

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062915\
 Data File : BF080229.D
 Acq On : 30 Jun 2015 4:10
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 30 12:22:22 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	47150	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	188520	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	93144	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	196222	20.00	ng	-0.05
75) Chrysene-d12	14.84	240	199327	20.00	ng	-0.16
86) Perylene-d12	16.70	264	206338	20.00	ng	-0.23

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.91	112	221453	83.14	ng	-0.02
7) Phenol-d6	6.90	99	298551	84.23	ng	-0.02
23) Nitrobenzene-d5	7.85	82	273791	84.55	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	76480	83.97	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	482634	73.89	ng	-0.03
78) Terphenyl-d14	13.56	244	656287	76.90	ng	-0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.13	88	44268	34.97	ng	# 82
3) Pyridine	3.96	79	150830	44.80	ng	# 81
4) n-Nitrosodimethylamine	3.88	42	56197	35.12	ng	92
6) Aniline	6.95	93	207717	42.60	ng	92
8) 2-Chlorophenol	7.08	128	120876	39.27	ng	84
9) Benzaldehyde	6.84	77	73663	36.00	ng	# 69
10) Phenol	6.92	94	165289	42.73	ng	77
11) bis(2-Chloroethyl)ether	7.02	93	113666	37.04	ng	89
12) 1,3-Dichlorobenzene	7.48	146	132955	35.95	ng	98
13) 1,4-Dichlorobenzene	7.32	146	157656	44.83	ng	97
14) 1,2-Dichlorobenzene	7.48	146	132938	38.84	ng	98
15) Benzyl Alcohol	7.42	79	108386	37.40	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.57	45	201246	44.18	ng	85
17) 2-Methylphenol	7.53	107	108554	41.28	ng	# 88
18) Hexachloroethane	7.82	117	49217	42.03	ng	# 80
19) n-Nitroso-di-n-propylamine	7.69	70	100229	40.73	ng	# 77
20) 3+4-Methylphenols	7.68	107	141361	41.65	ng	90
22) Acetophenone	7.69	105	164184	37.37	ng	# 78
24) Nitrobenzene	7.88	77	142506	42.64	ng	# 75
25) Isophorone	8.12	82	239853	36.80	ng	# 98
26) 2-Nitrophenol	8.20	139	69012	49.33	ng	# 74
27) 2,4-Dimethylphenol	8.22	122	123291	42.26	ng	# 83
28) bis(2-Chloroethoxy)methane	8.31	93	139646	36.47	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	114110	45.68	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	125722	44.31	ng	99
31) Naphthalene	8.61	128	379351	38.49	ng	98
32) Benzoic acid	8.29	122	66543	37.73	ng	# 69
33) 4-Chloroaniline	8.65	127	148175	35.13	ng	99
34) Hexachlorobutadiene	8.73	225	70736	40.49	ng	97
35) Caprolactam	9.00	113	33781	41.66	ng	97
36) 4-Chloro-3-methylphenol	9.12	107	112438	39.90	ng	89
37) 2-Methylnaphthalene	9.30	142	268364	42.09	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	123889	45.71	ng	98
40) Hexachlorocyclopentadiene	9.46	237	35535	29.74	ng	96

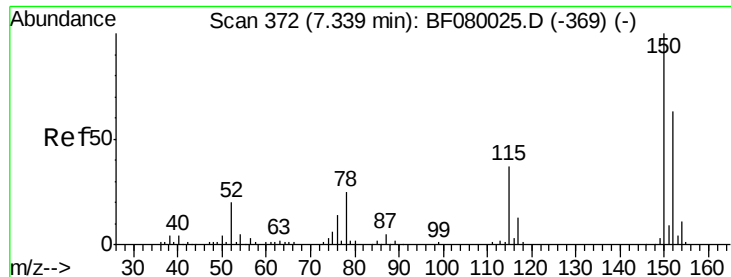
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	84747	45.95	ng	99
43) 2,4,5-Trichlorophenol	9.62	196	83526	39.31	ng #	91
45) 1,1'-Biphenyl	9.76	154	288269	38.04	ng	93
46) 2-Chloronaphthalene	9.80	162	248164	40.36	ng	94
47) 2-Nitroaniline	9.89	65	68896	40.82	ng	94
48) Acenaphthylene	10.22	152	424691	41.38	ng	97
49) Dimethylphthalate	10.06	163	291150	41.58	ng #	98
50) 2,6-Dinitrotoluene	10.13	165	56175	40.01	ng #	87
51) Acenaphthene	10.39	154	241531	38.47	ng	89
52) 3-Nitroaniline	10.30	138	69728	43.05	ng #	93
53) 2,4-Dinitrophenol	10.40	184	21965	41.47	ng #	1
54) Dibenzofuran	10.56	168	344524	38.67	ng #	88
55) 4-Nitrophenol	10.45	139	48008	37.08	ng #	81
56) 2,4-Dinitrotoluene	10.53	165	79462	44.61	ng #	75
57) Fluorene	10.92	166	287452	40.66	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	69166	38.56	ng	95
59) Diethylphthalate	10.77	149	271091	38.45	ng	95
60) 4-Chlorophenyl-phenylether	10.89	204	130028	38.28	ng #	85
61) 4-Nitroaniline	10.90	138	66724	39.89	ng #	41
62) Azobenzene	11.05	77	274000	38.17	ng	86
64) 4,6-Dinitro-2-methylphenol	10.95	198	31926	35.91	ng #	60
65) n-Nitrosodiphenylamine	11.01	169	235168	36.80	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	84068	40.29	ng #	87
67) Hexachlorobenzene	11.48	284	88203	38.04	ng #	80
68) Atrazine	11.53	200	80333	39.79	ng	84
69) Pentachlorophenol	11.66	266	42341	32.22	ng	97
70) Phenanthrene	11.89	178	423669	35.66	ng	97
71) Anthracene	11.94	178	451792	39.50	ng	98
72) Carbazole	12.09	167	398916	36.53	ng	95
73) Di-n-butylphthalate	12.42	149	453626	35.95	ng #	99
74) Fluoranthene	13.16	202	473326	37.41	ng	87
76) Benzidine	13.27	184	250042	44.88	ng	98
77) Pyrene	13.41	202	484004	39.44	ng	96
79) Butylbenzylphthalate	14.11	149	193151	39.19	ng #	97
80) Benzo(a)anthracene	14.81	228	469011	38.62	ng	96
81) 3,3'-Dichlorobenzidine	14.76	252	163033	38.93	ng #	96
82) Chrysene	14.86	228	441217	39.40	ng	95
83) Bis(2-ethylhexyl)phthalate	14.79	149	271248	34.82	ng #	93
84) Di-n-octyl phthalate	15.60	149	464317	34.79	ng	96
85) Indeno(1,2,3-cd)pyrene	18.55	276	560284	39.68	ng #	89
87) Benzo(b)fluoranthene	16.17	252	481641	38.55	ng #	85
88) Benzo(k)fluoranthene	16.21	252	475972	37.41	ng #	87
89) Benzo(a)pyrene	16.63	252	463323	39.05	ng #	85
90) Dibenzo(a,h)anthracene	18.56	278	453378	37.34	ng #	84
91) Benzo(g,h,i)perylene	19.10	276	463232	37.78	ng #	78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

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SSTDCCC040EC

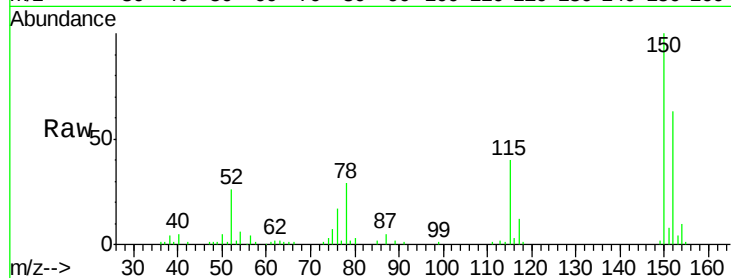
Tgt Ion:152 Resp: 47150

Ion Ratio Lower Upper

152 100

150 159.4 124.7 187.1

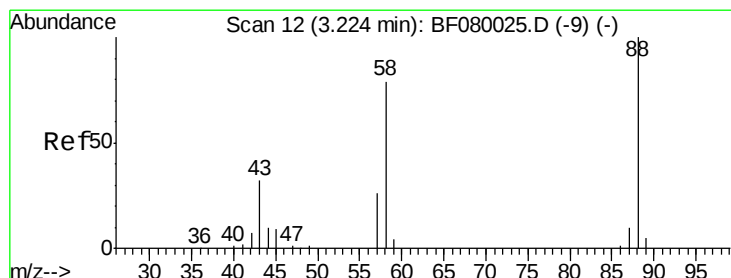
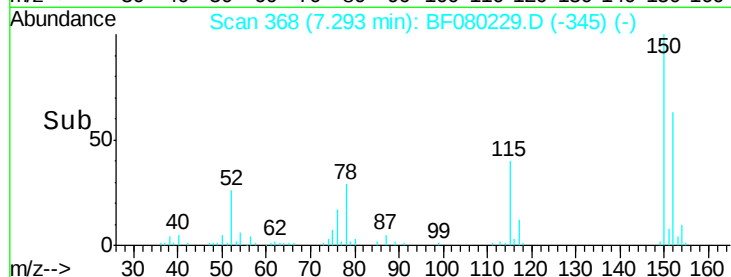
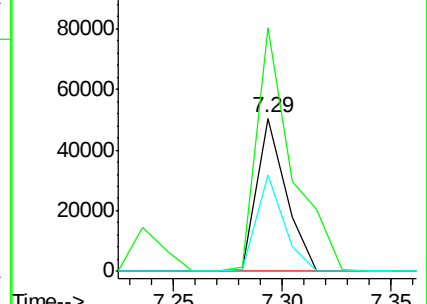
115 63.3 39.0 58.4#



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: 34.97 ng

RT: 3.13 min Scan# 4

Delta R.T. -0.06 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

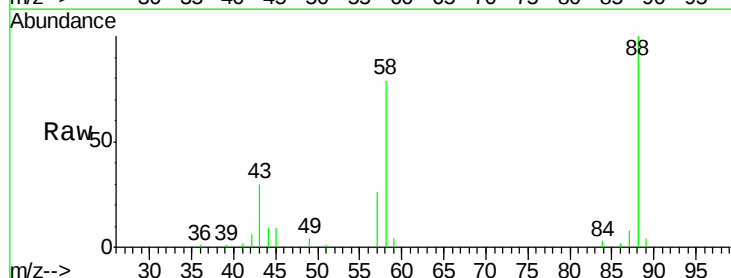
Tgt Ion: 88 Resp: 44268

Ion Ratio Lower Upper

88 100

58 76.6 77.7 116.5#

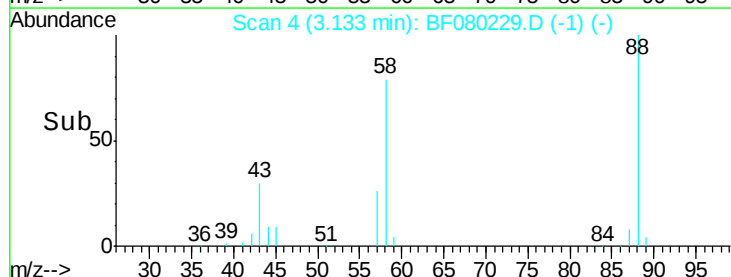
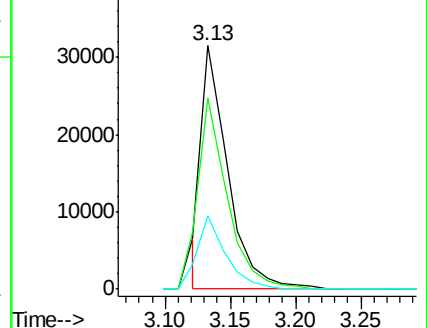
43 27.7 26.6 40.0

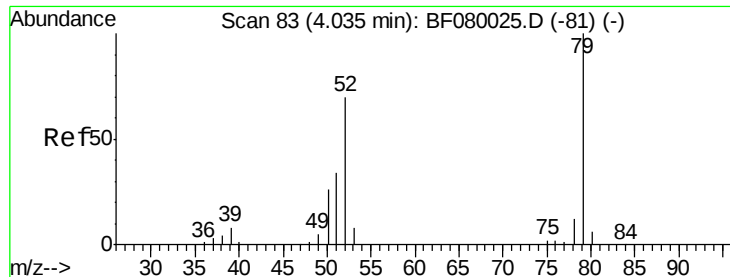


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.80 ng

RT: 3.96 min Scan# 76

Delta R.T. -0.05 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

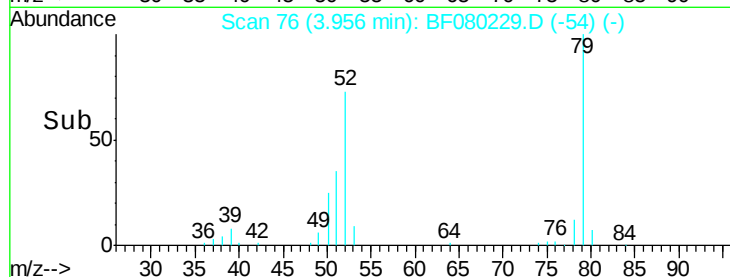
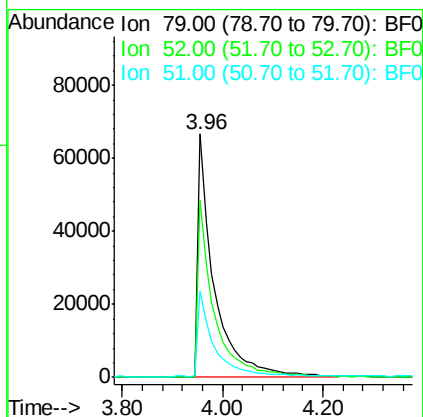
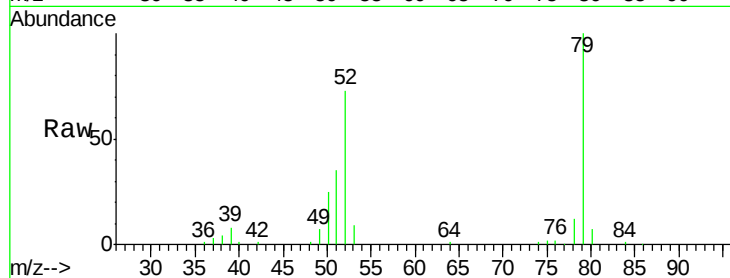
Tgt Ion: 79 Resp: 150830

Ion Ratio Lower Upper

79 100

52 72.7 76.8 115.2#

51 35.3 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.12 ng

RT: 3.88 min Scan# 69

Delta R.T. -0.05 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

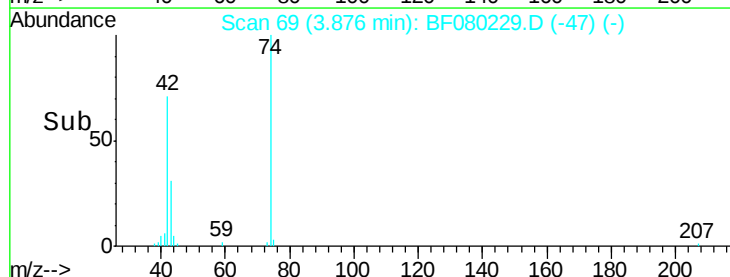
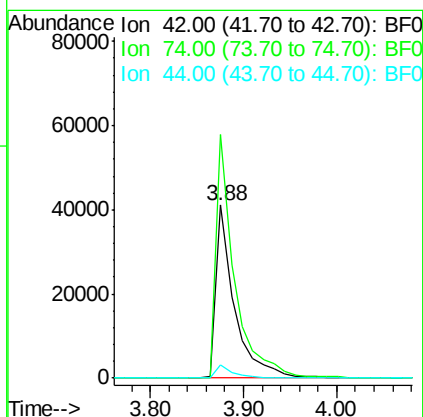
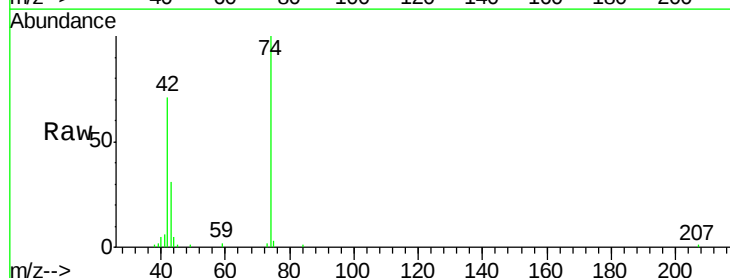
Tgt Ion: 42 Resp: 56197

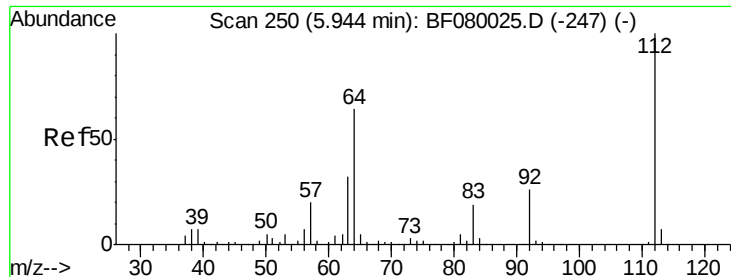
Ion Ratio Lower Upper

42 100

74 140.8 105.0 157.6

44 7.3 6.6 10.0





#5

2-Fluorophenol

Concen: 83.14 ng

RT: 5.91 min Scan# 247

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

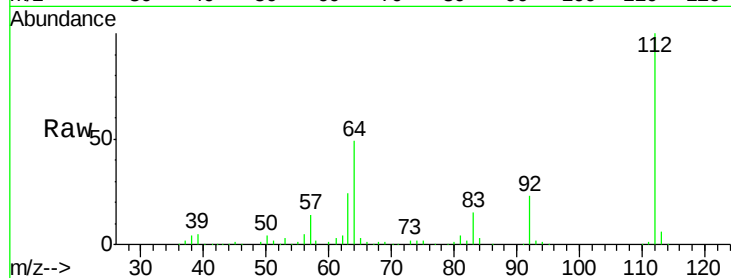
Tgt Ion: 112 Resp: 221453

Ion Ratio Lower Upper

112 100

64 49.3 39.7 59.5

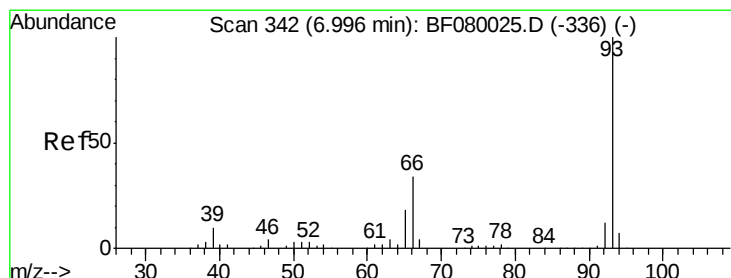
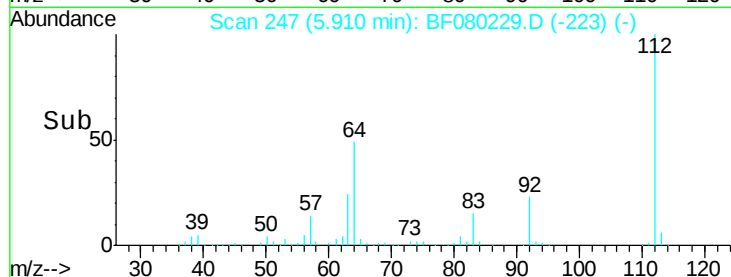
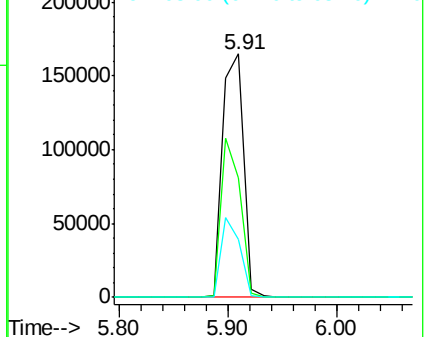
63 23.8 17.4 26.0



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: 42.60 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

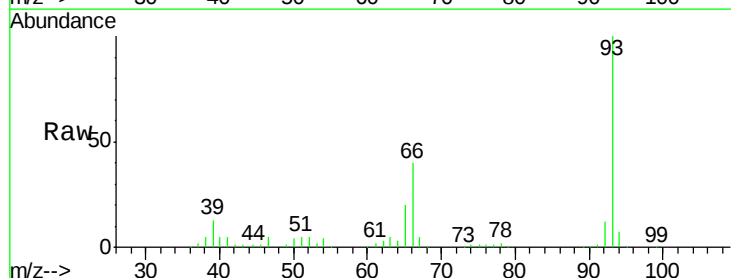
Tgt Ion: 93 Resp: 207717

Ion Ratio Lower Upper

93 100

66 39.8 27.2 40.8

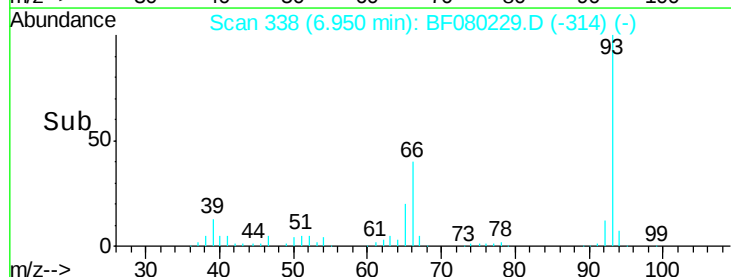
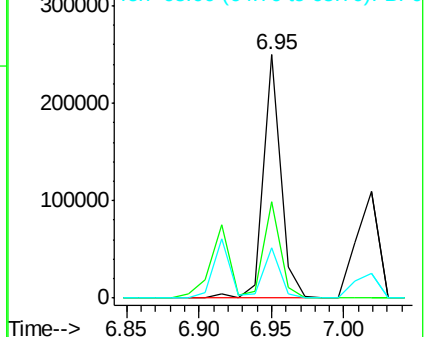
65 20.4 14.7 22.1



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: 84.23 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

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ClientSampleId :

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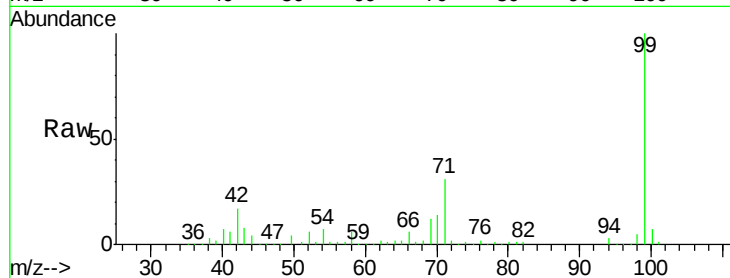
Tgt Ion: 99 Resp: 298551

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

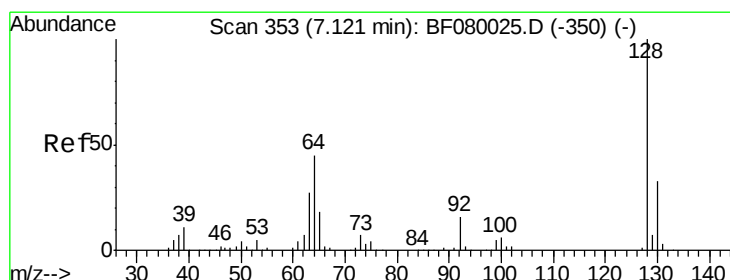
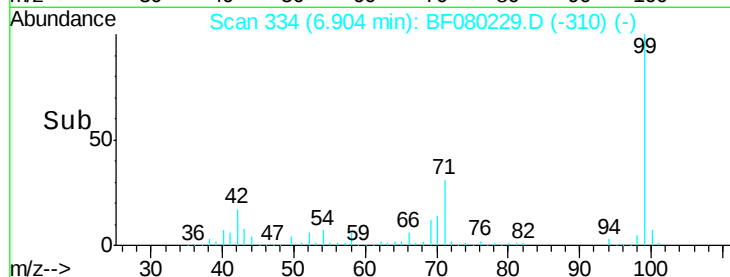
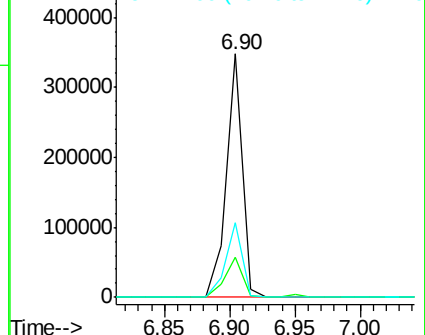
71 30.6 14.2 21.2#



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: 39.27 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

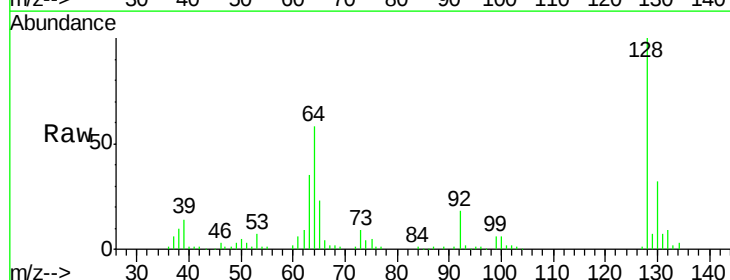
Tgt Ion: 128 Resp: 120876

Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

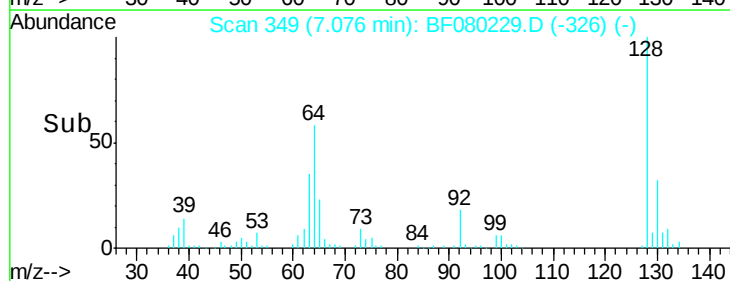
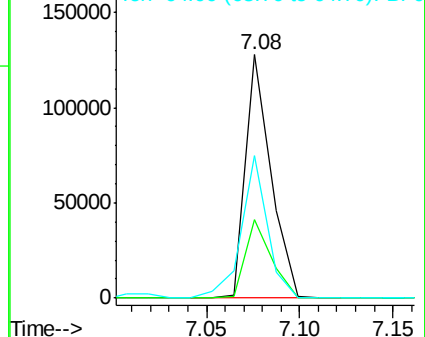
64 58.3 20.5 60.5

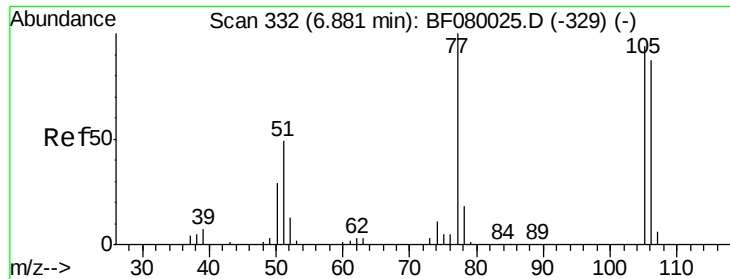


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.00 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080229.D

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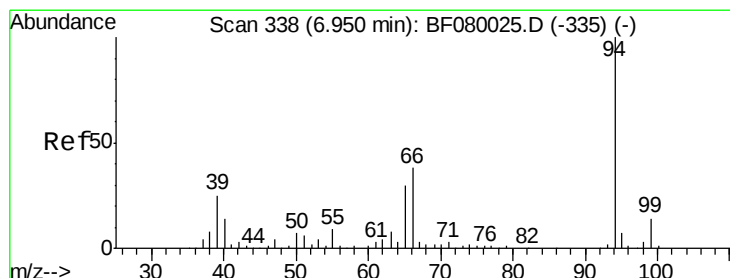
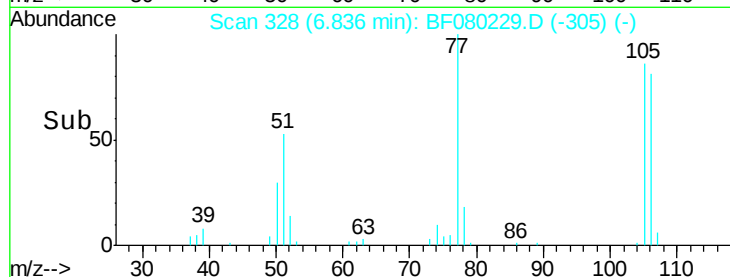
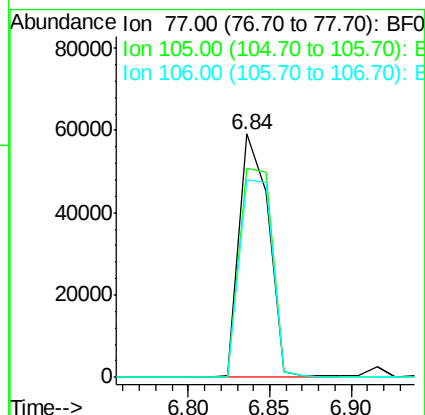
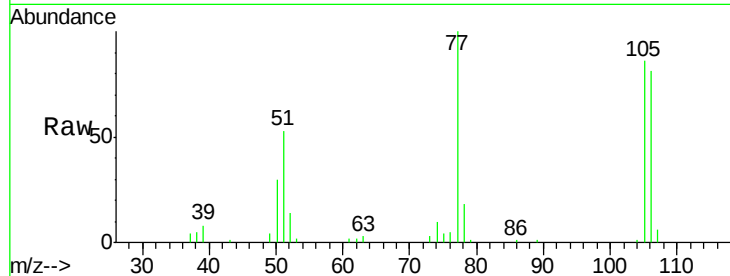
Tgt Ion: 77 Resp: 73663

Ion Ratio Lower Upper

77 100

105 85.6 91.6 131.6#

106 81.1 102.6 142.6#



#10

Phenol

Concen: 42.73 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

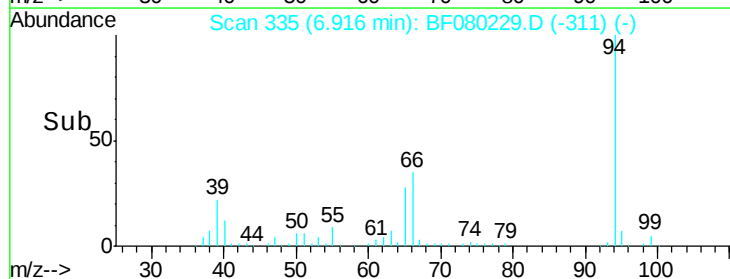
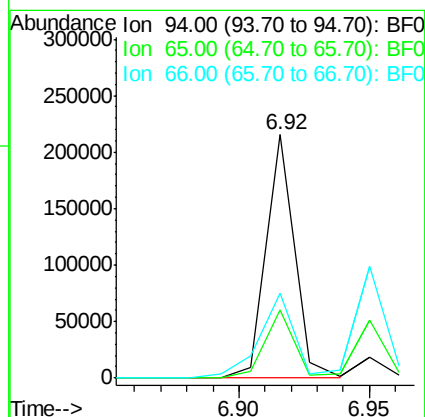
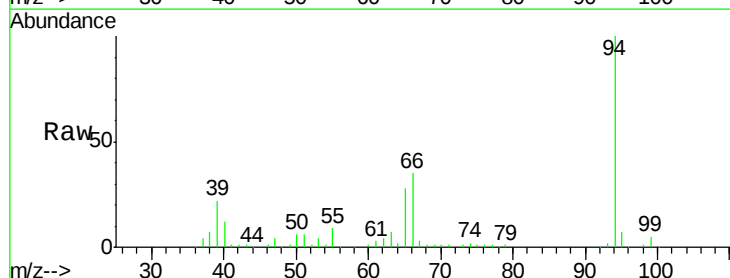
Tgt Ion: 94 Resp: 165289

Ion Ratio Lower Upper

94 100

65 28.2 0.7 40.7

66 34.7 0.8 40.8

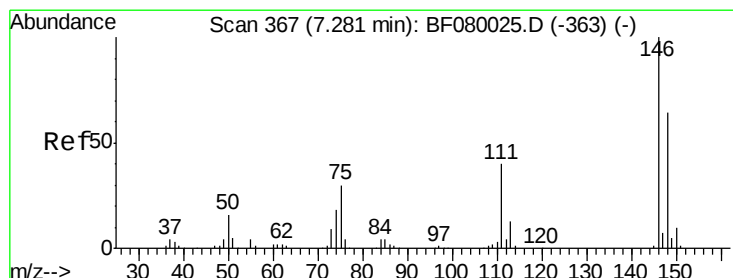
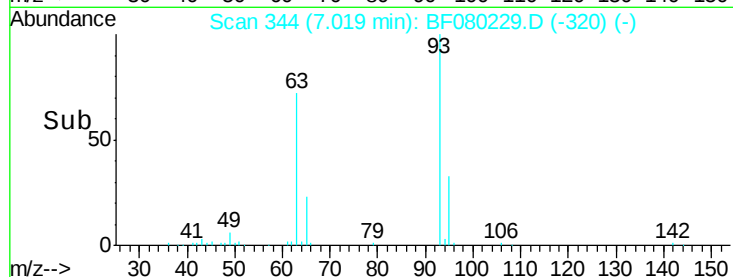
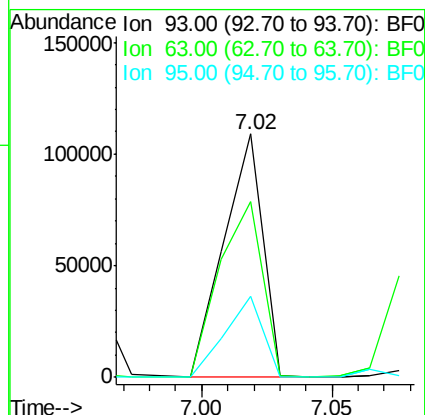
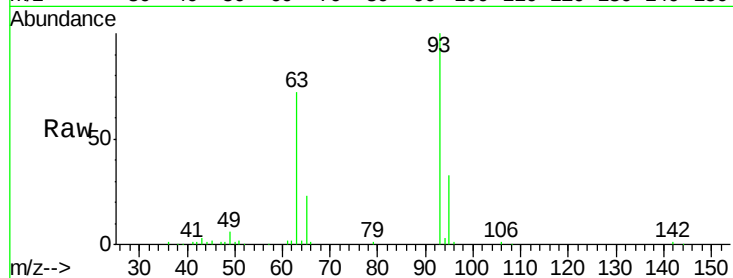




#11
bis(2-Chloroethyl)ether
Concen: 37.04 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

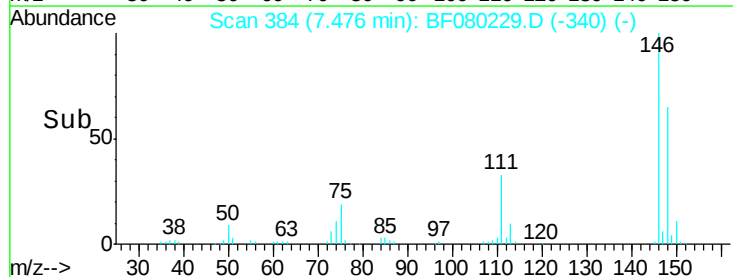
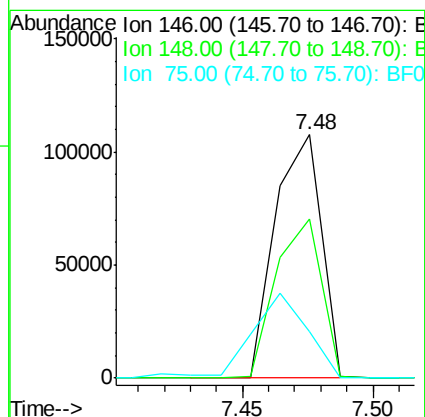
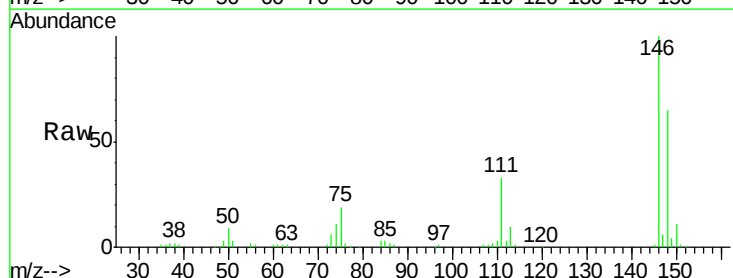
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

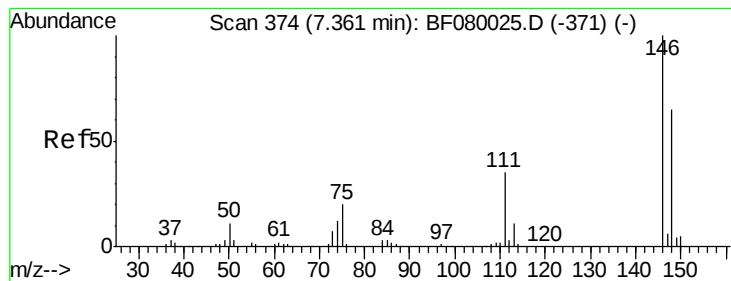
Tgt Ion: 93 Resp: 113666
Ion Ratio Lower Upper
93 100
63 71.9 65.6 105.6
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 35.95 ng
RT: 7.48 min Scan# 384
Delta R.T. 0.21 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion: 146 Resp: 132955
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 19.1 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 44.83 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

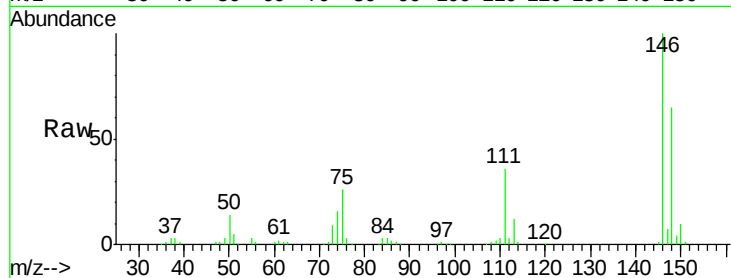
Tgt Ion:146 Resp: 157656

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

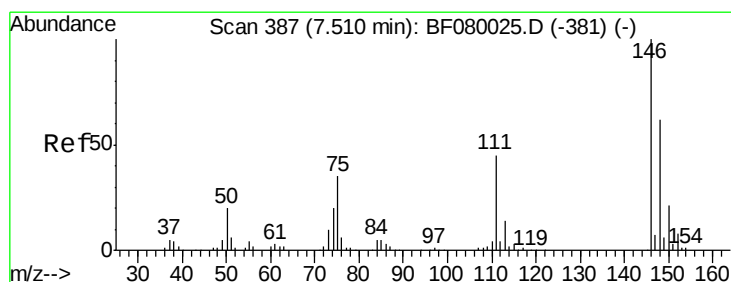
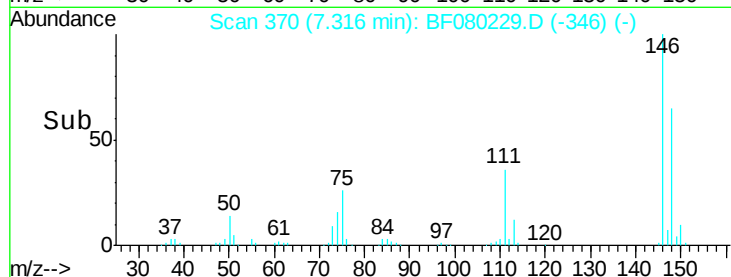
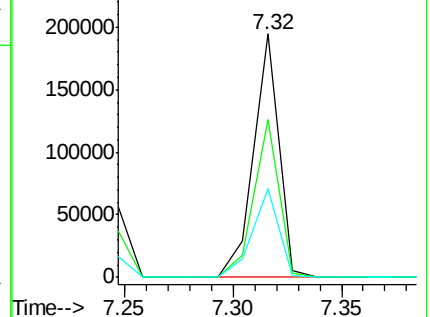
111 36.5 24.9 37.3



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: 38.84 ng

RT: 7.48 min Scan# 384

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

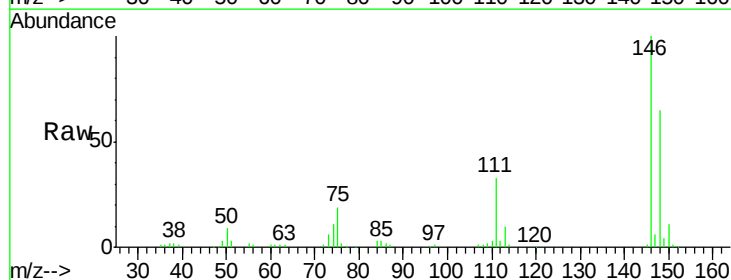
Tgt Ion:146 Resp: 132938

Ion Ratio Lower Upper

146 100

148 65.2 52.7 79.1

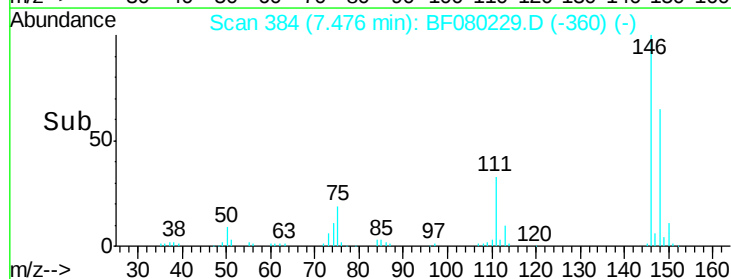
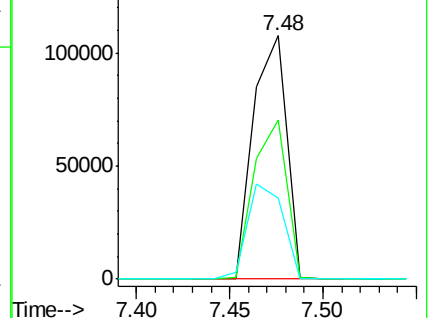
111 33.1 28.8 43.2



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: 37.40 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

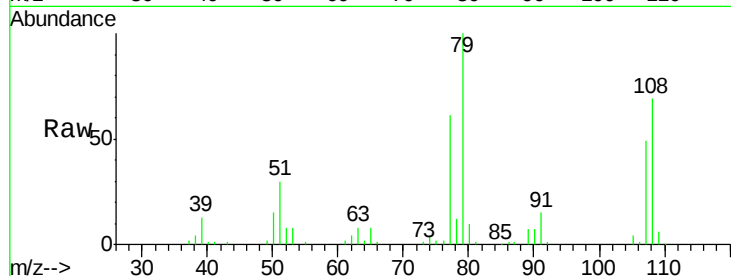
Tgt Ion: 79 Resp: 108386

Ion Ratio Lower Upper

79 100

108 69.3 88.6 132.8#

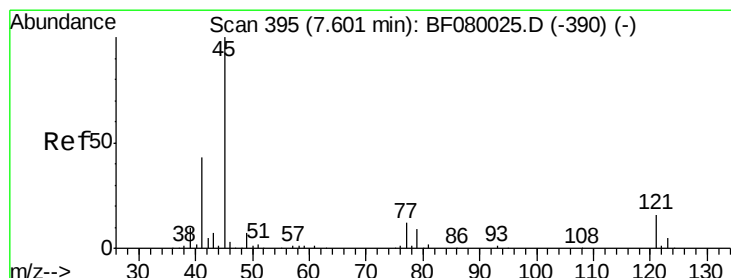
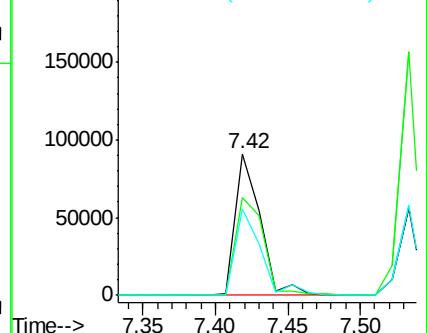
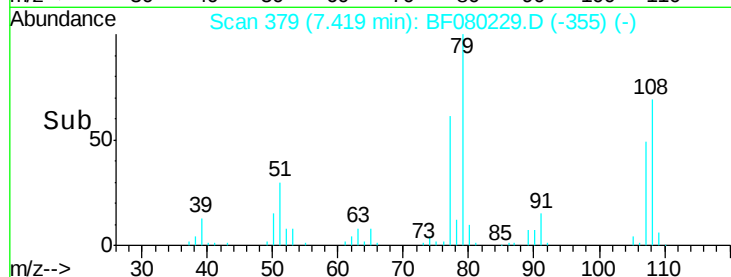
77 60.9 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.18 ng

RT: 7.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

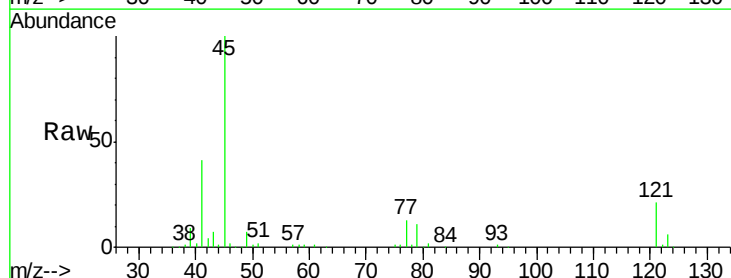
Tgt Ion: 45 Resp: 201246

Ion Ratio Lower Upper

45 100

77 13.4 0.0 28.1

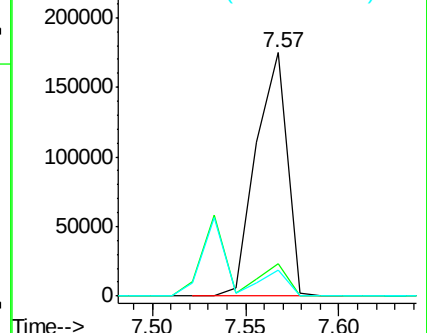
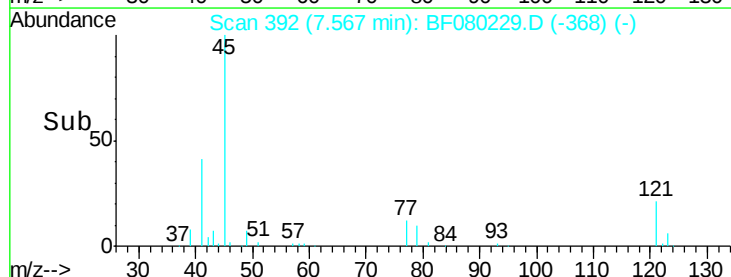
79 10.9 0.0 26.0

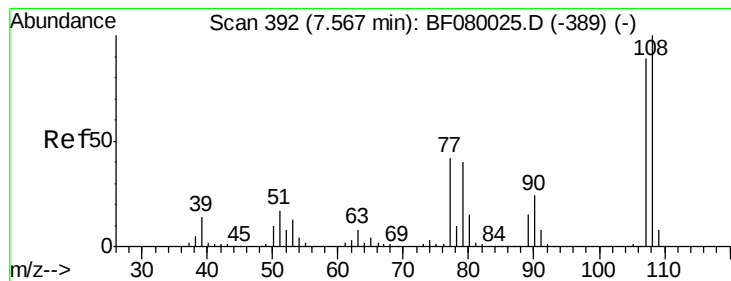


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.28 ng

RT: 7.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 108554

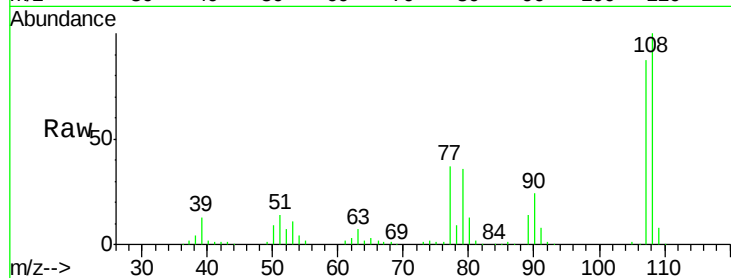
Ion Ratio Lower Upper

107 100

108 115.1 96.6 145.0

77 42.6 23.3 34.9#

79 41.5 22.0 33.0#



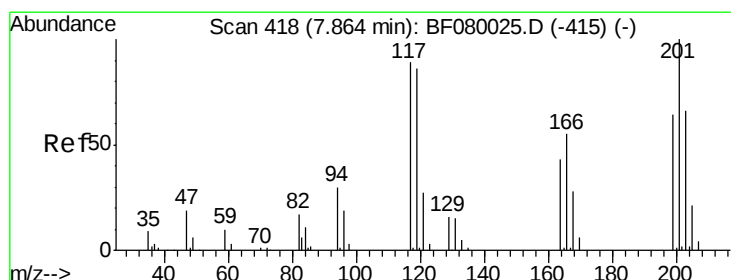
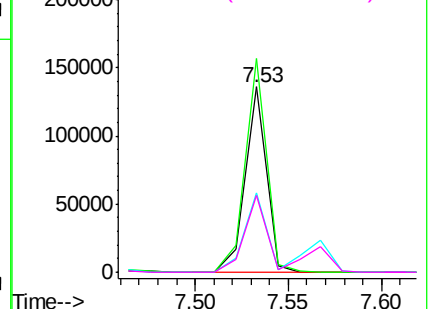
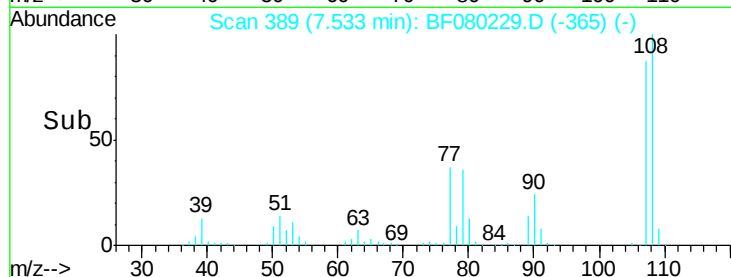
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 42.03 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

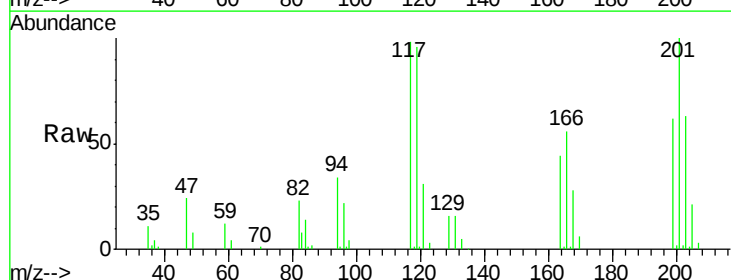
Tgt Ion:117 Resp: 49217

Ion Ratio Lower Upper

117 100

119 98.0 83.8 125.6

201 101.9 55.1 82.7#

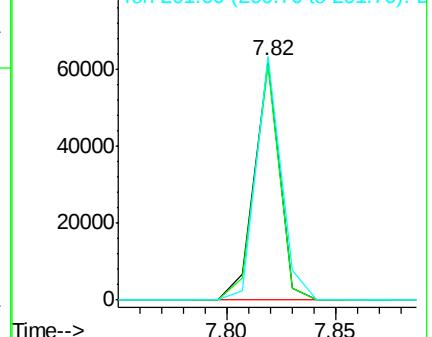
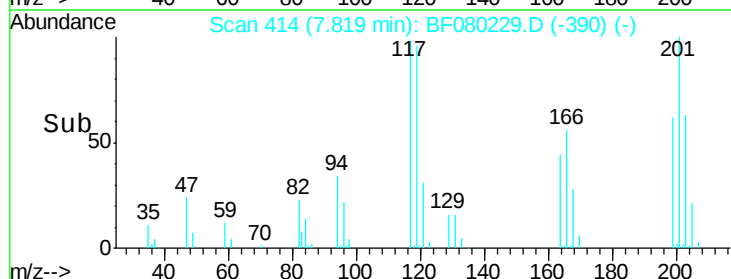


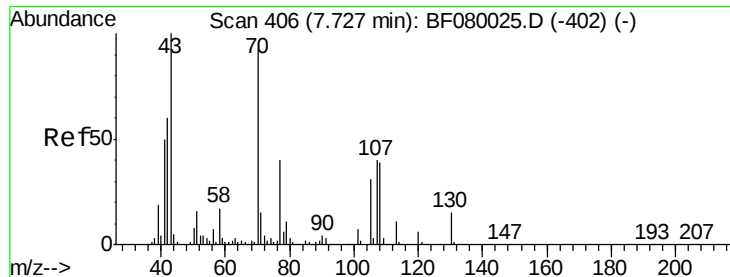
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

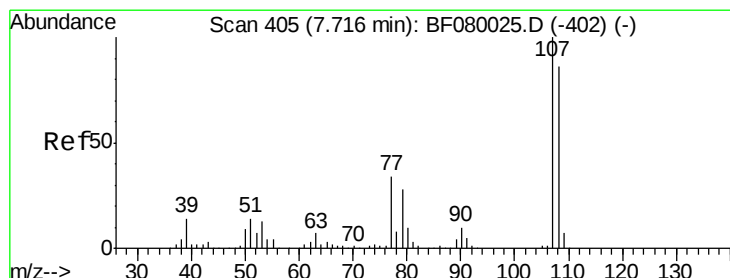
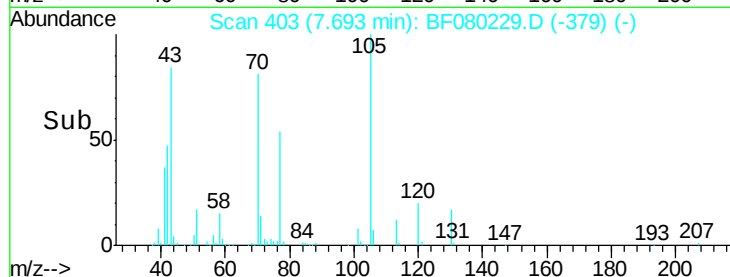
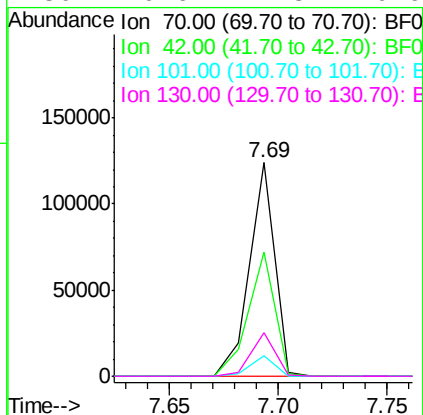
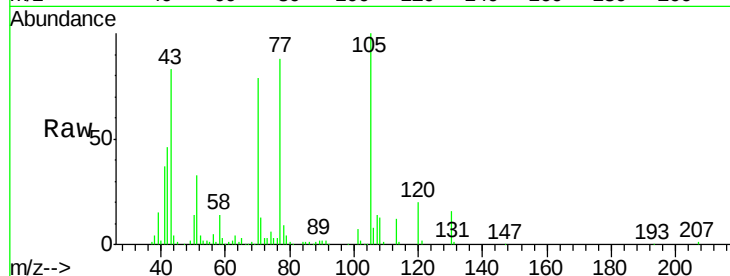




#19
n-Nitroso-di-n-propylamine
Concen: 40.73 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

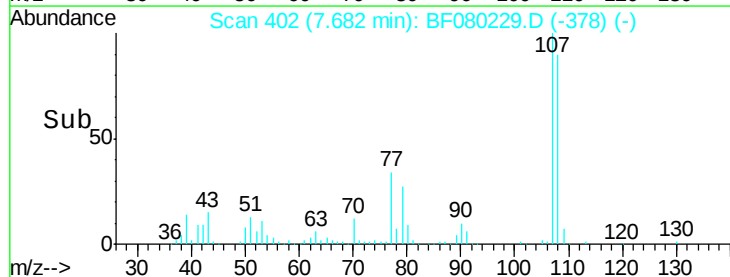
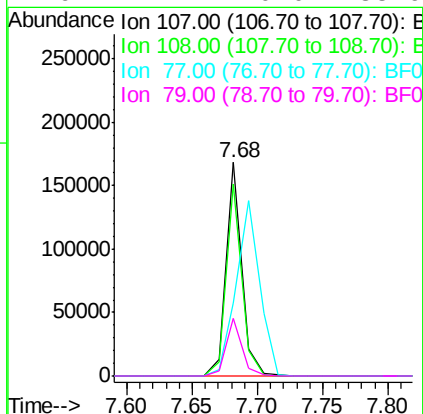
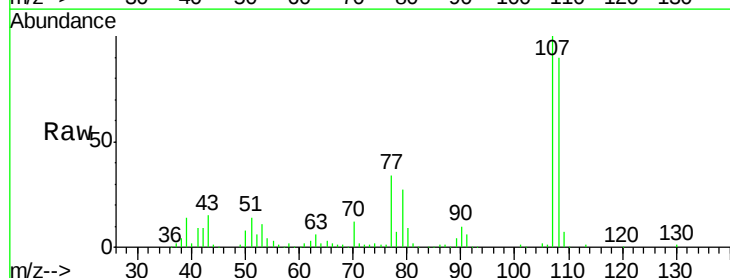
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

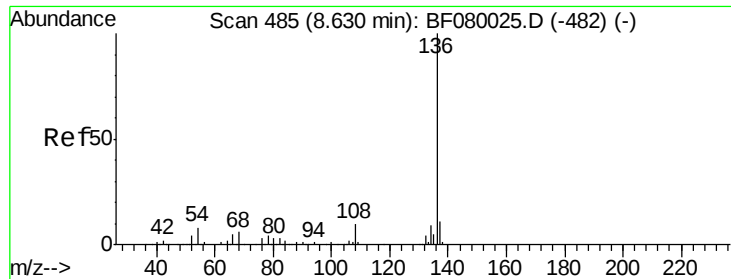
Tgt Ion: 70 Resp: 100229
Ion Ratio Lower Upper
70 100
42 58.0 63.8 95.6#
101 9.4 9.2 13.8
130 20.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 41.65 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion: 107 Resp: 141361
Ion Ratio Lower Upper
107 100
108 89.9 74.6 114.6
77 34.1 0.7 40.7
79 27.1 0.0 38.9

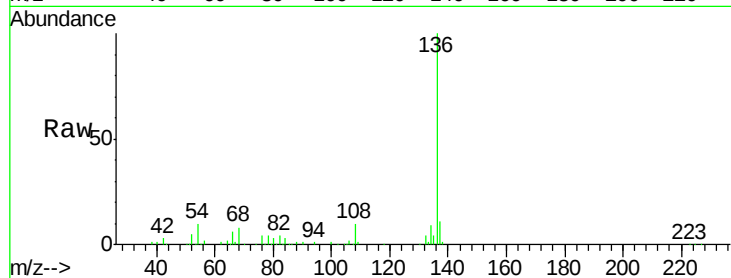




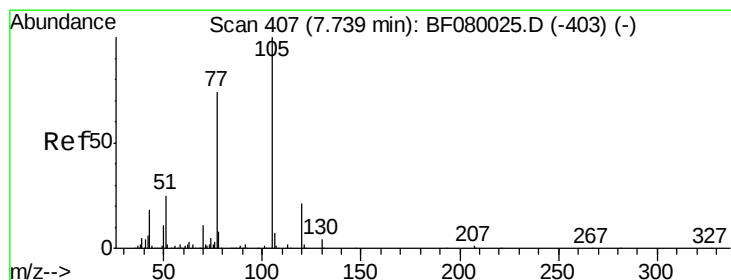
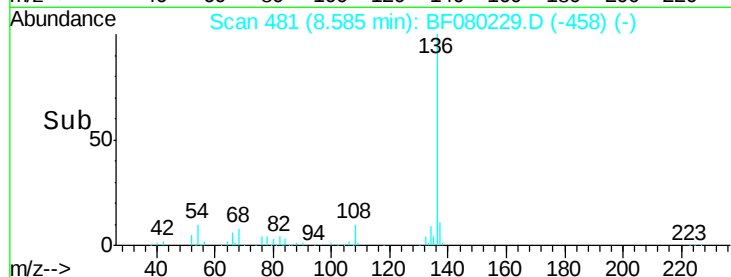
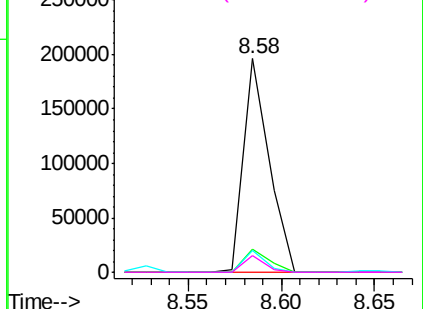
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	188520
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.1	8.2	12.2
68	7.7	5.8	8.6

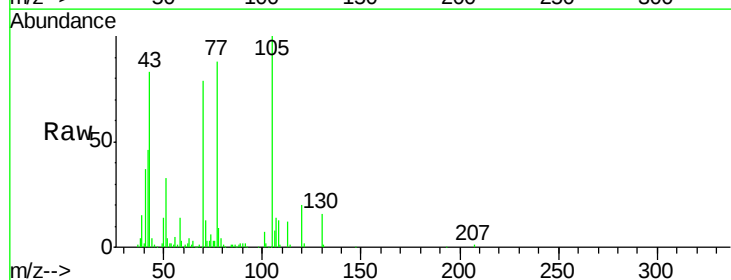


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

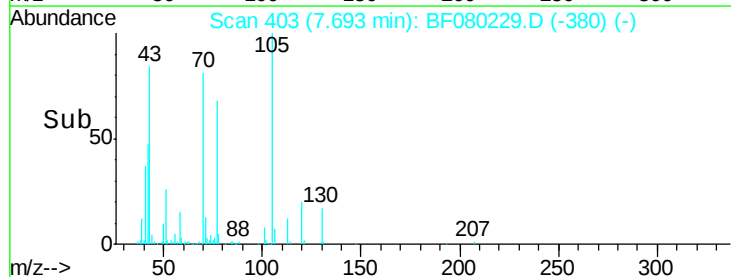
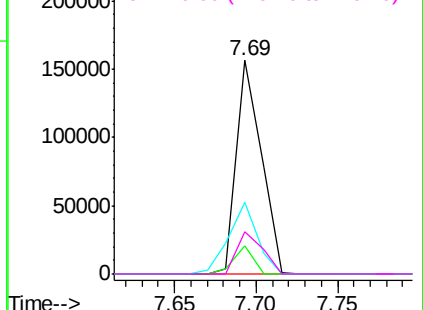


#22
Acetophenone
Concen: 37.37 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:	105	Resp:	164184
Ion	Ratio	Lower	Upper
105	100		
71	13.3	4.7	7.1#
51	33.4	22.0	33.0#
120	19.9	30.1	45.1#



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

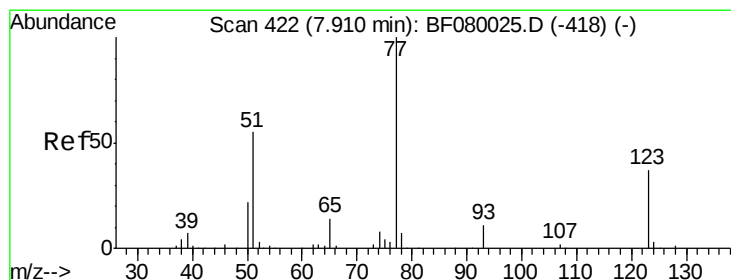
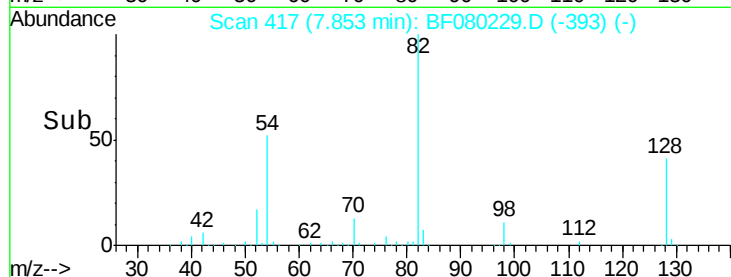
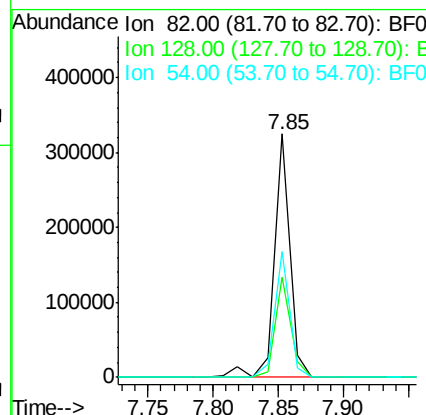
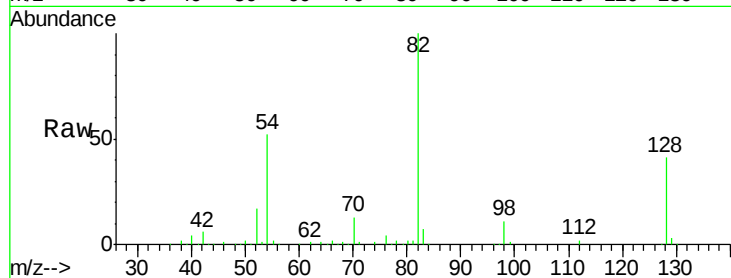




#23
 Nitrobenzene-d5
 Concen: 84.55 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

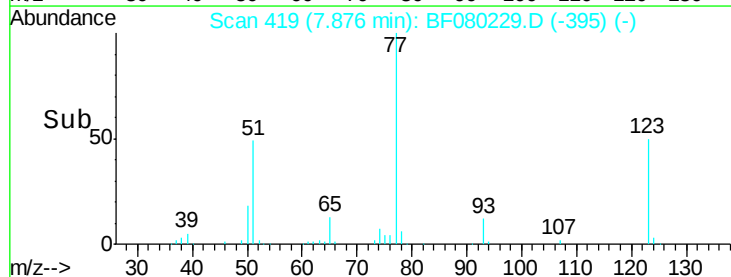
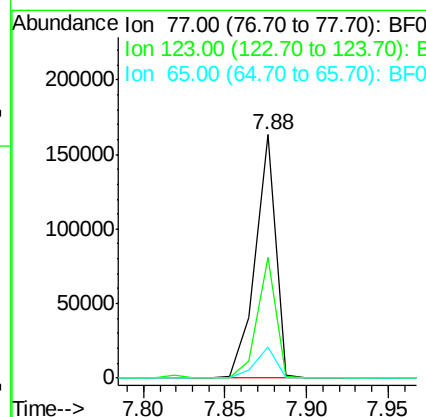
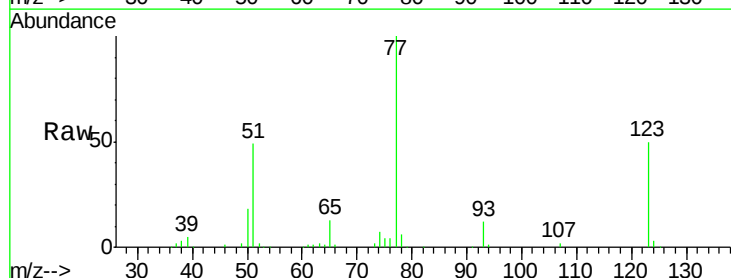
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 273791
 Ion Ratio Lower Upper
 82 100
 128 41.0 51.0 76.6#
 54 51.6 47.5 71.3



#24
 Nitrobenzene
 Concen: 42.64 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion: 77 Resp: 142506
 Ion Ratio Lower Upper
 77 100
 123 49.8 59.8 89.8#
 65 12.8 10.2 15.4





#25

Isophorone

Concen: 36.80 ng

RT: 8.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

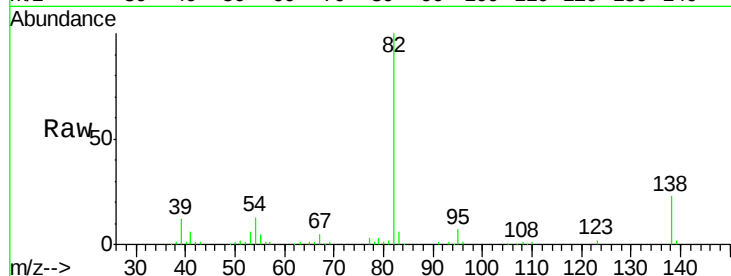
Tgt Ion: 82 Resp: 239853

Ion Ratio Lower Upper

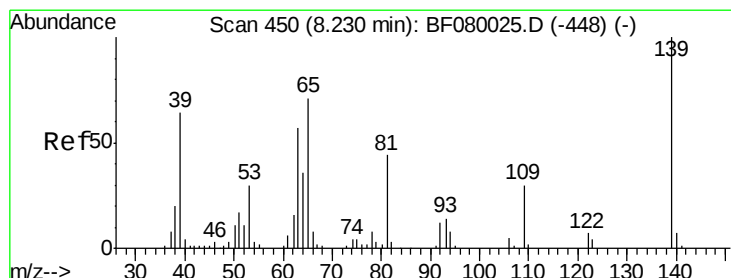
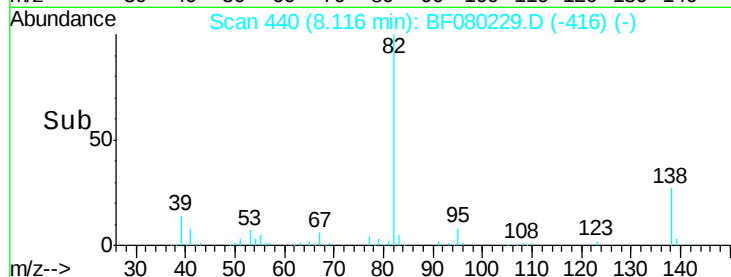
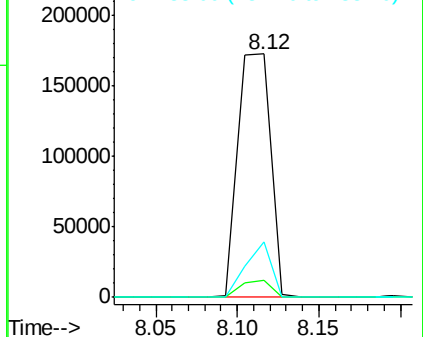
82 100

95 7.1 4.0 6.0#

138 22.7 18.3 27.5



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: 49.33 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

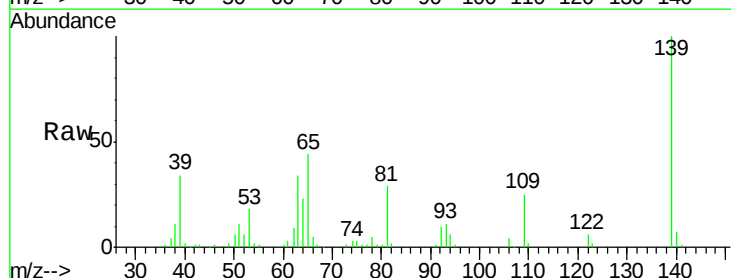
Tgt Ion: 139 Resp: 69012

Ion Ratio Lower Upper

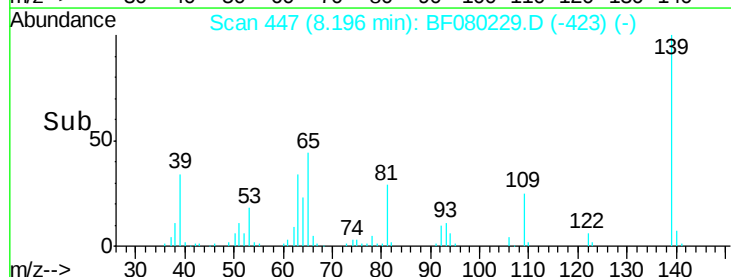
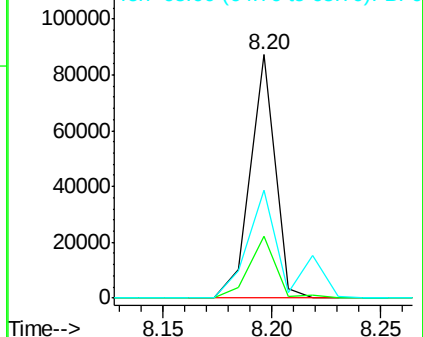
139 100

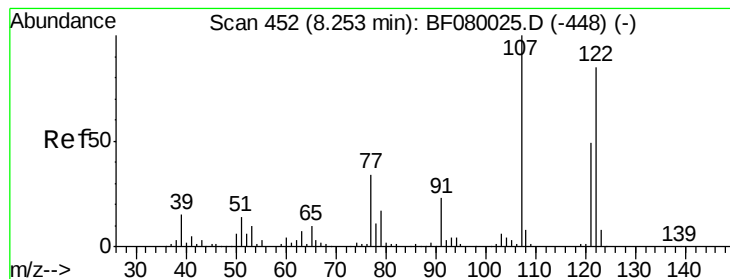
109 25.5 11.0 16.4#

65 44.2 24.7 37.1#



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





#27

2,4-Dimethylphenol

Concen: 42.26 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

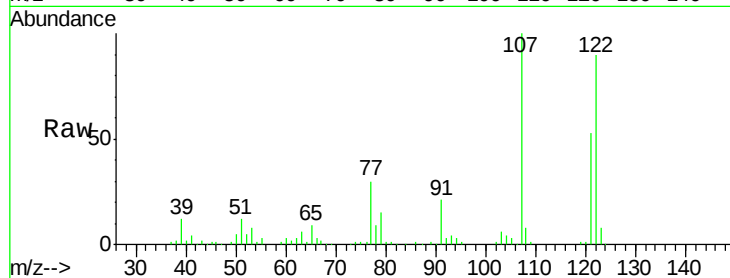
Tgt Ion: 122 Resp: 123291

Ion Ratio Lower Upper

122 100

107 110.8 71.8 107.6#

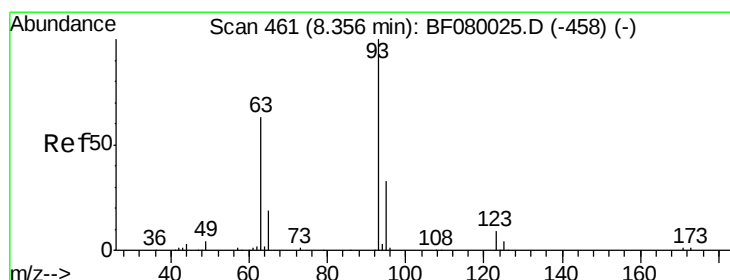
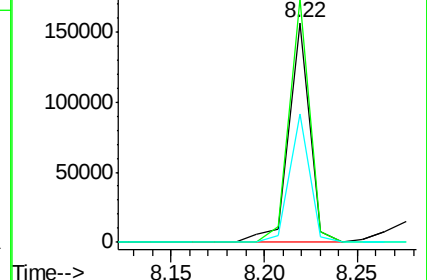
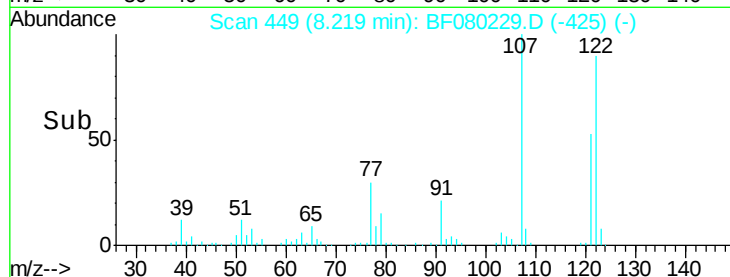
121 58.3 42.3 63.5



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: 36.47 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

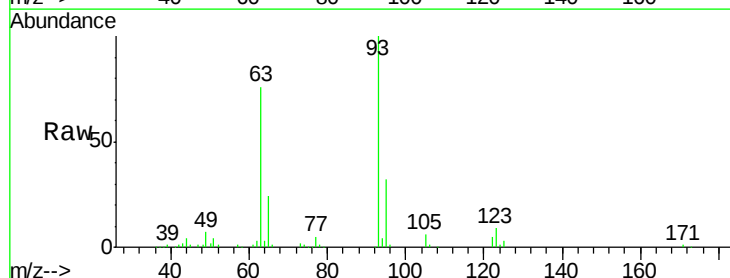
Tgt Ion: 93 Resp: 139646

Ion Ratio Lower Upper

93 100

95 31.7 27.5 41.3

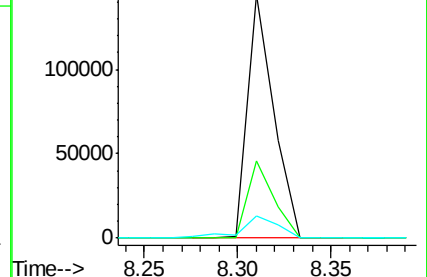
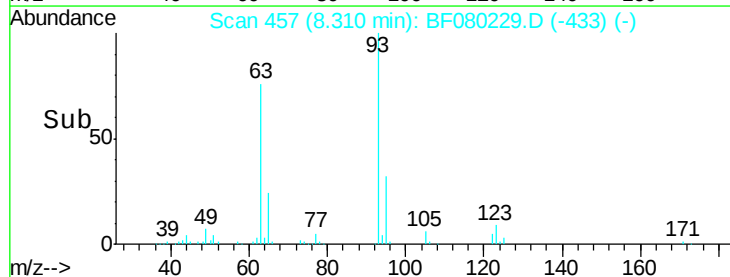
123 9.3 13.7 20.5#



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

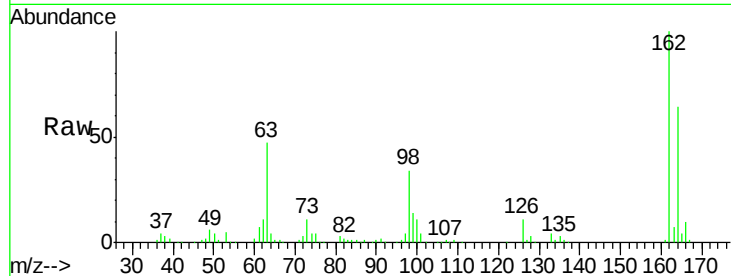




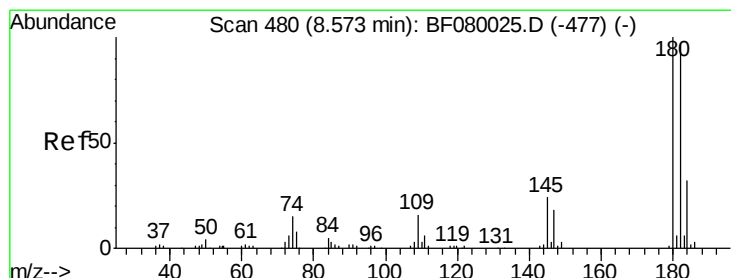
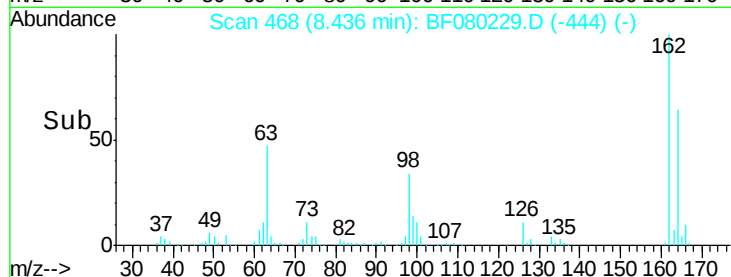
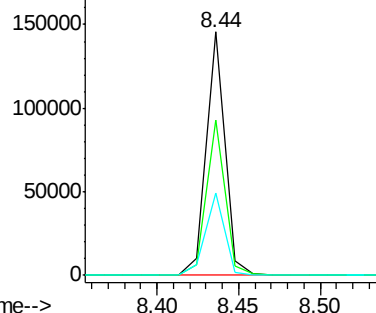
#29
 2,4-Dichlorophenol
 Concen: 45.68 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.9	84.9
98	34.1	13.0	53.0

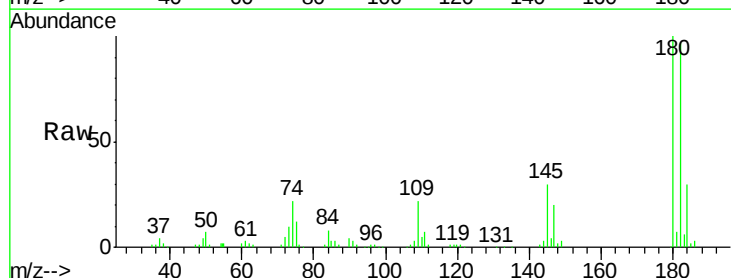


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

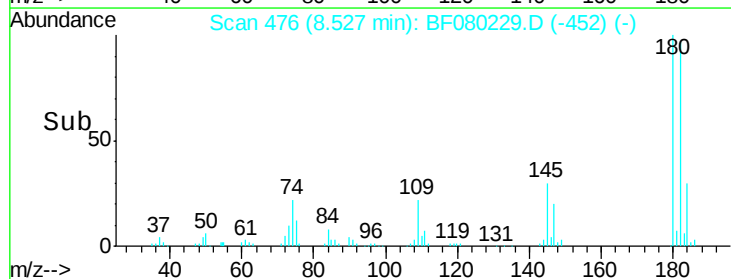
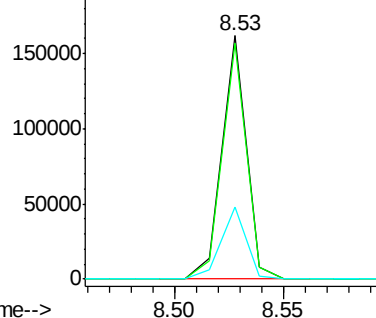


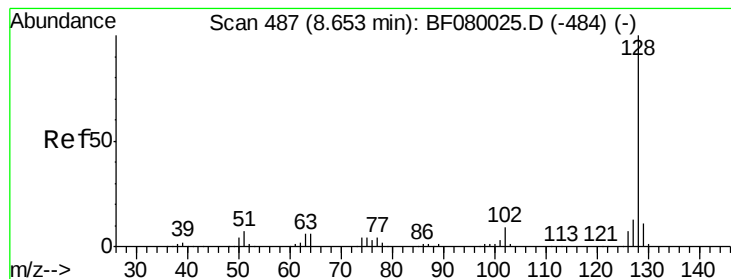
#30
 1,2,4-Trichlorobenzene
 Concen: 44.31 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.1	115.7
145	29.6	23.3	34.9



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: 38.49 ng

RT: 8.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

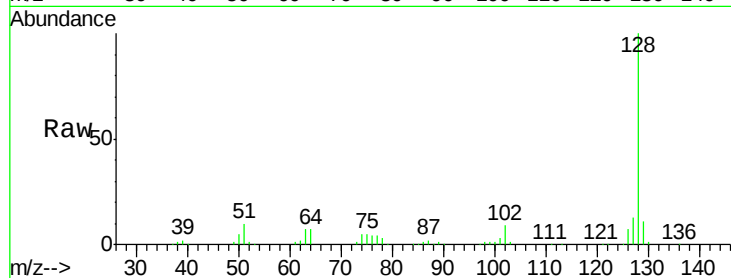
Tgt Ion:128 Resp: 379351

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

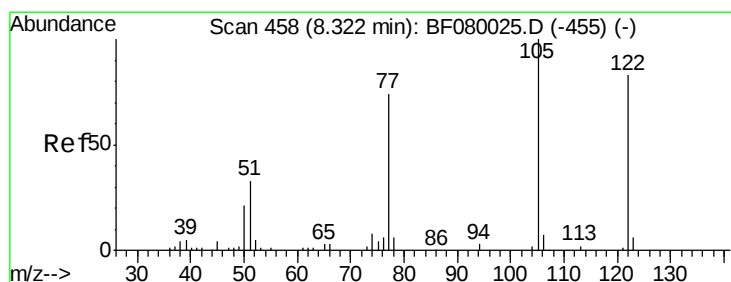
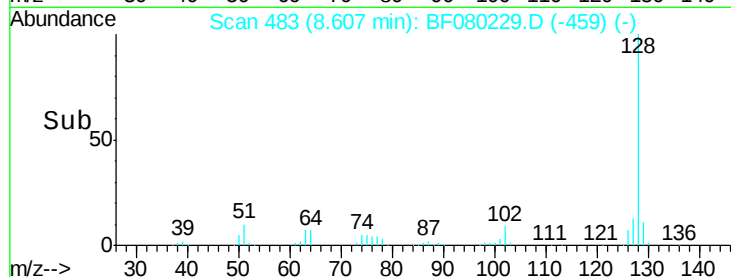
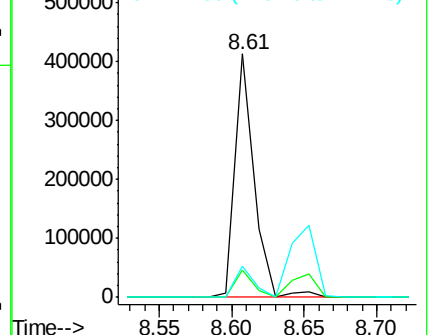
127 13.0 9.9 14.9



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: 37.73 ng

RT: 8.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

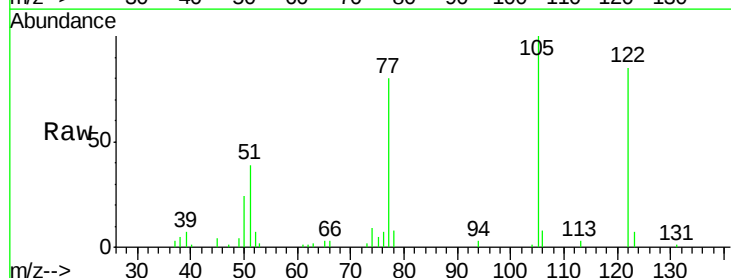
Tgt Ion:122 Resp: 66543

Ion Ratio Lower Upper

122 100

105 118.3 76.1 116.1#

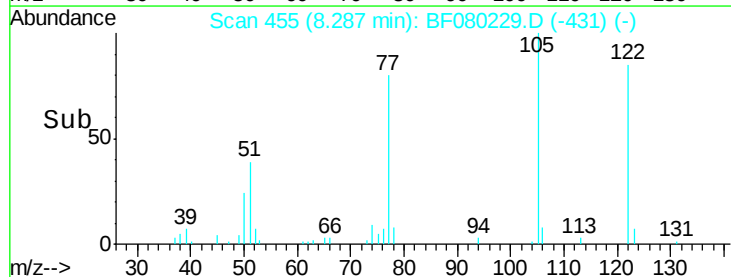
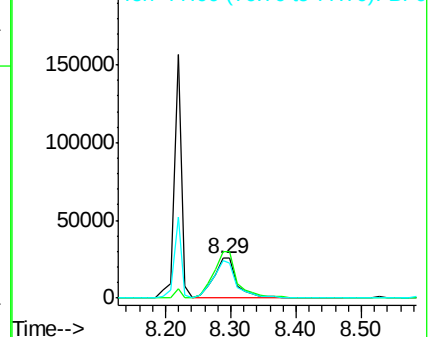
77 94.8 40.5 80.5#

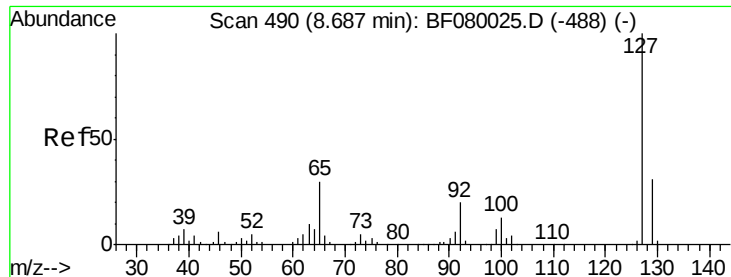


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

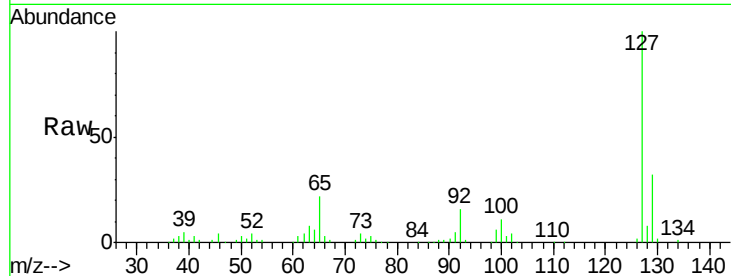




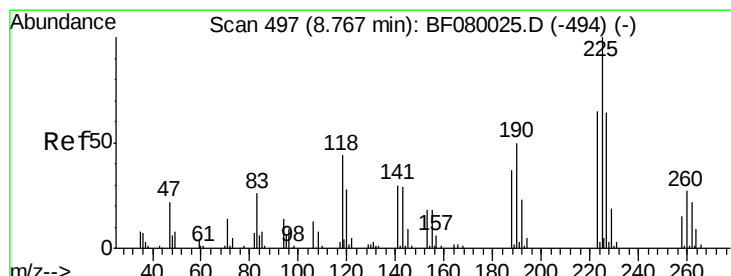
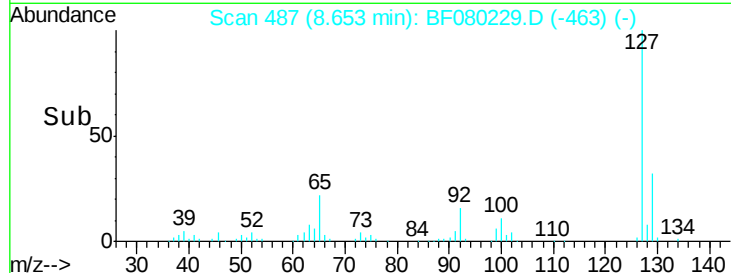
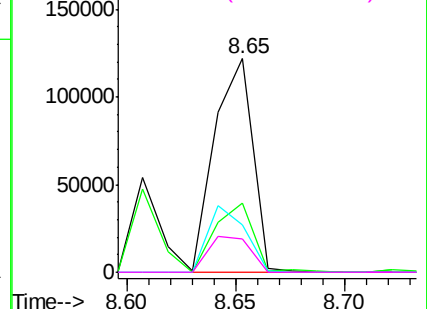
#33
4-Chloroaniline
Concen: 35.13 ng
RT: 8.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	127	Resp:	148175
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.8	38.6
65	22.4	17.9	26.9
92	15.7	10.5	15.7

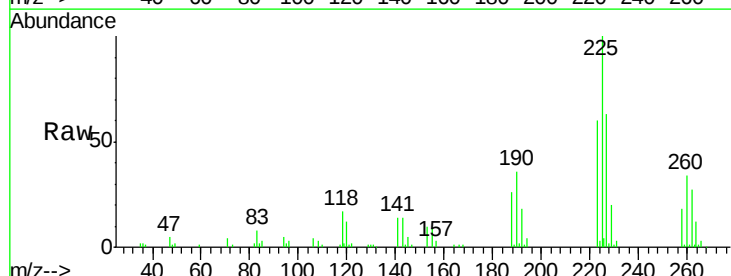


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

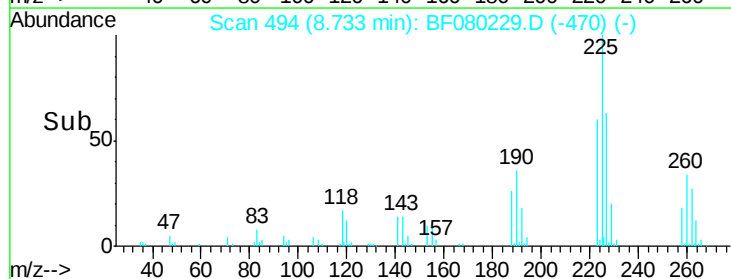
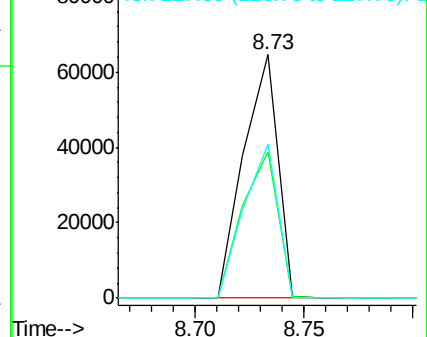


#34
Hexachlorobutadiene
Concen: 40.49 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:	225	Resp:	70736
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.2	75.2
227	63.0	52.2	78.2



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

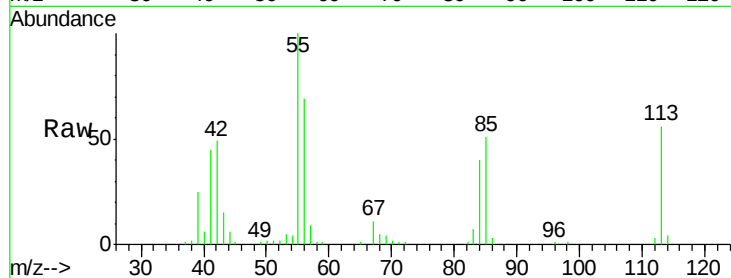




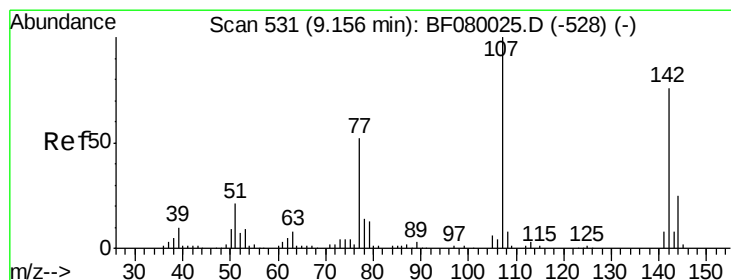
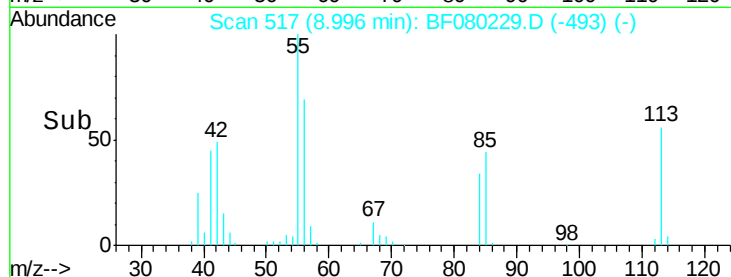
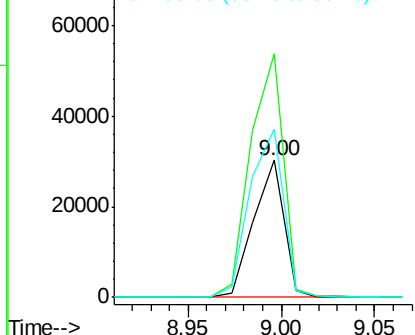
#35
 Caprolactam
 Concen: 41.66 ng
 RT: 9.00 min Scan# 517
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 33781
 Ion Ratio Lower Upper
 113 100
 55 177.8 152.4 192.4
 56 122.8 104.6 144.6

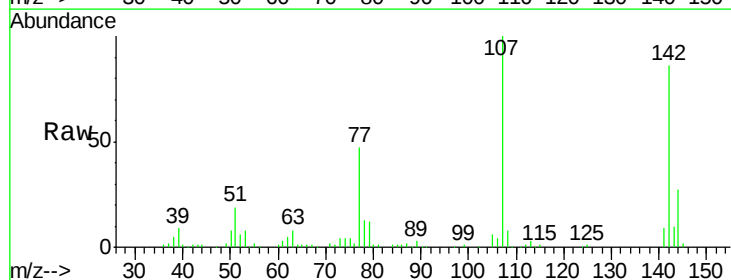


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

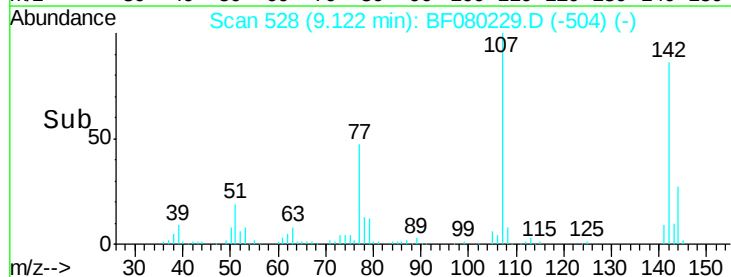
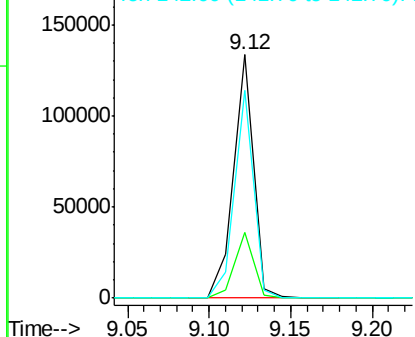


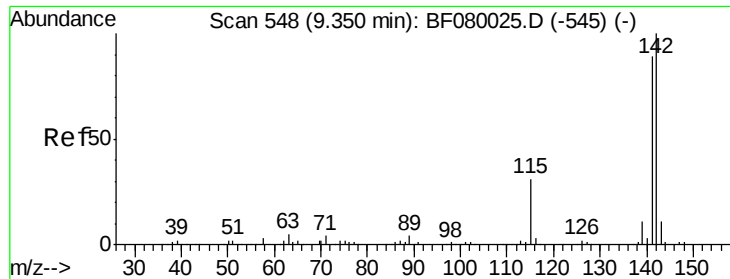
#36
 4-Chloro-3-methylphenol
 Concen: 39.90 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:107 Resp: 112438
 Ion Ratio Lower Upper
 107 100
 144 27.2 25.4 38.0
 142 85.5 77.3 115.9



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

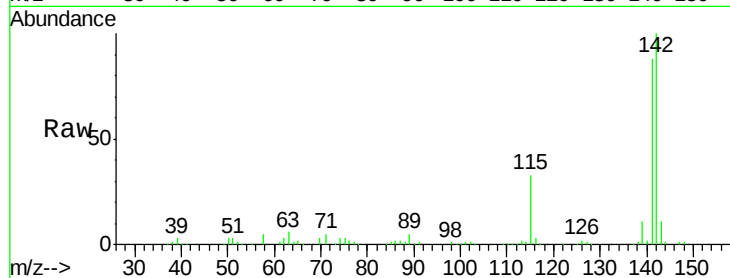




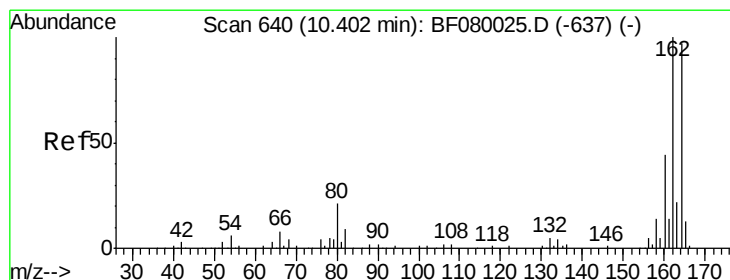
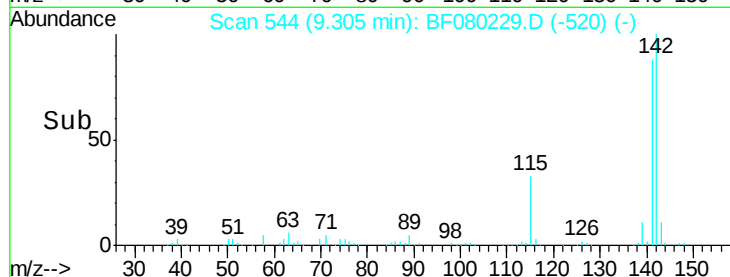
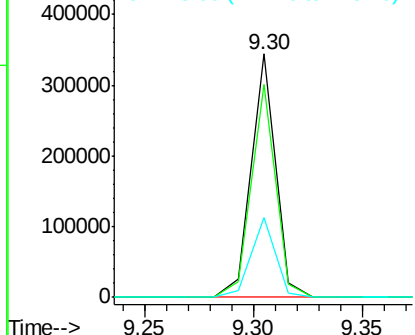
#37
2-Methylnaphthalene
Concen: 42.09 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 268364
Ion Ratio Lower Upper
142 100
141 87.6 67.5 101.3
115 32.7 18.2 27.2#

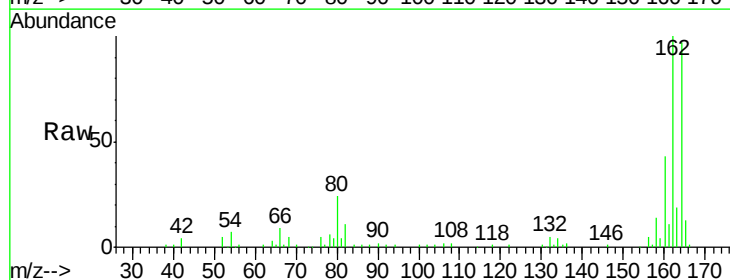


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

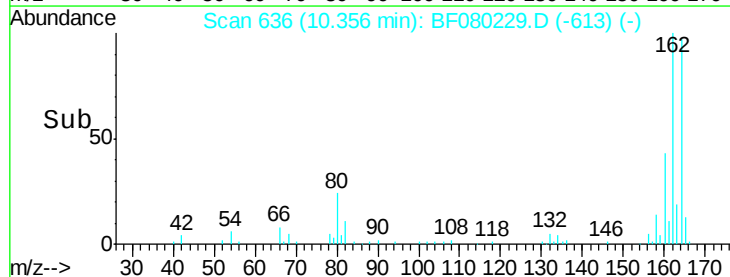
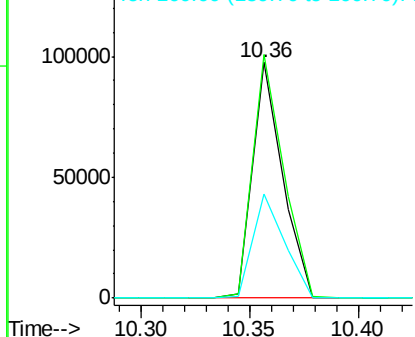


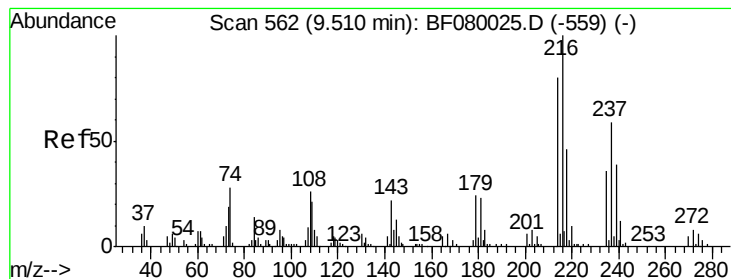
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:164 Resp: 93144
Ion Ratio Lower Upper
164 100
162 103.3 75.2 112.8
160 44.1 31.5 47.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.71 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 123889

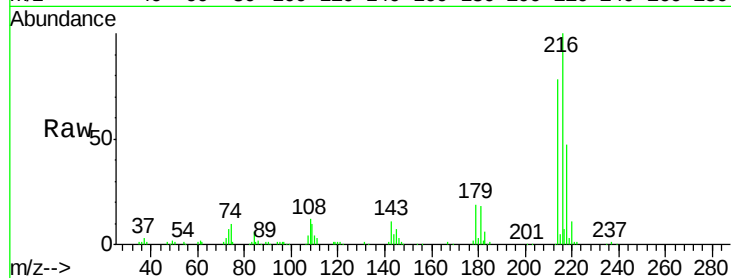
Ion Ratio Lower Upper

216 100

214 78.5 63.5 95.3

179 20.5 16.6 24.8

108 16.5 16.3 24.5

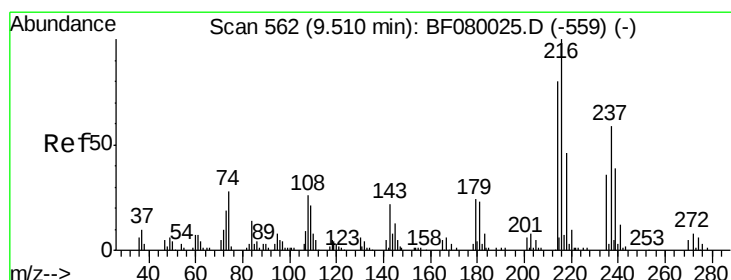
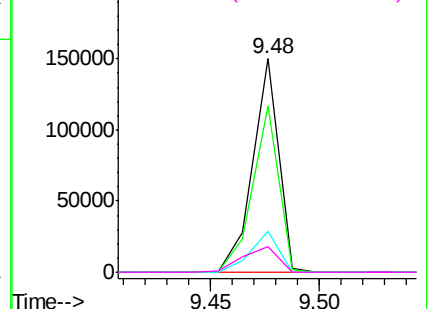
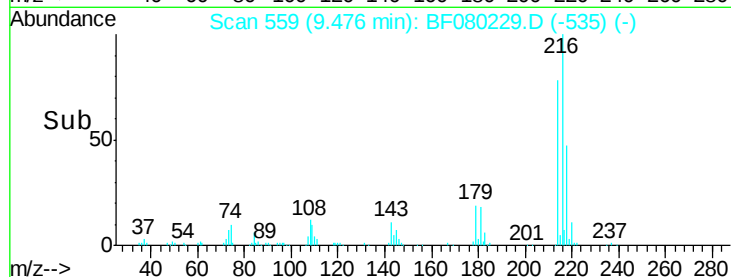


Abundance Ion 216.00 (215.70 to 216.70): E

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: 29.74 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

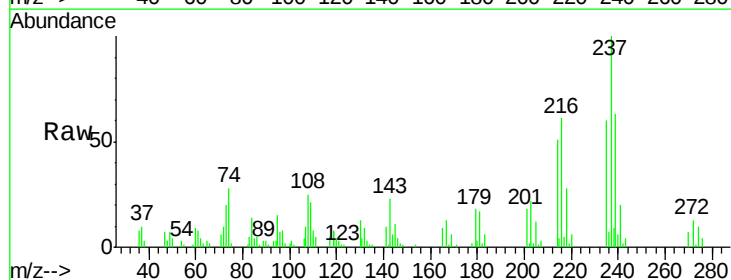
Tgt Ion:237 Resp: 35535

Ion Ratio Lower Upper

237 100

235 59.8 42.0 82.0

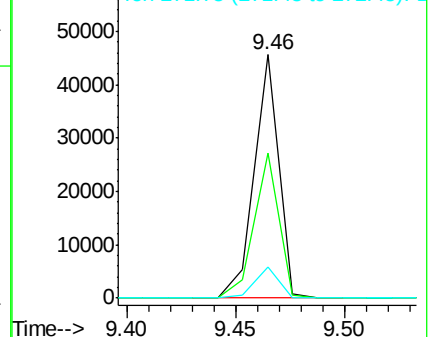
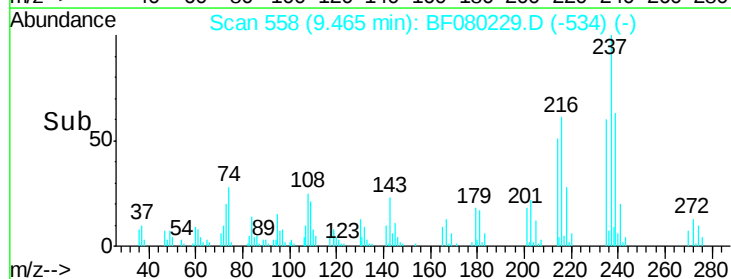
272 12.8 0.0 36.1



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

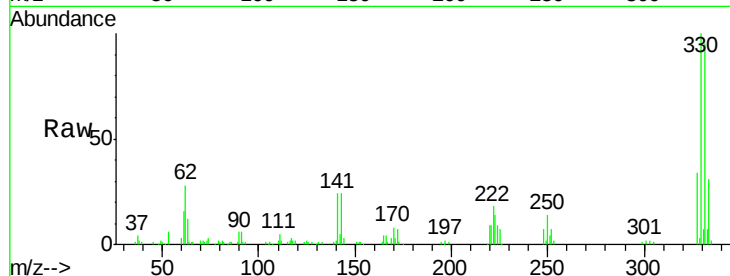




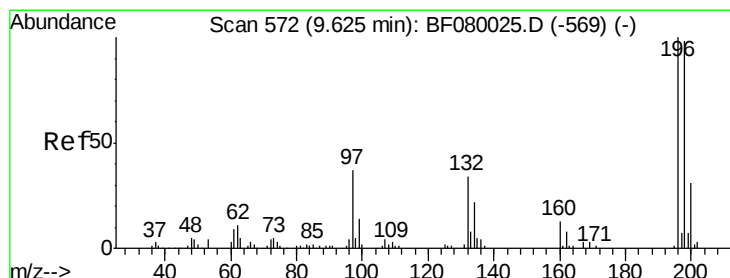
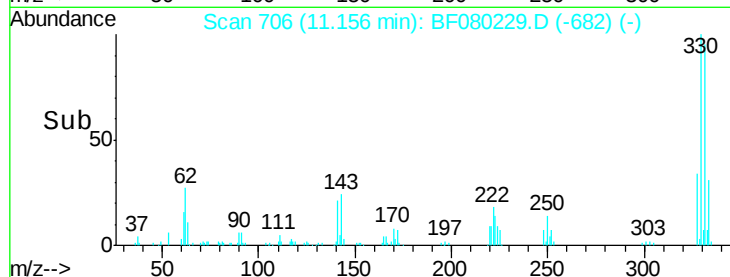
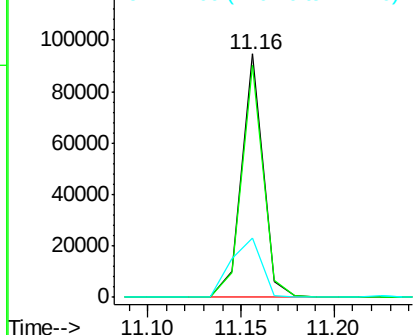
#41
 2,4,6-Tribromophenol
 Concen: 83.97 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 76480
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 114.8
 141 34.8 29.7 44.5

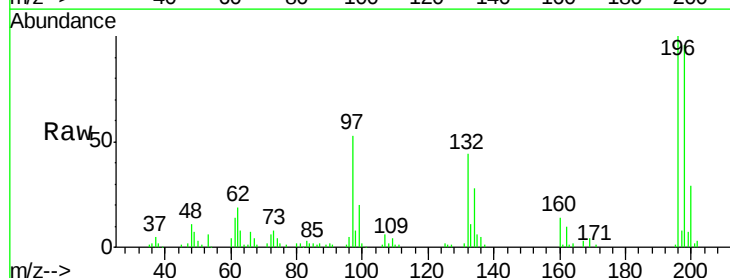


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

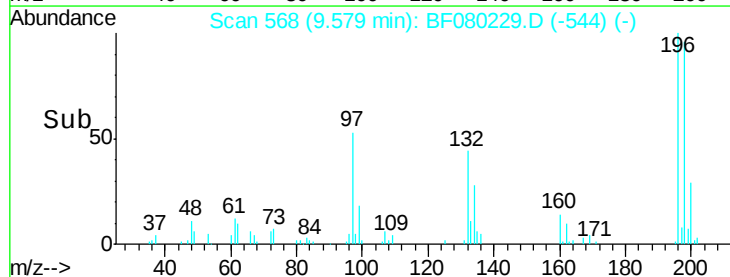
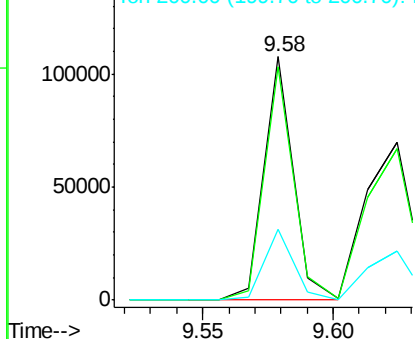


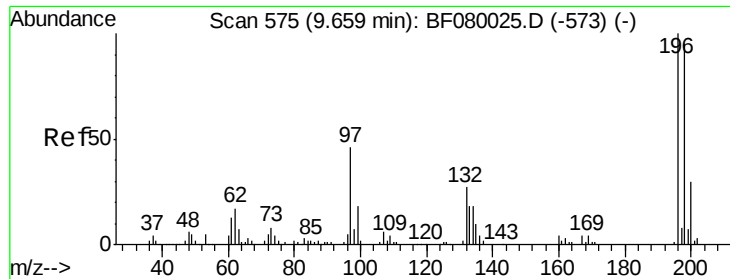
#42
 2,4,6-Trichlorophenol
 Concen: 45.95 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:196 Resp: 84747
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 200 29.3 23.9 35.9



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

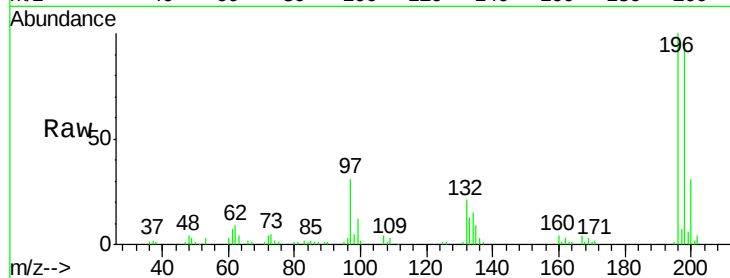




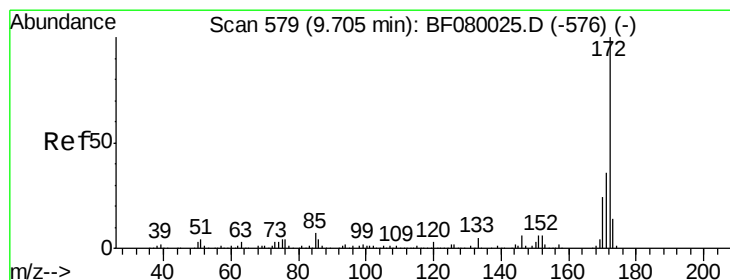
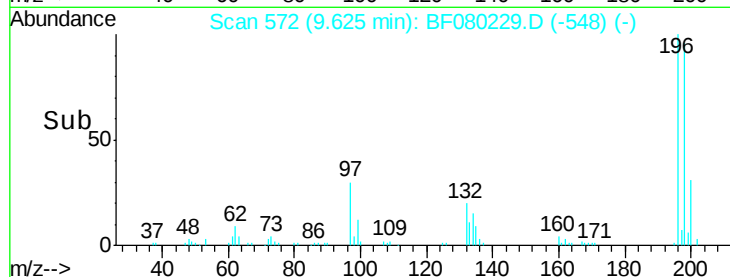
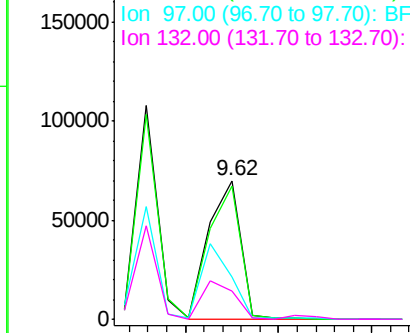
#43
 2,4,5-Trichlorophenol
 Concen: 39.31 ng
 RT: 9.62 min Scan# 572
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.4	113.0
97	30.7	33.3	49.9#
132	20.8	24.6	37.0#

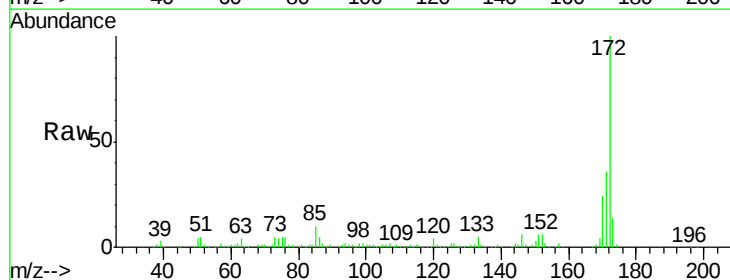


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

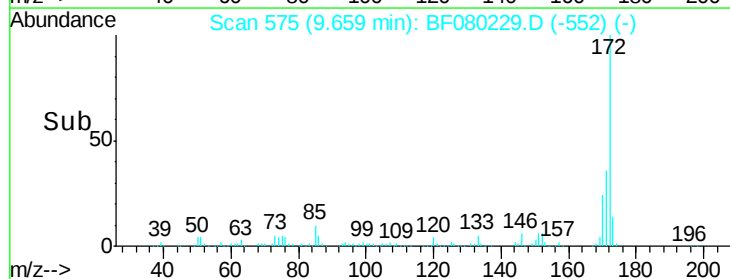
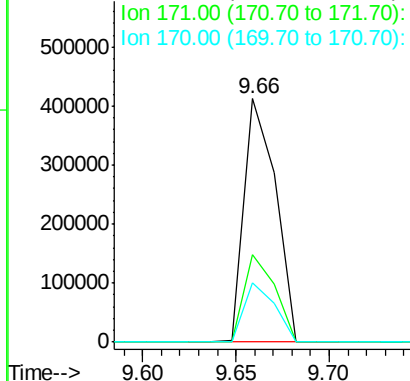


#44
 2-Fluorobiphenyl
 Concen: 73.89 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.3	17.4	26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

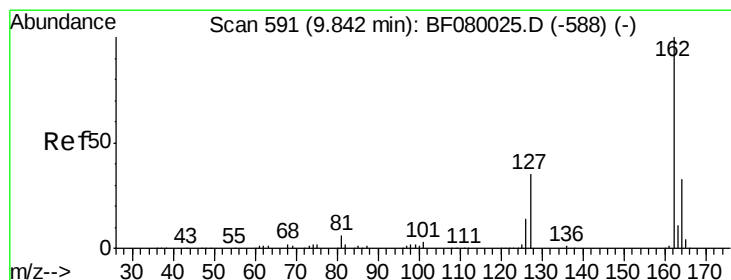
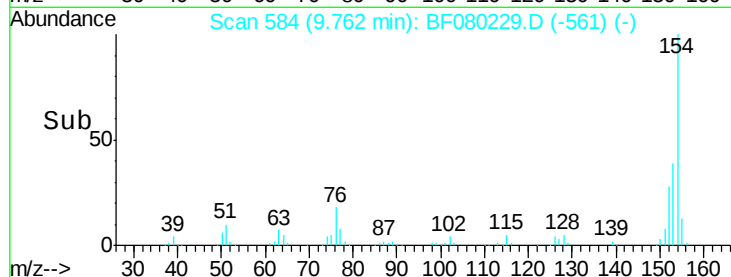
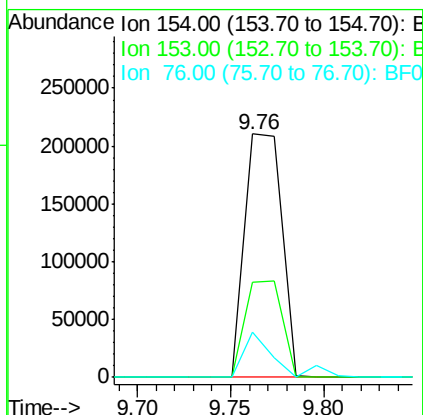
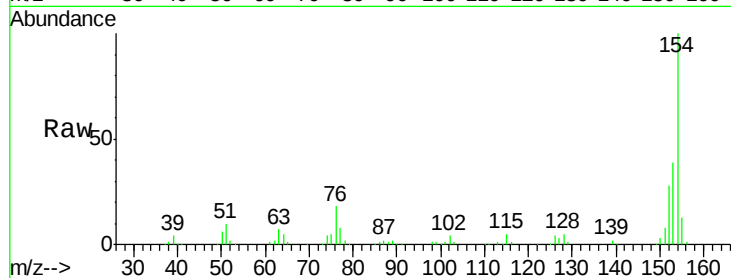




#45
 1,1'-Biphenyl
 Concen: 38.04 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

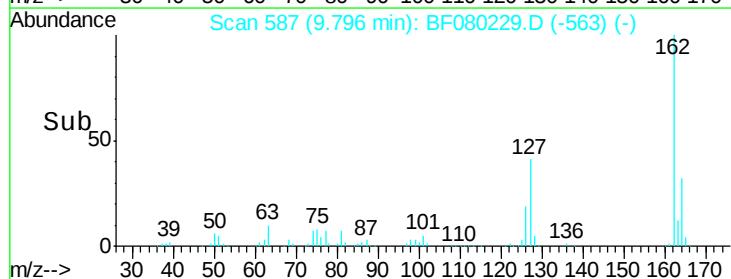
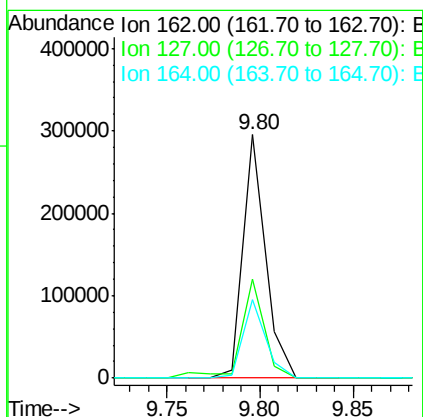
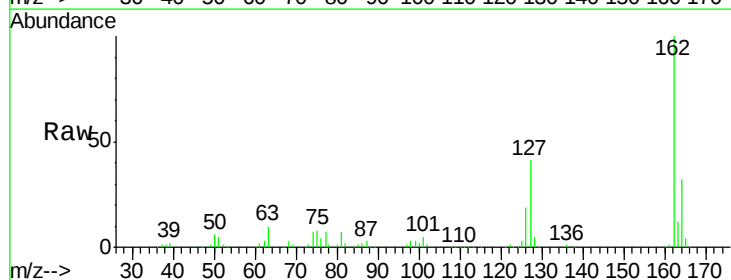
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	17.1	57.1
76	18.4	0.0	31.6



#46
 2-Chloronaphthalene
 Concen: 40.36 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	27.6	41.4
164	32.2	25.4	38.2

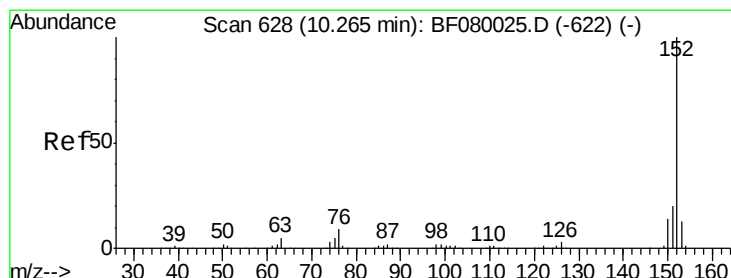
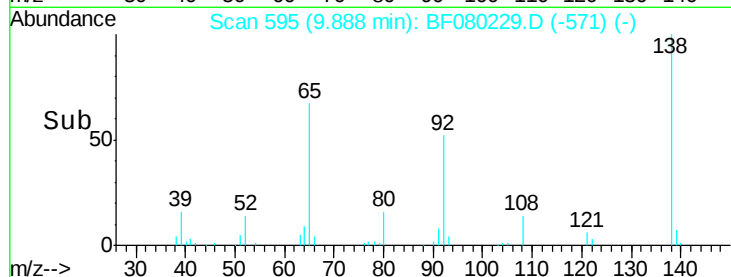
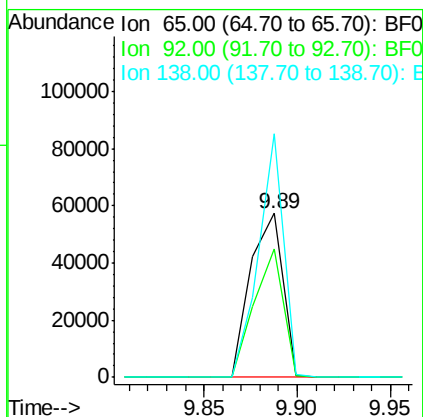
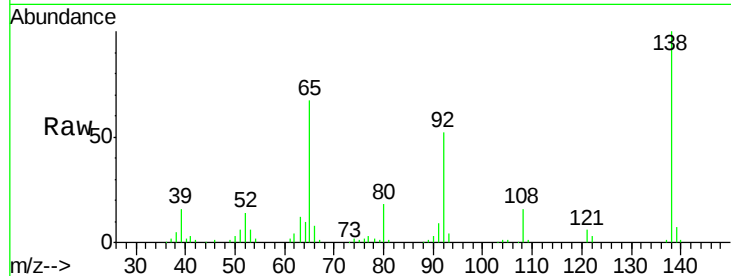




#47
2-Nitroaniline
Concen: 40.82 ng
RT: 9.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

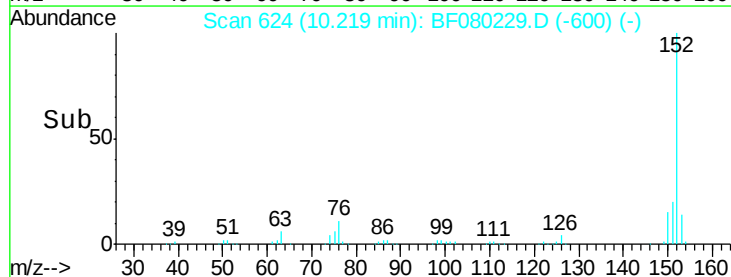
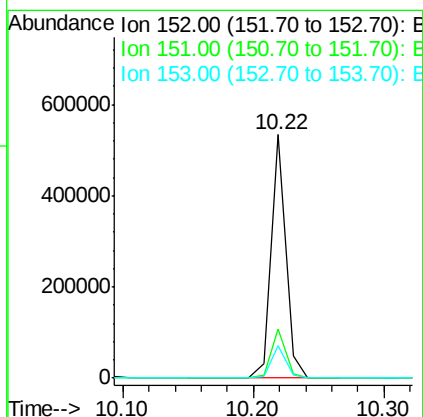
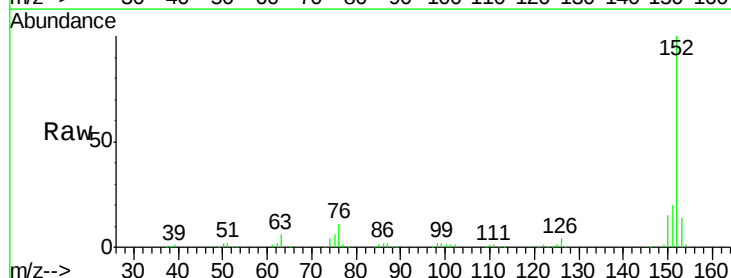
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

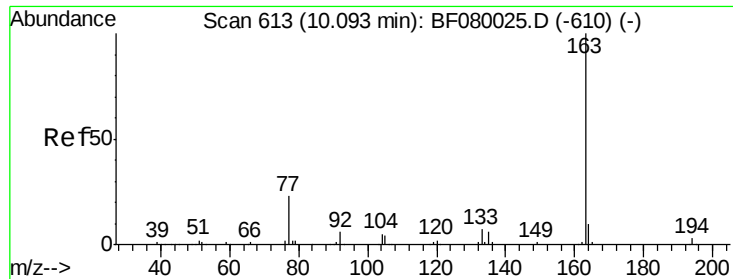
Tgt Ion: 65 Resp: 68896
Ion Ratio Lower Upper
65 100
92 77.8 55.4 83.0
138 148.3 115.5 173.3



#48
Acenaphthylene
Concen: 41.38 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion: 152 Resp: 424691
Ion Ratio Lower Upper
152 100
151 20.4 14.6 22.0
153 13.5 10.3 15.5

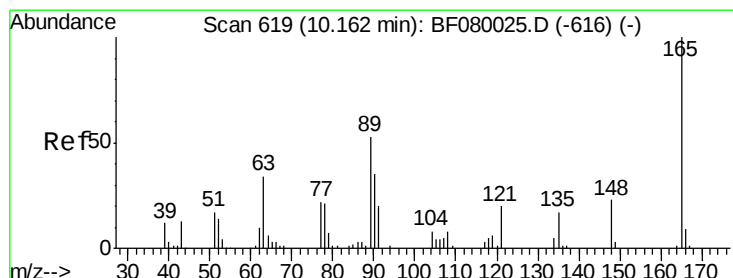
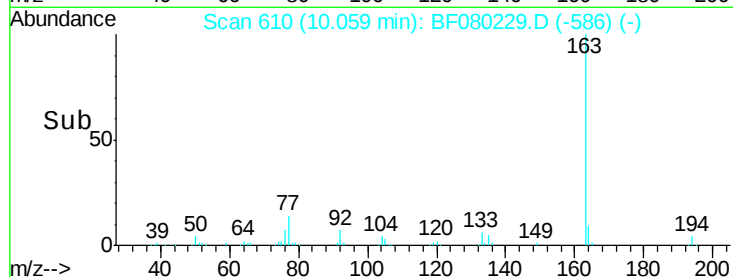
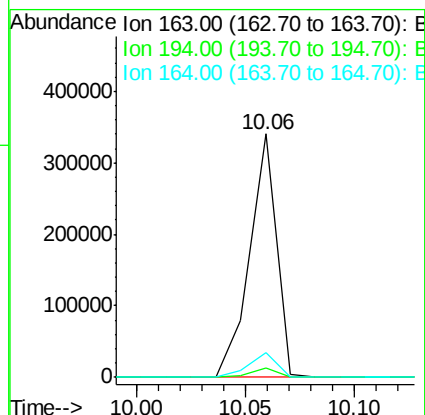
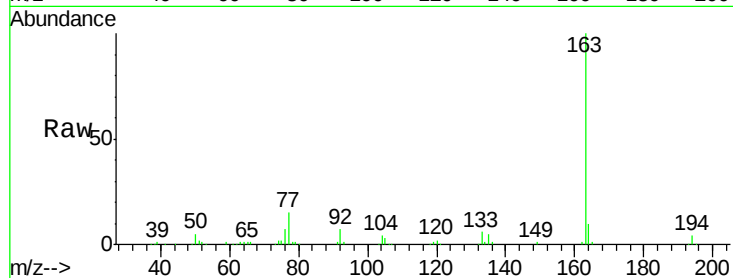




#49
Dimethylphthalate
Concen: 41.58 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

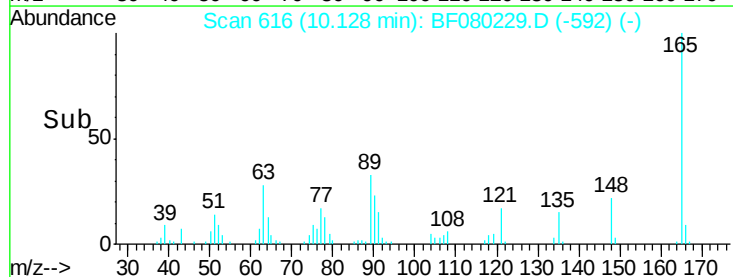
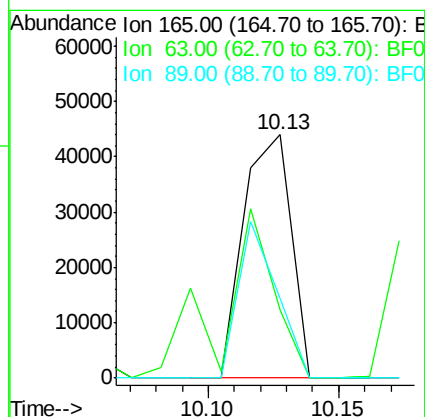
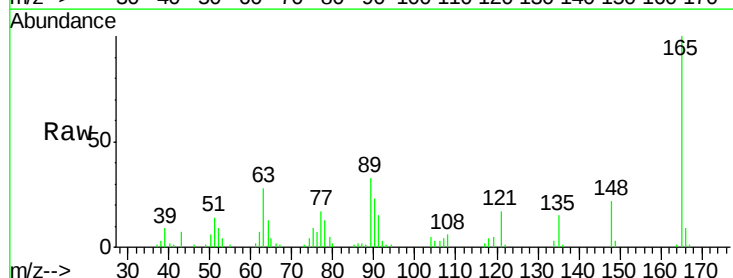
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

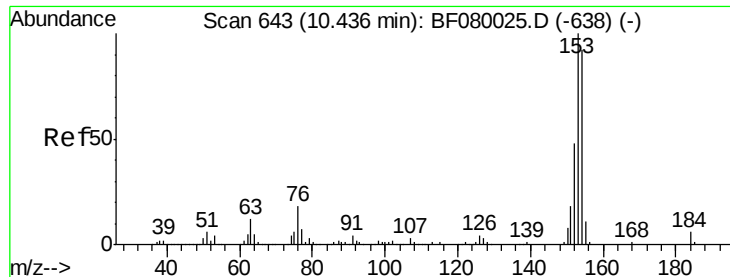
Tgt Ion:163 Resp: 291150
Ion Ratio Lower Upper
163 100
194 3.9 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 40.01 ng
RT: 10.13 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:165 Resp: 56175
Ion Ratio Lower Upper
165 100
63 28.0 32.3 48.5#
89 33.0 28.6 43.0





#51

Acenaphthene

Concen: 38.47 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

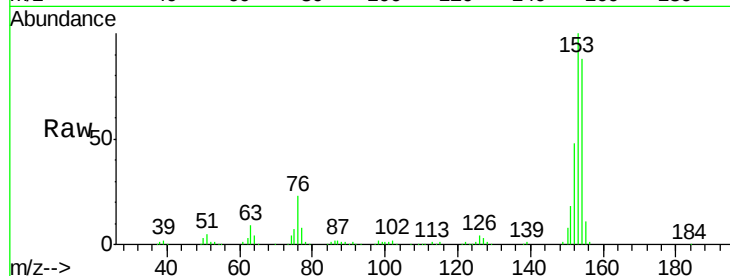
Tgt Ion:154 Resp: 241531

Ion Ratio Lower Upper

154 100

153 113.5 82.1 123.1

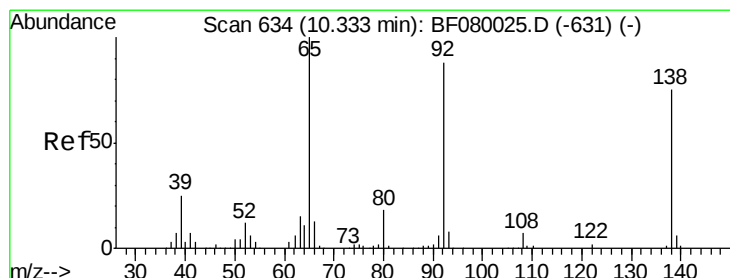
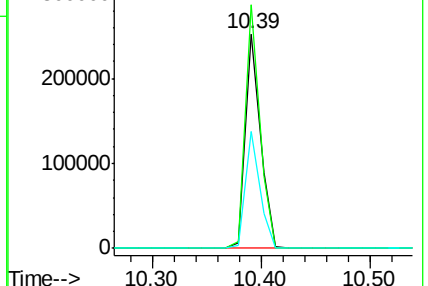
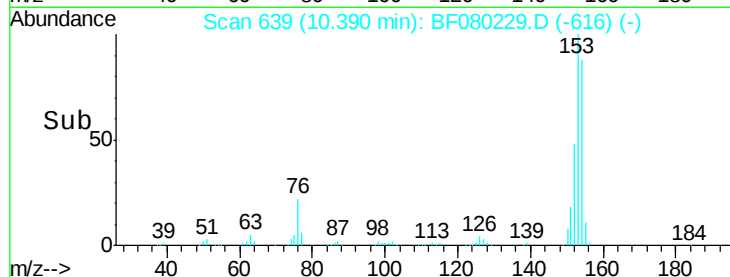
152 54.6 37.9 56.9



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: 43.05 ng

RT: 10.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

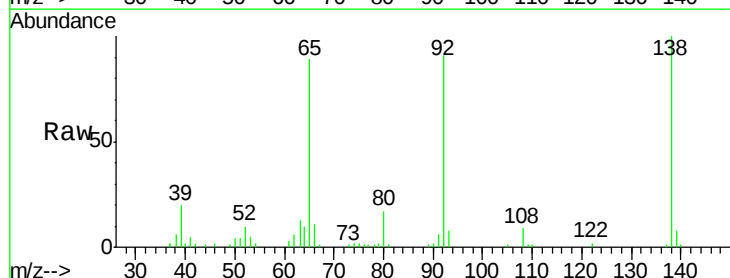
Tgt Ion:138 Resp: 69728

Ion Ratio Lower Upper

138 100

108 8.6 5.7 8.5#

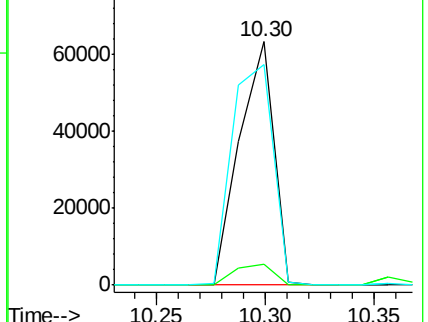
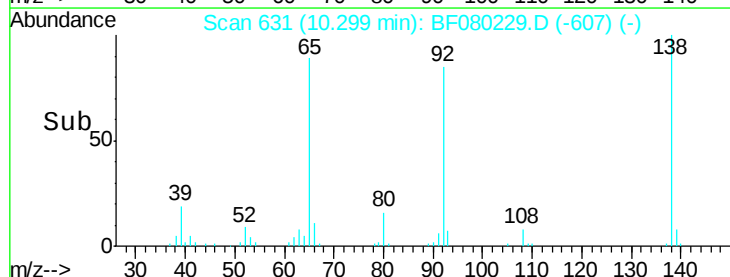
92 90.8 67.7 101.5

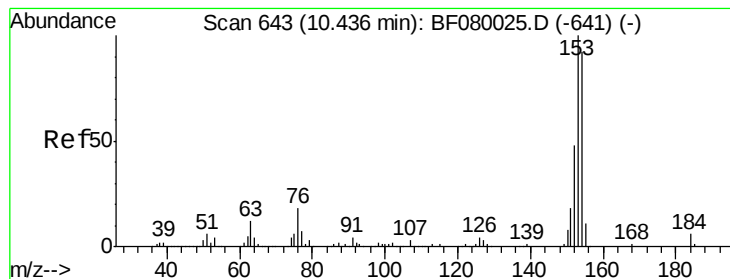


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 41.47 ng

RT: 10.40 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

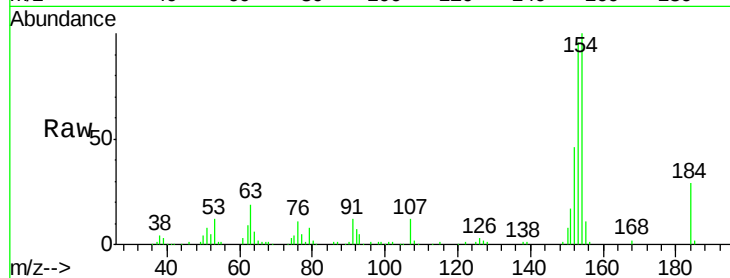
Tgt Ion:184 Resp: 21965

Ion Ratio Lower Upper

184 100

63 66.7 35.4 53.2#

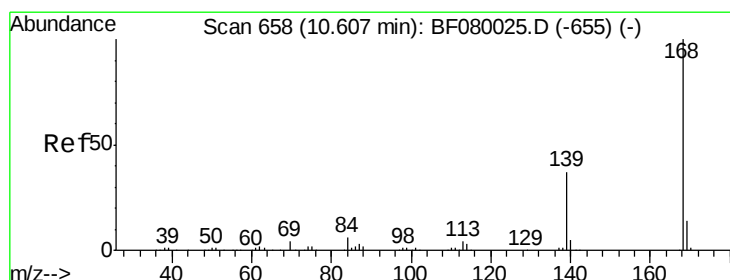
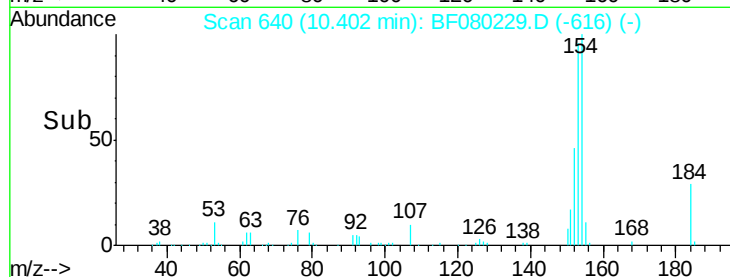
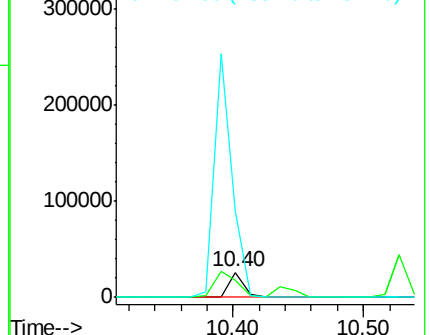
154 344.5 32.2 48.4#



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: 38.67 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

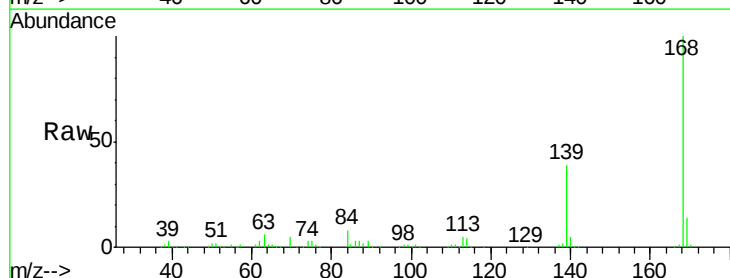
Tgt Ion:168 Resp: 344524

Ion Ratio Lower Upper

168 100

139 39.1 24.2 36.2#

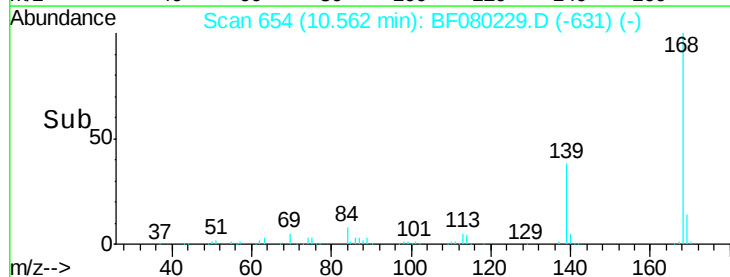
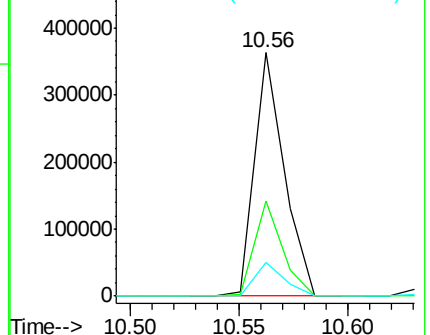
169 13.8 10.6 15.8



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

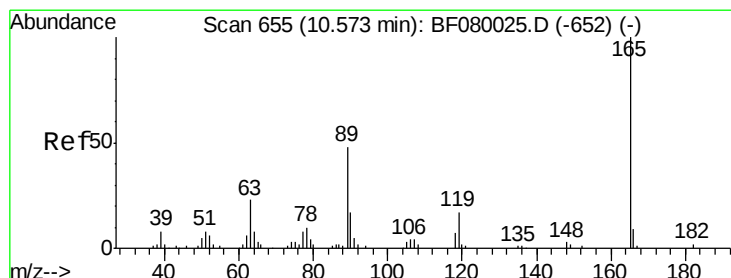
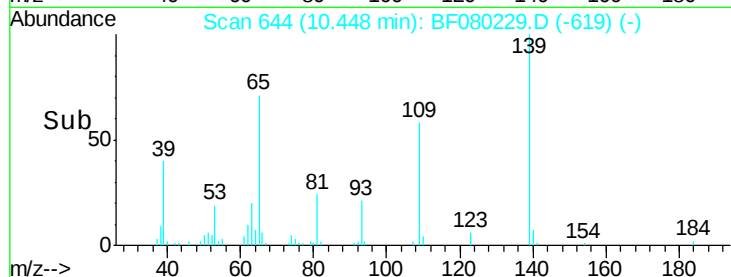
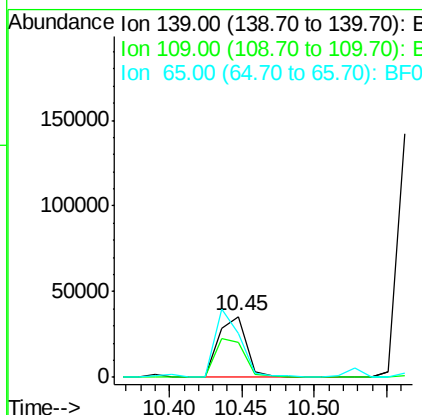
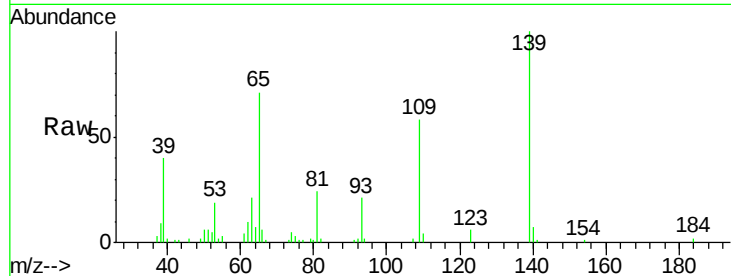




#55
4-Nitrophenol
Concen: 37.08 ng
RT: 10.45 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

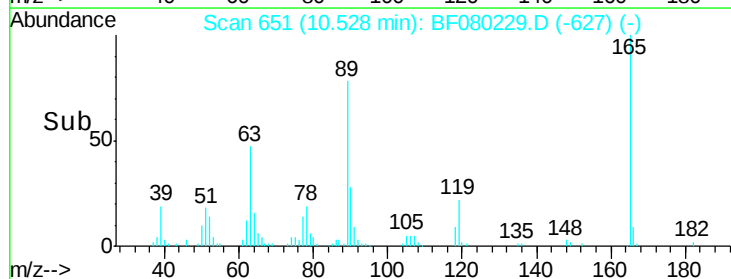
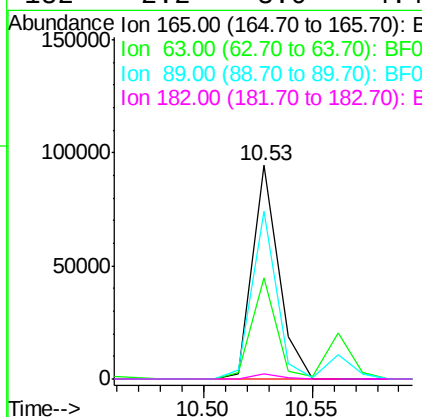
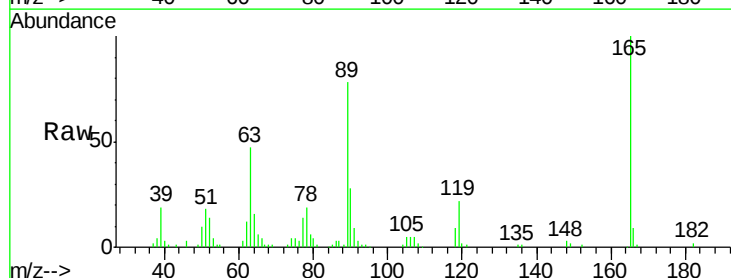
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

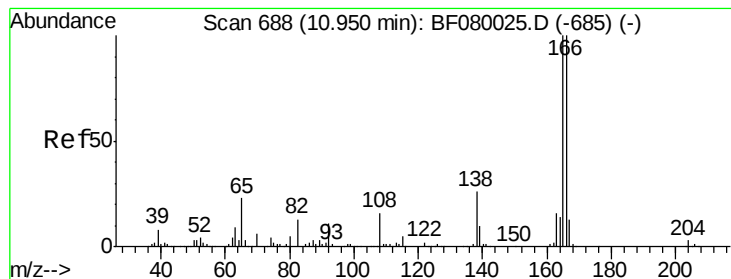
Tgt Ion:139 Resp: 48008
Ion Ratio Lower Upper
139 100
109 57.9 12.7 52.7#
65 71.0 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 44.61 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:165 Resp: 79462
Ion Ratio Lower Upper
165 100
63 47.1 29.8 44.6#
89 78.5 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 40.66 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

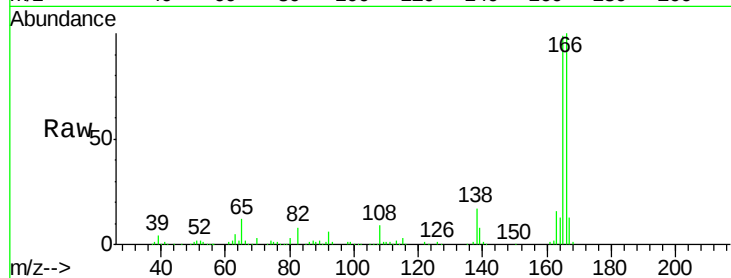
Tgt Ion:166 Resp: 287452

Ion Ratio Lower Upper

166 100

165 98.7 72.6 109.0

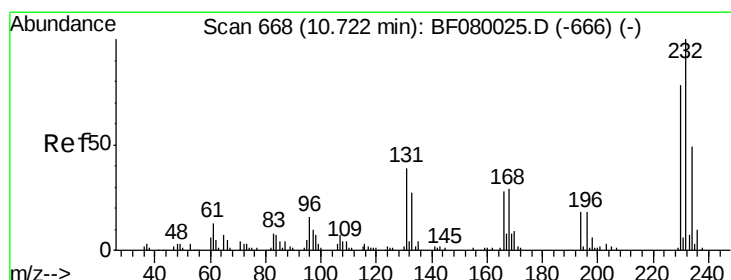
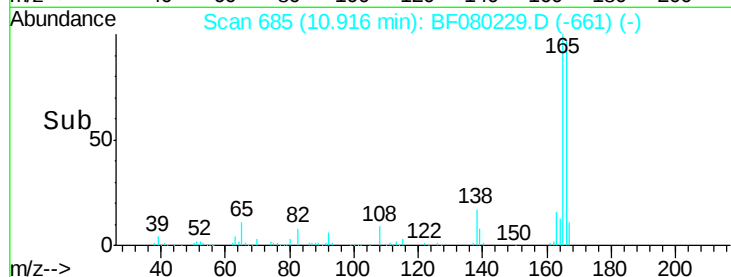
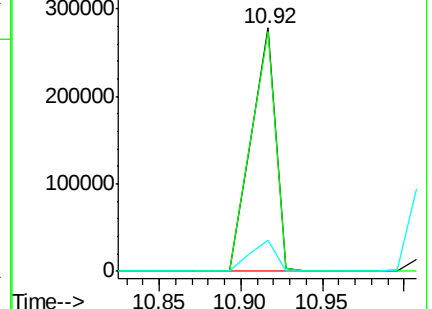
167 12.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.56 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Tgt Ion:232 Resp: 69166

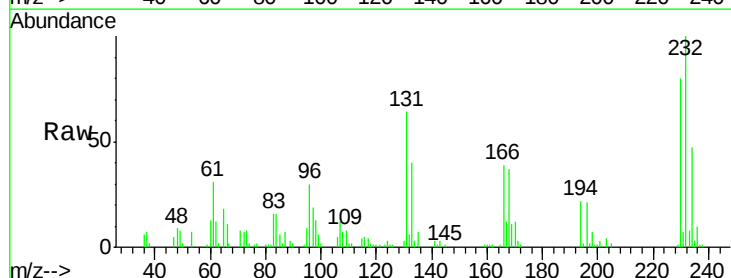
Ion Ratio Lower Upper

232 100

131 44.5 38.5 57.7

130 2.0 1.8 2.6

166 29.3 25.0 37.6

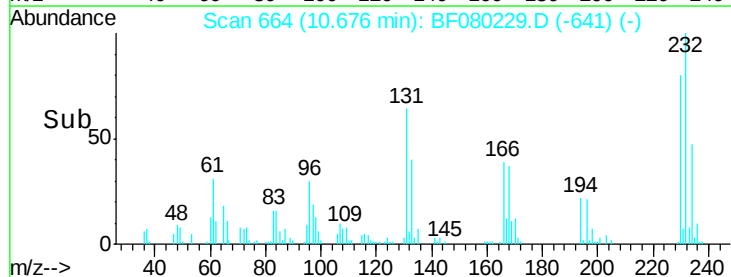
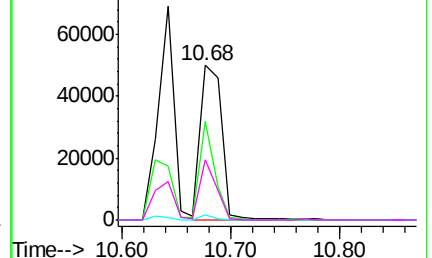


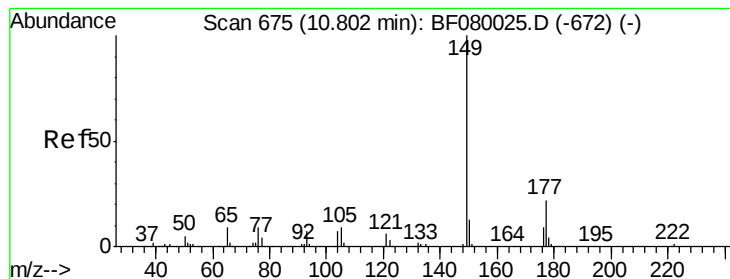
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.45 ng

RT: 10.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

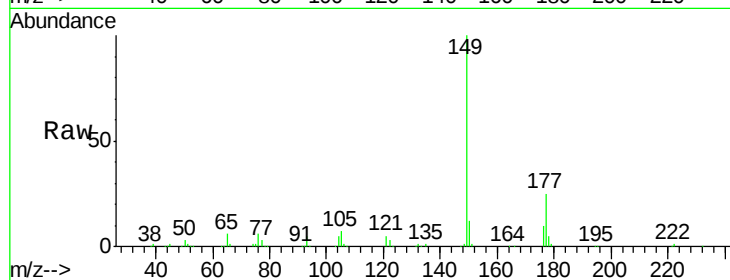
Tgt Ion:149 Resp: 271091

Ion Ratio Lower Upper

149 100

177 25.1 17.5 26.3

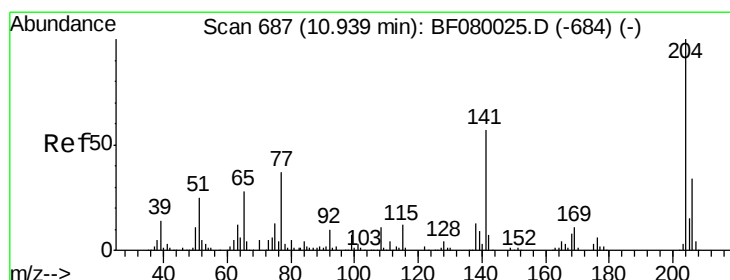
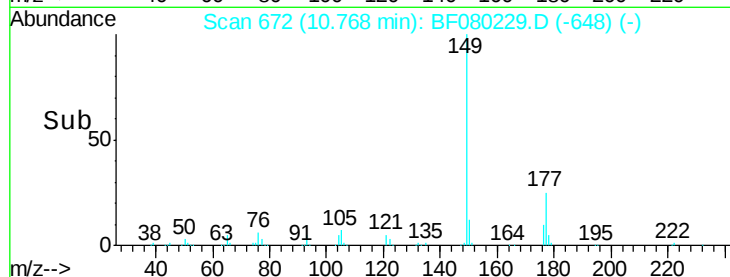
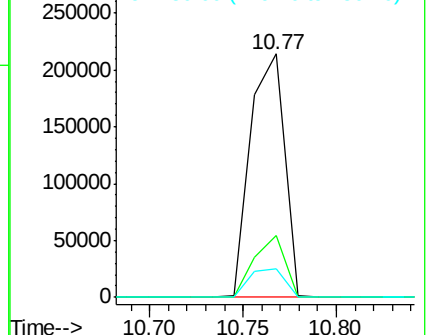
150 11.9 9.4 14.2



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: 38.28 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

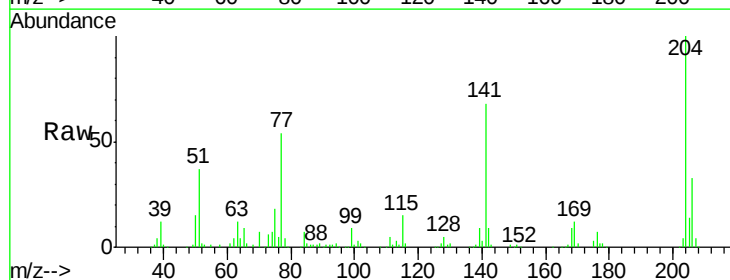
Tgt Ion:204 Resp: 130028

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

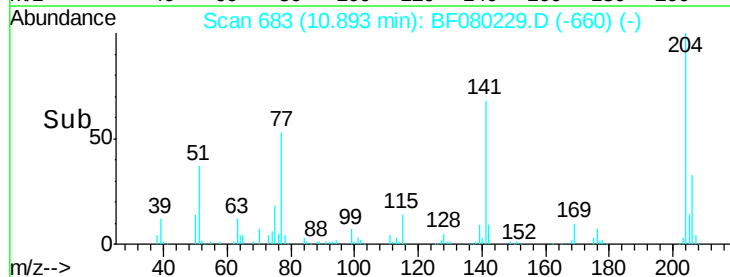
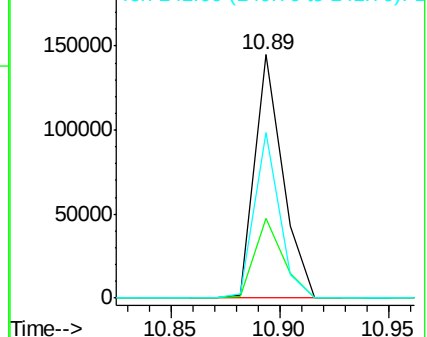
141 68.1 42.2 63.4#



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: 39.89 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

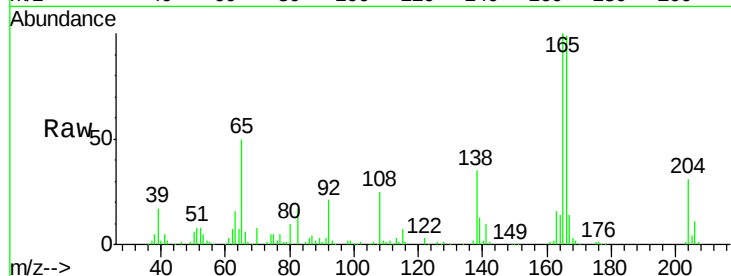
Tgt Ion:138 Resp: 66724

Ion Ratio Lower Upper

138 100

92 58.8 12.6 52.6#

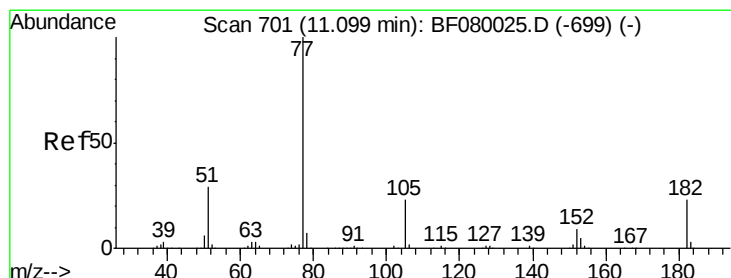
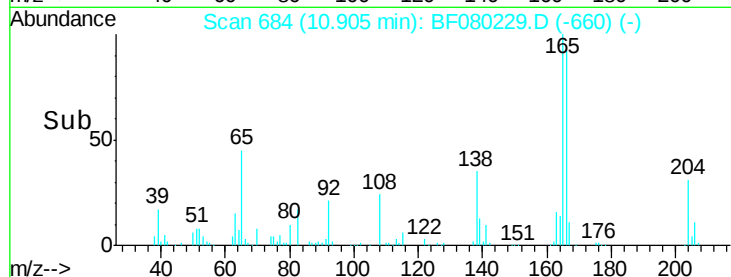
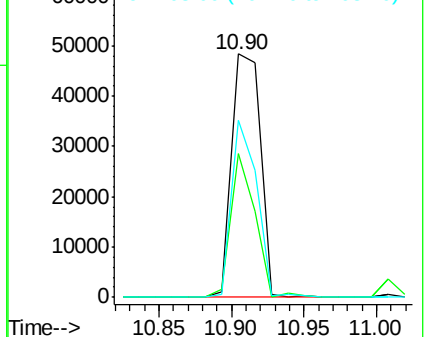
108 72.5 12.4 52.4#



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: 38.17 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Tgt Ion: 77 Resp: 274000

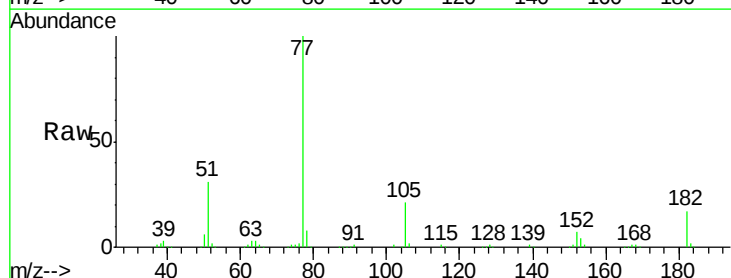
Ion Ratio Lower Upper

77 100

182 16.9 15.1 55.1

105 20.8 3.4 43.4

51 30.9 12.0 52.0

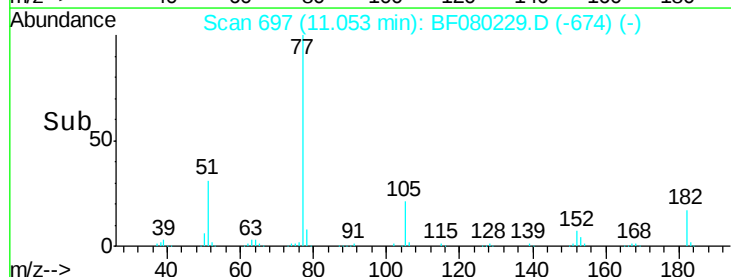
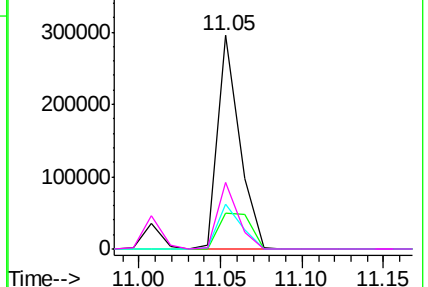


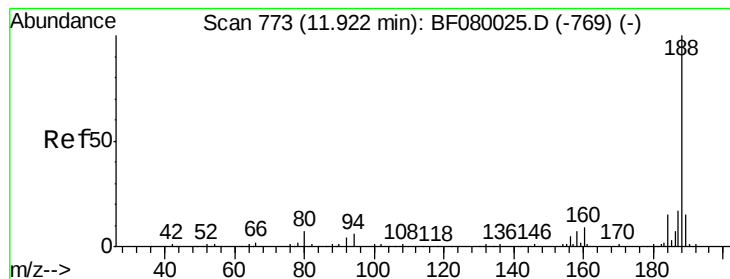
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

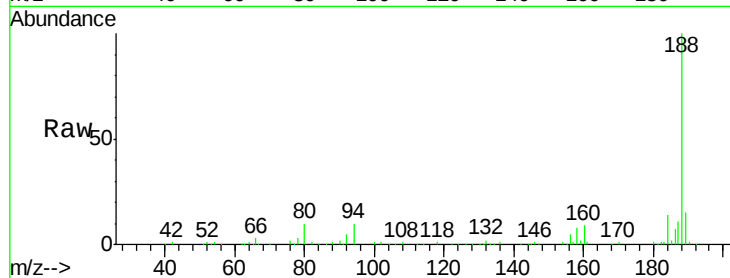
Tgt Ion:188 Resp: 196222

Ion Ratio Lower Upper

188 100

94 9.8 11.1 16.7#

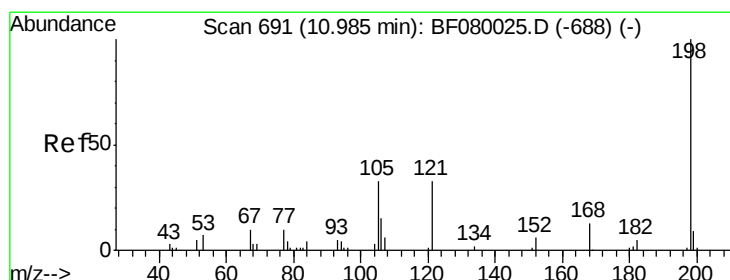
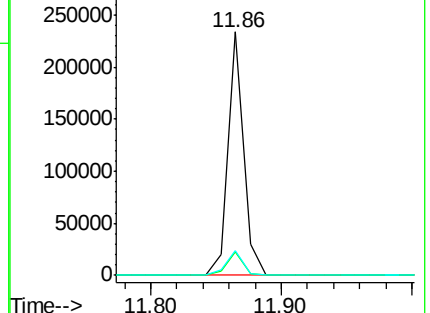
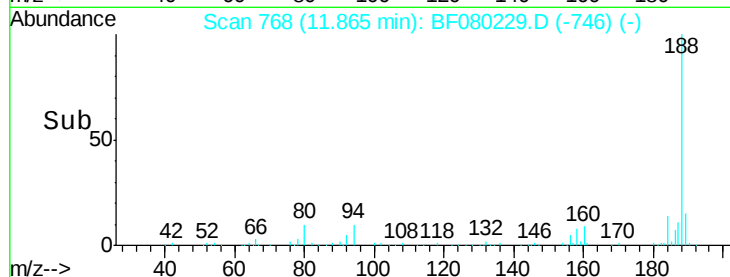
80 10.3 11.0 16.4#



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: 35.91 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

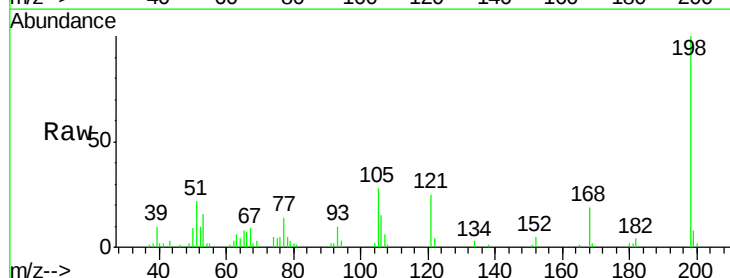
Tgt Ion:198 Resp: 31926

Ion Ratio Lower Upper

198 100

51 22.4 39.6 79.6#

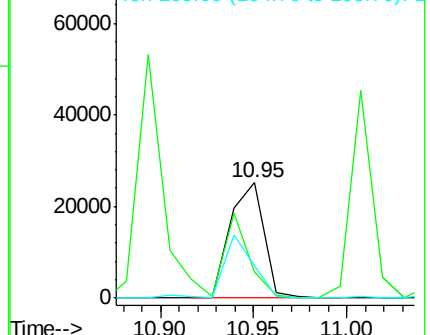
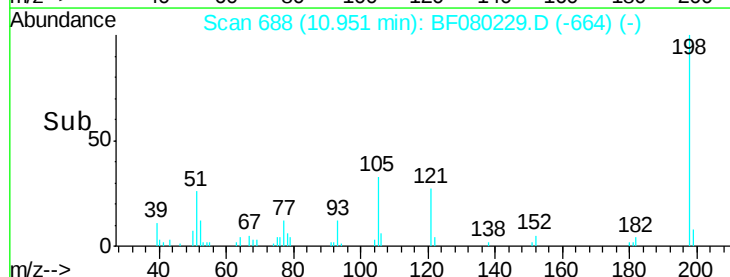
105 28.4 28.5 68.5#

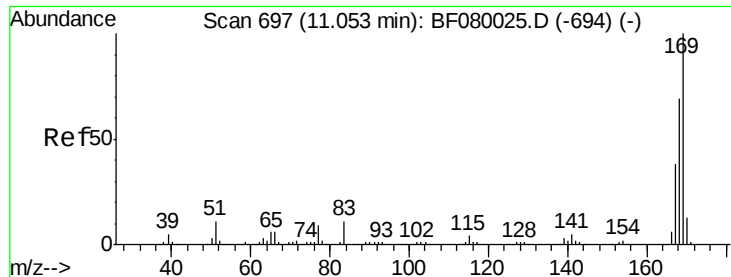


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

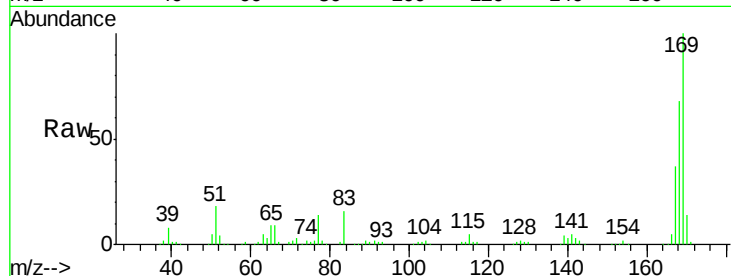




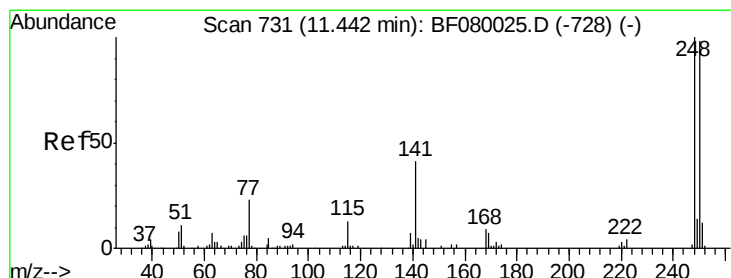
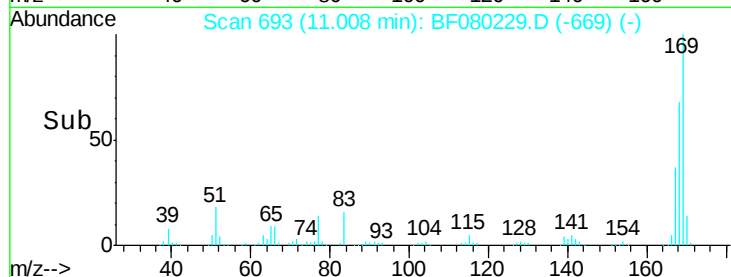
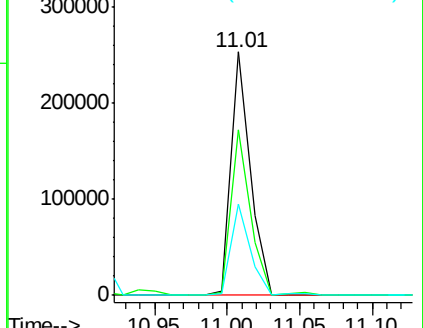
#65
 n-Nitrosodiphenylamine
 Concen: 36.80 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:169 Resp: 235168
 Ion Ratio Lower Upper
 169 100
 168 67.8 48.9 73.3
 167 37.3 26.2 39.4

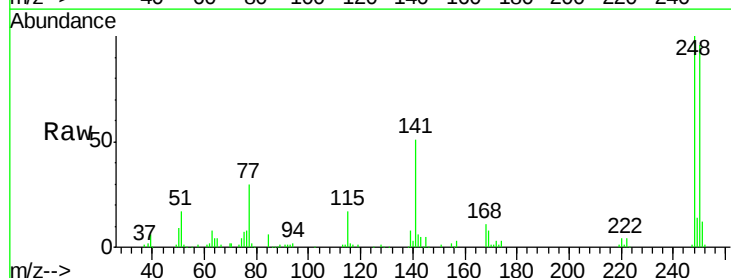


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

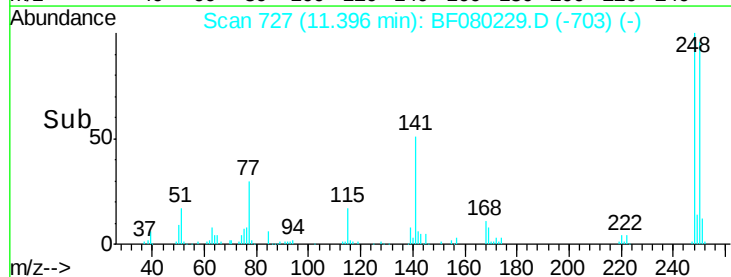
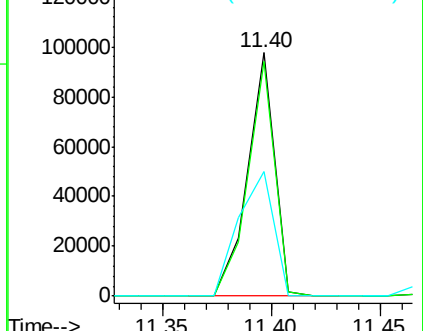


#66
 4-Bromophenyl-phenylether
 Concen: 40.29 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:248 Resp: 84068
 Ion Ratio Lower Upper
 248 100
 250 96.3 78.5 117.7
 141 51.2 59.0 88.6#



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

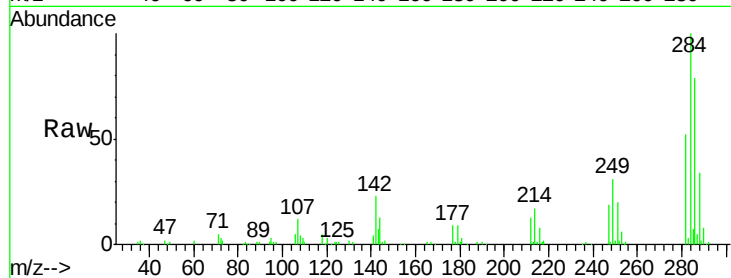




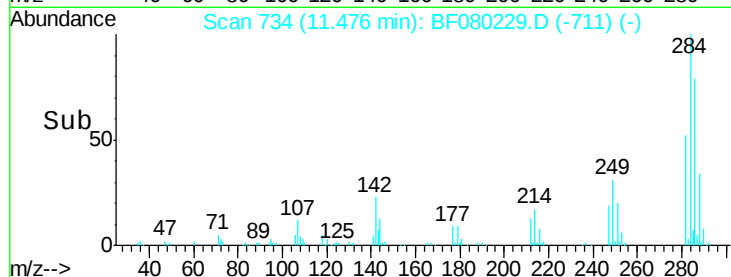
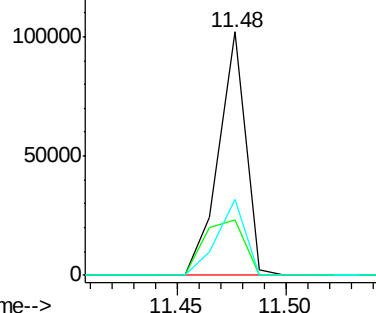
#67
Hexachlorobenzene
Concen: 38.04 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 88203
Ion Ratio Lower Upper
284 100
142 22.8 29.5 44.3#
249 31.1 19.5 29.3#

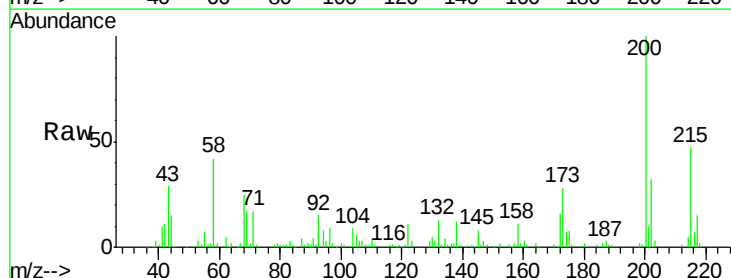


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

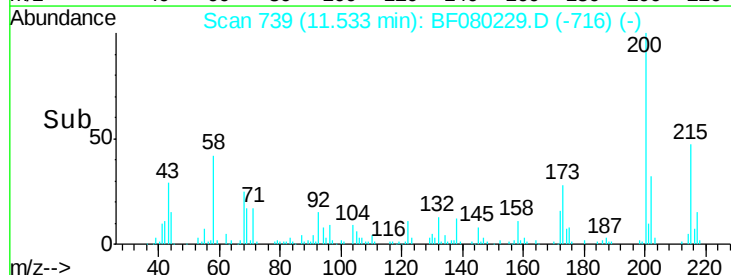
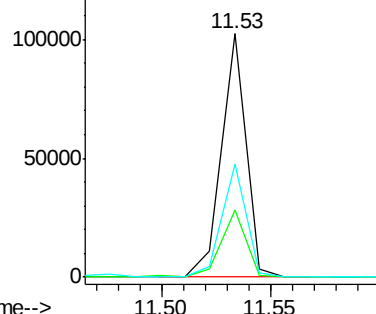


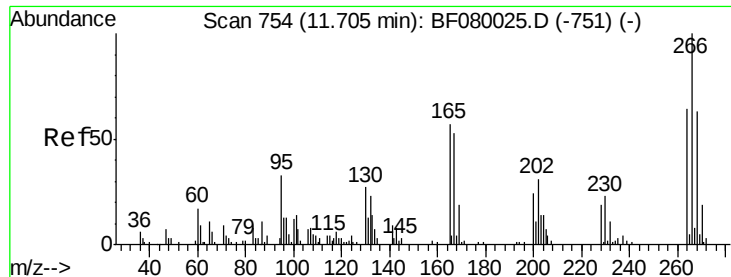
#68
Atrazine
Concen: 39.79 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion:200 Resp: 80333
Ion Ratio Lower Upper
200 100
173 27.6 13.2 53.2
215 46.6 41.8 81.8



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

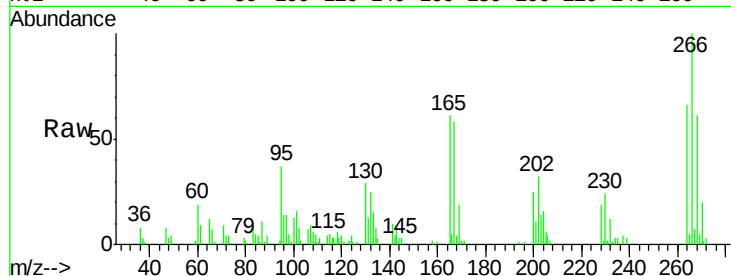




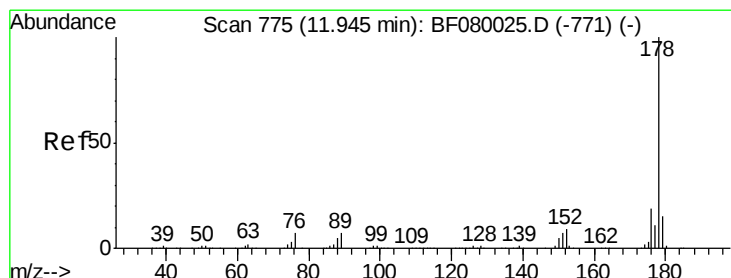
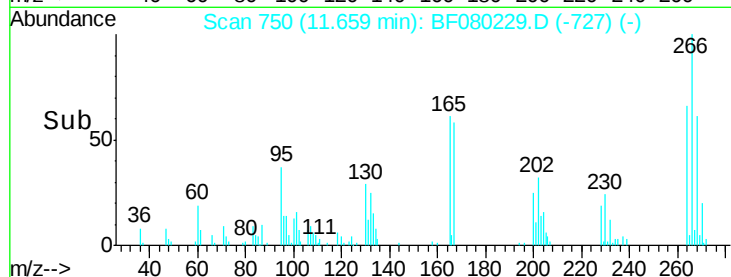
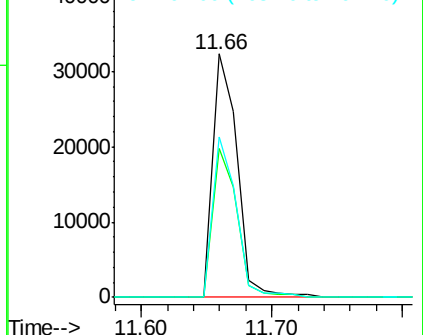
#69
 Pentachlorophenol
 Concen: 32.22 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:266 Resp: 42341
 Ion Ratio Lower Upper
 266 100
 268 61.2 49.8 74.6
 264 65.7 50.2 75.2

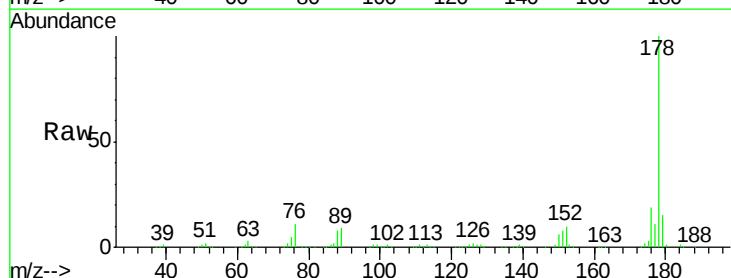


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

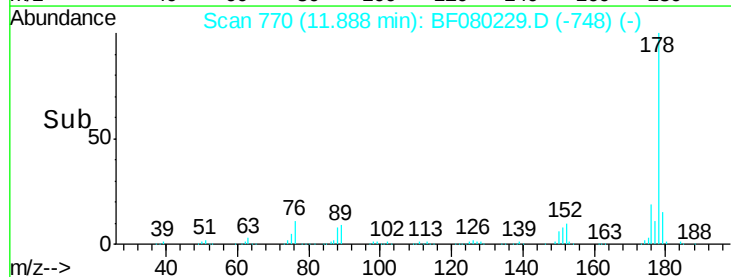
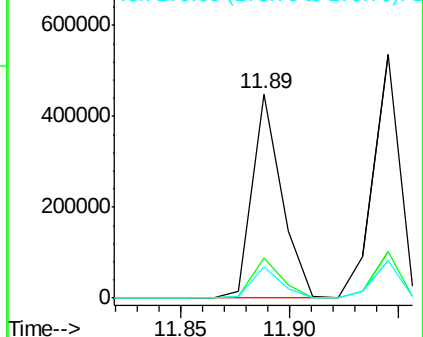


#70
 Phenanthrene
 Concen: 35.66 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:178 Resp: 423669
 Ion Ratio Lower Upper
 178 100
 176 19.3 13.8 20.8
 179 15.5 12.2 18.2



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

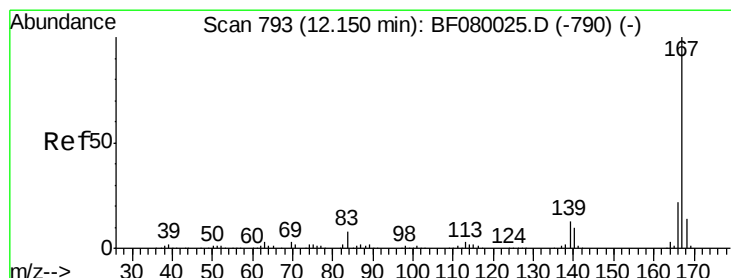
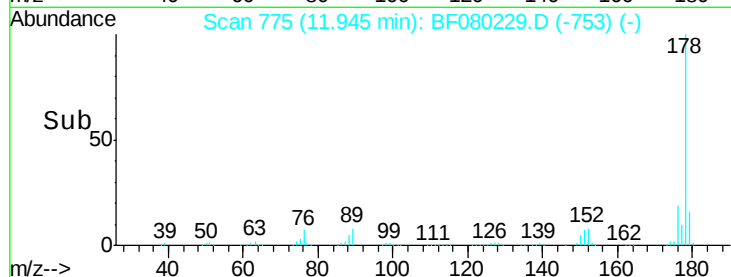
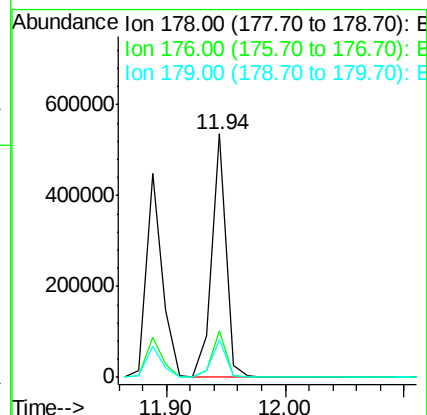
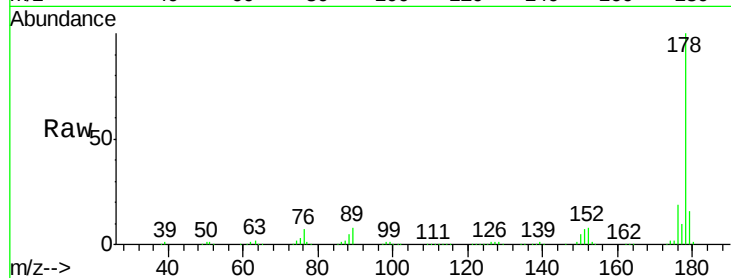




#71
 Anthracene
 Concen: 39.50 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

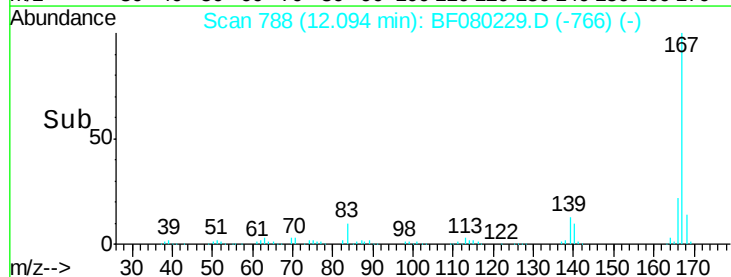
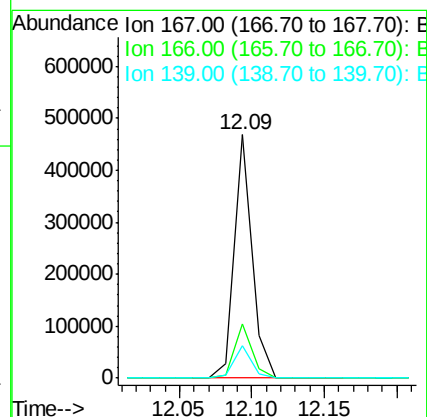
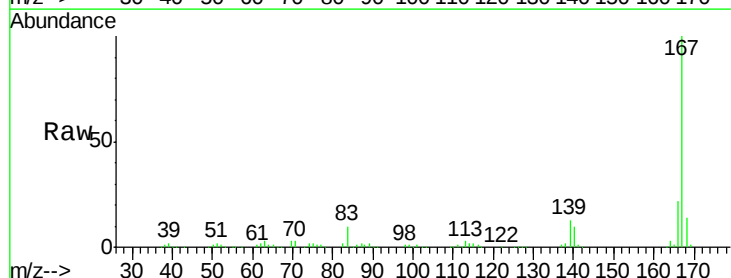
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

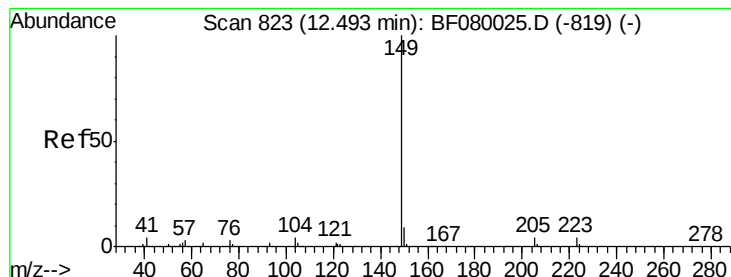
Tgt Ion:178 Resp: 451792
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.1 21.1
 179 15.6 12.2 18.2



#72
 Carbazole
 Concen: 36.53 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:167 Resp: 398916
 Ion Ratio Lower Upper
 167 100
 166 22.1 15.7 23.5
 139 13.1 9.5 14.3





#73

Di-n-butylphthalate

Concen: 35.95 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.06 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

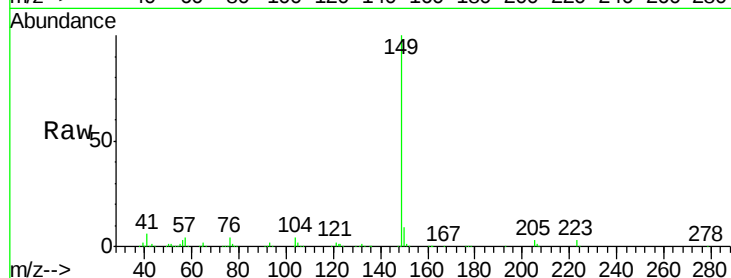
Tgt Ion:149 Resp: 453626

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

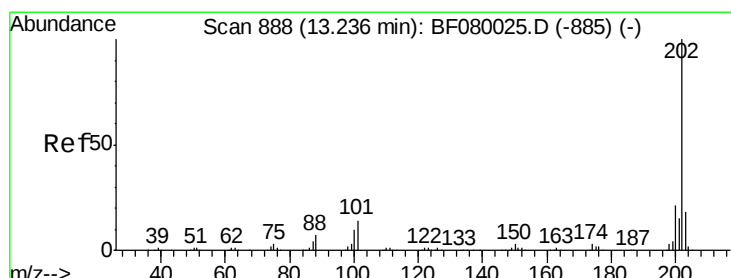
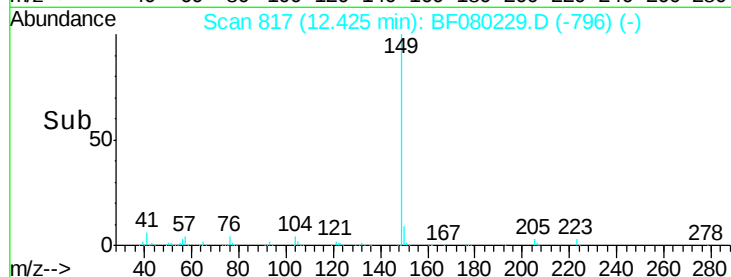
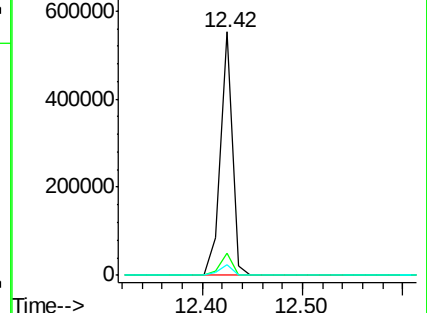
104 4.2 2.4 3.6#



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: 37.41 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.09 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

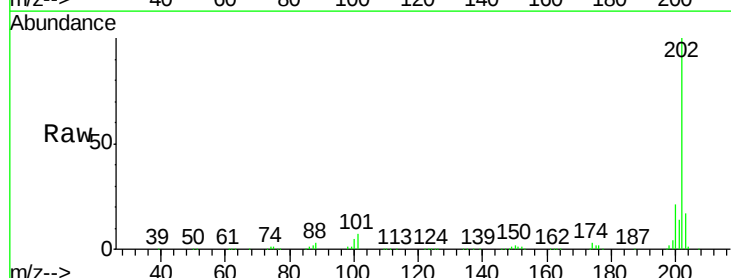
Tgt Ion:202 Resp: 473326

Ion Ratio Lower Upper

202 100

101 7.3 0.0 38.3

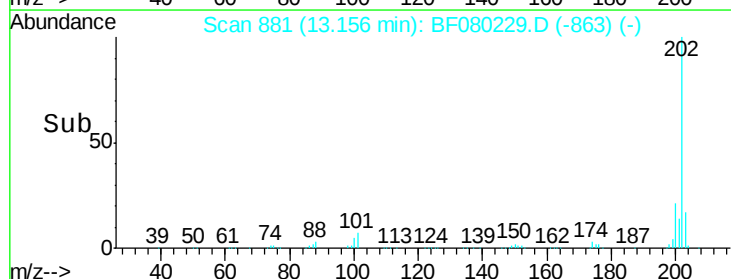
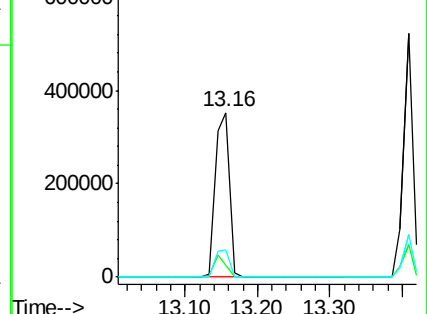
203 16.7 0.0 37.3

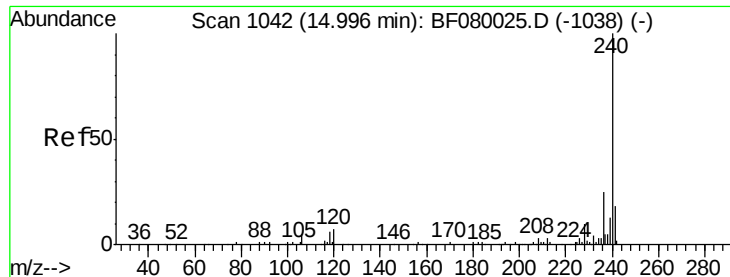


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.84 min Scan# 1028

Delta R.T. -0.16 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

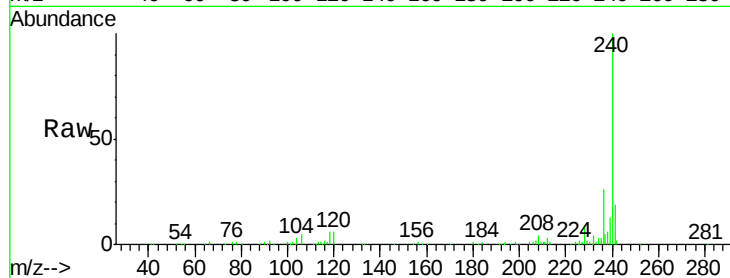
Tgt Ion:240 Resp: 199327

Ion Ratio Lower Upper

240 100

120 6.3 16.2 24.2#

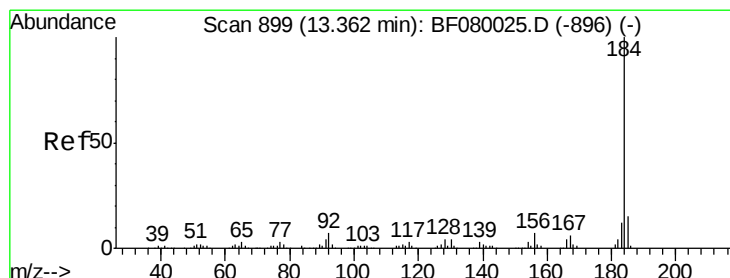
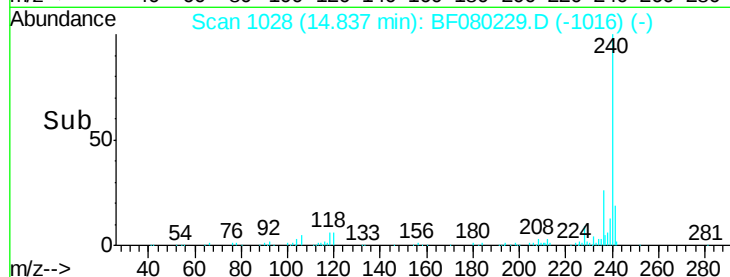
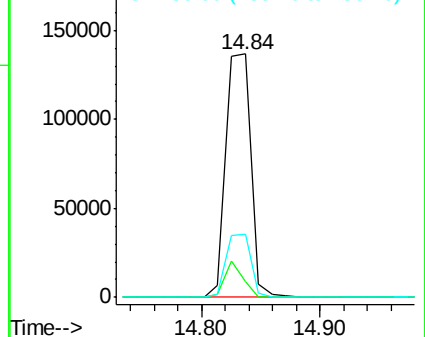
236 25.8 18.4 27.6



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: 44.88 ng

RT: 13.27 min Scan# 891

Delta R.T. -0.09 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

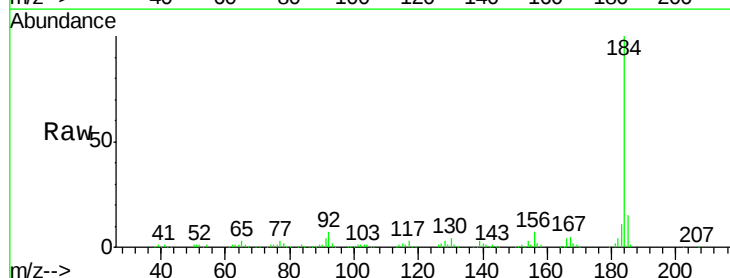
Tgt Ion:184 Resp: 250042

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

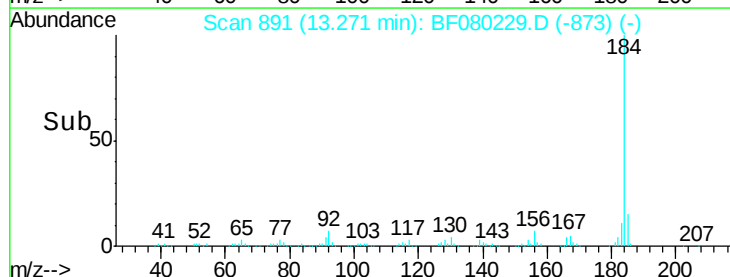
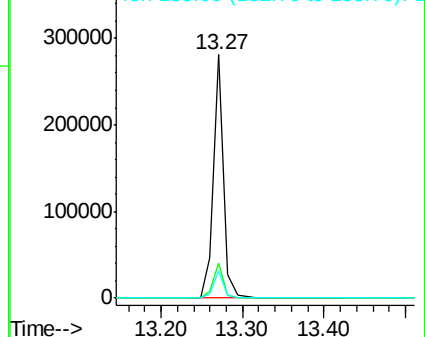
183 11.3 7.6 11.4

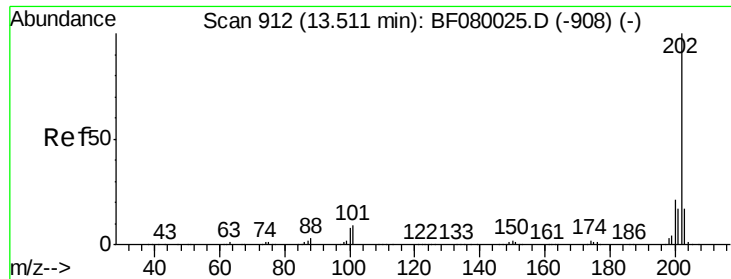


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

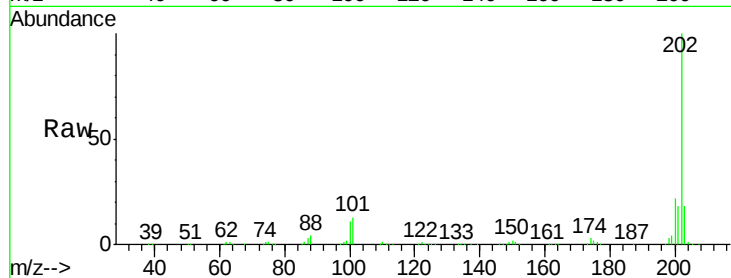




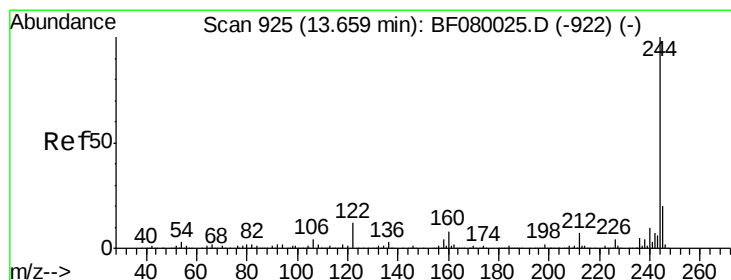
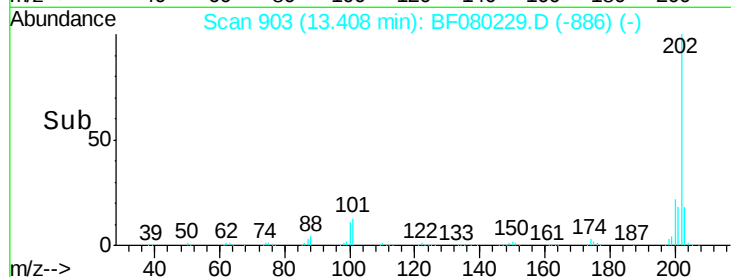
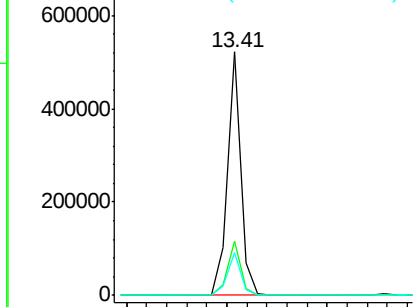
#77
 Pyrene
 Concen: 39.44 ng
 RT: 13.41 min Scan# 903
 Delta R.T. -0.10 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 484004
 Ion Ratio Lower Upper
 202 100
 200 22.0 15.0 22.4
 203 17.7 14.1 21.1

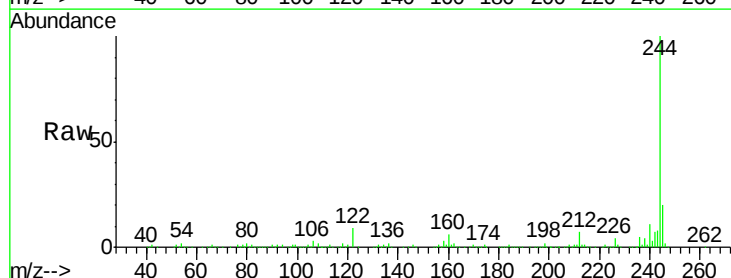


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

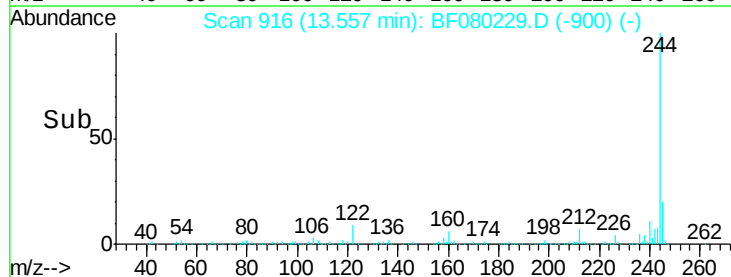
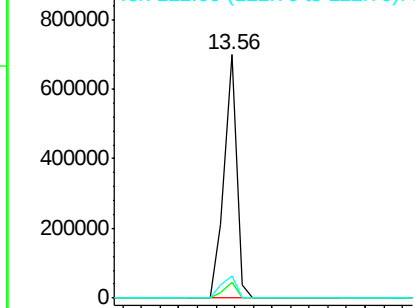


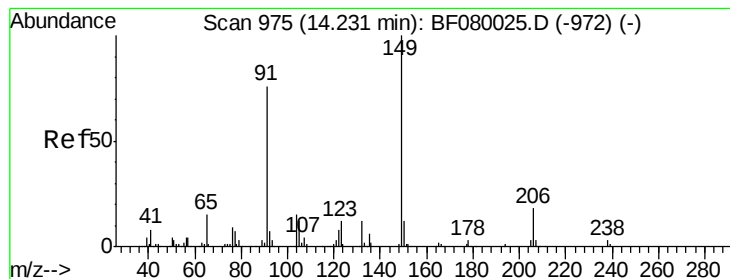
#78
 Terphenyl-d14
 Concen: 76.90 ng
 RT: 13.56 min Scan# 916
 Delta R.T. -0.11 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion: 244 Resp: 656287
 Ion Ratio Lower Upper
 244 100
 212 6.6 4.3 6.5#
 122 9.2 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.19 ng

RT: 14.11 min Scan# 964

Delta R.T. -0.14 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

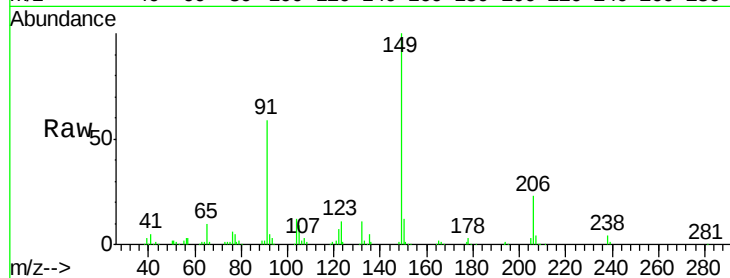
Tgt Ion:149 Resp: 193151

Ion Ratio Lower Upper

149 100

91 59.5 48.6 72.8

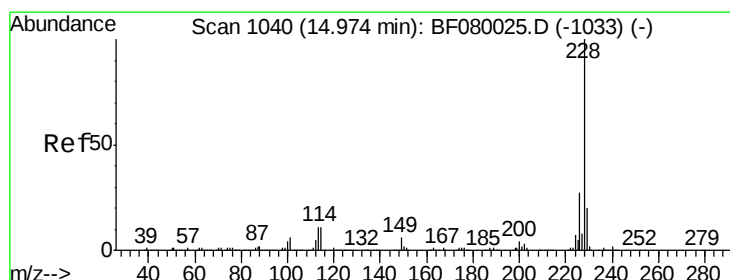
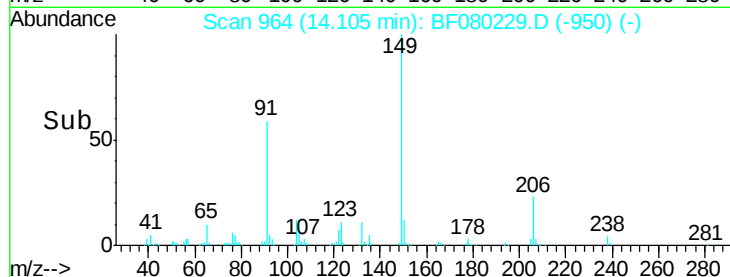
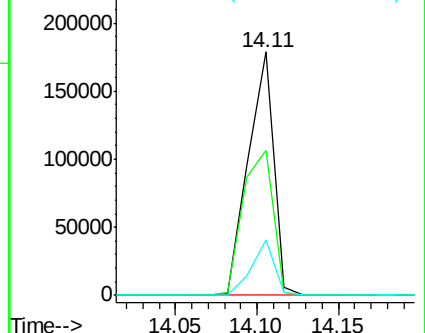
206 22.7 14.9 22.3#



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: 38.62 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.17 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

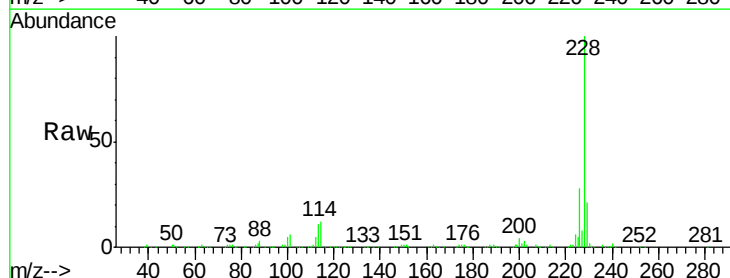
Tgt Ion:228 Resp: 469011

Ion Ratio Lower Upper

228 100

226 27.7 20.0 30.0

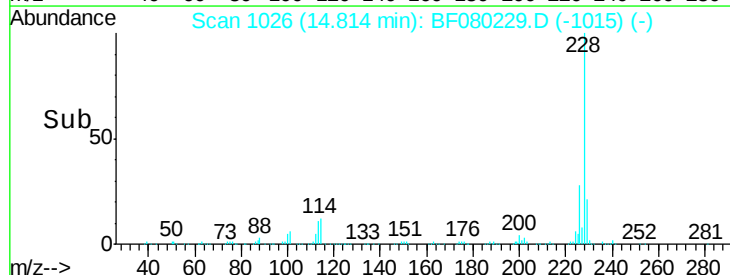
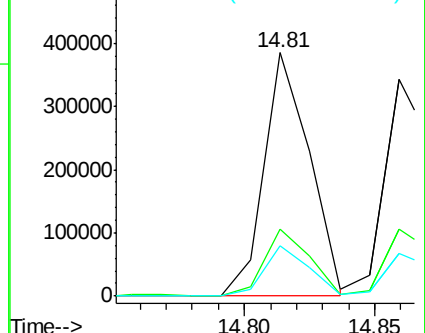
229 20.5 15.4 23.2



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

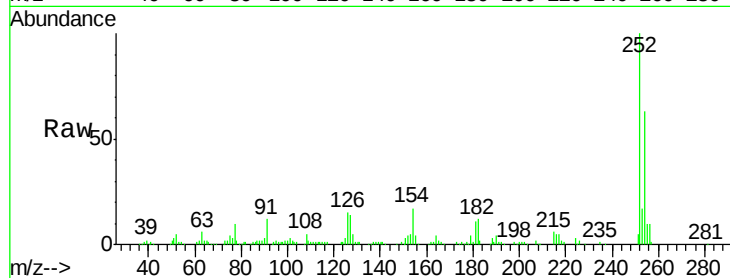




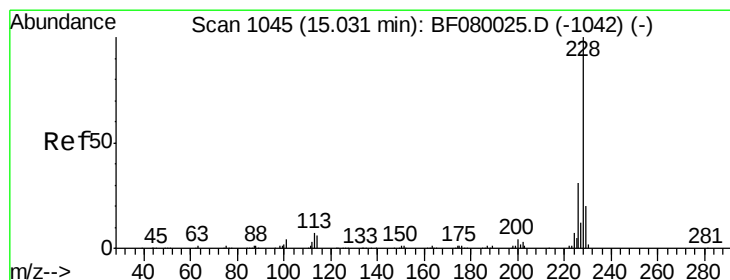
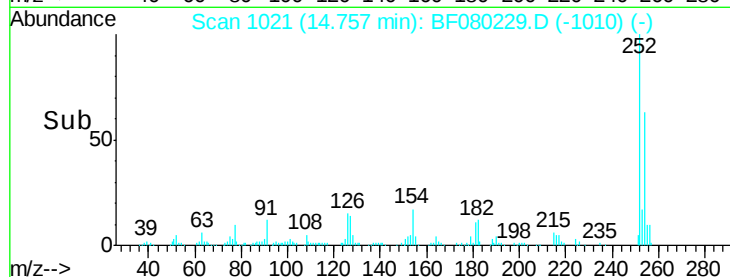
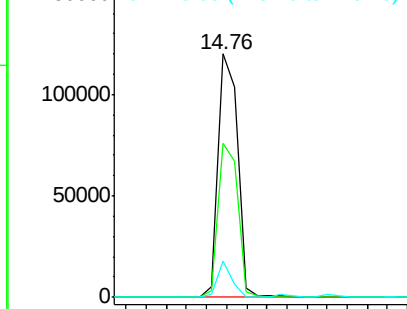
#81
 3,3'-Dichlorobenzidine
 Concen: 38.93 ng
 RT: 14.76 min Scan# 1021
 Delta R.T. -0.17 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:252 Resp: 163033
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.4 77.2
 126 14.7 16.4 24.6#

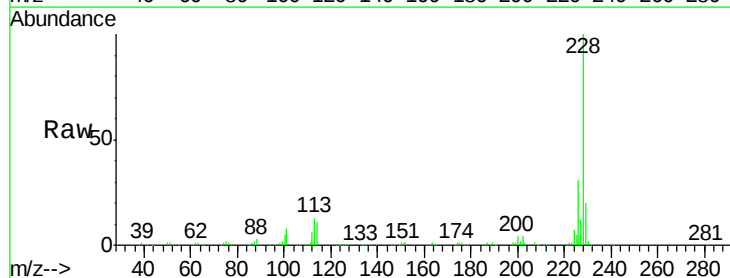


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

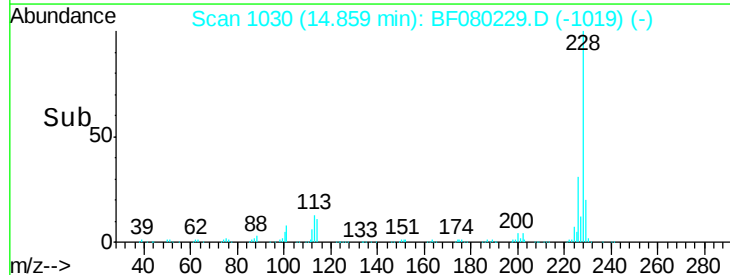
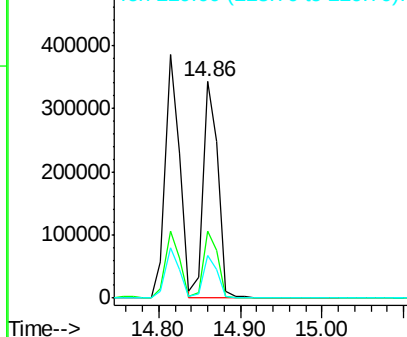


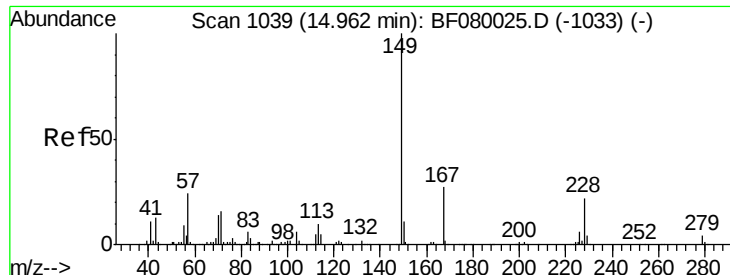
#82
 Chrysene
 Concen: 39.40 ng
 RT: 14.86 min Scan# 1030
 Delta R.T. -0.17 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:228 Resp: 441217
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.0 31.4
 229 19.7 15.6 23.4



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

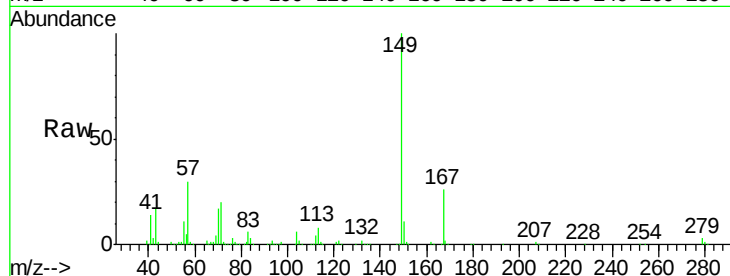




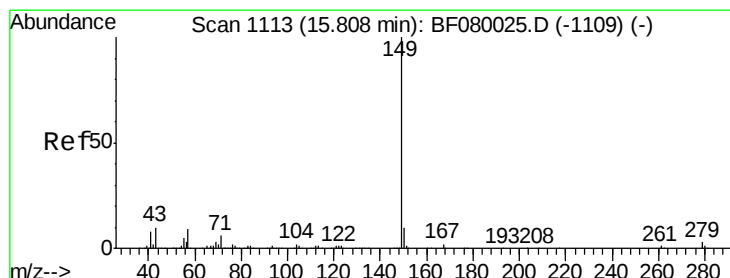
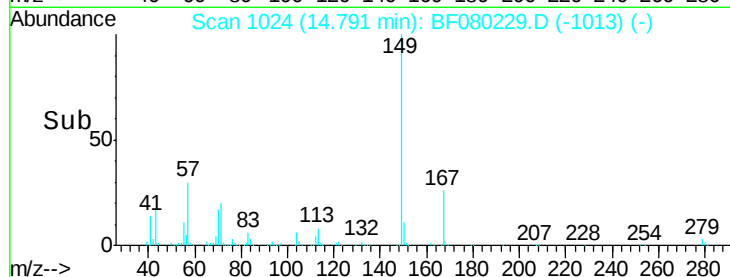
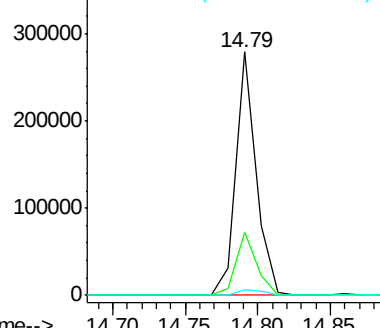
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.82 ng
 RT: 14.79 min Scan# 1024
 Delta R.T. -0.17 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 271248
 Ion Ratio Lower Upper
 149 100
 167 26.0 24.2 36.2
 279 2.5 3.8 5.6#

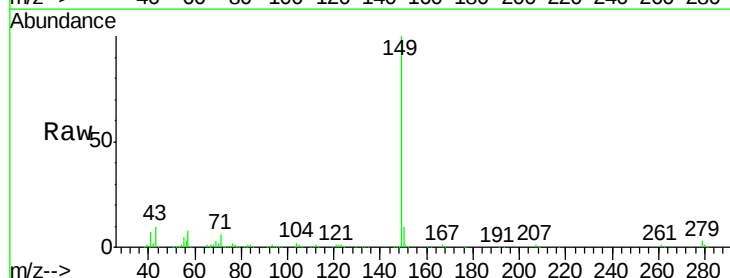


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

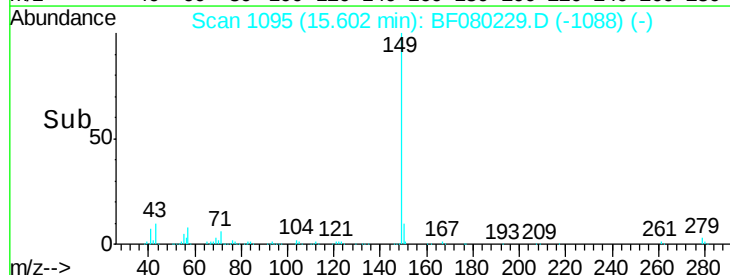
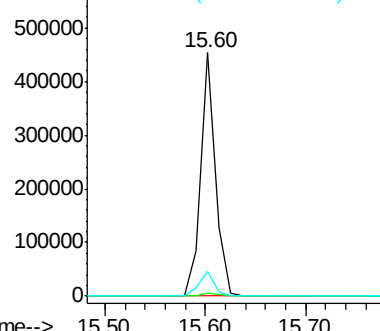


#84
 Di-n-octyl phthalate
 Concen: 34.79 ng
 RT: 15.60 min Scan# 1095
 Delta R.T. -0.22 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Tgt Ion:149 Resp: 464317
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 11.1 10.2 15.2



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

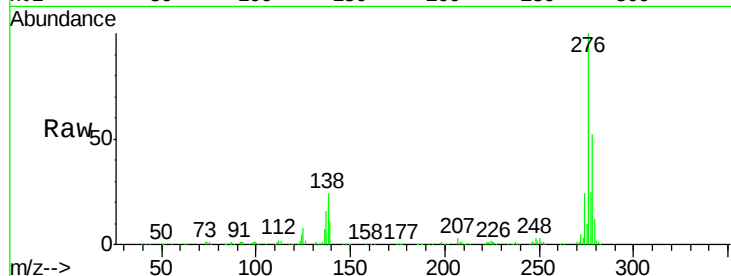




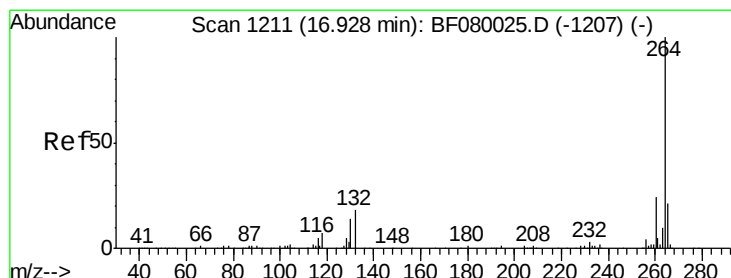
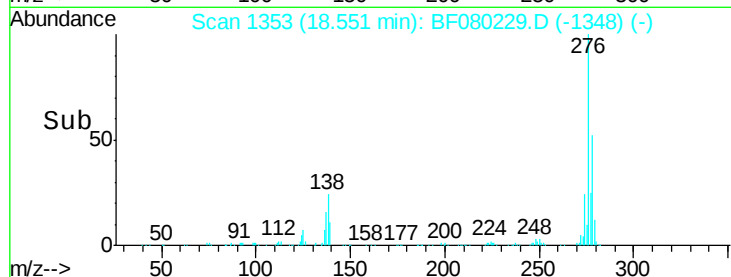
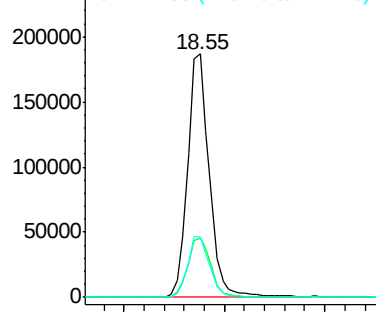
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.68 ng
RT: 18.55 min Scan# 1353
Delta R.T. -0.24 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	25.7	38.5
277	25.3	15.6	23.4#

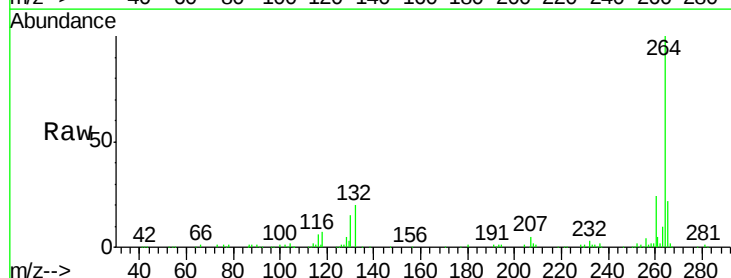


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

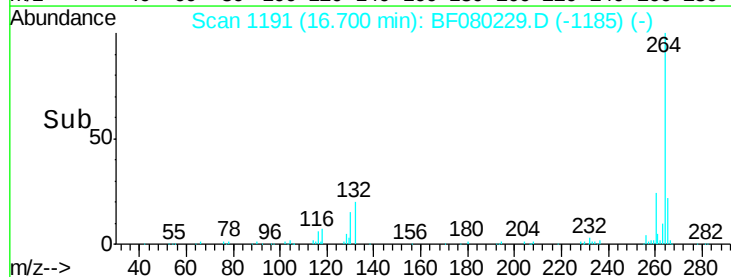
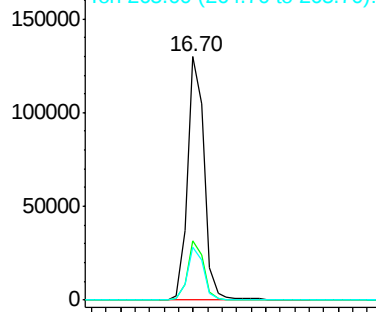


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.70 min Scan# 1191
Delta R.T. -0.23 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.8	17.2	25.8



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

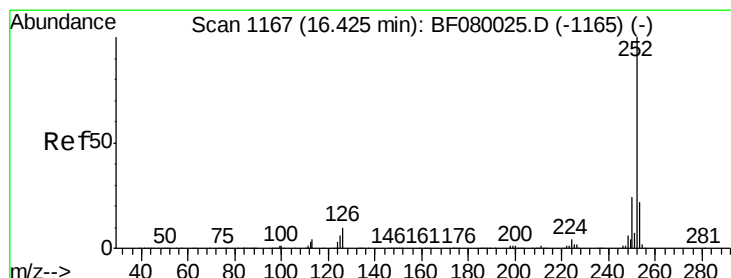
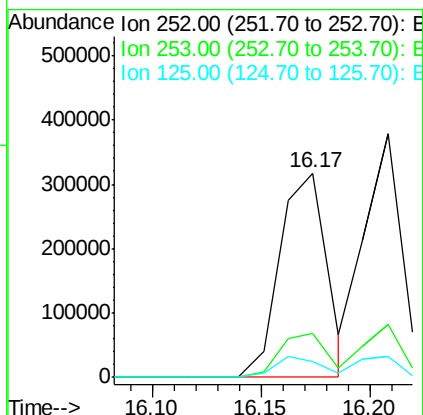
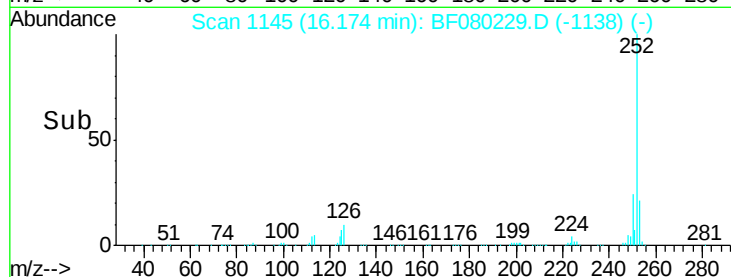
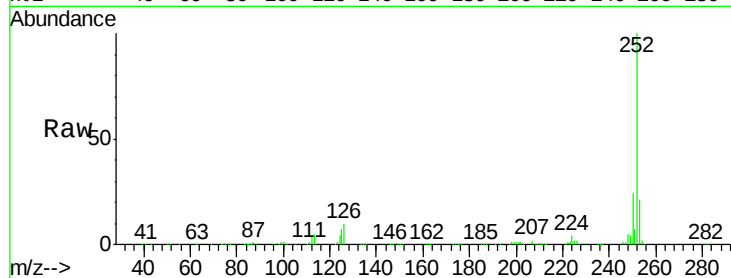




#87
Benzo(b)fluoranthene
Concen: 38.55 ng
RT: 16.17 min Scan# 1145
Delta R.T. -0.22 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

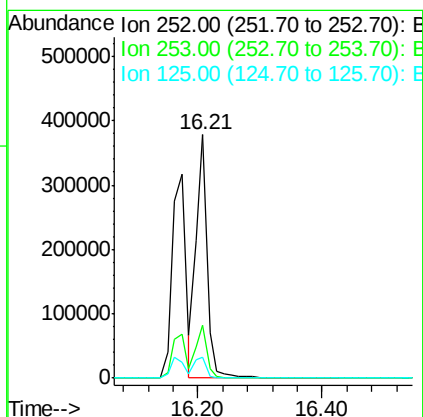
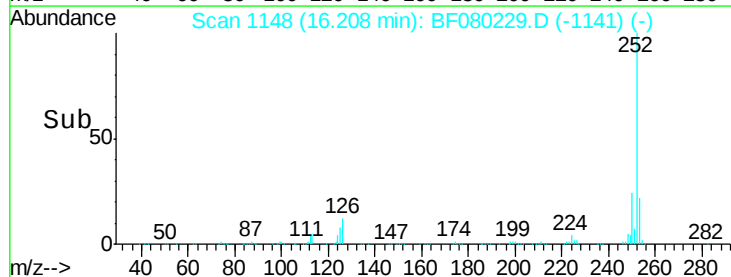
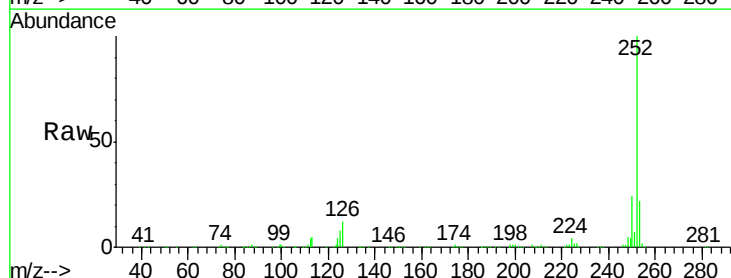
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

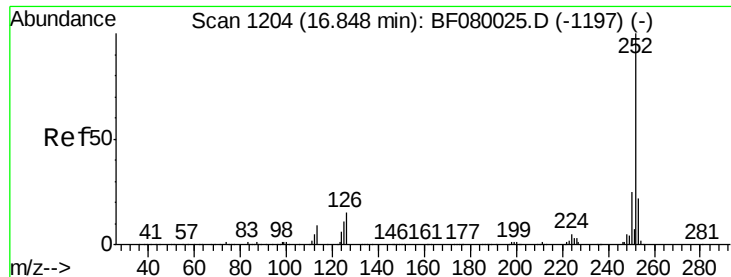
Tgt Ion: 252 Resp: 481641
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 37.41 ng
RT: 16.21 min Scan# 1148
Delta R.T. -0.22 min
Lab File: BF080229.D
Acq: 30 Jun 2015 4:10

Tgt Ion: 252 Resp: 475972
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.4 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 39.05 ng

RT: 16.63 min Scan# 1185

Delta R.T. -0.22 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

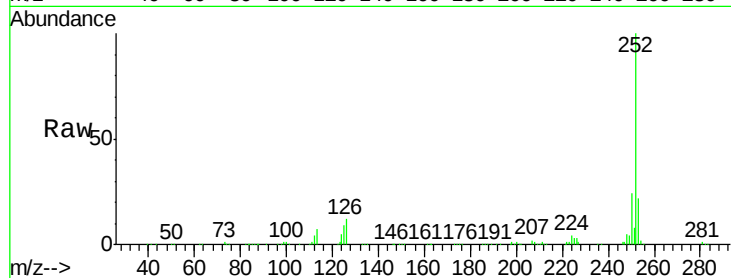
Tgt Ion:252 Resp: 463323

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

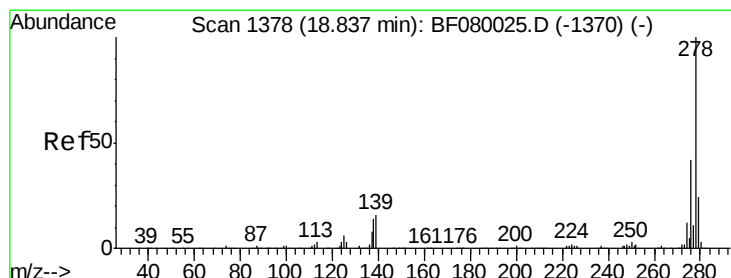
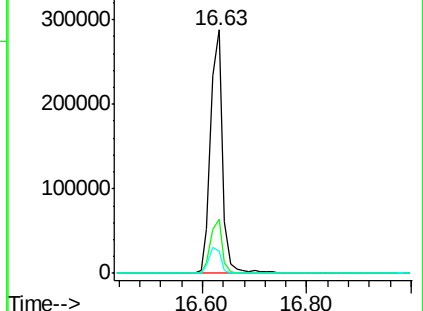
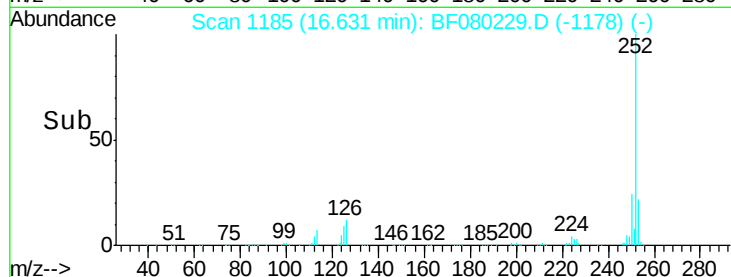
125 9.1 18.0 27.0#



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: 37.34 ng

RT: 18.56 min Scan# 1354

Delta R.T. -0.25 min

Lab File: BF080229.D

Acq: 30 Jun 2015 4:10

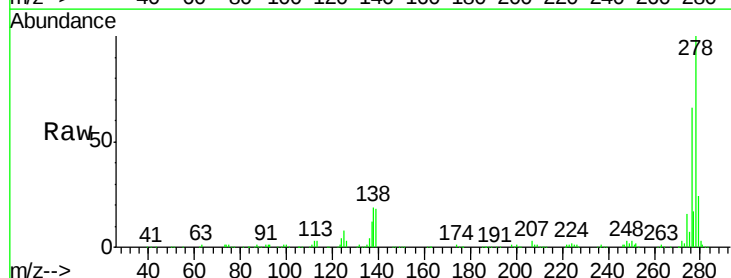
Tgt Ion:278 Resp: 453378

Ion Ratio Lower Upper

278 100

139 18.1 26.3 39.5#

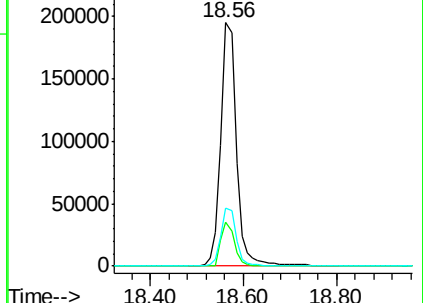
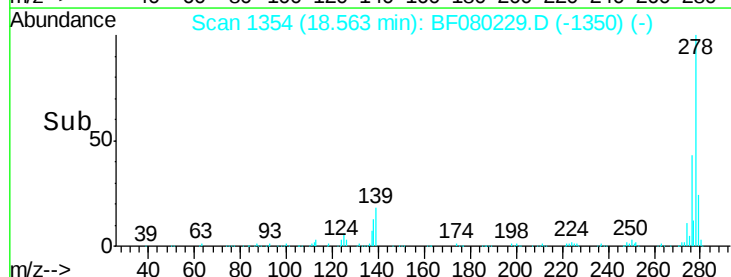
279 23.8 18.2 27.4



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(g,h,i)perylene
 Concen: 37.78 ng
 RT: 19.10 min Scan# 1401
 Delta R.T. -0.25 min
 Lab File: BF080229.D
 Acq: 30 Jun 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 276 Resp: 463232
 Ion Ratio Lower Upper
 276 100
 277 23.5 17.8 26.6
 138 22.6 34.6 51.8#

