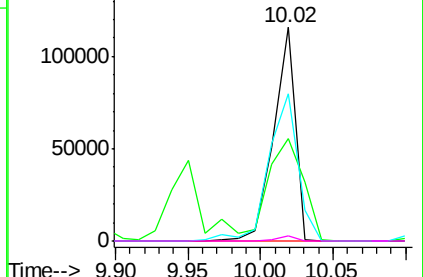


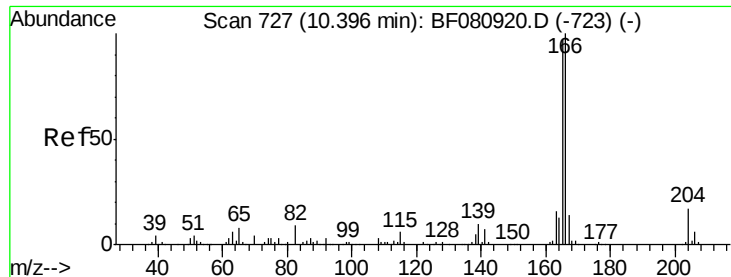
Abundance Ion 165.00 (164.70 to 165.70): E

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

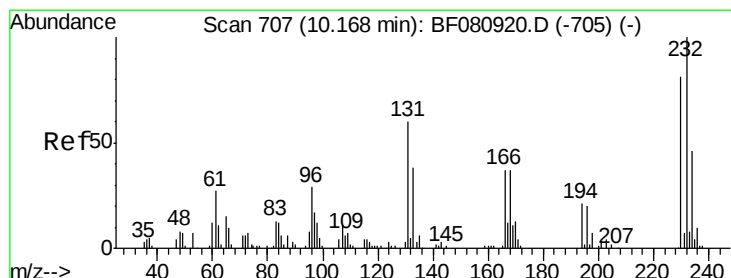
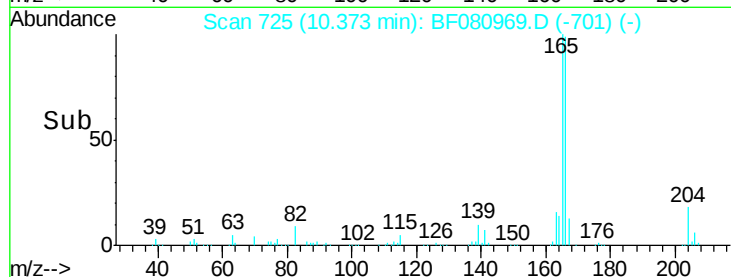
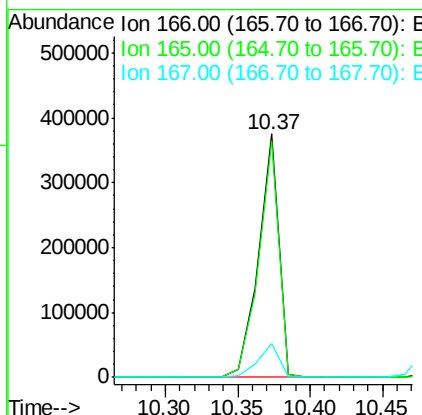
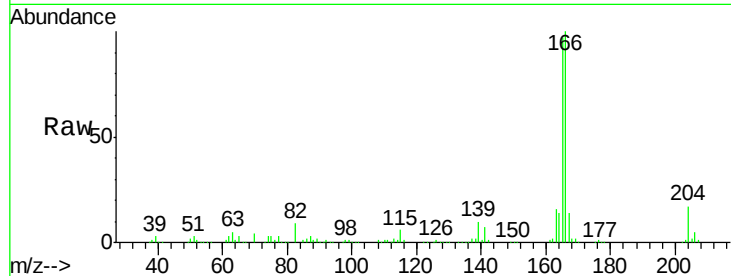




#57
 Fluorene
 Concen: 40.16 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

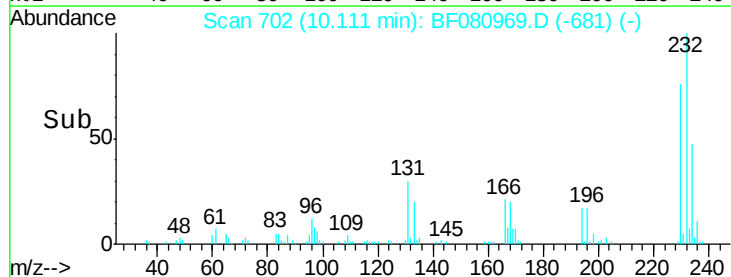
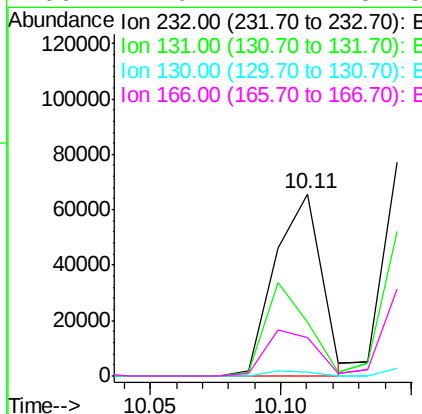
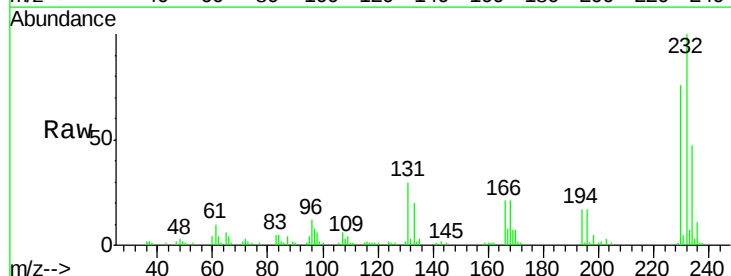
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

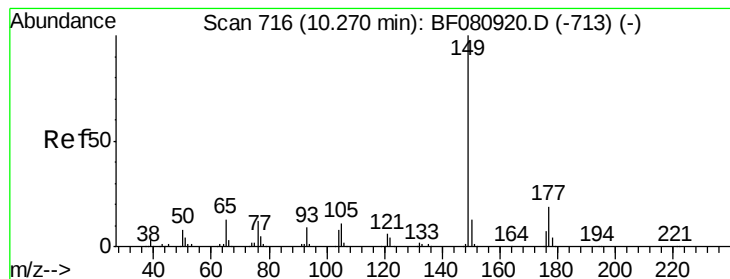
Tot Ion:166 Resp: 363874
 Ion Ratio Lower Upper
 166 100
 165 96.8 77.2 115.8
 167 13.9 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.17 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.06 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:232 Resp: 81451
 Ion Ratio Lower Upper
 232 100
 131 47.5 39.4 59.2
 130 2.7 2.1 3.1
 166 27.0 21.7 32.5





#59

Diethylphthalate

Concen: 37.83 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

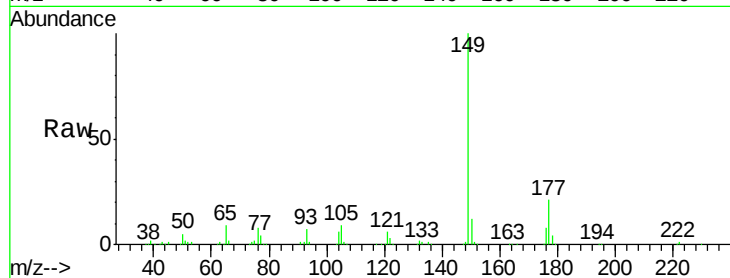
Tot Ion:149 Resp: 397735

Ion Ratio Lower Upper

149 100

177 21.0 15.0 22.4

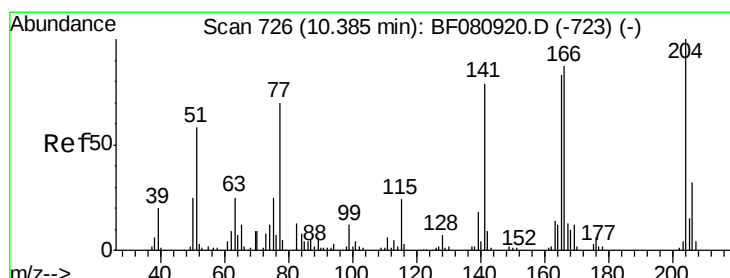
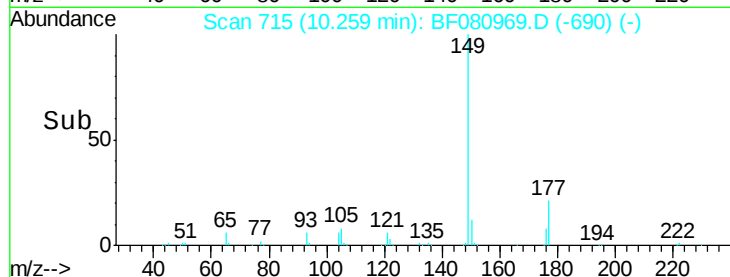
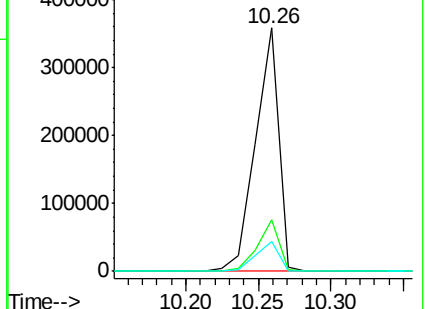
150 12.4 10.4 15.6



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: 33.23 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

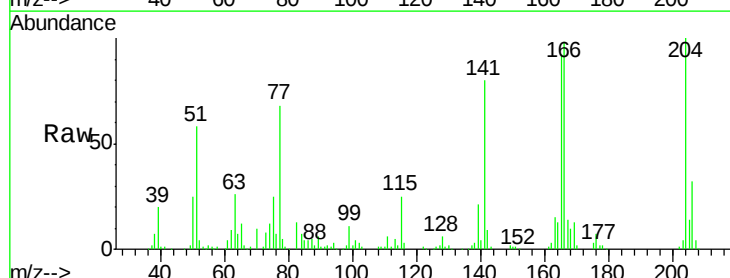
Tgt Ion:204 Resp: 146713

Ion Ratio Lower Upper

204 100

206 32.2 25.5 38.3

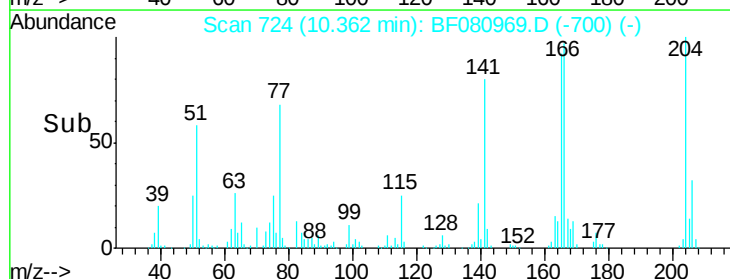
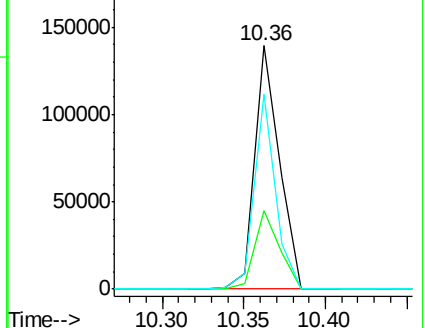
141 79.9 63.4 95.0

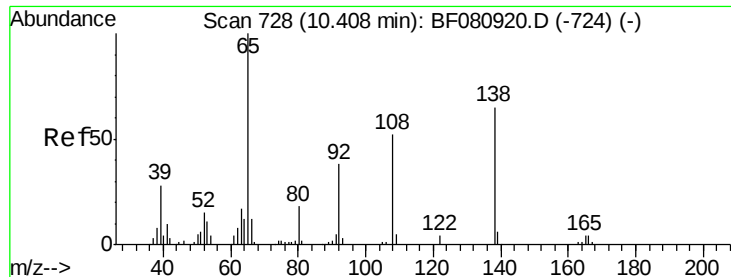


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

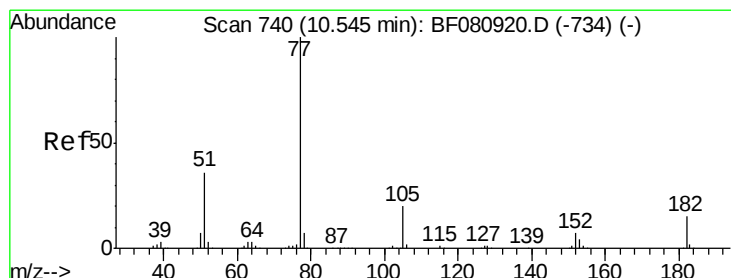
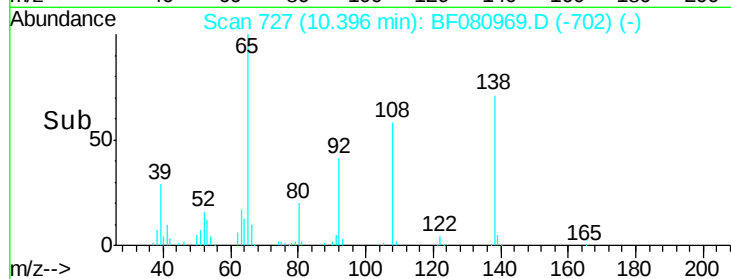
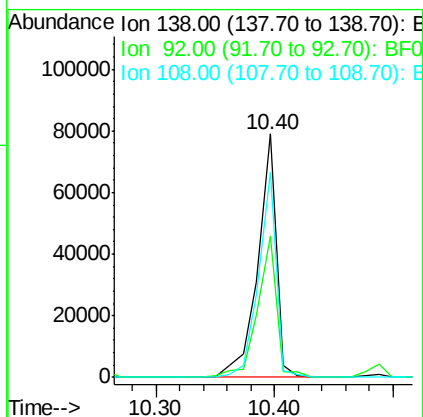
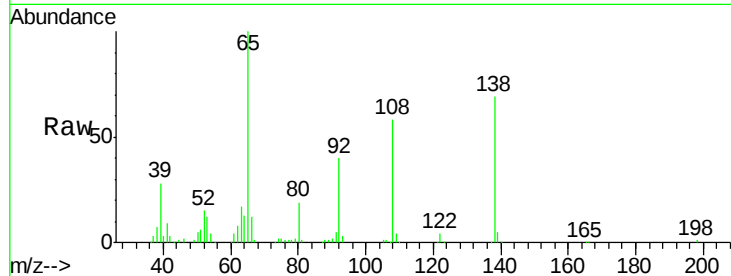




#61
4-Nitroaniline
Concen: 32.72 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

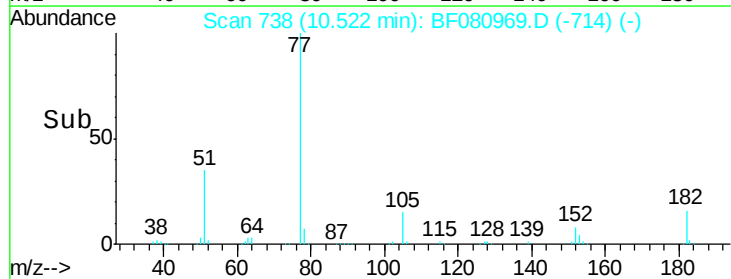
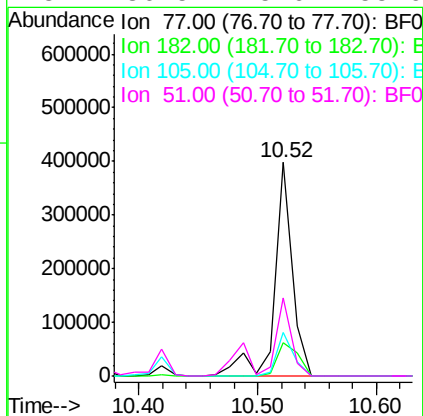
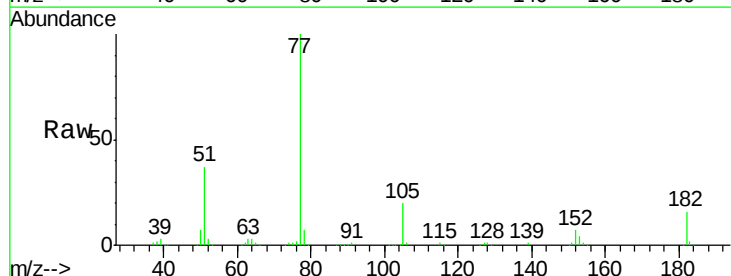
Instrument :
BNA_F
ClientSampleId :
PB84838BS

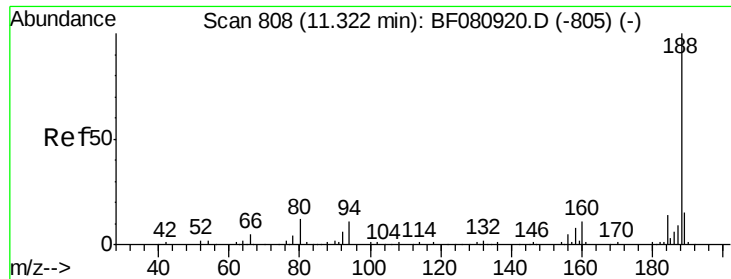
Tot Ion:138 Resp: 86607
Ion Ratio Lower Upper
138 100
92 58.3 38.1 78.1
108 84.3 59.9 99.9



#62
Azobenzene
Concen: 35.27 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion: 77 Resp: 414609
Ion Ratio Lower Upper
77 100
182 15.6 0.0 35.5
105 20.2 0.5 40.5
51 36.5 15.6 55.6

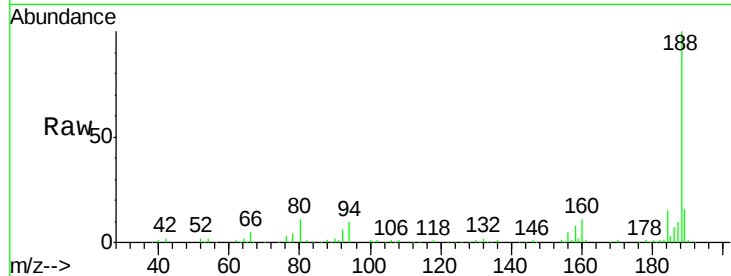




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

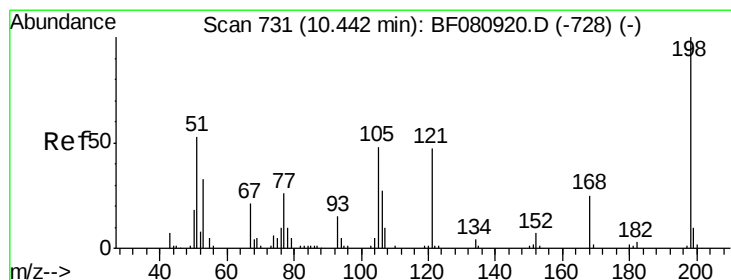
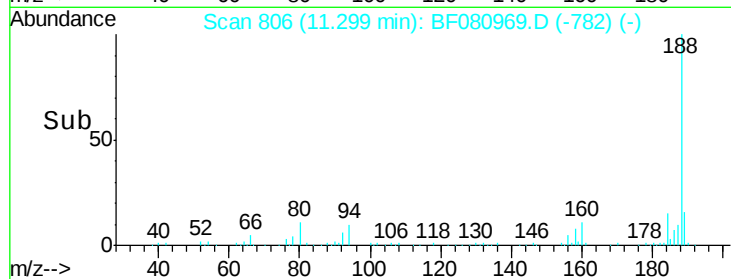
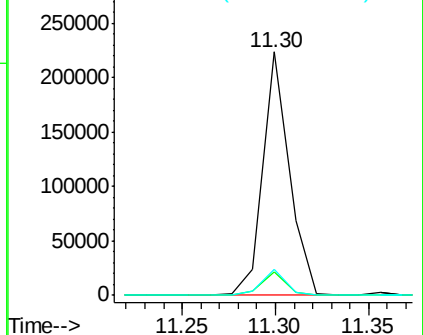
Tot Ion	188	Resp	218324
Ion Ratio	100	Lower	Upper
94	9.8	8.8	13.2
80	10.8	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

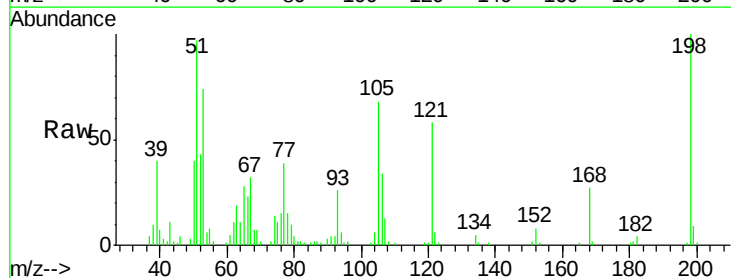
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 35.23 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

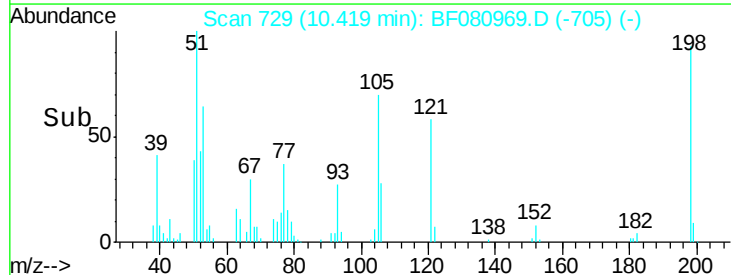
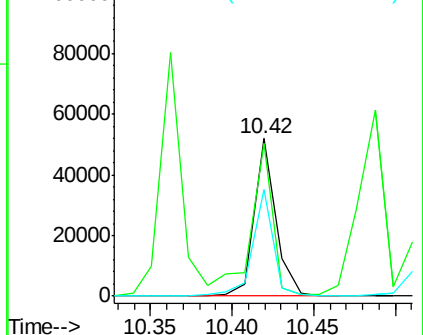
Tgt Ion	198	Resp	47672
Ion Ratio	100	Lower	Upper
51	97.1	40.3	80.3#
105	67.9	29.6	69.6

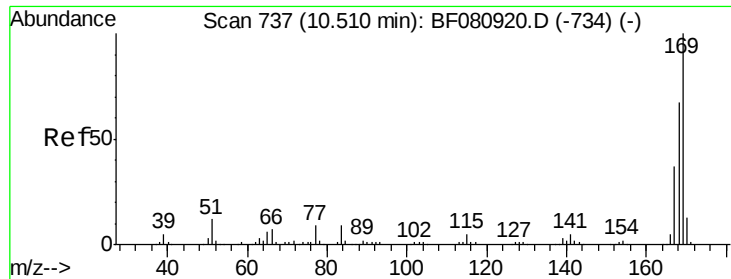


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

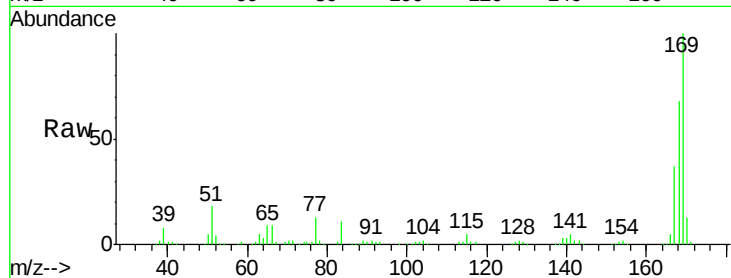




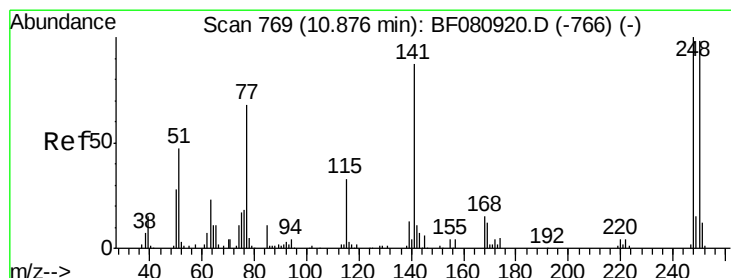
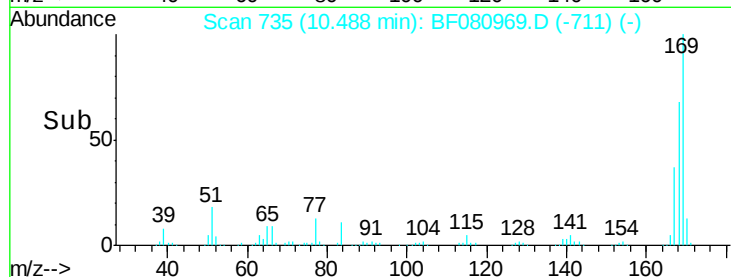
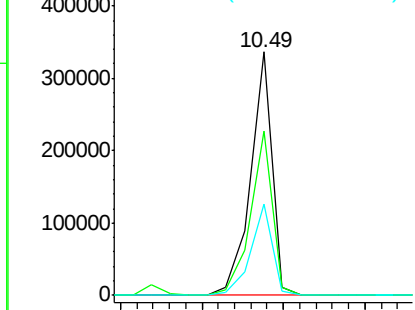
#65
 n-Nitrosodiphenylamine
 Concen: 40.74 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:169 Resp: 309007
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.7 80.5
 167 37.3 29.3 43.9

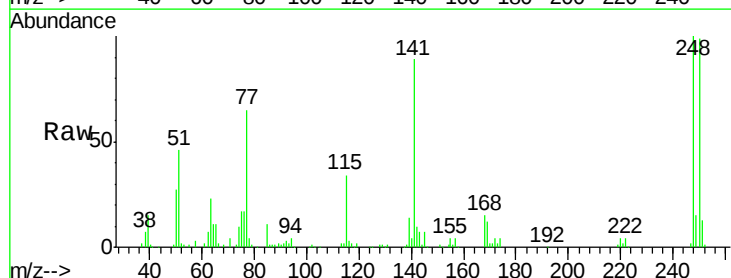


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

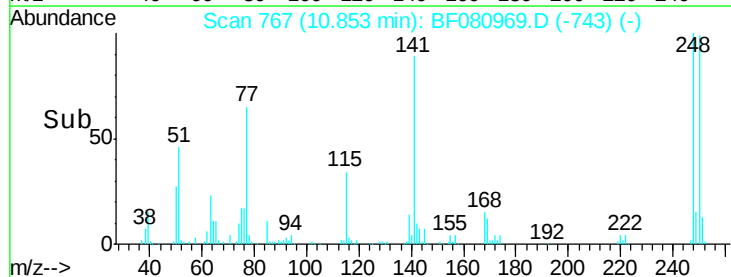
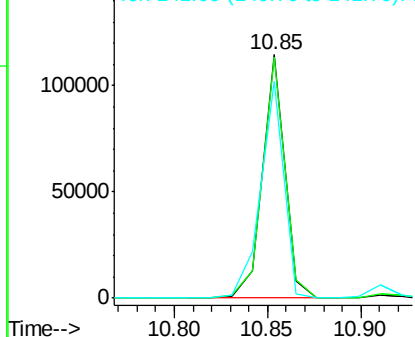


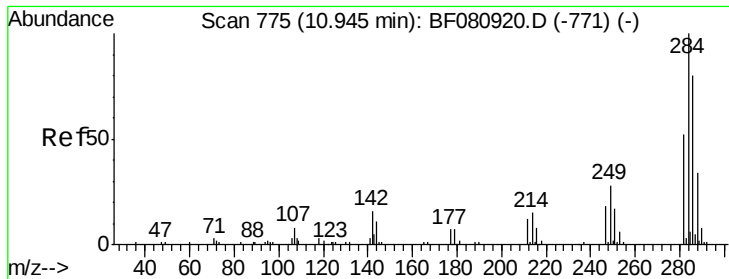
#66
 4-Bromophenyl-phenylether
 Concen: 40.52 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:248 Resp: 93698
 Ion Ratio Lower Upper
 248 100
 250 98.8 78.1 117.1
 141 89.0 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: 38.79 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

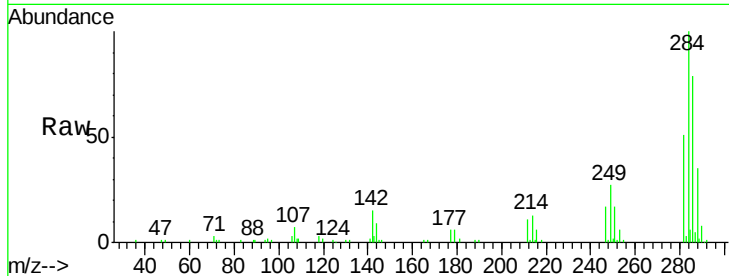
Tot Ion:284 Resp: 99731

Ion Ratio Lower Upper

284 100

142 14.9 12.8 19.2

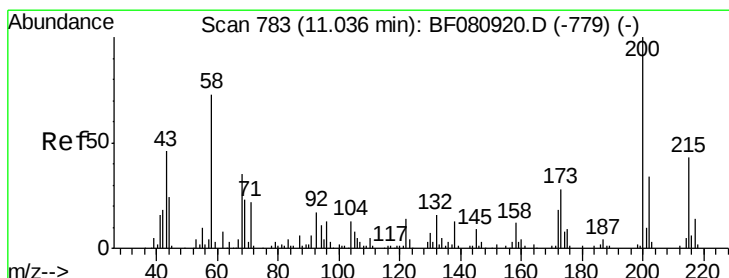
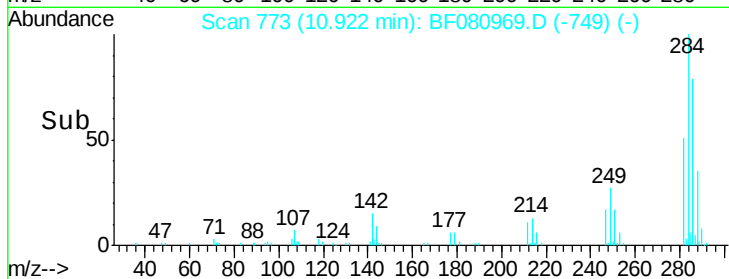
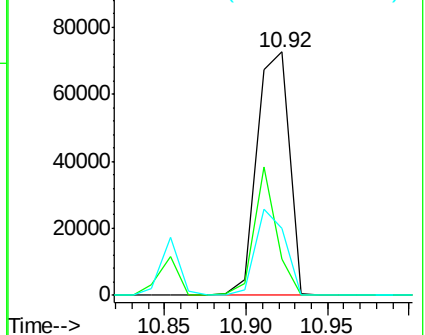
249 27.4 22.5 33.7



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: 36.91 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

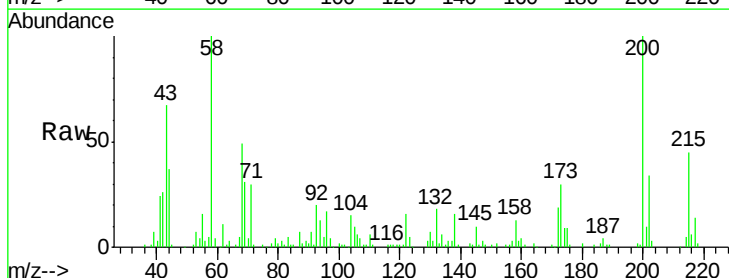
Tgt Ion:200 Resp: 82077

Ion Ratio Lower Upper

200 100

173 30.4 8.4 48.4

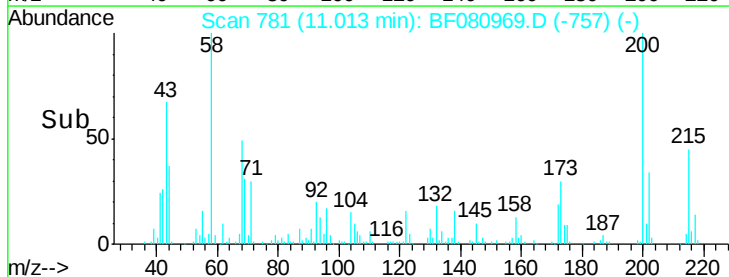
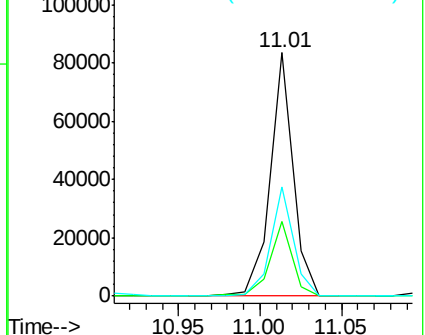
215 45.0 22.7 62.7

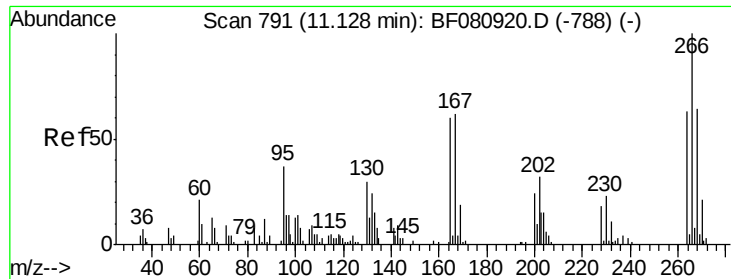


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

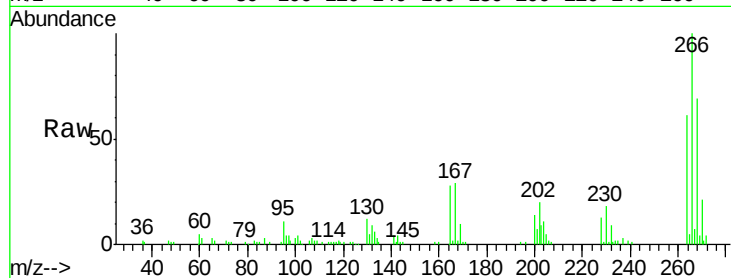




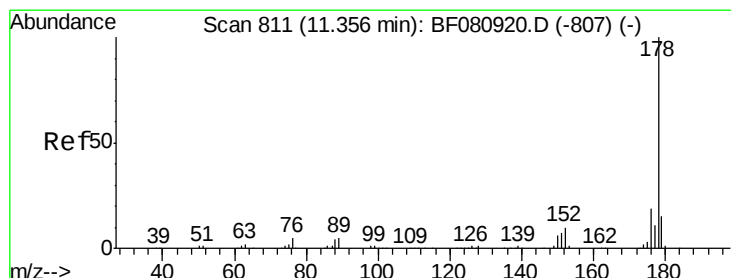
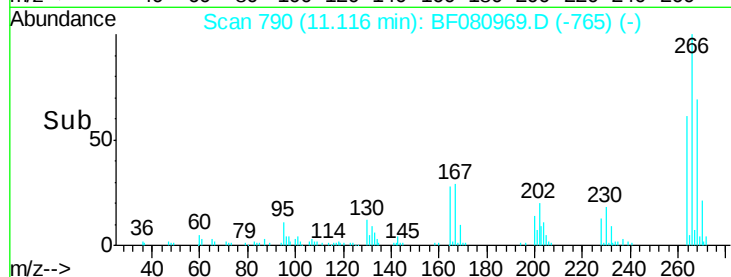
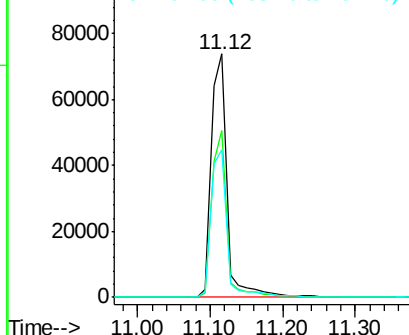
#69
 Pentachlorophenol
 Concen: 74.44 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	51.6	77.4
264	60.8	50.1	75.1

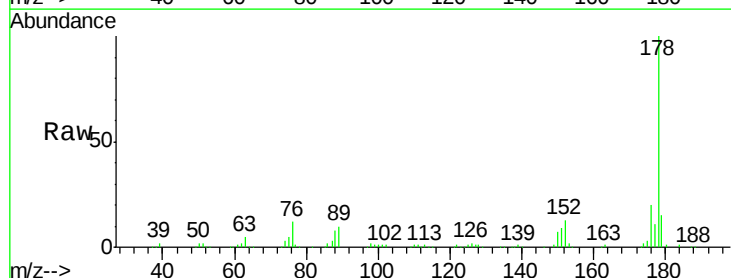


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

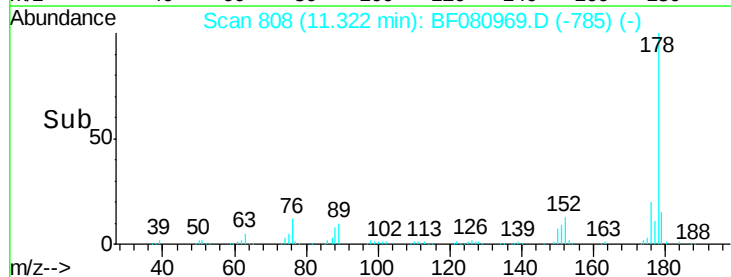
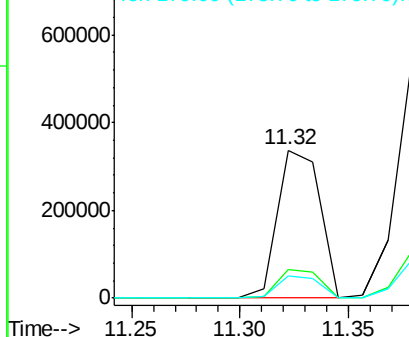


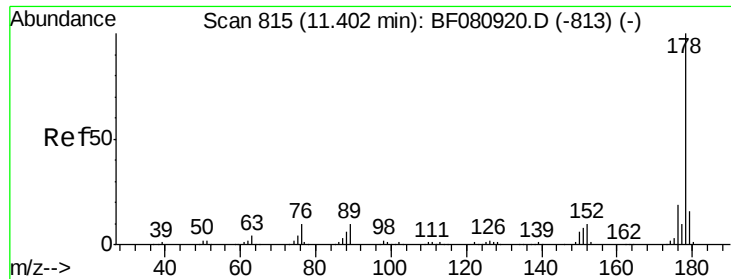
#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.4	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

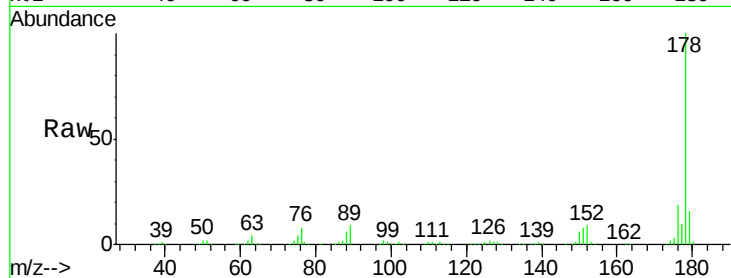




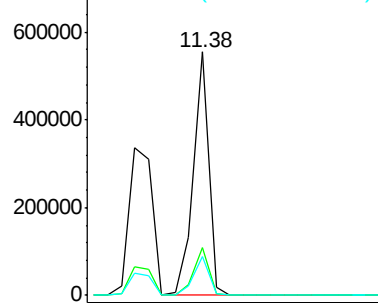
#71
 Anthracene
 Concen: 40.16 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

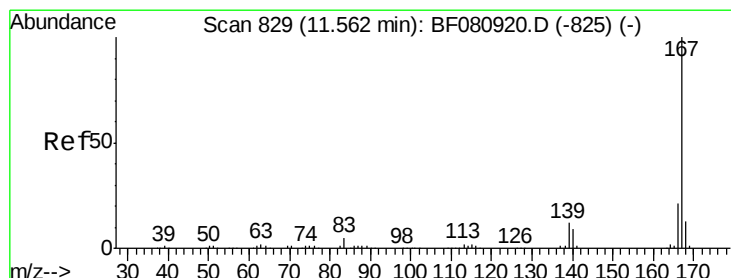
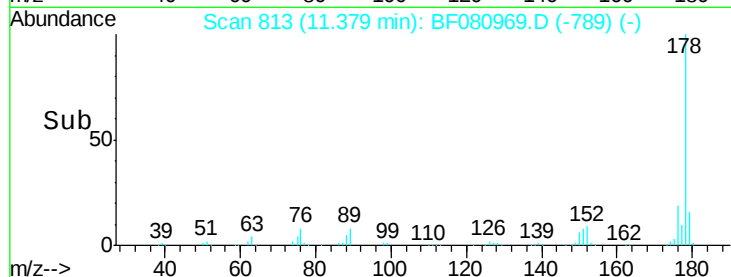
Tot Ion:178 Resp: 491492
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.9 12.6 18.8



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

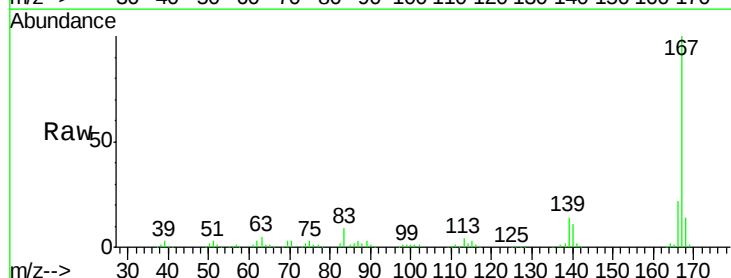


Time--> 11.30 11.40 11.50

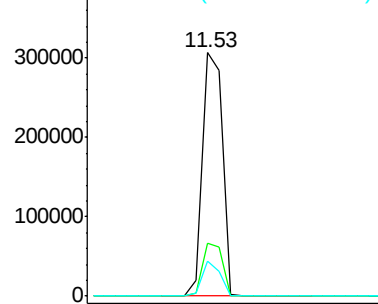


#72
 Carbazole
 Concen: 35.58 ng
 RT: 11.53 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

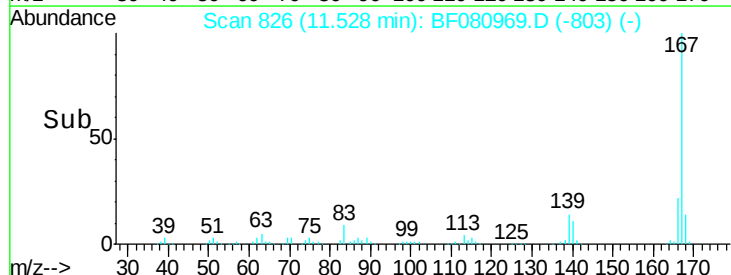
Tgt Ion:167 Resp: 423949
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 14.2 9.2 13.8#

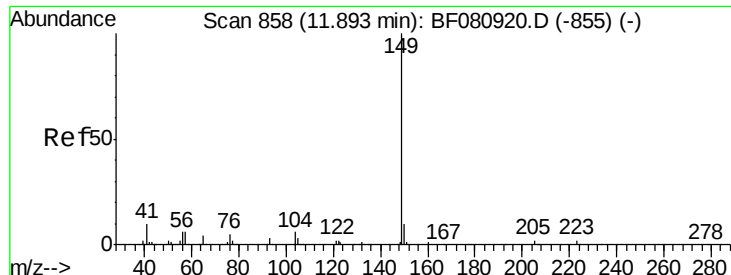


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time--> 11.50 11.60





#73

Di-n-butylphthalate

Concen: 40.02 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleID :

PB84838BS

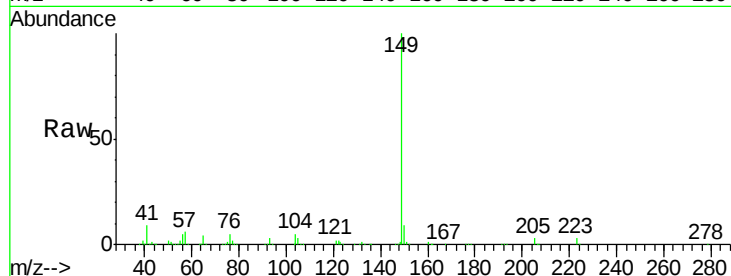
Tot Ion:149 Resp: 596353

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

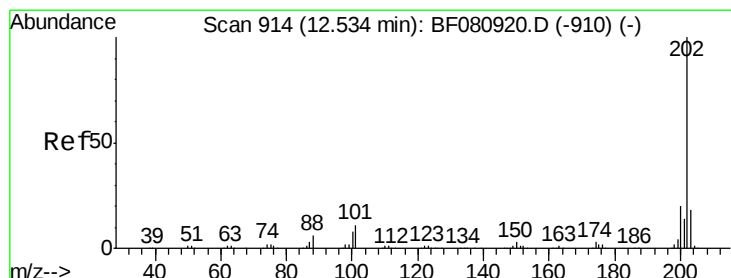
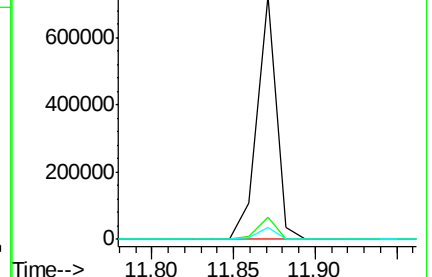
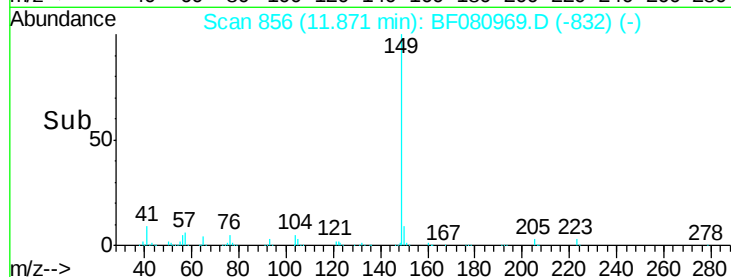
104 5.2 4.4 6.6



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: 45.82 ng

RT: 12.51 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

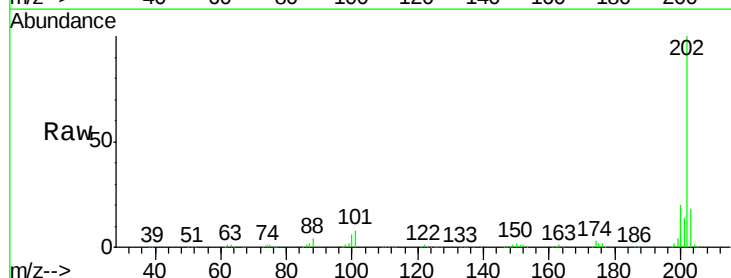
Tgt Ion:202 Resp: 612379

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.5

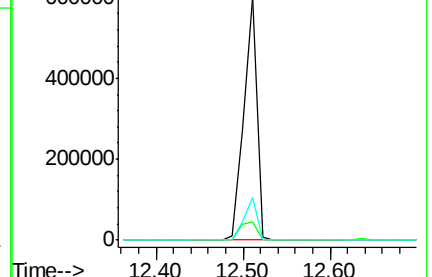
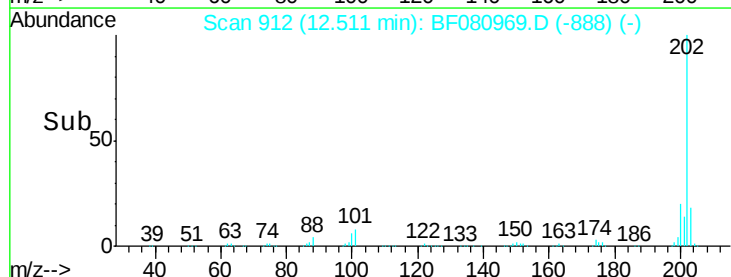
203 17.7 0.0 37.7

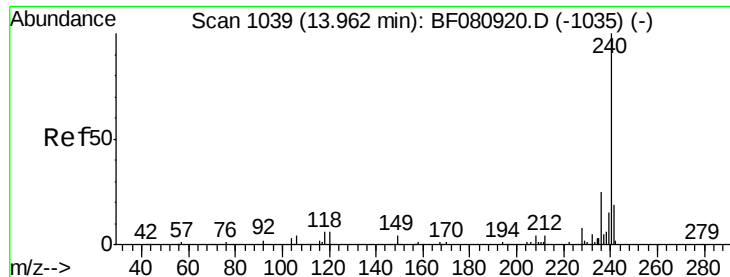


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

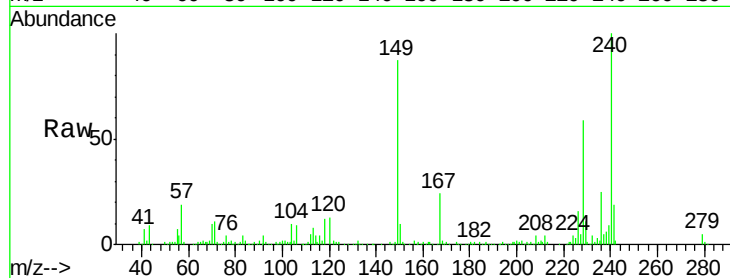
Tot Ion:240 Resp: 180221

Ion Ratio Lower Upper

240 100

120 12.7 5.2 7.8#

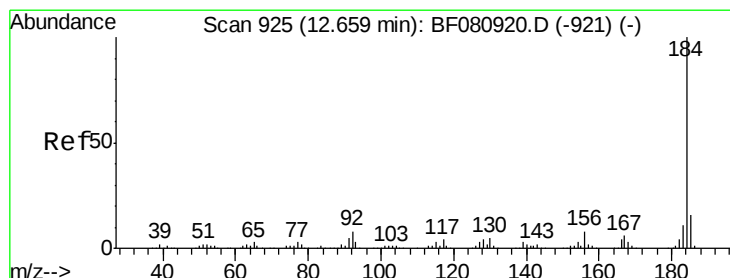
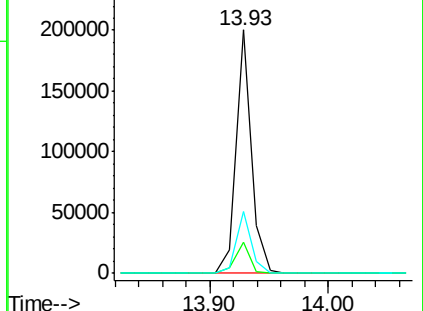
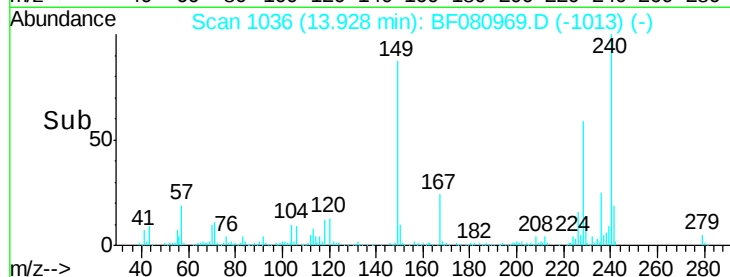
236 25.2 20.2 30.4



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: BF080969.D

Acq: 11 Aug 2015 19:05

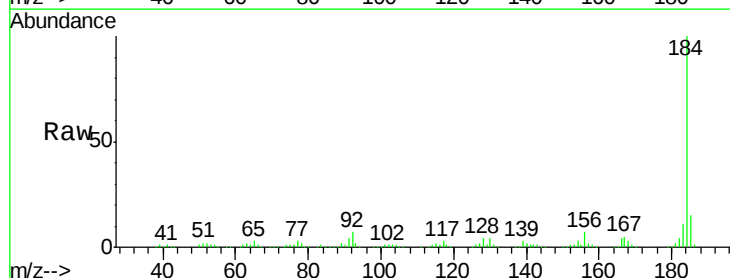
Tgt Ion:184 Resp: 403148

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

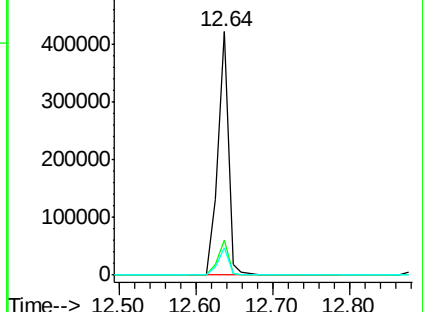
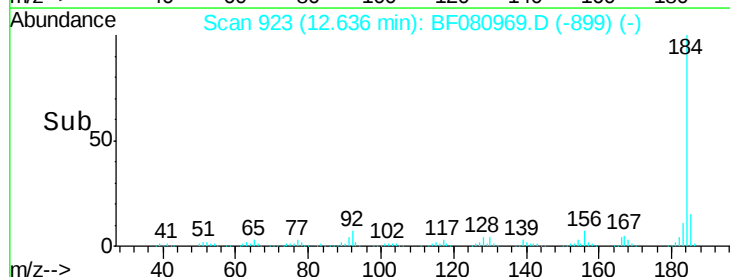
183 11.1 8.7 13.1

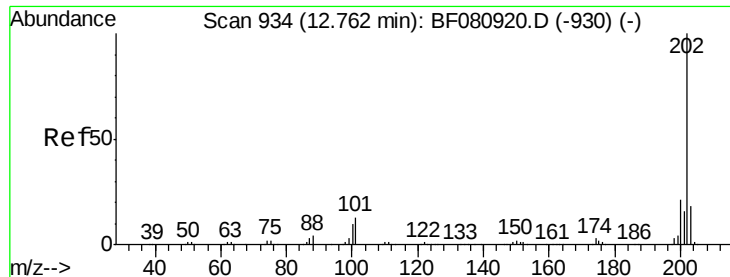


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

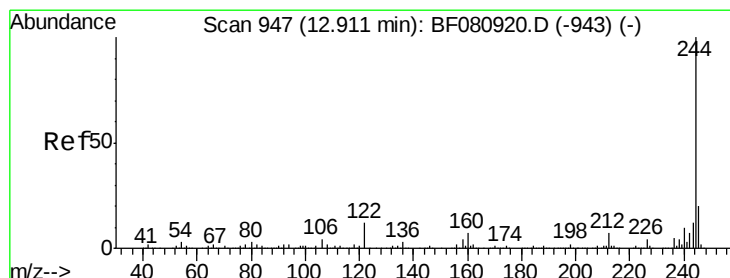
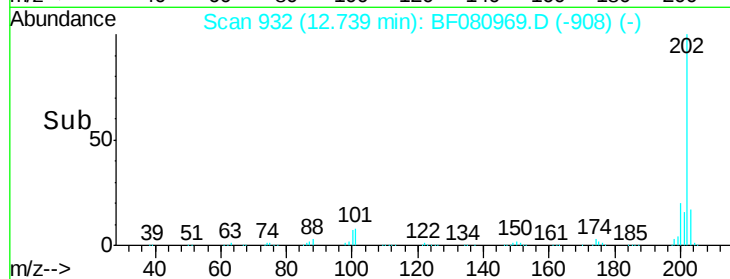
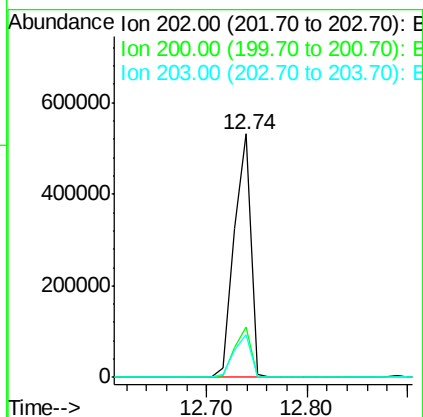
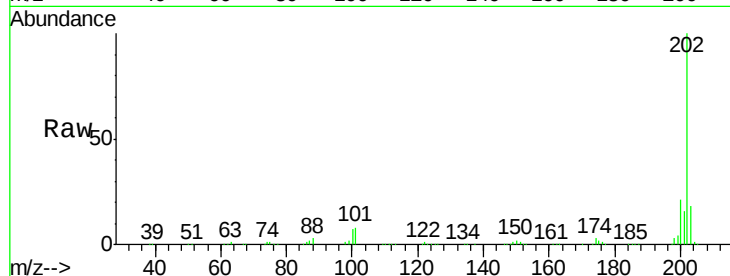




#77
Pvrene
Concen: 45.70 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

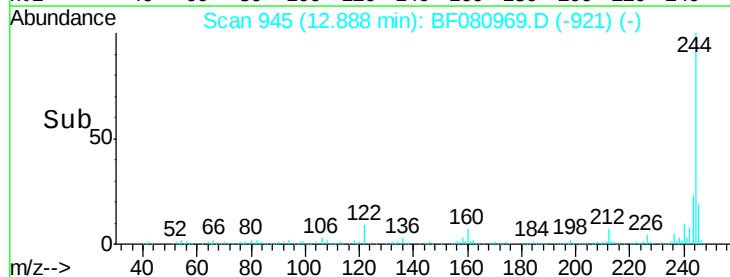
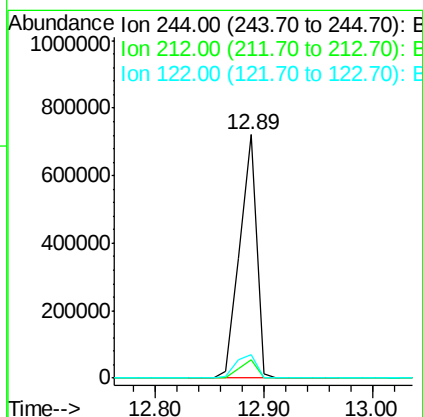
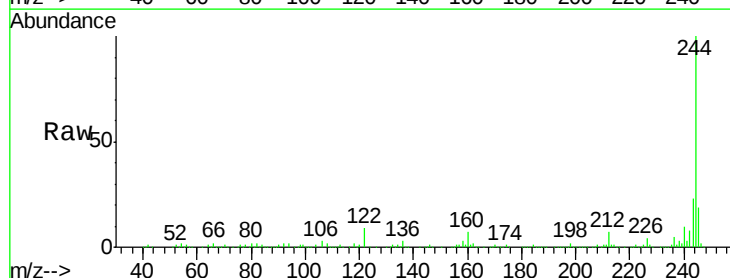
Instrument :
BNA_F
ClientSampleId :
PB84838BS

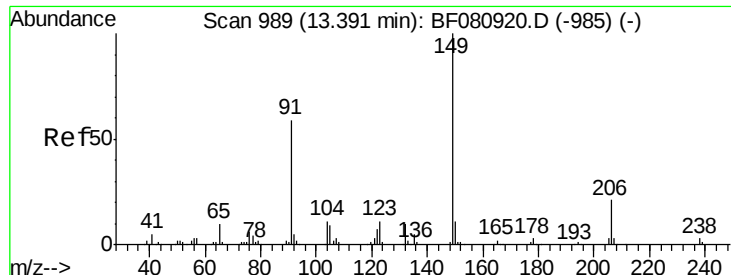
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.7	14.2	21.2



#78
Terphenyl-d14
Concen: 87.48 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	9.4	9.4	14.2

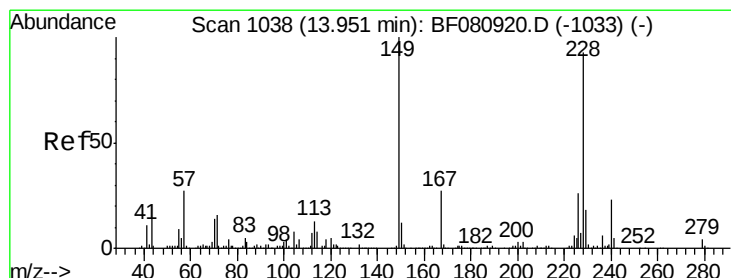
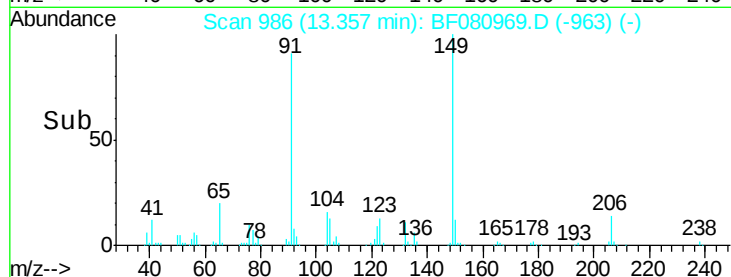
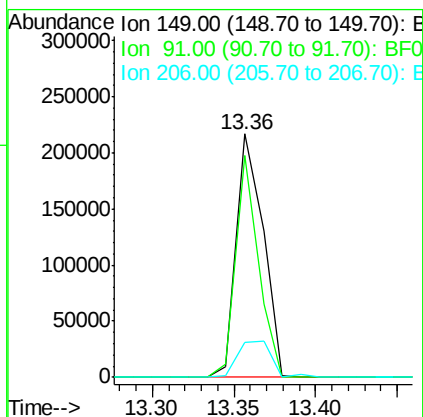
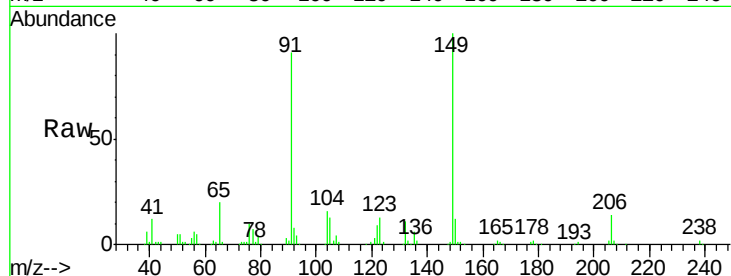




#79
Butylbenzylphthalate
Concen: 38.22 ng
RT: 13.36 min Scan# 986
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

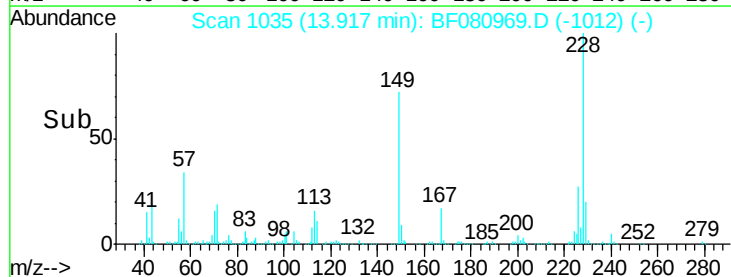
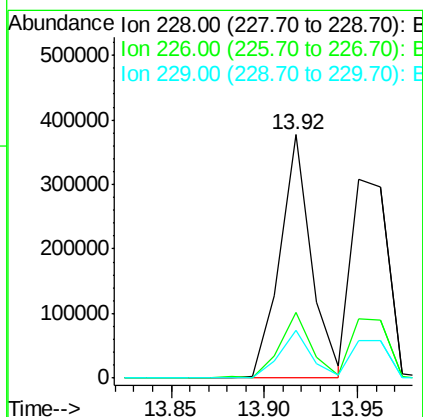
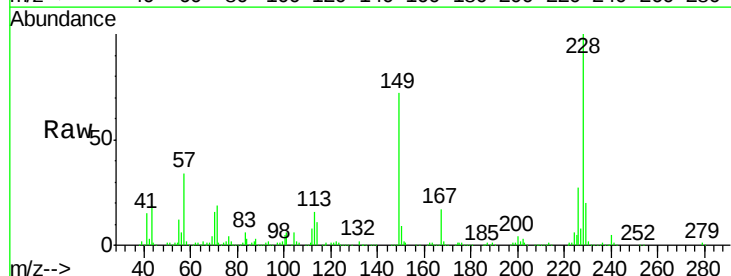
Instrument :
BNA_F
ClientSampleID :
PB84838BS

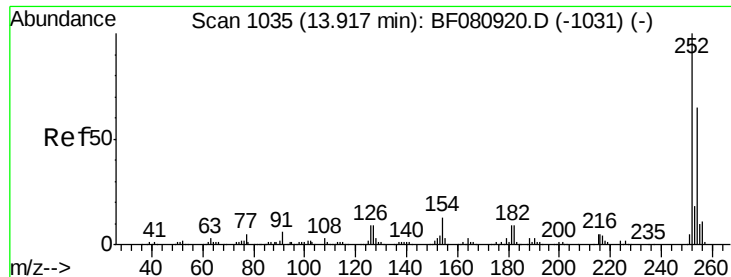
Tot Ion	Ratio	Lower	Upper
149	100		
91	91.2	47.2	70.8#
206	14.4	16.5	24.7#



#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.03 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	19.6	15.8	23.6

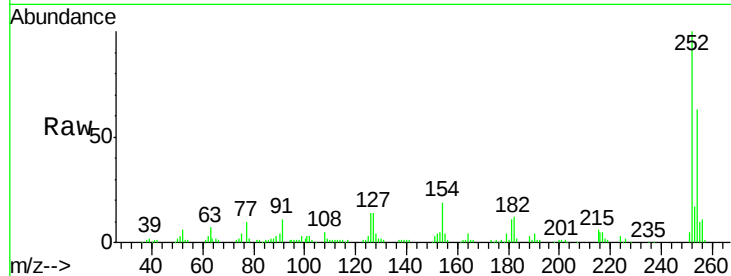




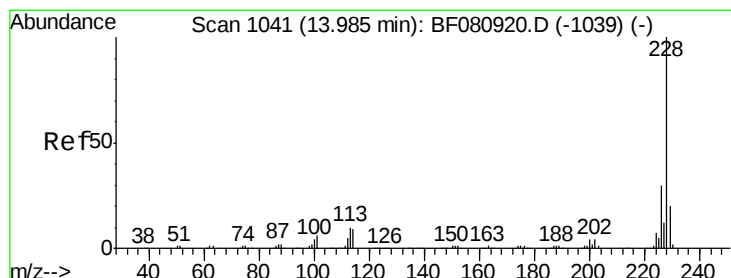
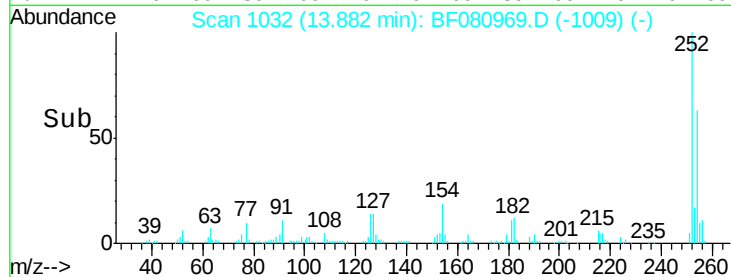
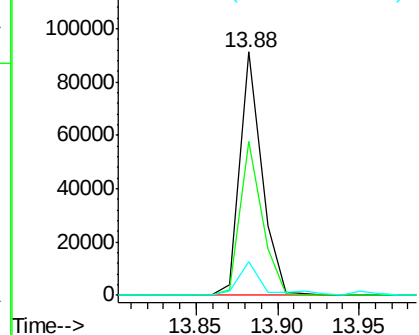
#81
 3,3'-Dichlorobenzidine
 Concen: 20.37 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

Tot Ion:252 Resp: 84345
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 13.7 7.1 10.7#

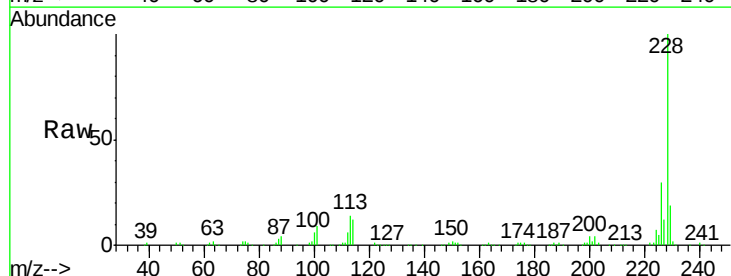


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

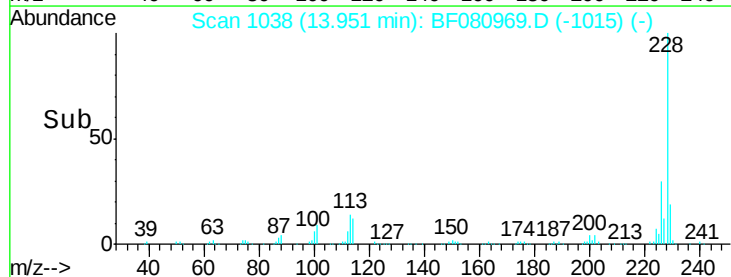
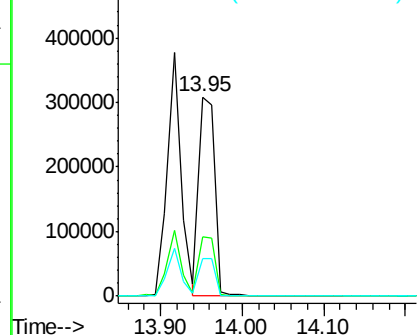


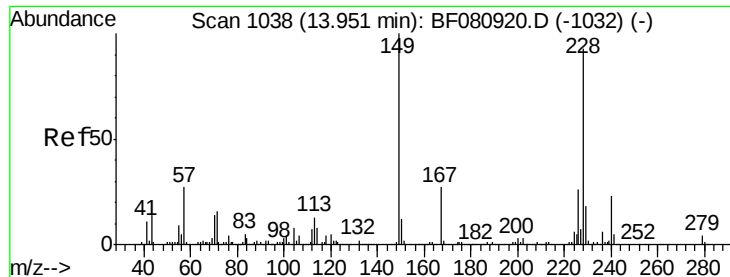
#82
 Chrysene
 Concen: 39.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:228 Resp: 425515
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.9 35.9
 229 19.2 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: 35.65 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

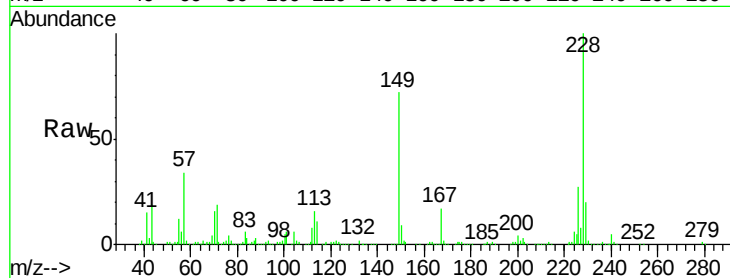
Tot Ion:149 Resp: 318366

Ion Ratio Lower Upper

149 100

167 23.6 21.4 32.0

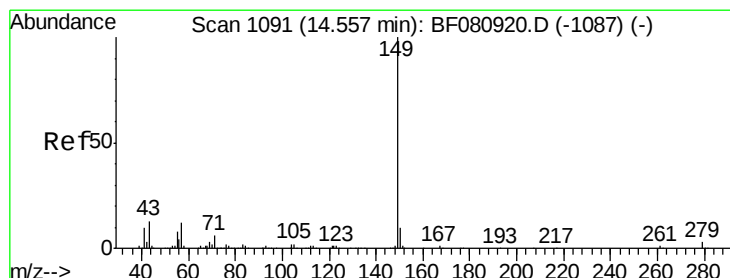
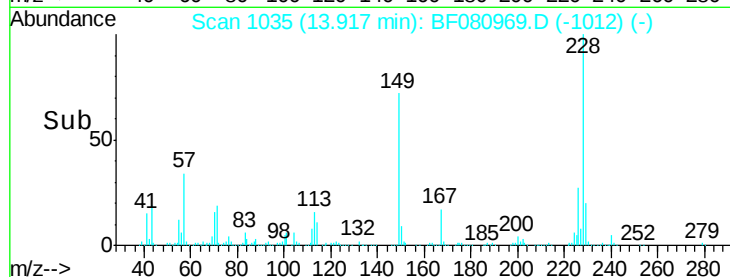
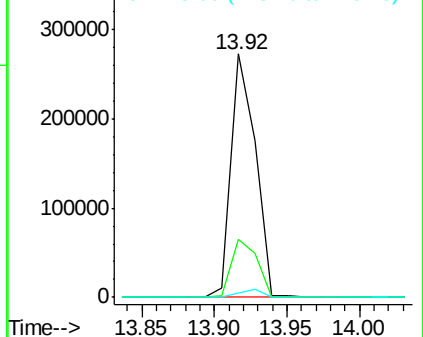
279 1.8 2.9 4.3#



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: 38.57 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

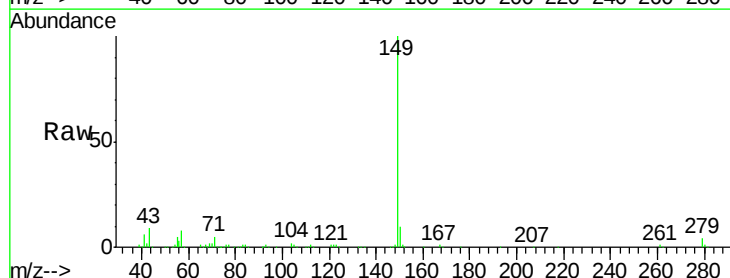
Tgt Ion:149 Resp: 583993

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

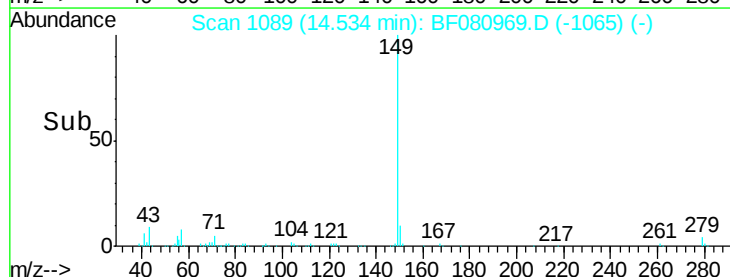
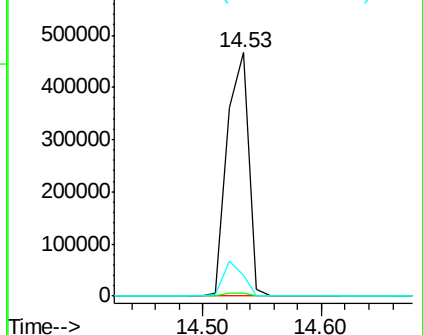
43 13.3 11.0 16.4

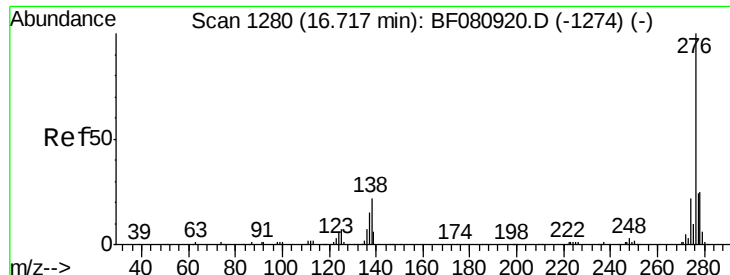


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

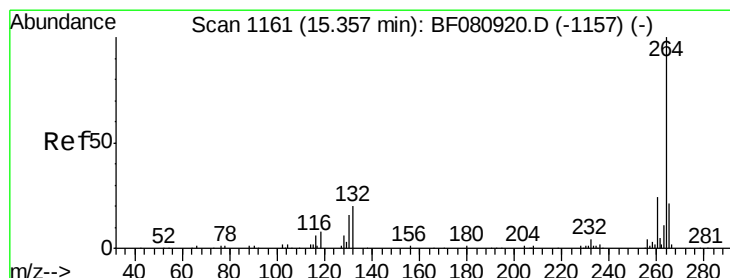
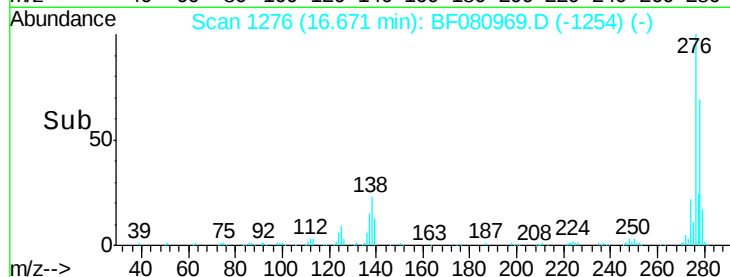
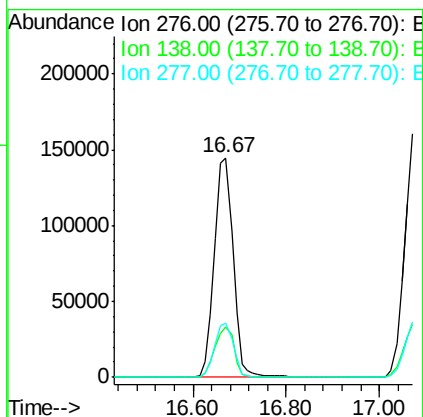
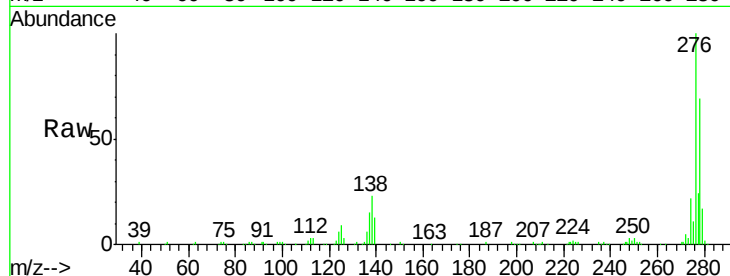




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

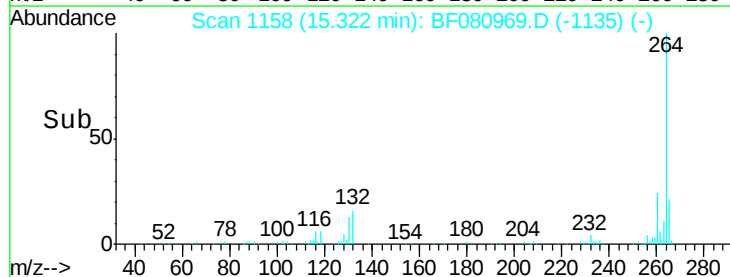
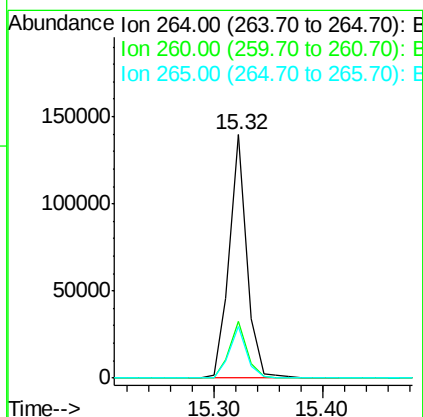
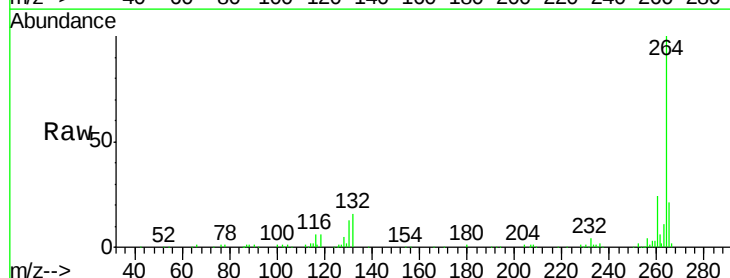
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BS

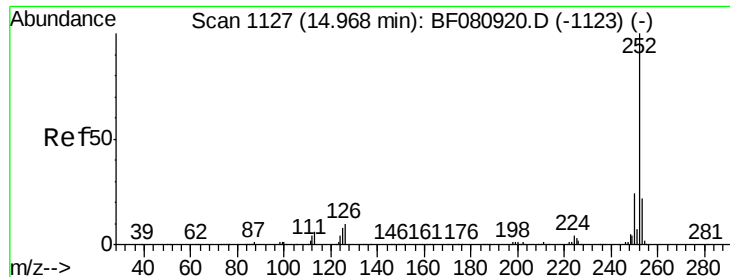
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.9	29.9
277	24.6	19.7	29.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 75.09 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

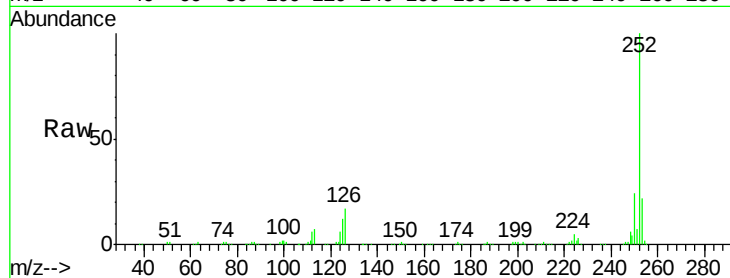
Tot Ion:252 Resp: 810993

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

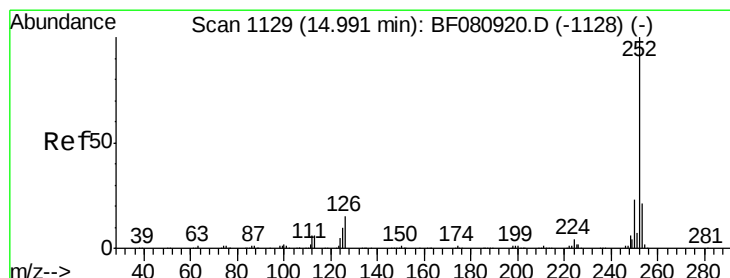
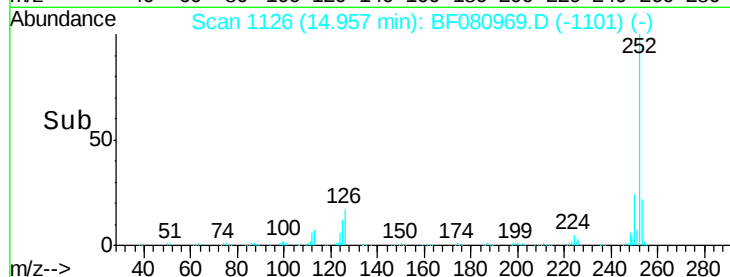
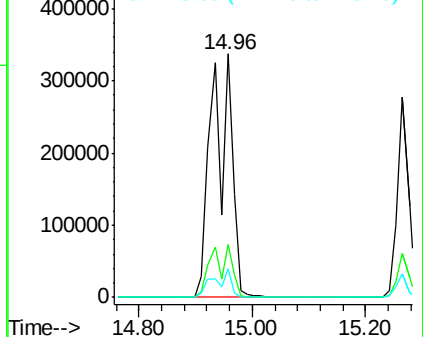
125 11.7 6.1 9.1#



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: 85.84 ng

RT: 14.96 min Scan# 1126

Delta R.T. -0.03 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

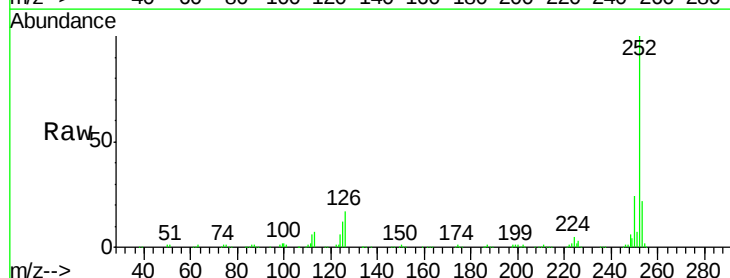
Tgt Ion:252 Resp: 810993

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

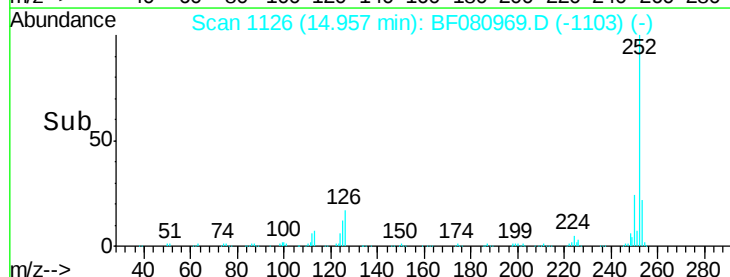
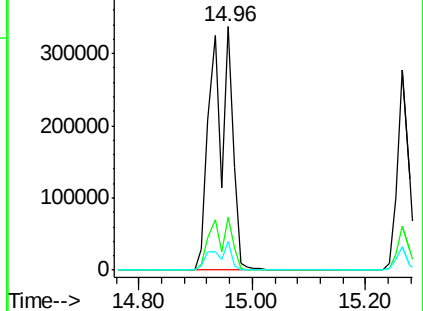
125 11.7 9.0 13.6

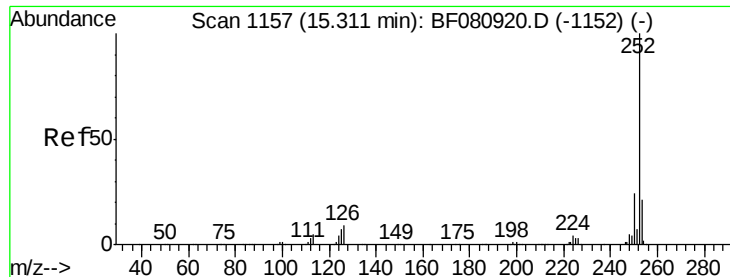


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.77 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.05 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

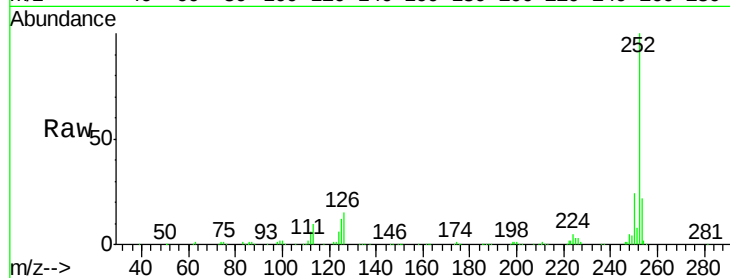
Tot Ion:252 Resp: 369194

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

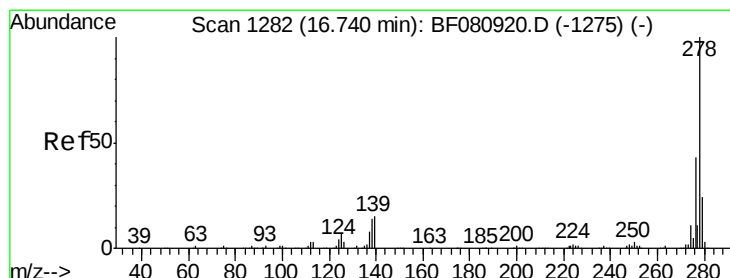
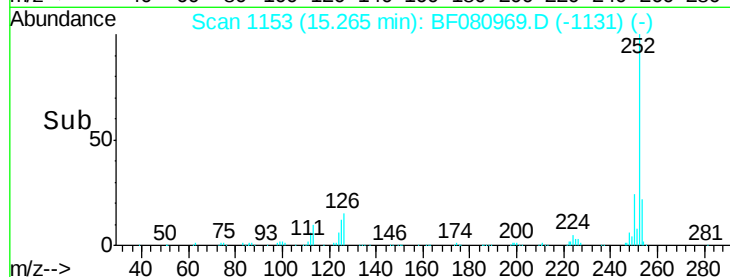
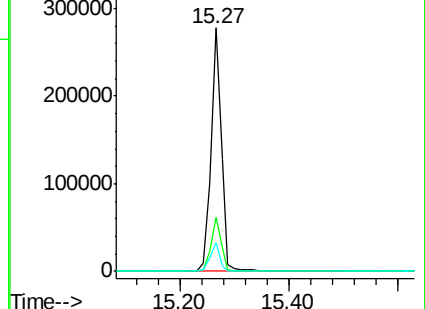
125 11.7 5.8 8.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.16 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

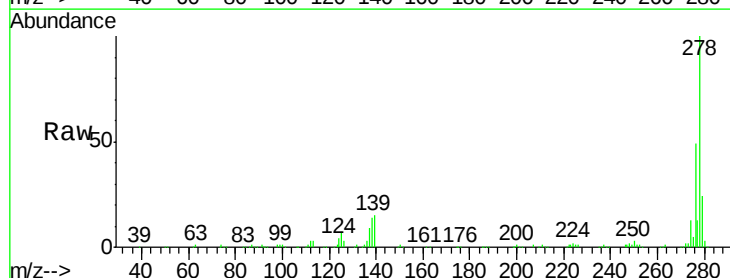
Tgt Ion:278 Resp: 337884

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

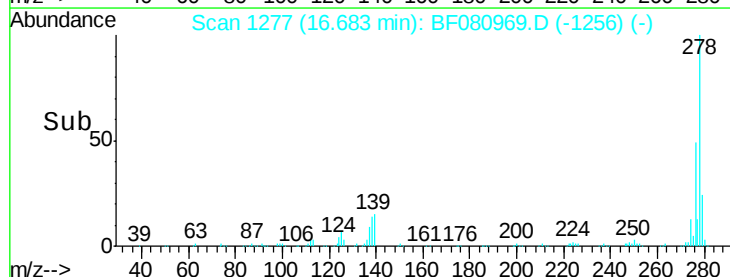
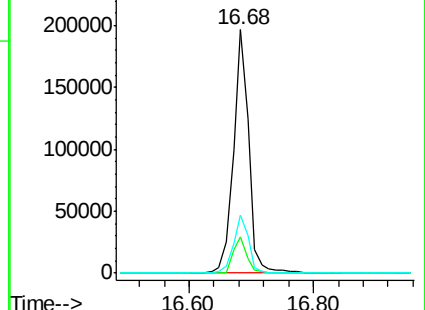
279 23.7 19.0 28.6

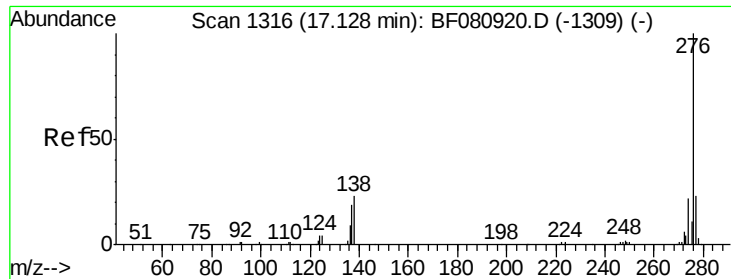


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.13 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.06 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

PB84838BS

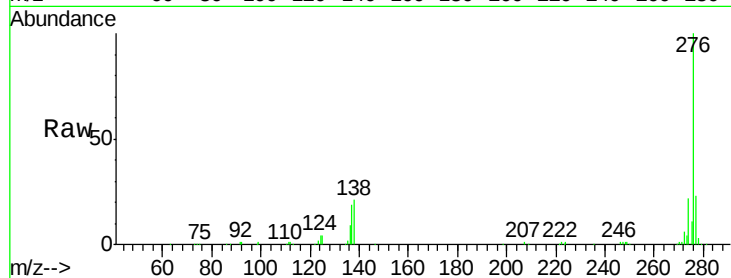
Tot Ion: 276 Resp: 352378

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 21.5 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

