

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062615\NEW FOLDER\BF062615\
 Data File : BF080191.D
 Acq On : 26 Jun 2015 16:04
 Operator : TP/IZ
 Sample : G2809-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 09:29:52 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	24865	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	99556	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	50673	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	103471	20.00	ng	-0.05
75) Chrysene-d12	14.81	240	113919	20.00	ng	-0.18
86) Perylene-d12	16.68	264	110055	20.00	ng	-0.25

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	190906	135.91	ng	-0.03
7) Phenol-d6	6.89	99	255931	136.92	ng	-0.03
23) Nitrobenzene-d5	7.85	82	164166	96.00	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	67230	135.68	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	300639	84.61	ng	-0.03
78) Terphenyl-d14	13.54	244	376364	77.16	ng	-0.13

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	20895	31.30	ng	84
3) Pyridine	3.98	79	62618	35.27	ng	# 80
4) n-Nitrosodimethylamine	3.88	42	36209	42.91	ng	99
6) Aniline	6.95	93	120300	46.78	ng	95
8) 2-Chlorophenol	7.08	128	75509	46.51	ng	90
9) Benzaldehyde	6.84	77	39970	37.04	ng	# 72
10) Phenol	6.92	94	89561	43.91	ng	87
11) bis(2-Chloroethyl)ether	7.01	93	63736	39.38	ng	92
12) 1,3-Dichlorobenzene	7.24	146	80212	41.13	ng	# 92
13) 1,4-Dichlorobenzene	7.32	146	85236	45.95	ng	97
14) 1,2-Dichlorobenzene	7.32	146	85236	47.23	ng	99
15) Benzyl Alcohol	7.42	79	68892	45.08	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.56	45	113851	47.39	ng	89
17) 2-Methylphenol	7.52	107	58118	41.91	ng	# 82
18) Hexachloroethane	7.82	117	28908	46.81	ng	# 80
19) n-Nitroso-di-n-propylamine	7.69	70	51753	39.88	ng	# 77
20) 3+4-Methylphenols	7.68	107	81540	45.56	ng	91
22) Acetophenone	7.69	105	111174	47.92	ng	# 84
24) Nitrobenzene	7.88	77	74049	41.95	ng	# 82
25) Isophorone	8.10	82	145481	42.27	ng	# 84
26) 2-Nitrophenol	8.20	139	37523	50.79	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	68183	44.26	ng	86
28) bis(2-Chloroethoxy)methane	8.31	93	91622	45.31	ng	# 92
29) 2,4-Dichlorophenol	8.44	162	65066	49.32	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	70862	47.30	ng	97
31) Naphthalene	8.61	128	232594	44.69	ng	98
32) Benzoic acid	8.26	122	10366	11.13	ng	# 63
33) 4-Chloroaniline	8.64	127	117682	52.83	ng	# 84
34) Hexachlorobutadiene	8.73	225	38405	41.63	ng	97
35) Caprolactam	8.97	113	17995	42.02	ng	# 78
36) 4-Chloro-3-methylphenol	9.11	107	61561	41.37	ng	# 74
37) 2-Methylnaphthalene	9.30	142	164037	48.72	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	69255	46.97	ng	99
40) Hexachlorocyclopentadiene	9.46	237	56600	75.01	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	49067	48.90	nq	99
43) 2,4,5-Trichlorophenol	9.61	196	50538	43.72	nq	# 94
45) 1,1'-Biphenyl	9.76	154	177142	42.97	nq	93
46) 2-Chloronaphthalene	9.80	162	151449	45.27	nq	94
47) 2-Nitroaniline	9.88	65	41751	45.47	nq	# 60
48) Acenaphthylene	10.22	152	250161	44.80	nq	98
49) Dimethylphthalate	10.05	163	206290	54.15	nq	# 97
50) 2,6-Dinitrotoluene	10.12	165	35859	46.95	nq	# 60
51) Acenaphthene	10.39	154	155595	45.55	nq	91
52) 3-Nitroaniline	10.29	138	40458	45.91	nq	# 52
53) 2,4-Dinitrophenol	10.40	184	21992	71.42	nq	# 22
54) Dibenzofuran	10.56	168	222529	45.91	nq	# 90
55) 4-Nitrophenol	10.44	139	67552	95.91	nq	# 59
56) 2,4-Dinitrotoluene	10.53	165	51650	53.29	nq	# 92
57) Fluorene	10.90	166	164209	42.70	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	43810	44.89	nq	# 97
59) Diethylphthalate	10.76	149	162435	42.34	nq	97
60) 4-Chlorophenyl-phenylether	10.89	204	82920	44.87	nq	91
61) 4-Nitroaniline	10.90	138	43833	48.16	nq	# 55
62) Azobenzene	11.05	77	174846	44.78	nq	88
64) 4,6-Dinitro-2-methylphenol	10.94	198	22323	44.17	nq	95
65) n-Nitrosodiphenylamine	11.01	169	155884	46.27	nq	92
66) 4-Bromophenyl-phenylether	11.40	248	45674	41.51	nq	# 82
67) Hexachlorobenzene	11.48	284	50919	41.64	nq	# 75
68) Atrazine	11.52	200	43101	40.49	nq	81
69) Pentachlorophenol	11.66	266	55433	80.00	nq	99
70) Phenanthrene	11.89	178	277097	44.23	nq	97
71) Anthracene	11.94	178	267847	44.41	nq	98
72) Carbazole	12.09	167	246112	42.74	nq	97
73) Di-n-butylphthalate	12.41	149	258456	38.85	nq	# 98
74) Fluoranthene	13.14	202	294260	44.11	nq	89
76) Benzidine	13.26	184	265460	83.37	nq	98
77) Pyrene	13.40	202	295059	42.07	nq	97
79) Butylbenzylphthalate	14.09	149	123009	43.67	nq	98
80) Benzo(a)anthracene	14.80	228	300770	43.34	nq	97
81) 3,3'-Dichlorobenzidine	14.75	252	103360	43.18	nq	# 95
82) Chrysene	14.85	228	272847	42.63	nq	95
83) Bis(2-ethylhexyl)phthalate	14.78	149	179229	40.26	nq	# 94
84) Di-n-octyl phthalate	15.58	149	297883	39.05	nq	97
85) Indeno(1,2,3-cd)pyrene	18.51	276	336098	41.65	nq	# 89
87) Benzo(b)fluoranthene	16.14	252	314809	47.24	nq	# 88
88) Benzo(k)fluoranthene	16.17	252	270870	39.92	nq	# 89
89) Benzo(a)pyrene	16.60	252	287478	45.43	nq	# 87
90) Dibenzo(a,h)anthracene	18.53	278	281218	43.42	nq	# 81
91) Benzo(g,h,i)perylene	19.05	276	285069	43.59	nq	# 77

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

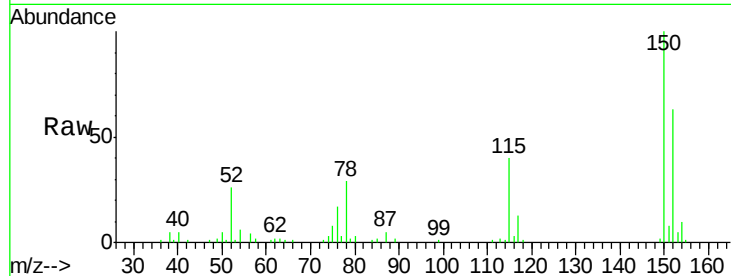


#1

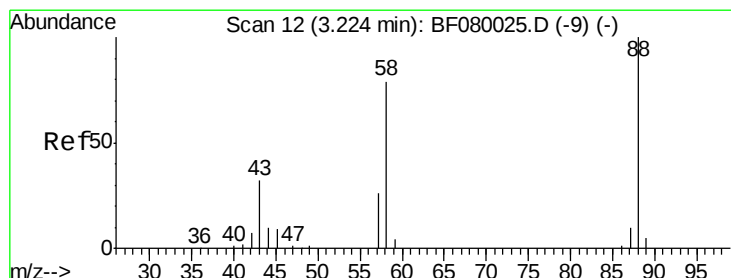
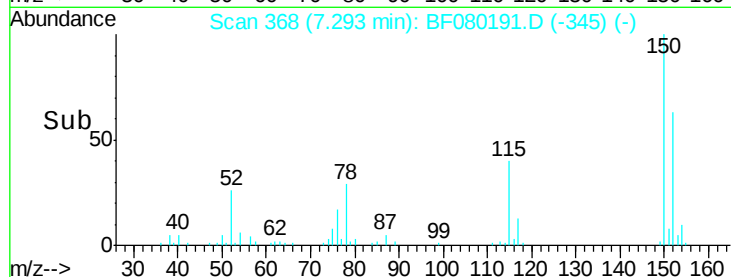
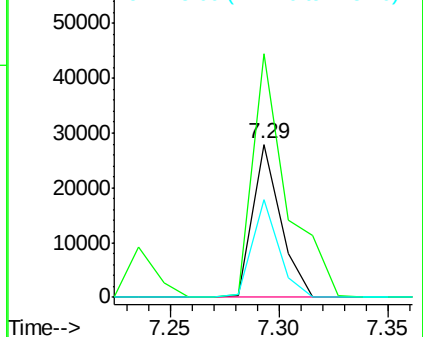
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 24865
Ion Ratio Lower Upper
152 100
150 159.3 124.7 187.1
115 64.2 39.0 58.4#



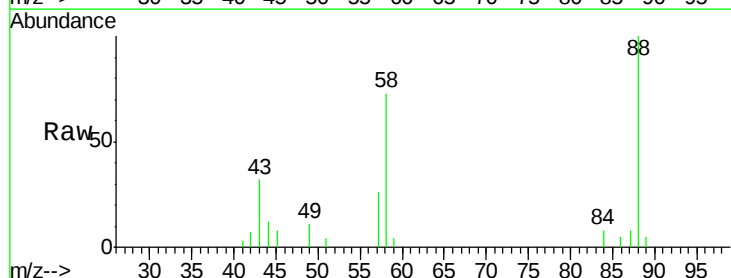
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



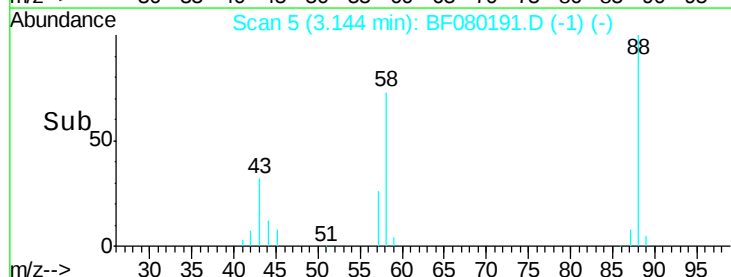
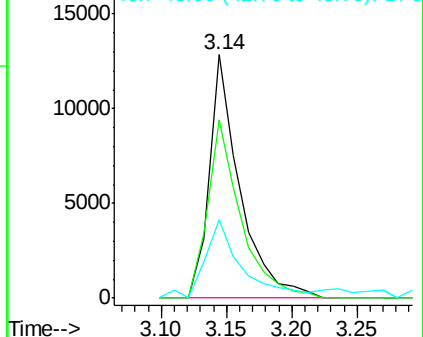
#2

1,4-Dioxane
Concen: 31.30 ng
RT: 3.14 min Scan# 5
Delta R.T. -0.05 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion: 88 Resp: 20895
Ion Ratio Lower Upper
88 100
58 79.2 77.7 116.5
43 37.6 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

Pvridine

Concen: 35.27 ng

RT: 3.98 min Scan# 78

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

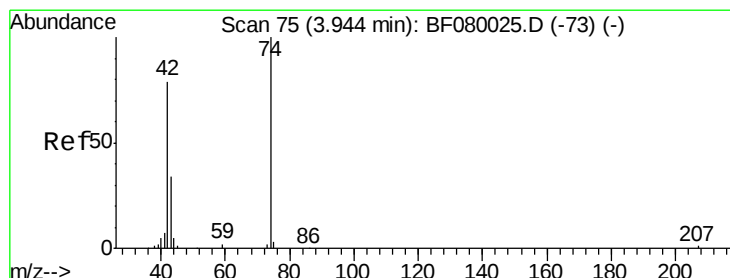
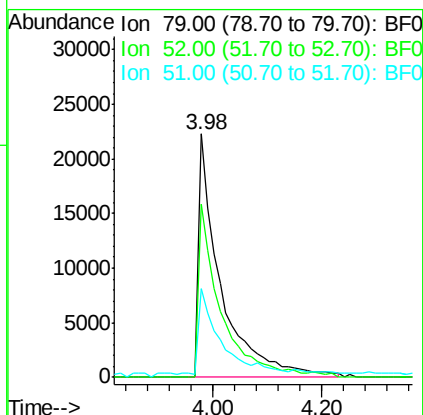
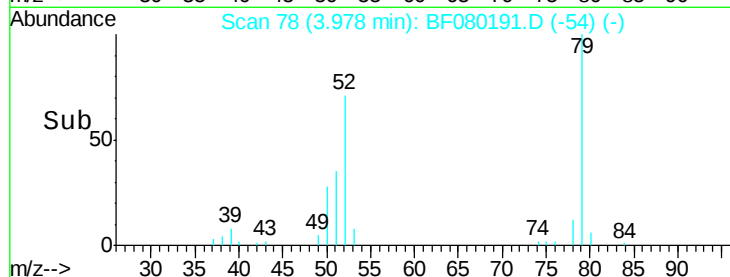
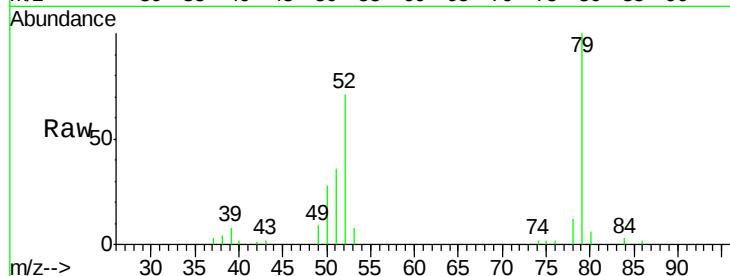
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 62618

Ion	Ratio	Lower	Upper
79	100		
52	71.3	76.8	115.2#
51	36.5	32.2	48.4



#4

n-Nitrosodimethylamine

Concen: 42.91 ng

RT: 3.88 min Scan# 69

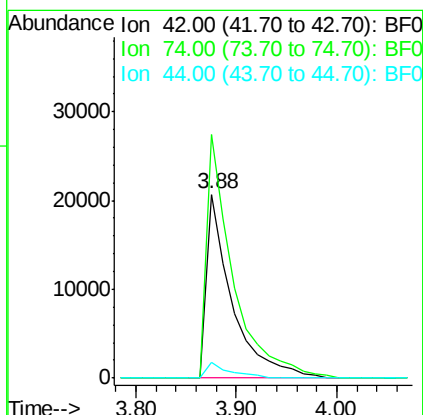
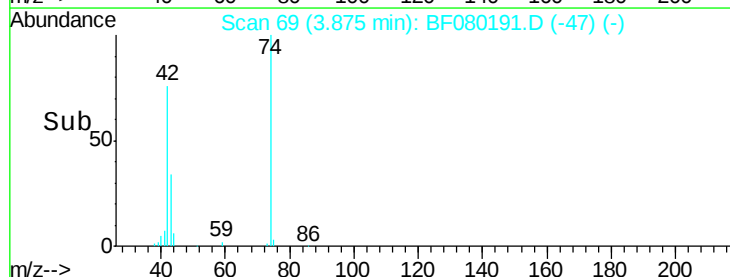
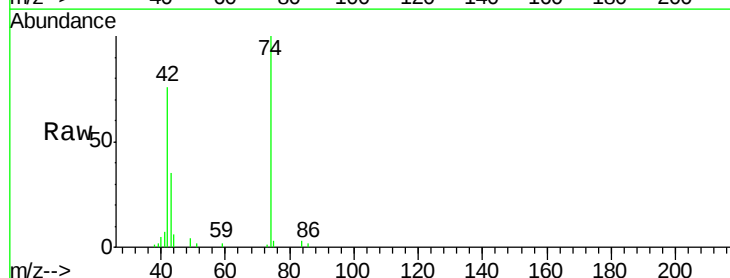
Delta R.T. -0.05 min

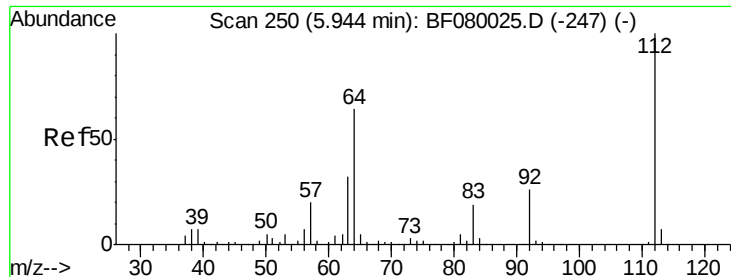
Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion: 42 Resp: 36209

Ion	Ratio	Lower	Upper
42	100		
74	132.4	105.0	157.6
44	8.3	6.6	10.0





#5

2-Fluorophenol

Concen: 135.91 ng

RT: 5.90 min Scan# 246

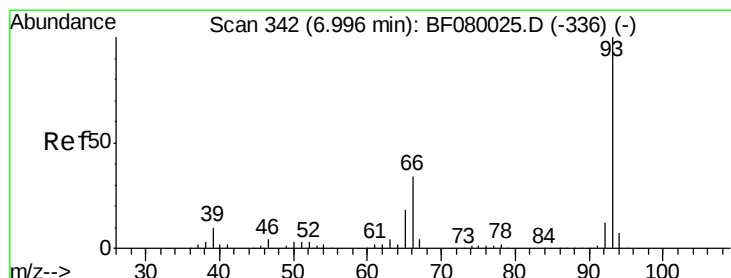
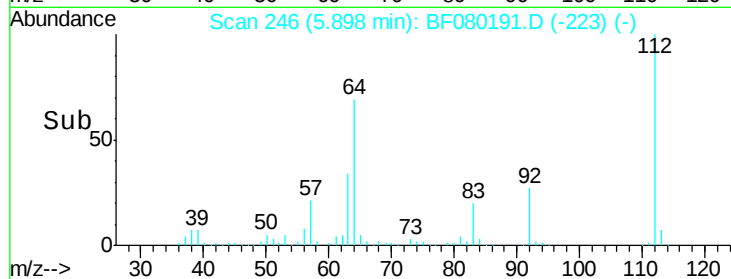
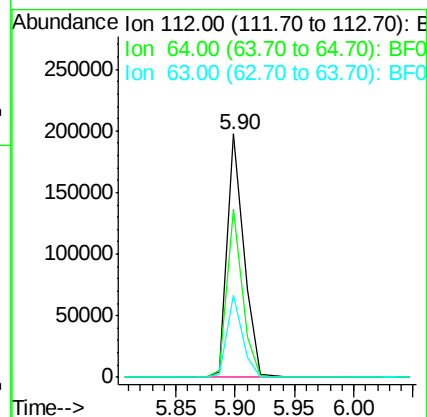
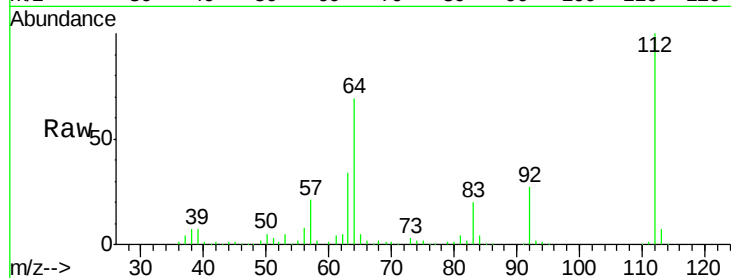
Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	190906
Ion	Ratio	Lower	Upper
112	100		
64	69.0	39.7	59.5#
63	34.0	17.4	26.0#



#6

Aniline

Concen: 46.78 ng

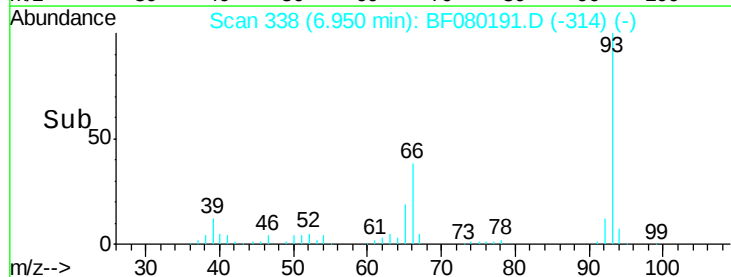
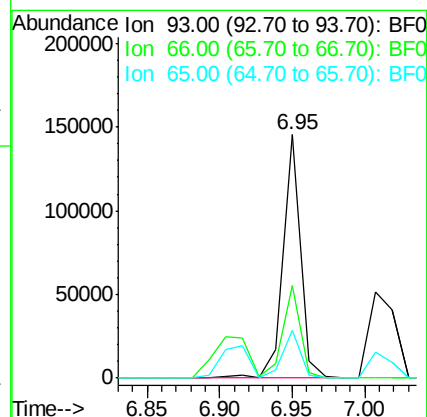
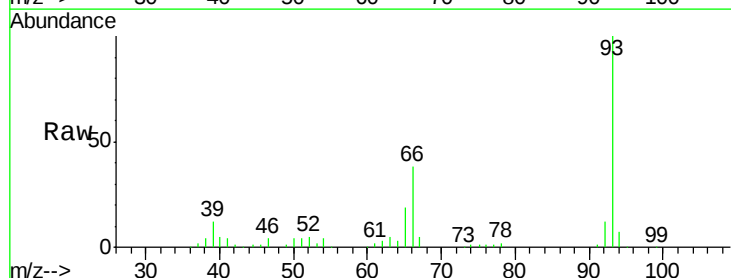
RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	93	Resp:	120300
Ion	Ratio	Lower	Upper
93	100		
66	37.8	27.2	40.8
65	19.4	14.7	22.1





#7

Phenol-d6

Concen: 136.92 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

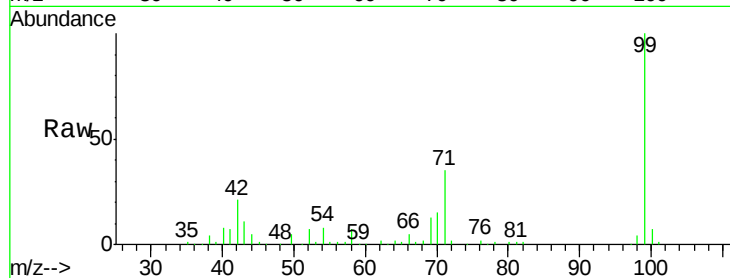
Tot Ion: 99 Resp: 255931

Ion Ratio Lower Upper

99 100

42 20.7 13.7 20.5#

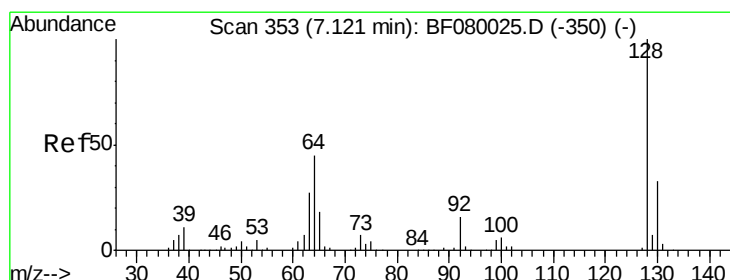
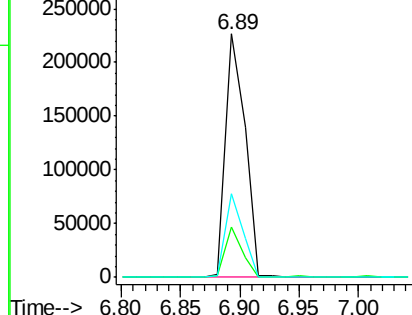
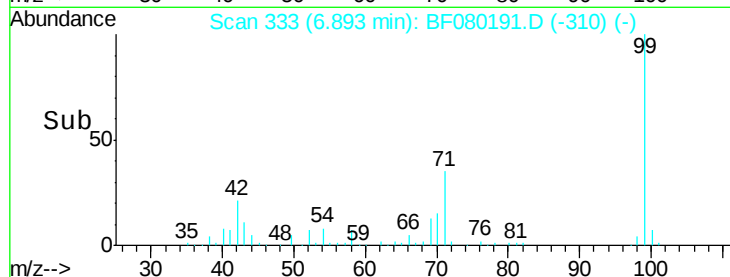
71 34.6 14.2 21.2#



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: 46.51 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

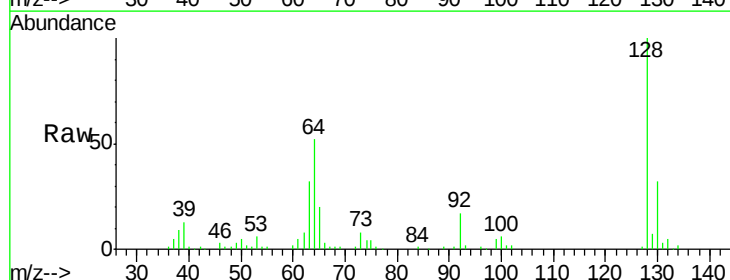
Tgt Ion: 128 Resp: 75509

Ion Ratio Lower Upper

128 100

130 32.0 12.2 52.2

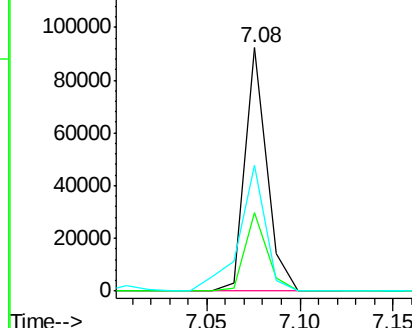
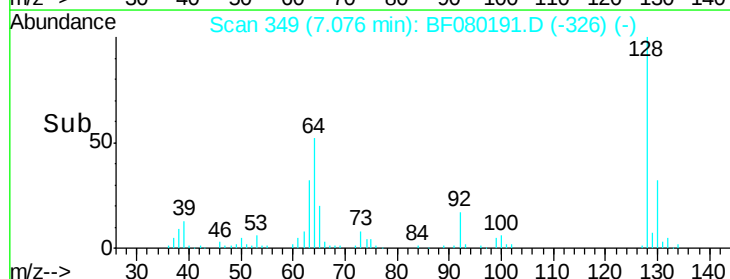
64 51.7 20.5 60.5

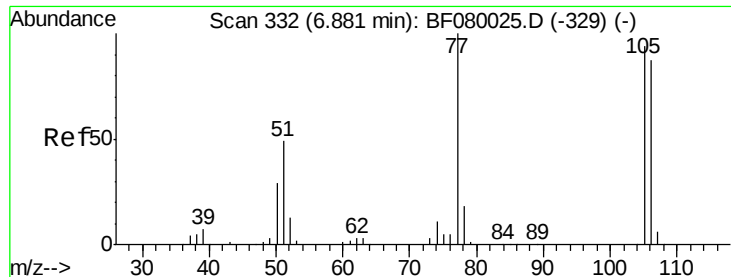


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.04 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampled :

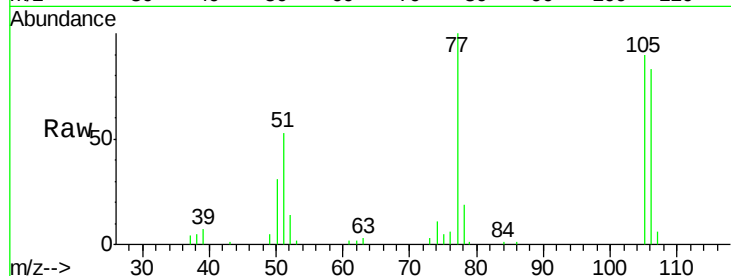
Tot Ion: 77 Resp: 39970

Ion Ratio Lower Upper

77 100

105 89.8 91.6 131.6#

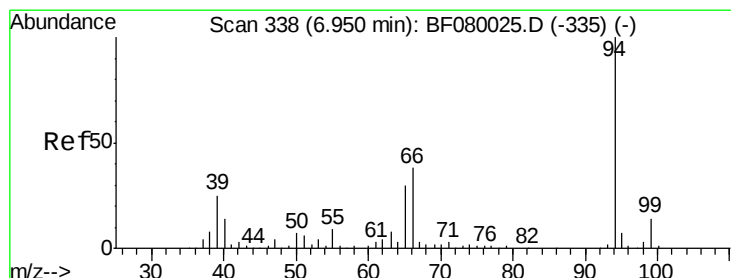
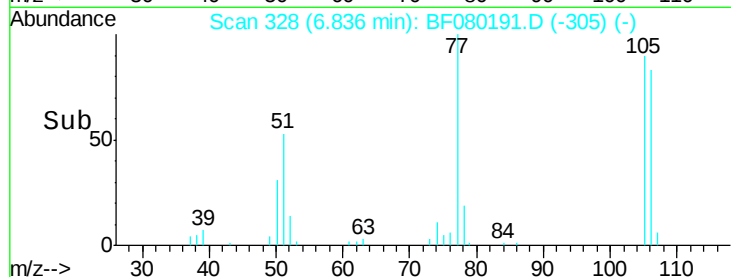
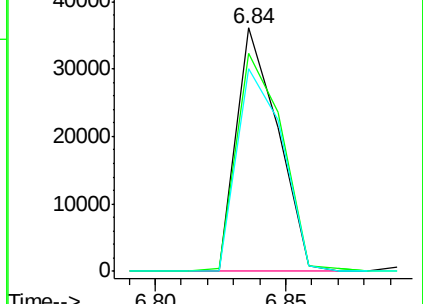
106 83.4 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.91 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

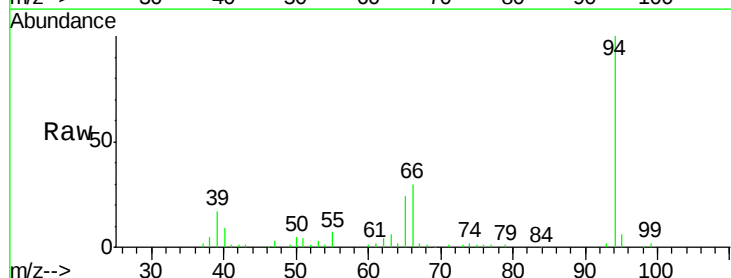
Tgt Ion: 94 Resp: 89561

Ion Ratio Lower Upper

94 100

65 23.9 0.7 40.7

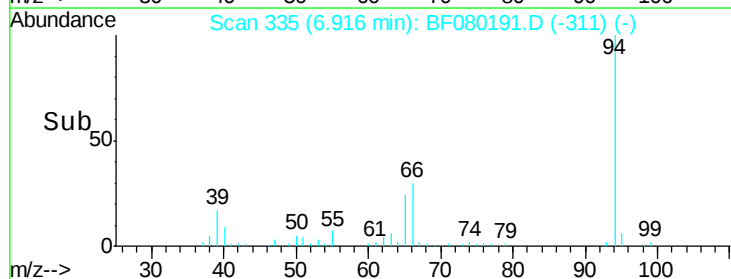
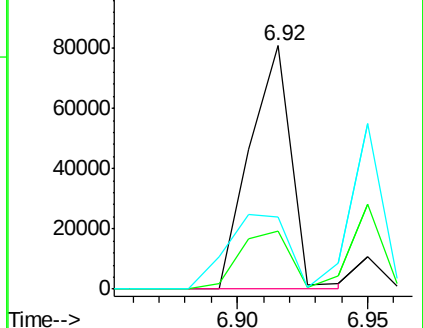
66 29.8 0.8 40.8



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

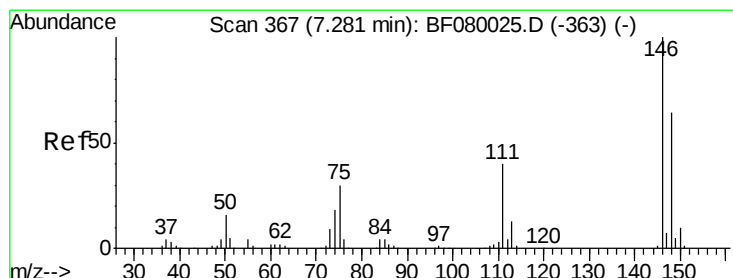
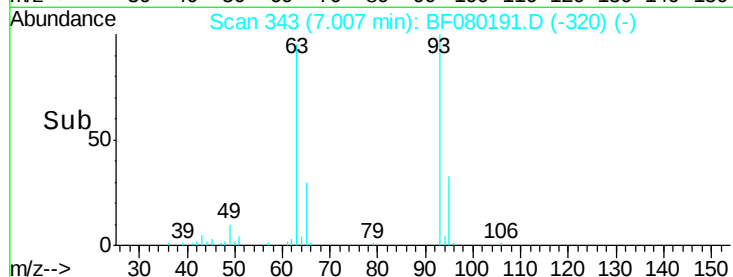
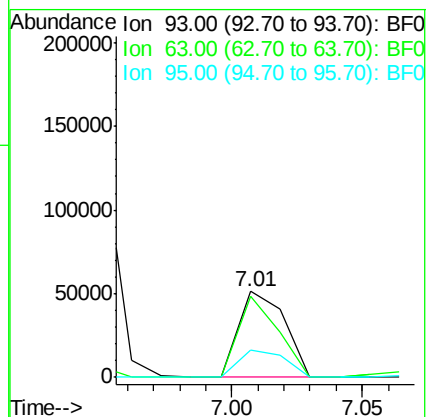
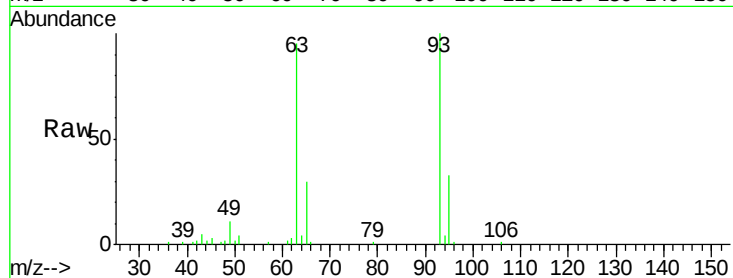
Tot Ion: 93 Resp: 63736

Ion Ratio Lower Upper

93 100

63 94.8 65.6 105.6

95 32.6 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 41.13 ng

RT: 7.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

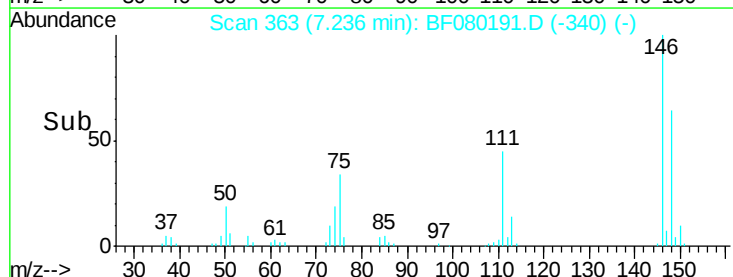
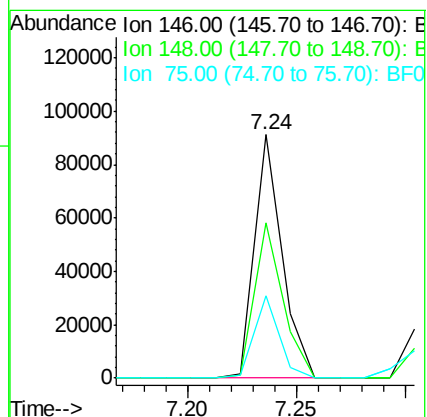
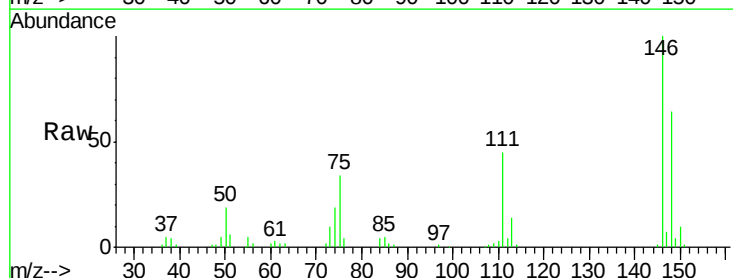
Tgt Ion: 146 Resp: 80212

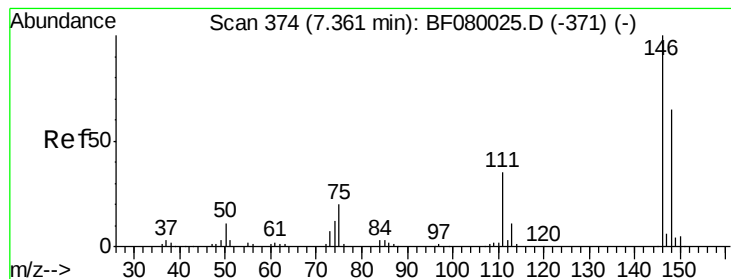
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 33.6 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 45.95 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

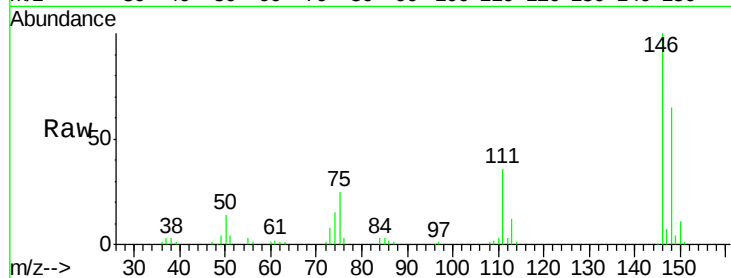
Tot Ion:146 Resp: 85236

Ion Ratio Lower Upper

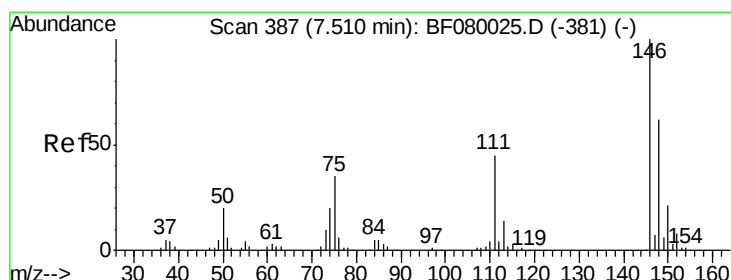
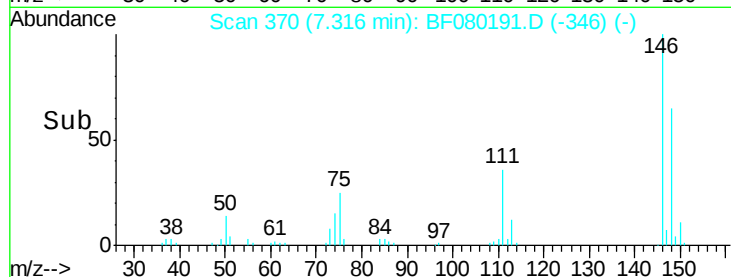
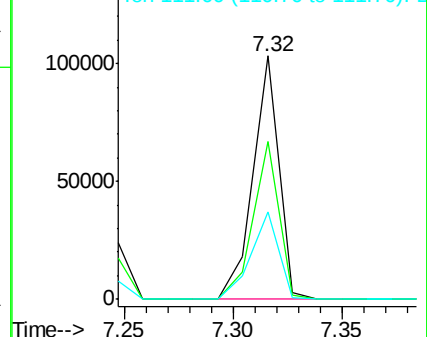
146 100

148 64.8 51.8 77.6

111 35.8 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: 47.23 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.18 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

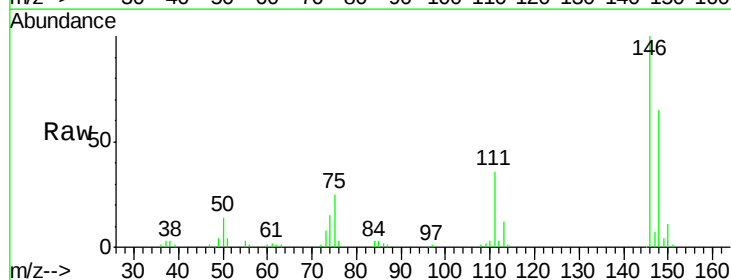
Tgt Ion:146 Resp: 85236

Ion Ratio Lower Upper

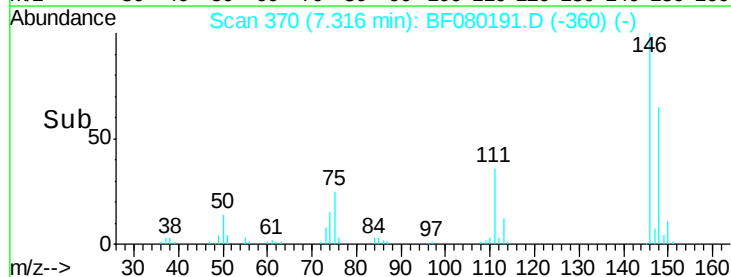
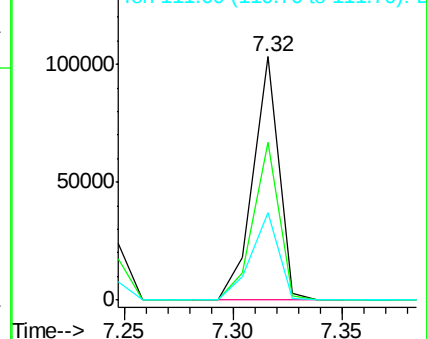
146 100

148 64.8 52.7 79.1

111 35.8 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: 45.08 ng

RT: 7.42 min Scan# 379

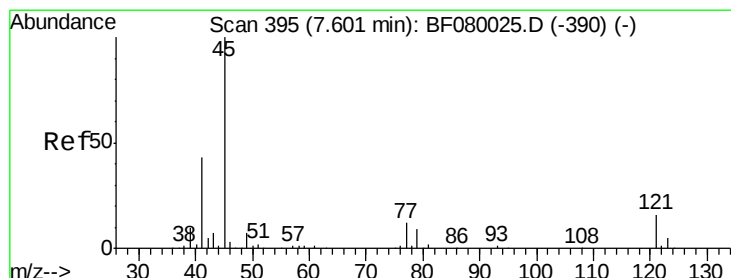
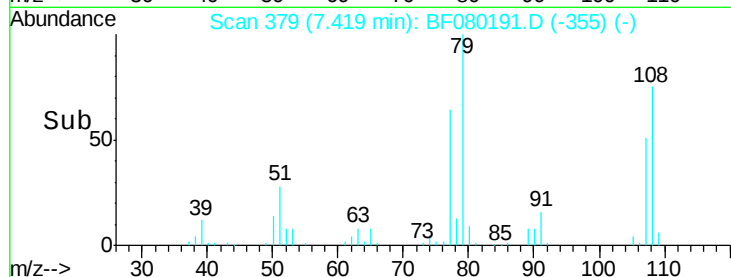
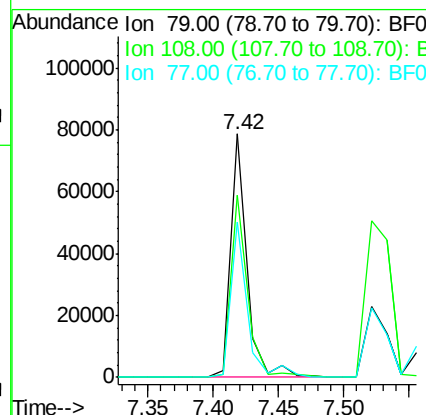
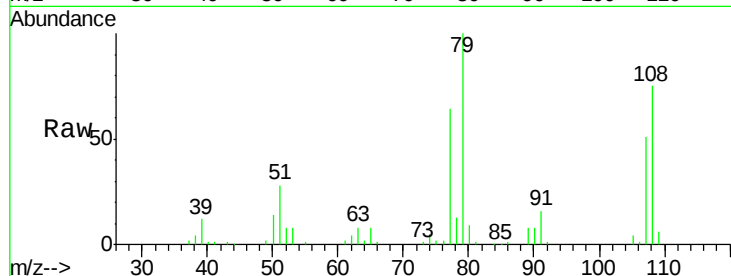
Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 68892
Ion Ratio Lower Upper
79 100
108 75.0 88.6 132.8#
77 64.0 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.39 ng

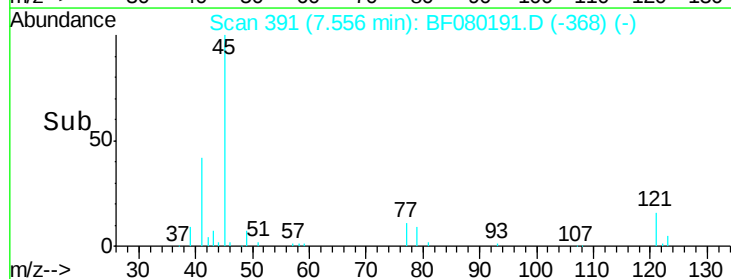
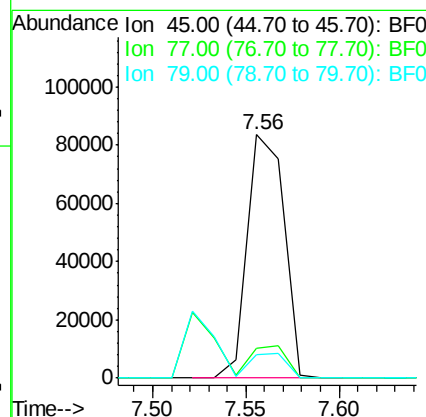
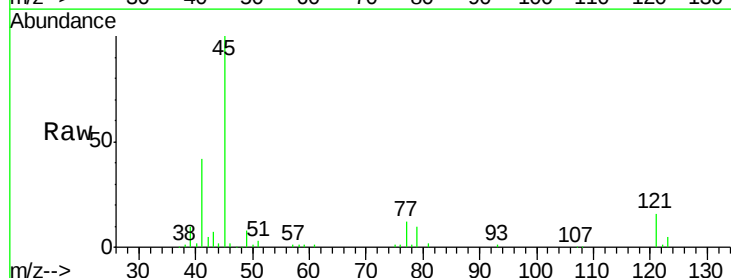
RT: 7.56 min Scan# 391

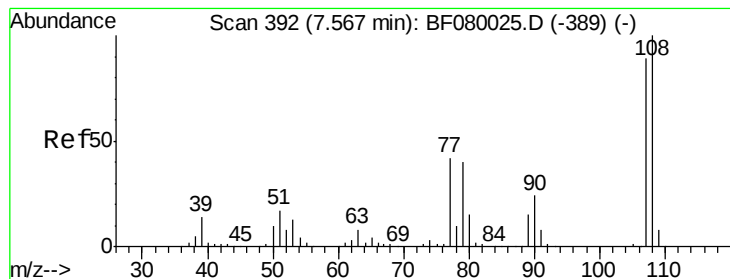
Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion: 45 Resp: 113851
Ion Ratio Lower Upper
45 100
77 12.3 0.0 28.1
79 9.7 0.0 26.0

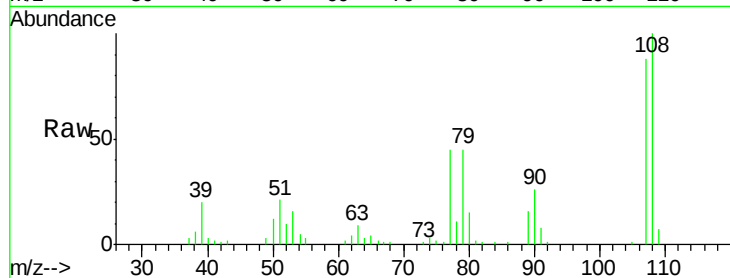




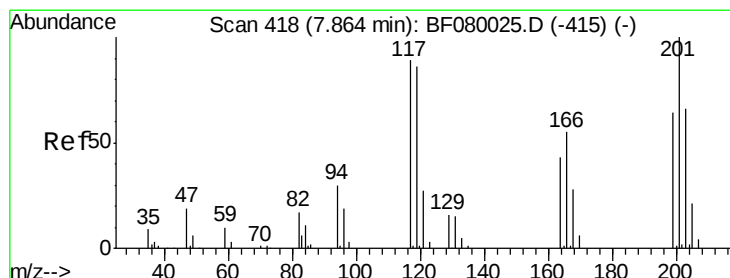
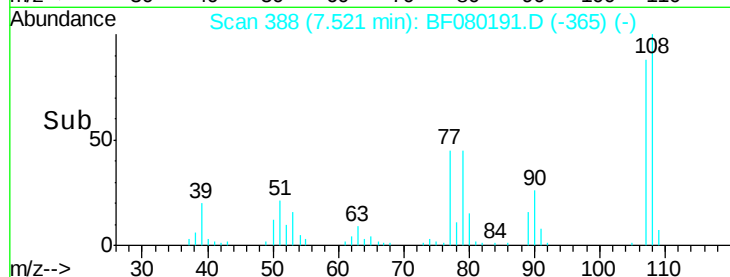
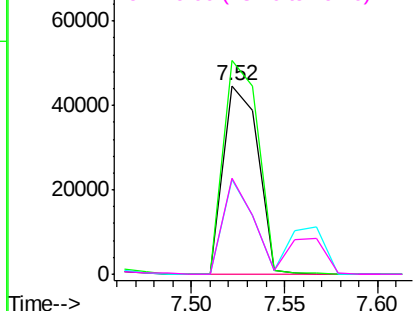
#17
2-Methylphenol
Concen: 41.91 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 58118
Ion Ratio Lower Upper
107 100
108 113.5 96.6 145.0
77 50.6 23.3 34.9#
79 51.1 22.0 33.0#

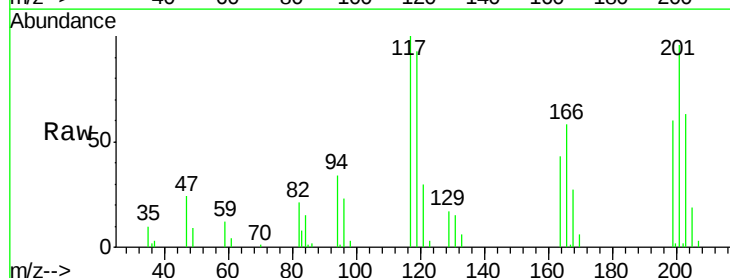


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

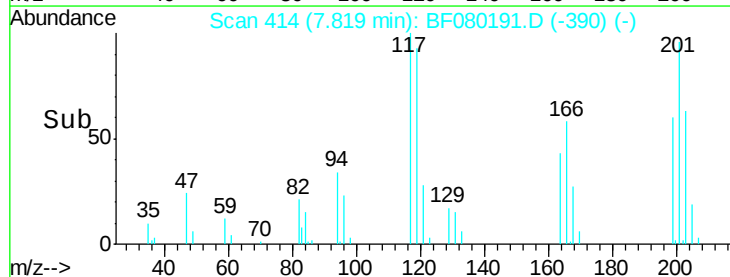
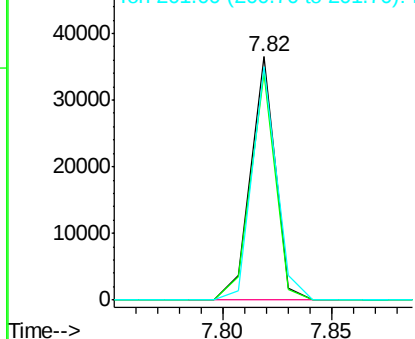


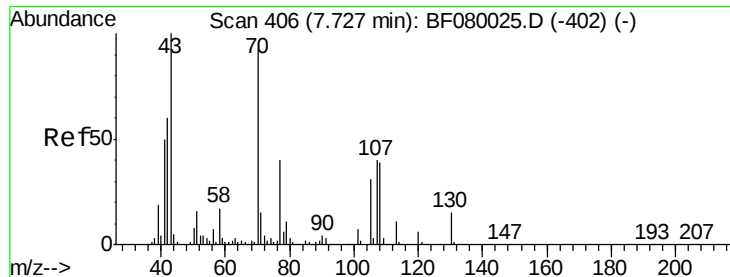
#18
Hexachloroethane
Concen: 46.81 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:117 Resp: 28908
Ion Ratio Lower Upper
117 100
119 93.3 83.8 125.6
201 95.7 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

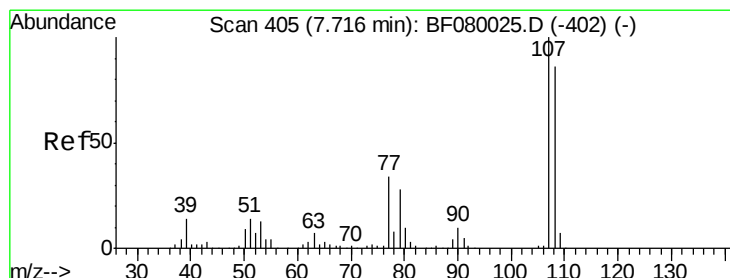
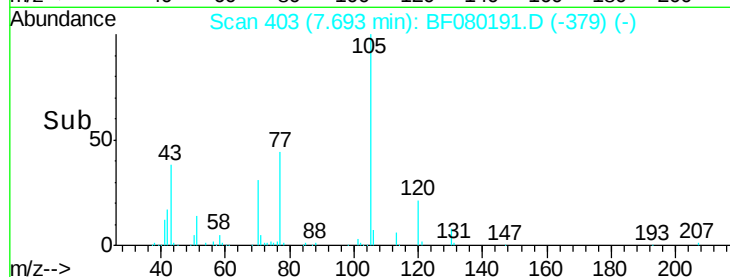
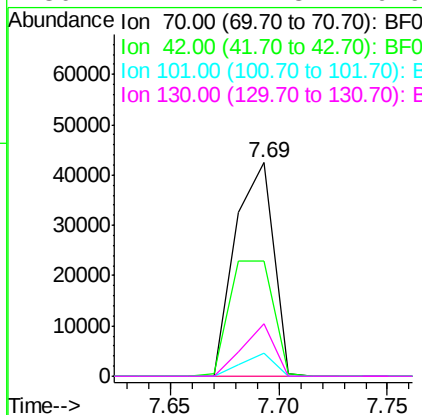
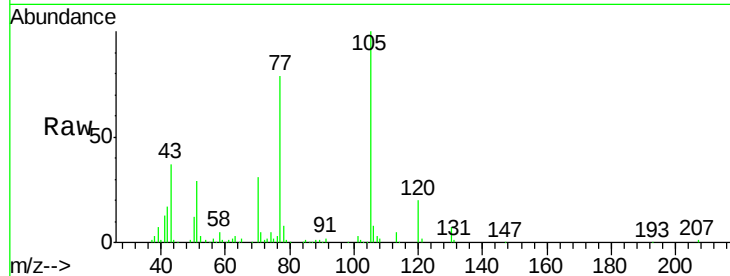




#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

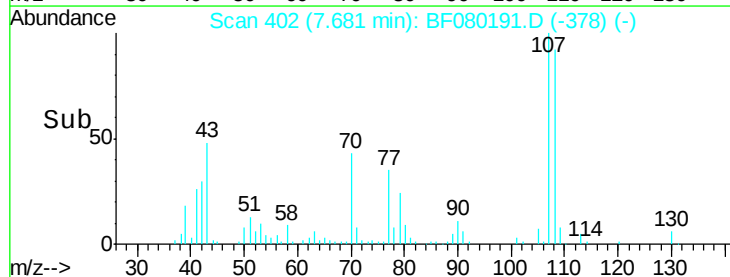
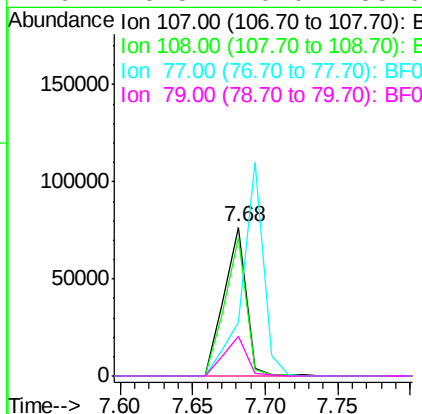
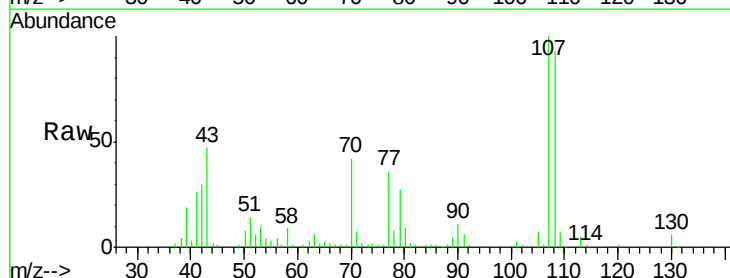
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 51753
Ion Ratio Lower Upper
70 100
42 54.1 63.8 95.6#
101 11.0 9.2 13.8
130 24.4 27.3 40.9#



#20
3+4-Methylphenols
Concen: 45.56 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:107 Resp: 81540
Ion Ratio Lower Upper
107 100
108 92.7 74.6 114.6
77 36.1 0.7 40.7
79 26.8 0.0 38.9

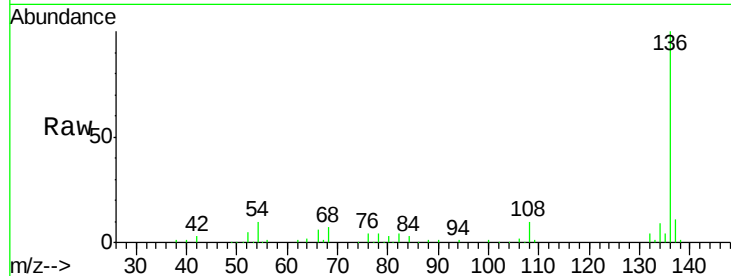




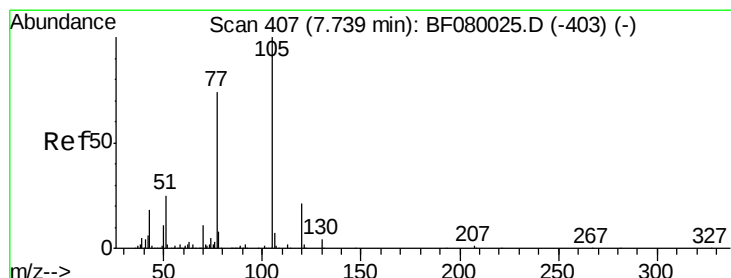
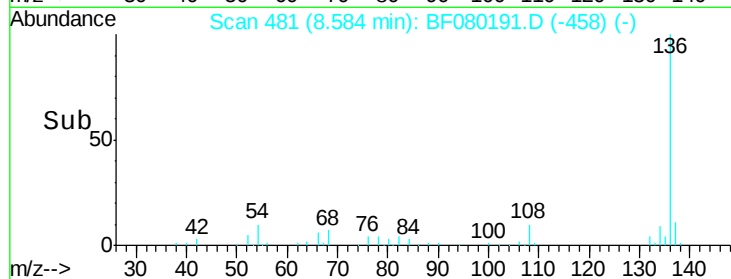
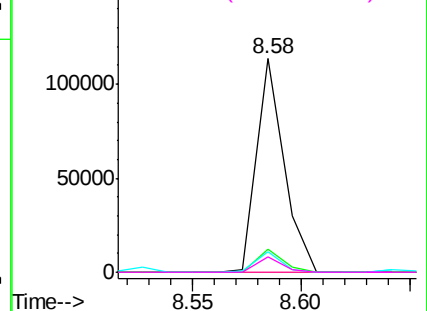
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	99556
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	9.8	8.2 12.2
68	7.1	5.8 8.6

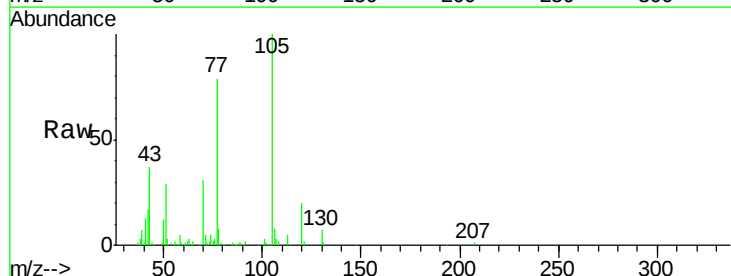


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

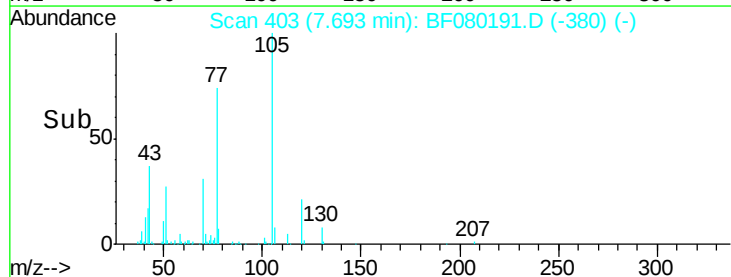
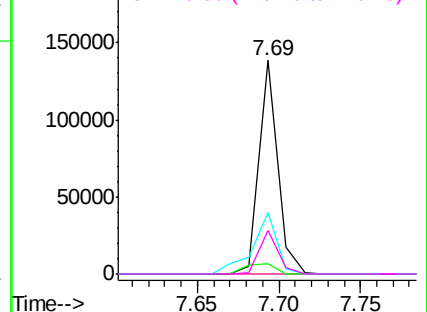


#22
Acetophenone
Concen: 47.92 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:105	Resp:	111174
Ion Ratio	Lower	Upper
105	100	
71	5.0	4.7 7.1
51	28.9	22.0 33.0
120	20.4	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

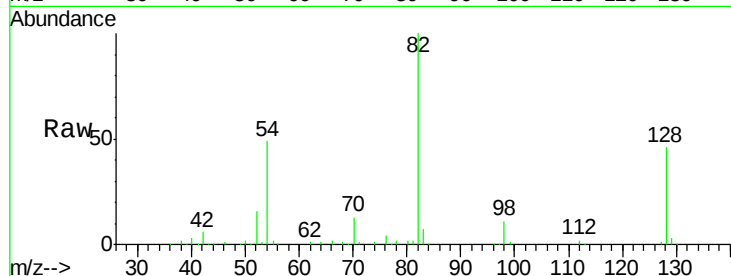




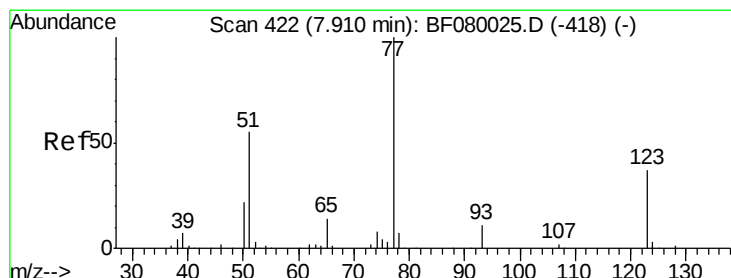
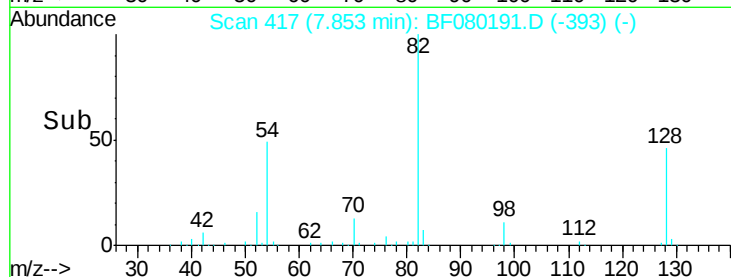
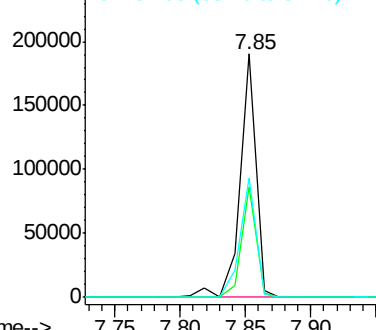
#23
Nitrobenzene-d5
Concen: 96.00 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 164166
Ion Ratio Lower Upper
82 100
128 45.5 51.0 76.6#
54 49.1 47.5 71.3

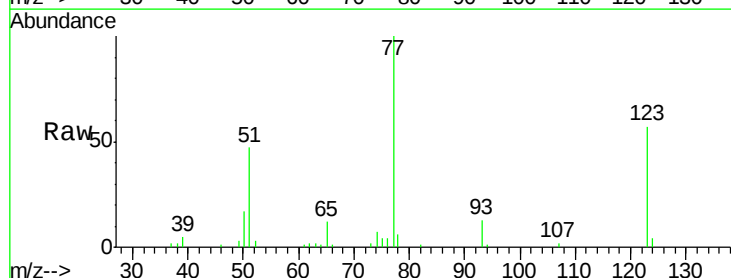


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

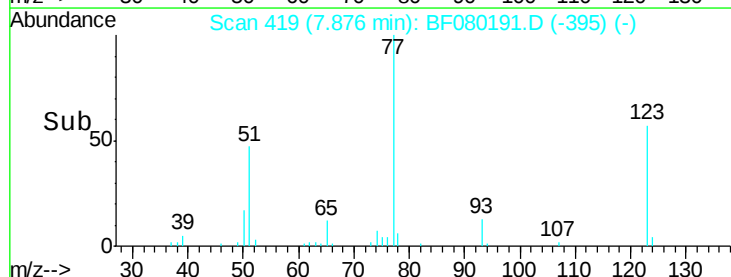
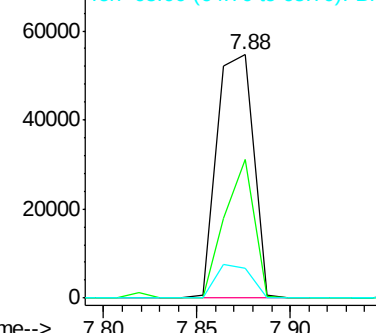


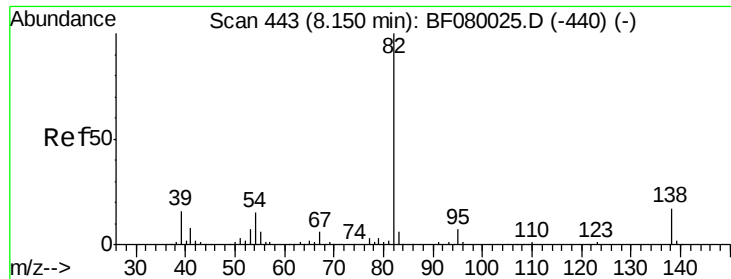
#24
Nitrobenzene
Concen: 41.95 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion: 77 Resp: 74049
Ion Ratio Lower Upper
77 100
123 56.8 59.8 89.8#
65 12.3 10.2 15.4



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





#25

Isophorone

Concen: 42.27 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

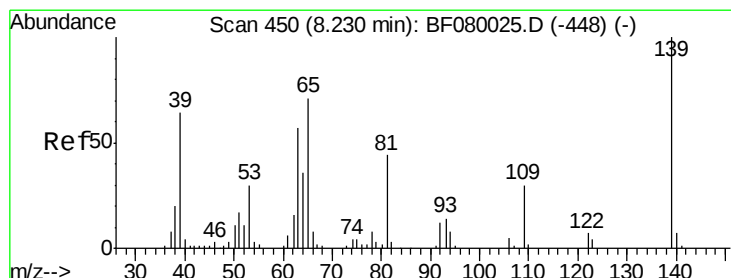
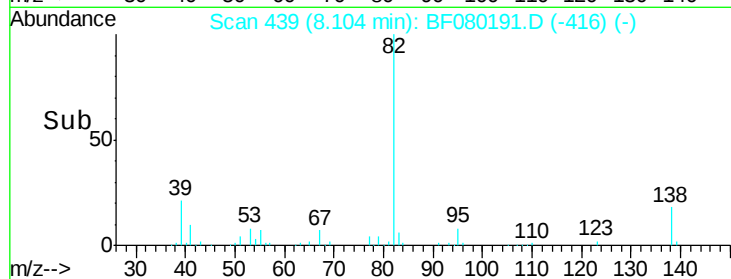
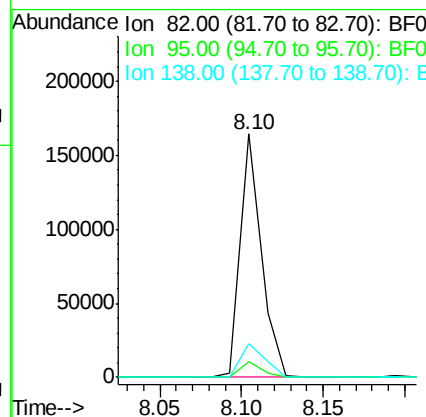
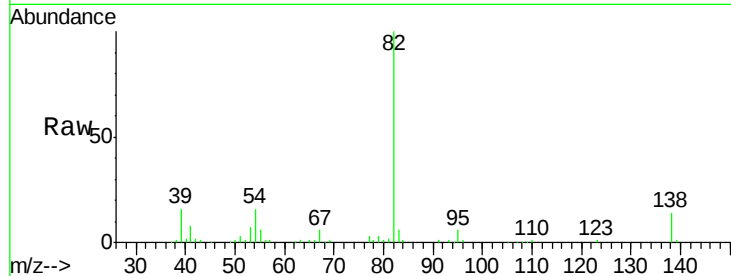
Tot Ion: 82 Resp: 145481

Ion Ratio Lower Upper

82 100

95 6.4 4.0 6.0#

138 14.0 18.3 27.5#



#26

2-Nitrophenol

Concen: 50.79 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

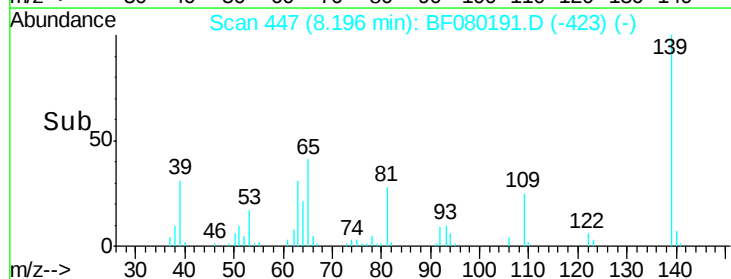
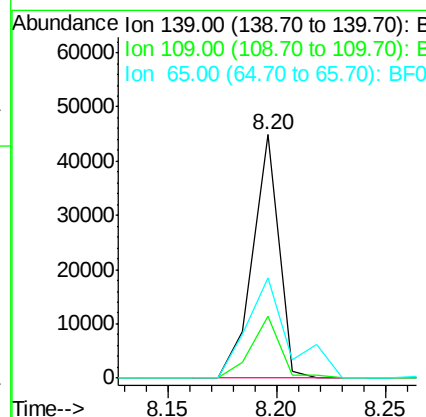
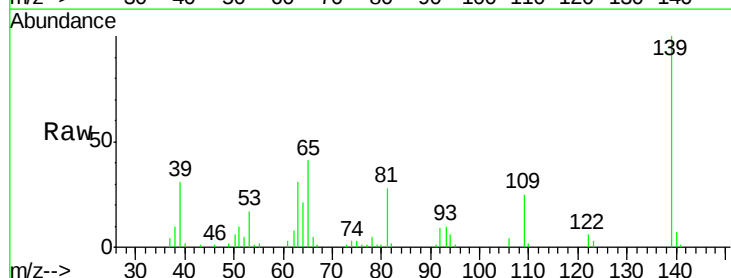
Tgt Ion: 139 Resp: 37523

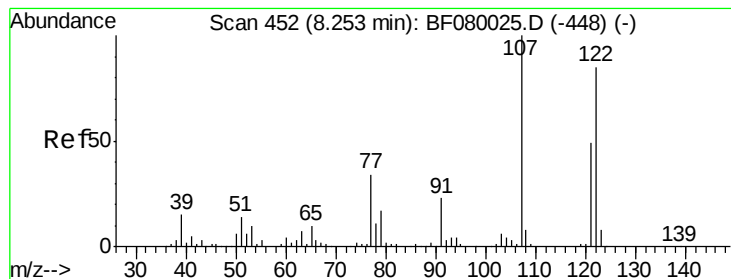
Ion Ratio Lower Upper

139 100

109 25.5 11.0 16.4#

65 41.3 24.7 37.1#

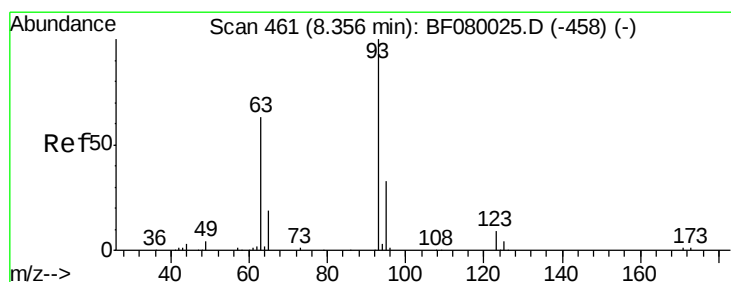
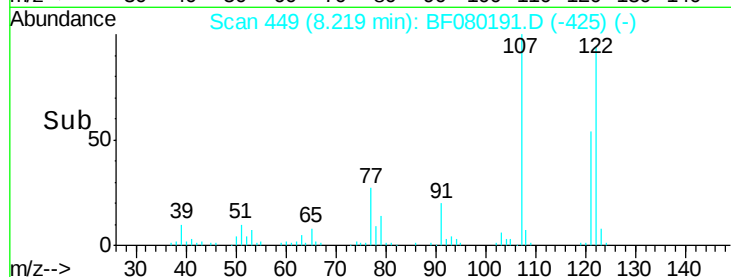
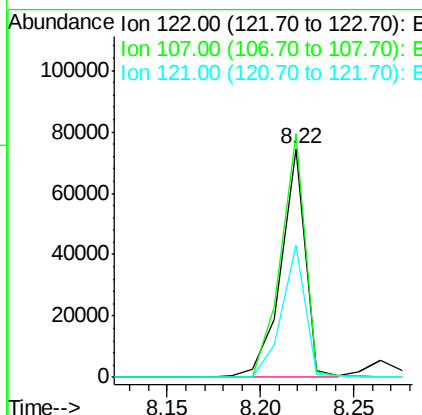
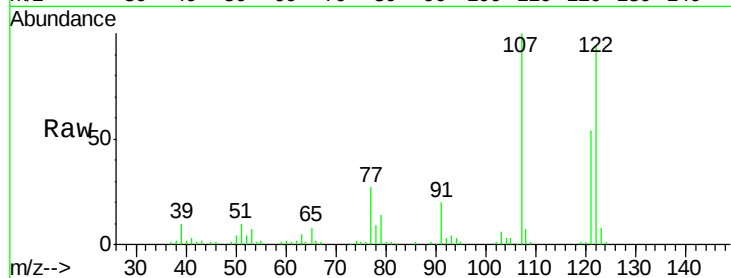




#27
 2,4-Dimethylphenol
 Concen: 44.26 ng
 RT: 8.22 min Scan# 449
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

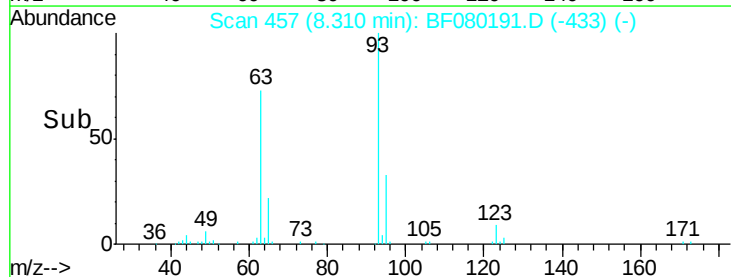
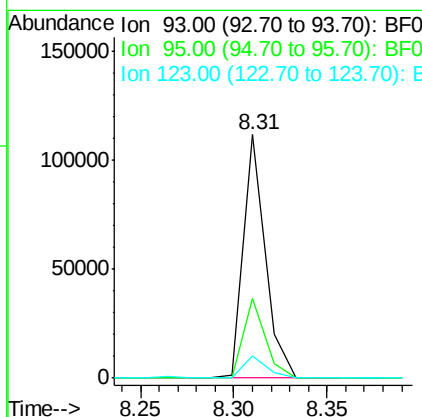
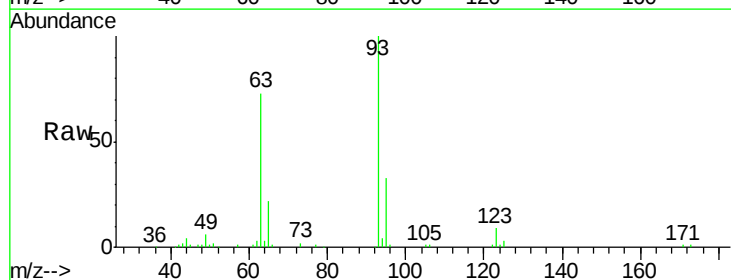
Instrument :
 BNA_F
 ClientSampleId :

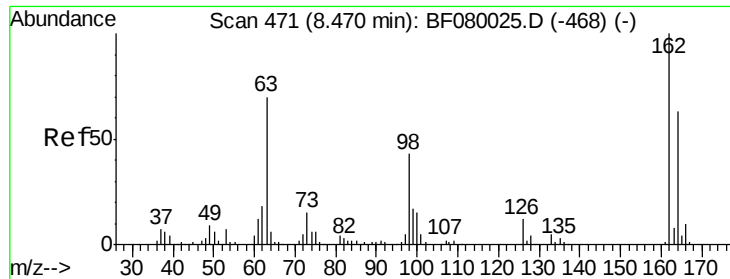
Tot Ion:122 Resp: 68183
 Ion Ratio Lower Upper
 122 100
 107 106.7 71.8 107.6
 121 57.8 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.31 ng
 RT: 8.31 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion: 93 Resp: 91622
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.5 41.3
 123 9.2 13.7 20.5#

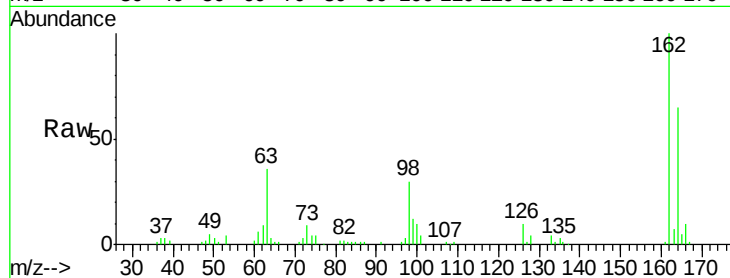




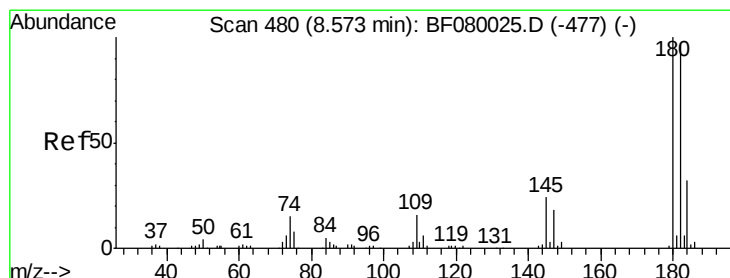
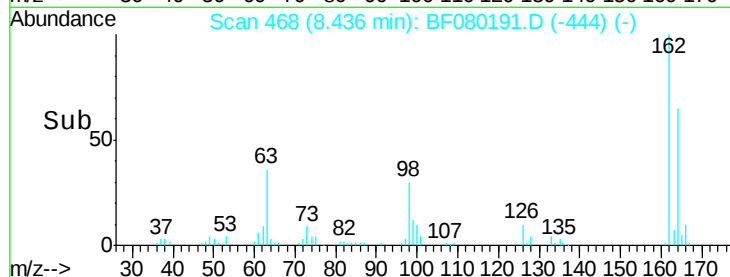
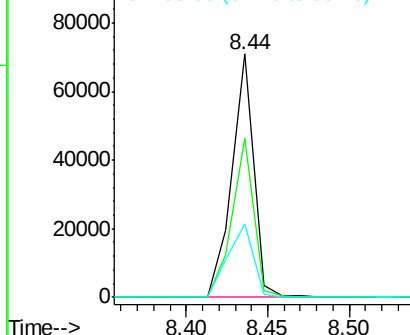
#29
 2,4-Dichlorophenol
 Concen: 49.32 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 65066
 Ion Ratio Lower Upper
 162 100
 164 65.1 44.9 84.9
 98 30.2 13.0 53.0

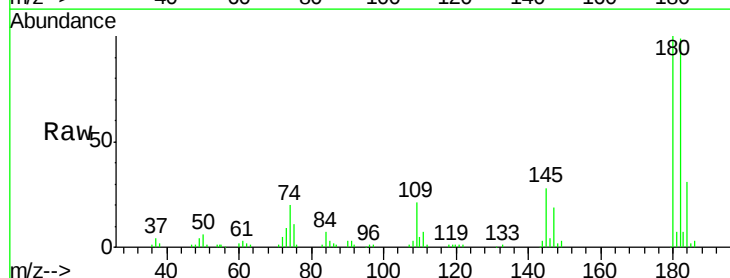


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

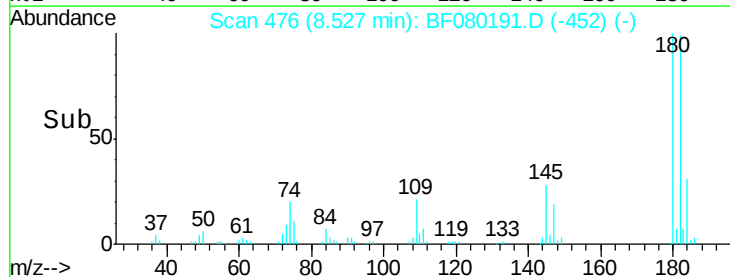
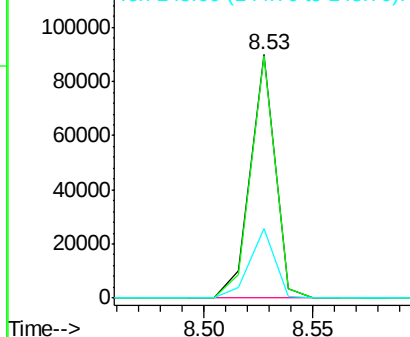


#30
 1,2,4-Trichlorobenzene
 Concen: 47.30 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:180 Resp: 70862
 Ion Ratio Lower Upper
 180 100
 182 99.4 77.1 115.7
 145 28.5 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

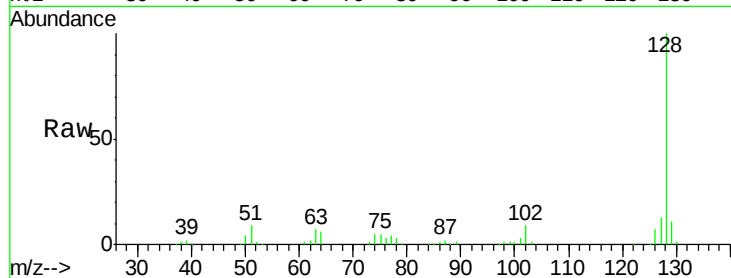




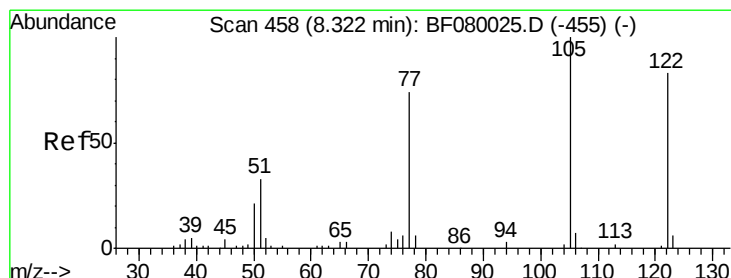
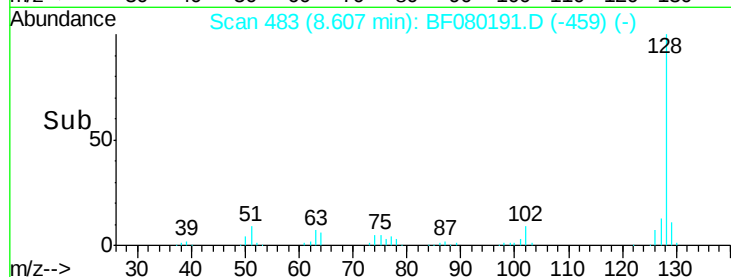
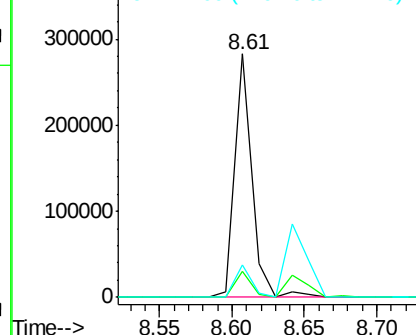
#31
Naphthalene
Concen: 44.69 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 232594
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 9.9 14.9

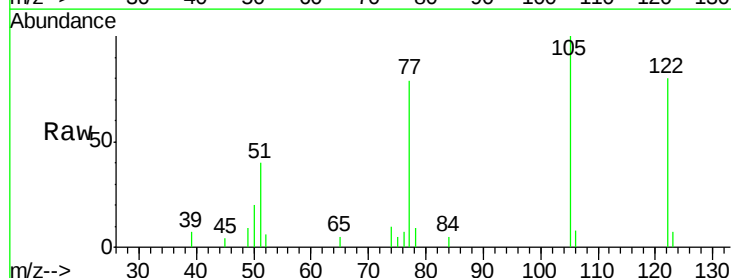


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

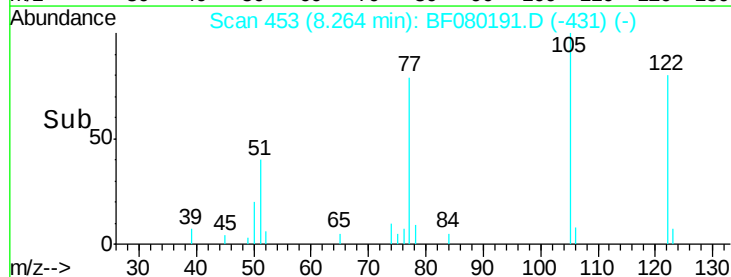
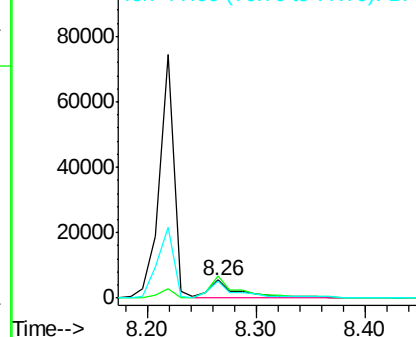


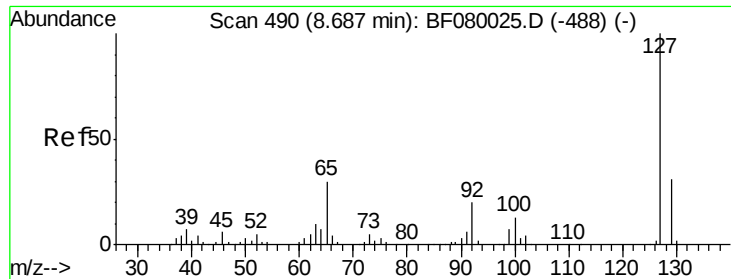
#32
Benzoic acid
Concen: 11.13 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.05 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:122 Resp: 10366
Ion Ratio Lower Upper
122 100
105 124.3 76.1 116.1#
77 98.4 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

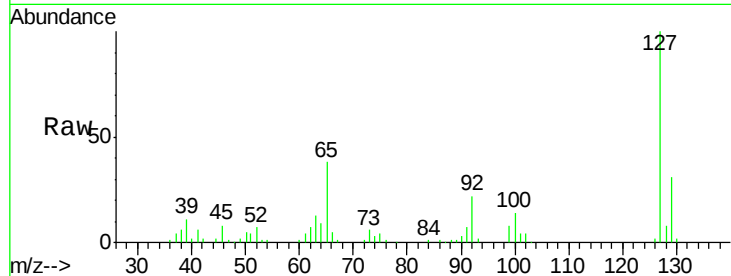




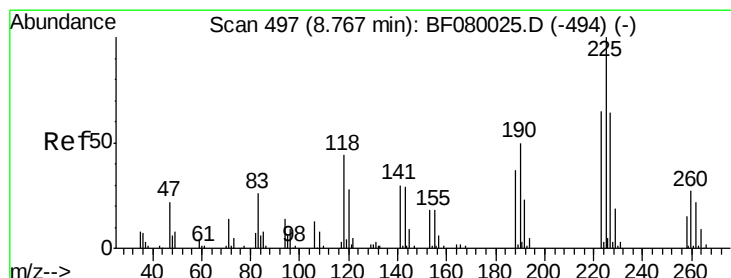
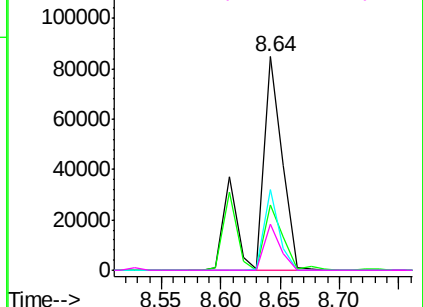
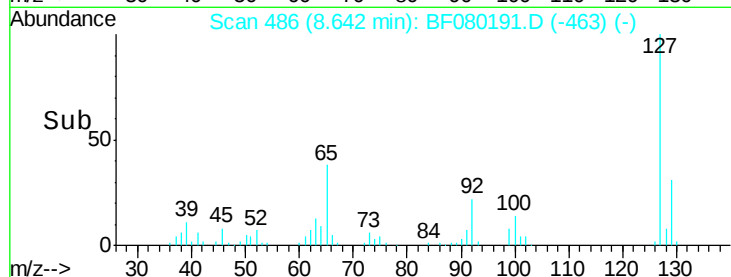
#33
4-Chloroaniline
Concen: 52.83 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	117682
Ion	Ratio	Lower	Upper
127	100		
129	30.7	25.8	38.6
65	37.6	17.9	26.9#
92	21.5	10.5	15.7#

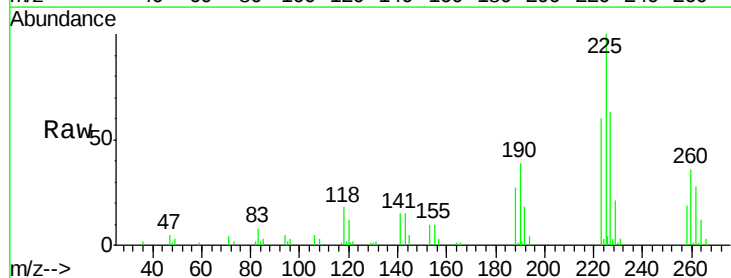


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

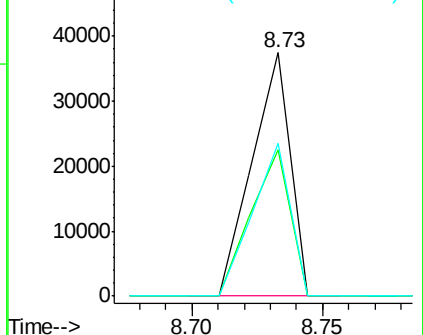
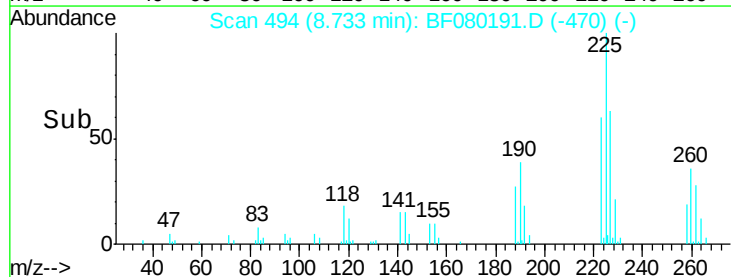


#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:	225	Resp:	38405
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.2	75.2
227	62.6	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

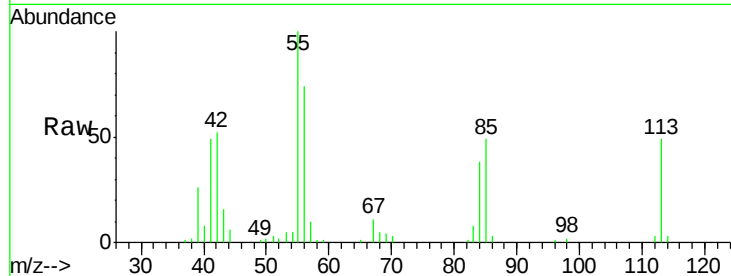




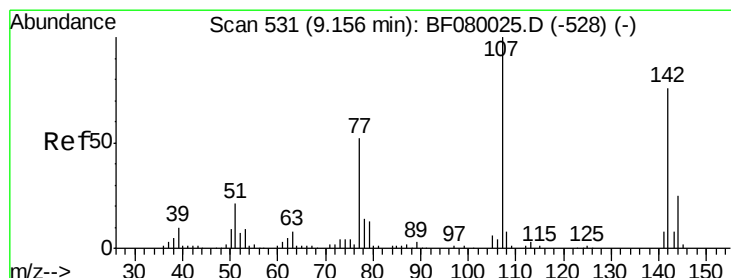
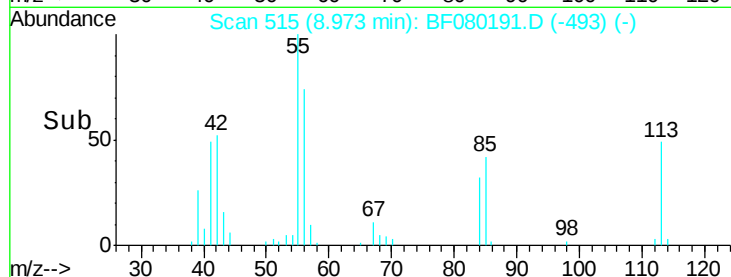
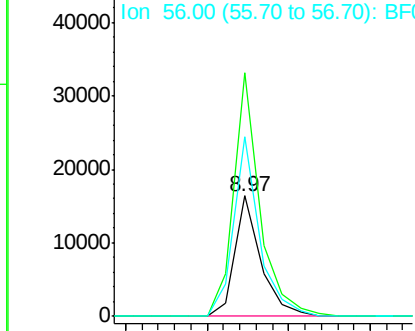
#35
 Caprolactam
 Concen: 42.02 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.05 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 17995
 Ion Ratio Lower Upper
 113 100
 55 202.3 152.4 192.4#
 56 149.5 104.6 144.6#

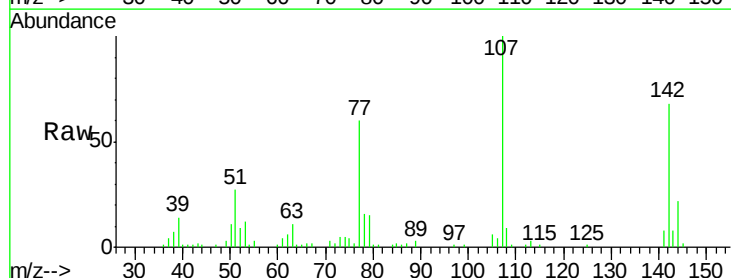


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

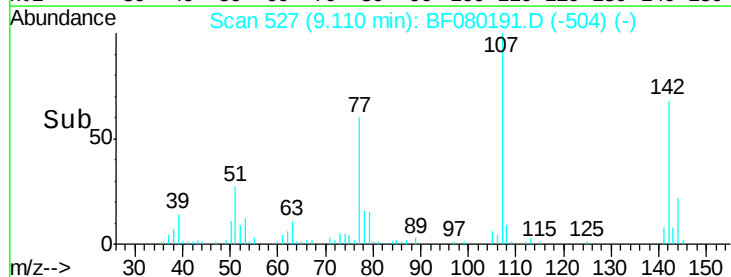
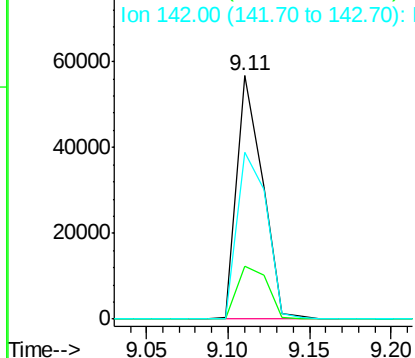


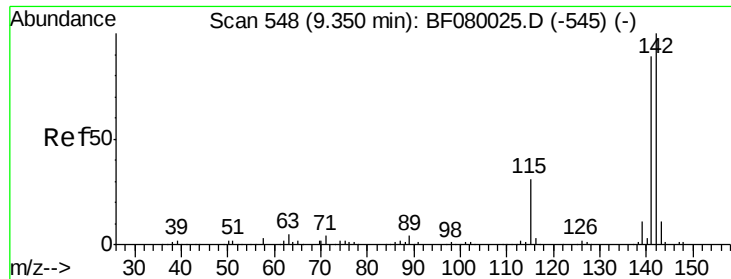
#36
 4-Chloro-3-methylphenol
 Concen: 41.37 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:107 Resp: 61561
 Ion Ratio Lower Upper
 107 100
 144 22.0 25.4 38.0#
 142 68.5 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

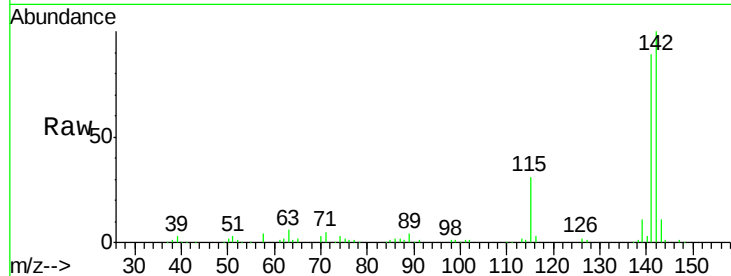




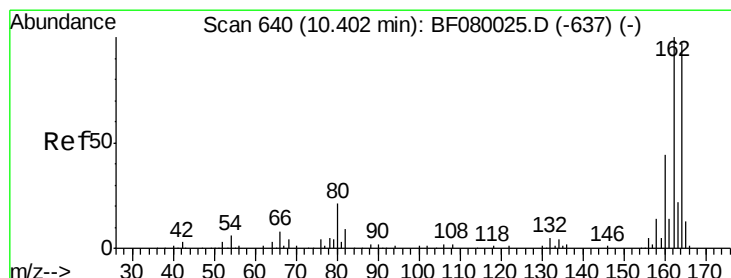
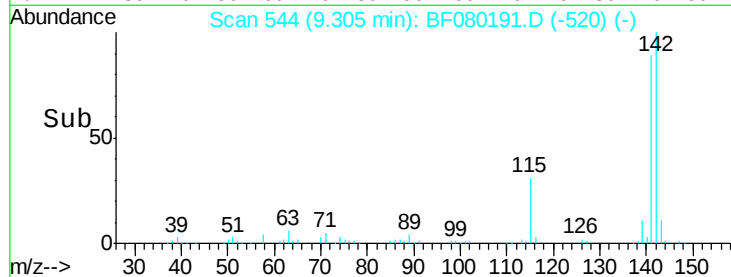
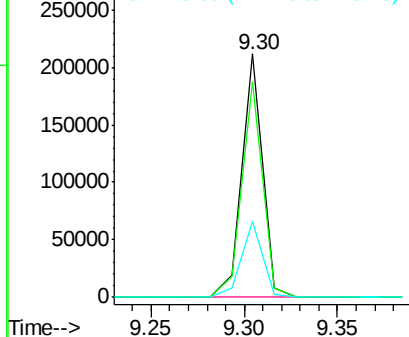
#37
 2-Methylnaphthalene
 Concen: 48.72 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 164037
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 31.4 18.2 27.2#

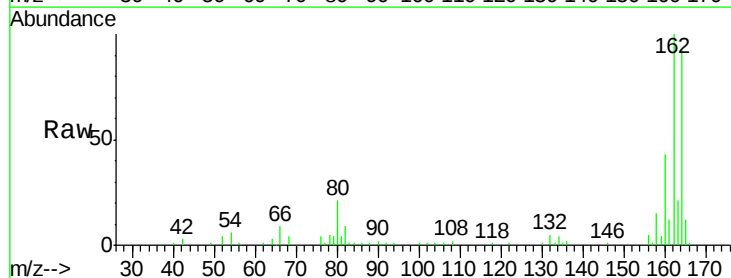


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

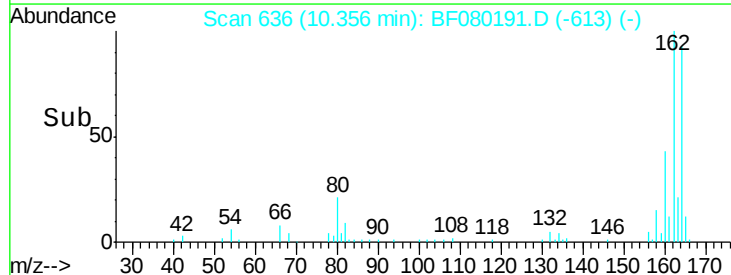
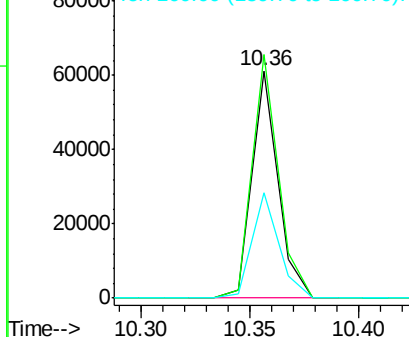


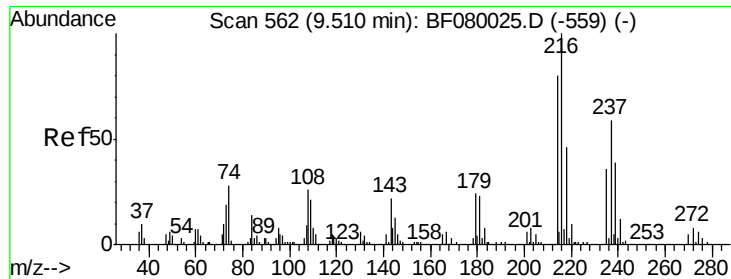
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:164 Resp: 50673
 Ion Ratio Lower Upper
 164 100
 162 107.1 75.2 112.8
 160 46.1 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: 46.97 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080191.D

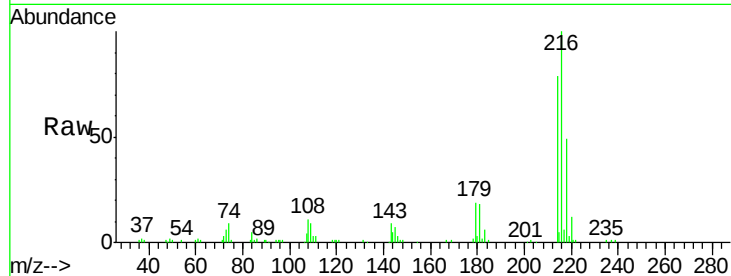
Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	69255
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.5 95.3
179	21.1	16.6 24.8
108	18.4	16.3 24.5

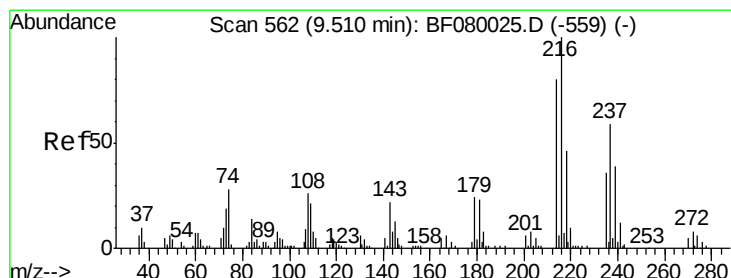
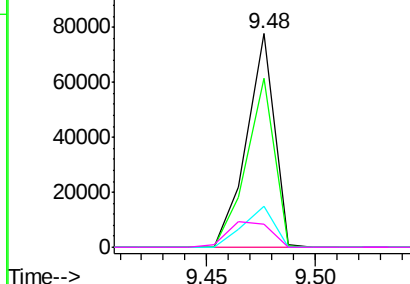
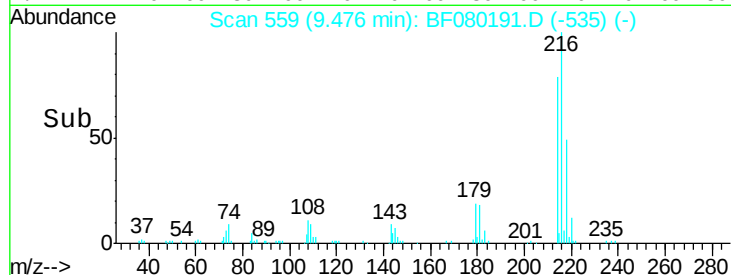


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.01 ng

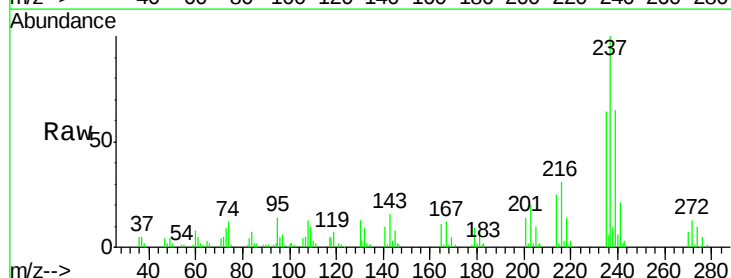
RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

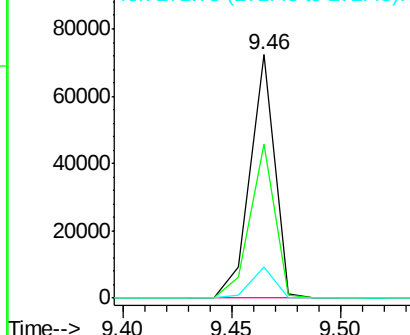
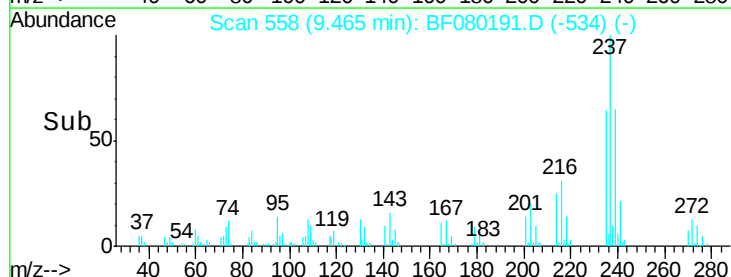
Tgt Ion:237	Resp:	56600
Ion Ratio	Lower	Upper
237	100	
235	63.5	42.0 82.0
272	12.9	0.0 36.1



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

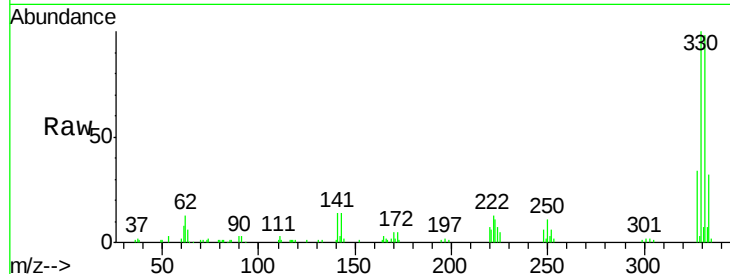




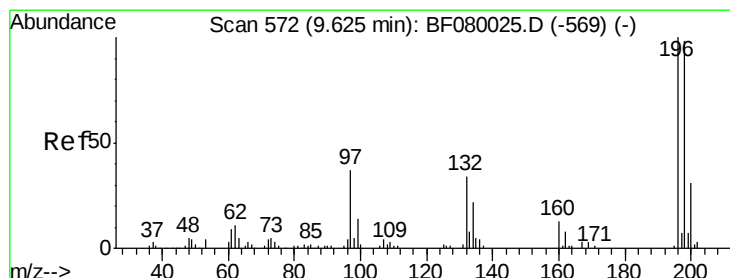
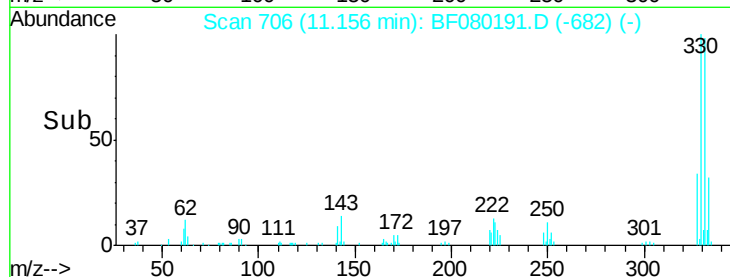
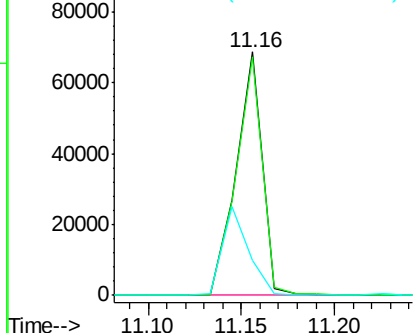
#41
 2,4,6-Tribromophenol
 Concen: 135.68 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 67230
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.6 114.8
 141 36.3 29.7 44.5

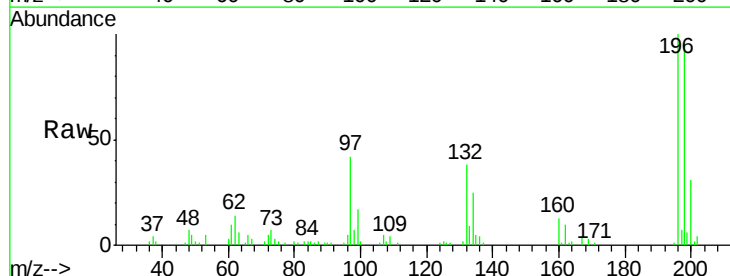


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

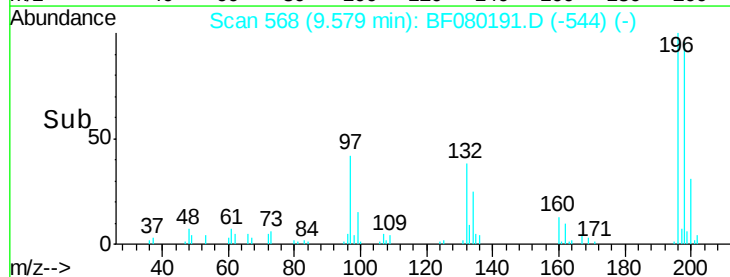
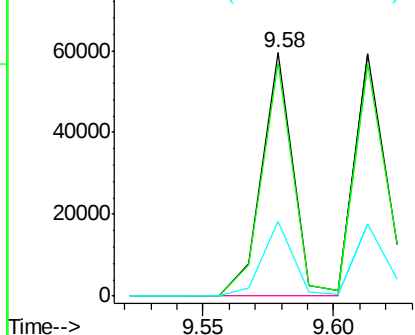


#42
 2,4,6-Trichlorophenol
 Concen: 48.90 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:196 Resp: 49067
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 30.6 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

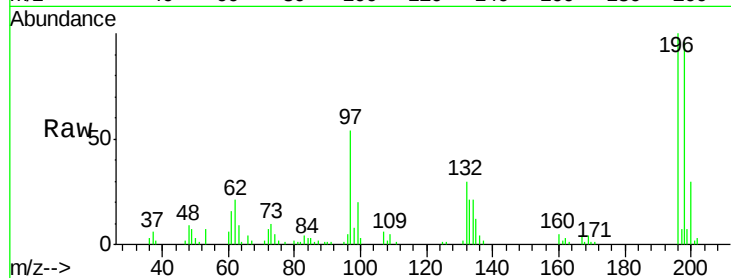




#43
 2,4,5-Trichlorophenol
 Concen: 43.72 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
97	53.6	33.3	49.9
132	30.0	24.6	37.0



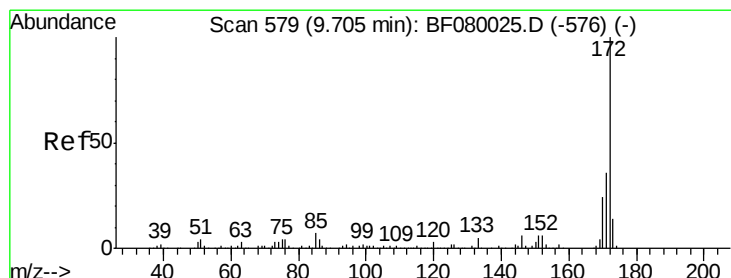
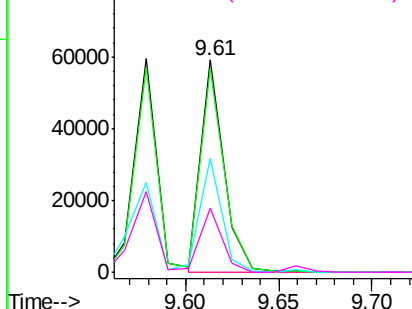
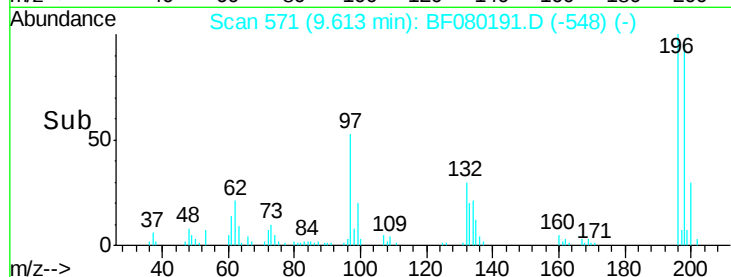
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

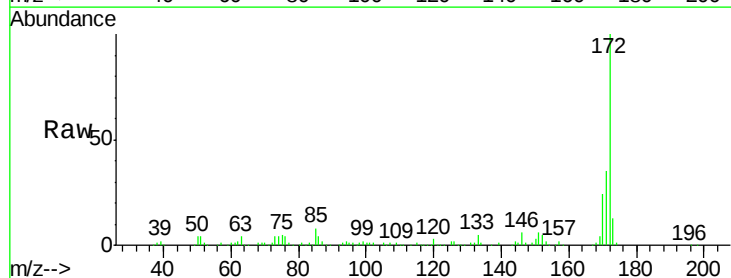
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.7	17.4	26.2

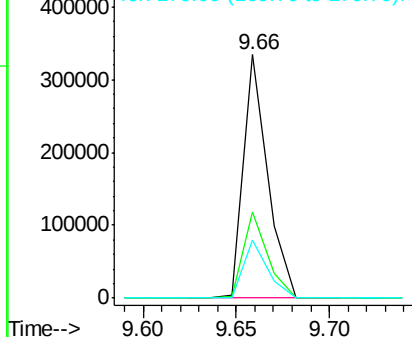
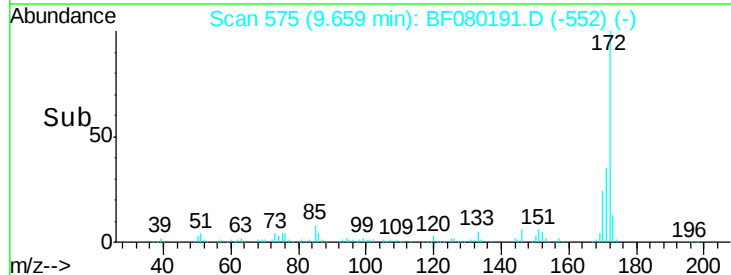


Abundance

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

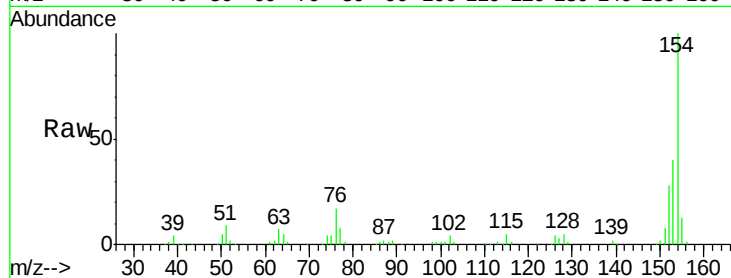




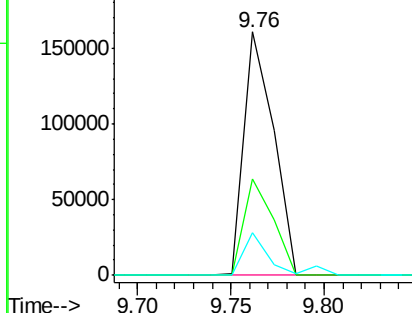
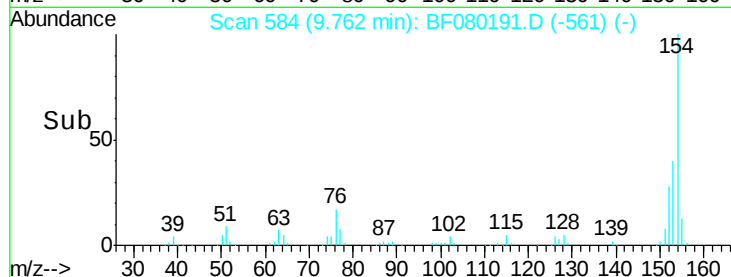
#45
 1,1'-Biphenyl
 Concen: 42.97 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 177142
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 17.4 0.0 31.6

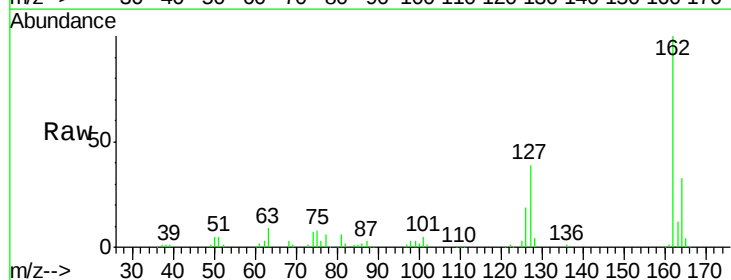


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

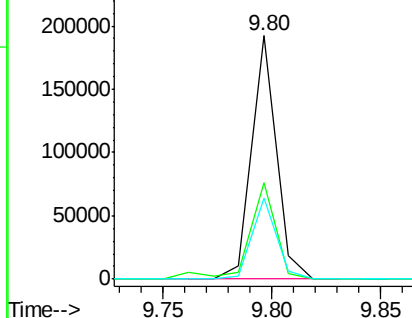
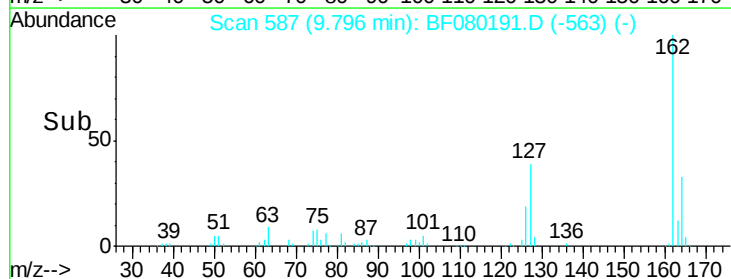


#46
 2-Chloronaphthalene
 Concen: 45.27 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:162 Resp: 151449
 Ion Ratio Lower Upper
 162 100
 127 39.5 27.6 41.4
 164 33.5 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

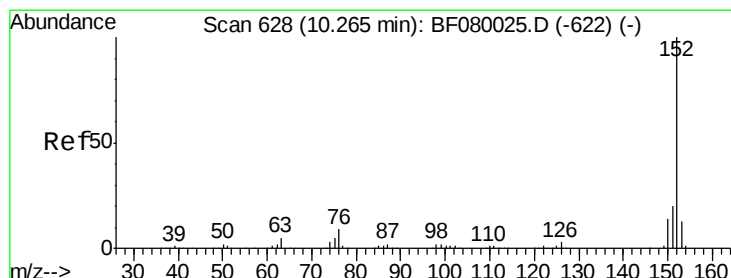
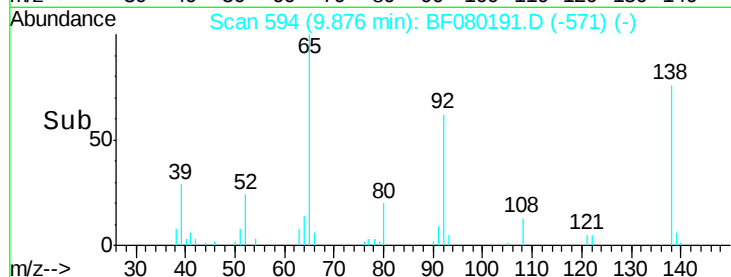
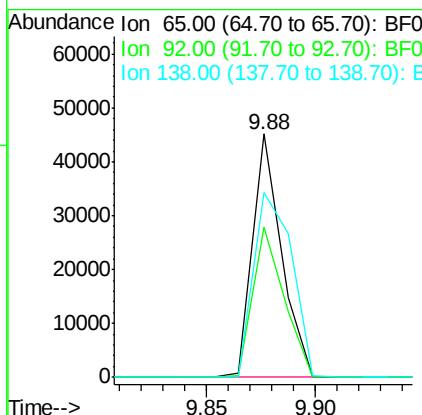
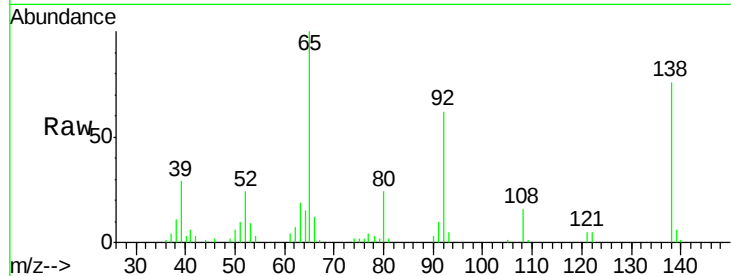




#47
 2-Nitroaniline
 Concen: 45.47 ng
 RT: 9.88 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

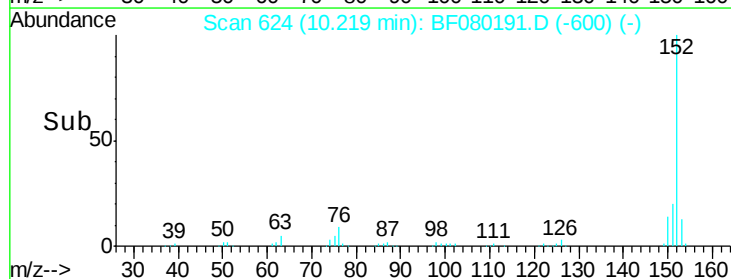
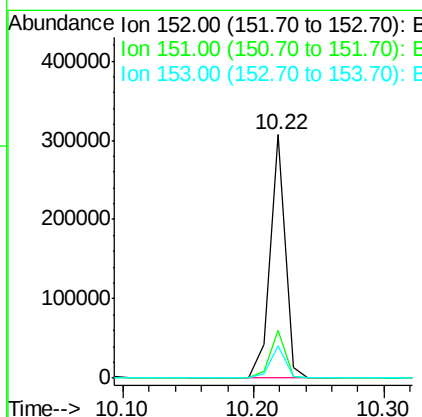
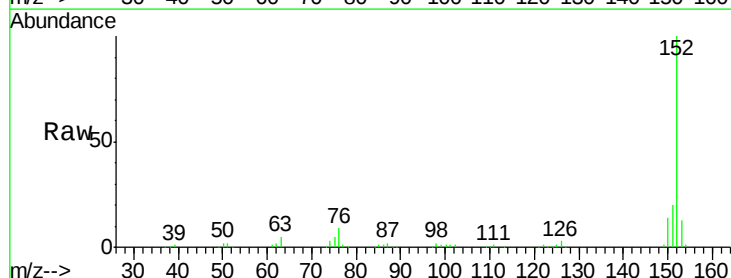
Instrument :
 BNA_F
 ClientSampleId :

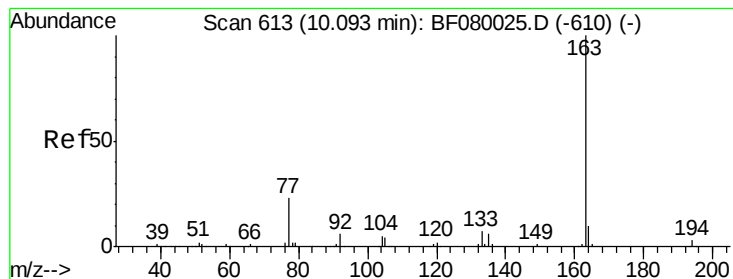
Tot Ion: 65 Resp: 41751
 Ion Ratio Lower Upper
 65 100
 92 61.7 55.4 83.0
 138 76.0 115.5 173.3#



#48
 Acenaphthylene
 Concen: 44.80 ng
 RT: 10.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion: 152 Resp: 250161
 Ion Ratio Lower Upper
 152 100
 151 19.8 14.6 22.0
 153 13.1 10.3 15.5





#49

Dimethylphthalate

Concen: 54.15 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

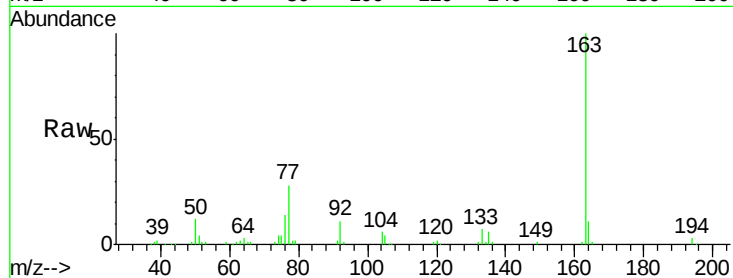
Tot Ion:163 Resp: 206290

Ion Ratio Lower Upper

163 100

194 3.0 4.4 6.6#

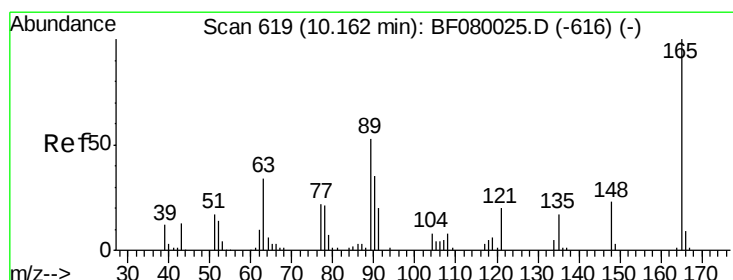
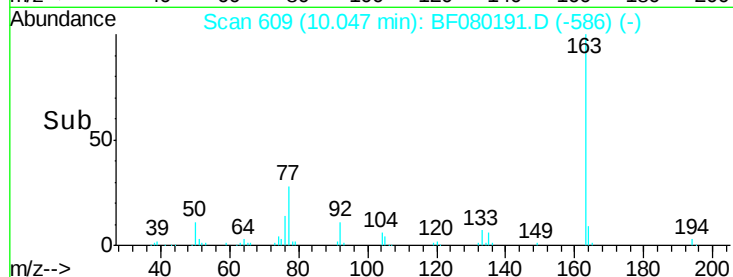
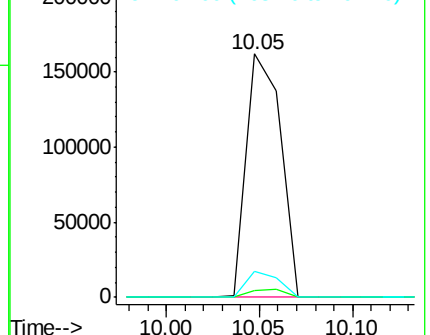
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.95 ng

RT: 10.12 min Scan# 615

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

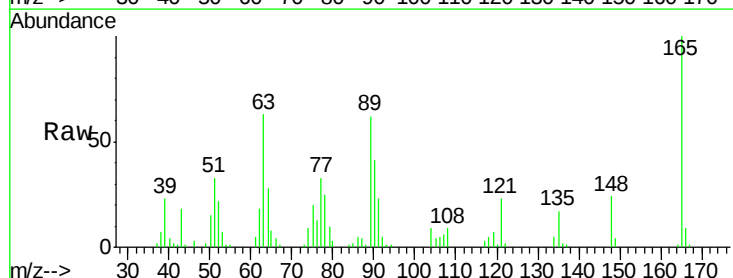
Tgt Ion:165 Resp: 35859

Ion Ratio Lower Upper

165 100

63 63.1 32.3 48.5#

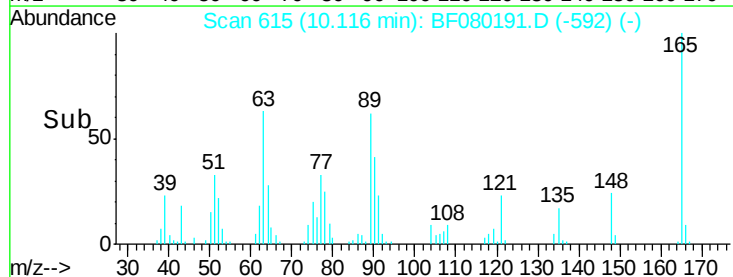
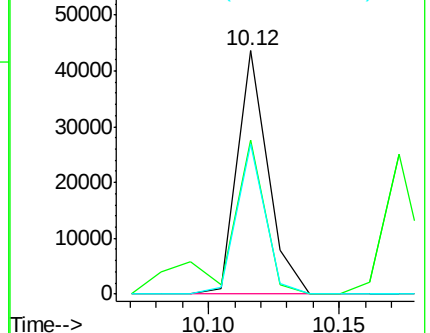
89 61.8 28.6 43.0#

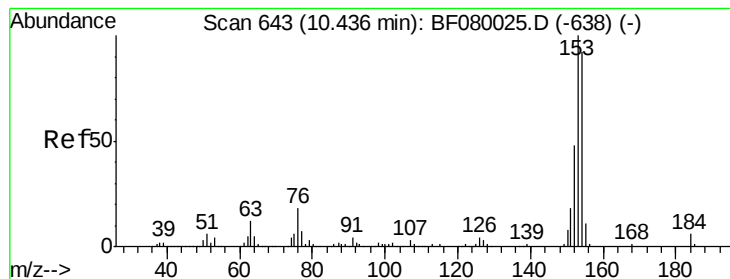


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.55 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

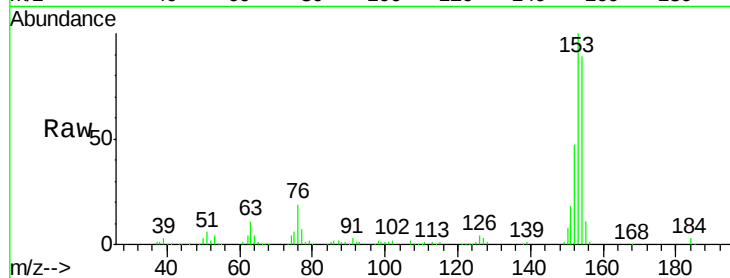
Tot Ion:154 Resp: 155595

Ion Ratio Lower Upper

154 100

153 112.2 82.1 123.1

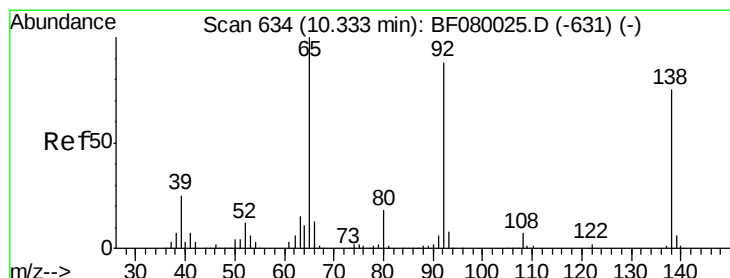
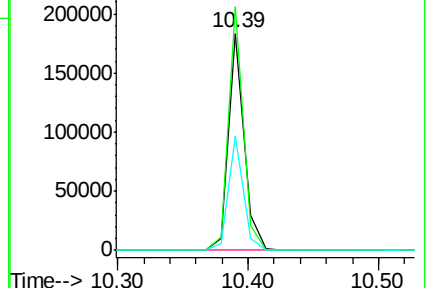
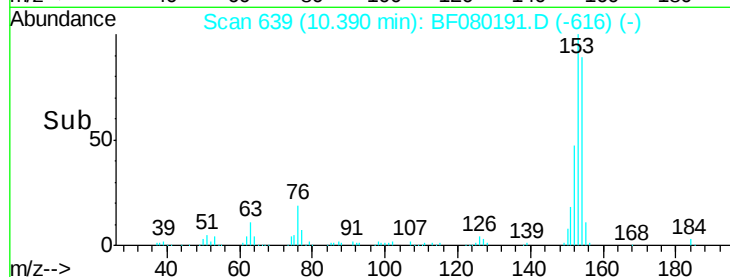
152 52.9 37.9 56.9



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: 45.91 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

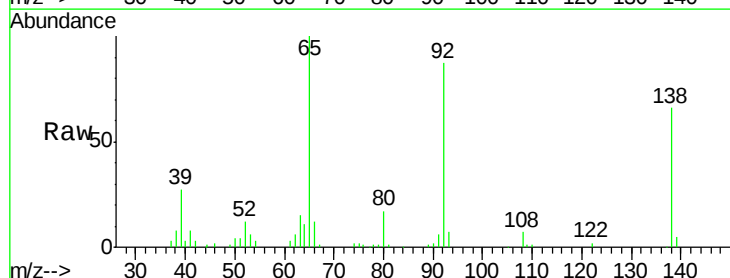
Tgt Ion:138 Resp: 40458

Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

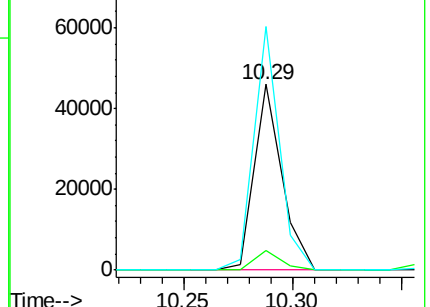
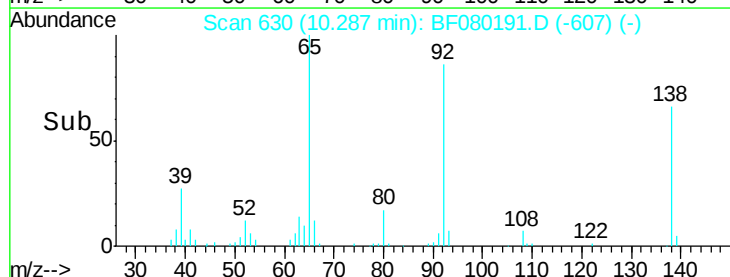
92 131.1 67.7 101.5#

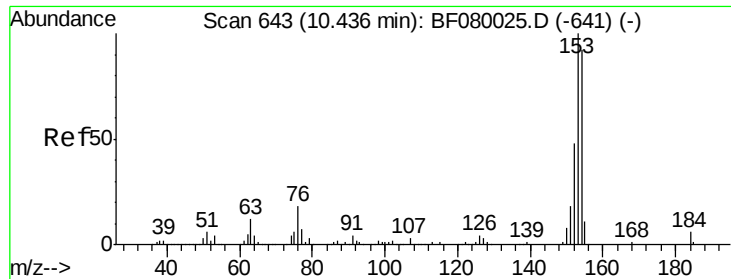


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 71.42 ng

RT: 10.40 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampled :

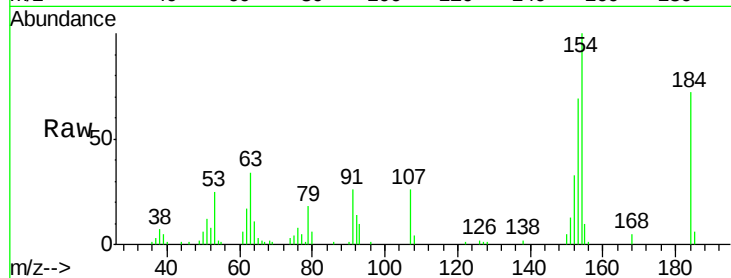
Tot Ion:184 Resp: 21992

Ion Ratio Lower Upper

184 100

63 47.1 35.4 53.2

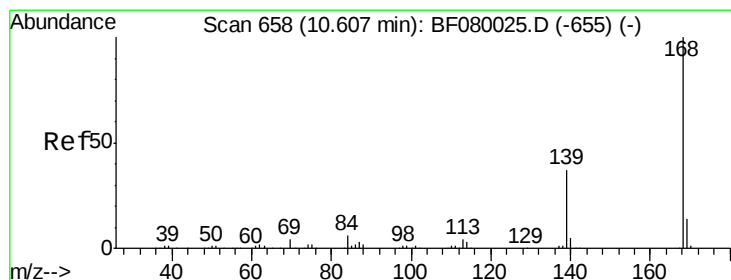
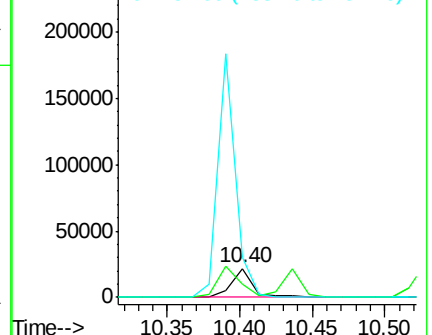
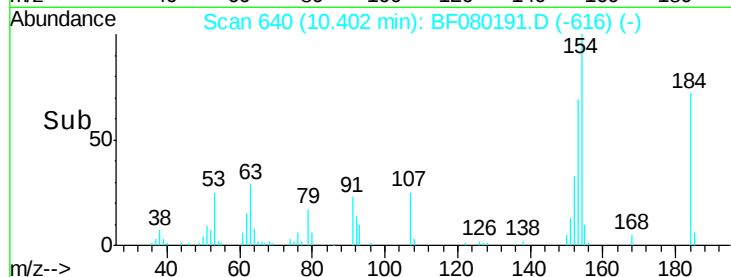
154 138.3 32.2 48.4#



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: 45.91 ng

RT: 10.56 min Scan# 654

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

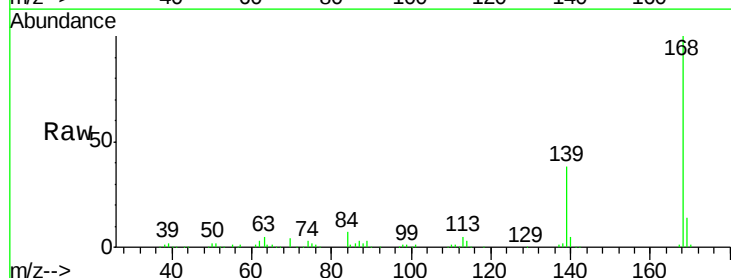
Tgt Ion:168 Resp: 222529

Ion Ratio Lower Upper

168 100

139 37.7 24.2 36.2#

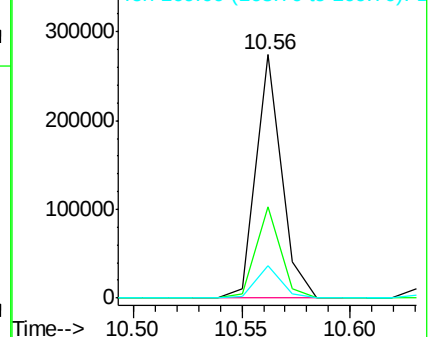
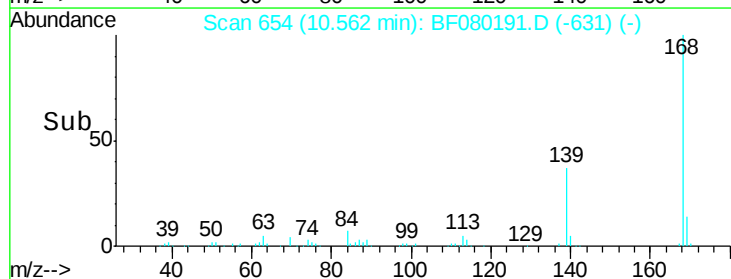
169 13.6 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 95.91 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

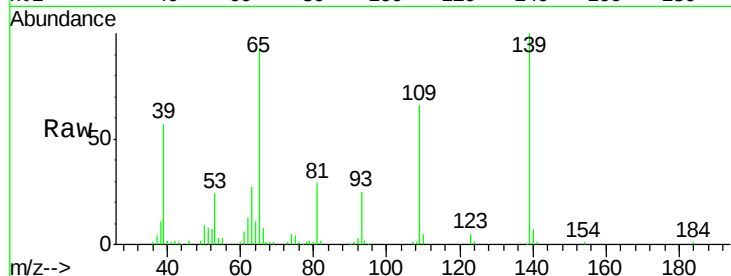
Tot Ion:139 Resp: 67552

Ion Ratio Lower Upper

139 100

109 65.6 12.7 52.7#

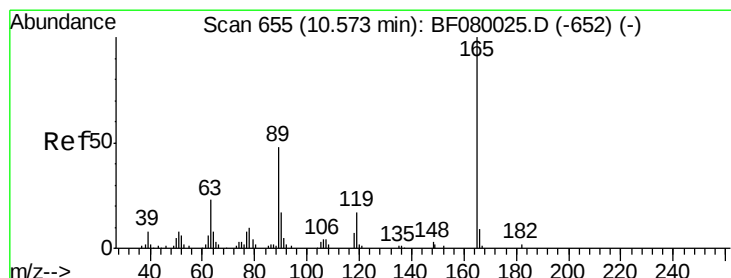
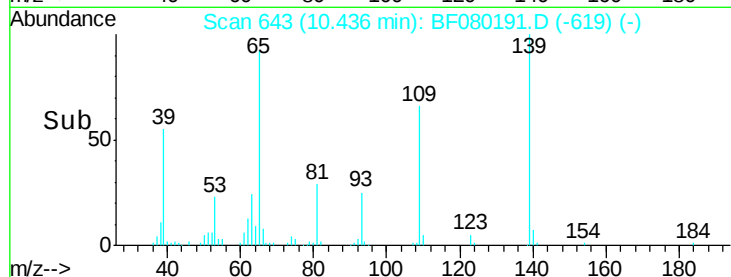
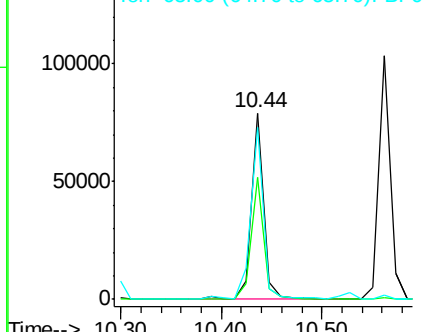
65 92.1 45.9 85.9#



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): E



#56

2,4-Dinitrotoluene

Concen: 53.29 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:165 Resp: 51650

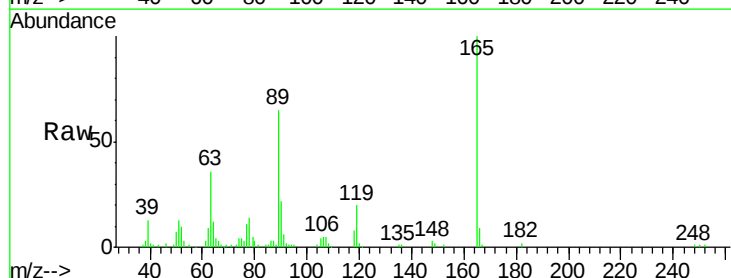
Ion Ratio Lower Upper

165 100

63 35.9 29.8 44.6

89 64.7 44.5 66.7

182 2.2 3.0 4.4#

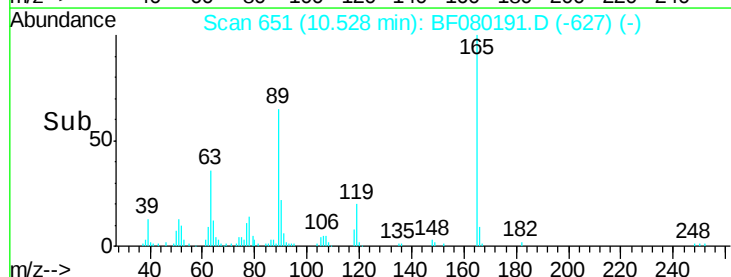
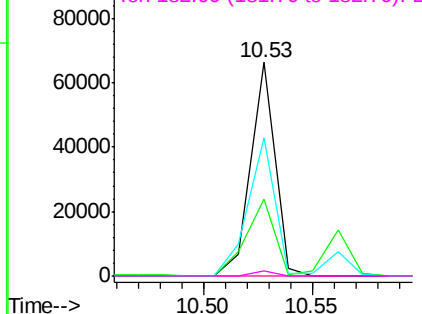


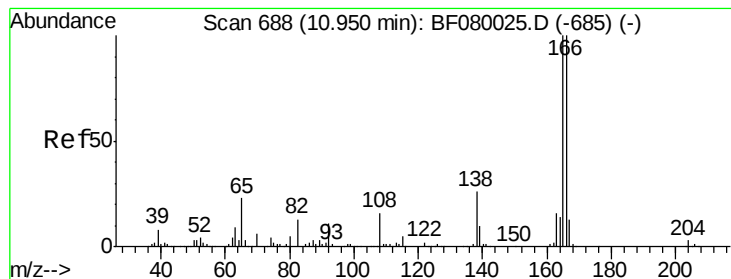
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.70 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

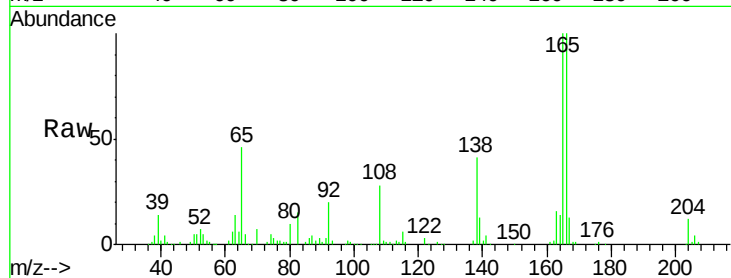
Tot Ion:166 Resp: 164209

Ion Ratio Lower Upper

166 100

165 99.6 72.6 109.0

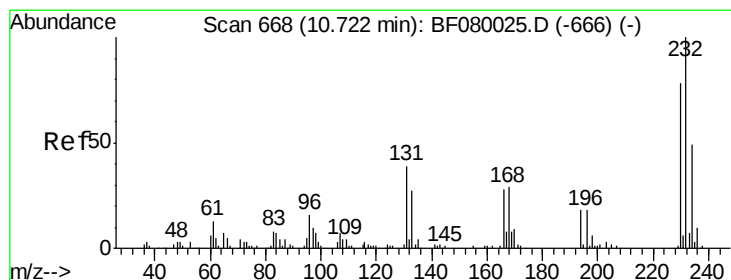
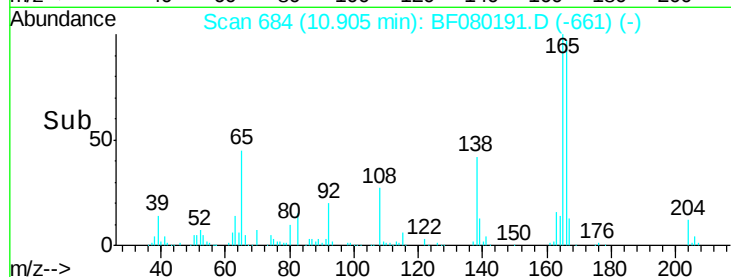
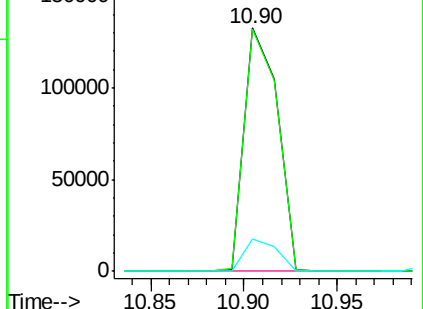
167 13.4 10.6 16.0



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: 44.89 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:232 Resp: 43810

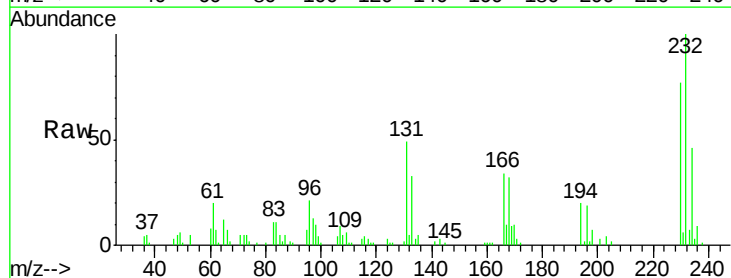
Ion Ratio Lower Upper

232 100

131 45.5 38.5 57.7

130 1.5 1.8 2.6#

166 30.4 25.0 37.6

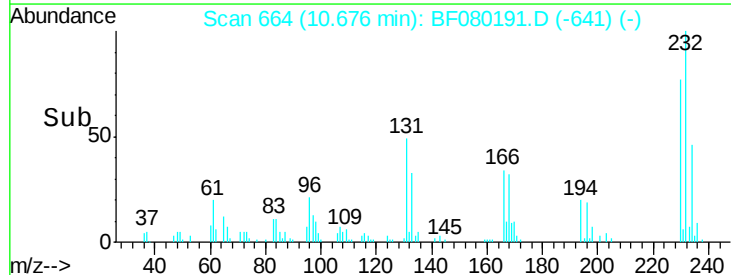
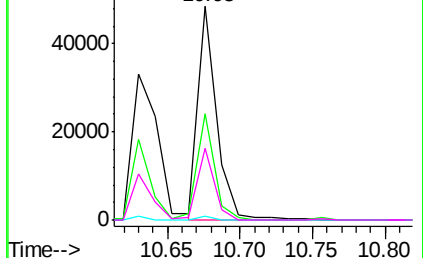


Abundance Ion 232.00 (231.70 to 232.70): E

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

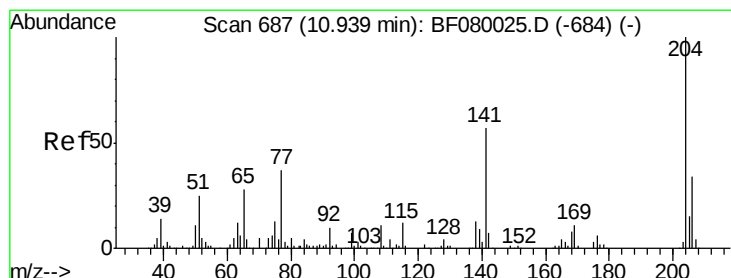
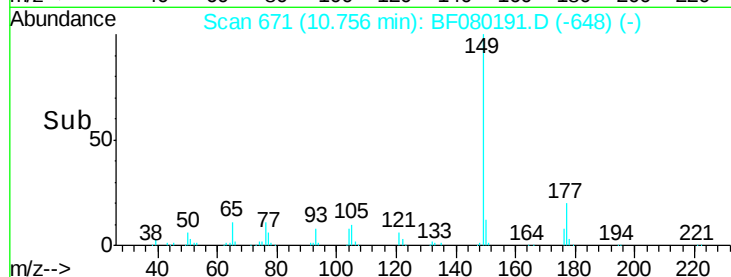
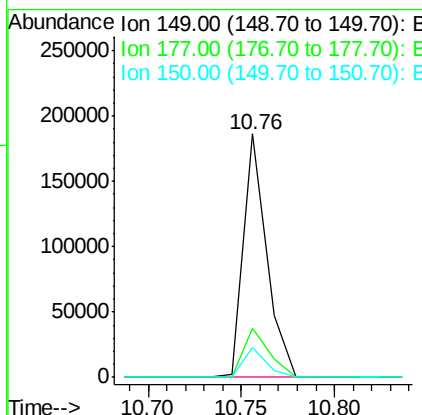
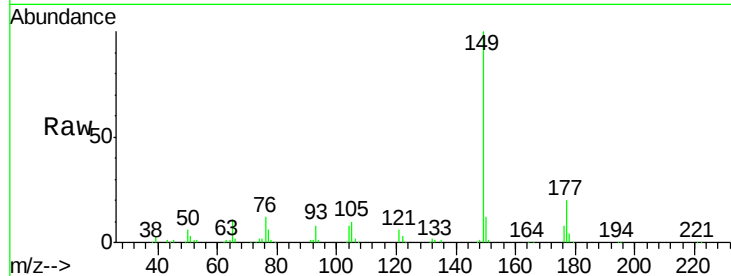




#59
Diethylphthalate
Concen: 42.34 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

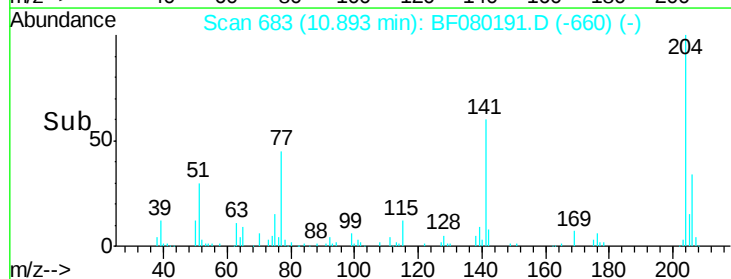
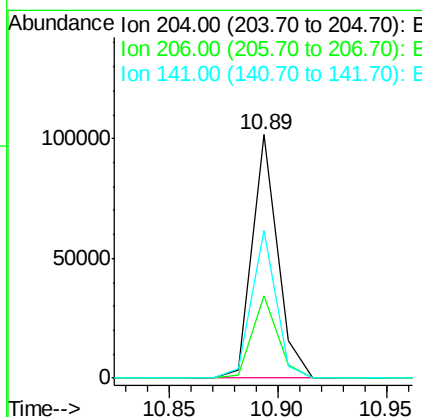
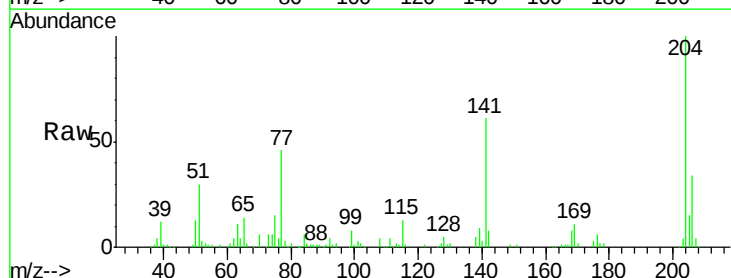
Instrument :
BNA_F
ClientSampled :

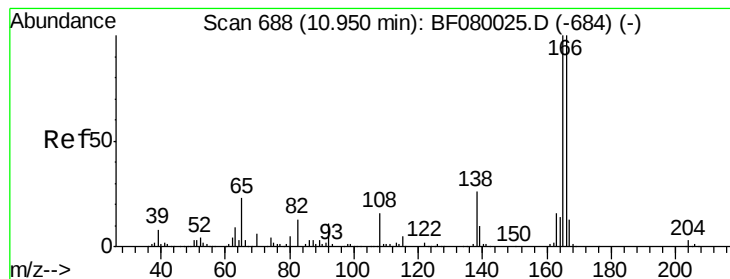
Tot Ion:149 Resp: 162435
Ion Ratio Lower Upper
149 100
177 20.2 17.5 26.3
150 12.5 9.4 14.2



#60
4-Chlorophenyl-phenylether
Concen: 44.87 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:204 Resp: 82920
Ion Ratio Lower Upper
204 100
206 33.8 24.8 37.2
141 60.6 42.2 63.4

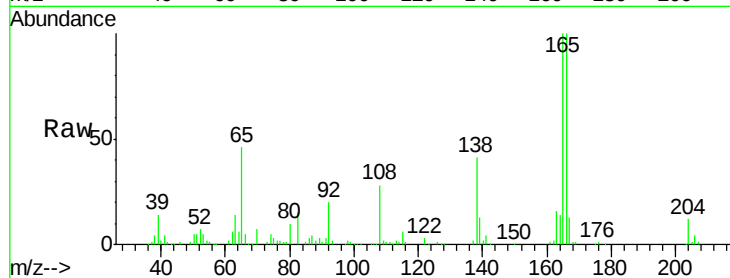




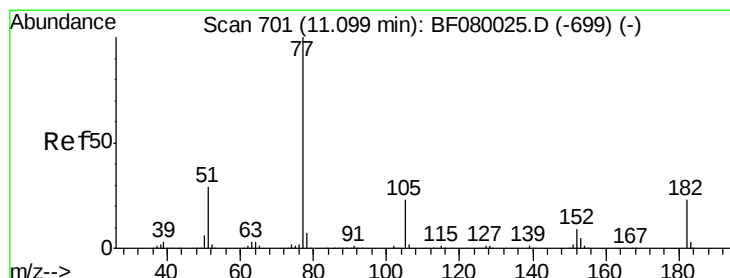
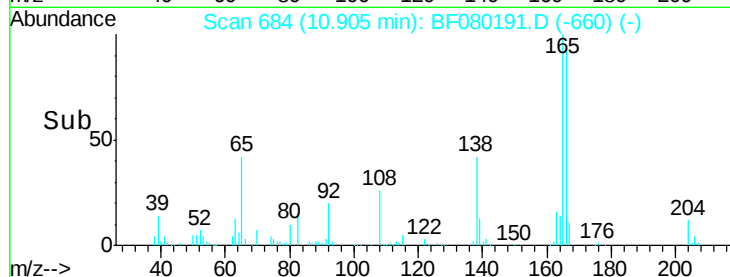
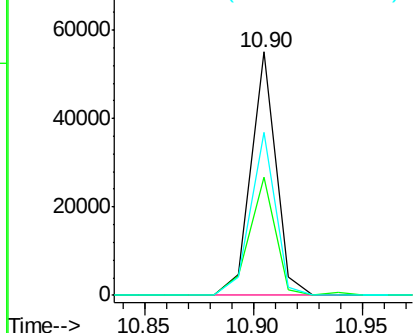
#61
4-Nitroaniline
Concen: 48.16 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 43833
Ion Ratio Lower Upper
138 100
92 48.3 12.6 52.6
108 66.8 12.4 52.4#

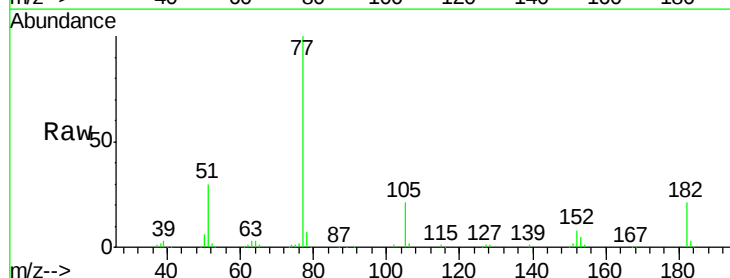


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

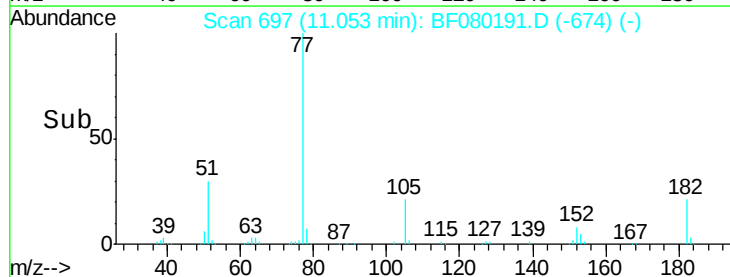
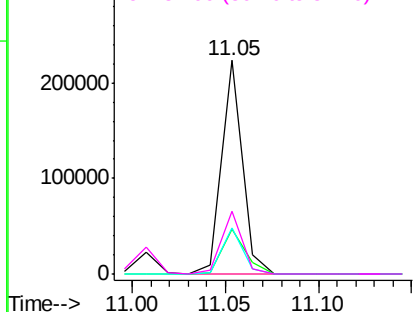


#62
Azobenzene
Concen: 44.78 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion: 77 Resp: 174846
Ion Ratio Lower Upper
77 100
182 20.8 15.1 55.1
105 21.4 3.4 43.4
51 29.6 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

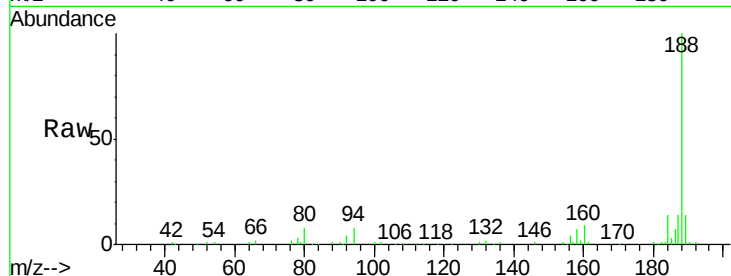




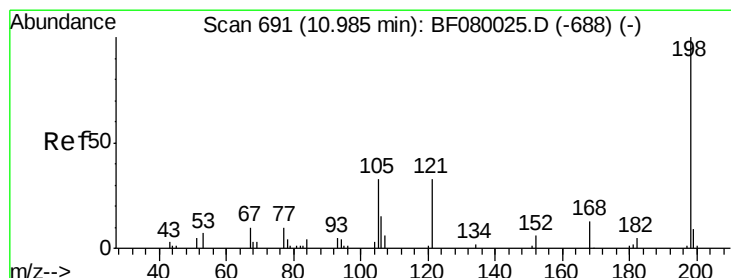
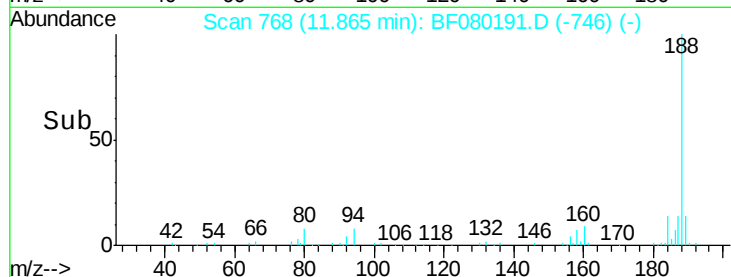
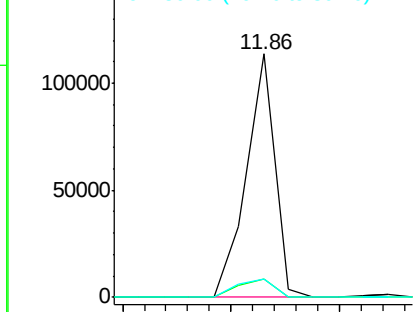
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 103471
 Ion Ratio Lower Upper
 188 100
 94 7.5 11.1 16.7#
 80 7.7 11.0 16.4#

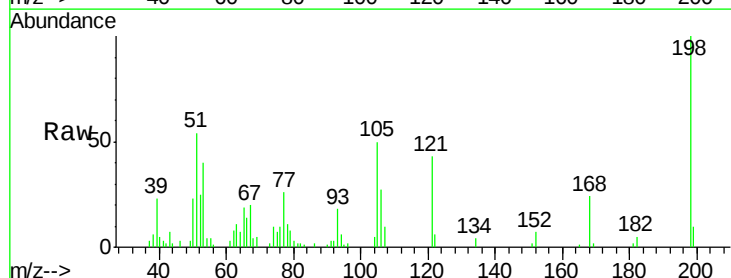


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

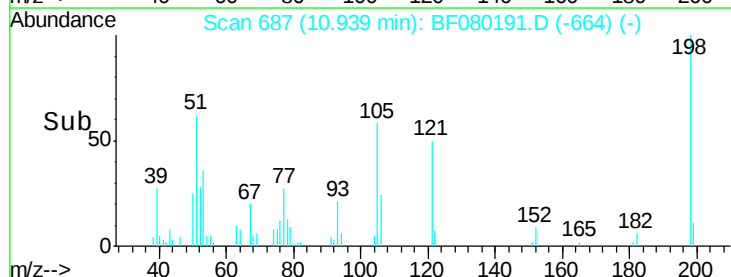
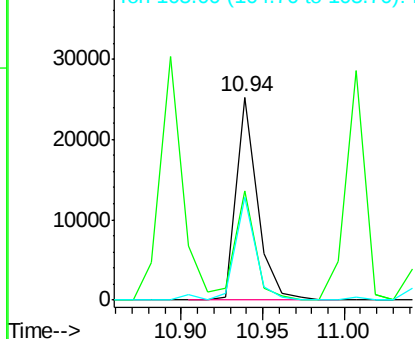


#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.17 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:198 Resp: 22323
 Ion Ratio Lower Upper
 198 100
 51 53.9 39.6 79.6
 105 50.4 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

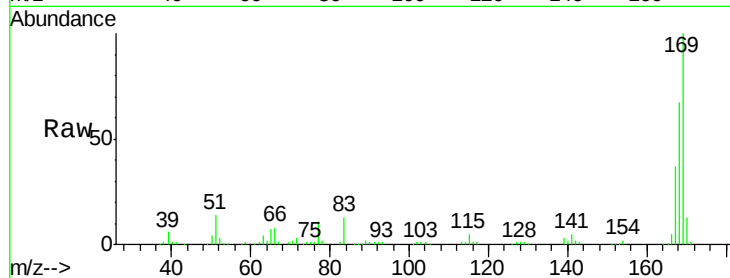




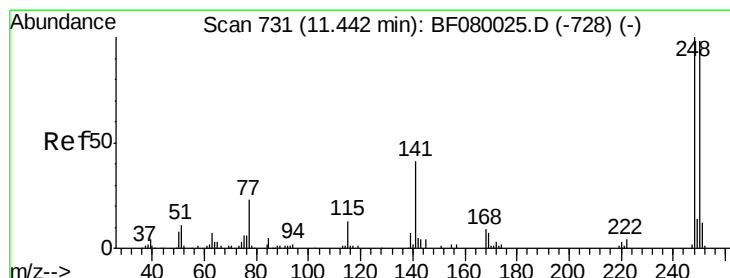
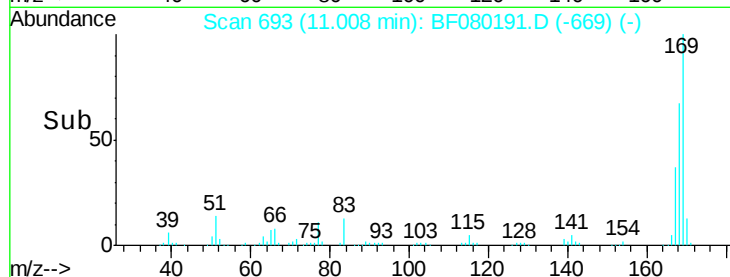
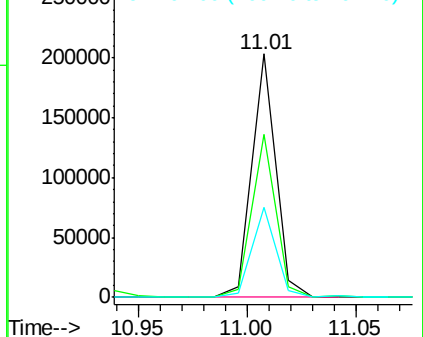
#65
 n-Nitrosodiphenylamine
 Concen: 46.27 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 155884
 Ion Ratio Lower Upper
 169 100
 168 67.0 48.9 73.3
 167 36.9 26.2 39.4

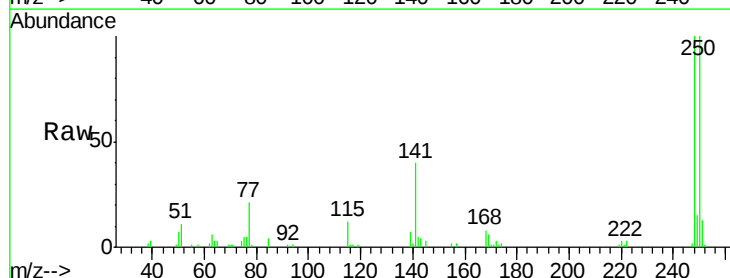


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

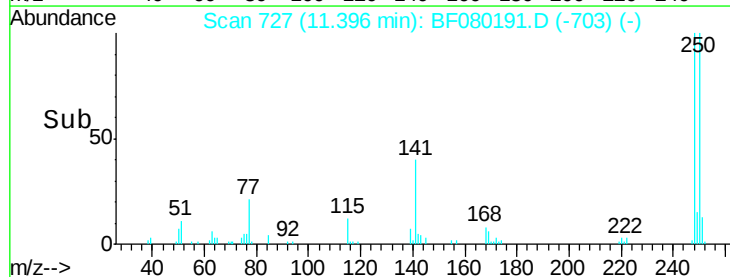
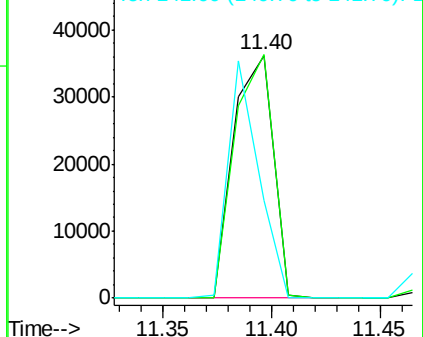


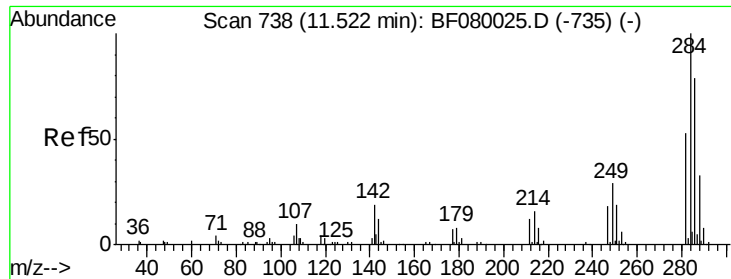
#66
 4-Bromophenyl-phenylether
 Concen: 41.51 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:248 Resp: 45674
 Ion Ratio Lower Upper
 248 100
 250 100.4 78.5 117.7
 141 40.4 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

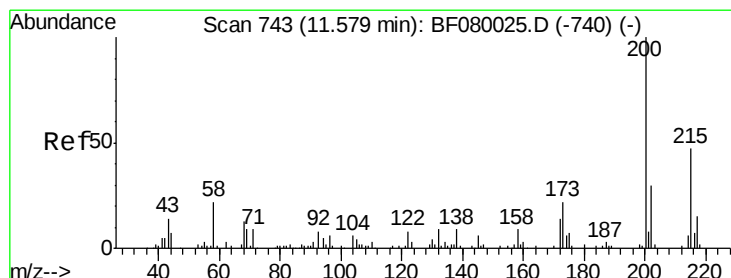
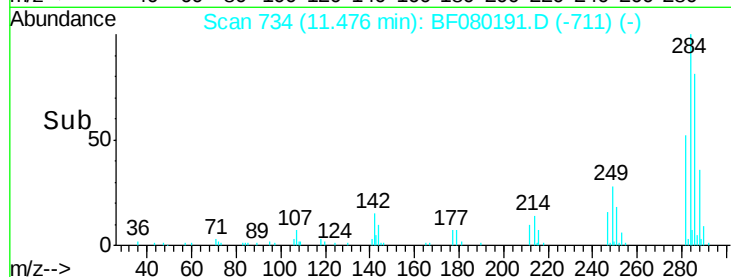
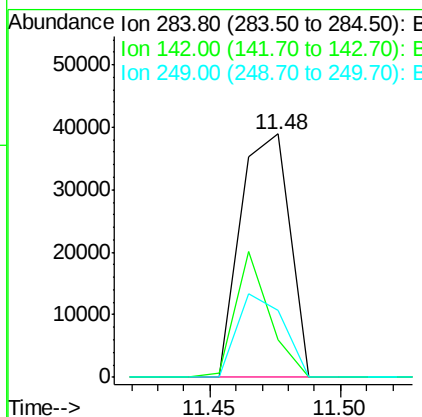
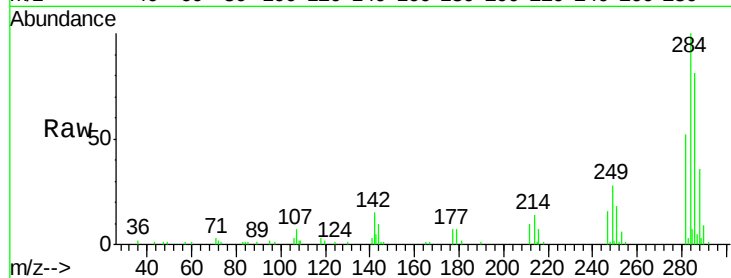




#67
Hexachlorobenzene
Concen: 41.64 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

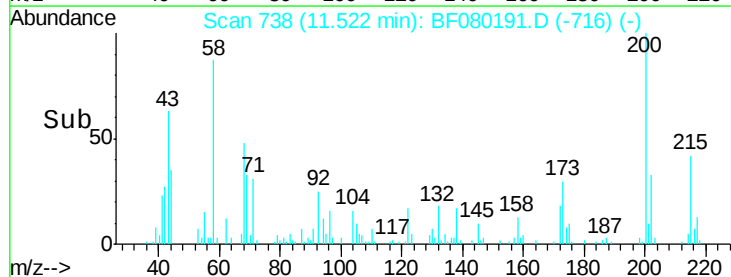
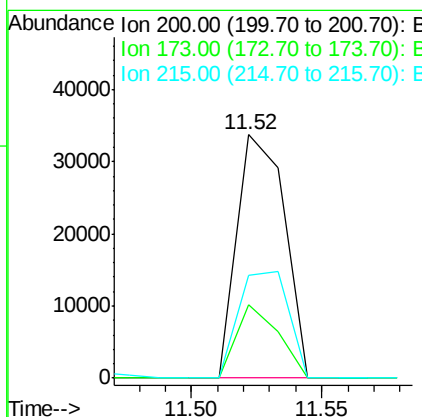
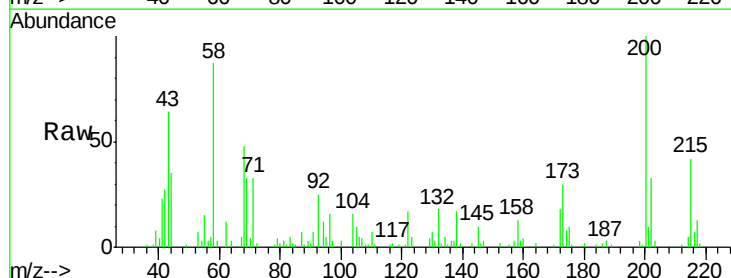
Instrument :
BNA_F
ClientSampleId :

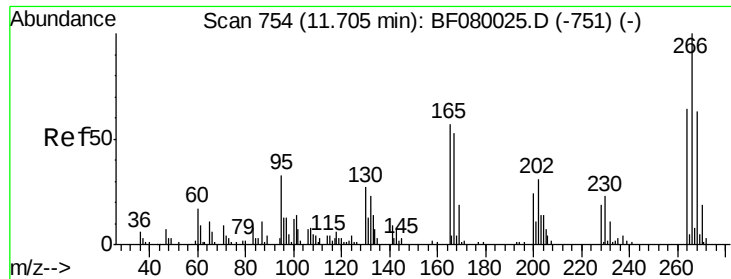
Tot Ion:284 Resp: 50919
Ion Ratio Lower Upper
284 100
142 15.2 29.5 44.3#
249 27.6 19.5 29.3



#68
Atrazine
Concen: 40.49 ng
RT: 11.52 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:200 Resp: 43101
Ion Ratio Lower Upper
200 100
173 30.0 13.2 53.2
215 42.1 41.8 81.8

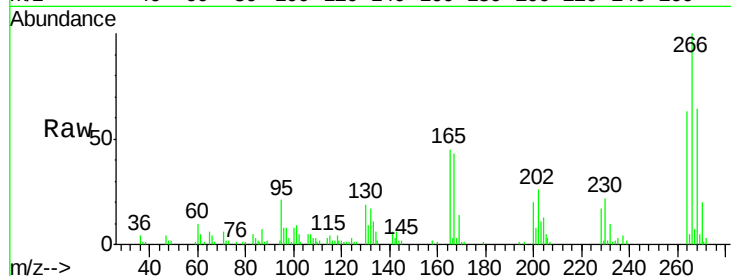




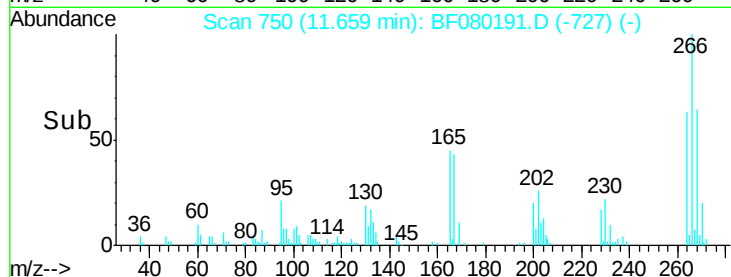
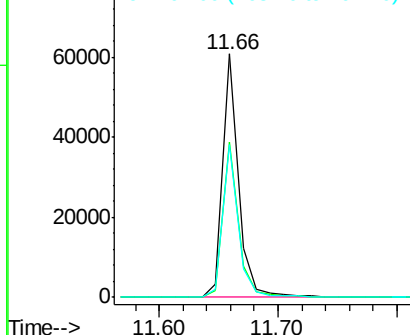
#69
 Pentachlorophenol
 Concen: 80.00 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 55433
 Ion Ratio Lower Upper
 266 100
 268 64.0 49.8 74.6
 264 62.8 50.2 75.2

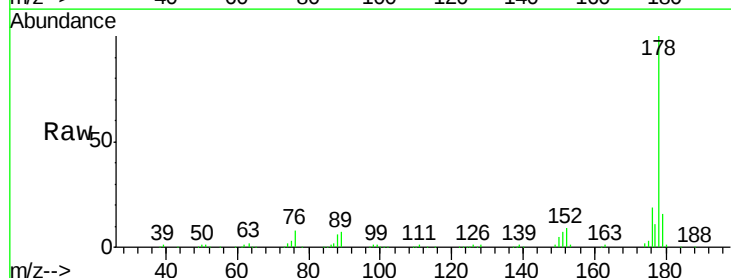


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

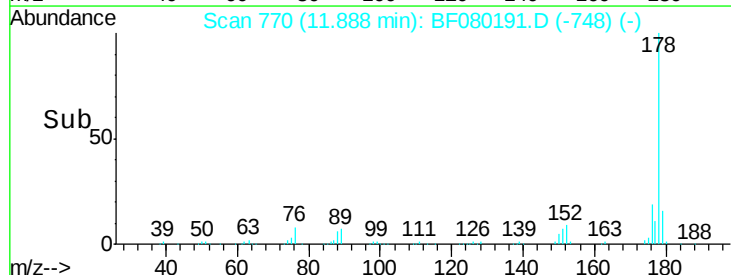
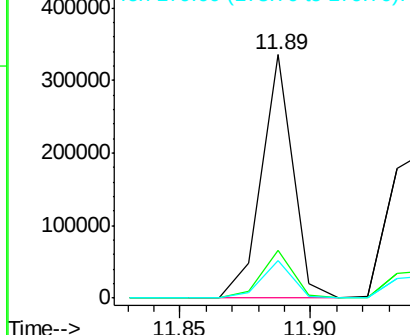


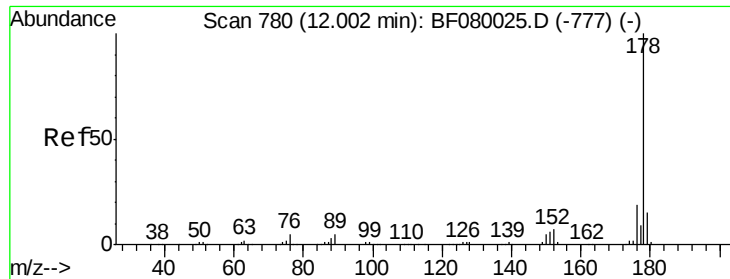
#70
 Phenanthrene
 Concen: 44.23 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:178 Resp: 277097
 Ion Ratio Lower Upper
 178 100
 176 19.4 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

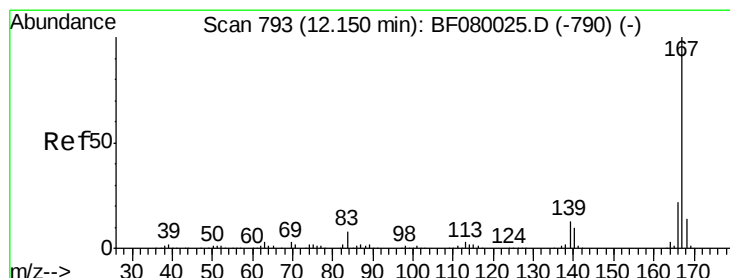
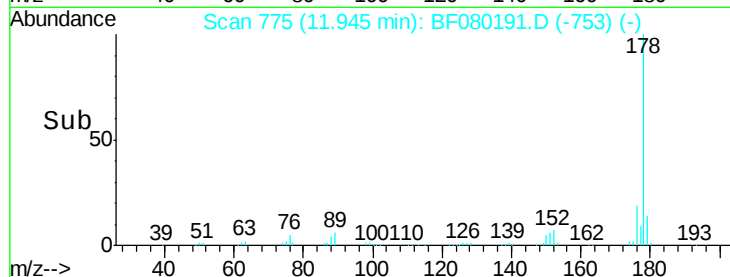
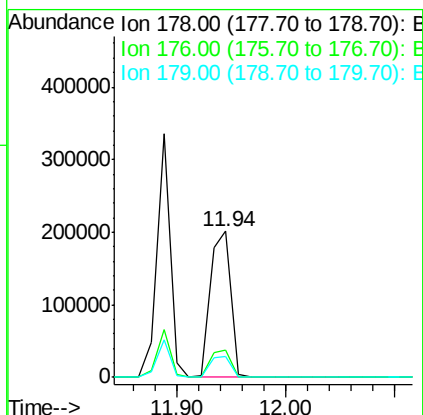
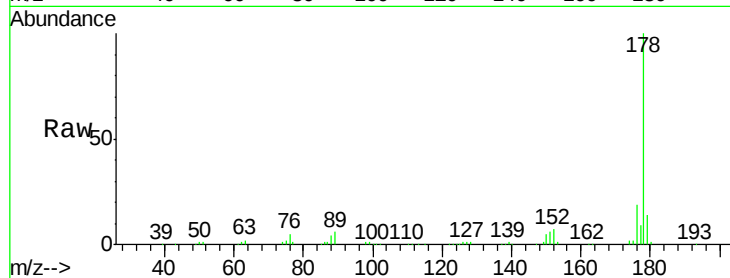




#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

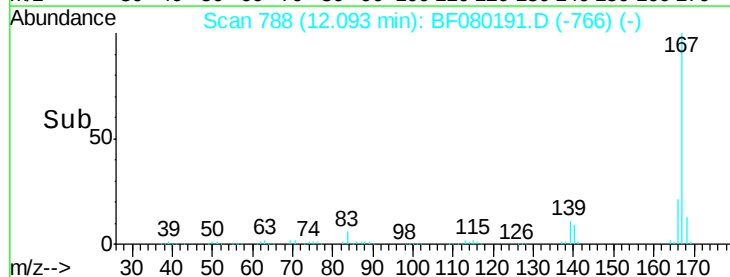
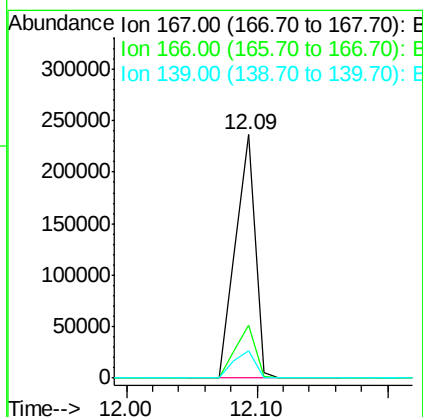
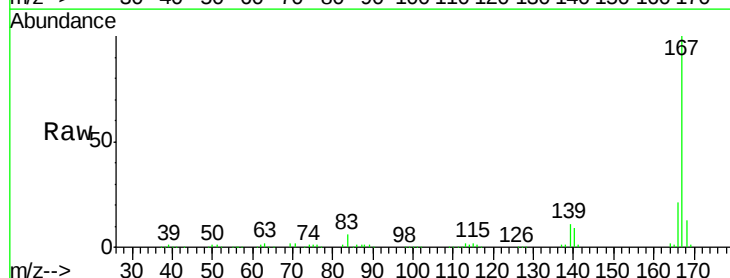
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 267847
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.1 21.1
 179 14.4 12.2 18.2



#72
 Carbazole
 Concen: 42.74 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:167 Resp: 246112
 Ion Ratio Lower Upper
 167 100
 166 21.5 15.7 23.5
 139 11.3 9.5 14.3





#73

Di-n-butylphthalate

Concen: 38.85 ng

RT: 12.41 min Scan# 816

Delta R.T. -0.07 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

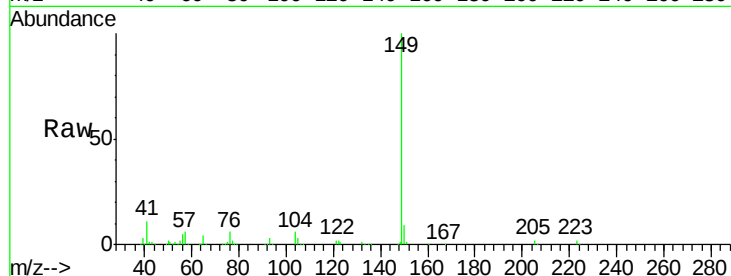
Tot Ion:149 Resp: 258456

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

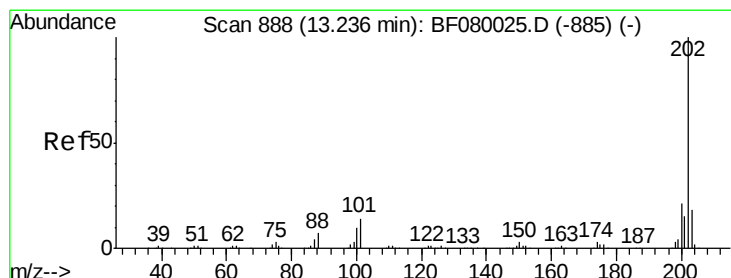
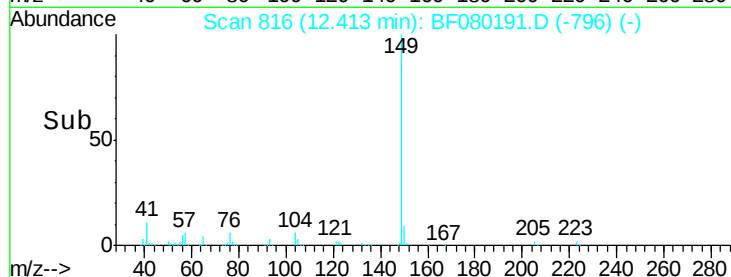
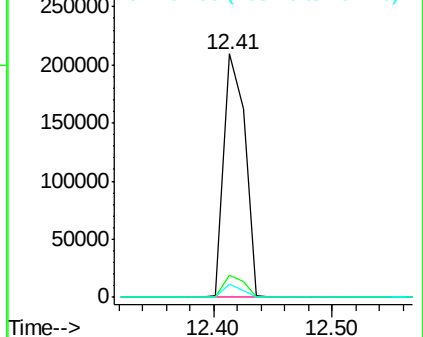
104 5.5 2.4 3.6#



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: 44.11 ng

RT: 13.14 min Scan# 880

Delta R.T. -0.10 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

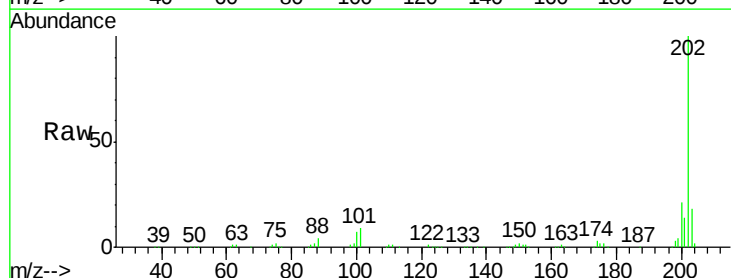
Tgt Ion:202 Resp: 294260

Ion Ratio Lower Upper

202 100

101 9.3 0.0 38.3

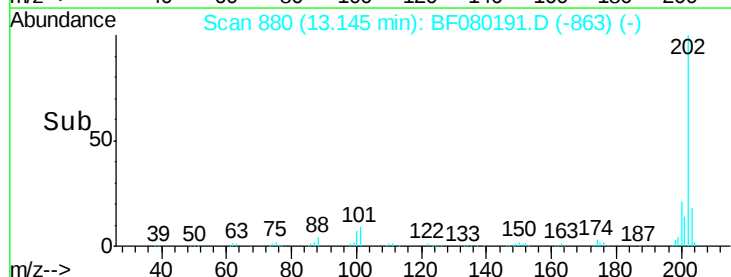
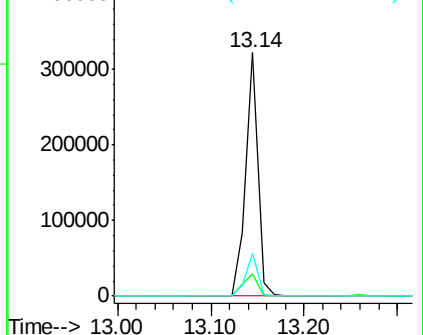
203 17.5 0.0 37.3

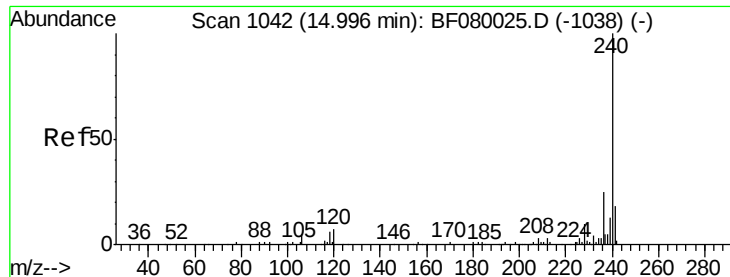


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.81 min Scan# 1026

Delta R.T. -0.18 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

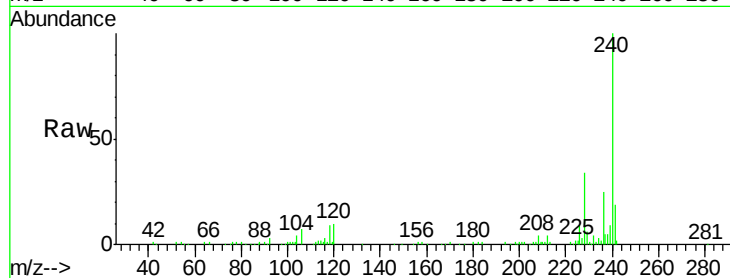
Tot Ion:240 Resp: 113919

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

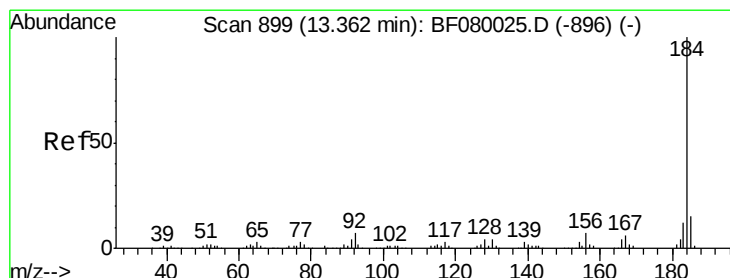
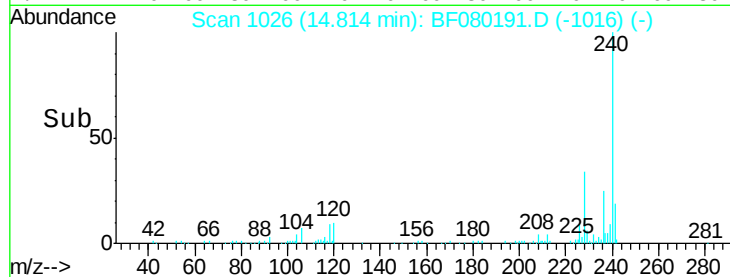
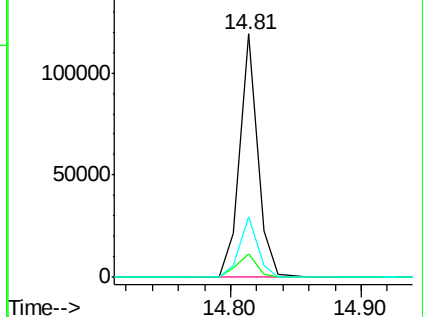
236 24.8 18.4 27.6



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: 83.37 ng

RT: 13.26 min Scan# 890

Delta R.T. -0.10 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

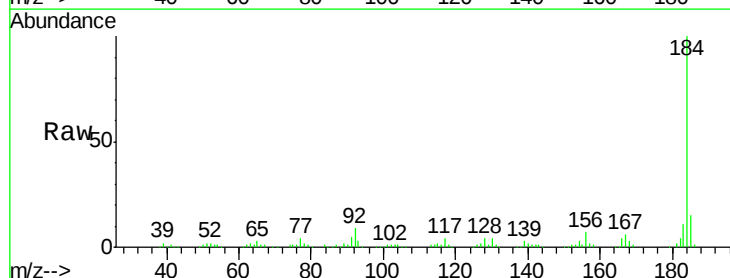
Tgt Ion:184 Resp: 265460

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.6

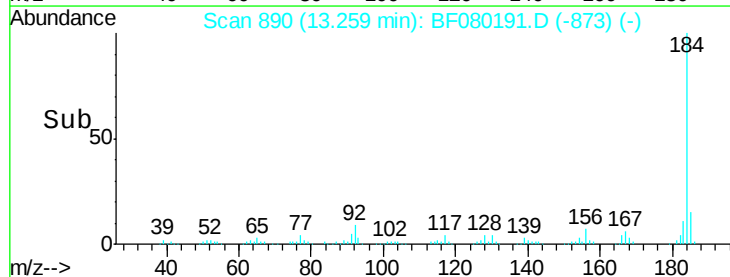
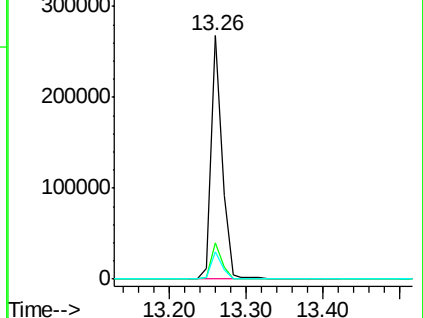
183 11.2 7.6 11.4

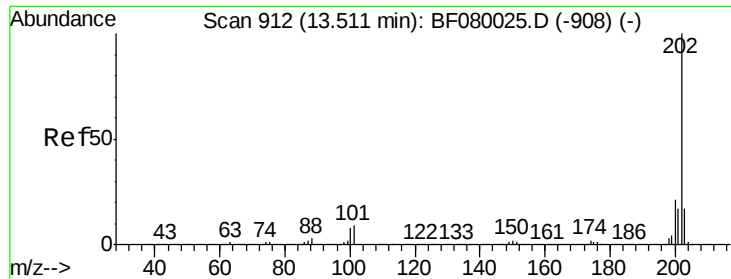


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

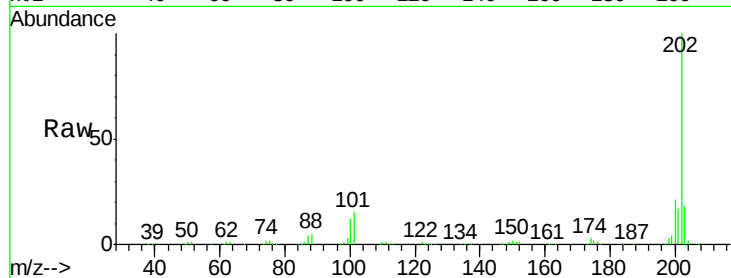




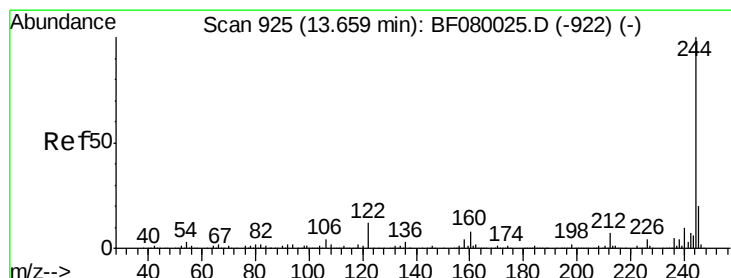
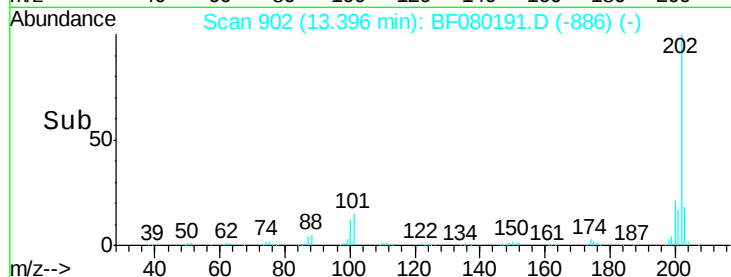
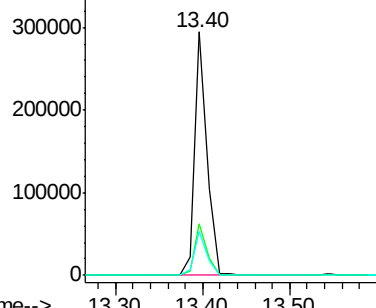
#77
Pvrene
Concen: 42.07 ng
RT: 13.40 min Scan# 902
Delta R.T. -0.11 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.9	14.1	21.1

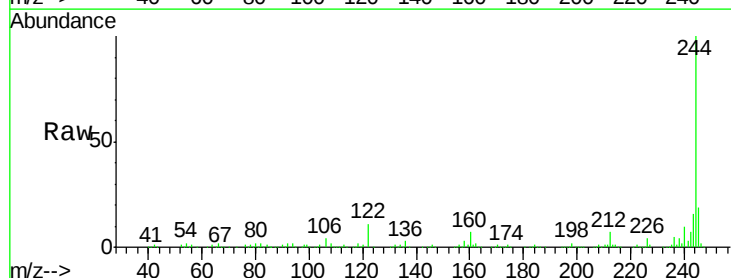


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

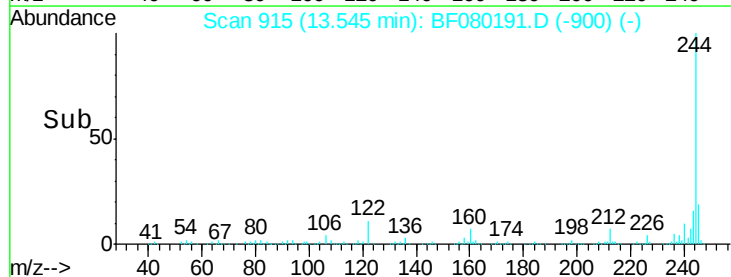
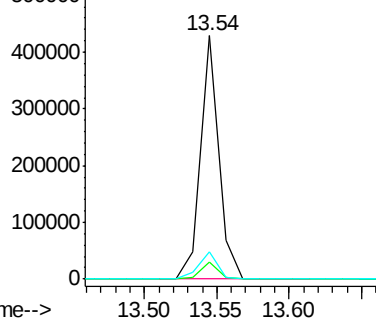


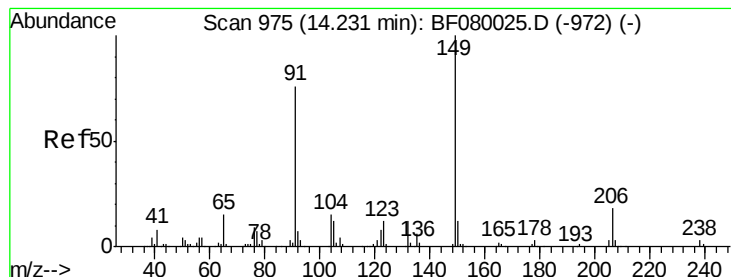
#78
Terphenyl-d14
Concen: 77.16 ng
RT: 13.54 min Scan# 915
Delta R.T. -0.13 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	11.1	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: 43.67 ng

RT: 14.09 min Scan# 963

Delta R.T. -0.15 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampled :

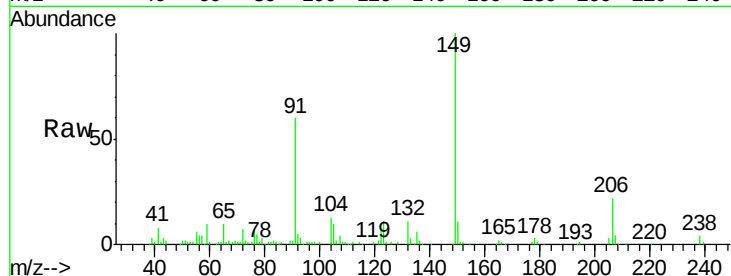
Tot Ion:149 Resp: 123009

Ion Ratio Lower Upper

149 100

91 60.5 48.6 72.8

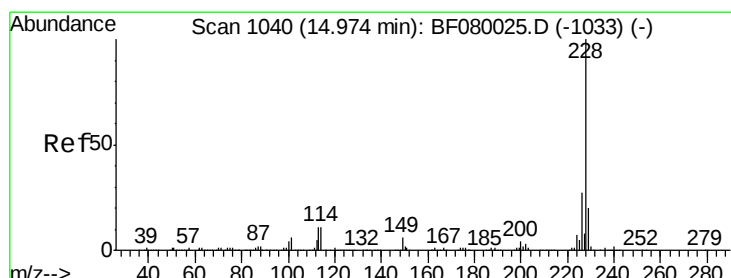
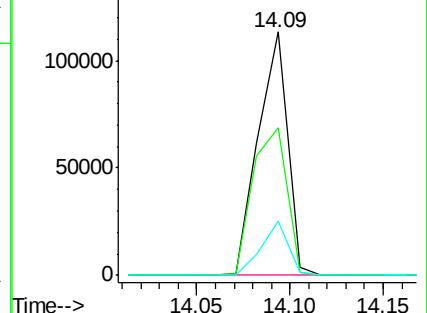
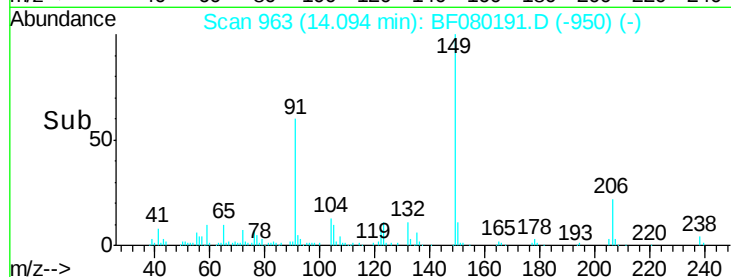
206 22.0 14.9 22.3



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: 43.34 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.18 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

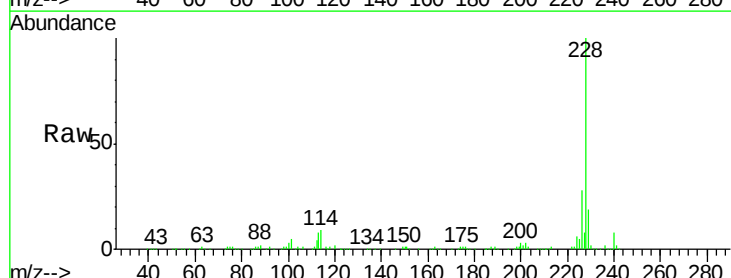
Tgt Ion:228 Resp: 300770

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

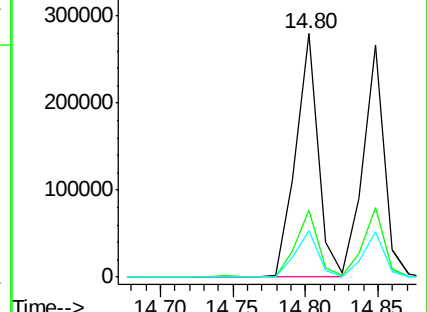
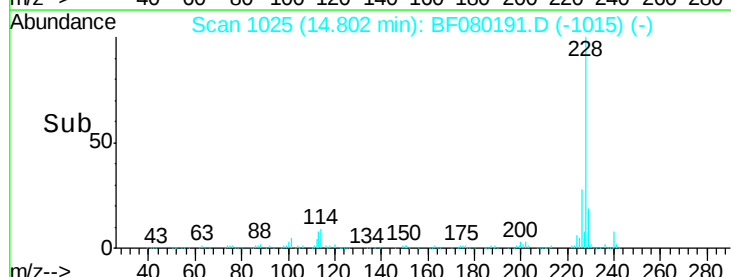
229 19.2 15.4 23.2



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

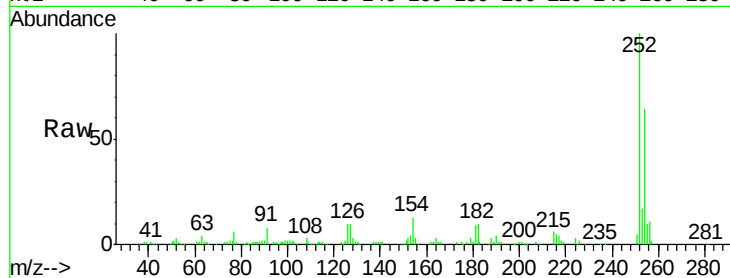




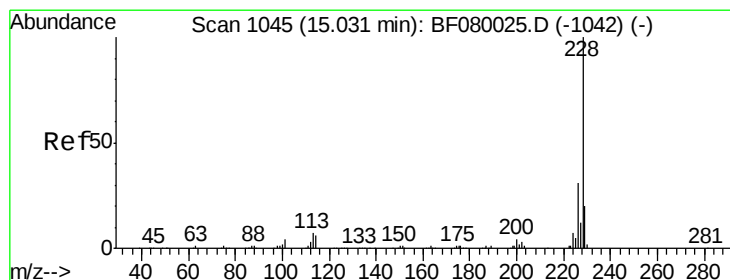
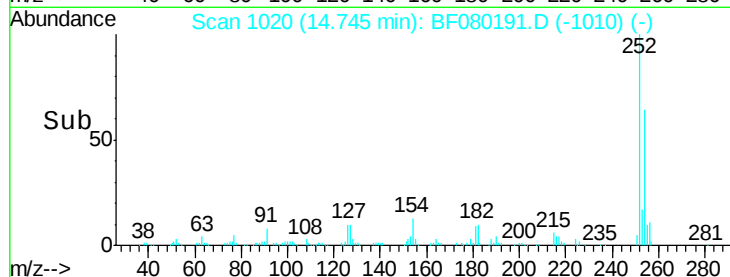
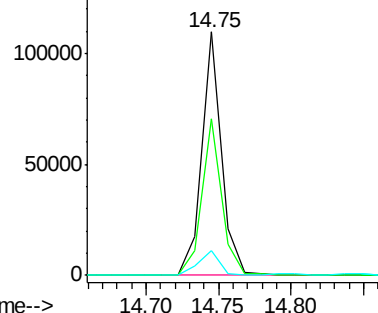
#81
 3,3'-Dichlorobenzidine
 Concen: 43.18 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.18 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	10.3	16.4	24.6

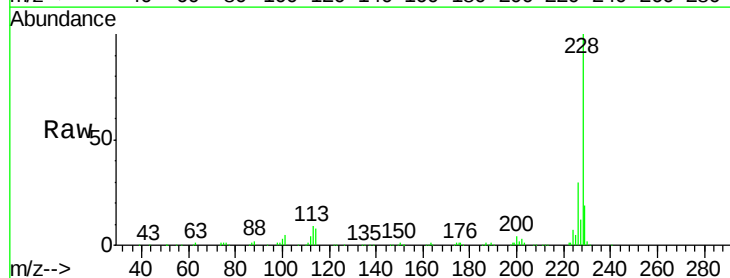


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

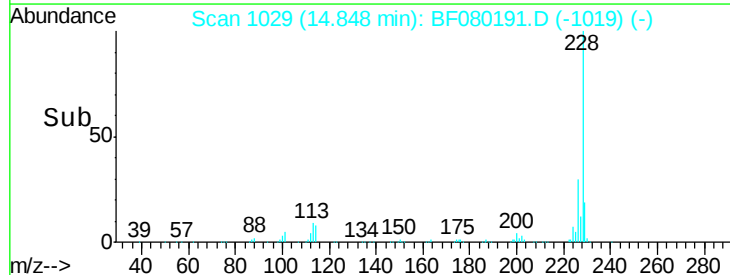
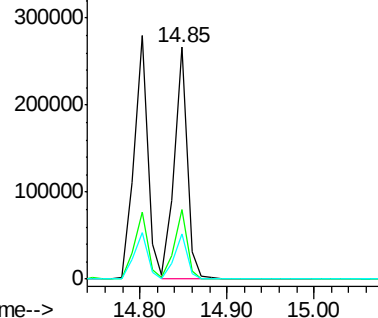


#82
 Chrysene
 Concen: 42.63 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.18 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.0	31.4
229	19.3	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: 40.26 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.18 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

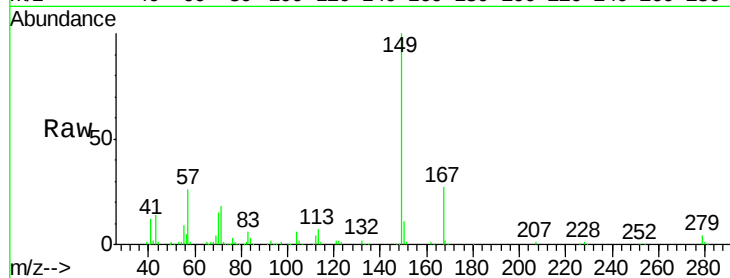
Tot Ion:149 Resp: 179229

Ion Ratio Lower Upper

149 100

167 27.0 24.2 36.2

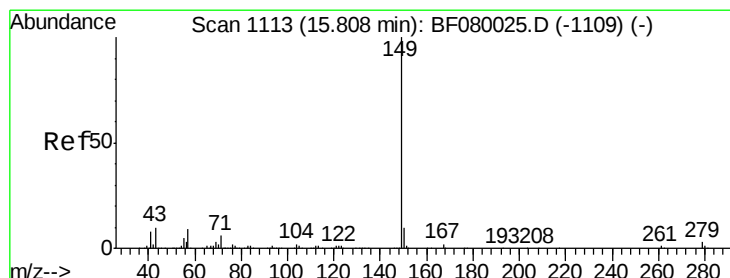
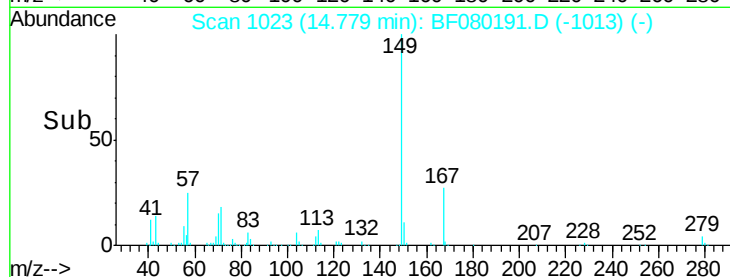
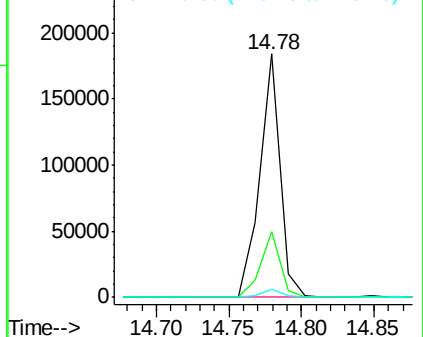
279 3.5 3.8 5.6#



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: 39.05 ng

RT: 15.58 min Scan# 1093

Delta R.T. -0.24 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

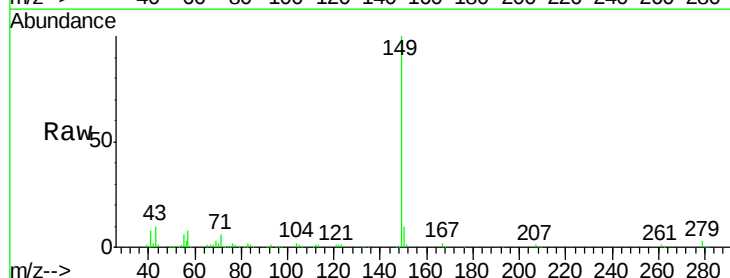
Tgt Ion:149 Resp: 297883

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

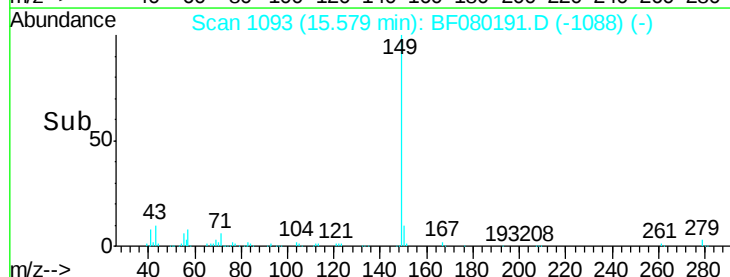
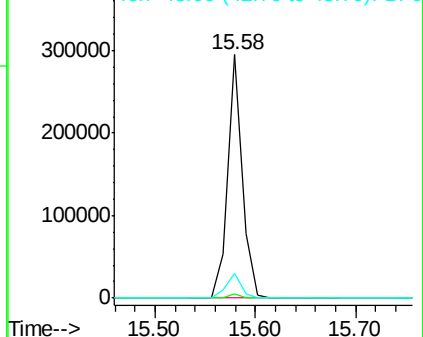
43 11.2 10.2 15.2



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: 41.65 ng

RT: 18.51 min Scan# 1349

Delta R.T. -0.29 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

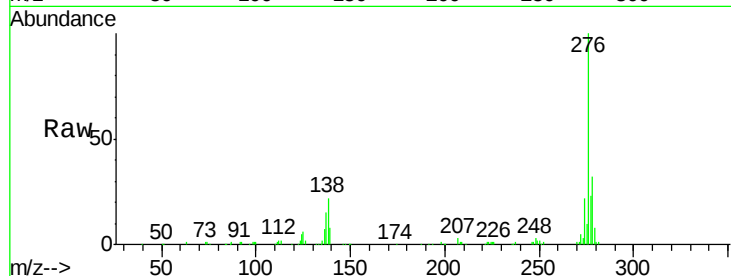
Tot Ion:276 Resp: 336098

Ion Ratio Lower Upper

276 100

138 26.0 25.7 38.5

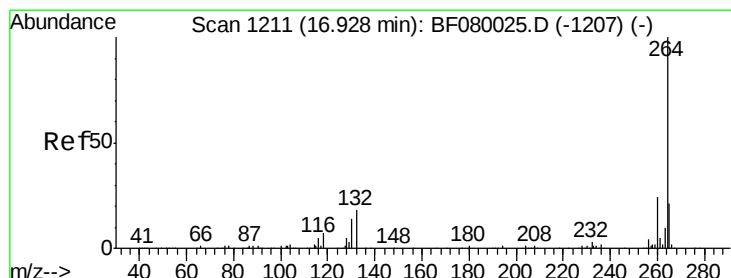
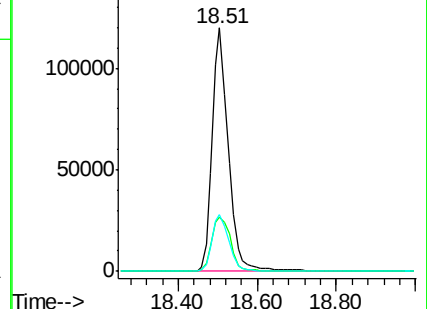
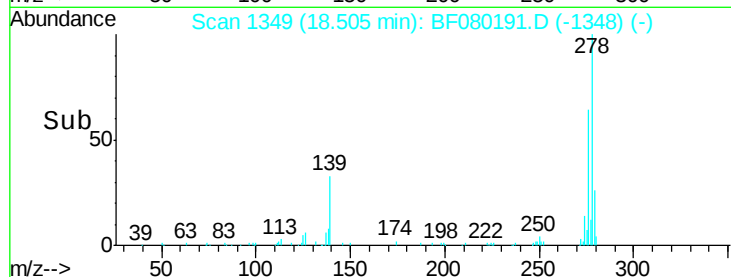
277 24.6 15.6 23.4#



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: 16.68 min Scan# 1189

Delta R.T. -0.25 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

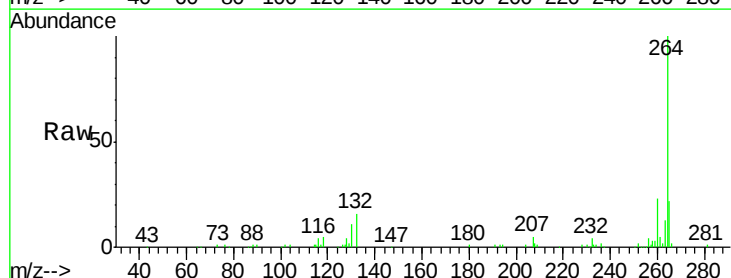
Tgt Ion:264 Resp: 110055

Ion Ratio Lower Upper

264 100

260 23.1 16.7 25.1

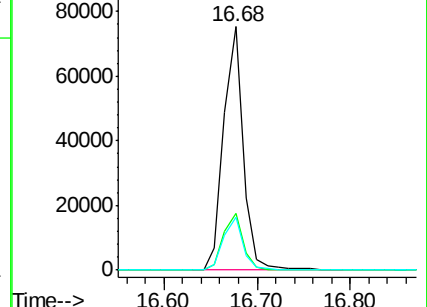
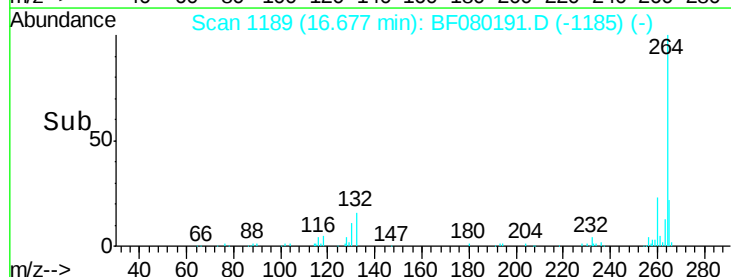
265 21.7 17.2 25.8



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

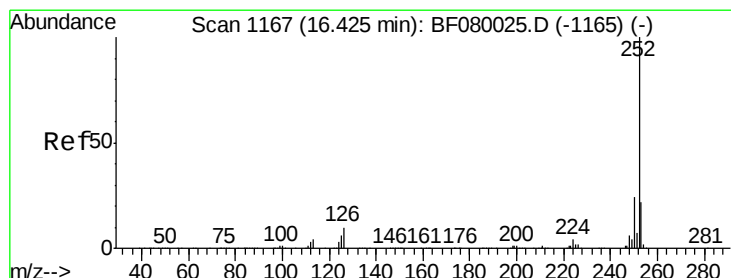
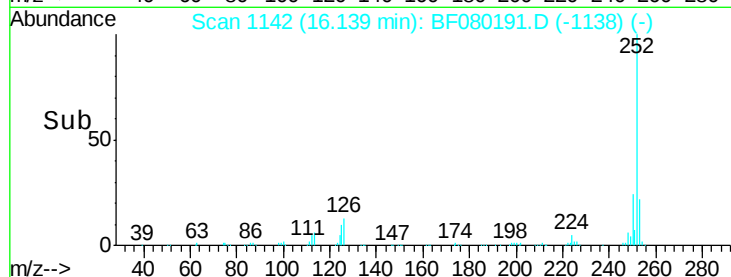
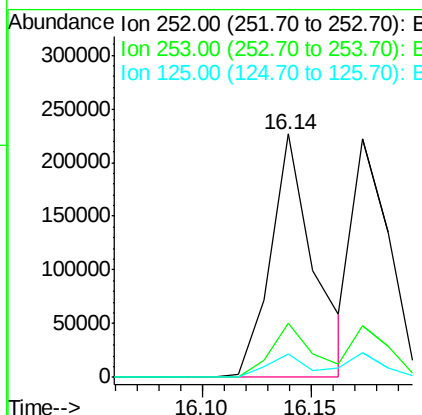
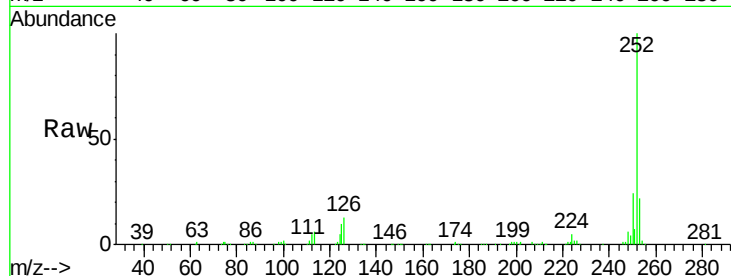




#87
Benzo(b)fluoranthene
Concen: 47.24 ng
RT: 16.14 min Scan# 1142
Delta R.T. -0.25 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

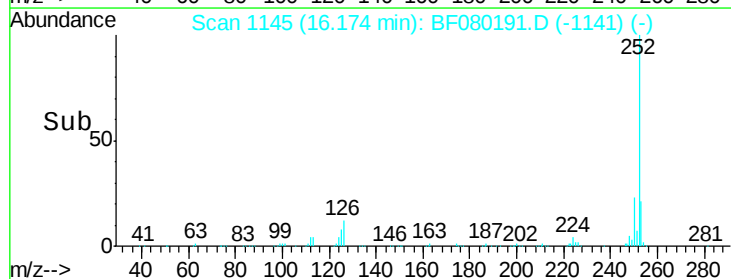
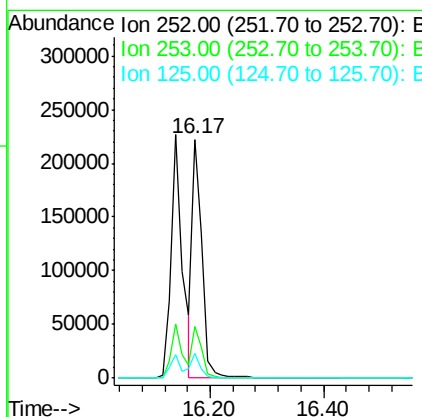
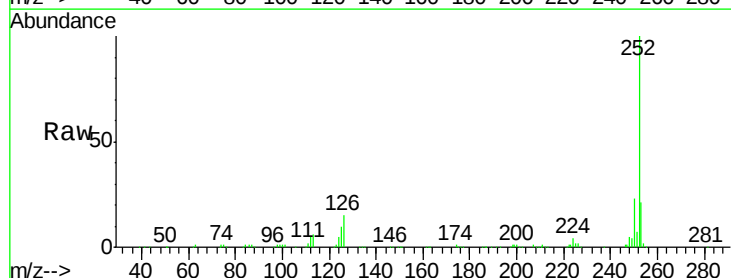
Instrument :
BNA_F
ClientSampleId :

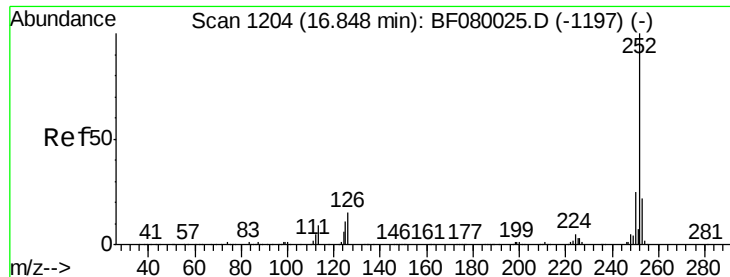
Tot Ion:252 Resp: 314809
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.8 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 39.92 ng
RT: 16.17 min Scan# 1145
Delta R.T. -0.25 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:252 Resp: 270870
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 10.2 16.0 24.0#

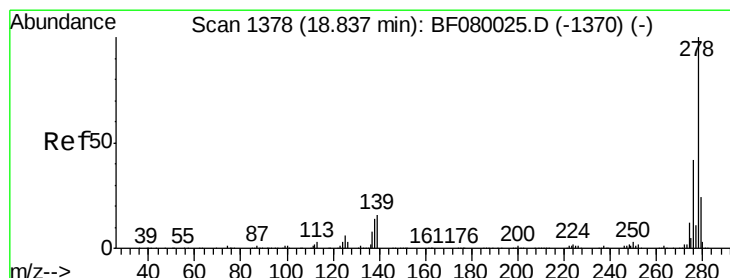
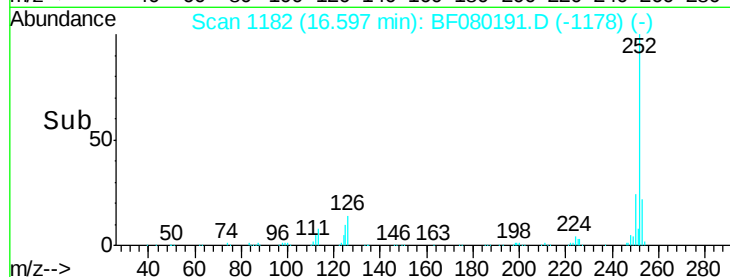
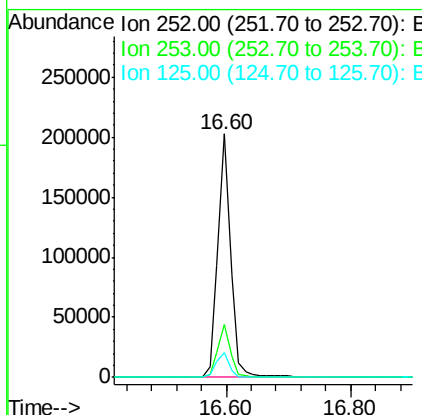
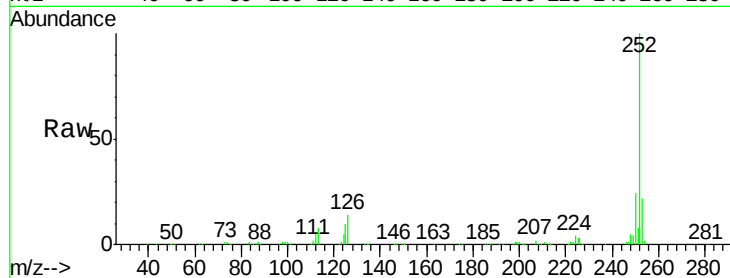




#89
Benzo(a)pyrene
Concen: 45.43 ng
RT: 16.60 min Scan# 1182
Delta R.T. -0.25 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

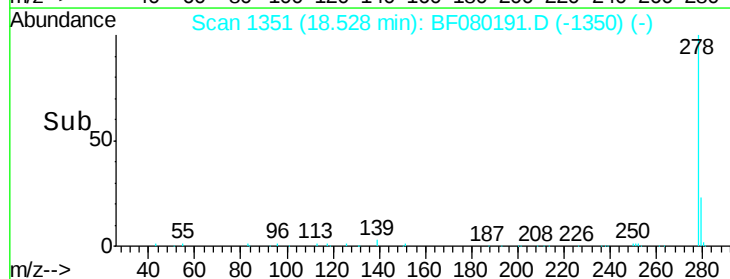
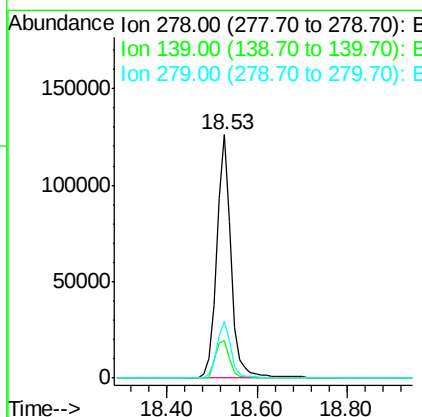
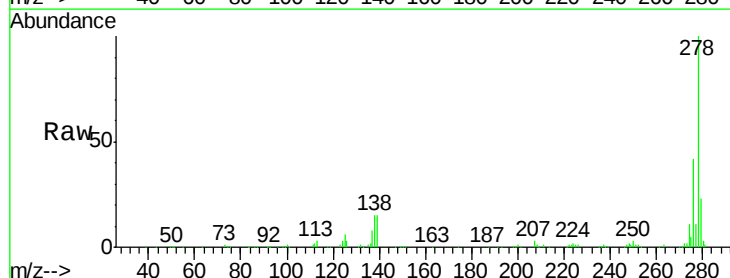
Instrument :
BNA_F
ClientSampled :

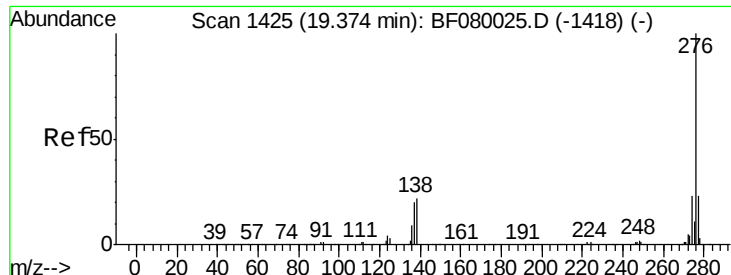
Tot Ion:252 Resp: 287478
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.0 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 43.42 ng
RT: 18.53 min Scan# 1351
Delta R.T. -0.29 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:278 Resp: 281218
Ion Ratio Lower Upper
278 100
139 15.4 26.3 39.5#
279 23.3 18.2 27.4

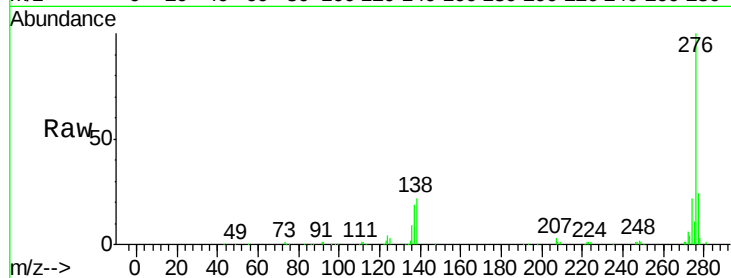




#91
 Benzo(a,h,i)perylene
 Concen: 43.59 ng
 RT: 19.05 min Scan# 1397
 Delta R.T. -0.30 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	21.6	34.6	51.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

