

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 :

Quant Time: Aug 12 00:45:45 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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)

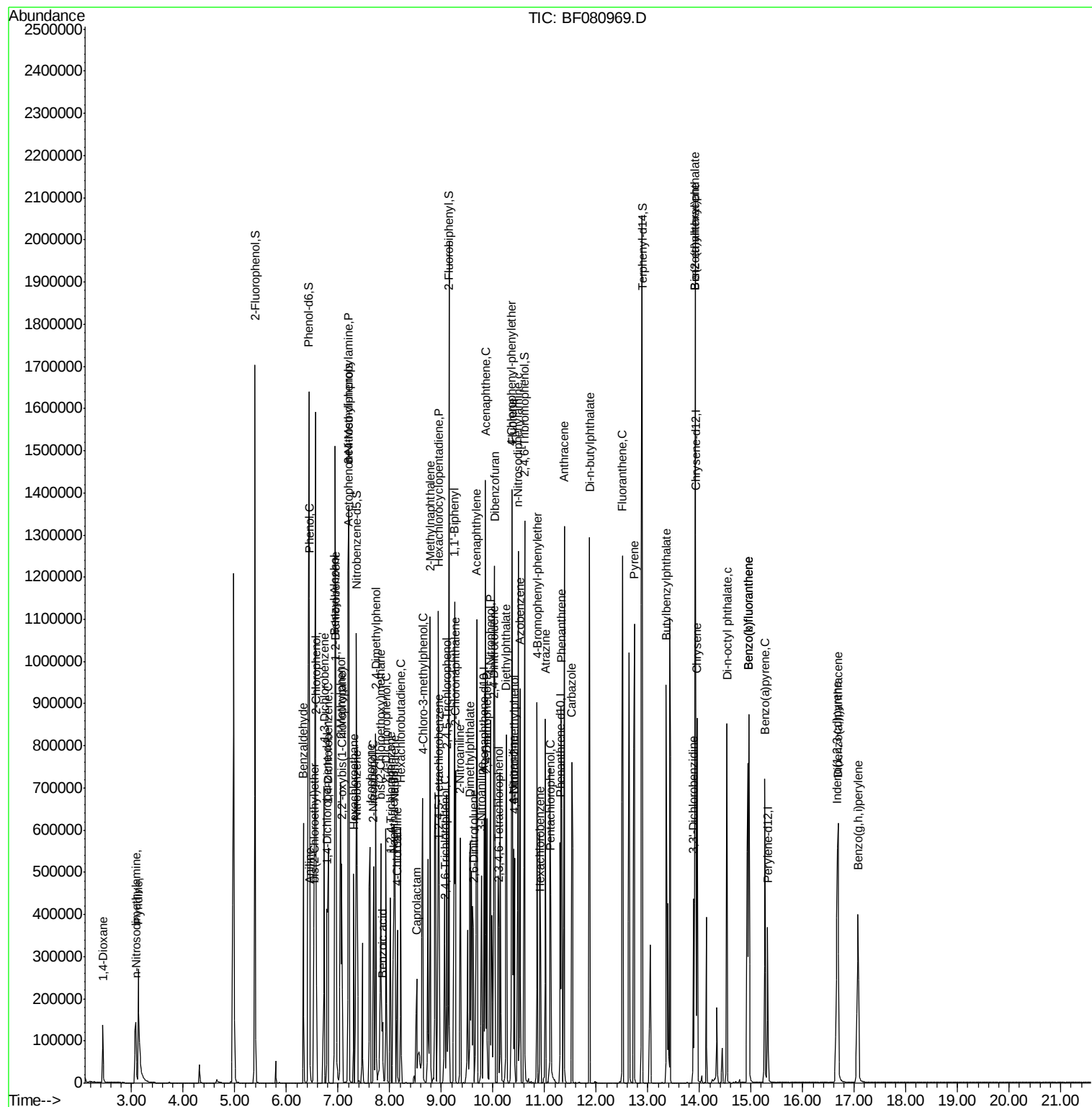
42) 2,4,6-Trichlorophenol	9.07	196	80090	29.15	nq	95
43) 2,4,5-Trichlorophenol	9.10	196	101075	36.51	nq #	86
45) 1,1'-Biphenyl	9.25	154	379980	36.41	nq	100
46) 2-Chloronaphthalene	9.28	162	271787	33.40	nq	99
47) 2-Nitroaniline	9.37	65	107114	32.83	nq	92
48) Acenaphthylene	9.69	152	481345	34.03	nq	100
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

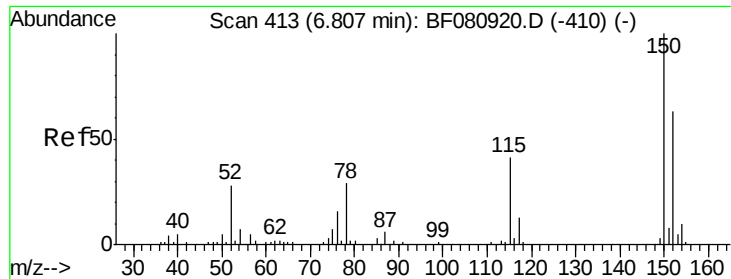
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

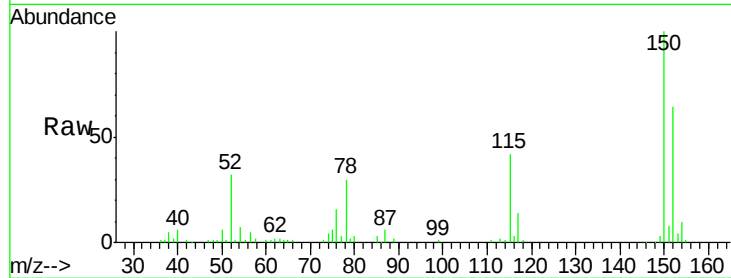
Tot Ion:152 Resp: 54526

Ion Ratio Lower Upper

152 100

150 157.1 127.4 191.2

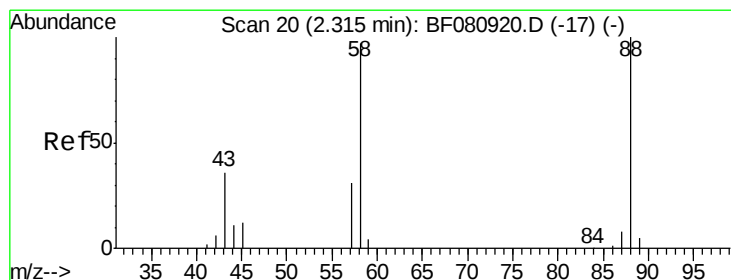
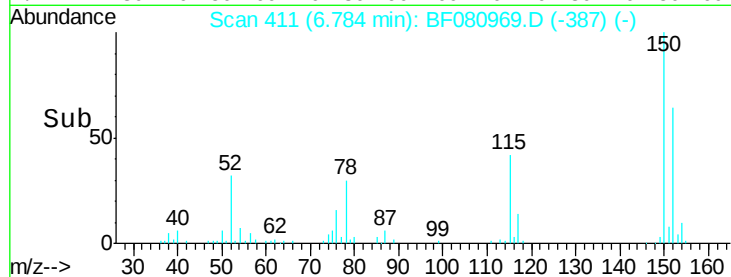
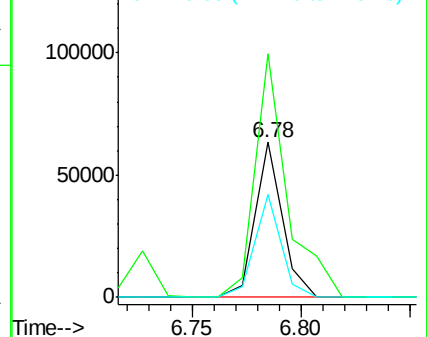
115 66.4 52.6 78.8



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

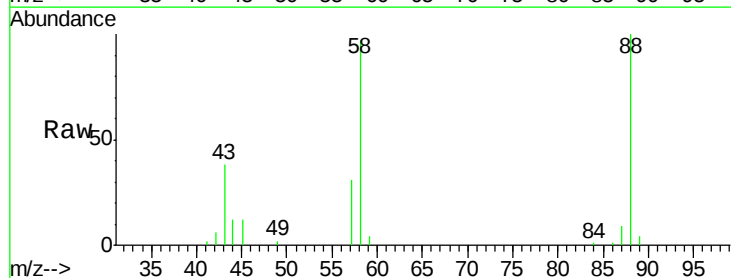
Tgt Ion: 88 Resp: 58159

Ion Ratio Lower Upper

88 100

58 104.9 79.3 118.9

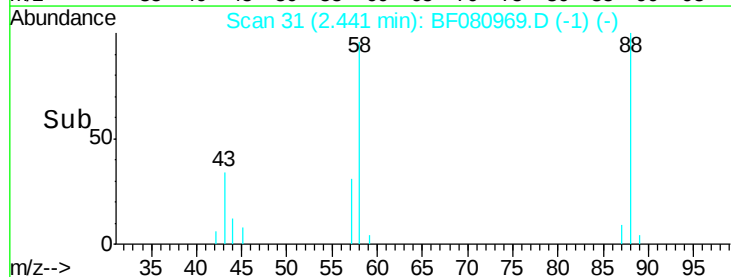
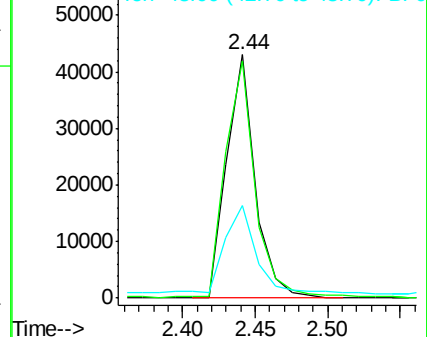
43 40.8 28.3 42.5

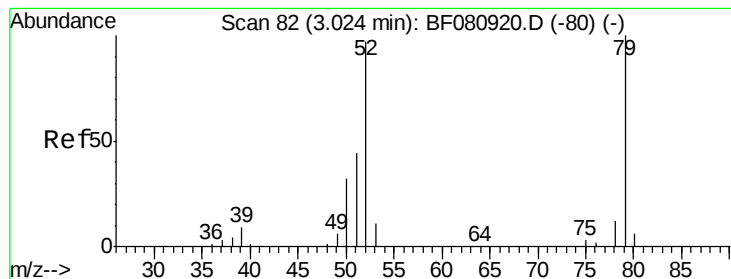


Abundance Ion 88.00 (87.70 to 88.70): BF0

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 :

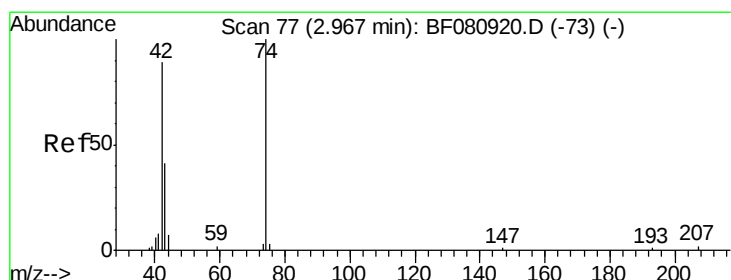
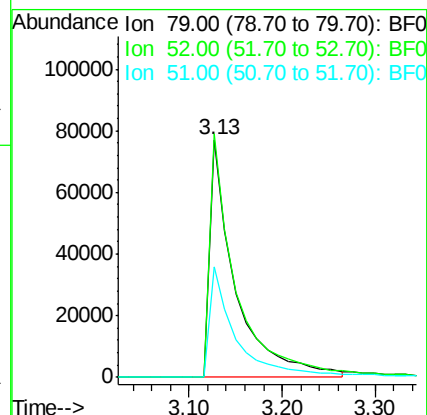
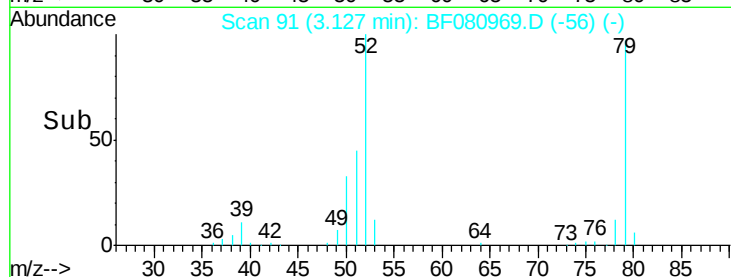
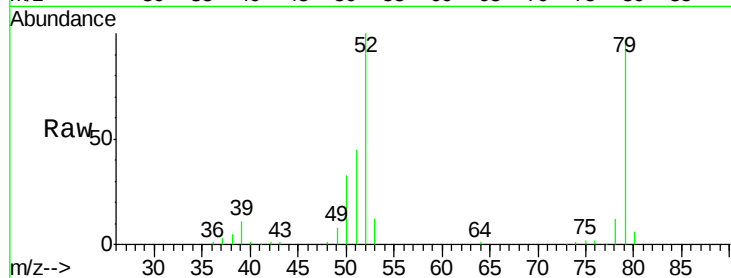
Tot Ion: 79 Resp: 149862

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

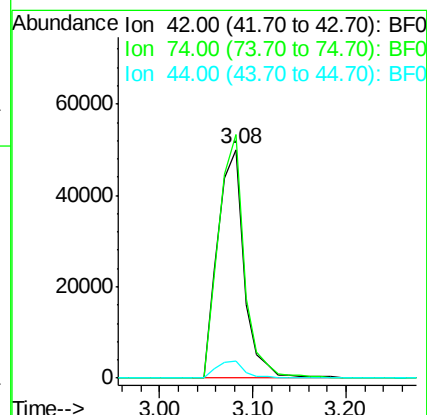
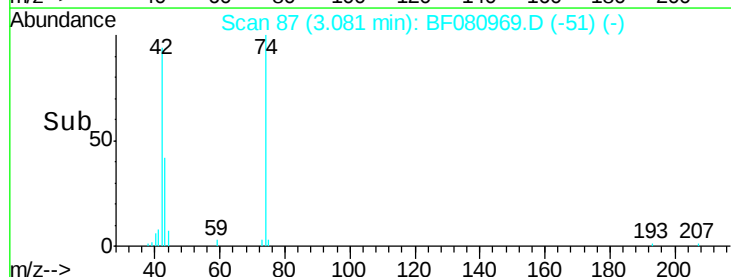
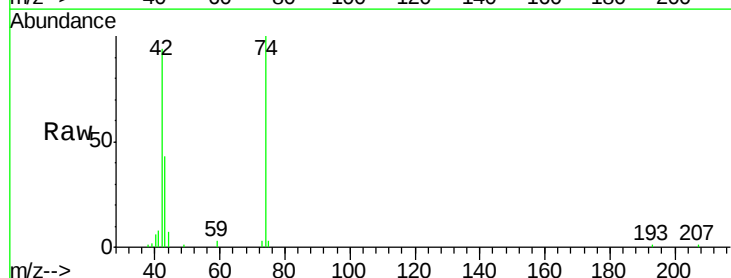
Tgt Ion: 42 Resp: 99096

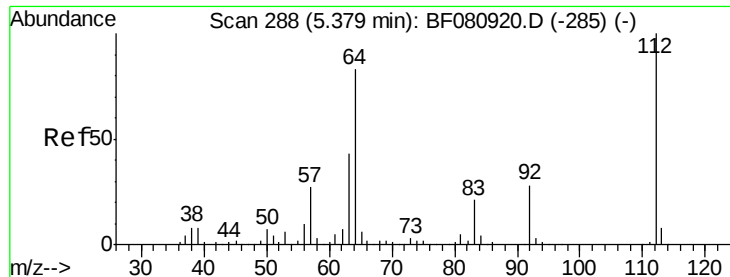
Ion Ratio Lower Upper

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

ClientSampled :

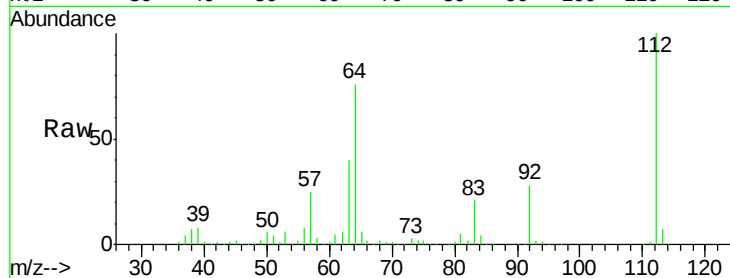
Tot Ion:112 Resp: 428556

Ion Ratio Lower Upper

112 100

64 76.1 66.1 99.1

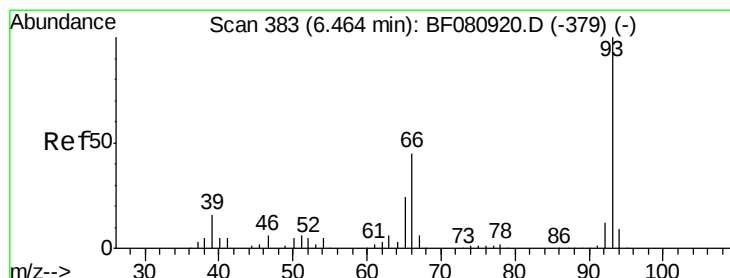
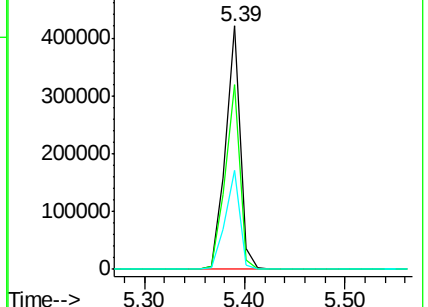
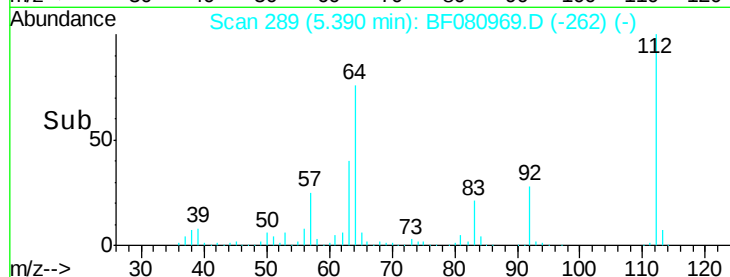
63 40.4 34.6 52.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#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

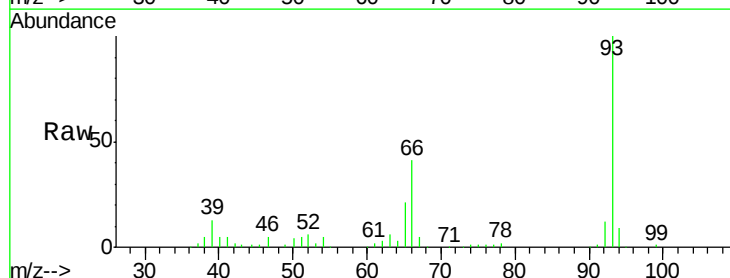
Tgt Ion: 93 Resp: 195341

Ion Ratio Lower Upper

93 100

66 41.0 36.2 54.4

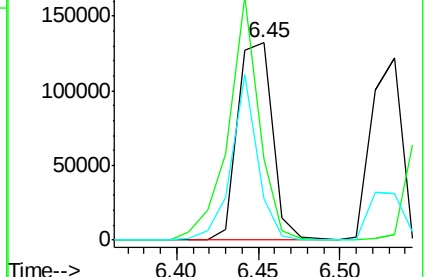
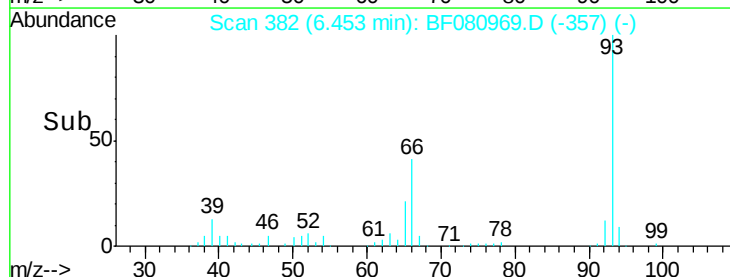
65 21.3 19.0 28.4

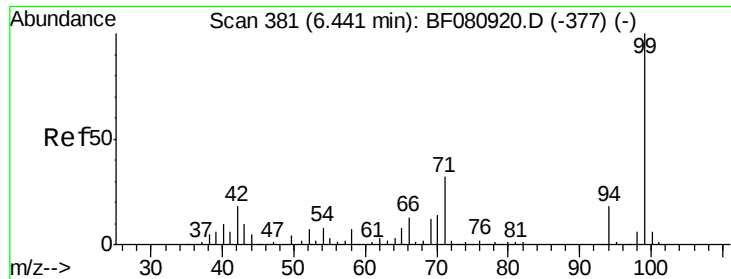


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 136.28 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080969.D

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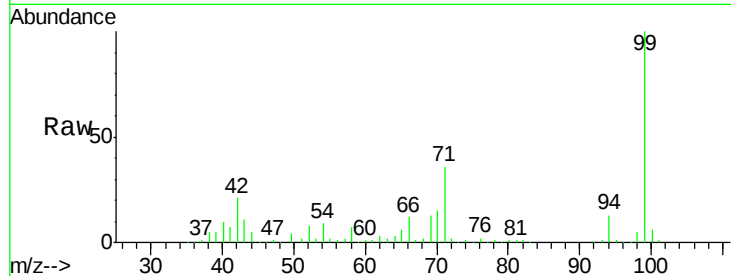
Tot Ion: 99 Resp: 623232

Ion Ratio Lower Upper

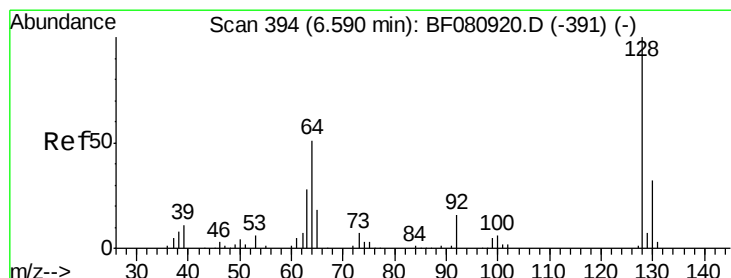
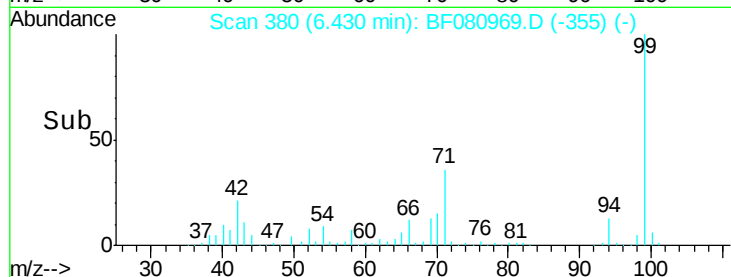
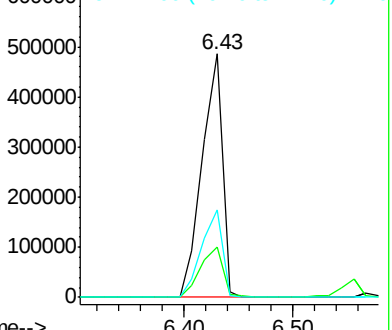
99 100

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

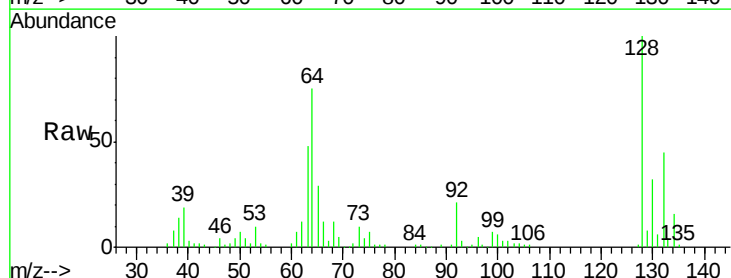
Tgt Ion: 128 Resp: 144887

Ion Ratio Lower Upper

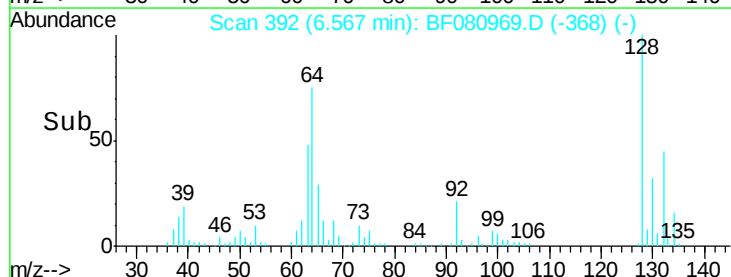
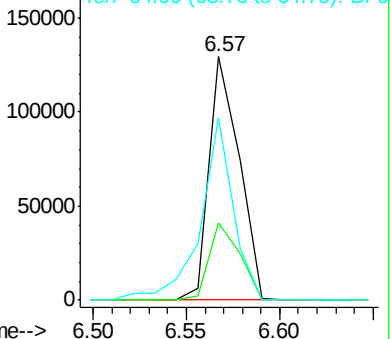
128 100

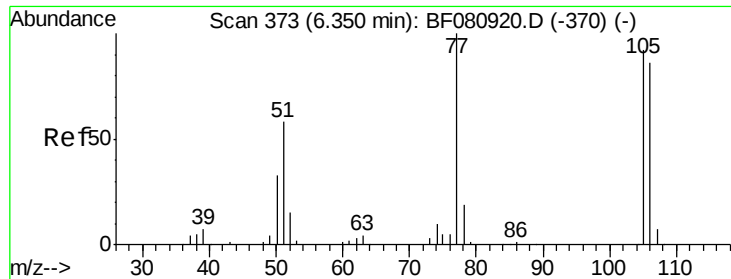
130 31.6 12.4 52.4

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

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Acq: 11 Aug 2015 19:05

Instrument :

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ClientSampled :

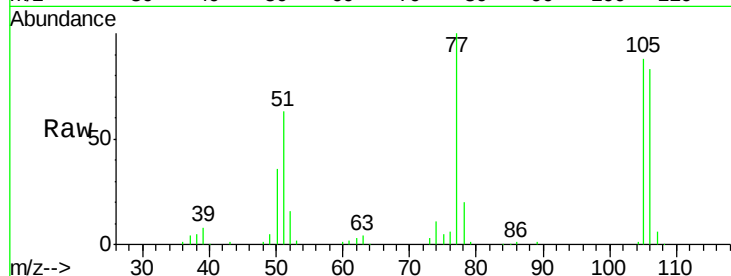
Tot Ion: 77 Resp: 116108

Ion Ratio Lower Upper

77 100

105 87.7 71.6 111.6

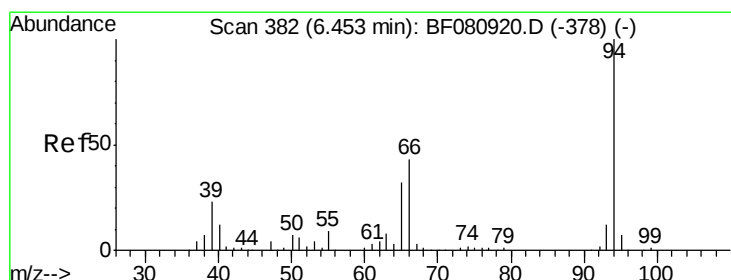
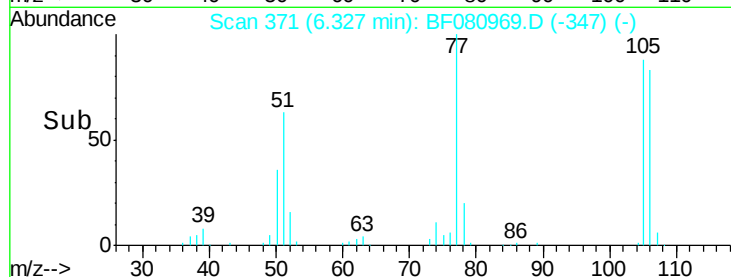
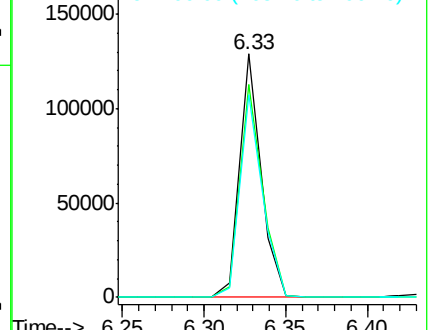
106 83.4 65.7 105.7



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

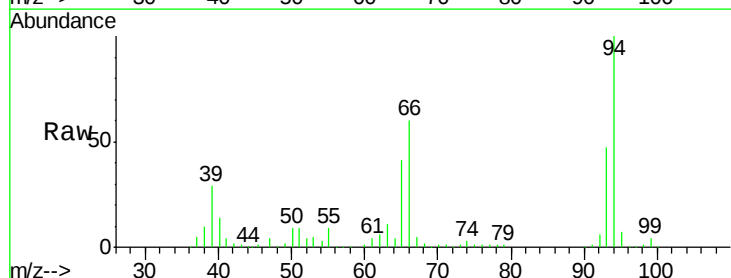
Tgt Ion: 94 Resp: 245765

Ion Ratio Lower Upper

94 100

65 41.0 11.8 51.8

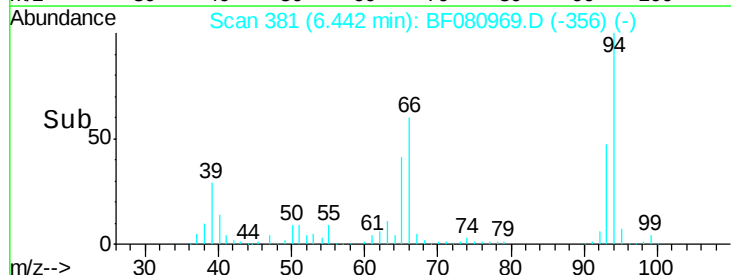
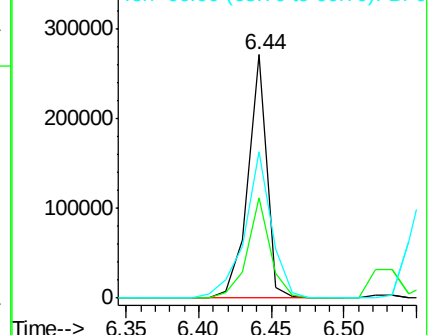
66 60.1 22.9 62.9

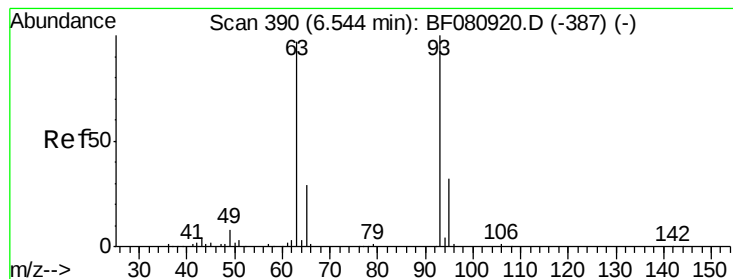


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

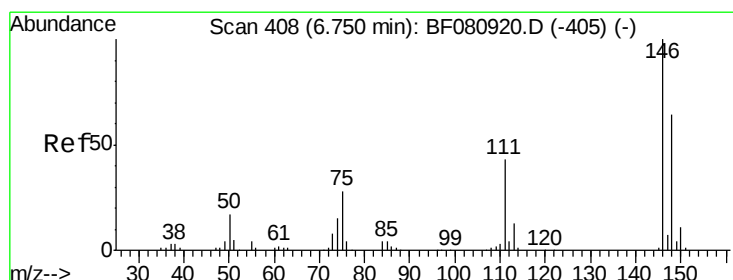
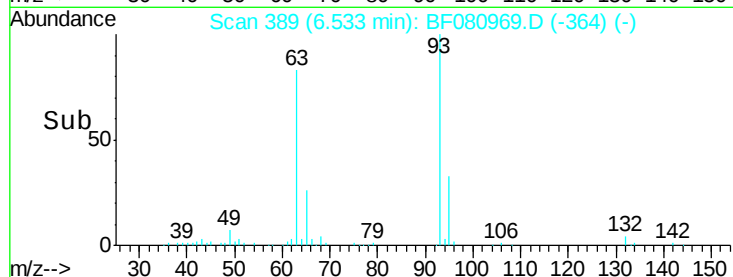
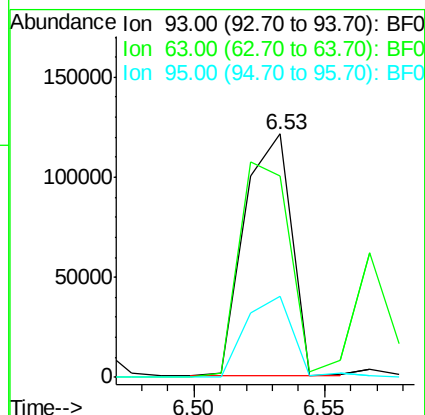
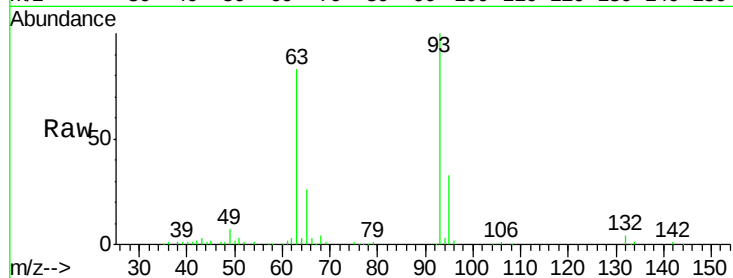




#11
bis(2-Chloroethyl)ether
Concen: 37.85 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

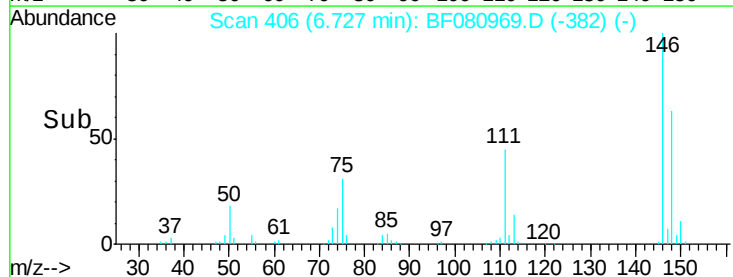
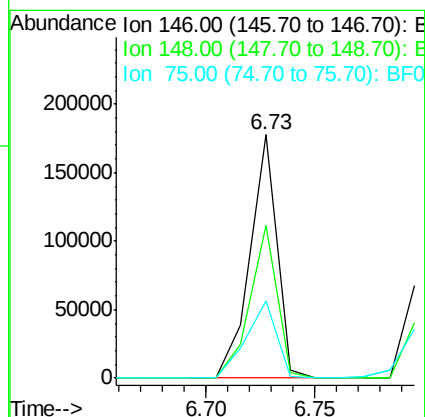
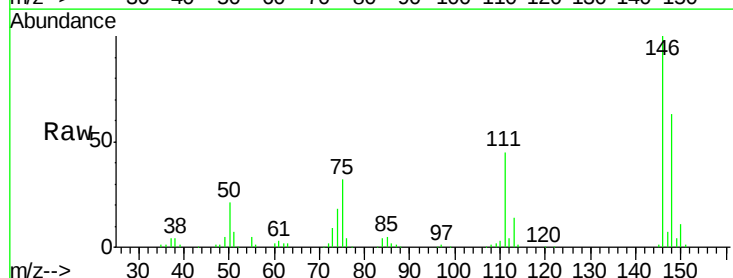
Instrument :
BNA_F
ClientSampleId :

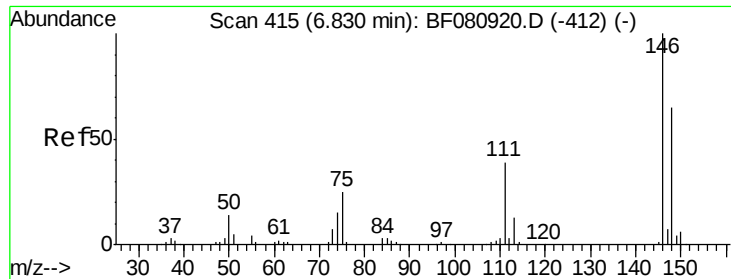
Tot Ion: 93 Resp: 153320
Ion Ratio Lower Upper
93 100
63 82.7 76.7 116.7
95 33.2 12.3 52.3



#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

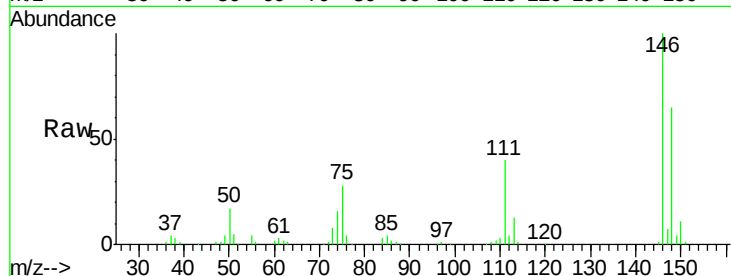




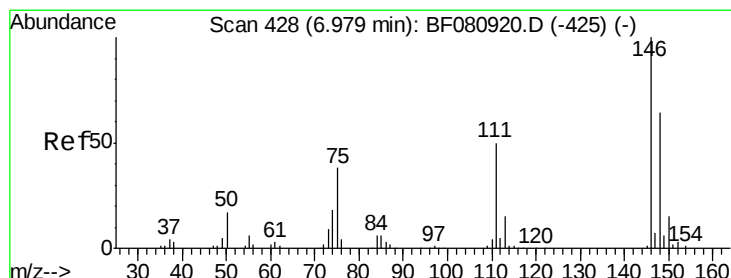
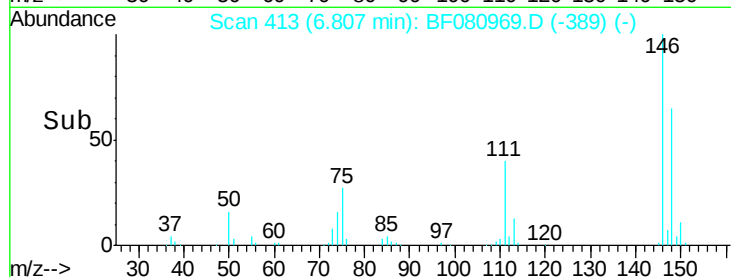
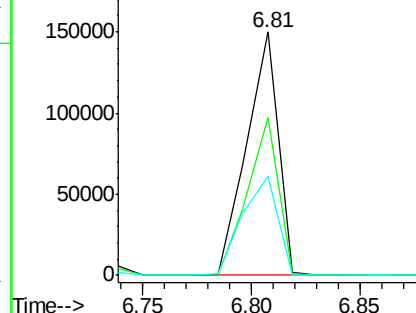
#13
 1,4-Dichlorobenzene
 Concen: 35.44 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

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

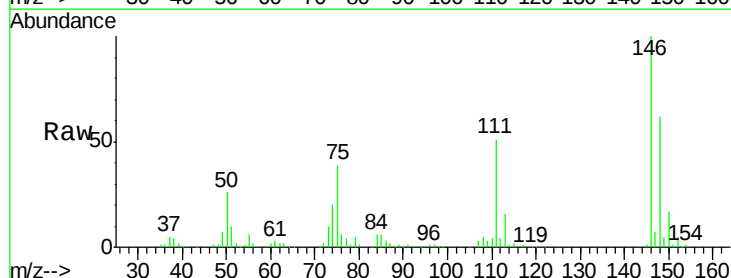


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

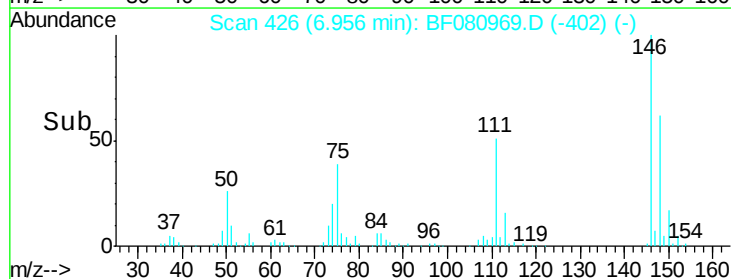
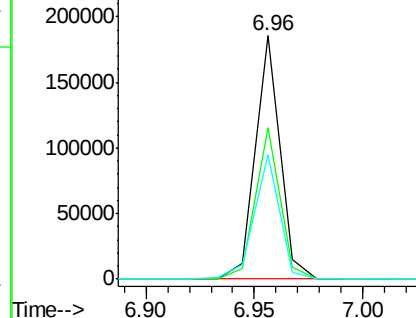


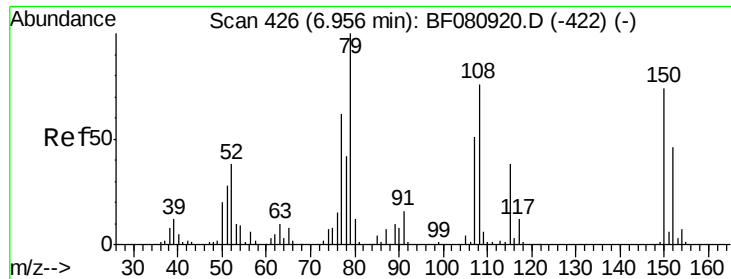
#14
 1,2-Dichlorobenzene
 Concen: 37.79 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

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 :

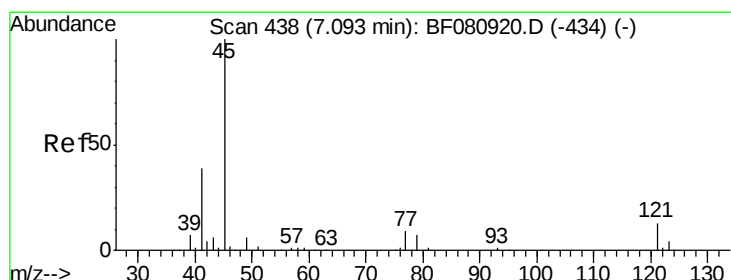
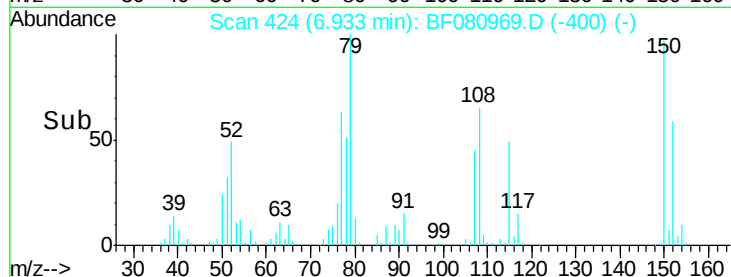
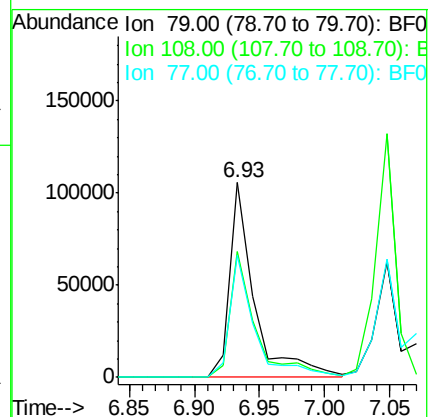
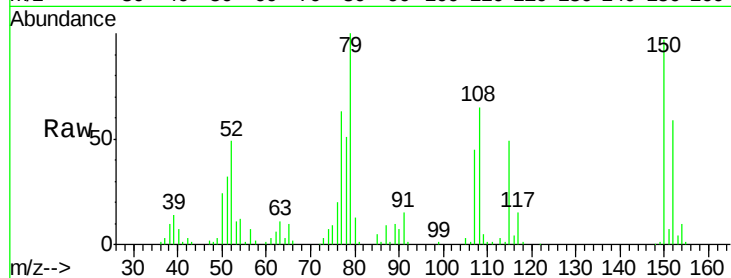
Tot Ion: 79 Resp: 139432

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

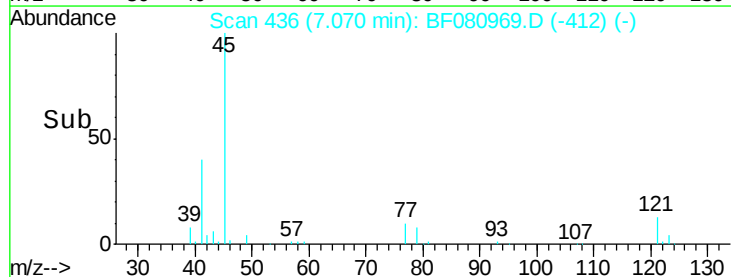
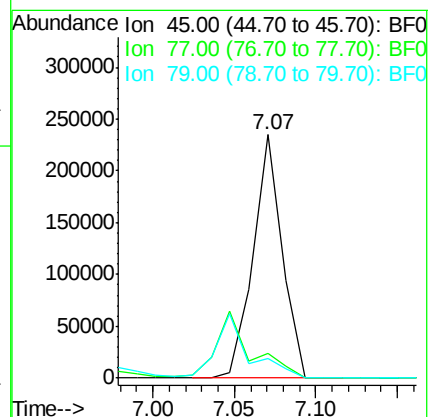
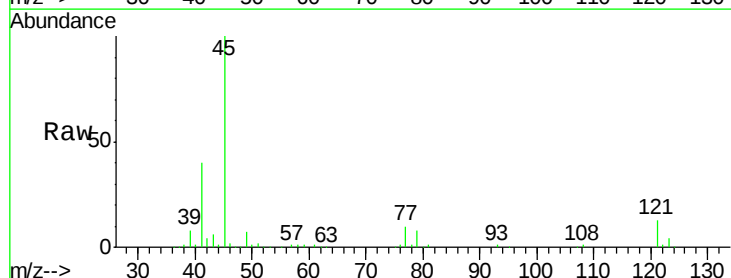
Tgt Ion: 45 Resp: 288768

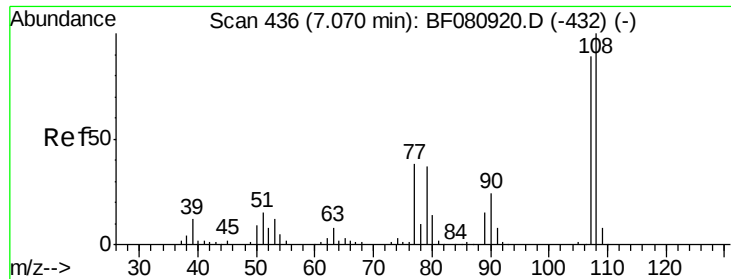
Ion Ratio Lower Upper

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

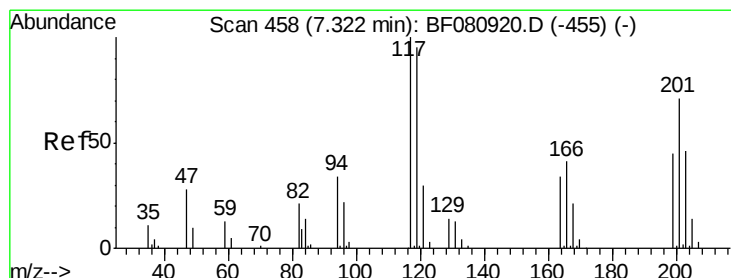
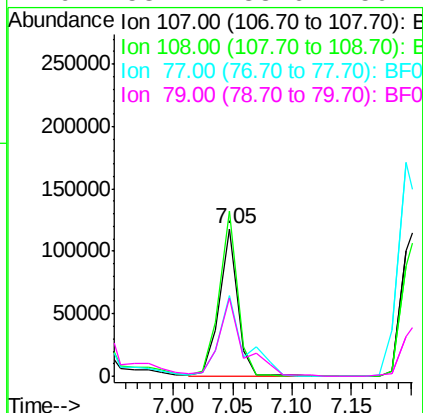
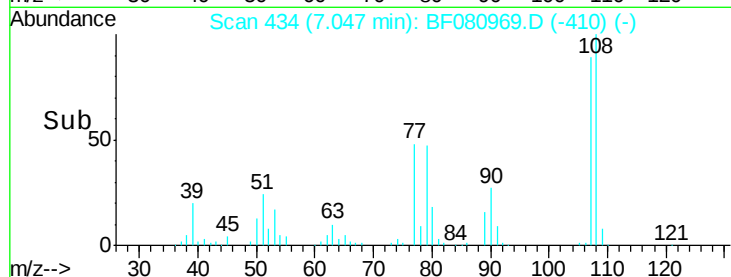
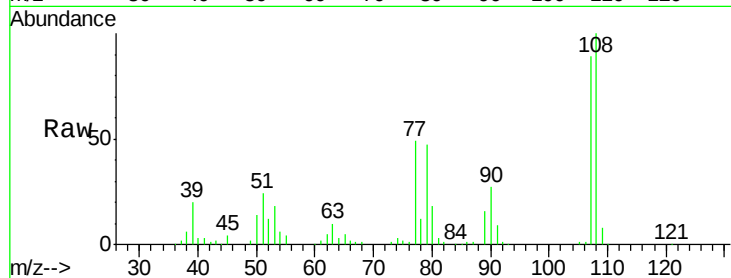
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :

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#



#18

Hexachloroethane

Concen: 35.24 ng

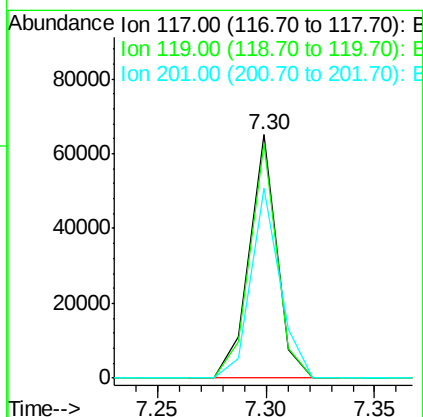
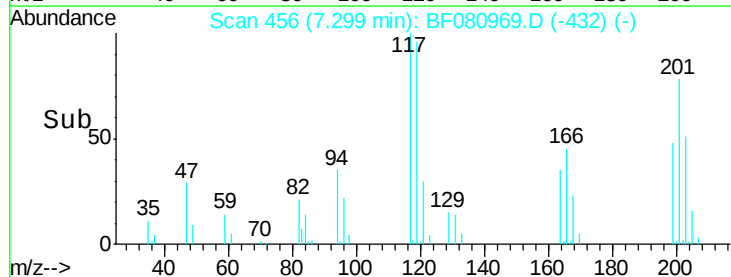
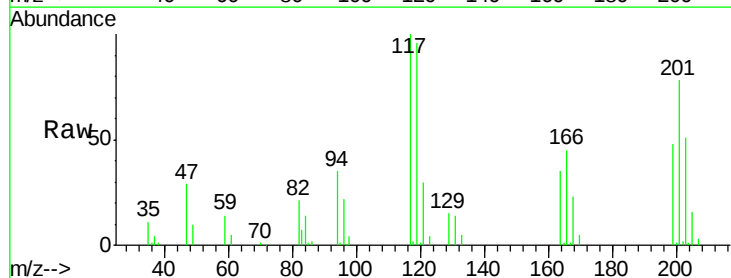
RT: 7.30 min Scan# 456

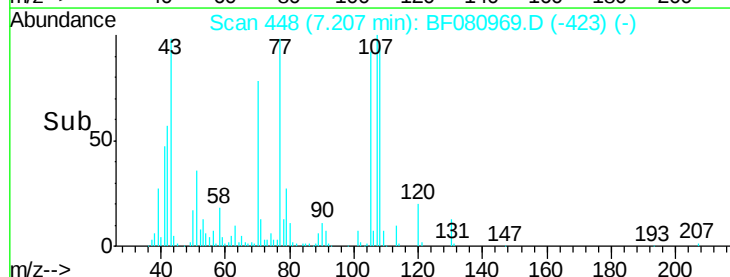
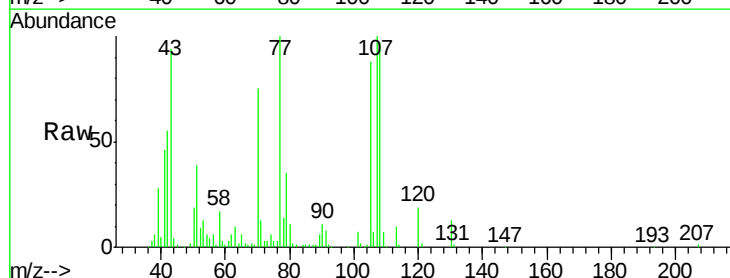
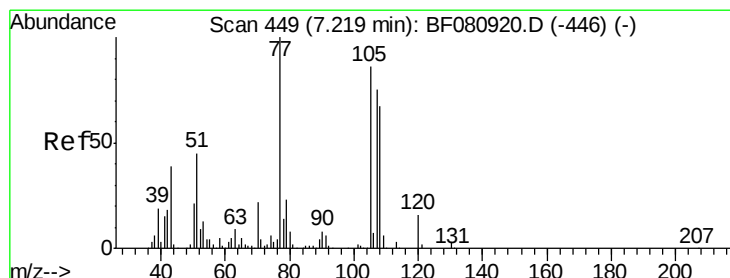
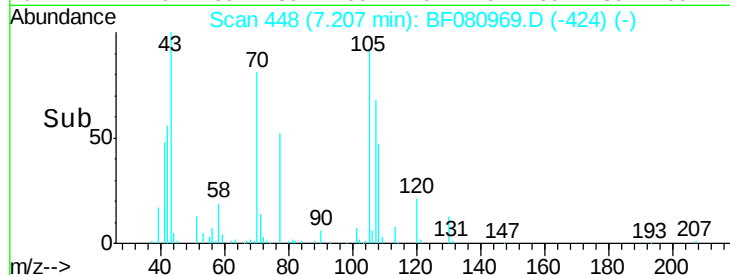
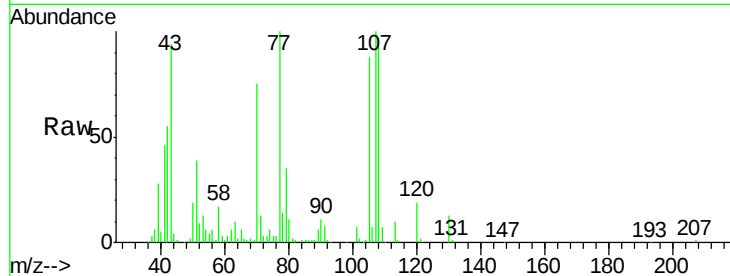
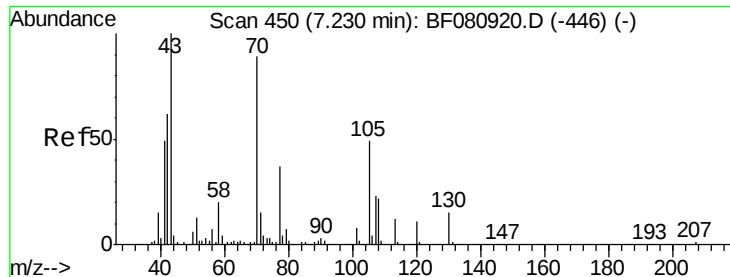
Delta R.T. -0.02 min

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

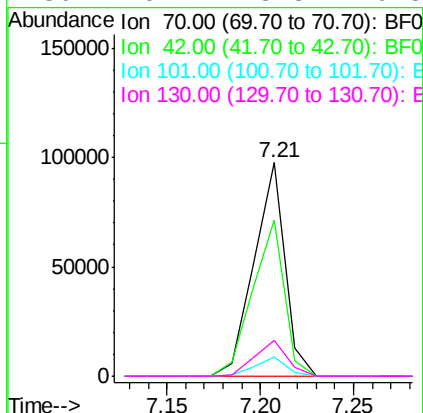




#19
n-Nitroso-di-n-propylamine
Concen: 33.87 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

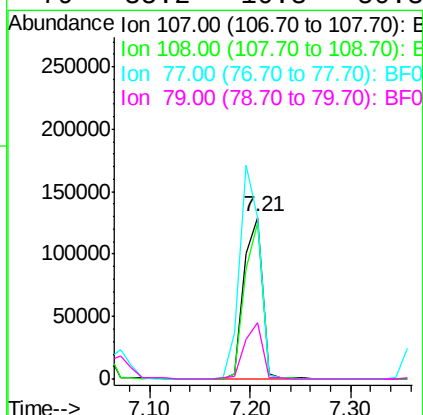
Instrument :
BNA_F
ClientSampleId :

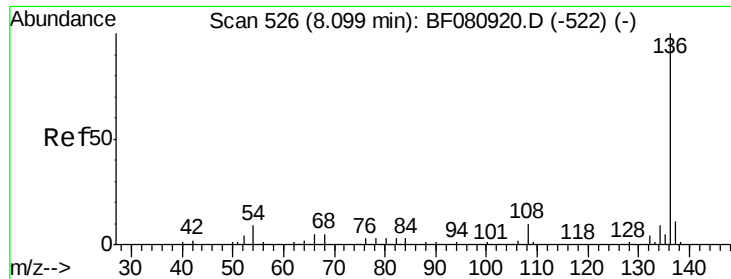
Tot Ion	Ratio	Lower	Upper
70	100		
42	72.9	55.7	83.5
101	8.8	7.0	10.6
130	16.7	13.8	20.8



#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

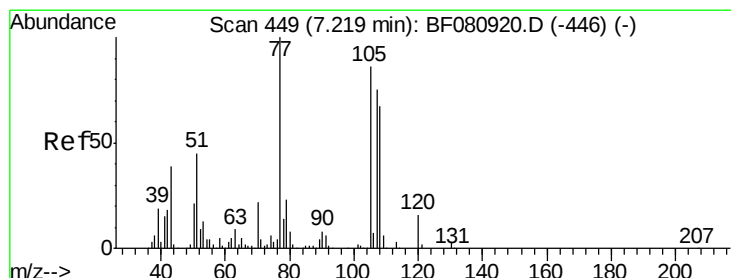
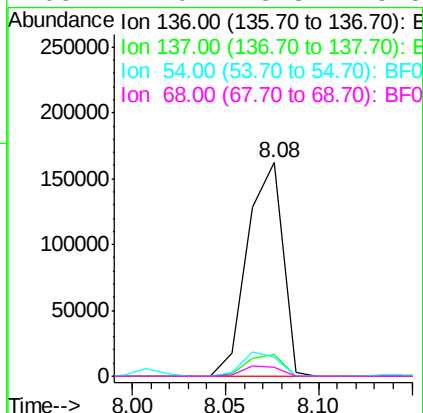
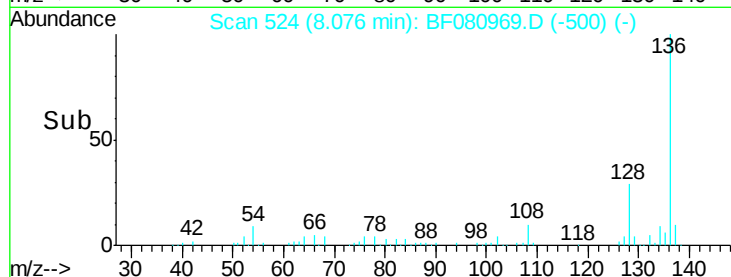
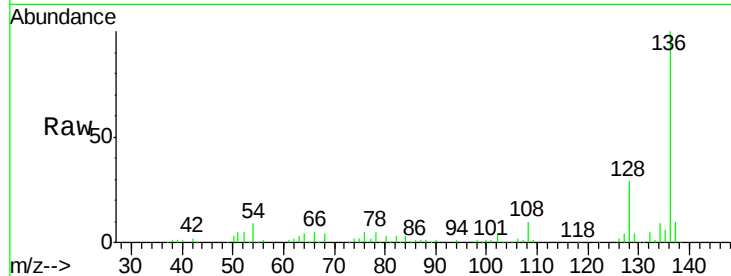




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

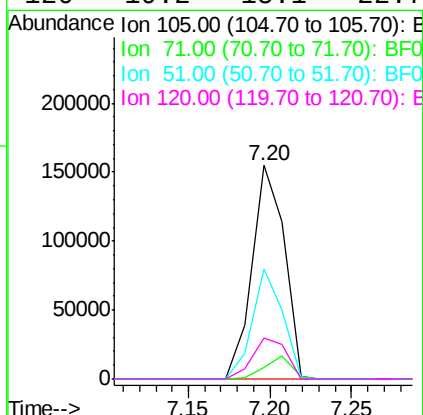
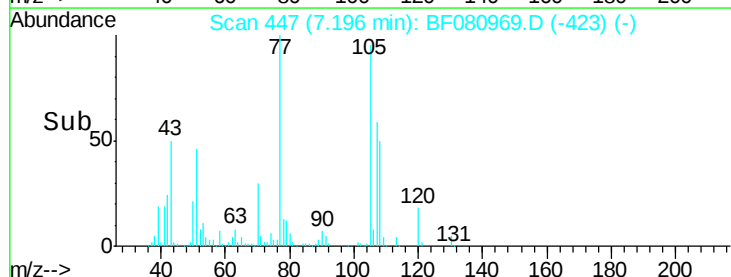
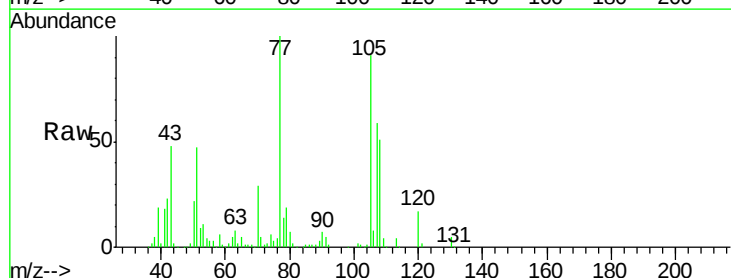
Instrument :
BNA_F
ClientSampleId :

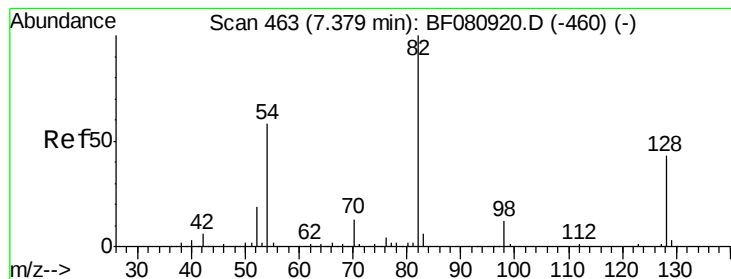
Tot Ion:136	Resp:	212920
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	8.8	7.1 10.7
68	4.0	3.8 5.8



#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





#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

ClientSampled :

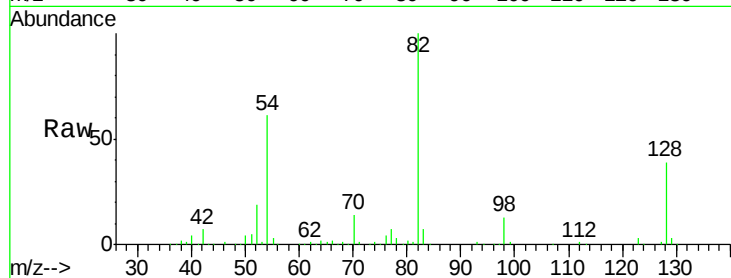
Tot Ion: 82 Resp: 408776

Ion Ratio Lower Upper

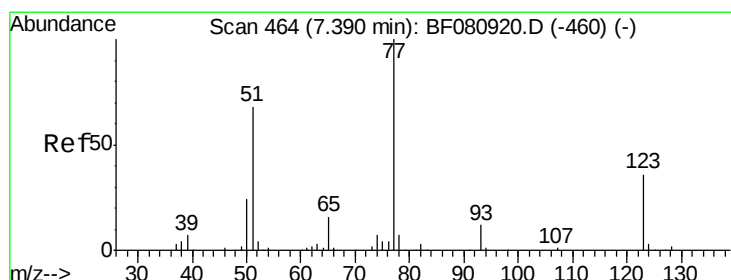
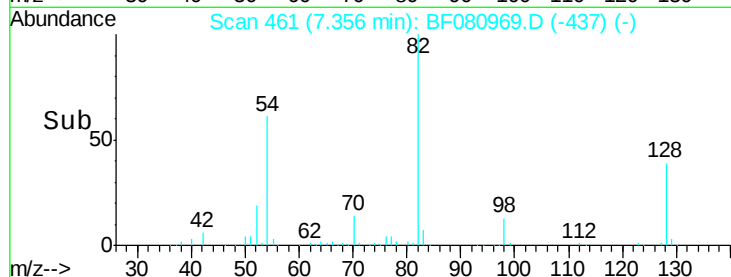
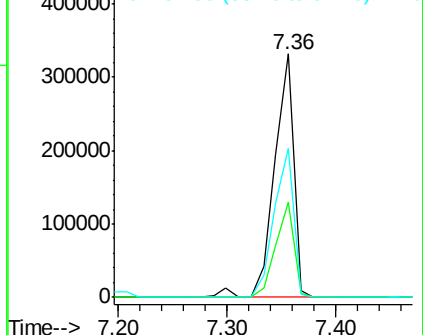
82 100

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

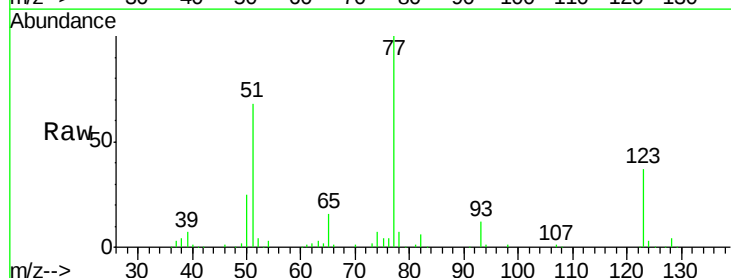
Tgt Ion: 77 Resp: 171788

Ion Ratio Lower Upper

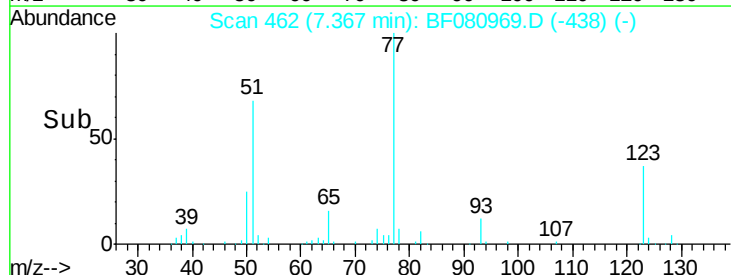
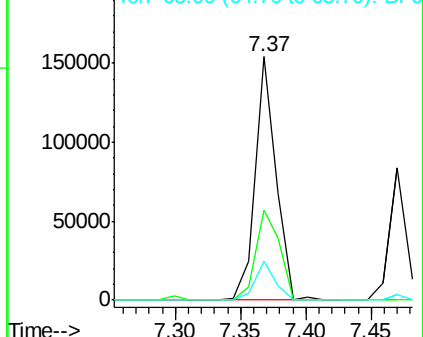
77 100

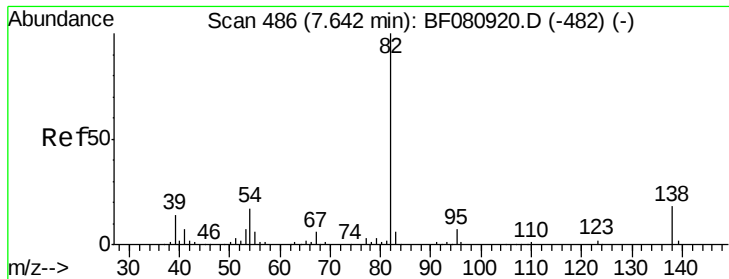
123 37.2 28.7 43.1

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 :

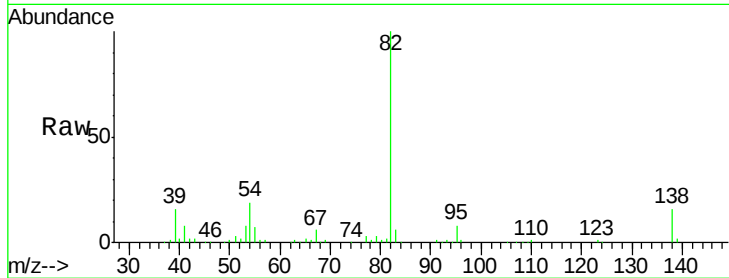
Tot Ion: 82 Resp: 332602

Ion Ratio Lower Upper

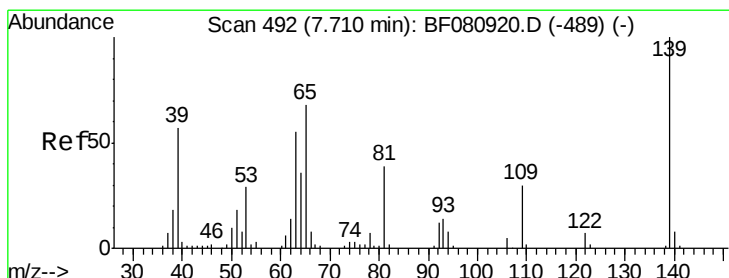
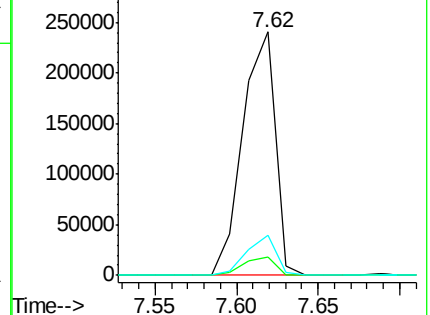
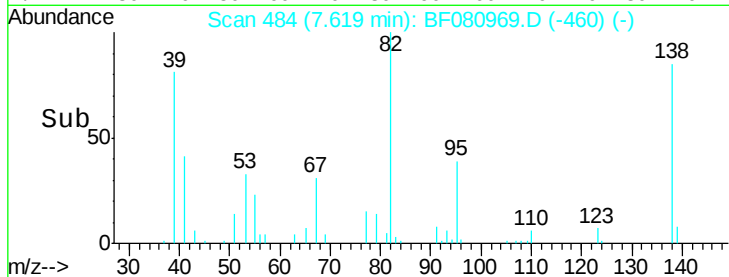
82 100

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

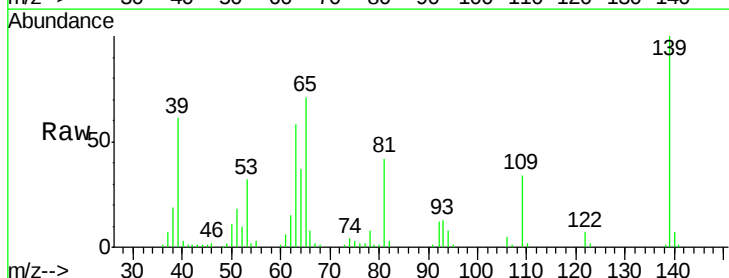
Tgt Ion: 139 Resp: 75496

Ion Ratio Lower Upper

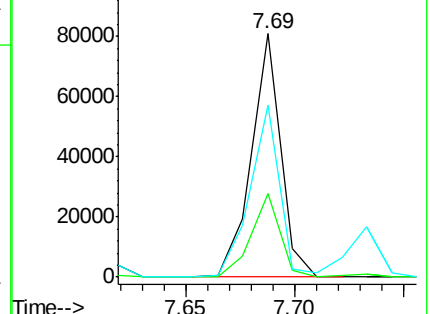
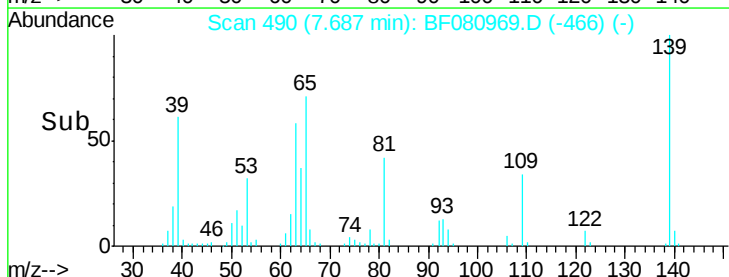
139 100

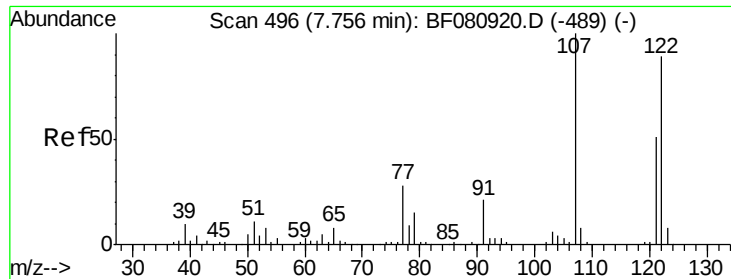
109 34.1 24.1 36.1

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

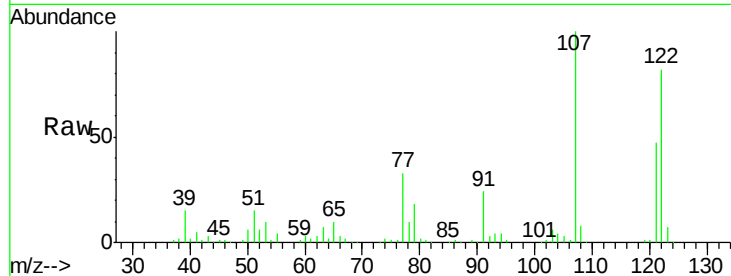




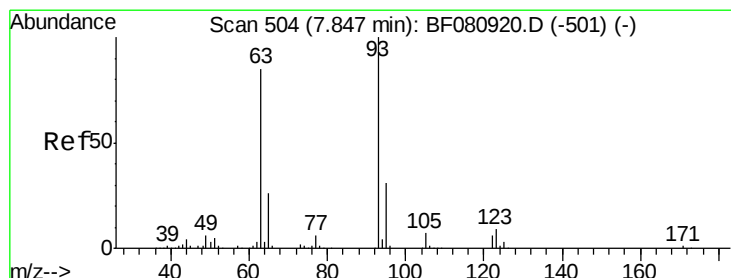
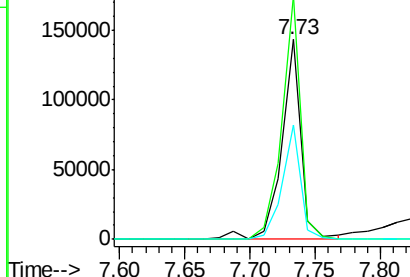
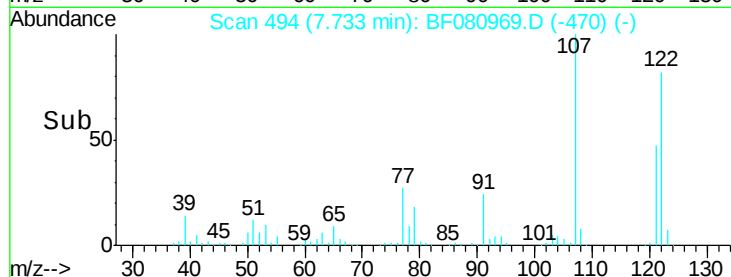
#27
 2,4-Dimethylphenol
 Concen: 40.88 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampled :

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

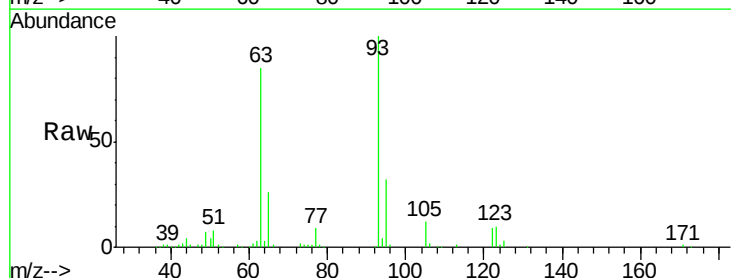


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

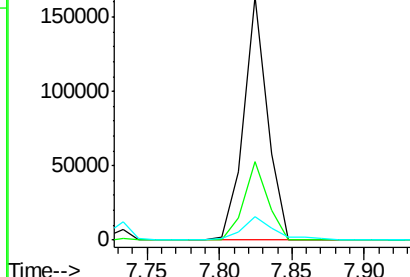
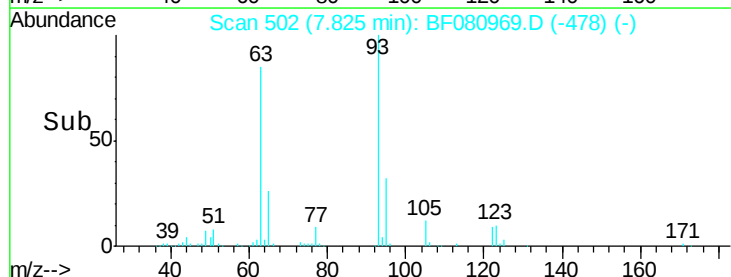


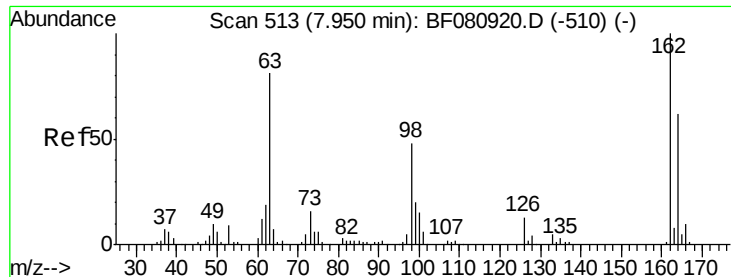
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.69 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

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

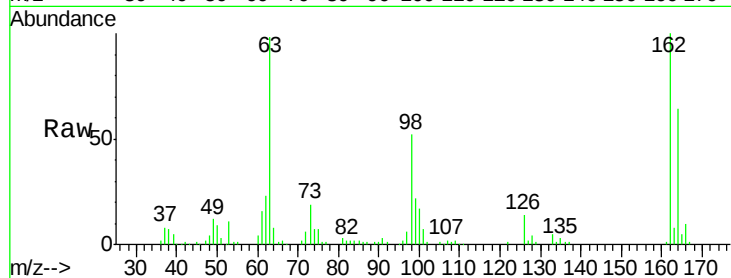




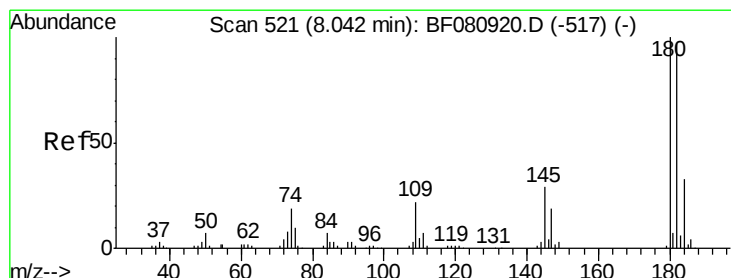
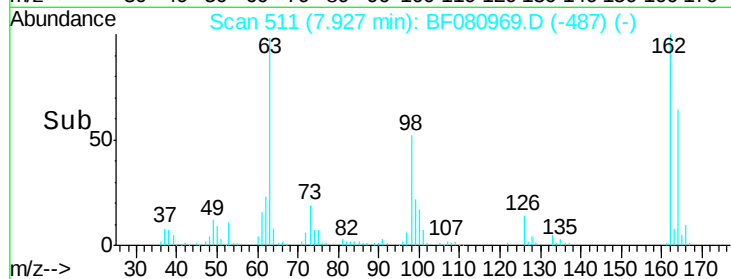
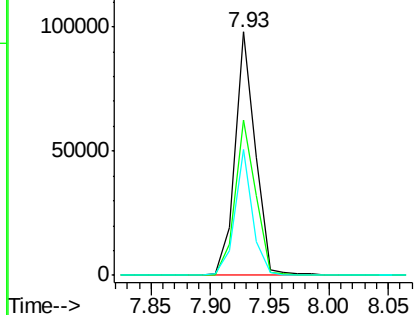
#29
 2,4-Dichlorophenol
 Concen: 38.81 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	162	Resp	116436
Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.3	82.3
98	51.9	27.7	67.7

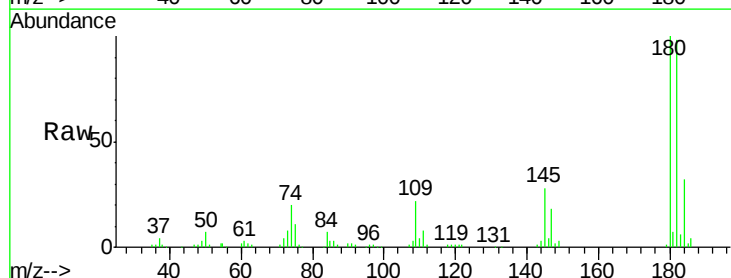


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

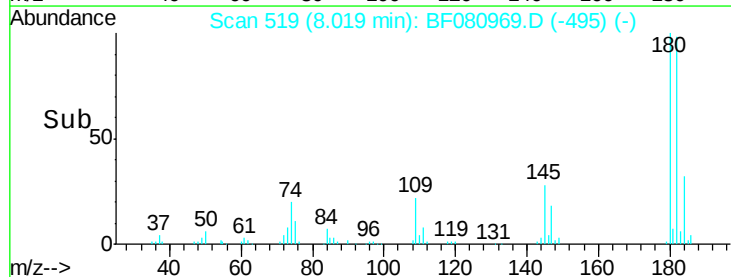
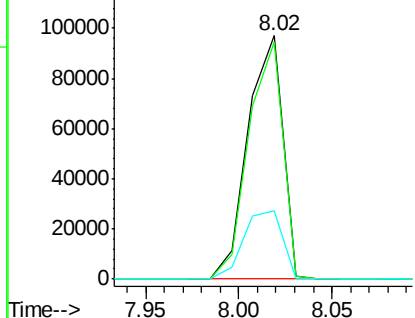


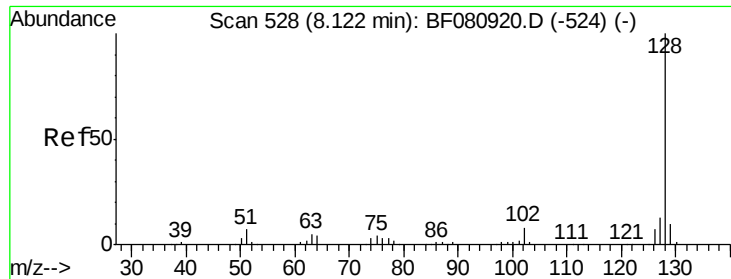
#30
 1,2,4-Trichlorobenzene
 Concen: 38.24 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	180	Resp	125413
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

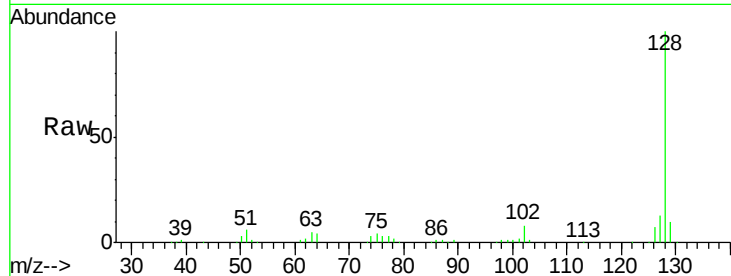




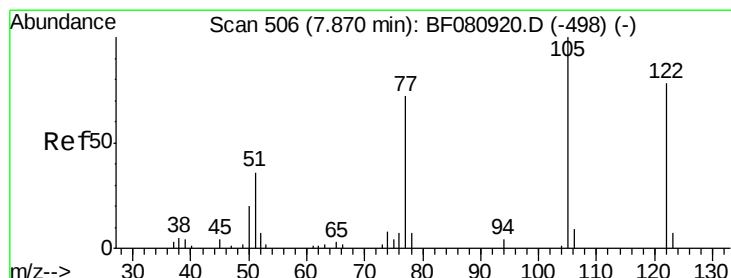
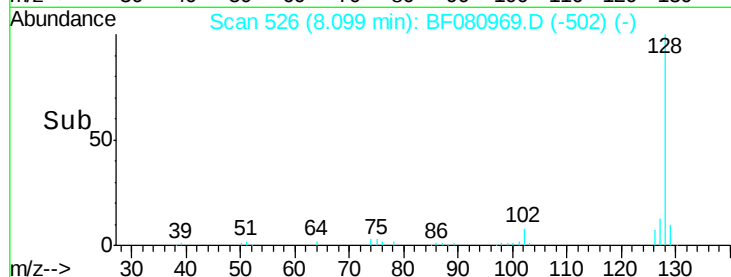
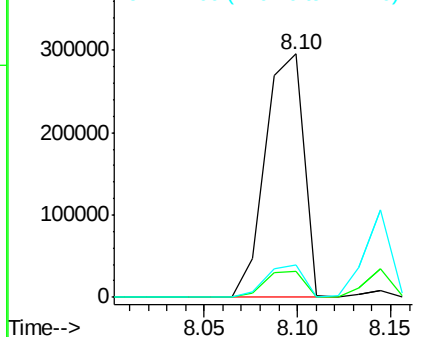
#31
Naphthalene
Concen: 35.97 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :

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

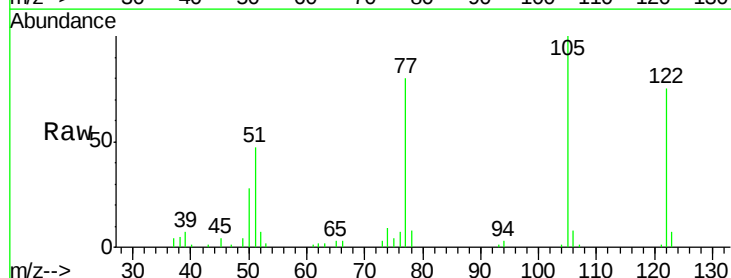


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

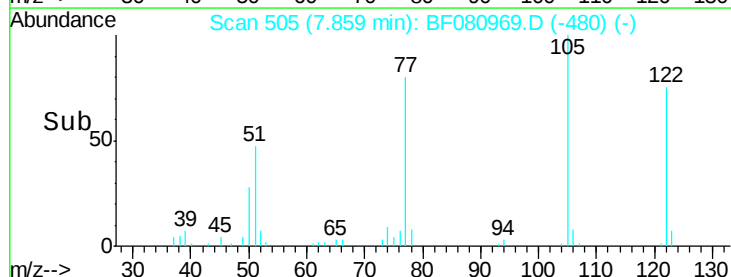
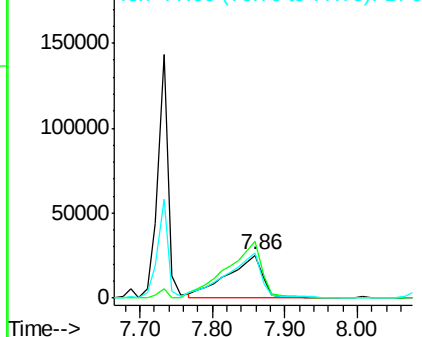


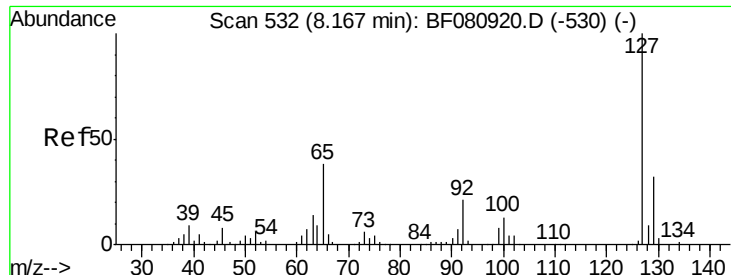
#32
Benzoic acid
Concen: 40.37 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

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



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

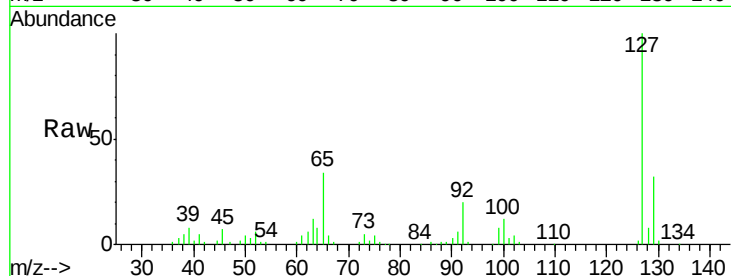




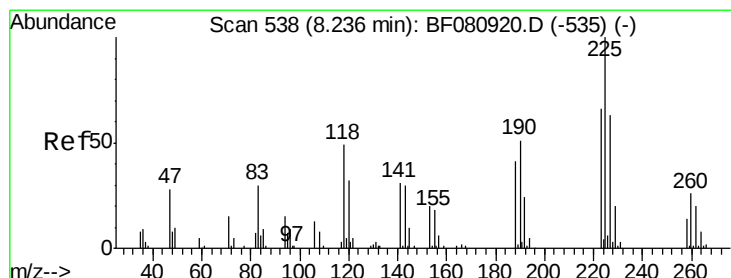
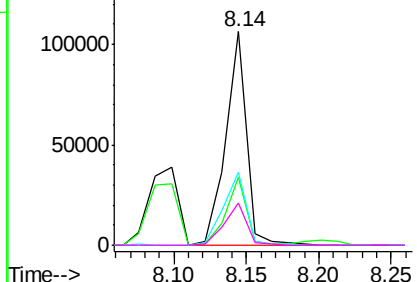
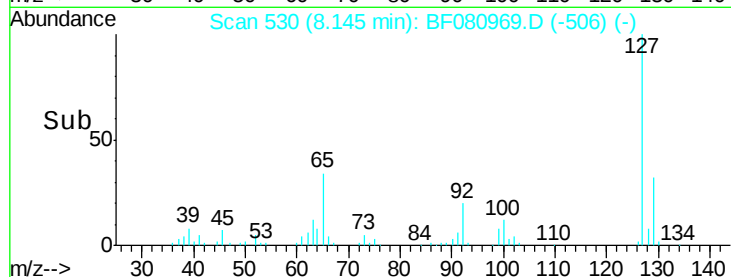
#33
4-Chloroaniline
Concen: 22.20 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :

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

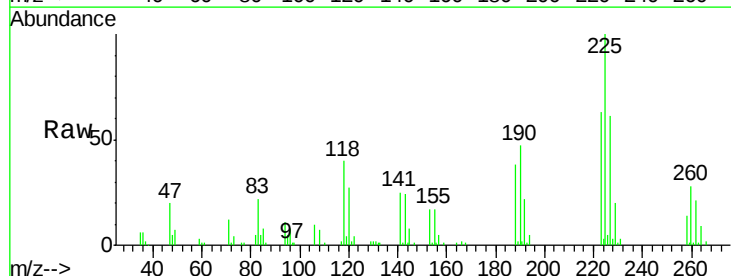


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

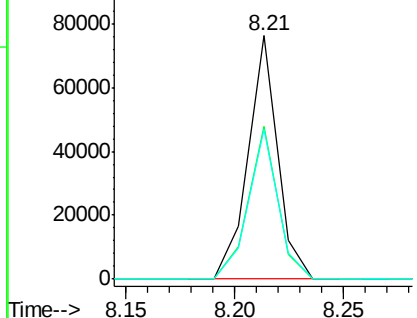
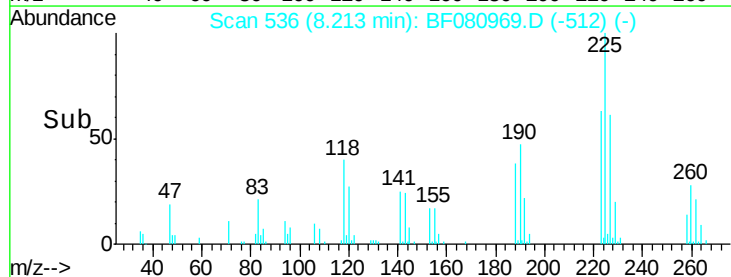


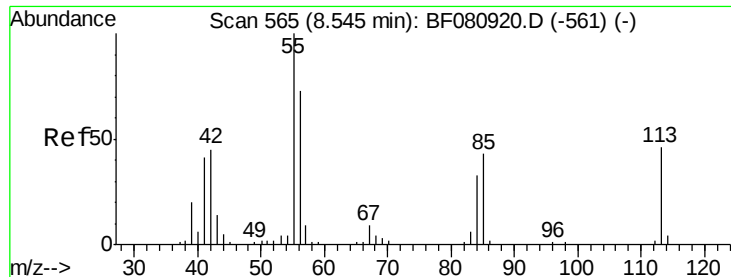
#34
Hexachlorobutadiene
Concen: 36.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

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 :

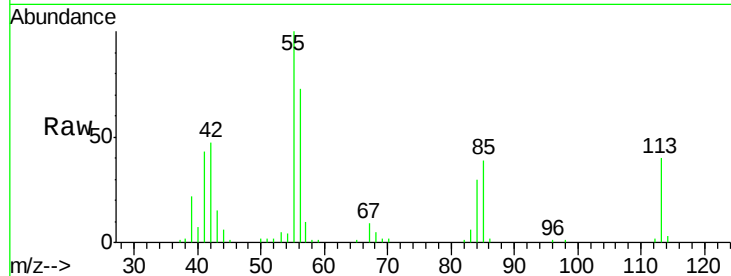
Tot Ion:113 Resp: 30473

Ion Ratio Lower Upper

113 100

55 248.0 196.4 236.4#

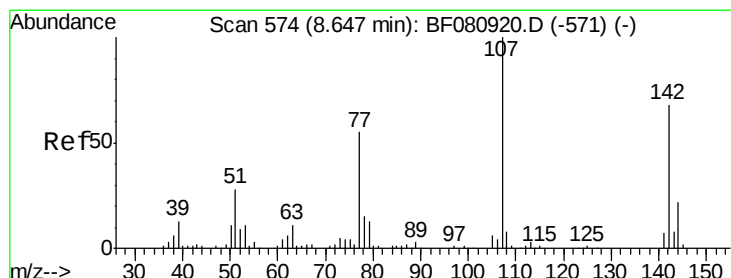
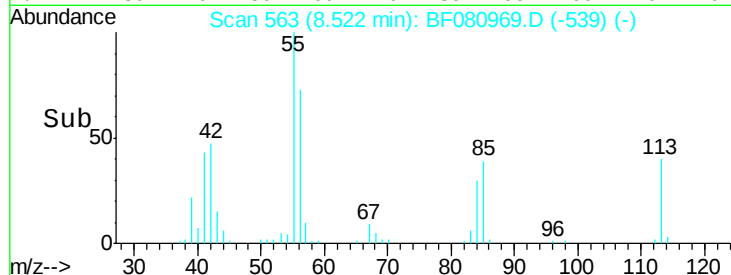
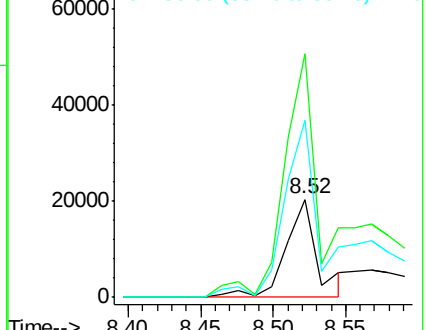
56 179.9 137.9 177.9#



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

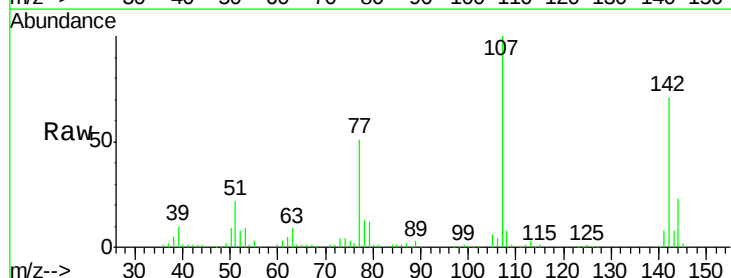
Tgt Ion:107 Resp: 171303

Ion Ratio Lower Upper

107 100

144 23.3 17.3 25.9

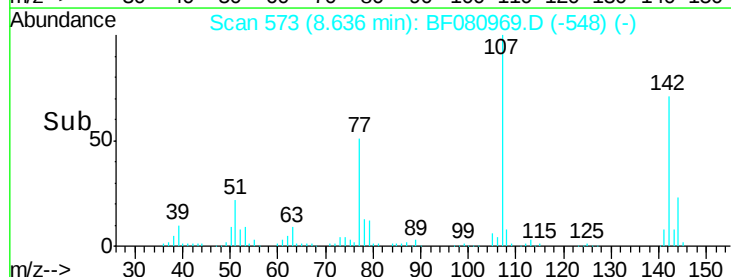
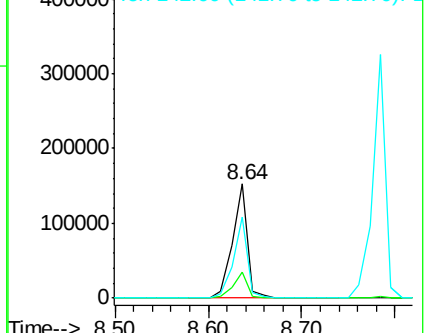
142 71.4 54.4 81.6

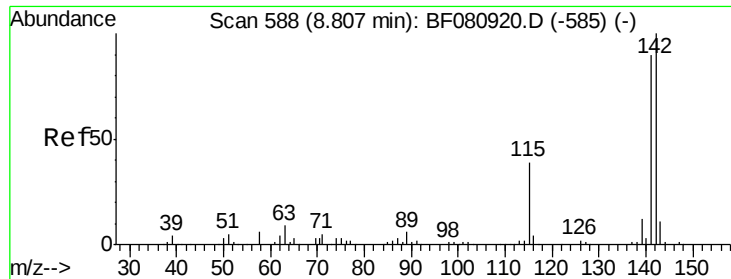


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

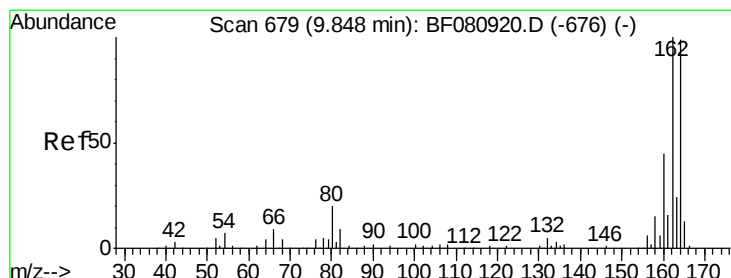
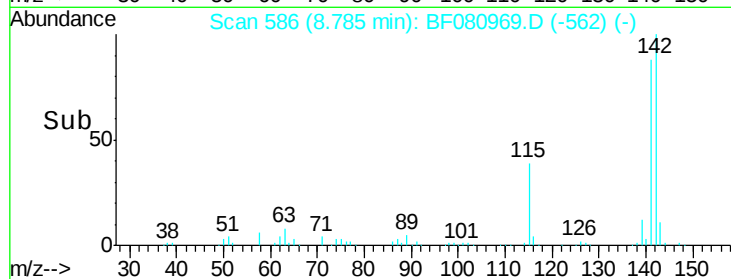
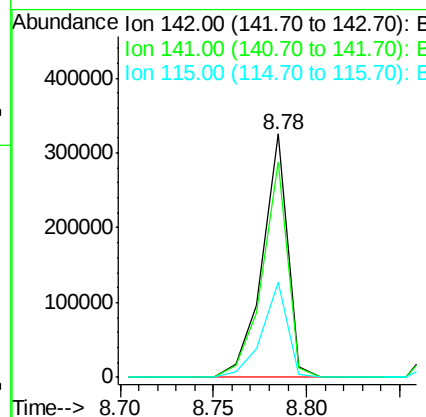
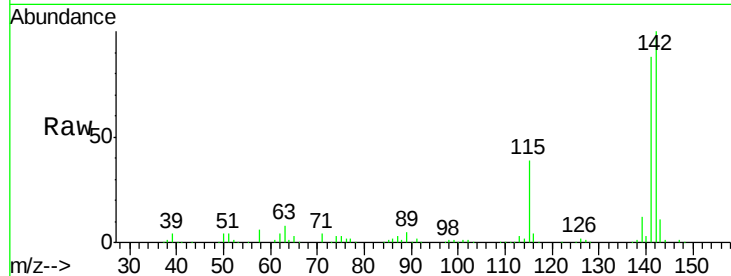




#37
 2-Methylnaphthalene
 Concen: 41.75 ng
 RT: 8.78 min Scan# 586
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

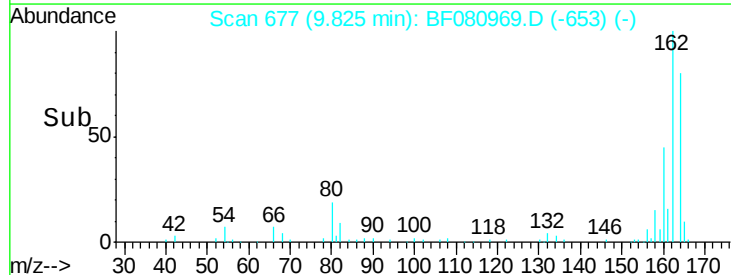
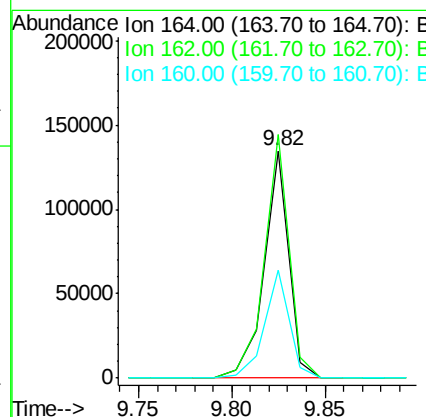
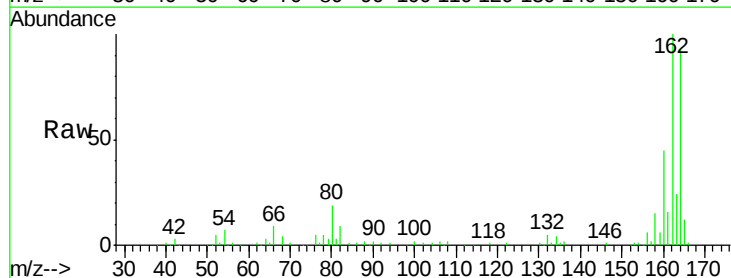
Instrument :
 BNA_F
 ClientSampleId :

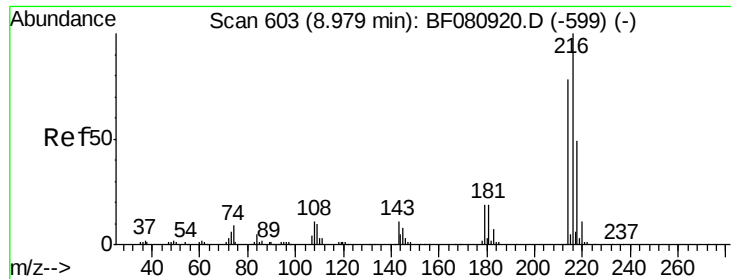
Tot Ion:142 Resp: 311888
 Ion Ratio Lower Upper
 142 100
 141 88.4 71.7 107.5
 115 39.0 30.9 46.3



#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

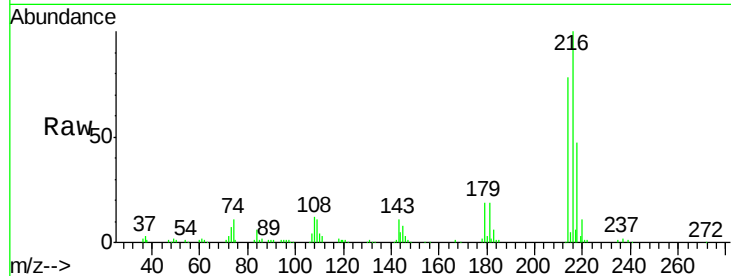
Acq: 11 Aug 2015 19:05

Instrument :

BNA_F

ClientSampleId :

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

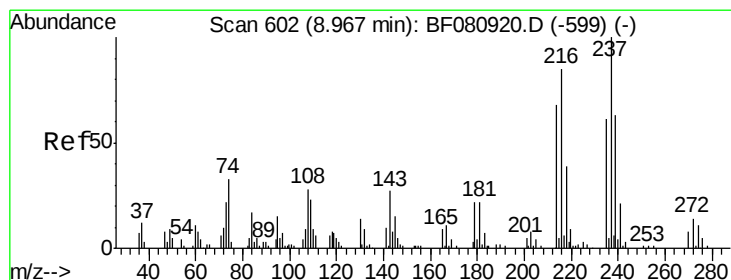
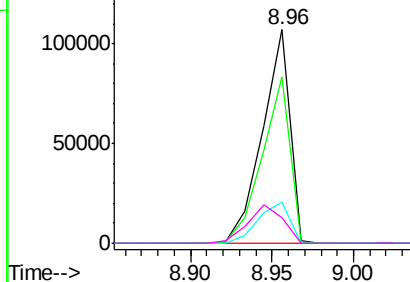
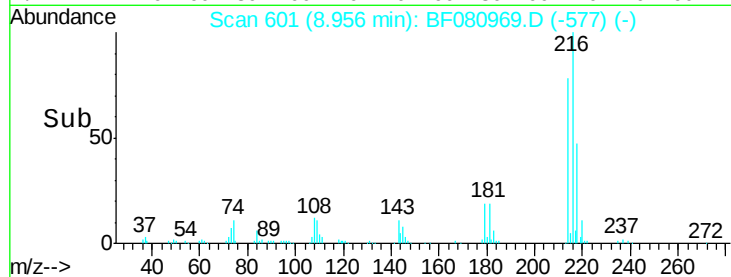


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 82.15 ng

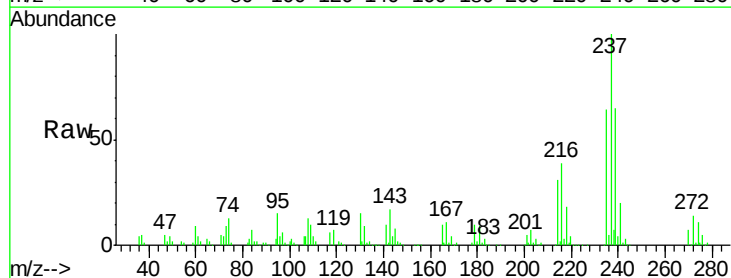
RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

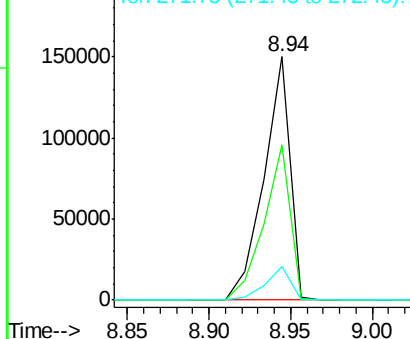
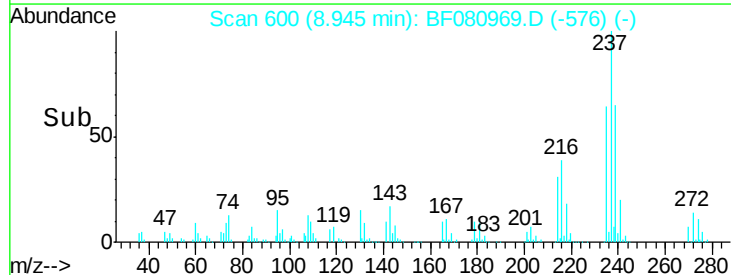
Tgt Ion:237	Resp:	168042
Ion Ratio	Lower	Upper
237	100	
235	63.8	41.3 81.3
272	14.0	0.0 33.6

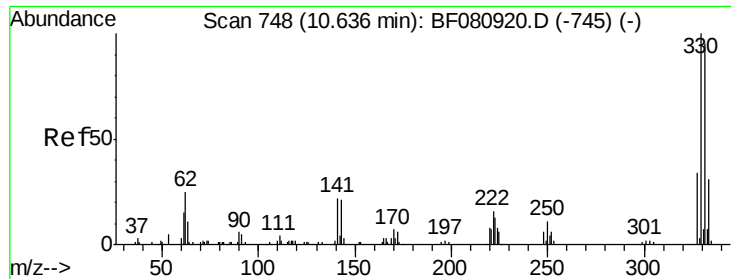


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

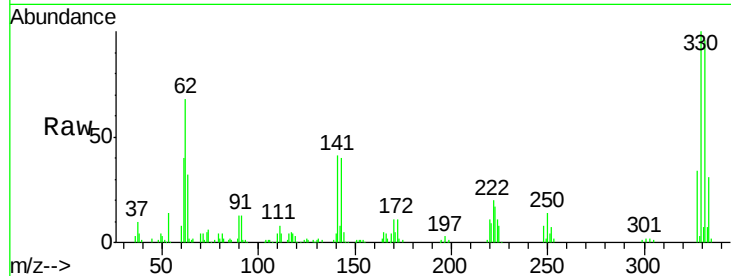




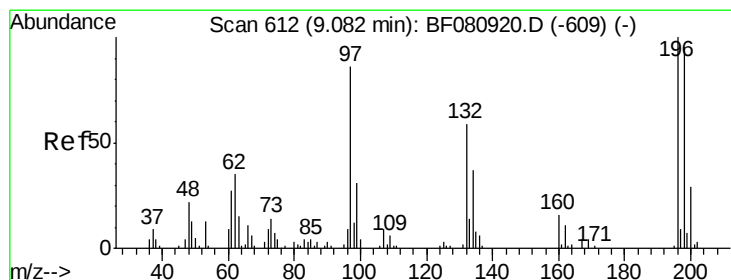
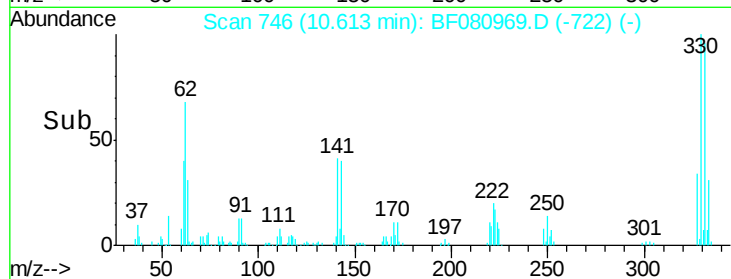
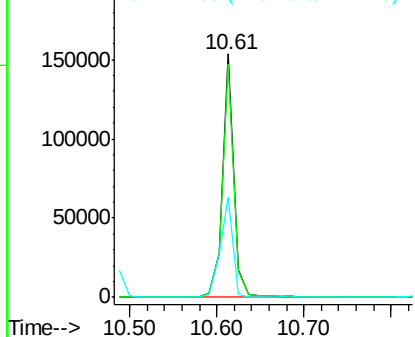
#41
 2,4,6-Tribromophenol
 Concen: 106.39 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

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

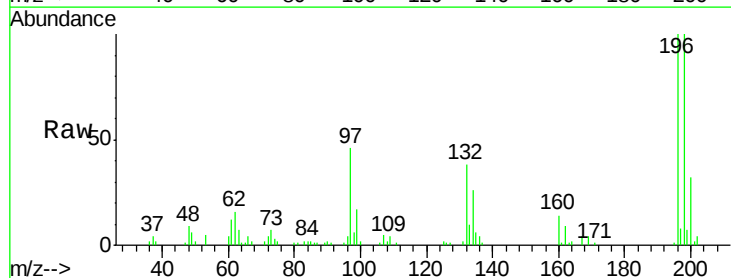


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

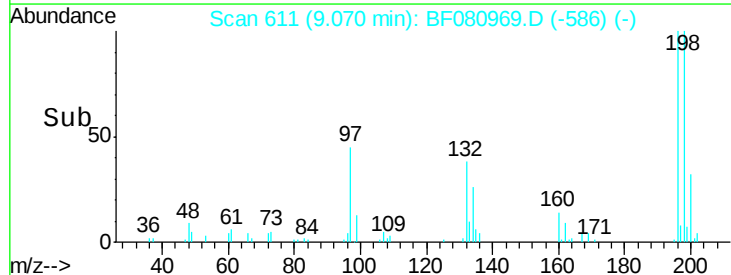
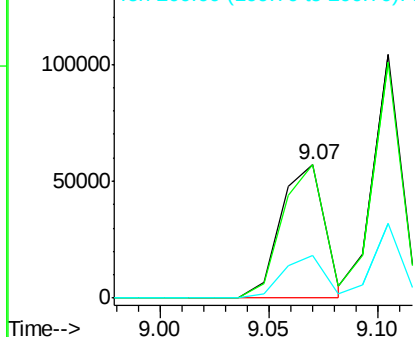


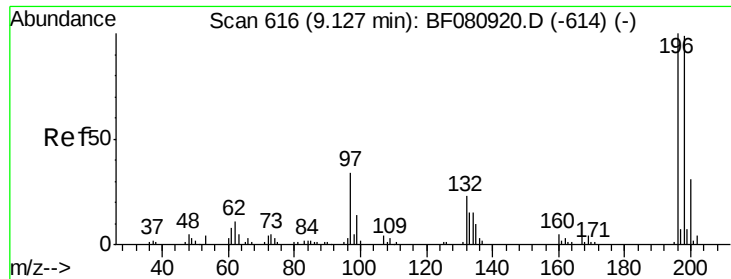
#42
 2,4,6-Trichlorophenol
 Concen: 29.15 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion	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

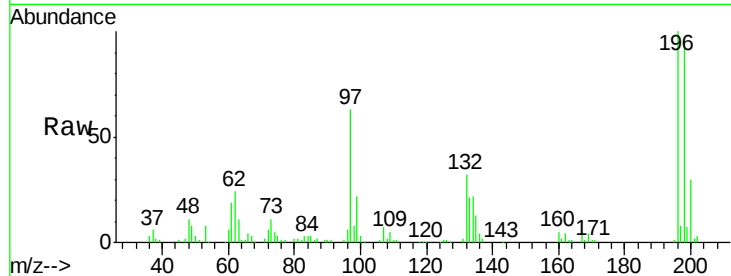




#43
2,4,5-Trichlorophenol
Concen: 36.51 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampleId :

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#



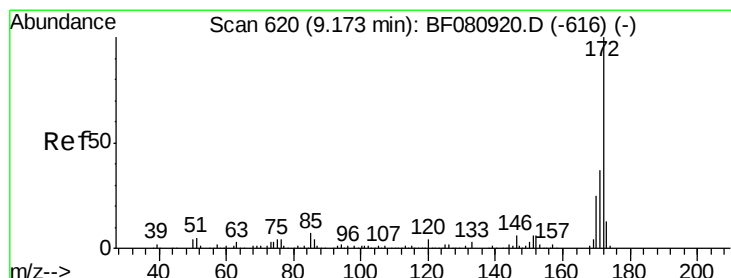
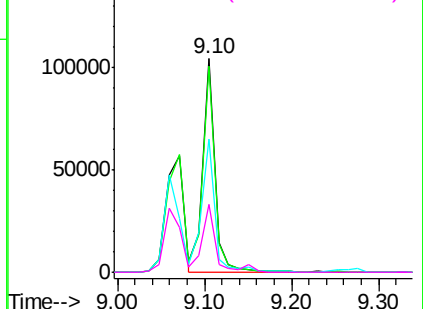
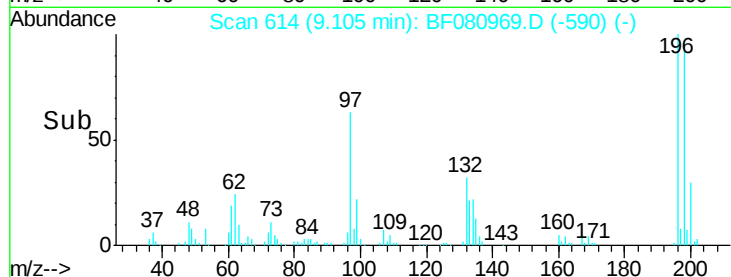
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

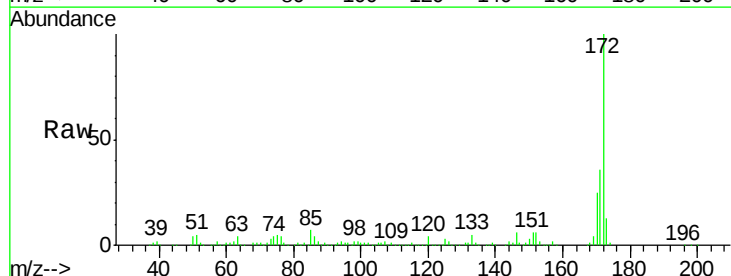
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 72.50 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

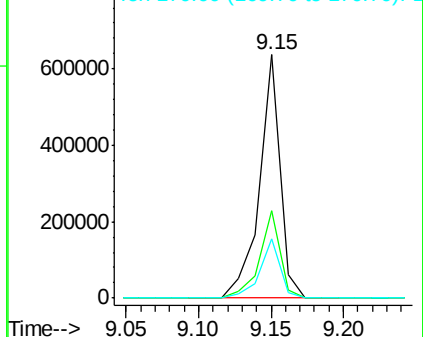
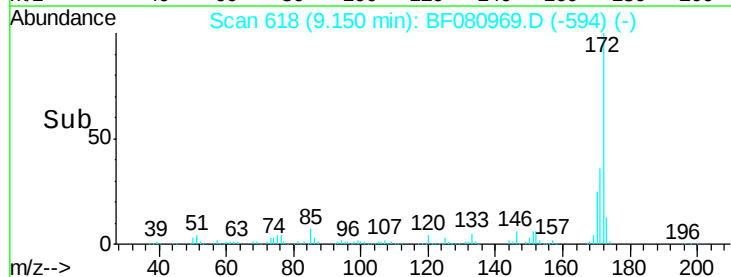


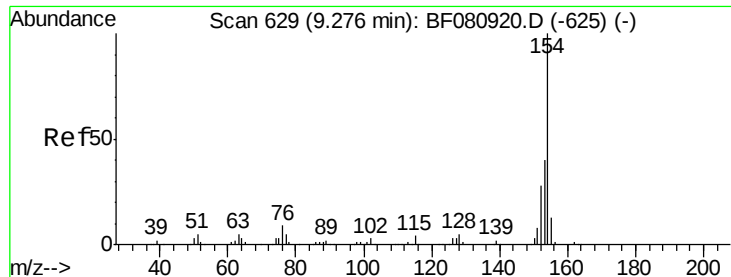
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 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 :

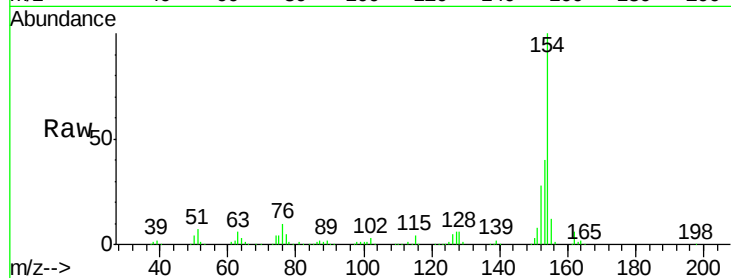
Tot Ion:154 Resp: 379980

Ion Ratio Lower Upper

154 100

153 40.2 20.1 60.1

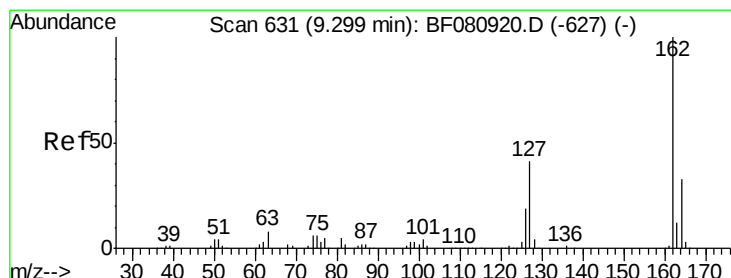
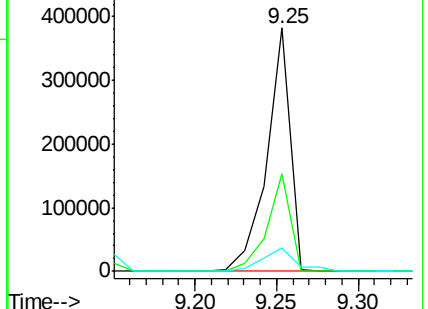
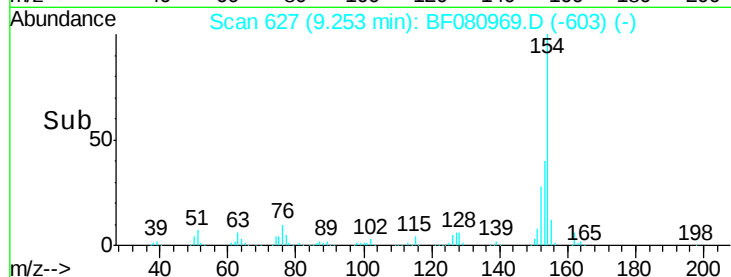
76 9.6 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 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

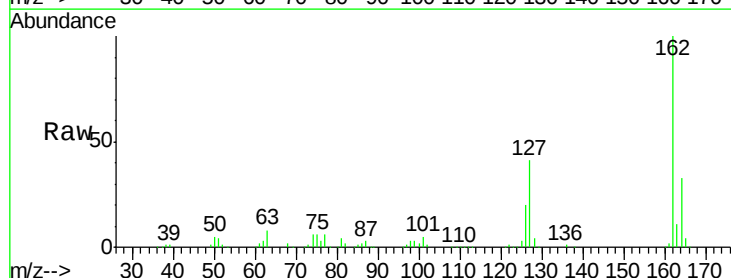
Tgt Ion:162 Resp: 271787

Ion Ratio Lower Upper

162 100

127 41.3 32.5 48.7

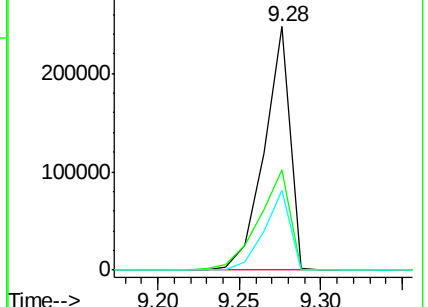
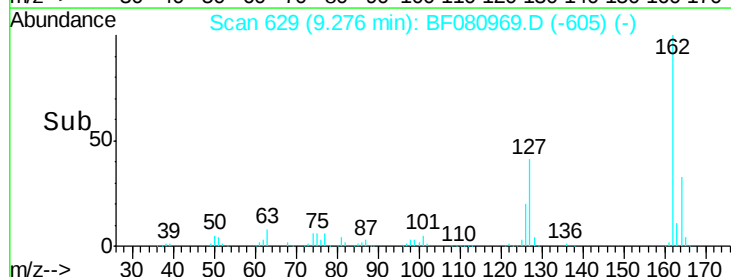
164 32.7 26.2 39.4

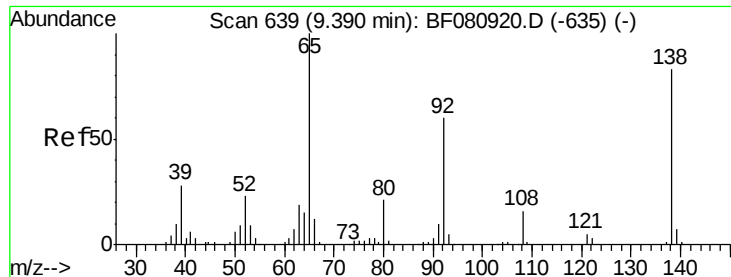


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

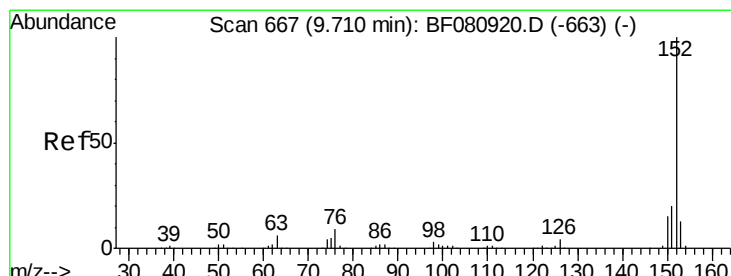
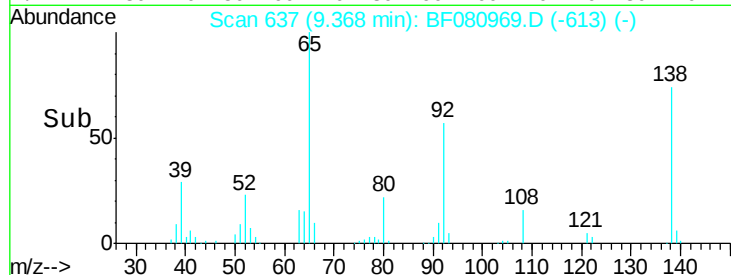
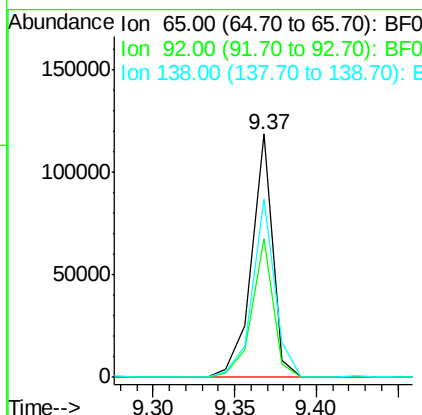
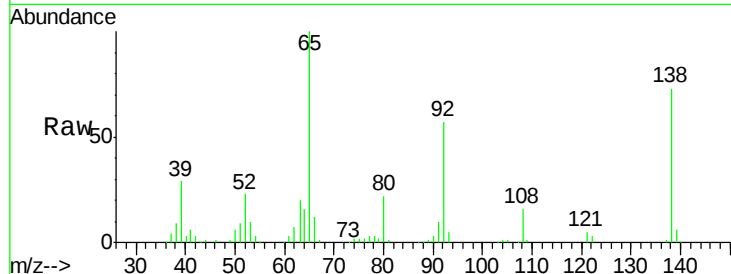




#47
 2-Nitroaniline
 Concen: 32.83 ng
 RT: 9.37 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

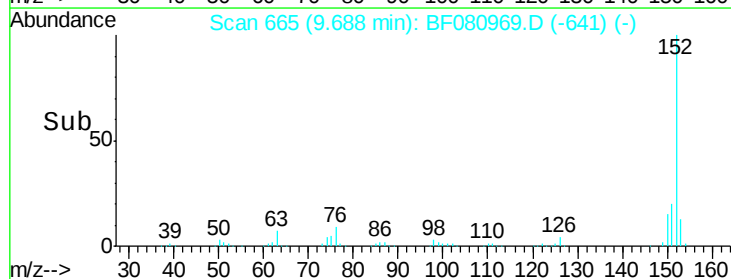
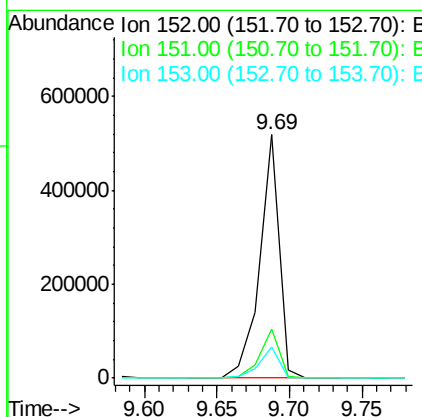
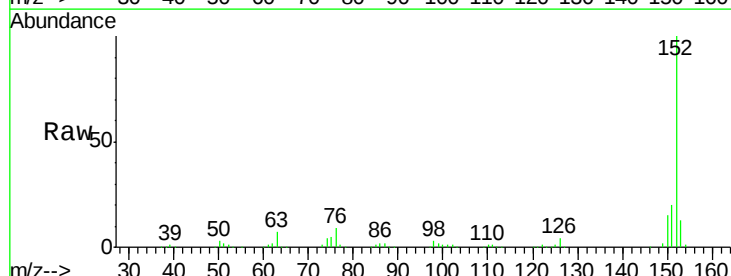
Instrument :
 BNA_F
 ClientSampleId :

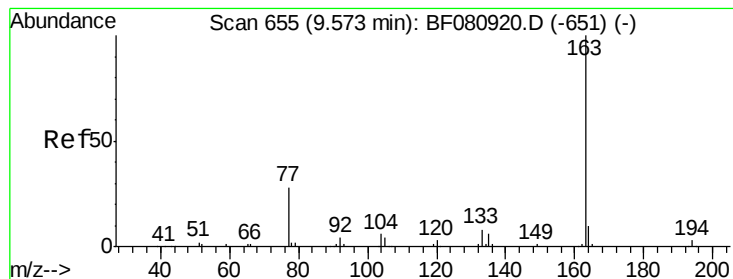
Tot Ion: 65 Resp: 107114
 Ion Ratio Lower Upper
 65 100
 92 57.0 48.0 72.0
 138 73.3 66.1 99.1



#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 :

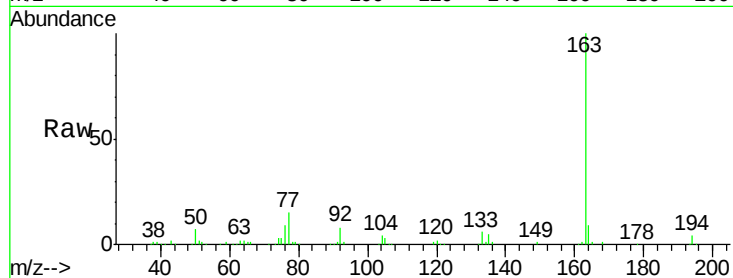
Tot Ion:163 Resp: 358955

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

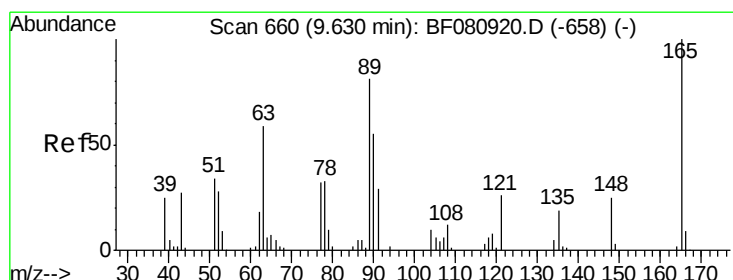
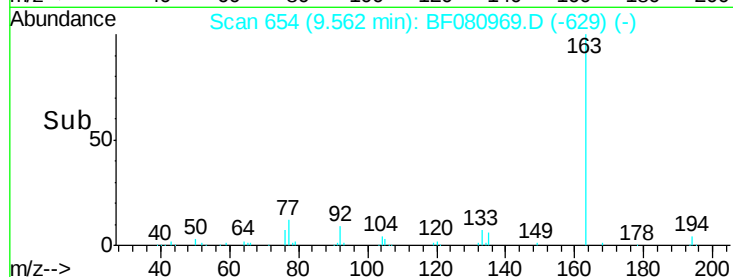
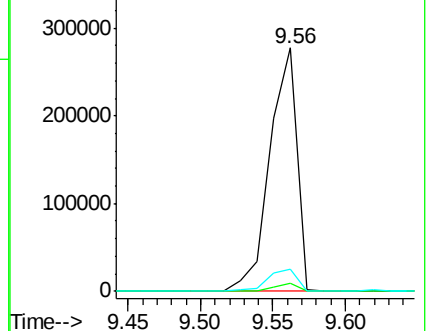
164 9.3 8.2 12.4



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

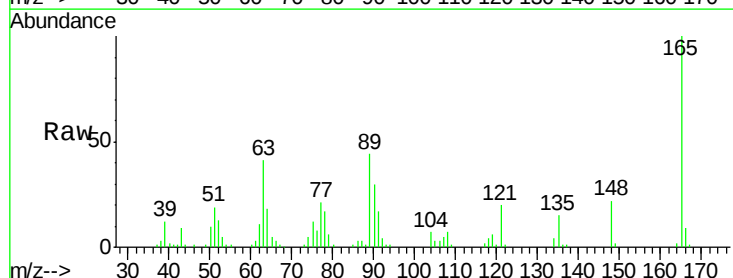
Tgt Ion:165 Resp: 76473

Ion Ratio Lower Upper

165 100

63 40.8 77.6 116.4#

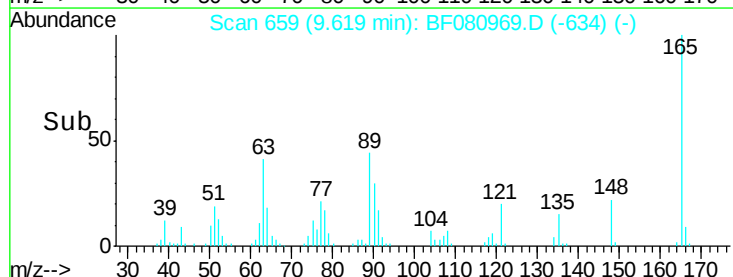
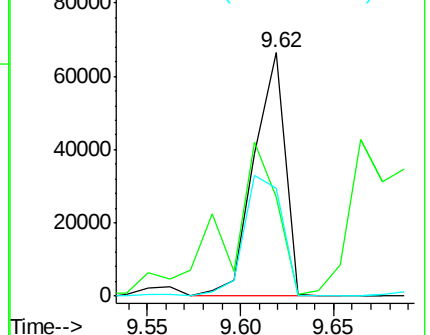
89 44.2 64.5 96.7#

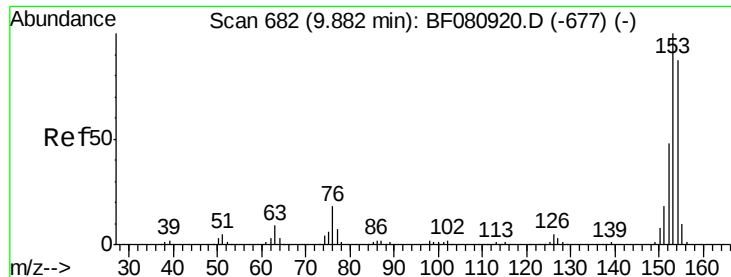


Abundance Ion 165.00 (164.70 to 165.70): E

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 :

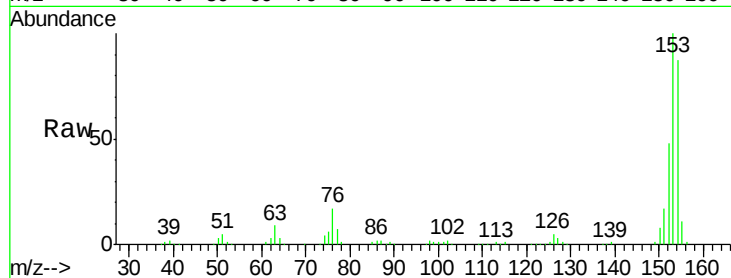
Tot Ion:154 Resp: 350988

Ion Ratio Lower Upper

154 100

153 115.0 91.4 137.2

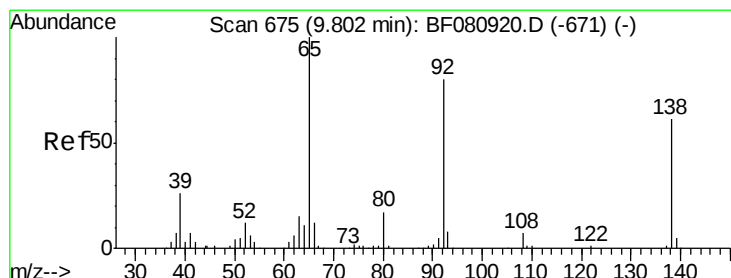
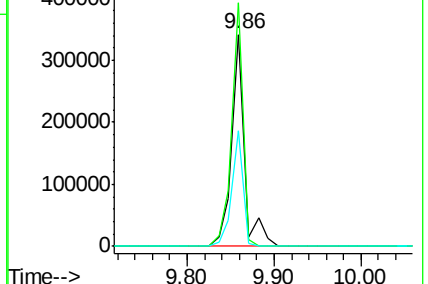
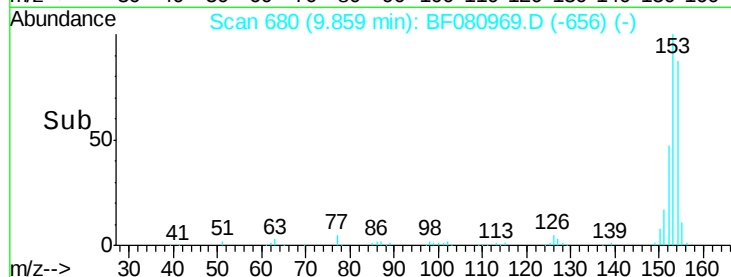
152 54.7 44.2 66.4



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

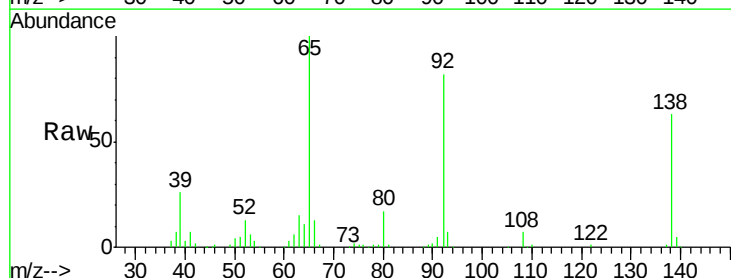
Tgt Ion:138 Resp: 61932

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

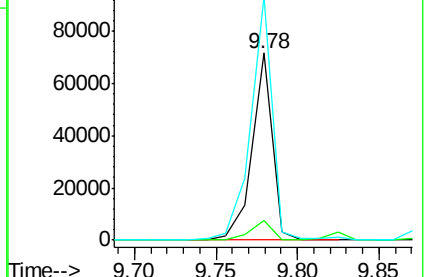
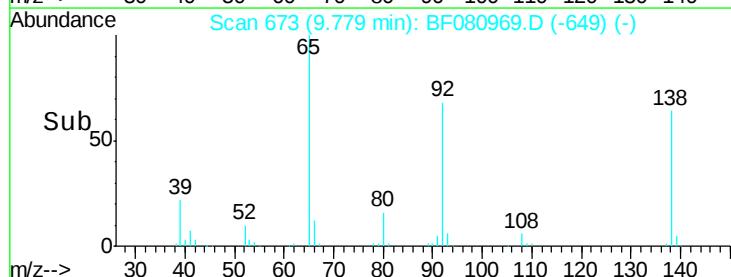
92 130.3 104.4 156.6

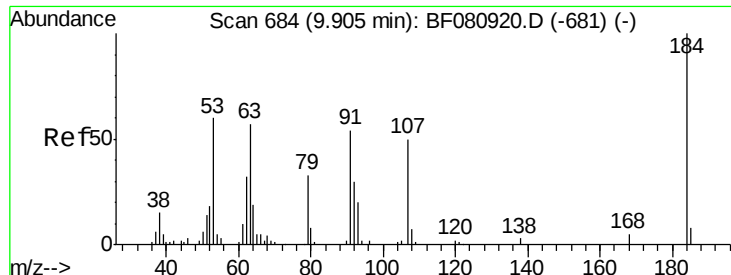


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

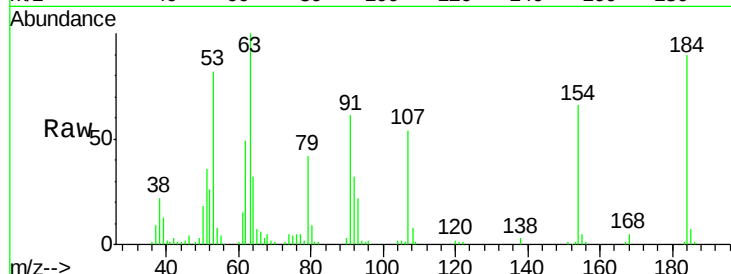




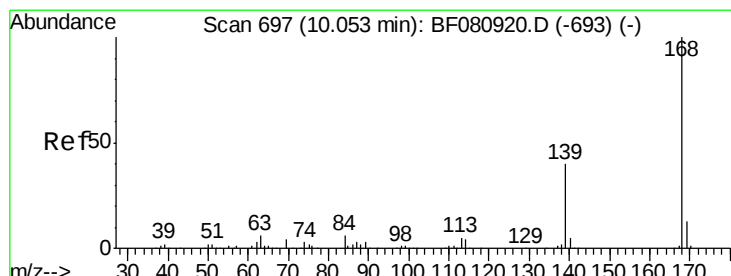
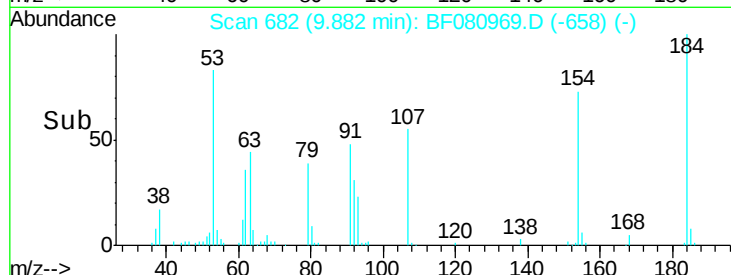
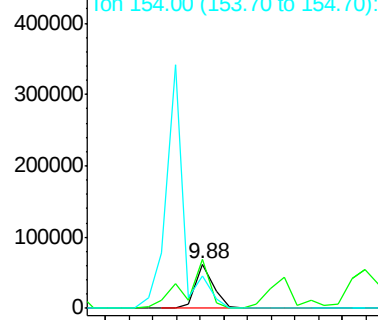
#53
2,4-Dinitrophenol
Concen: 53.86 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampled :

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

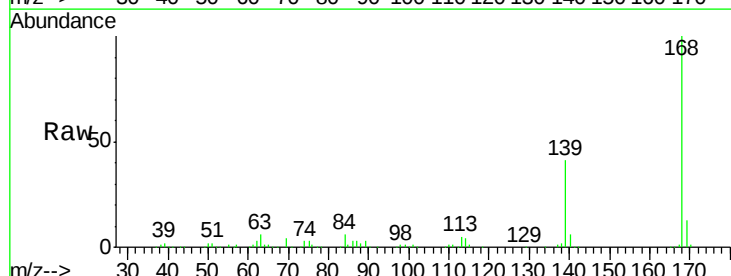


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

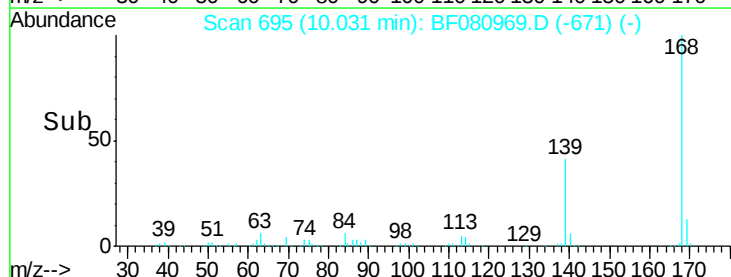
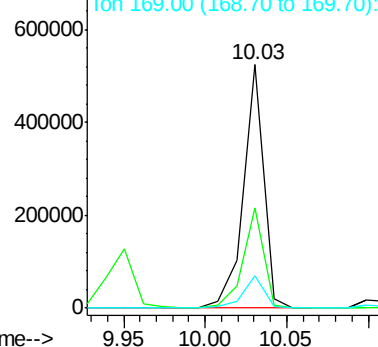


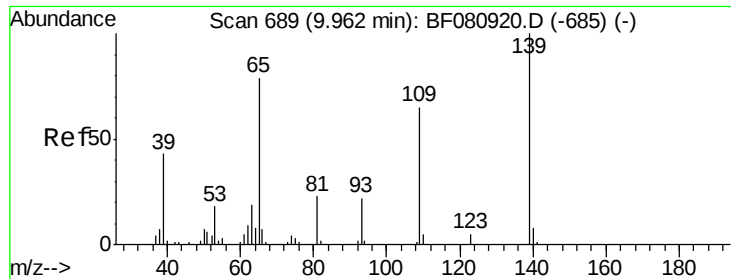
#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

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

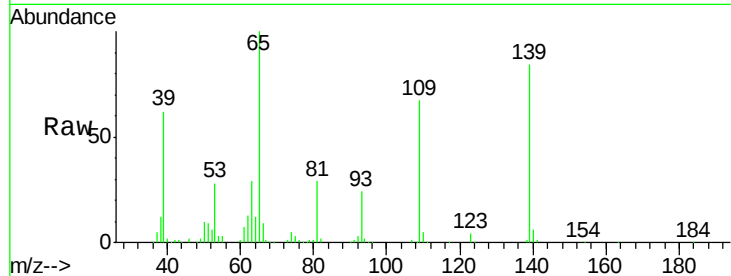
Acq: 11 Aug 2015 19:05

Instrument :

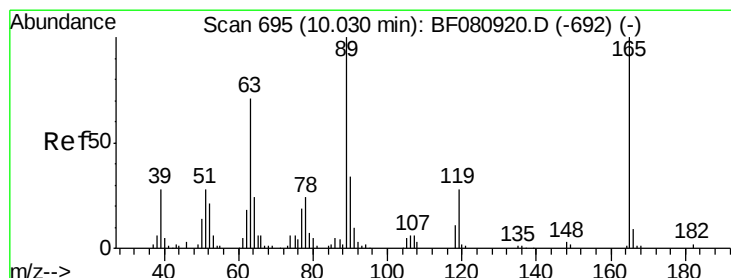
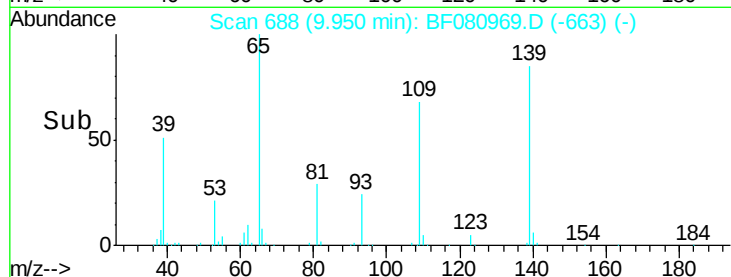
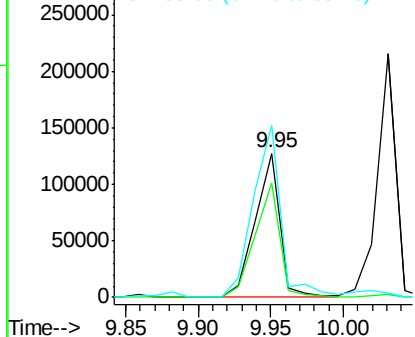
BNA_F

ClientSampleId :

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

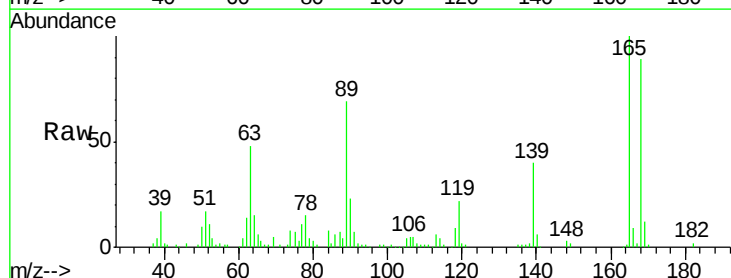
RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

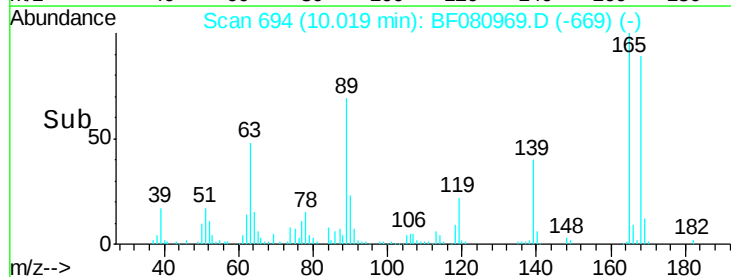
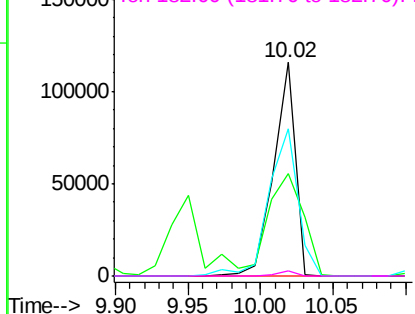
Lab File: BF080969.D

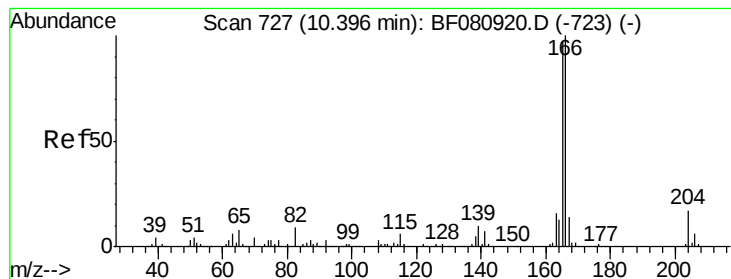
Acq: 11 Aug 2015 19:05

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 :

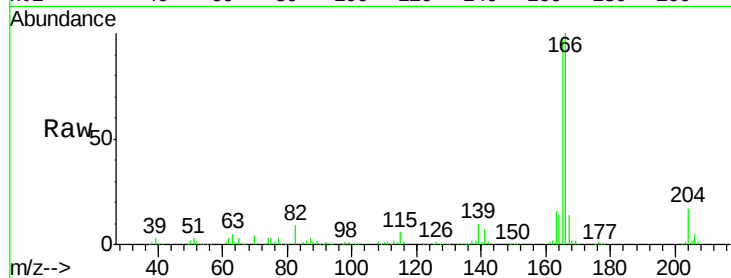
Tot Ion:166 Resp: 363874

Ion Ratio Lower Upper

166 100

165 96.8 77.2 115.8

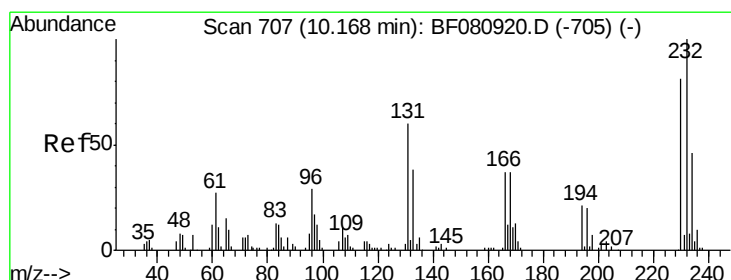
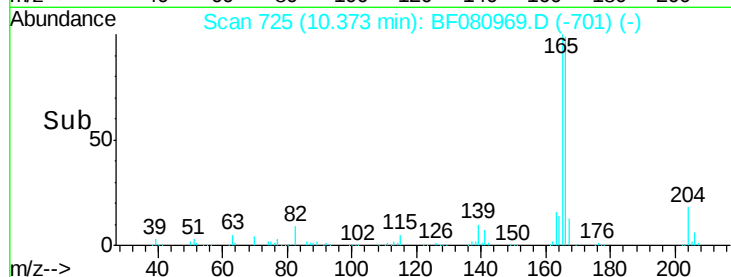
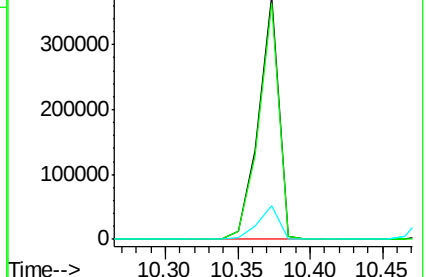
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 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

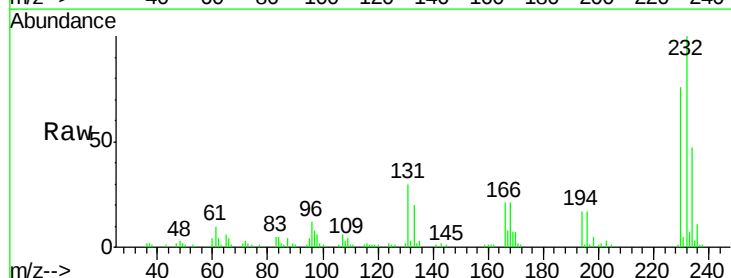
Ion Ratio Lower Upper

232 100

131 47.5 39.4 59.2

130 2.7 2.1 3.1

166 27.0 21.7 32.5

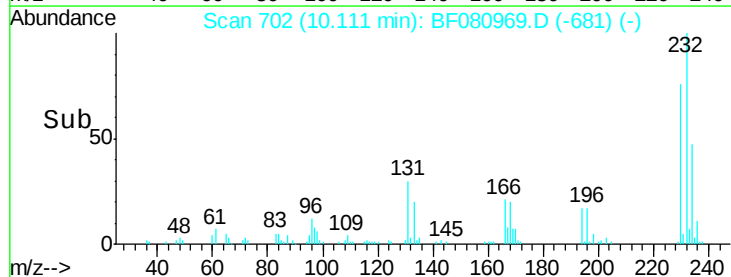
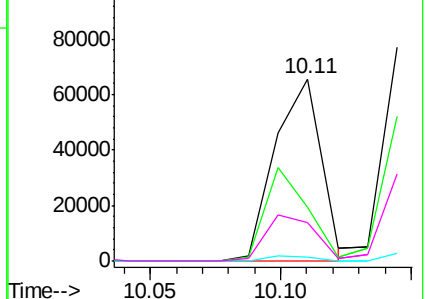


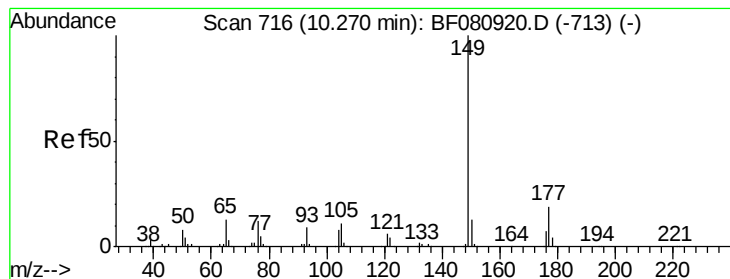
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 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

ClientSampled :

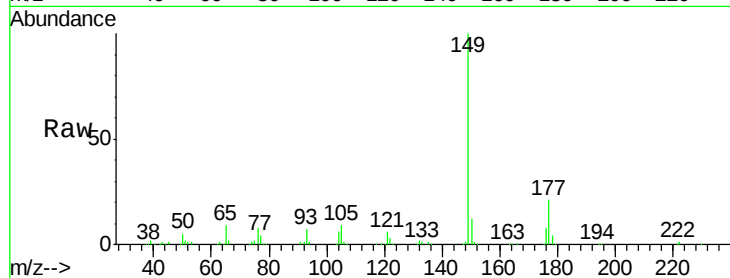
Tot Ion:149 Resp: 397735

Ion Ratio Lower Upper

149 100

177 21.0 15.0 22.4

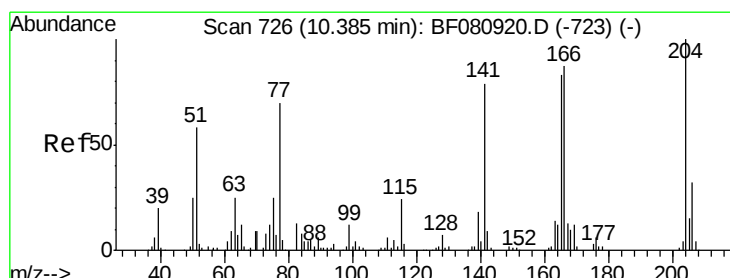
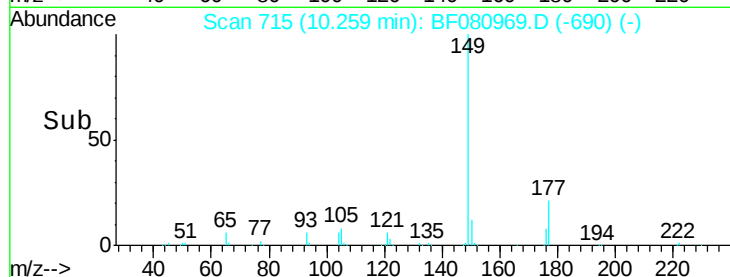
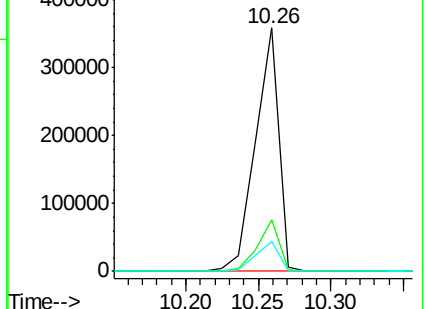
150 12.4 10.4 15.6



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

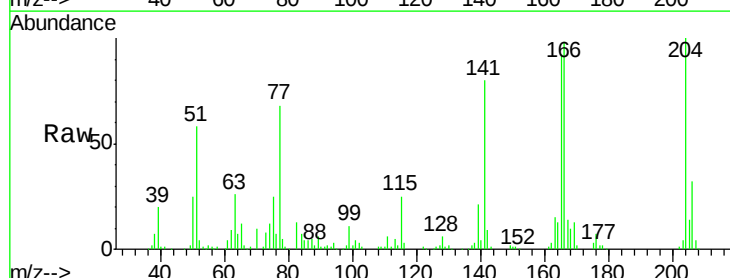
Tgt Ion:204 Resp: 146713

Ion Ratio Lower Upper

204 100

206 32.2 25.5 38.3

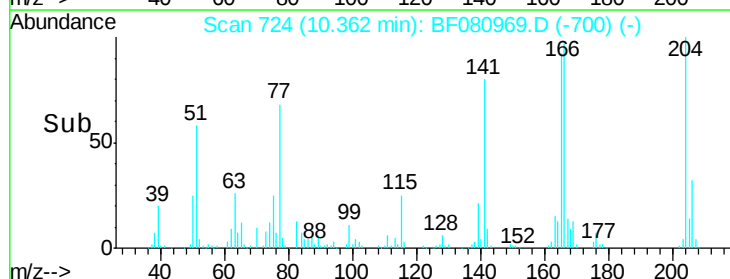
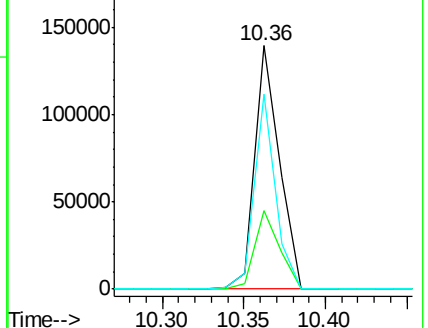
141 79.9 63.4 95.0

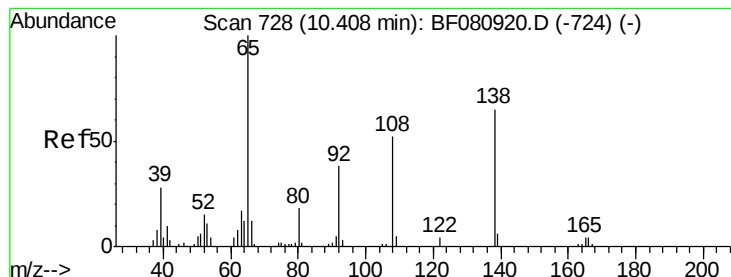


Abundance Ion 204.00 (203.70 to 204.70): E

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

ClientSampled :

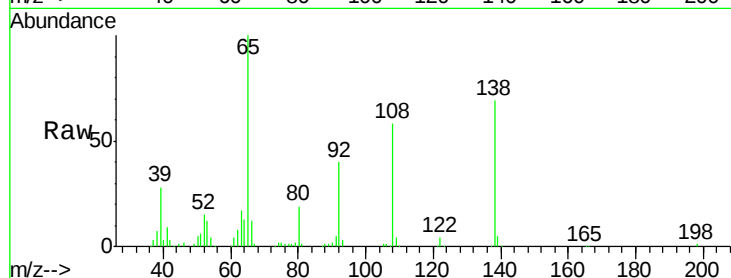
Tot Ion:138 Resp: 86607

Ion Ratio Lower Upper

138 100

92 58.3 38.1 78.1

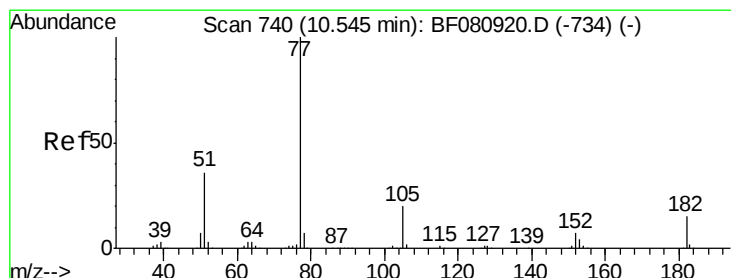
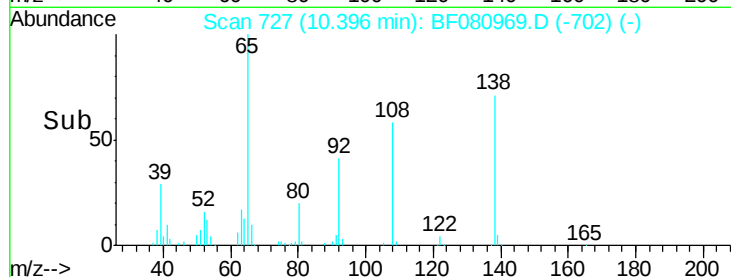
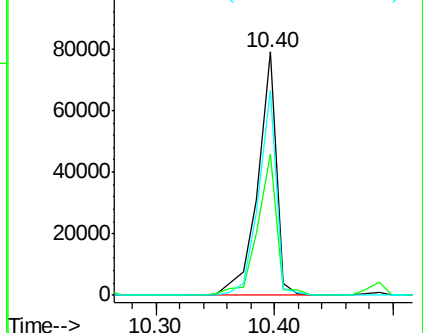
108 84.3 59.9 99.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.27 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

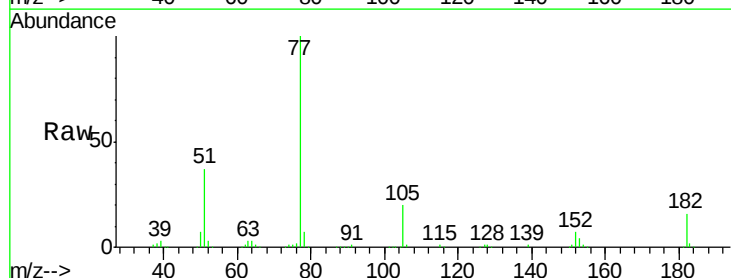
Ion Ratio Lower Upper

77 100

182 15.6 0.0 35.5

105 20.2 0.5 40.5

51 36.5 15.6 55.6

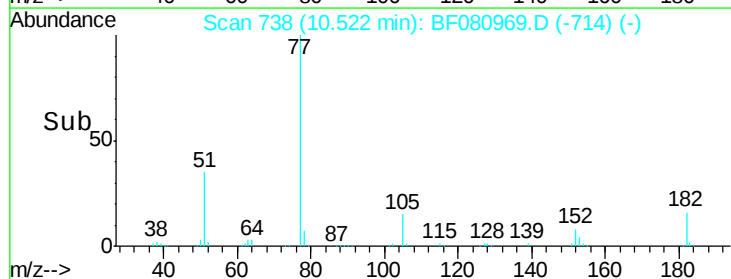
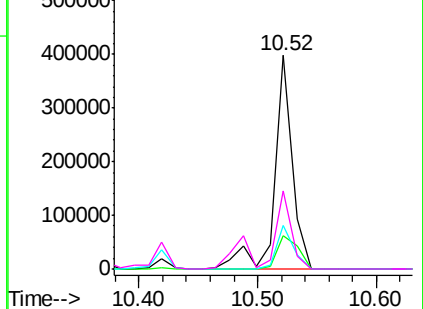


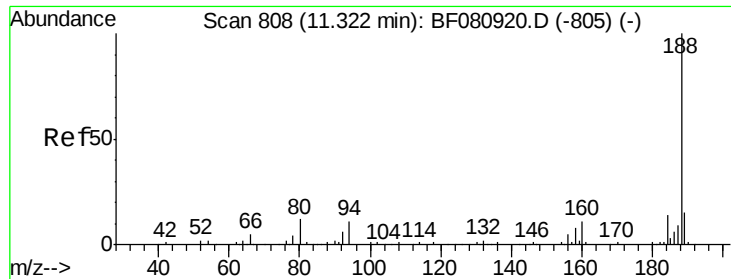
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

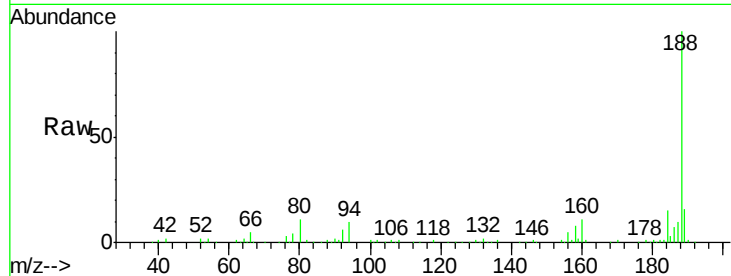




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

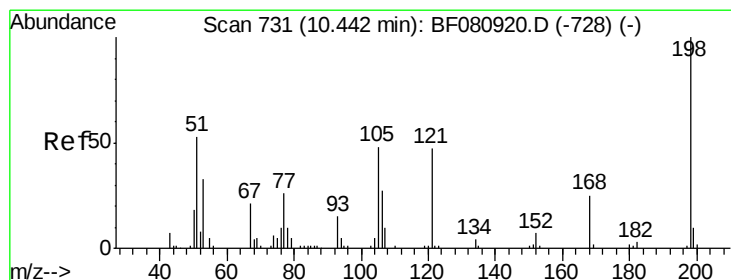
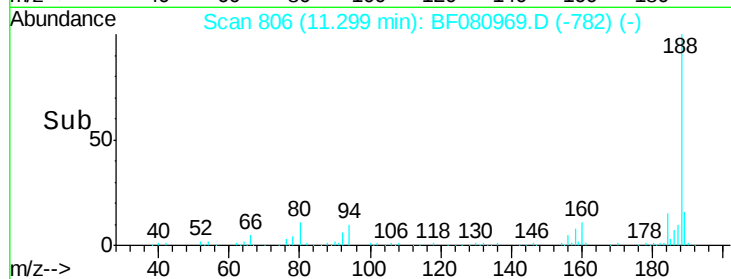
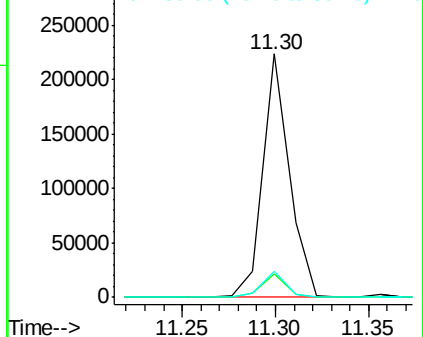
Tot Ion	188	Resp	218324
Ion Ratio	Lower	Upper	
188	100		
94	9.8	8.8	13.2
80	10.8	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E

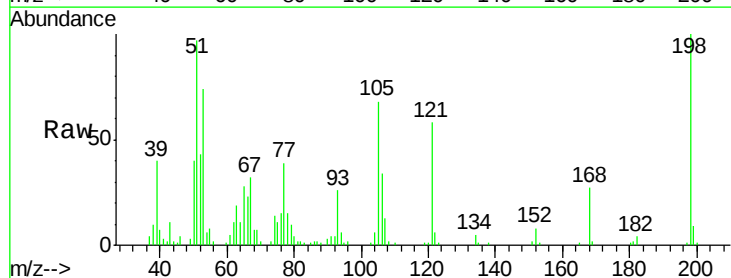
Ion 94.00 (93.70 to 94.70): BF0

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

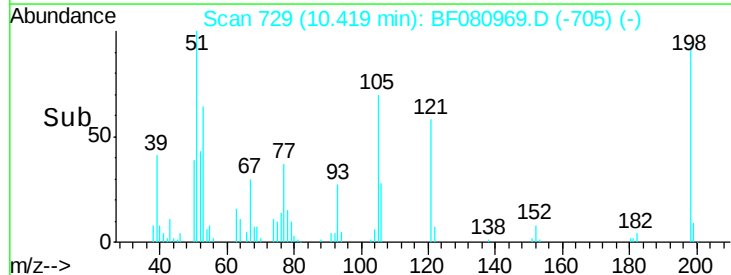
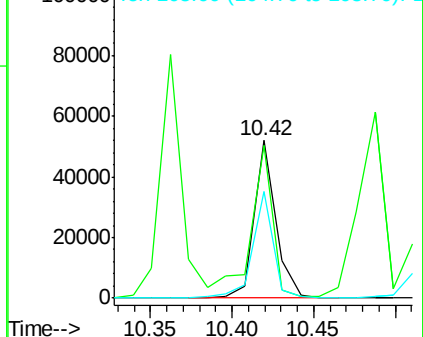
Tgt Ion	198	Resp	47672
Ion Ratio	Lower	Upper	
198	100		
51	97.1	40.3	80.3#
105	67.9	29.6	69.6

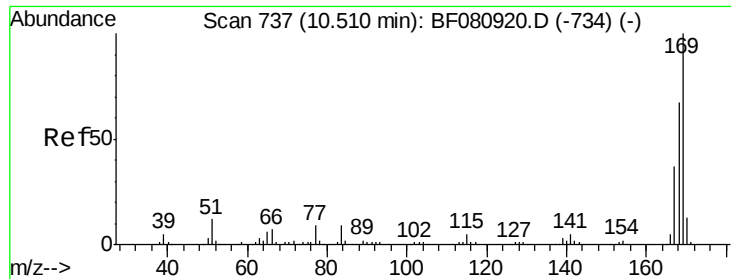


Abundance Ion 198.00 (197.70 to 198.70): E

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

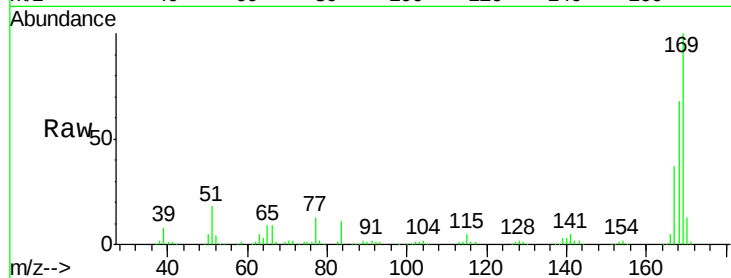
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 309007

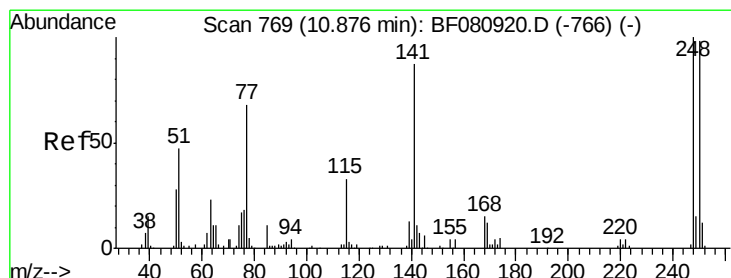
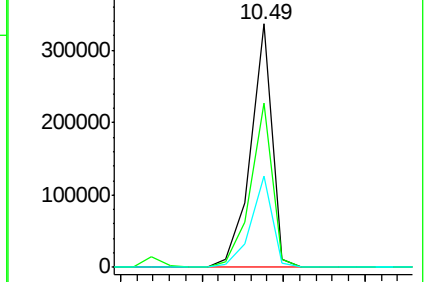
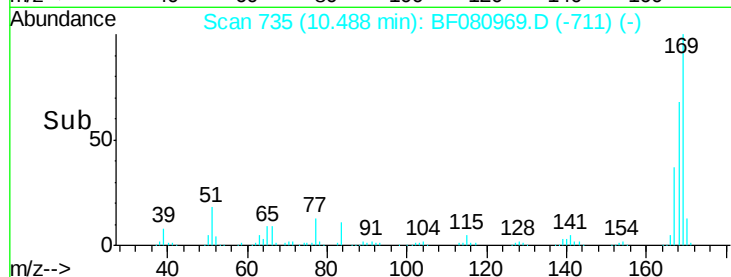
Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.7	80.5
167	37.3	29.3	43.9



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

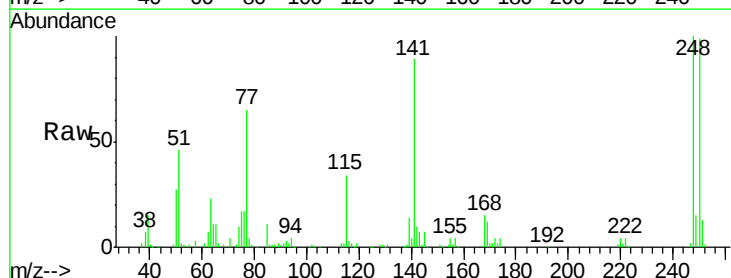
Delta R.T. -0.02 min

Lab File: BF080969.D

Acq: 11 Aug 2015 19:05

Tgt Ion:248 Resp: 93698

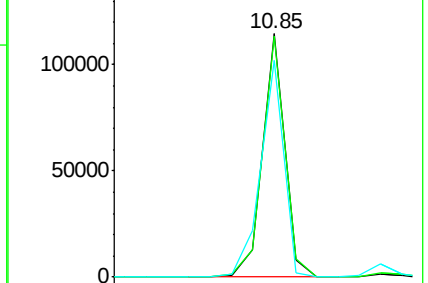
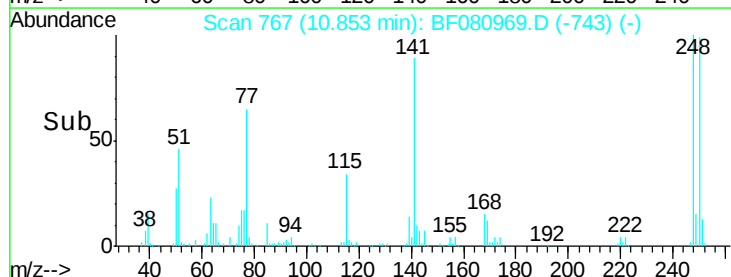
Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.1	117.1
141	89.0	69.6	104.4

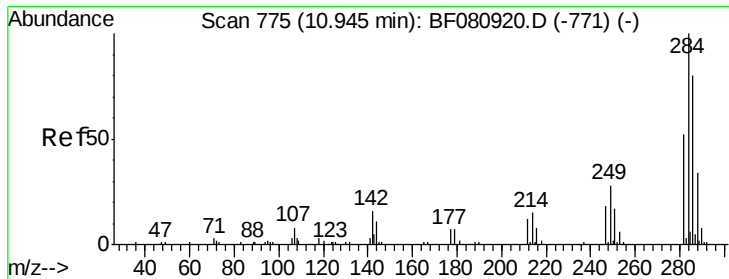


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

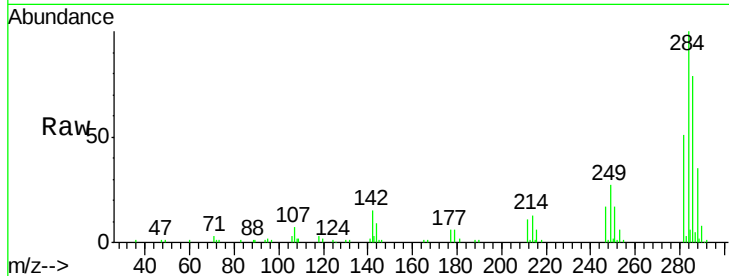




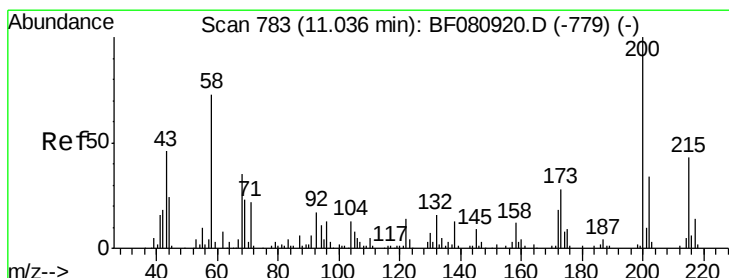
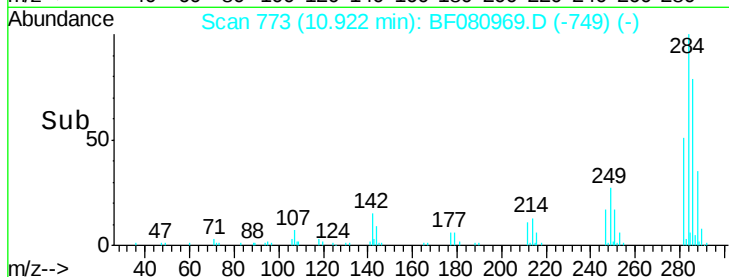
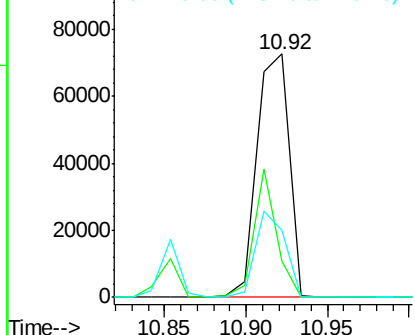
#67
Hexachlorobenzene
Concen: 38.79 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

Instrument :
BNA_F
ClientSampled :

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

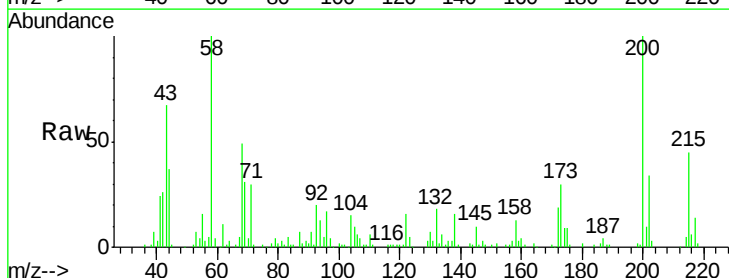


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

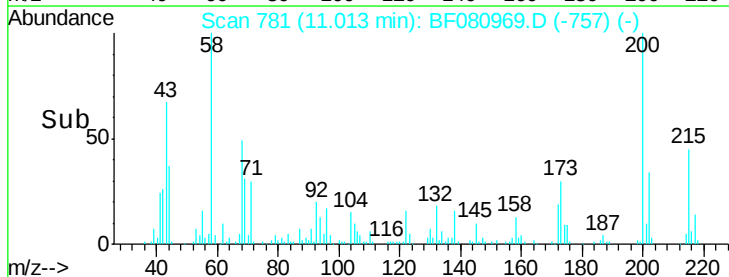
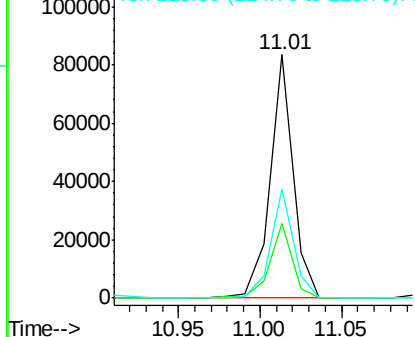


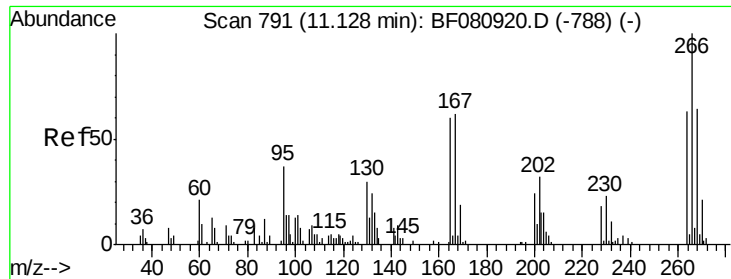
#68
Atrazine
Concen: 36.91 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

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

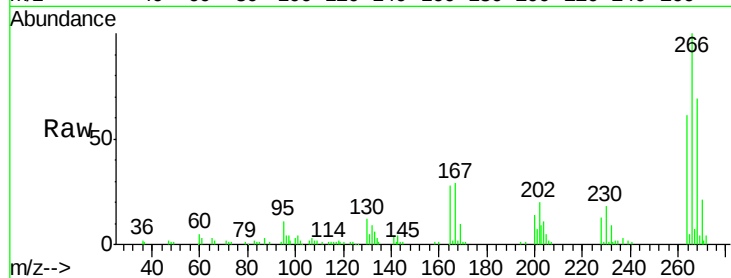




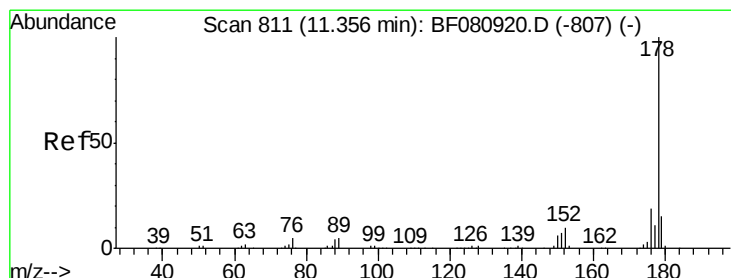
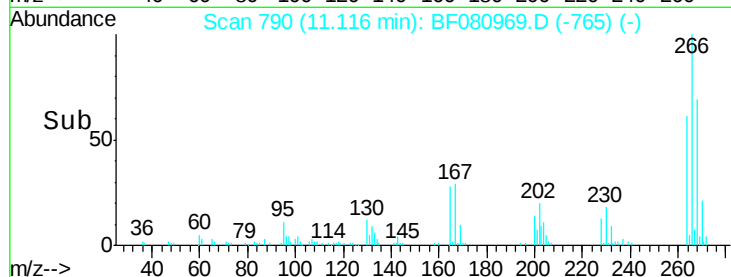
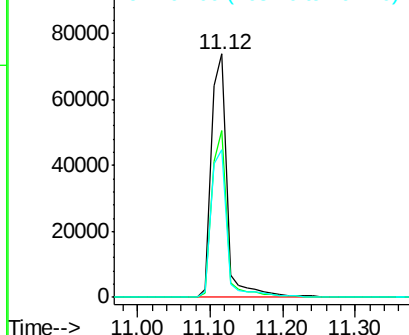
#69
 Pentachlorophenol
 Concen: 74.44 ng
 RT: 11.12 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 111279
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.6 77.4
 264 60.8 50.1 75.1

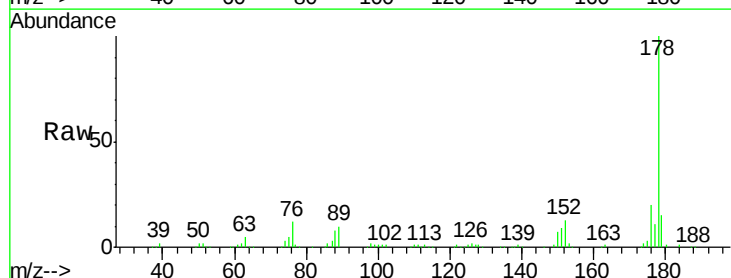


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

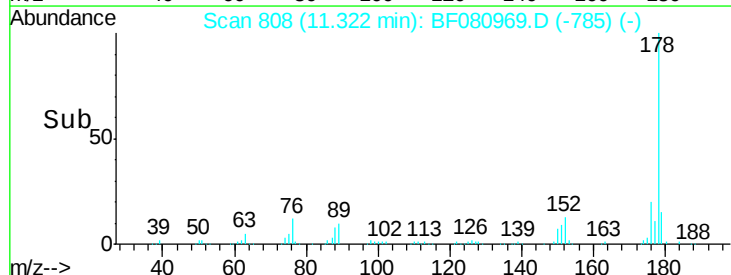
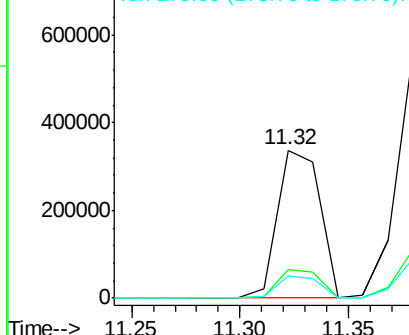


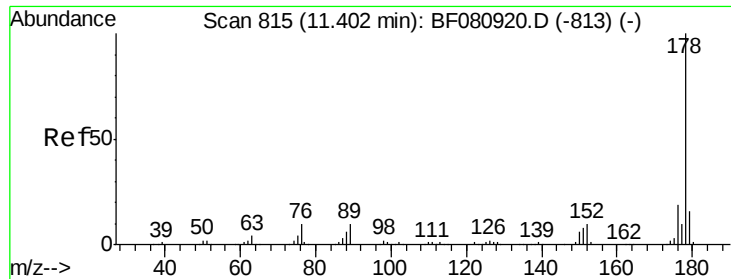
#70
 Phenanthrene
 Concen: 37.48 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Tgt Ion:178 Resp: 463411
 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

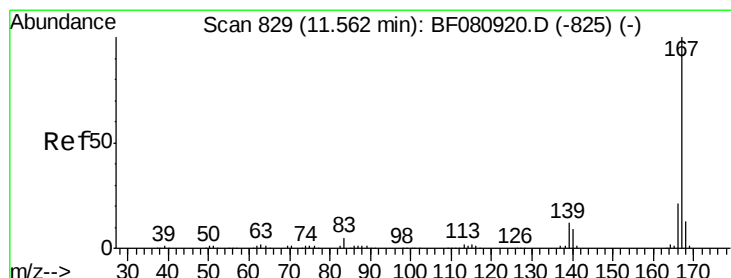
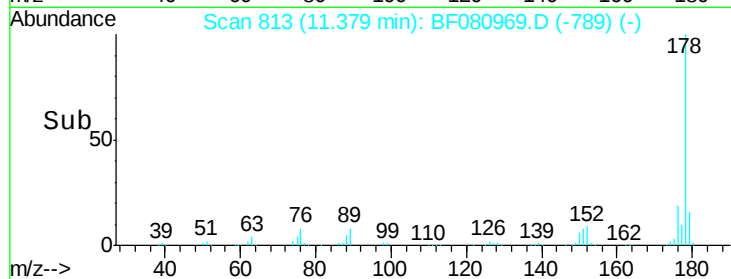
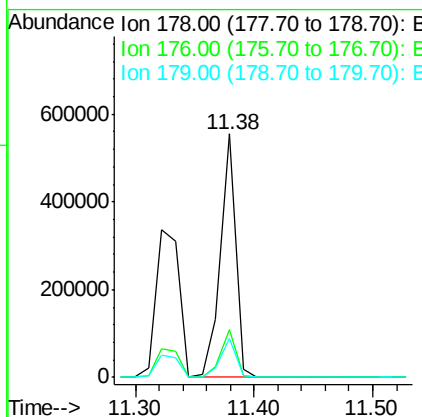
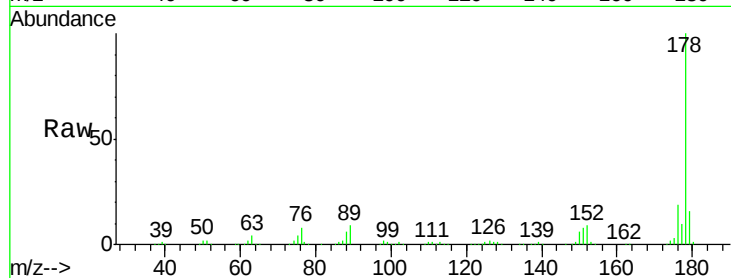




#71
 Anthracene
 Concen: 40.16 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

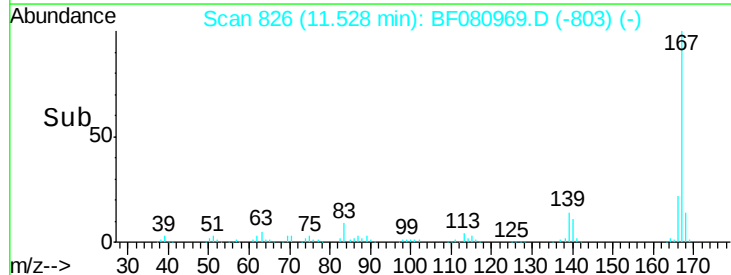
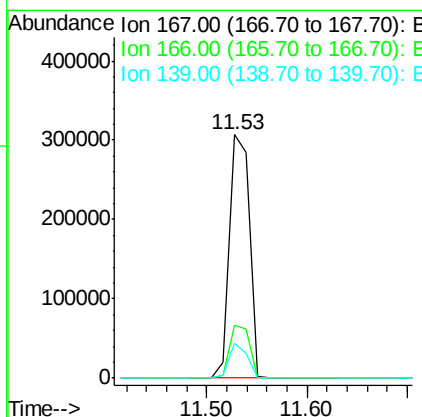
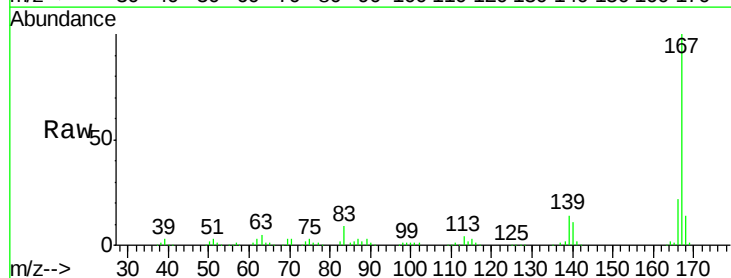
Instrument :
 BNA_F
 ClientSampleId :

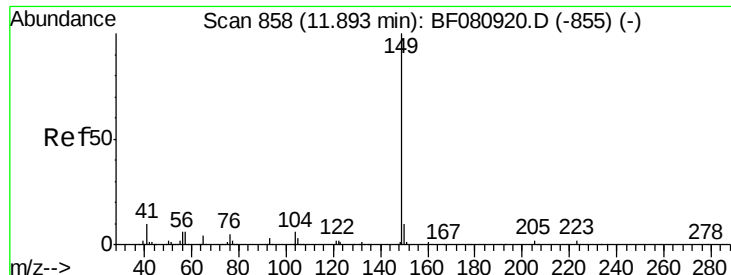
Tot Ion:178 Resp: 491492
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.5 23.3
 179 15.9 12.6 18.8



#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#





#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

ClientSampled :

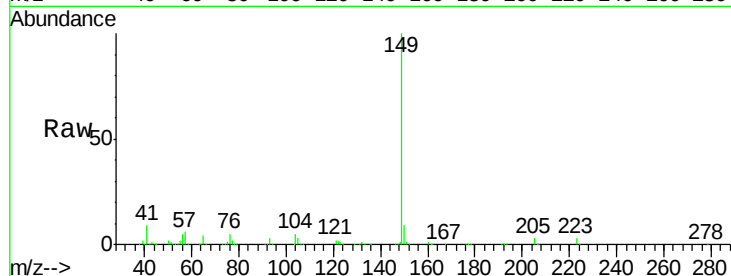
Tot Ion:149 Resp: 596353

Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

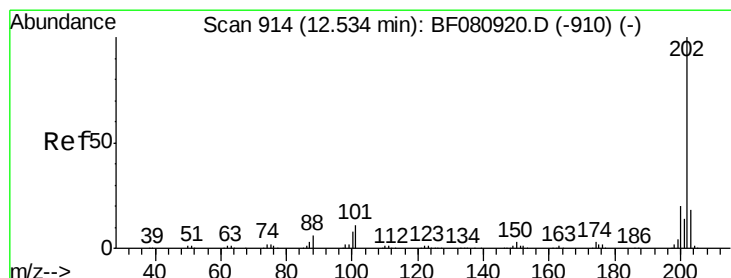
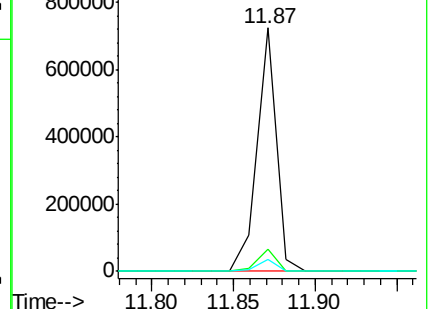
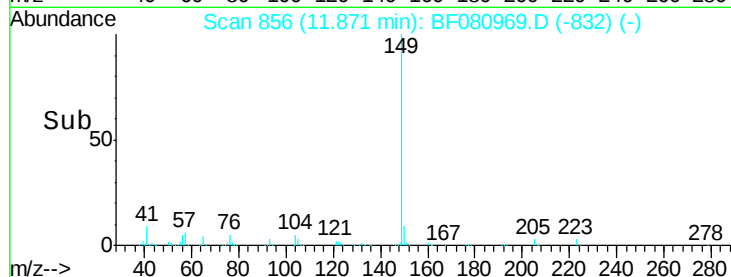
104 5.2 4.4 6.6



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

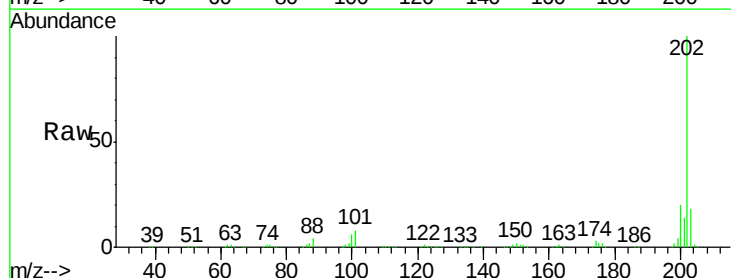
Tgt Ion:202 Resp: 612379

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.5

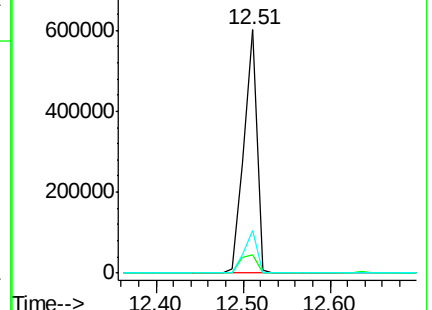
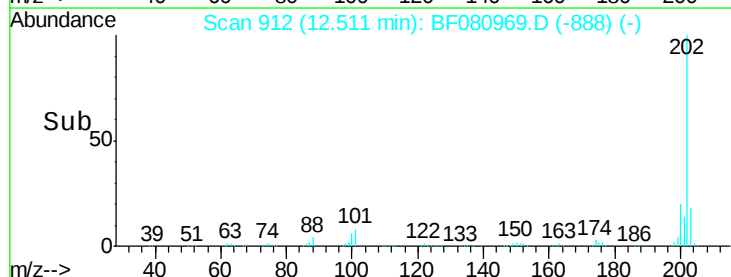
203 17.7 0.0 37.7

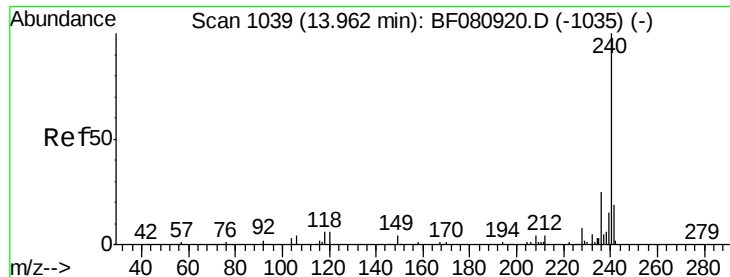


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

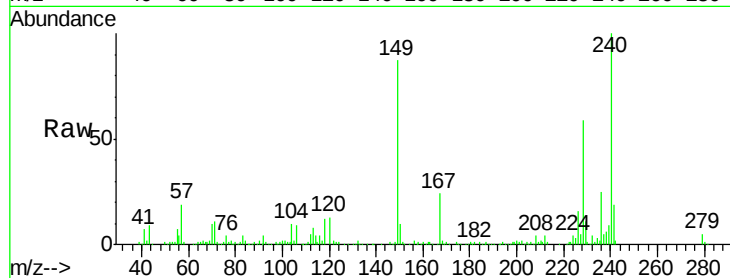
Tot Ion:240 Resp: 180221

Ion Ratio Lower Upper

240 100

120 12.7 5.2 7.8#

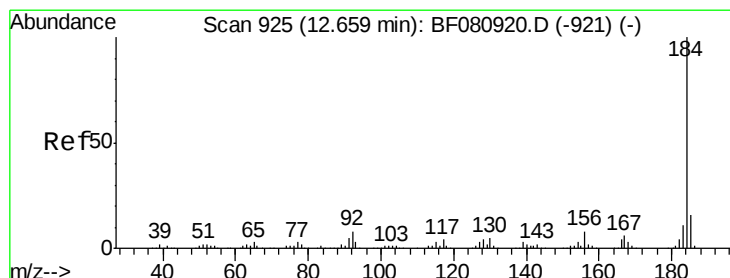
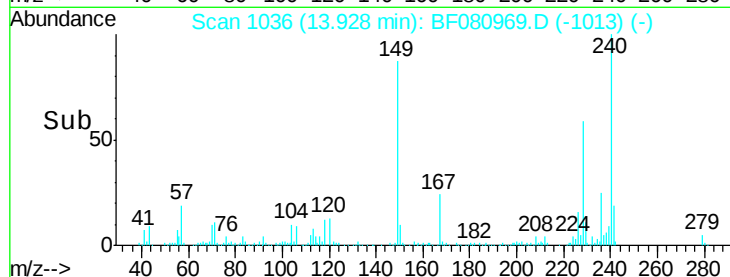
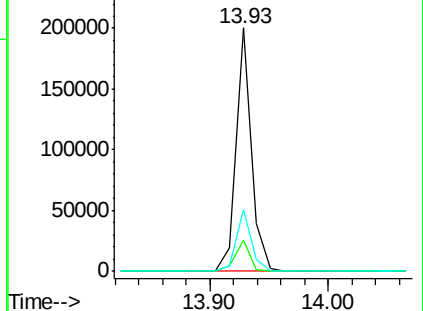
236 25.2 20.2 30.4



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

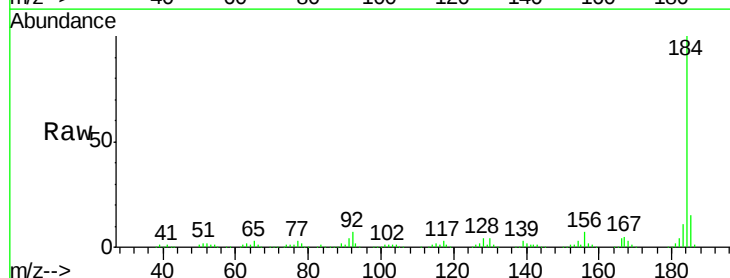
Tgt Ion:184 Resp: 403148

Ion Ratio Lower Upper

184 100

185 14.6 13.0 19.4

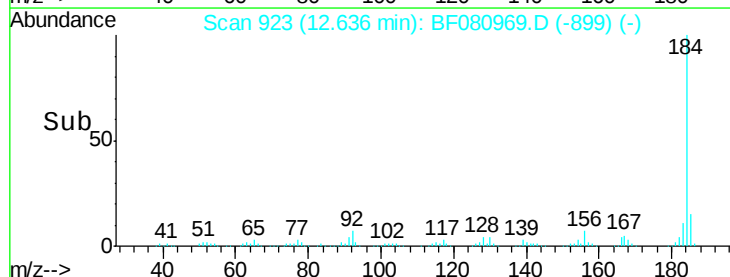
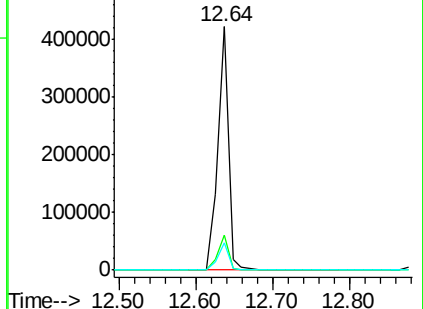
183 11.1 8.7 13.1

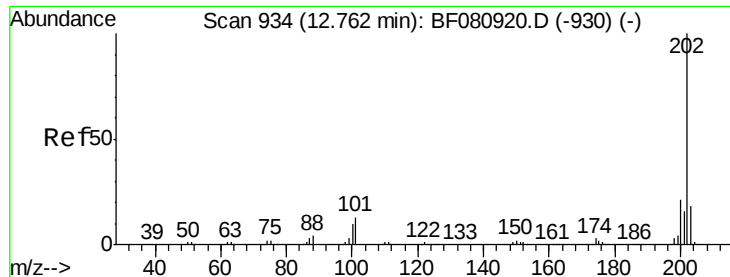


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

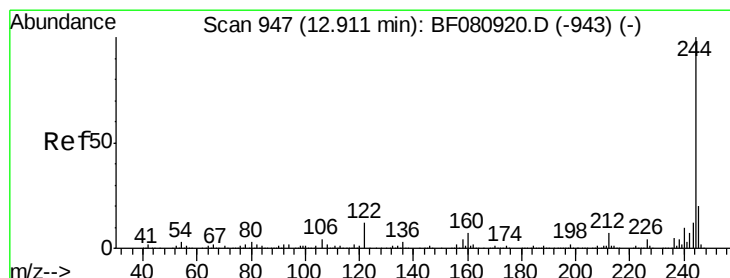
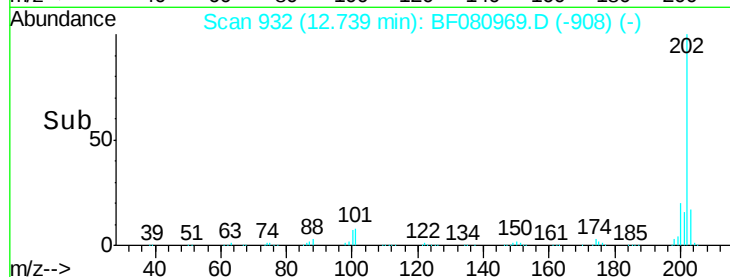
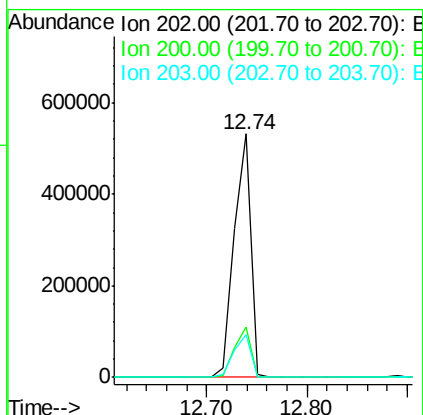
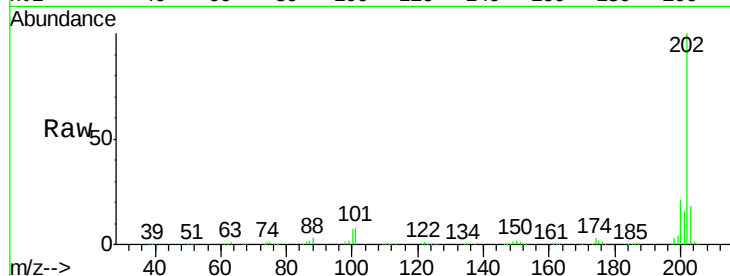




#77
Pvrene
Concen: 45.70 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.02 min
Lab File: BF080969.D
Acq: 11 Aug 2015 19:05

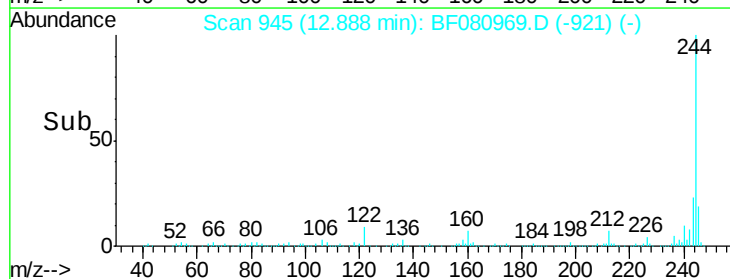
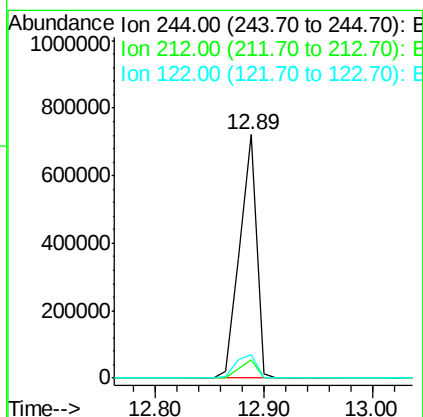
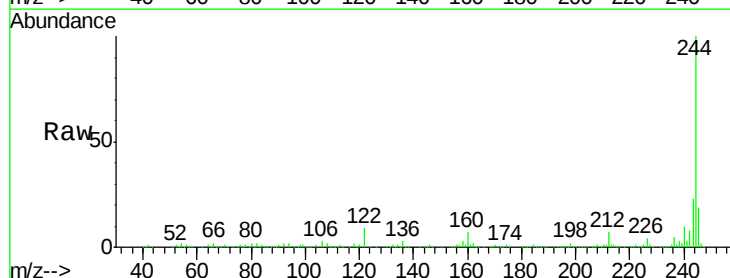
Instrument :
BNA_F
ClientSampleId :

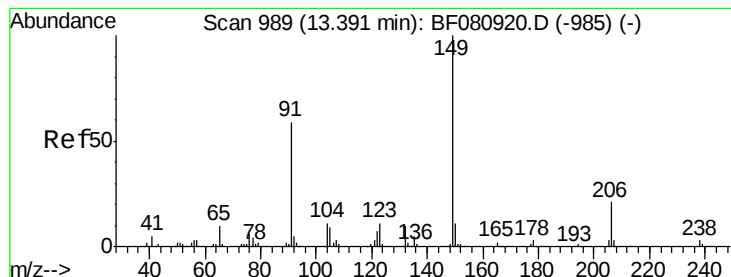
Tot Ion:202 Resp: 608428
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.7 14.2 21.2



#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:244 Resp: 763253
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 :

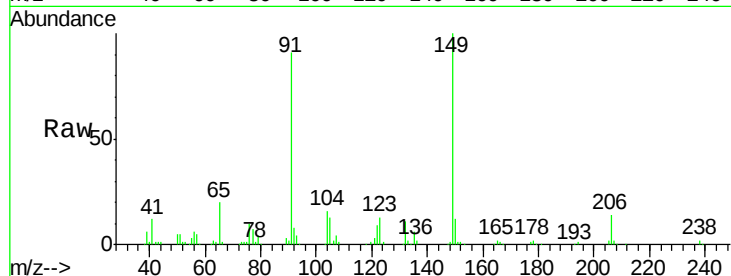
Tot Ion:149 Resp: 245284

Ion Ratio Lower Upper

149 100

91 91.2 47.2 70.8#

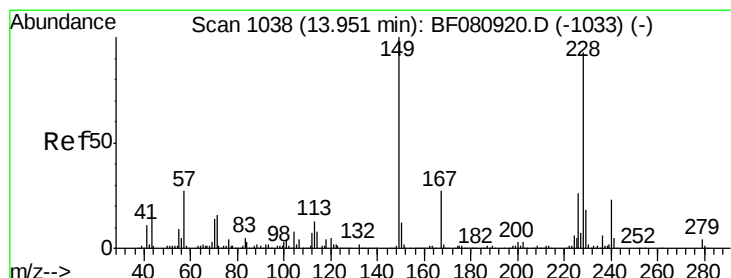
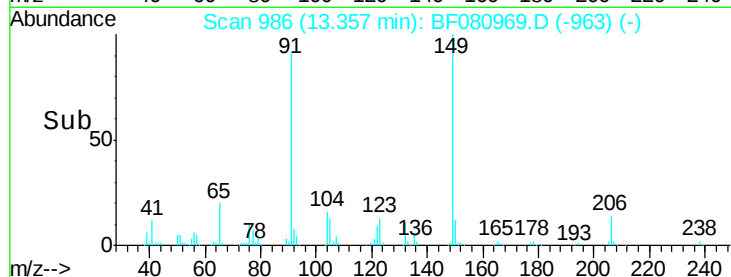
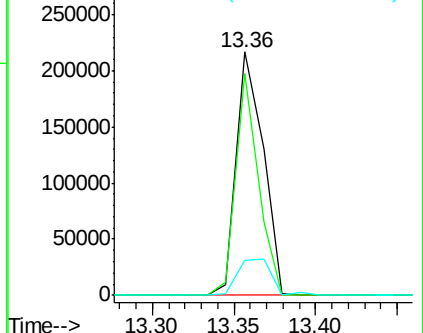
206 14.4 16.5 24.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 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

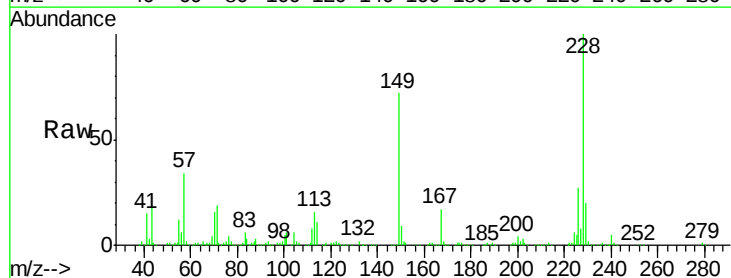
Tgt Ion:228 Resp: 442505

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

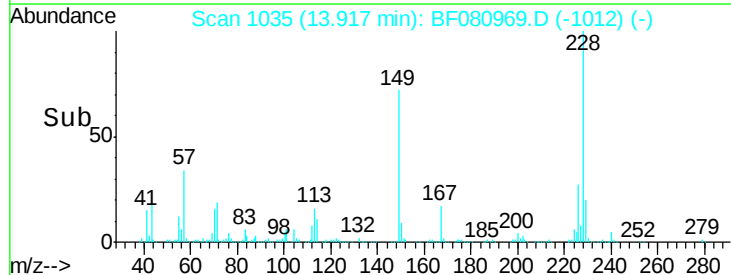
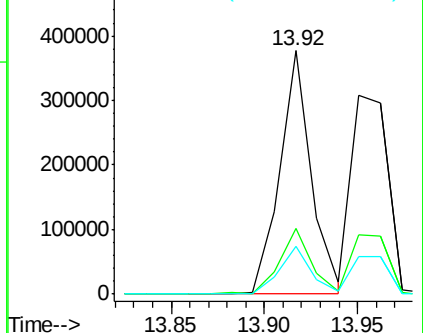
229 19.6 15.8 23.6

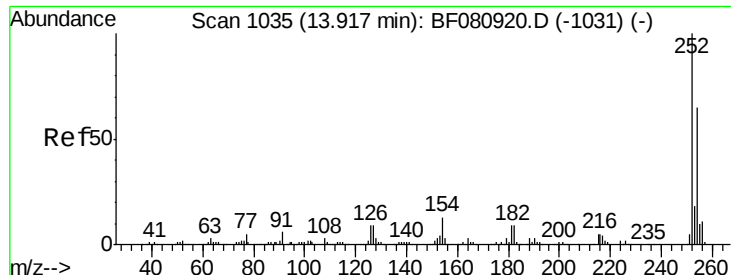


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

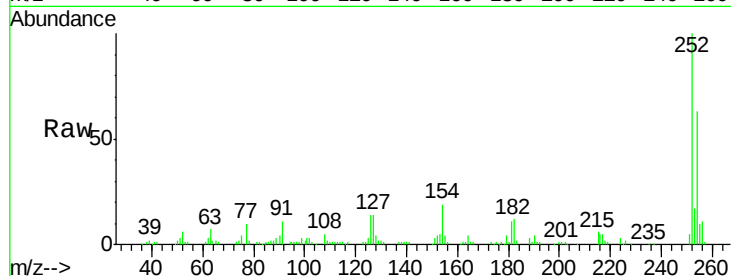




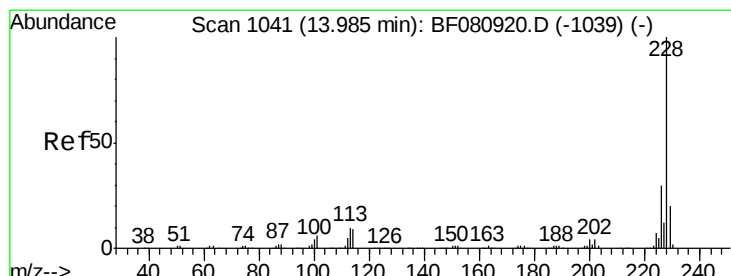
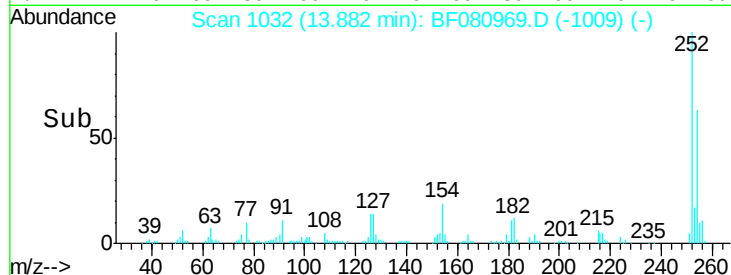
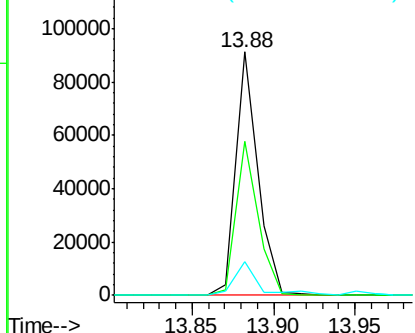
#81
 3,3'-Dichlorobenzidine
 Concen: 20.37 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

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#

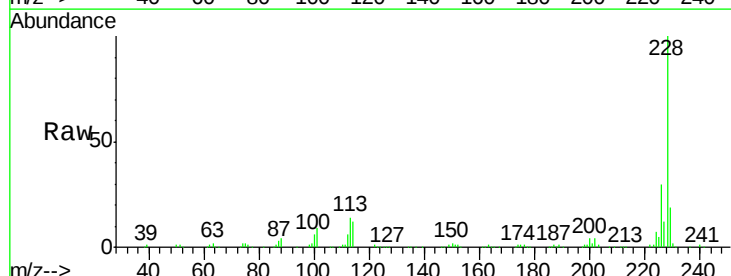


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

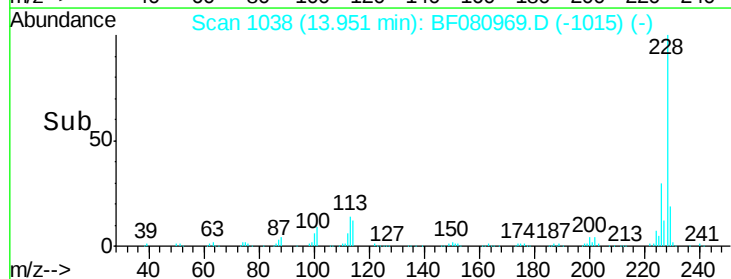
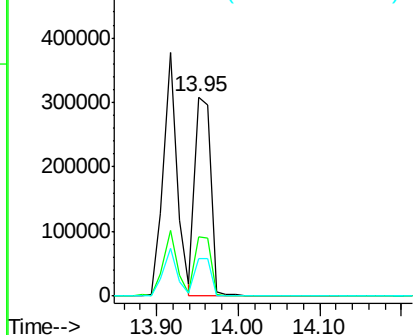


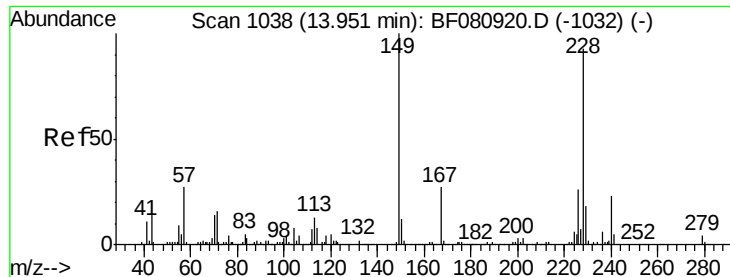
#82
 Chrysene
 Concen: 39.04 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

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

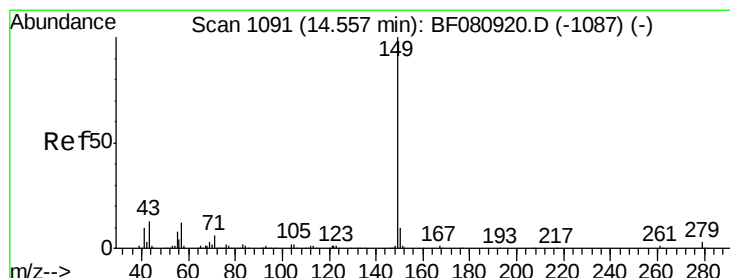
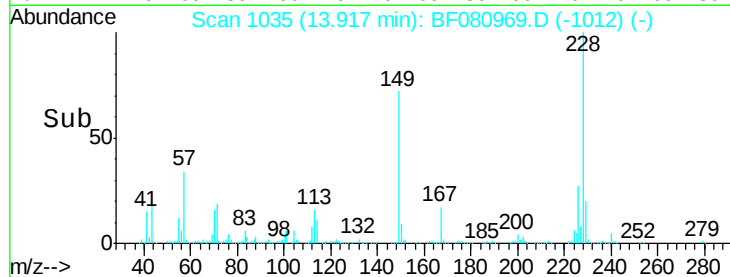
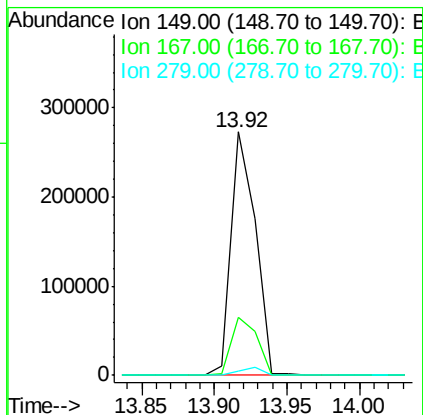
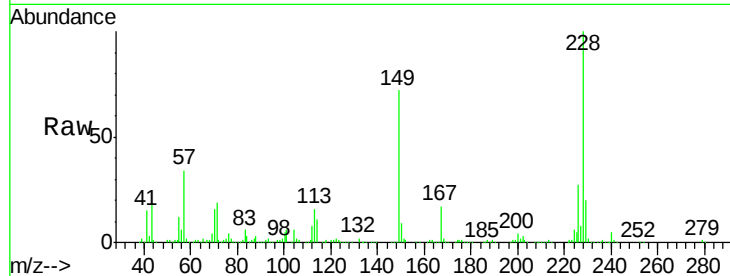




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.65 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

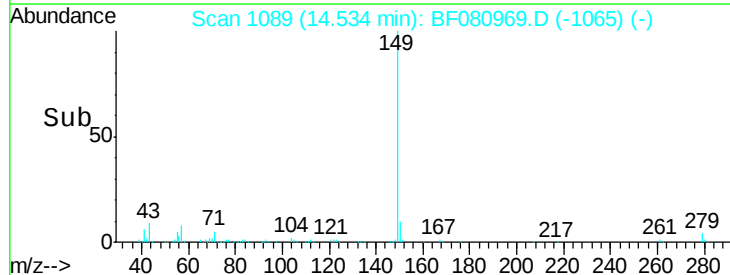
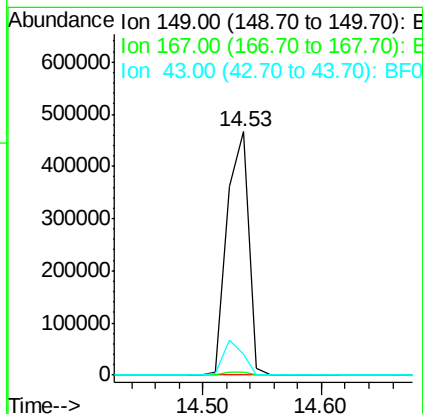
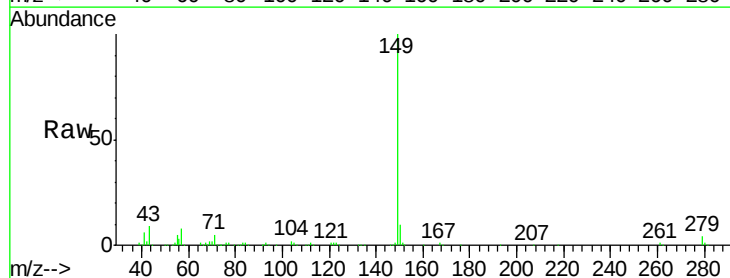
Instrument :
 BNA_F
 ClientSampleId :

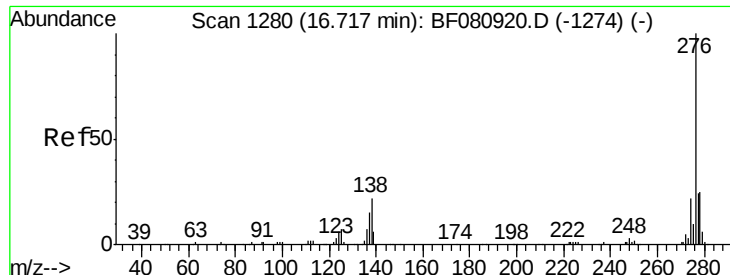
Tot Ion:149 Resp: 318366
 Ion Ratio Lower Upper
 149 100
 167 23.6 21.4 32.0
 279 1.8 2.9 4.3#



#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

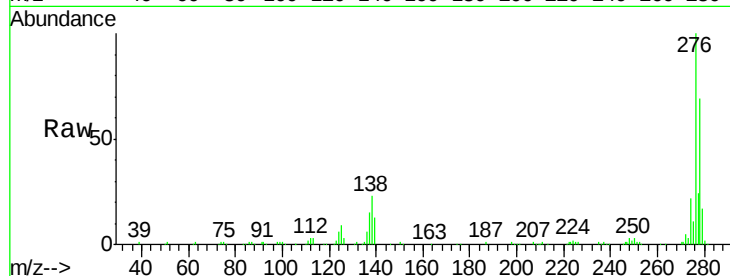




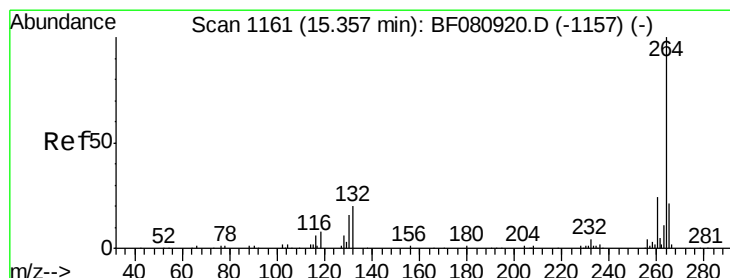
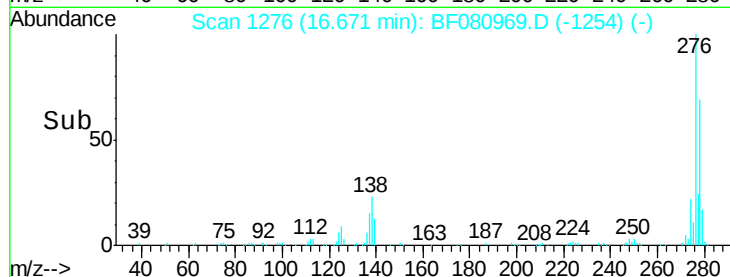
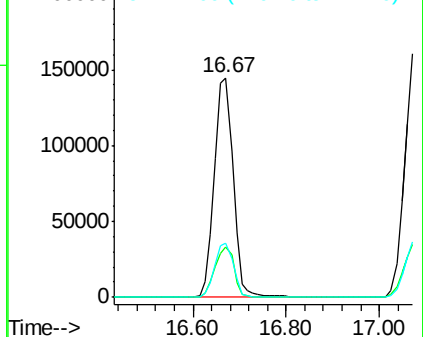
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 16.67 min Scan# 1276
 Delta R.T. -0.05 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

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

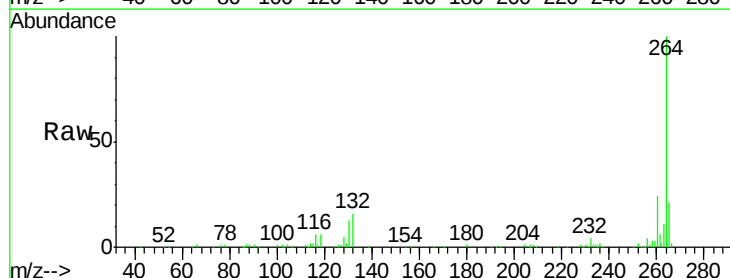


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

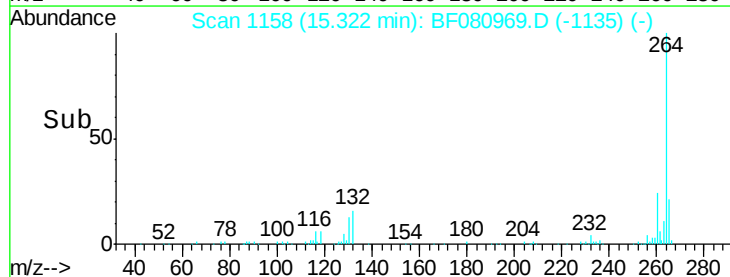
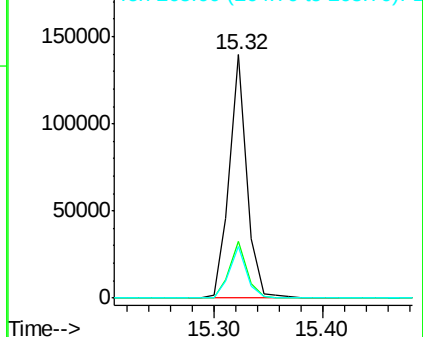


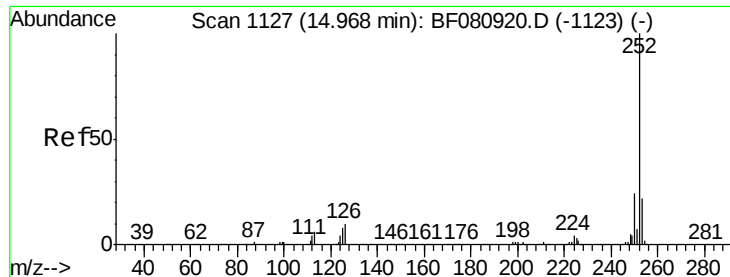
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

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



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





#87

Benzo(b)fluoranthene

Concen: 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 :

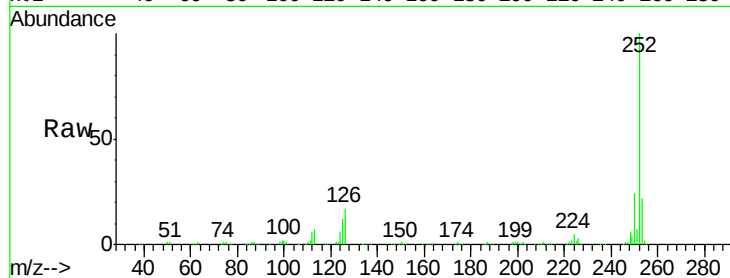
Tot Ion:252 Resp: 810993

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

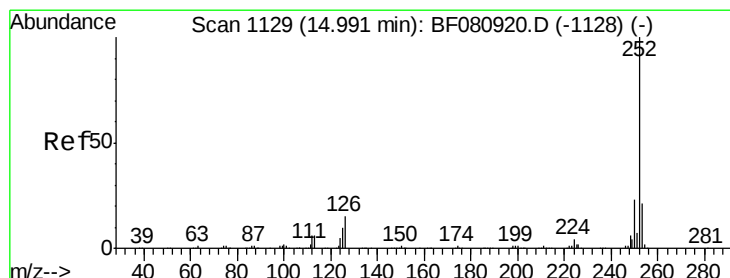
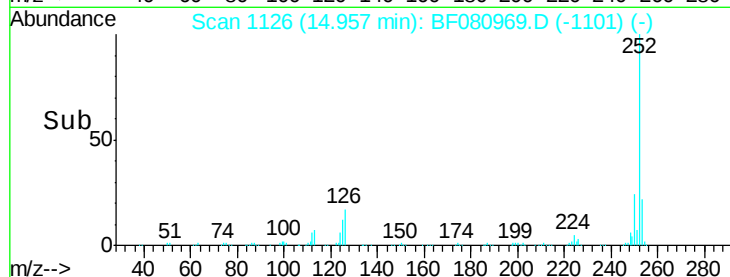
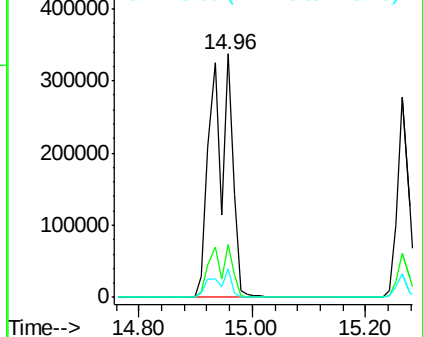
125 11.7 6.1 9.1#



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

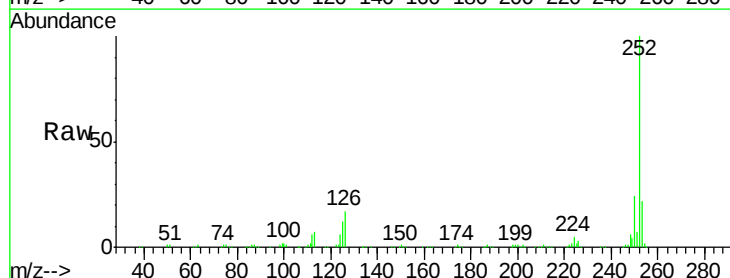
Tgt Ion:252 Resp: 810993

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

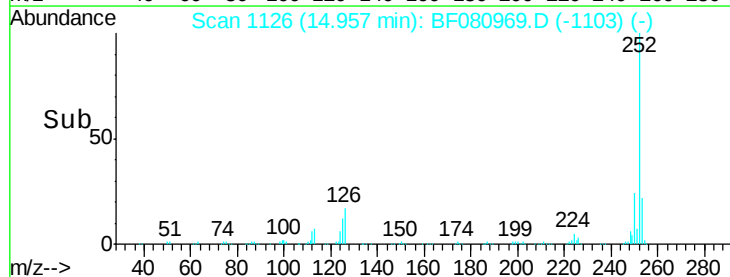
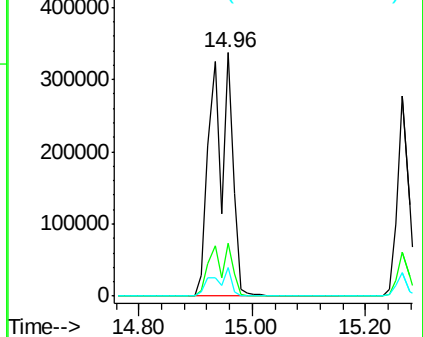
125 11.7 9.0 13.6

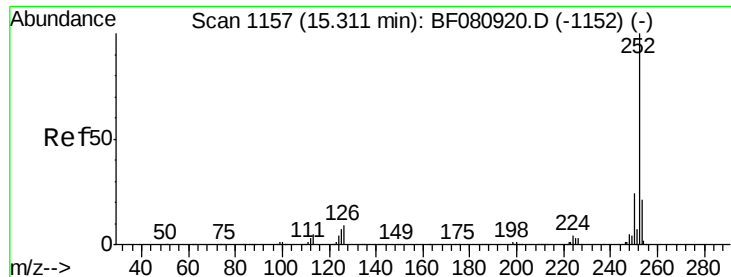


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

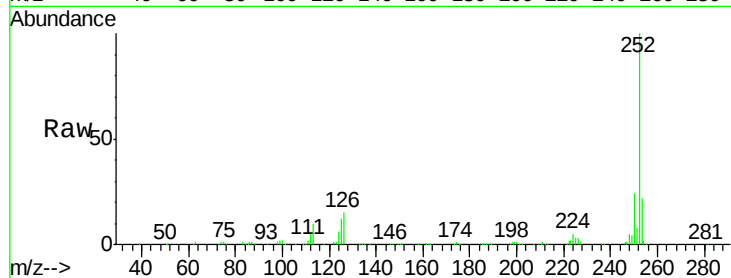
Tot Ion:252 Resp: 369194

Ion Ratio Lower Upper

252 100

253 22.0 16.9 25.3

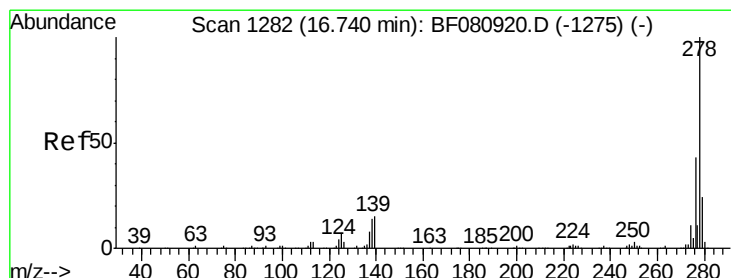
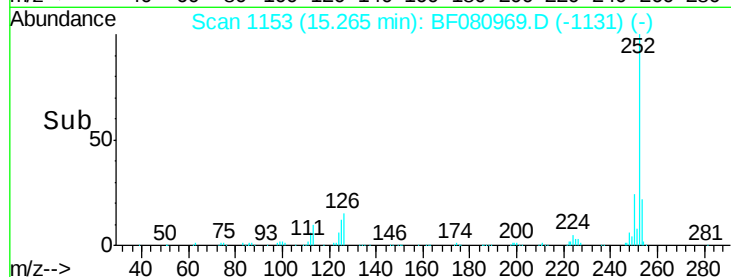
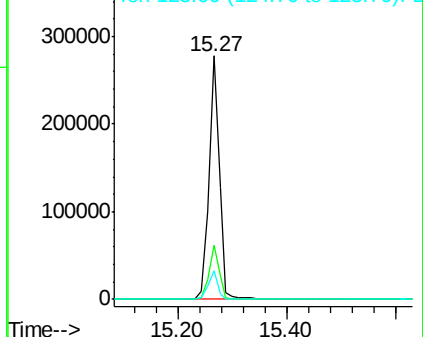
125 11.7 5.8 8.8#



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

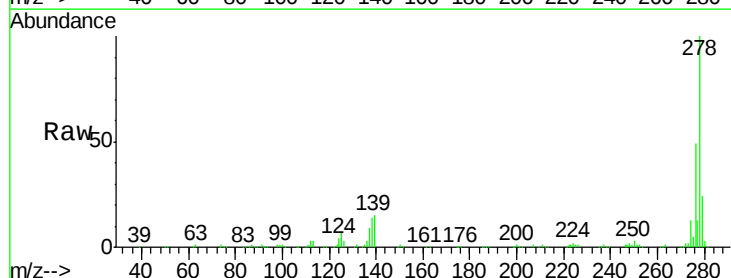
Tgt Ion:278 Resp: 337884

Ion Ratio Lower Upper

278 100

139 15.0 11.9 17.9

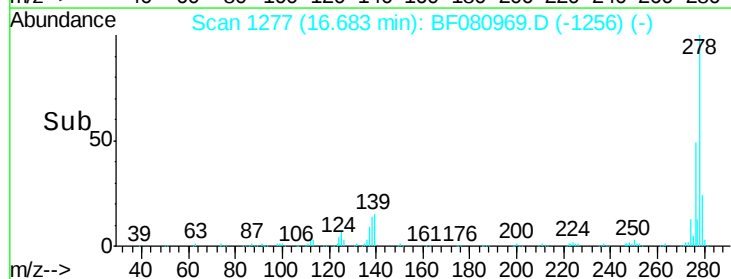
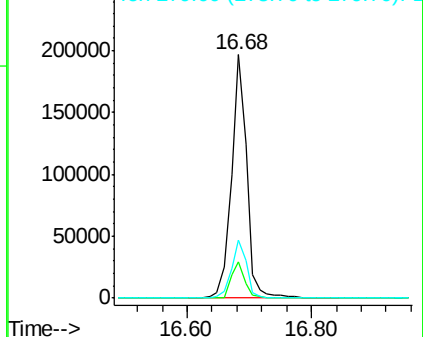
279 23.7 19.0 28.6

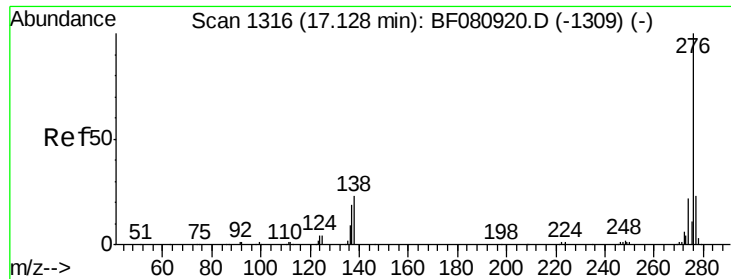


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

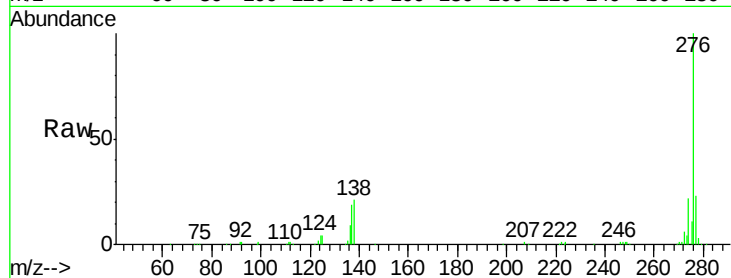




#91
 Benzo(a,h,i)perylene
 Concen: 44.13 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.06 min
 Lab File: BF080969.D
 Acq: 11 Aug 2015 19:05

Instrument :
 BNA_F
 ClientSampleId :

Tot 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

