

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
 Data File : BF080190.D
 Acq On : 26 Jun 2015 15:35
 Operator : TP/IZ
 Sample : G2809-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Manual Integrations
 APPROVED

apatel
 6/29/2015 11:32:53 AM

Quant Time: Jun 26 23:47:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 23:02:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32056	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	132423	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	68472	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	136835	20.00	ng	-0.02
75) Chrysene-d12	14.80	240	141047	20.00	ng	-0.23
86) Perylene-d12	16.65	264	138025	20.00	ng	-0.37

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	176825	97.64	ng	0.00
7) Phenol-d6	6.89	99	232968	96.68	ng	0.00
23) Nitrobenzene-d5	7.85	82	148535	65.30	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	61717	92.18	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	266600	55.53	ng	0.00
78) Terphenyl-d14	13.53	244	317176	52.52	ng	-0.13

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	18639	21.65	ng	88
3) Pyridine	3.98	79	60632	26.49	ng	# 84
4) n-Nitrosodimethylamine	3.88	42	31838	29.27	ng	100
6) Aniline	6.95	93	109840	33.13	ng	96
8) 2-Chlorophenol	7.08	128	68970	32.95	ng	91
9) Benzaldehyde	6.84	77	36271	26.07	ng	# 70
10) Phenol	6.92	94	79490	30.23	ng	88
11) bis(2-Chloroethyl)ether	7.01	93	59660	28.59	ng	95
12) 1,3-Dichlorobenzene	7.24	146	74077	29.46	ng	# 91
13) 1,4-Dichlorobenzene	7.32	146	77260	32.31	ng	95
14) 1,2-Dichlorobenzene	7.46	146	67749m	29.12	ng	
15) Benzyl Alcohol	7.42	79	61003	30.96	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.56	45	102287	33.03	ng	89
17) 2-Methylphenol	7.52	107	51021	28.54	ng	# 83
18) Hexachloroethane	7.82	117	24094	30.26	ng	# 82
19) n-Nitroso-di-n-propylamine	7.69	70	46481	27.78	ng	# 78
20) 3+4-Methylphenols	7.68	107	73201	31.73	ng	90
22) Acetophenone	7.69	105	98187	31.82	ng	# 83
24) Nitrobenzene	7.88	77	68746	29.28	ng	# 80
25) Isophorone	8.10	82	132683	28.98	ng	# 84
26) 2-Nitrophenol	8.20	139	31821	32.38	ng	# 79
27) 2,4-Dimethylphenol	8.22	122	60466	29.51	ng	# 84
28) bis(2-Chloroethoxy)methane	8.31	93	84576	31.45	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	58384	33.27	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	65104	32.67	ng	99
31) Naphthalene	8.61	128	203163m	29.34	ng	
32) Benzoic acid	8.26	122	8878	7.17	ng	# 61
33) 4-Chloroaniline	8.64	127	78801m	26.59	ng	
34) Hexachlorobutadiene	8.73	225	34848	28.40	ng	98
35) Caprolactam	8.97	113	16079	28.23	ng	# 79
36) 4-Chloro-3-methylphenol	9.11	107	56879	28.73	ng	# 72
37) 2-Methylnaphthalene	9.30	142	148742	33.21	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	63247	31.74	ng	99
40) Hexachlorocyclopentadiene	9.46	237	50880	52.00	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	44933	33.14	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	45769	29.30	ng #	93
45) 1,1'-Biphenyl	9.76	154	160285	28.77	ng	92
46) 2-Chloronaphthalene	9.80	162	138630	30.67	ng	95
47) 2-Nitroaniline	9.88	65	37005	29.82	ng #	61
48) Acenaphthylene	10.22	152	229569	30.43	ng	98
49) Dimethylphthalate	10.05	163	187415	36.41	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	32485	31.48	ng #	60
51) Acenaphthene	10.39	154	138889	30.09	ng	91
52) 3-Nitroaniline	10.29	138	36104	30.32	ng #	59
53) 2,4-Dinitrophenol	10.40	184	17638	44.76	ng #	19
54) Dibenzofuran	10.56	168	199035	30.39	ng #	90
55) 4-Nitrophenol	10.44	139	60822	63.91	ng #	65
56) 2,4-Dinitrotoluene	10.53	165	47103	35.97	ng #	92
57) Fluorene	10.90	166	151415	29.14	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	37638	28.54	ng	98
59) Diethylphthalate	10.76	149	150849	29.10	ng	97
60) 4-Chlorophenyl-phenylether	10.89	204	74493	29.83	ng #	88
61) 4-Nitroaniline	10.90	138	38937	31.66	ng #	59
62) Azobenzene	11.05	77	160714	30.46	ng	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	18317	31.07	ng	93
65) n-Nitrosodiphenylamine	11.01	169	143903	32.30	ng	93
66) 4-Bromophenyl-phenylether	11.40	248	43096	29.62	ng #	82
67) Hexachlorobenzene	11.48	284	46135	28.53	ng #	76
68) Atrazine	11.53	200	38076	27.05	ng	83
69) Pentachlorophenol	11.66	266	48942	53.41	ng	99
70) Phenanthrene	11.89	178	246437	29.75	ng	97
71) Anthracene	11.94	178	236466	29.64	ng	99
72) Carbazole	12.09	167	215656	28.32	ng	97
73) Di-n-butylphthalate	12.41	149	241009	27.39	ng #	98
74) Fluoranthene	13.13	202	253928	28.78	ng	95
76) Benzidine	13.26	184	238019	60.37	ng	97
77) Pyrene	13.40	202	271539	31.27	ng	97
79) Butylbenzylphthalate	14.08	149	107416	30.80	ng	97
80) Benzo(a)anthracene	14.79	228	262750	30.58	ng	97
81) 3,3'-Dichlorobenzidine	14.73	252	88693	29.93	ng #	92
82) Chrysene	14.84	228	235214	29.69	ng	95
83) Bis(2-ethylhexyl)phthalate	14.77	149	154754	28.08	ng	95
84) Di-n-octyl phthalate	15.56	149	254192	26.91	ng	96
85) Indeno(1,2,3-cd)pyrene	18.48	276	281678	28.19	ng #	89
87) Benzo(b)fluoranthene	16.12	252	256818	30.73	ng #	89
88) Benzo(k)fluoranthene	16.15	252	245008	28.79	ng #	90
89) Benzo(a)pyrene	16.57	252	243499	30.68	ng #	87
90) Dibenzo(a,h)anthracene	18.51	278	236438	29.11	ng #	81
91) Benzo(g,h,i)perylene	19.03	276	241622	29.46	ng #	77

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

```
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Operator  : TP/IZ
Sample    : G2809-01MS
Misc      :
ALS Vial  : 6      Sample Multiplier: 1
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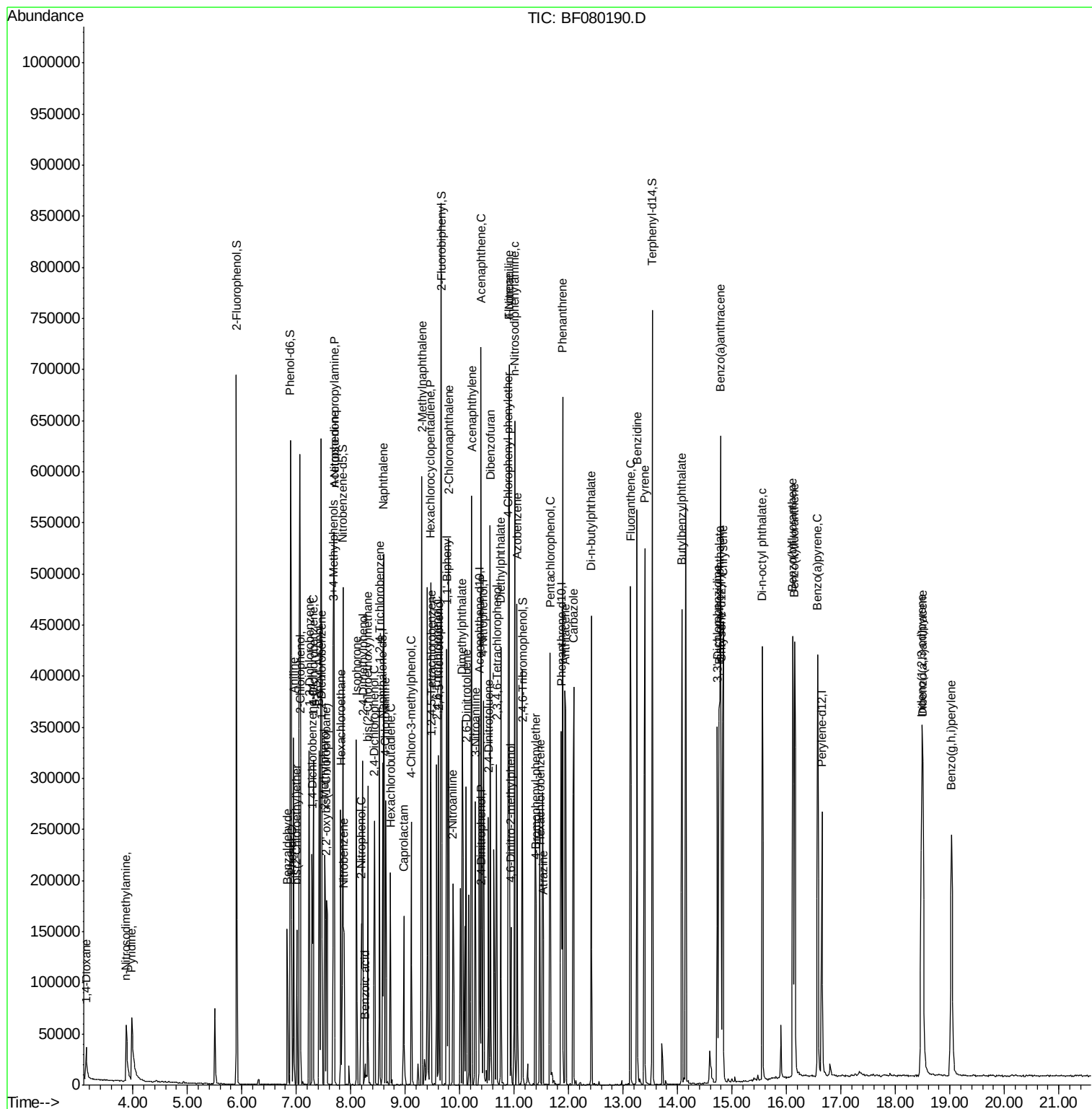
Instrument :
BNA_F

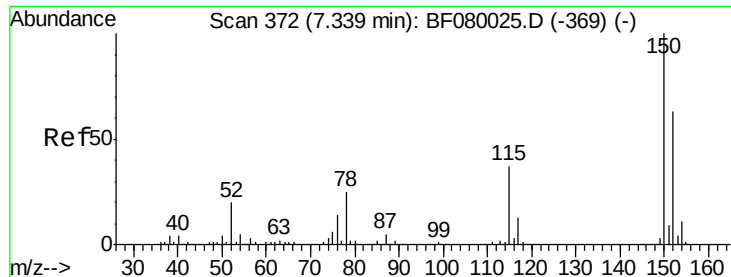
ClientSampleId :
NORTHPADBOTTOM-062515MS

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#1

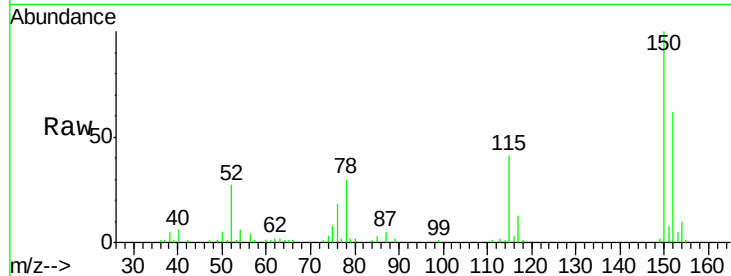
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

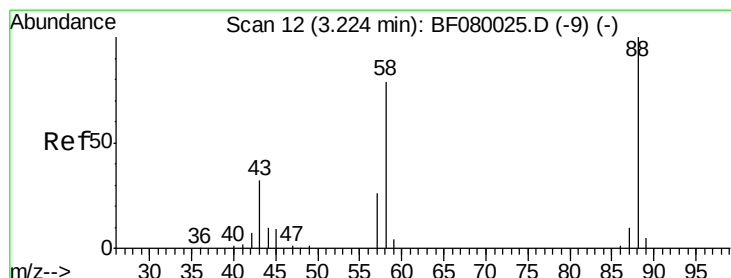
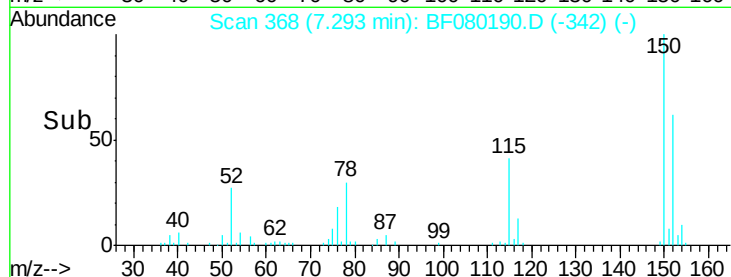
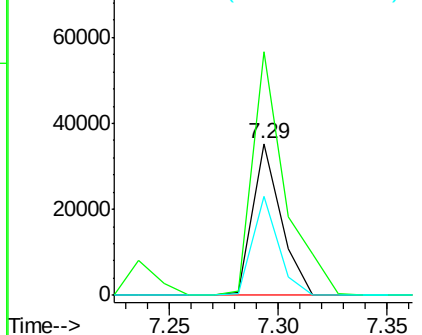
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.7	187.1
115	65.8	39.0	58.4

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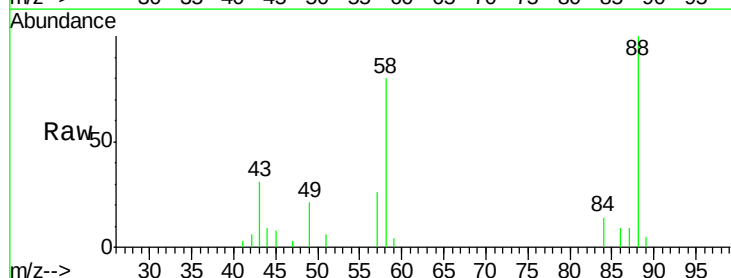
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



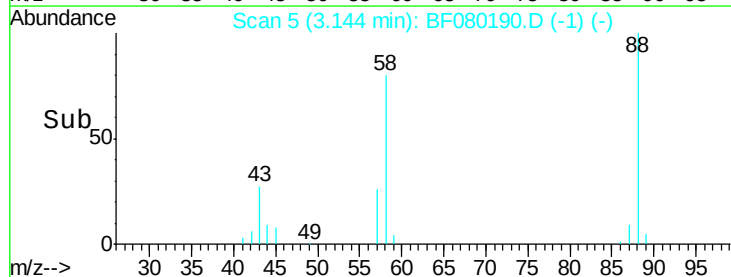
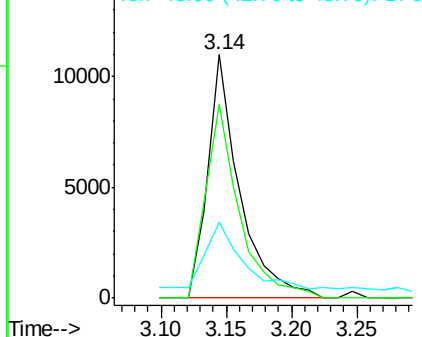
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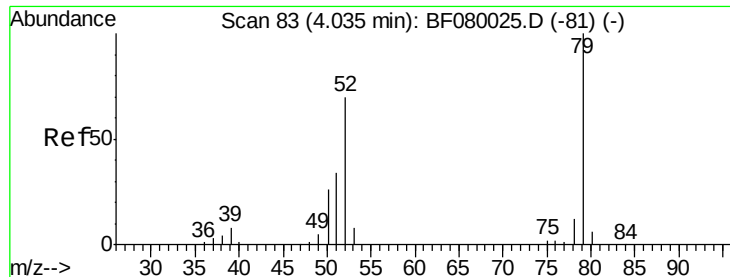
1,4-Dioxane
Concen: 21.65 ng
RT: 3.14 min Scan# 5
Delta R.T. 0.01 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	77.7	116.5
43	30.0	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.49 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

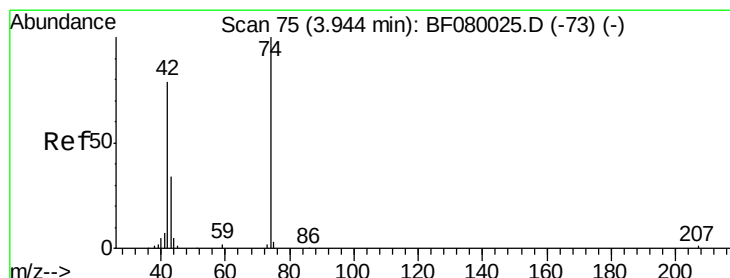
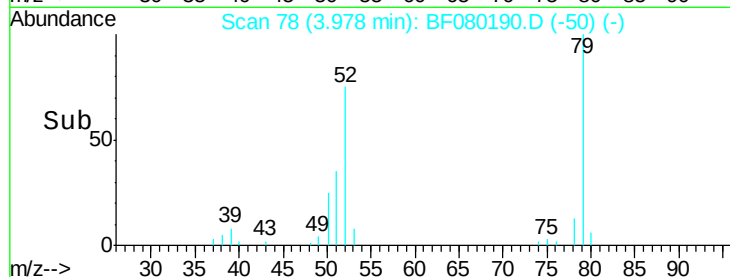
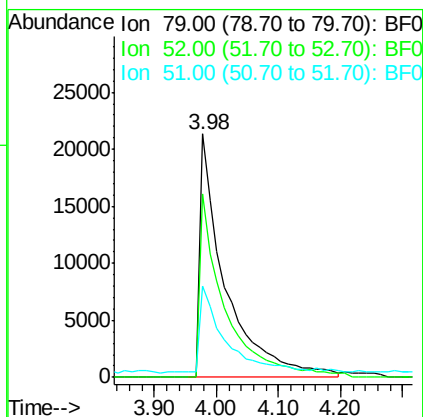
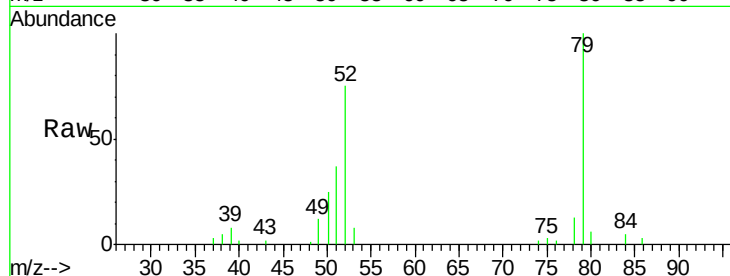
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	79	Resp:	60632
Ion Ratio	Lower	Upper	
79	100		
52	75.5	76.8	115.2#
51	37.3	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 29.27 ng

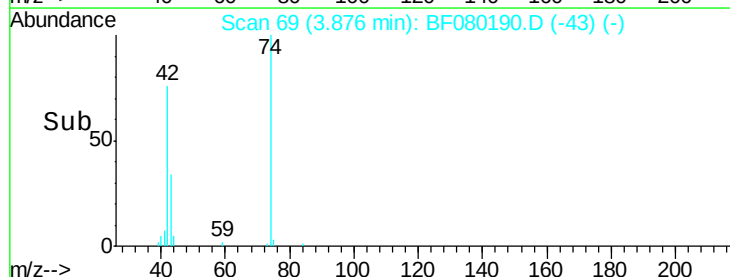
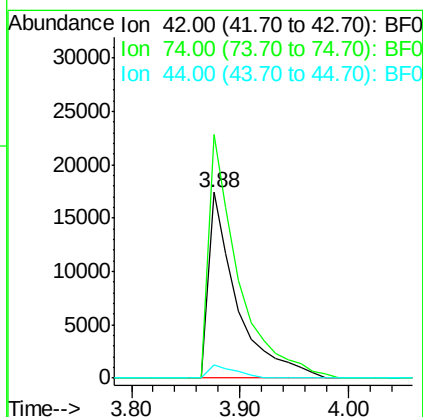
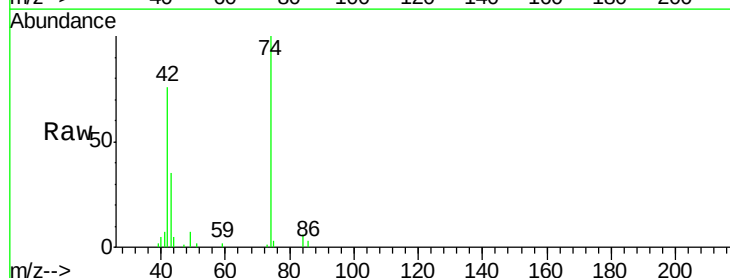
RT: 3.88 min Scan# 69

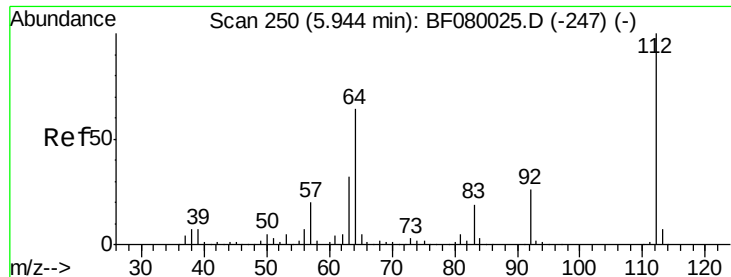
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	42	Resp:	31838
Ion Ratio	Lower	Upper	
42	100		
74	131.2	105.0	157.6
44	7.1	6.6	10.0





#5

2-Fluorophenol

Concen: 97.64 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

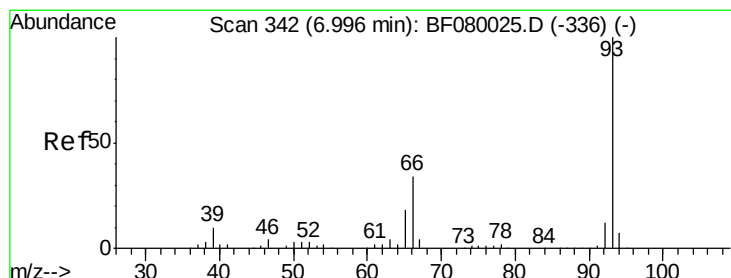
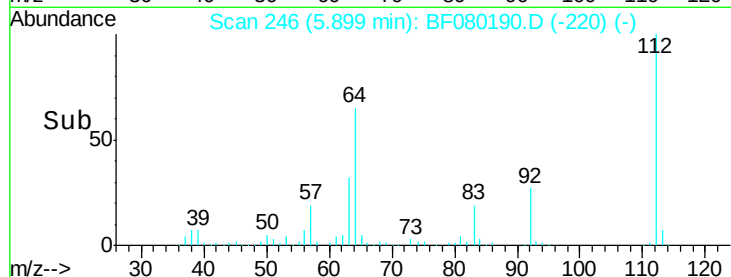
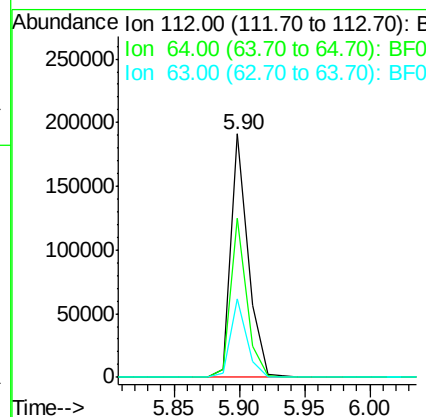
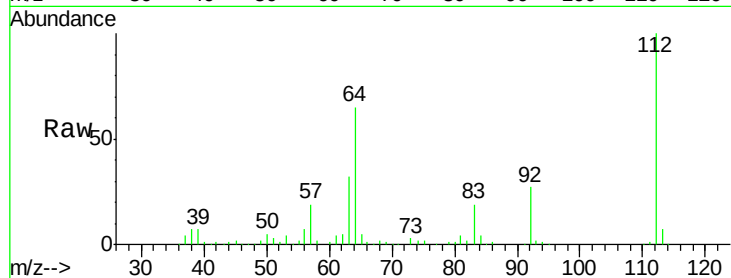
ClientSampleId :

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Tgt Ion:	112	Resp:	176825
Ion Ratio	Lower	Upper	
112	100		
64	65.5	39.7	59.5#
63	32.0	17.4	26.0#

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#6

Aniline

Concen: 33.13 ng

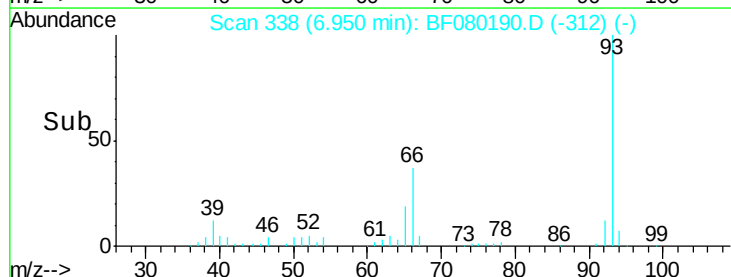
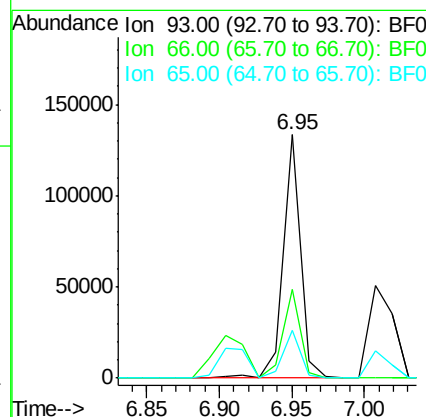
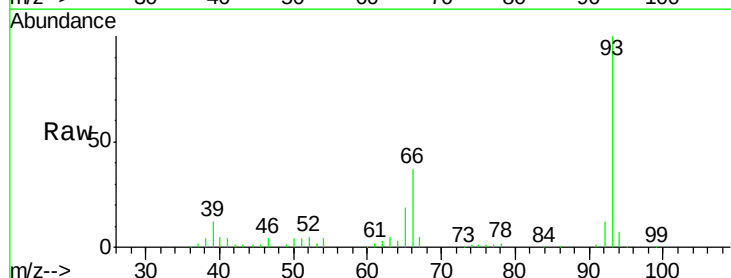
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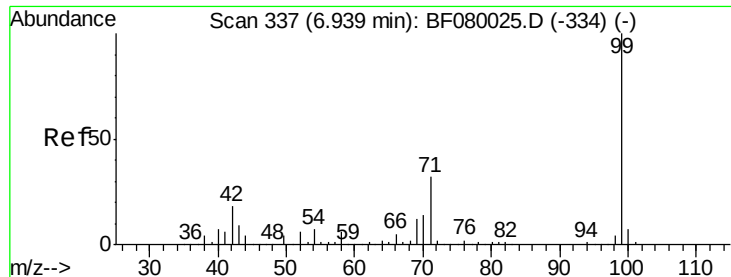
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	93	Resp:	109840
Ion Ratio	Lower	Upper	
93	100		
66	36.7	27.2	40.8
65	19.4	14.7	22.1





#7

Phenol-d6

Concen: 96.68 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

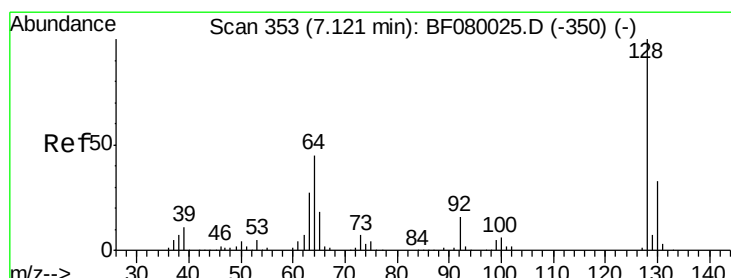
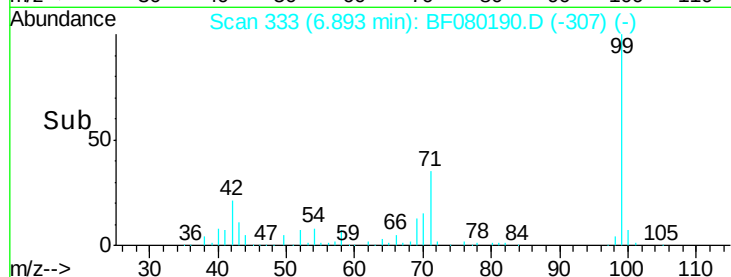
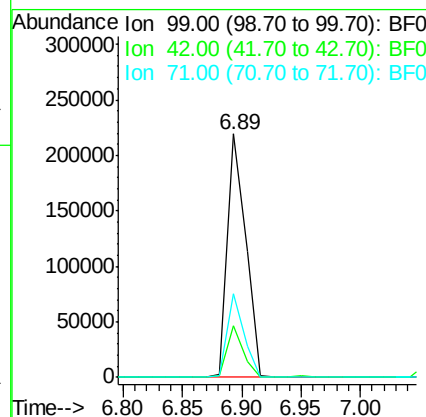
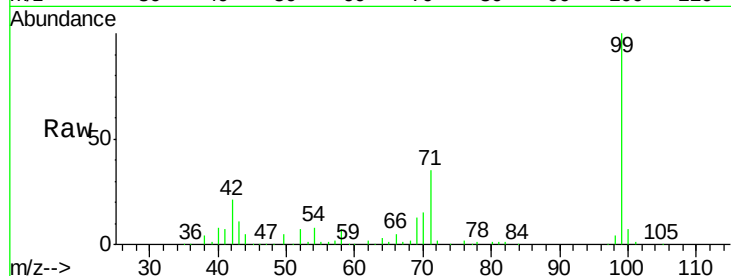
ClientSampleId :

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Tgt Ion:	99	Resp:	232968
Ion Ratio	Lower	Upper	
99	100		
42	21.0	13.7	20.5#
71	34.5	14.2	21.2#

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#8

2-Chlorophenol

Concen: 32.95 ng

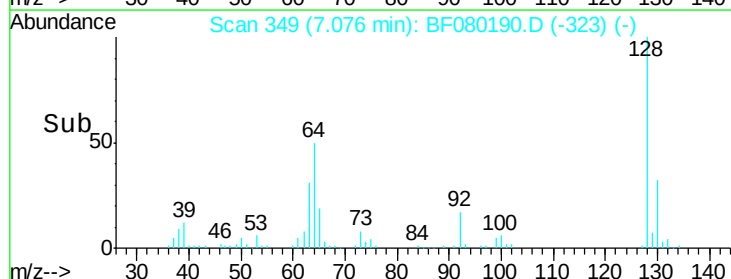
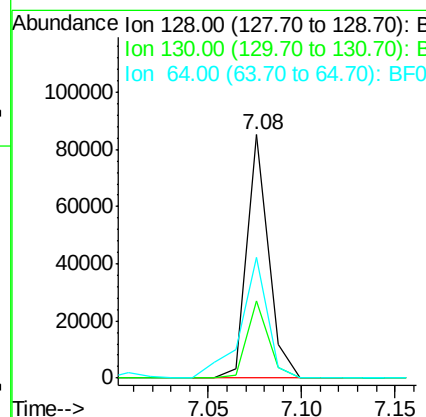
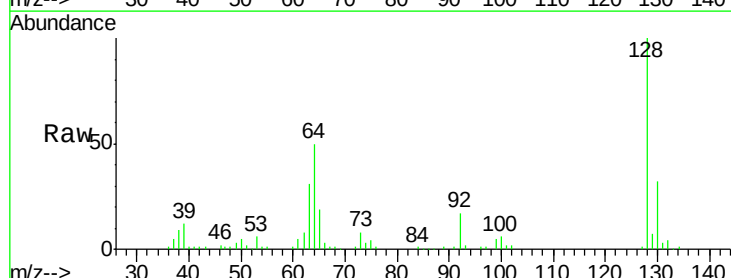
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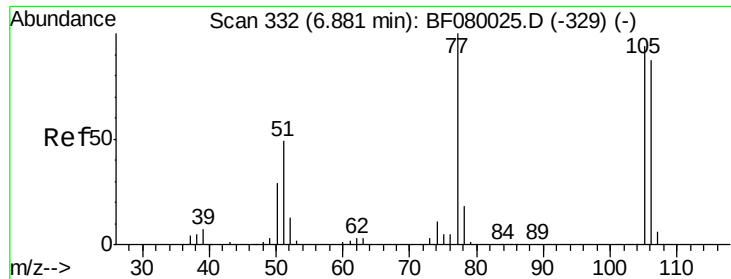
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	128	Resp:	68970
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.2	52.2
64	49.8	20.5	60.5





#9

Benzaldehyde

Concen: 26.07 ng

RT: 6.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

NORTHPADBOTTOM-062515MS

Tgt Ion: 77 Resp: 36271

Ion Ratio Lower Upper

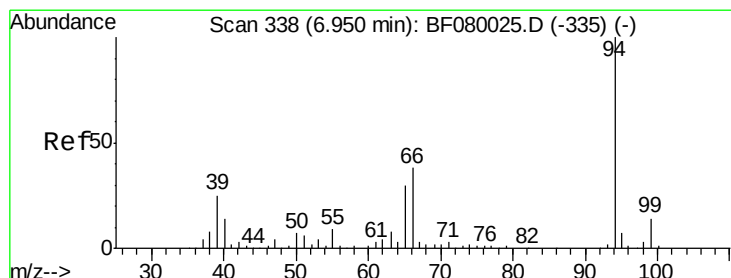
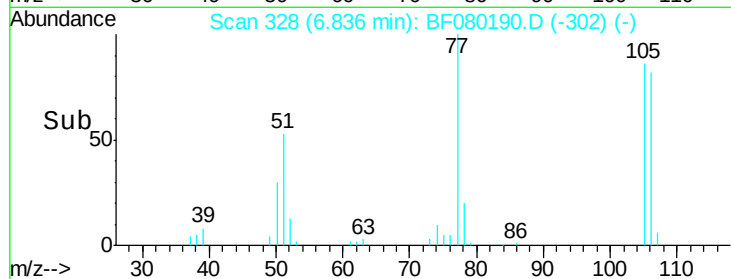
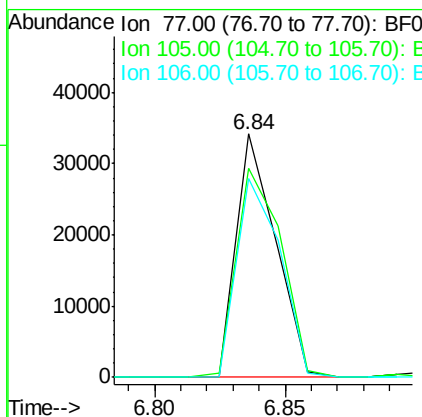
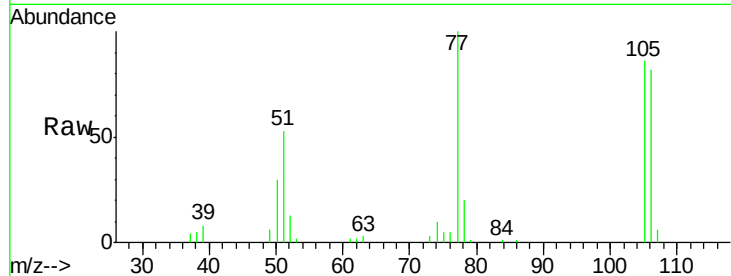
77 100

105 86.0 91.6 131.6#

106 81.8 102.6 142.6#

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#10

Phenol

Concen: 30.23 ng

RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

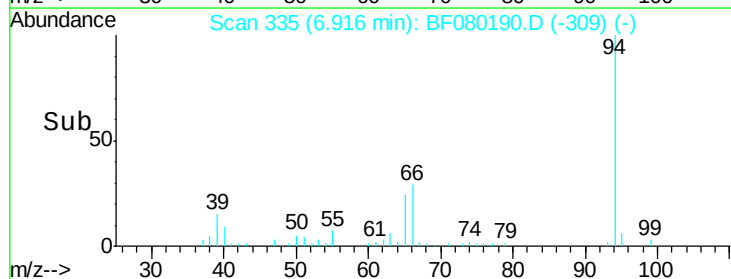
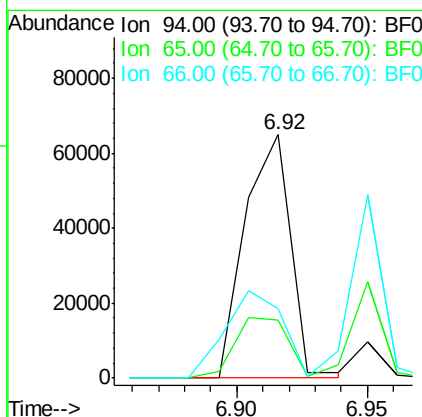
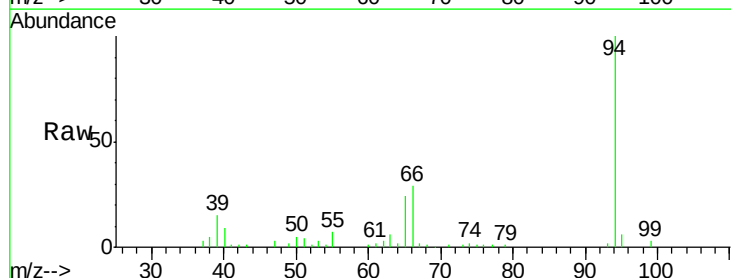
Tgt Ion: 94 Resp: 79490

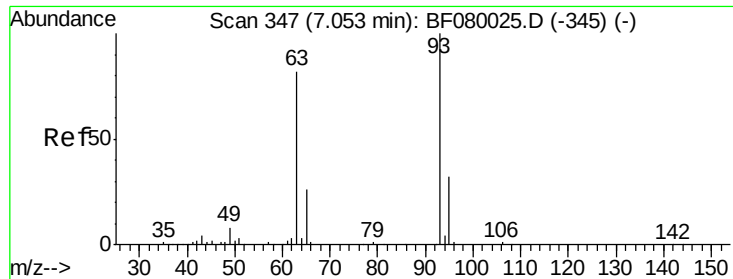
Ion Ratio Lower Upper

94 100

65 24.0 0.7 40.7

66 28.6 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 28.59 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

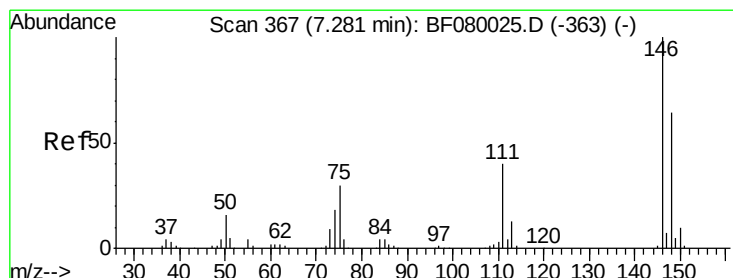
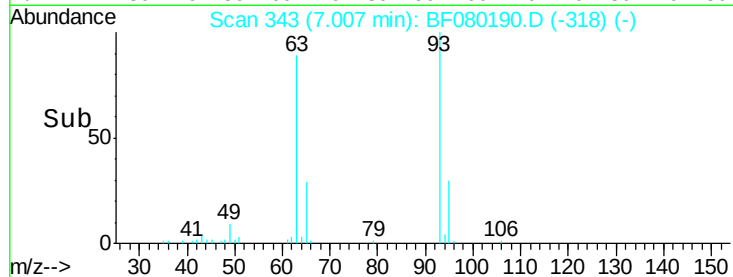
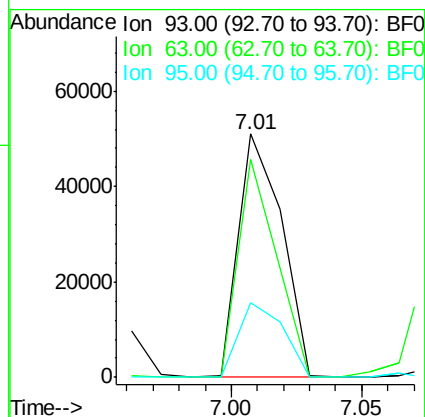
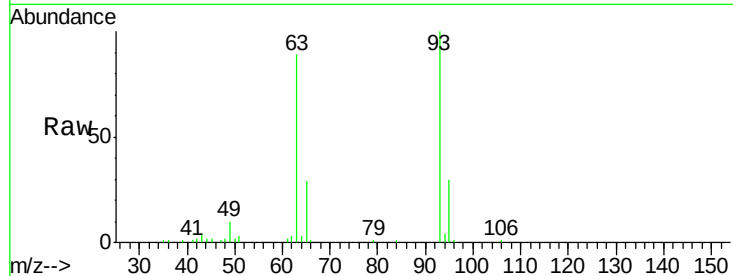
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	93	Resp:	59660
Ion	Ratio	Lower	Upper
93	100		
63	89.5	65.6	105.6
95	30.4	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 29.46 ng

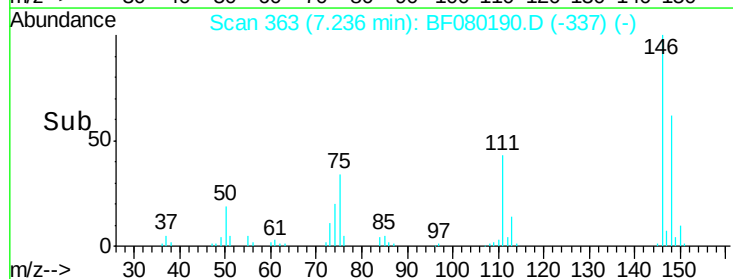
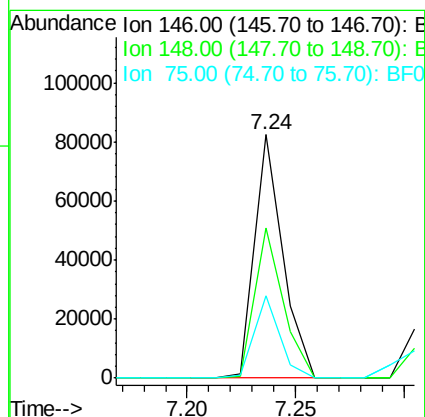
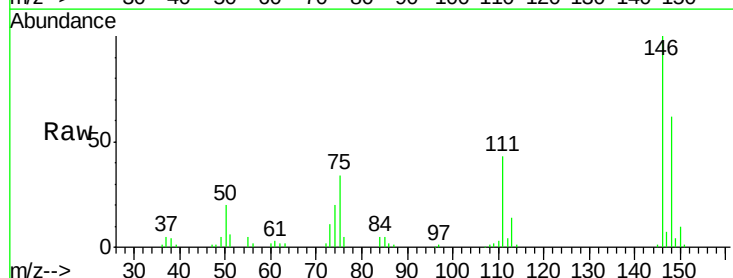
RT: 7.24 min Scan# 363

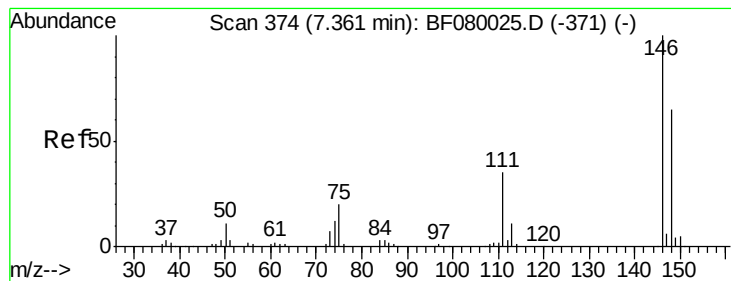
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	146	Resp:	74077
Ion	Ratio	Lower	Upper
146	100		
148	61.7	51.0	76.4
75	33.6	15.0	22.6





#13

1,4-Dichlorobenzene

Concen: 32.31 ng

RT: 7.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

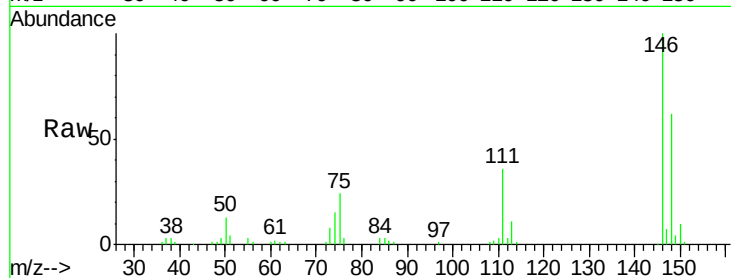
ClientSampleId :

NORTHADBOTTOM-062515MS

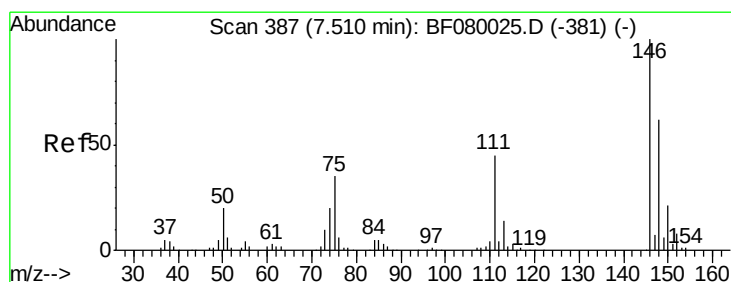
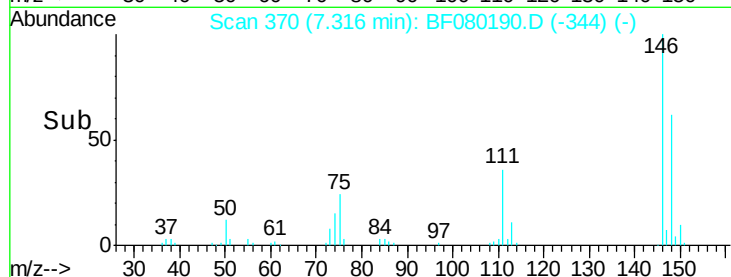
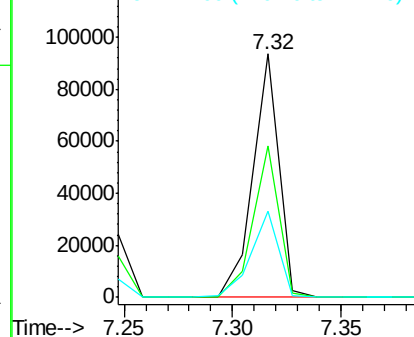
Tgt Ion:	146	Resp:	77260
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.8	77.6
111	35.6	24.9	37.3

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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: 29.12 ng m

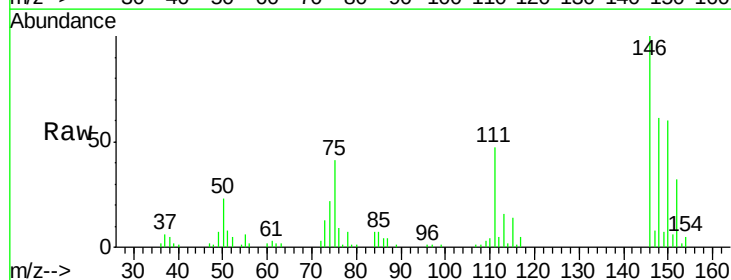
RT: 7.46 min Scan# 383

Delta R.T. -0.01 min

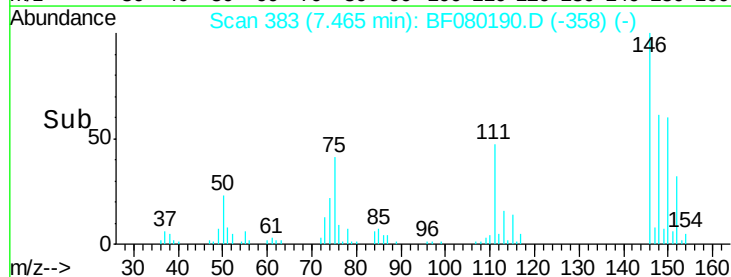
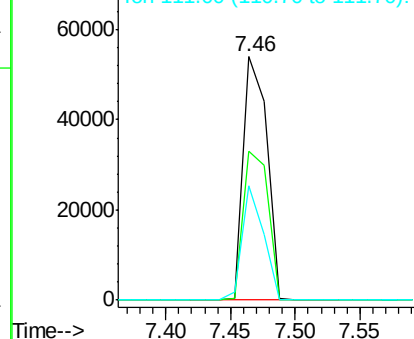
Lab File: BF080190.D

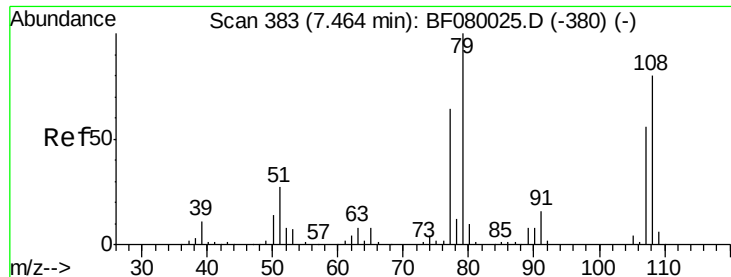
Acq: 26 Jun 2015 15:35

Tgt Ion:	146	Resp:	67749
Ion Ratio	Lower	Upper	
146	100		
148	61.2	52.7	79.1
111	47.0	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: 30.96 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

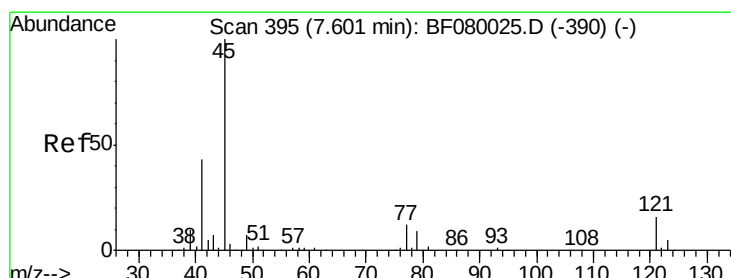
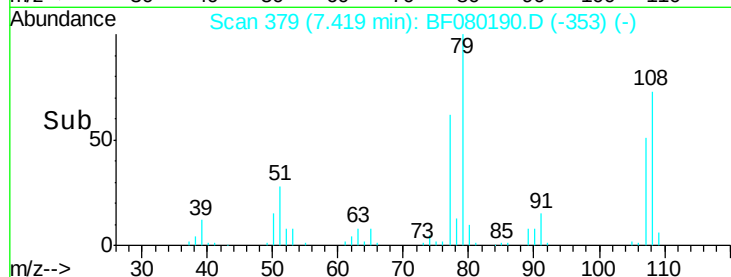
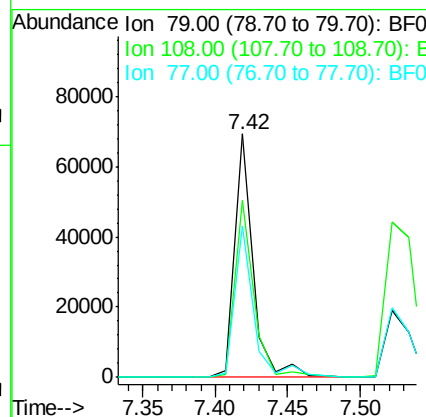
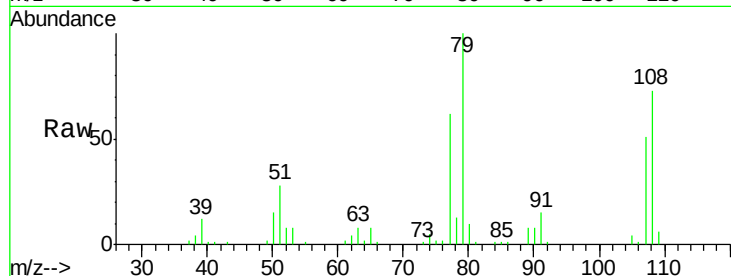
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	79	Resp:	61003
Ion Ratio	Lower	Upper	
79	100		
108	72.9	88.6	132.8#
77	62.4	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.03 ng

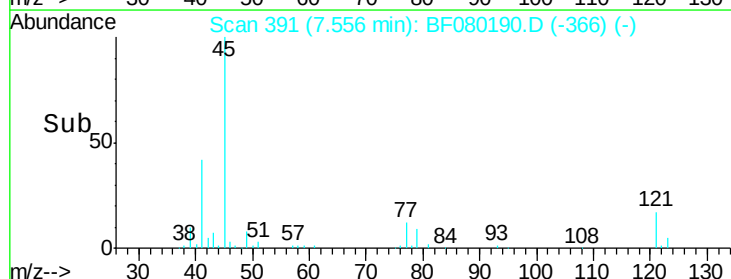
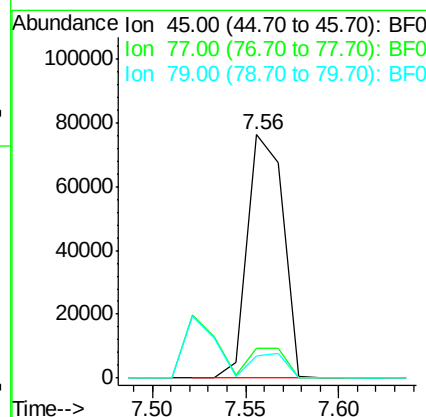
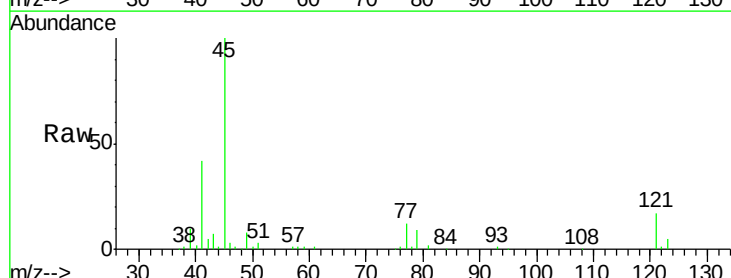
RT: 7.56 min Scan# 391

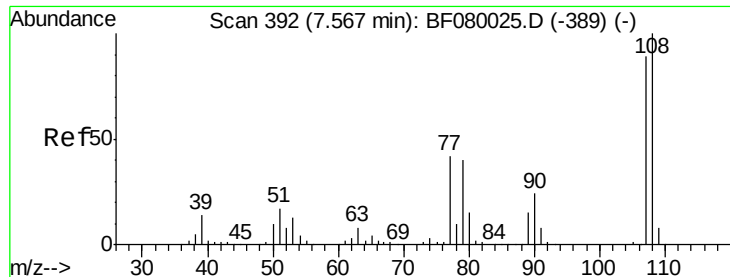
Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	45	Resp:	102287
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	28.1
79	9.1	0.0	26.0





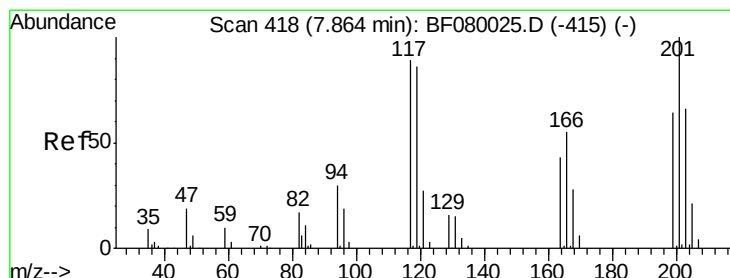
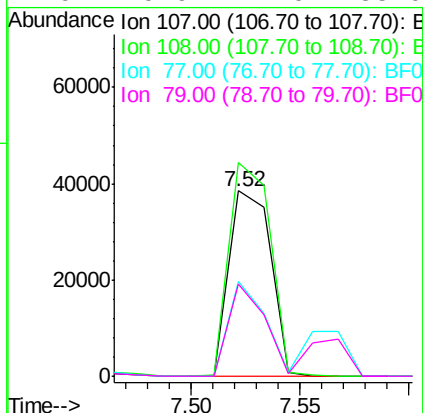
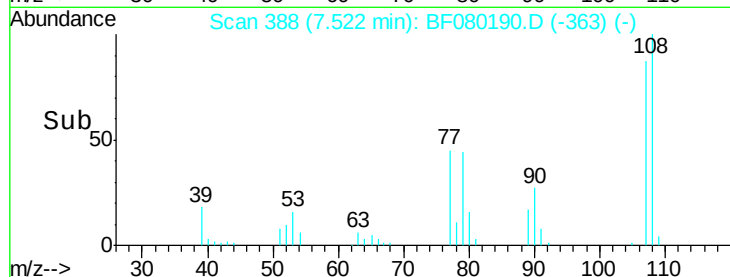
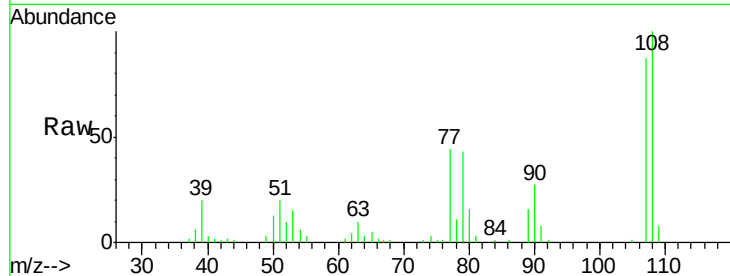
#17
2-Methylphenol
Concen: 28.54 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	51021		
108	115.3	96.6	145.0	
77	51.0	23.3	34.9	
79	49.9	22.0	33.0	

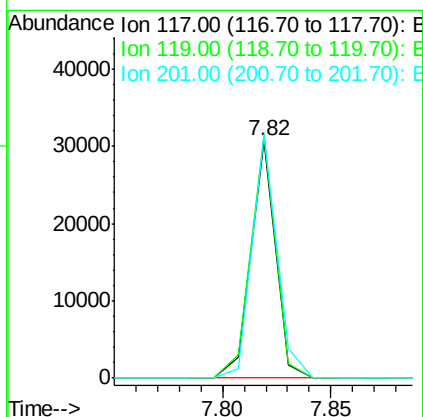
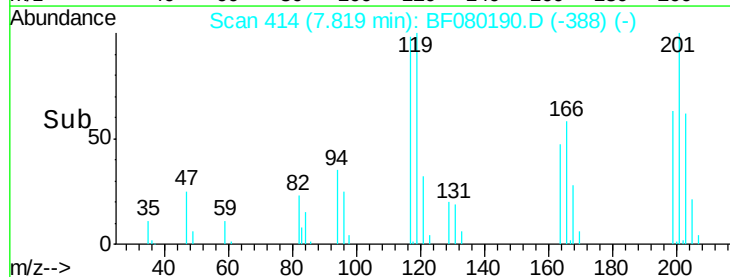
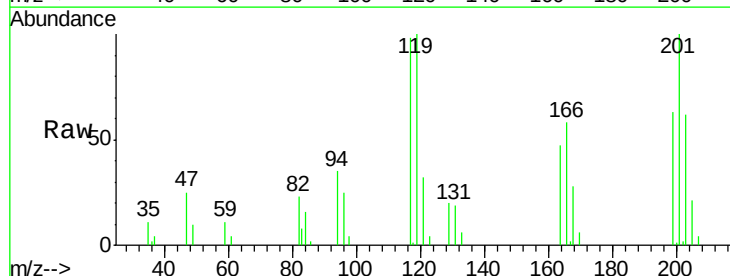
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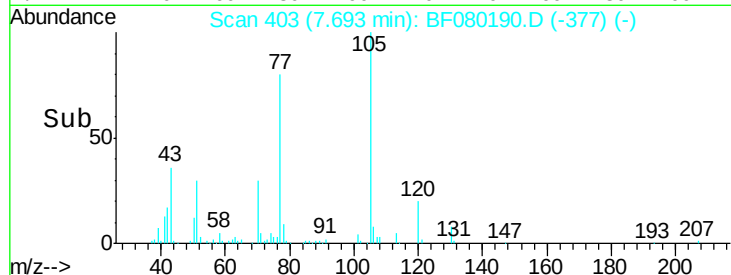
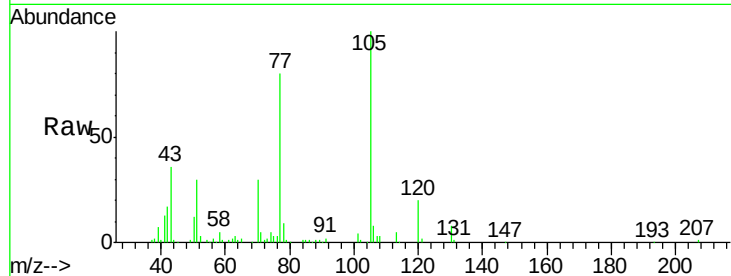
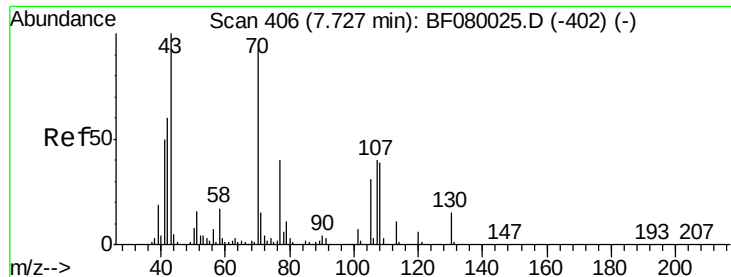
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#18
Hexachloroethane
Concen: 30.26 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	24094		
119	102.3	83.8	125.6	
201	102.5	55.1	82.7	





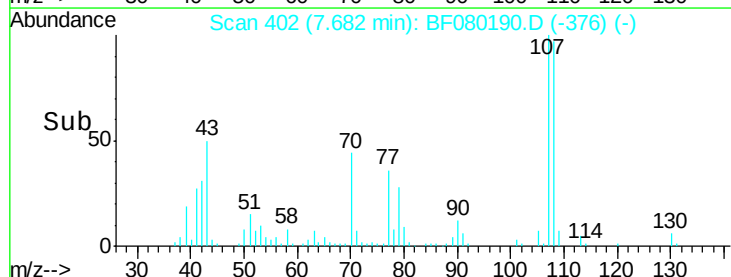
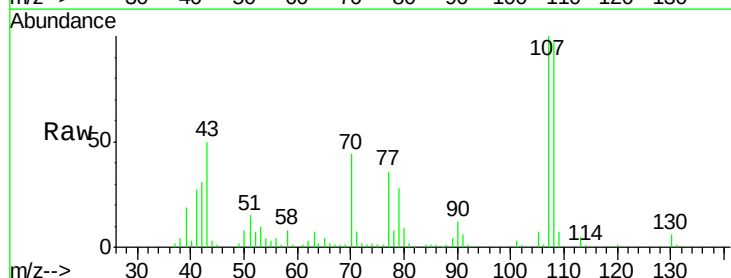
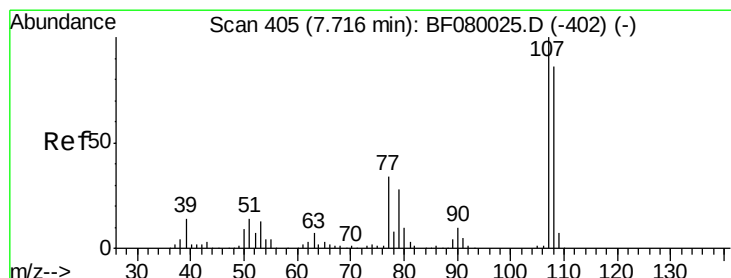
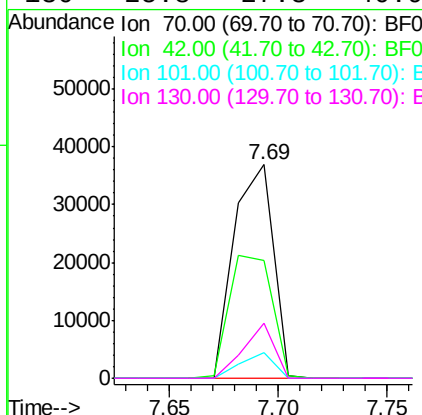
#19
n-Nitroso-di-n-propylamine
Concen: 27.78 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

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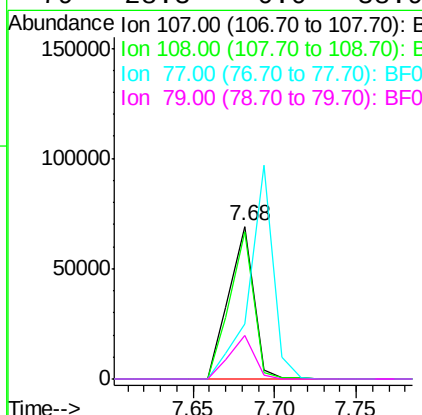
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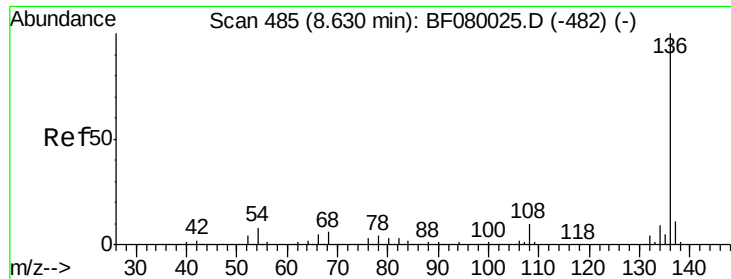
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.9	63.8	95.6#
101	12.0	9.2	13.8
130	25.8	27.3	40.9#



#20
3+4-Methylphenols
Concen: 31.73 ng
RT: 7.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.7	74.6	114.6
77	36.3	0.7	40.7
79	28.3	0.0	38.9





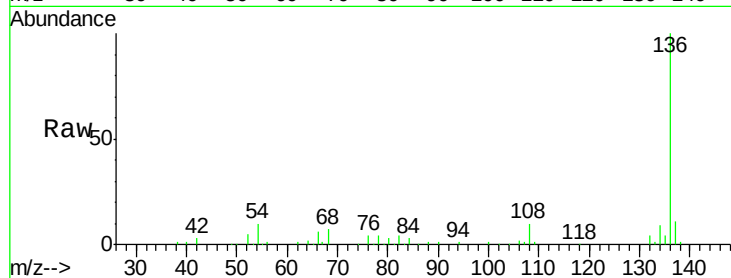
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

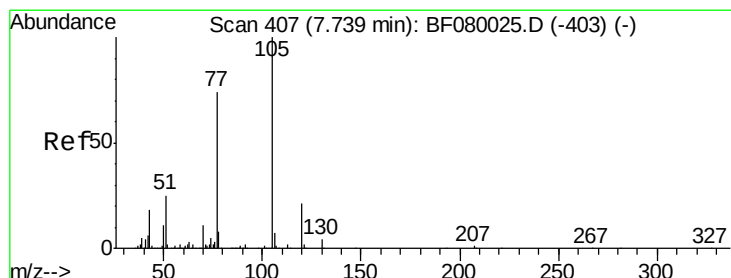
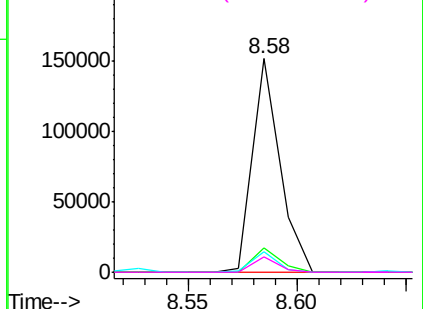
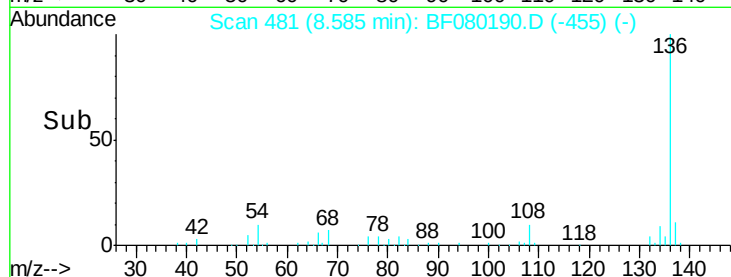
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	9.0	13.6
54	9.8	8.2	12.2
68	7.4	5.8	8.6

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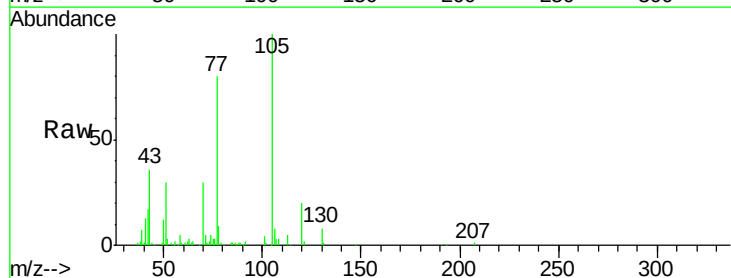


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

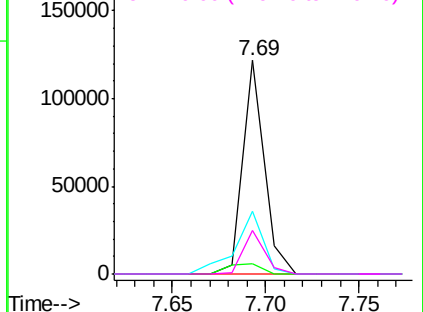
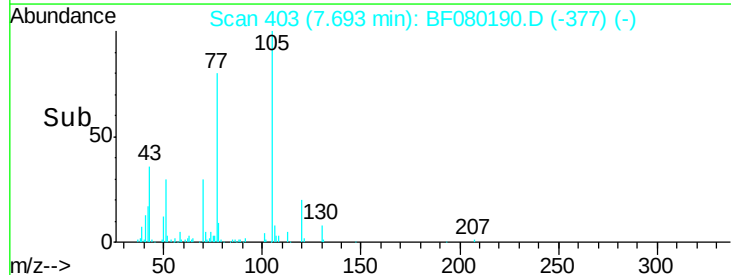


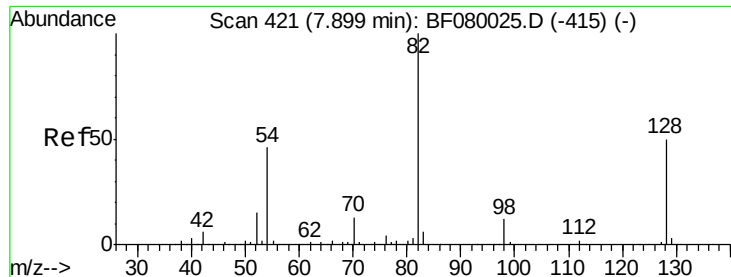
#22
Acetophenone
Concen: 31.82 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.9	4.7	7.1
51	29.6	22.0	33.0
120	20.2	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: 65.30 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

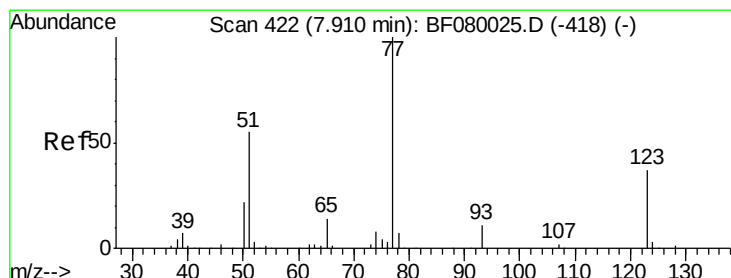
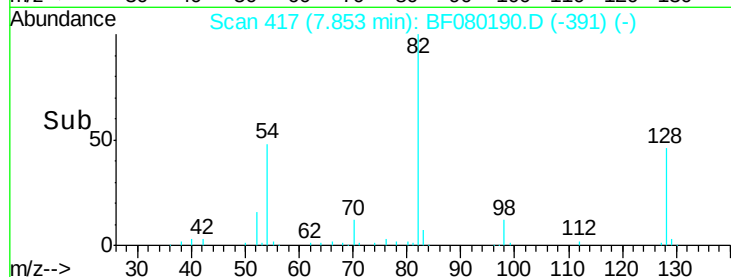
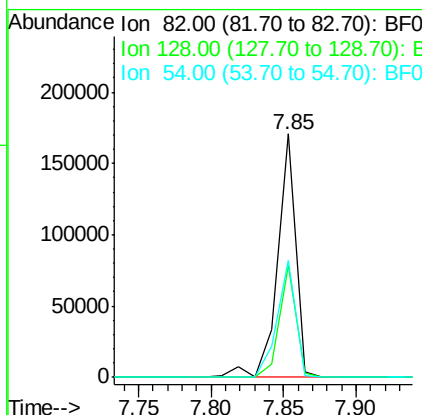
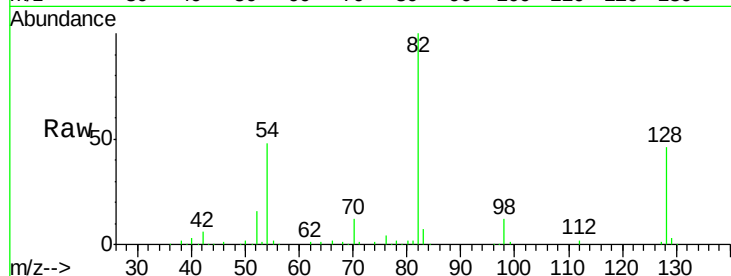
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	82	Resp:	148535
Ion Ratio	Lower	Upper	
82	100		
128	45.7	51.0	76.6#
54	48.1	47.5	71.3

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#24

Nitrobenzene

Concen: 29.28 ng

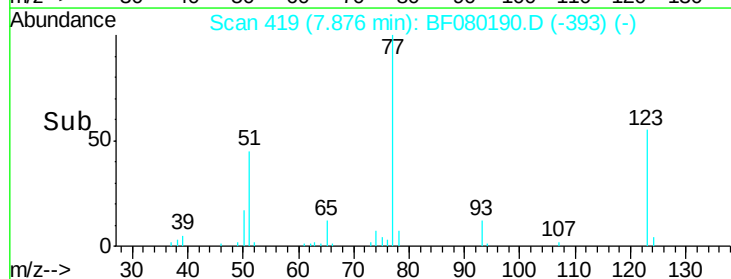
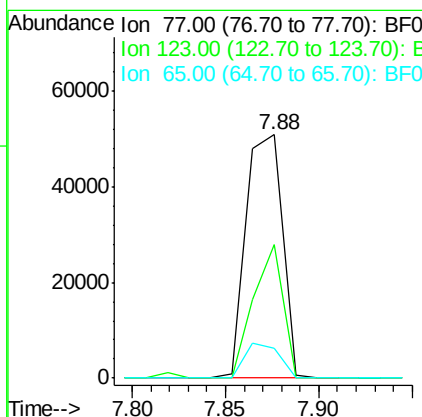
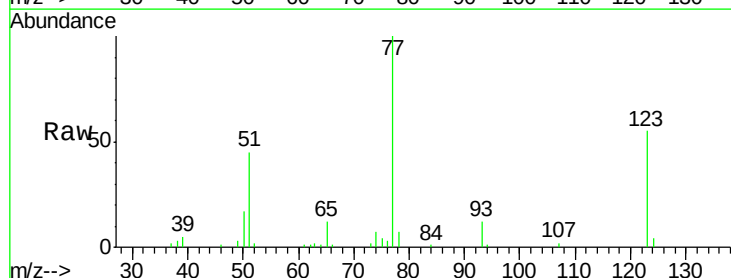
RT: 7.88 min Scan# 419

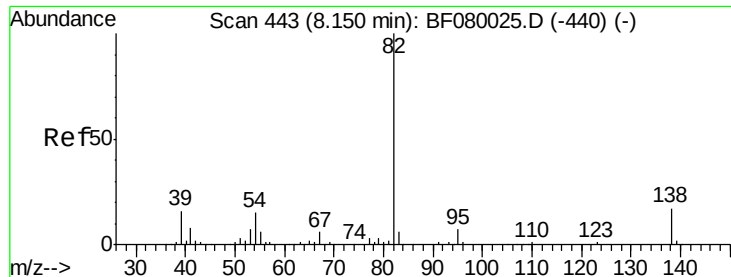
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	77	Resp:	68746
Ion Ratio	Lower	Upper	
77	100		
123	54.7	59.8	89.8#
65	12.5	10.2	15.4





#25

Isophorone

Concen: 28.98 ng

RT: 8.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

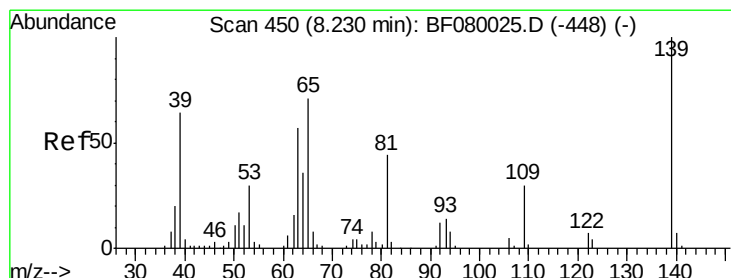
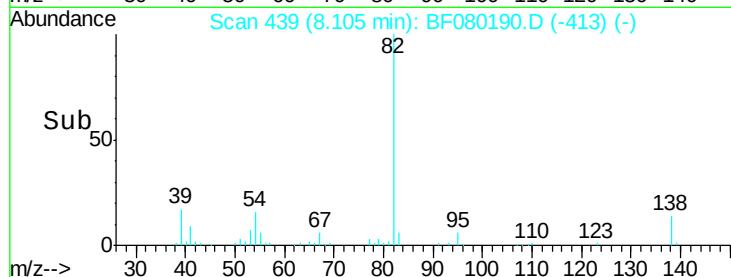
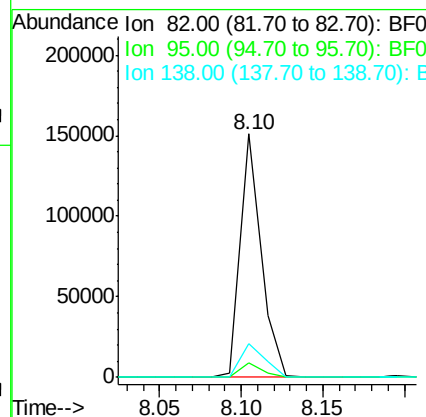
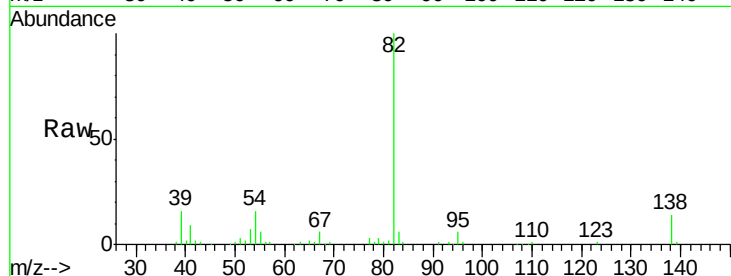
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	82	Resp:	132683
Ion Ratio		Lower	Upper
82	100		
95	6.0	4.0	6.0#
138	13.9	18.3	27.5#

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#26

2-Nitrophenol

Concen: 32.38 ng

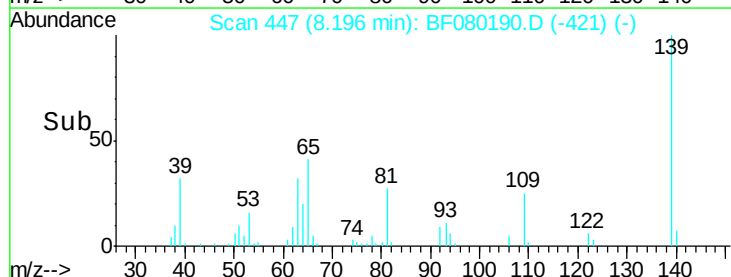
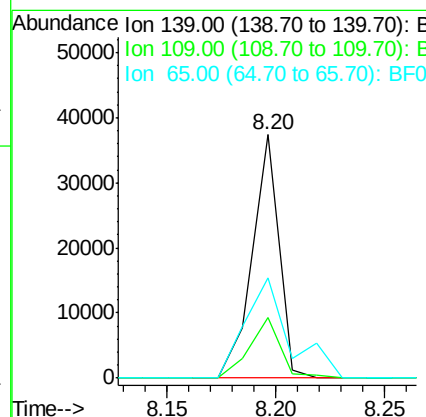
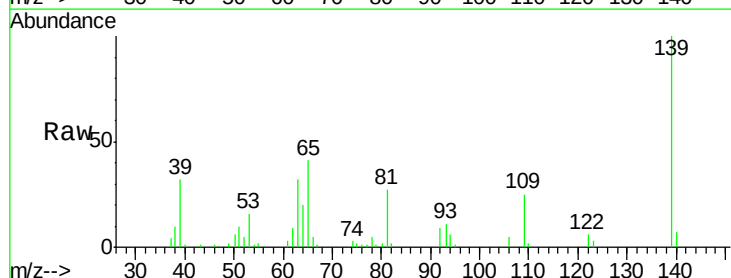
RT: 8.20 min Scan# 447

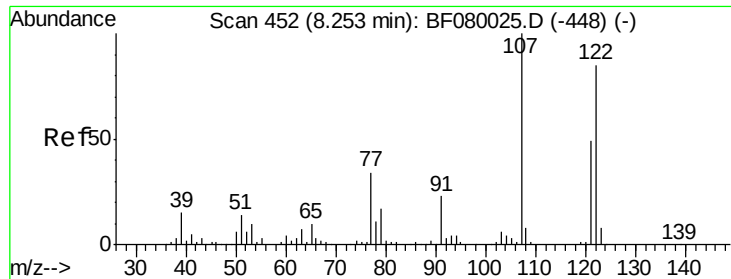
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	139	Resp:	31821
Ion Ratio		Lower	Upper
139	100		
109	25.0	11.0	16.4#
65	41.0	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 29.51 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

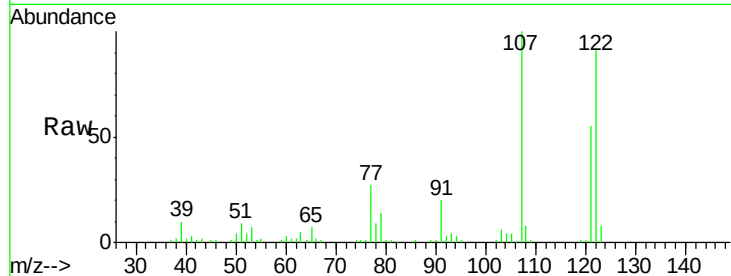
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	60466		
107	108.2	71.8	107.6#	
121	59.2	42.3	63.5	

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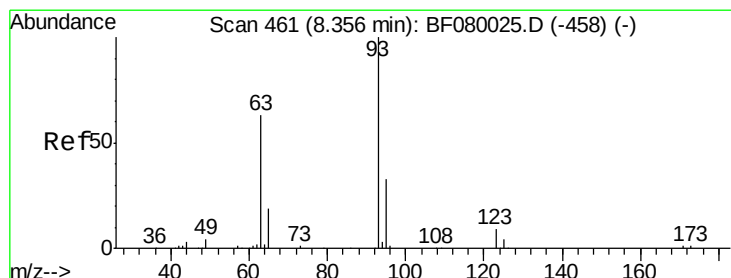
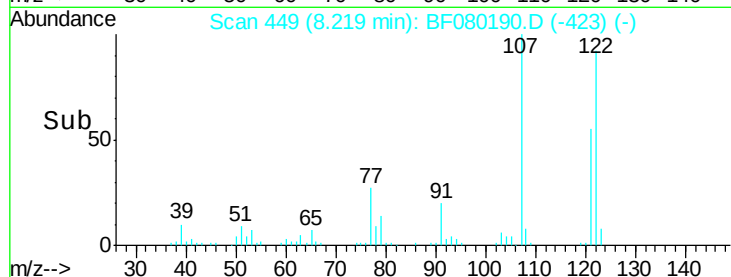
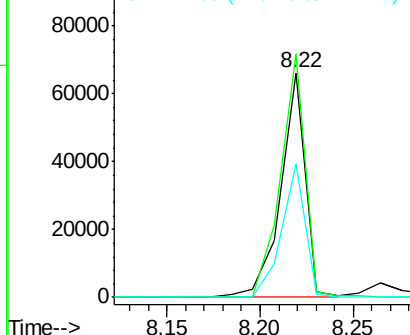
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.45 ng

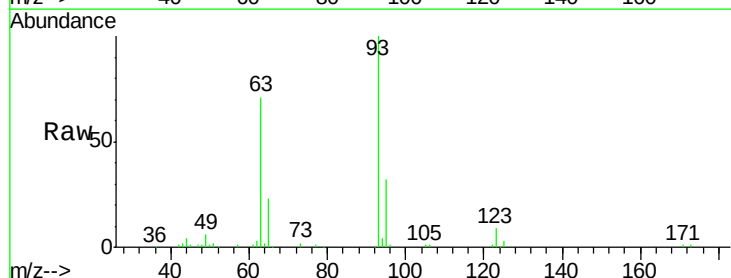
RT: 8.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

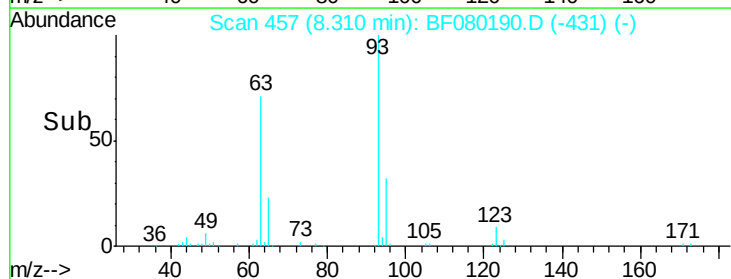
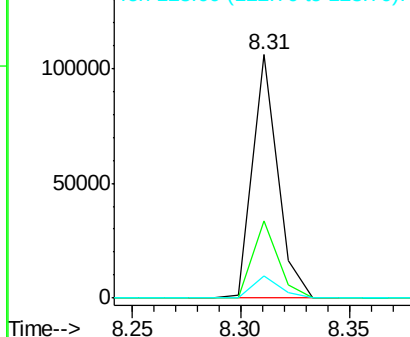
Tgt Ion	Ratio	Resp	Lower	Upper
93	100	84576		
95	31.7	27.5	41.3	
123	9.2	13.7	20.5#	

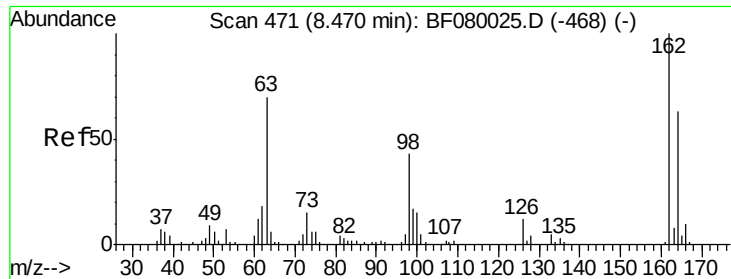


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





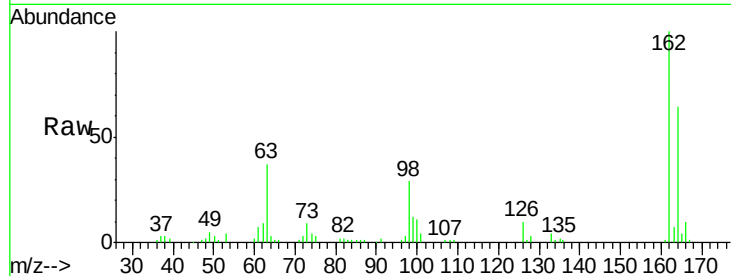
#29
 2,4-Dichlorophenol
 Concen: 33.27 ng
 RT: 8.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

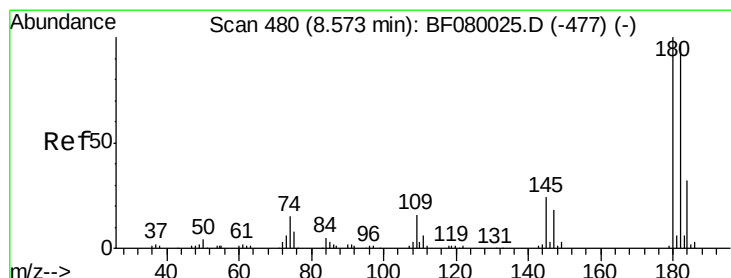
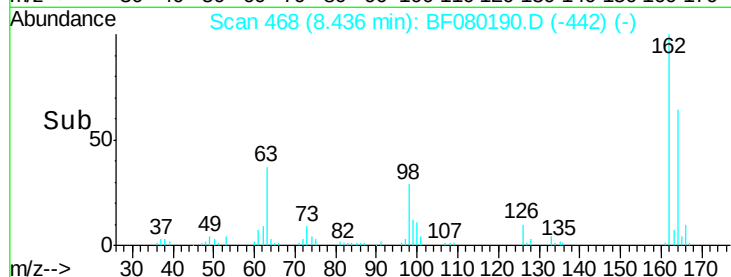
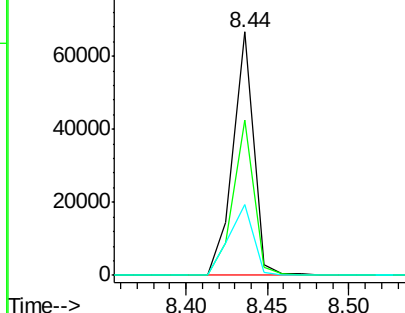
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.7	44.9	84.9
98	29.0	13.0	53.0

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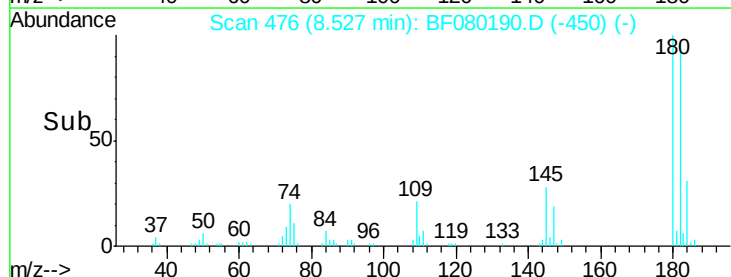
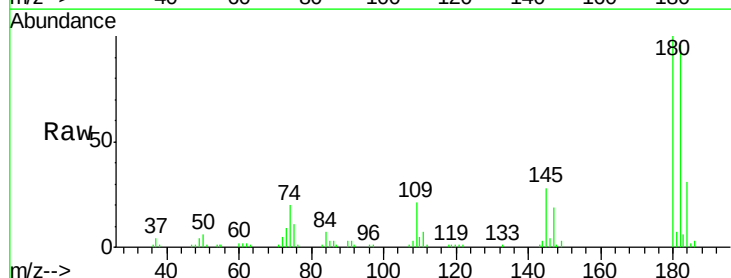
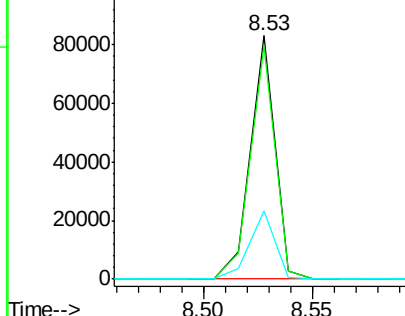
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

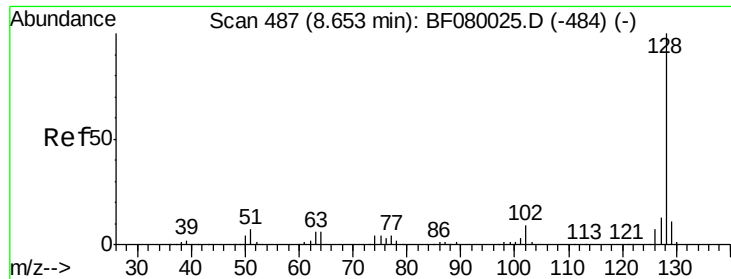


#30
 1,2,4-Trichlorobenzene
 Concen: 32.67 ng
 RT: 8.53 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	77.1	115.7
145	28.2	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





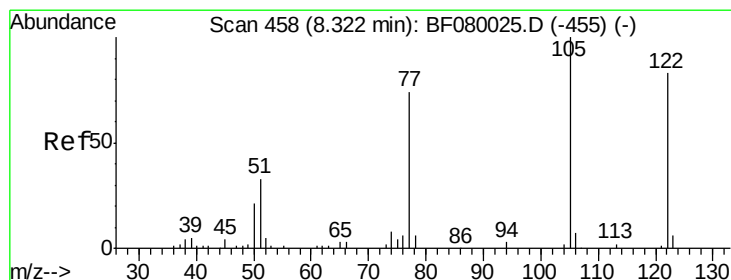
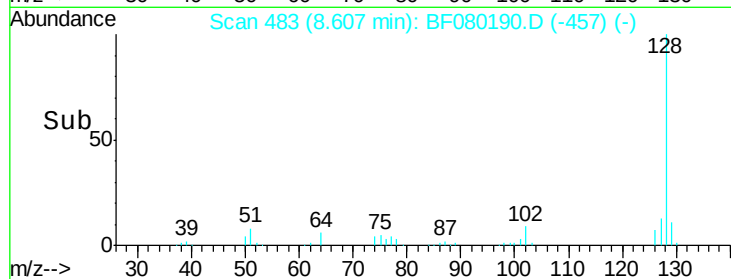
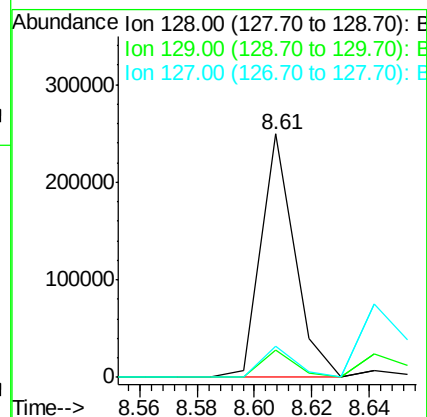
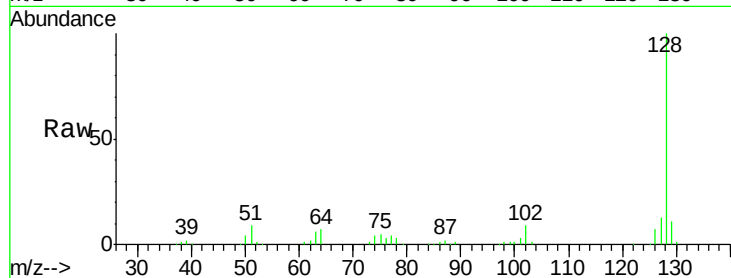
#31
Naphthalene
Concen: 29.34 ng m
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	203163		
129	11.1	8.4	12.6	
127	12.9	9.9	14.9	

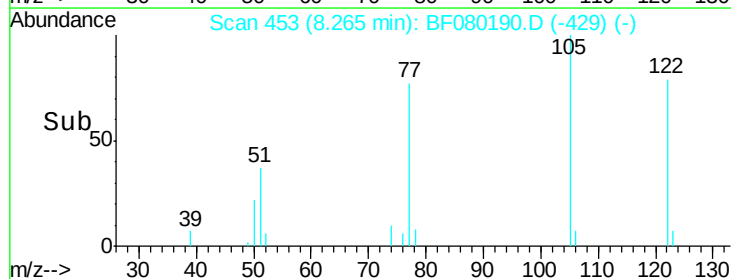
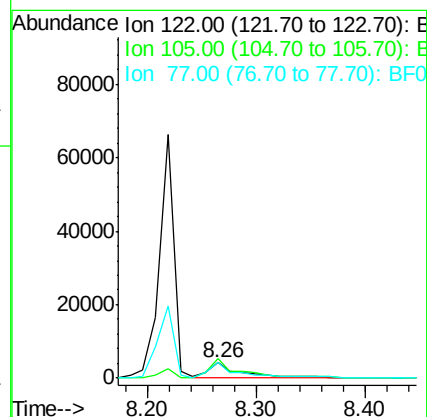
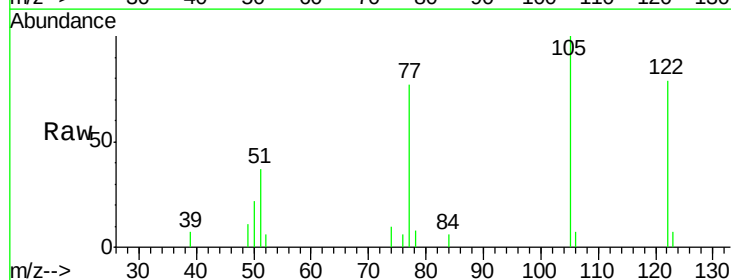
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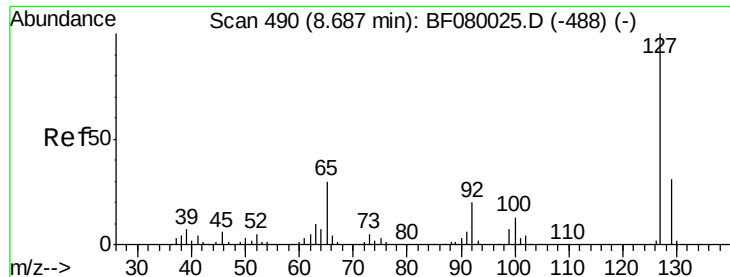
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#32
Benzoic acid
Concen: 7.17 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	8878		
105	127.0	76.1	116.1#	
77	98.4	40.5	80.5#	





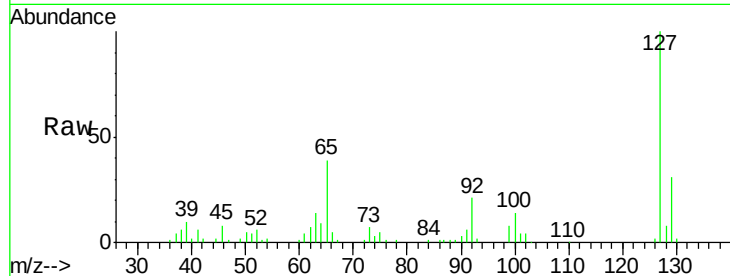
#33
4-Chloroaniline
Concen: 26.59 ng m
RT: 8.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

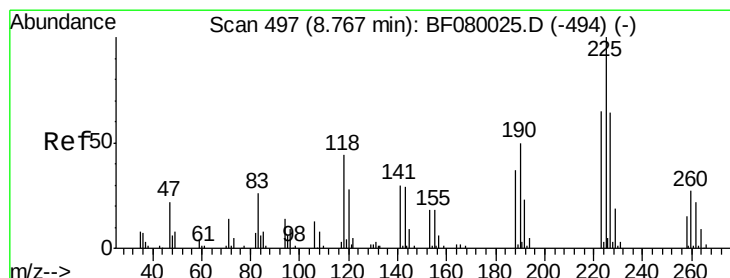
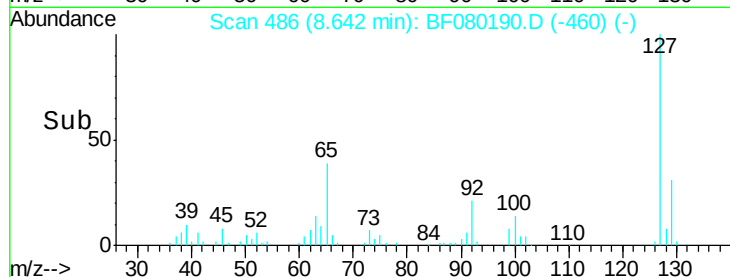
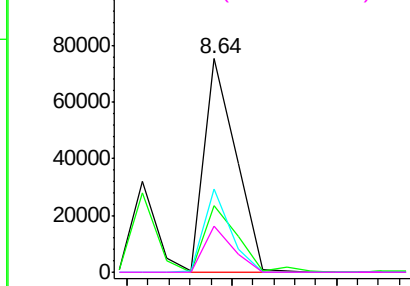
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.8	38.6
65	38.7	17.9	26.9#
92	21.3	10.5	15.7#

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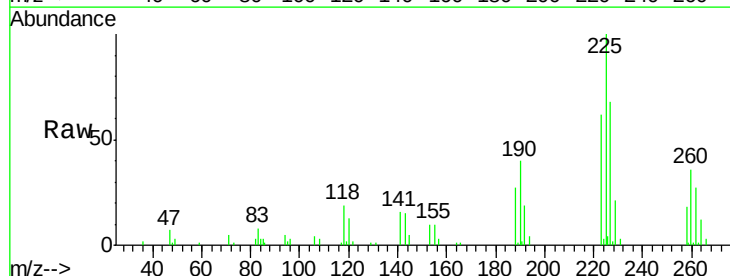


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

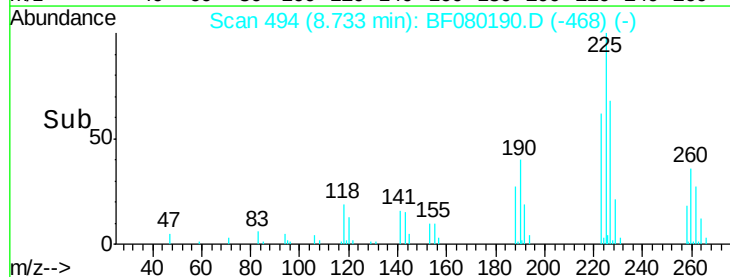
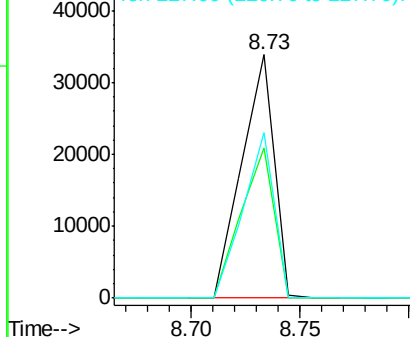


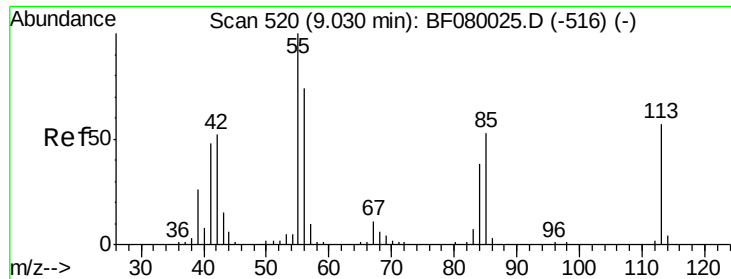
#34
Hexachlorobutadiene
Concen: 28.40 ng
RT: 8.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.2	75.2
227	67.9	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: 28.23 ng

RT: 8.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

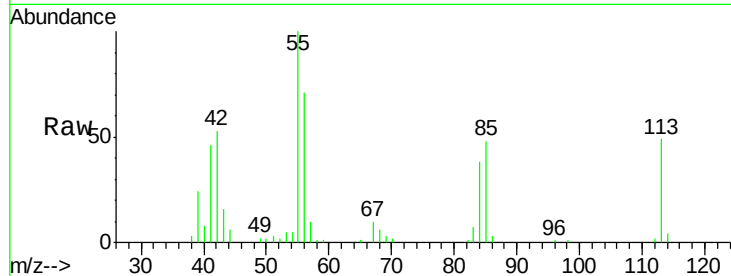
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	113	Resp:	16079
Ion Ratio	Lower	Upper	
113	100		
55	203.9	152.4	192.4#
56	145.4	104.6	144.6#

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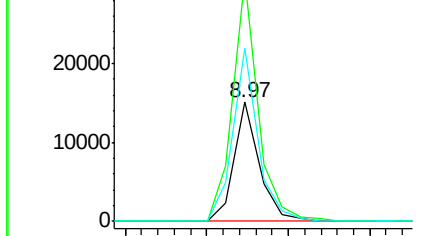
apatel
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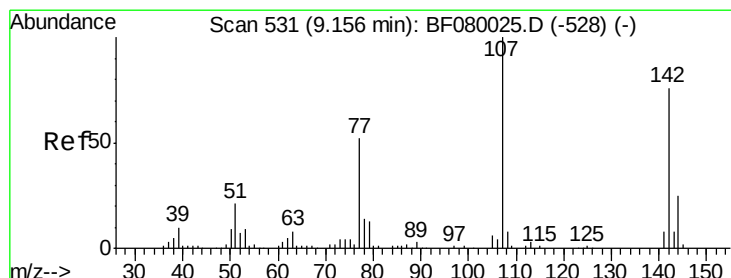
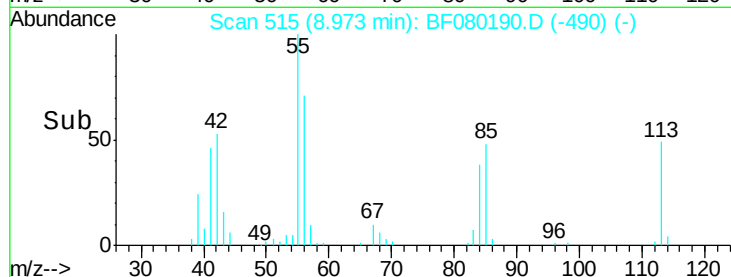
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 28.73 ng

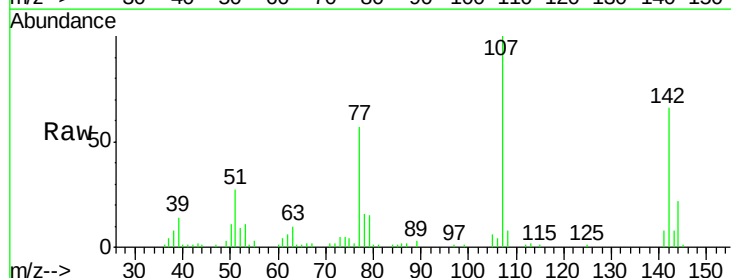
RT: 9.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

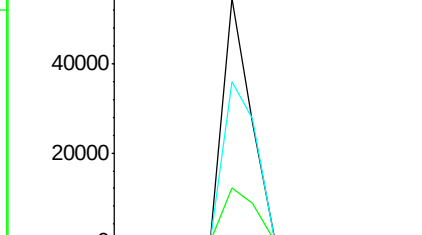
Tgt Ion:	107	Resp:	56879
Ion Ratio	Lower	Upper	
107	100		
144	22.0	25.4	38.0#
142	65.6	77.3	115.9#



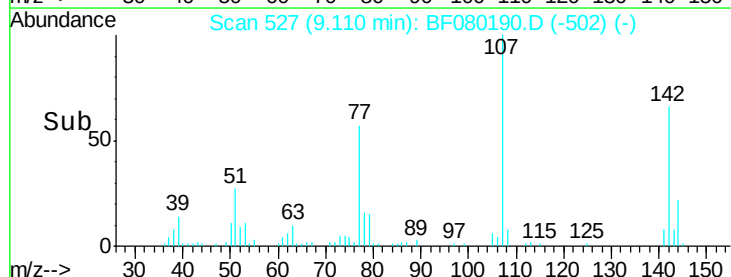
Abundance Ion 107.00 (106.70 to 107.70): E

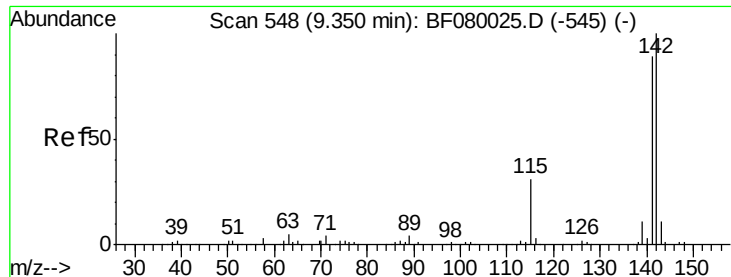
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





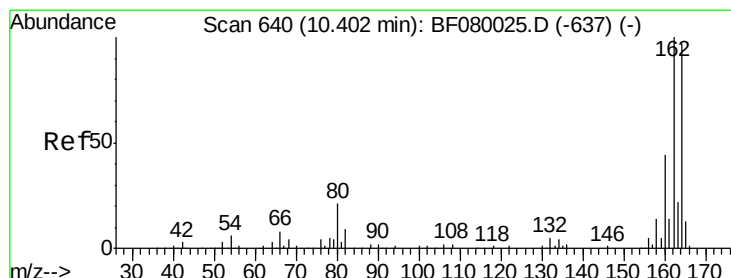
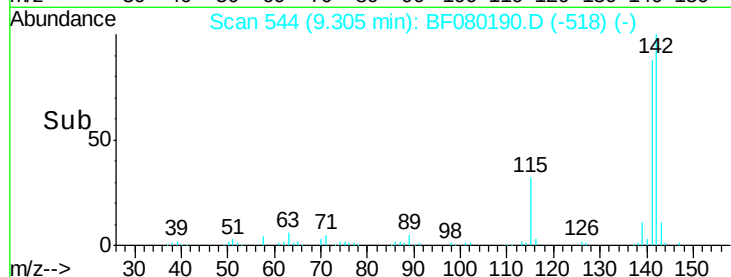
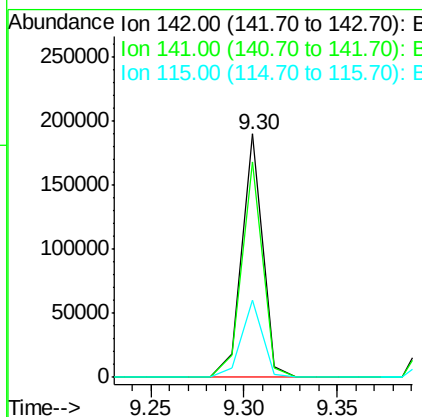
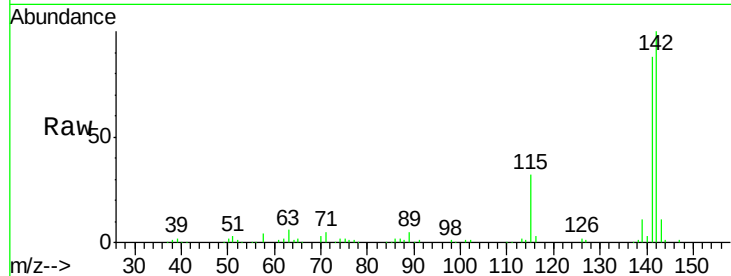
#37
 2-Methylnaphthalene
 Concen: 33.21 ng
 RT: 9.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148742		
141	88.3	67.5	101.3	
115	31.5	18.2	27.2#	

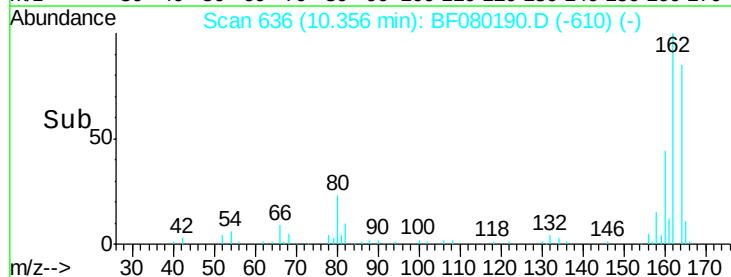
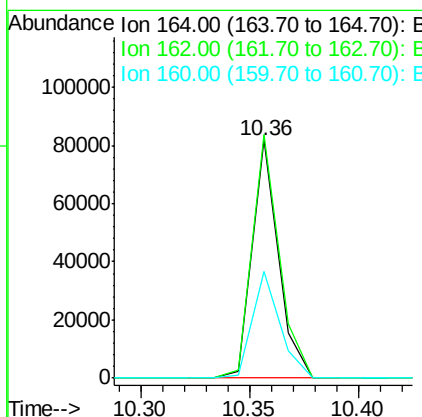
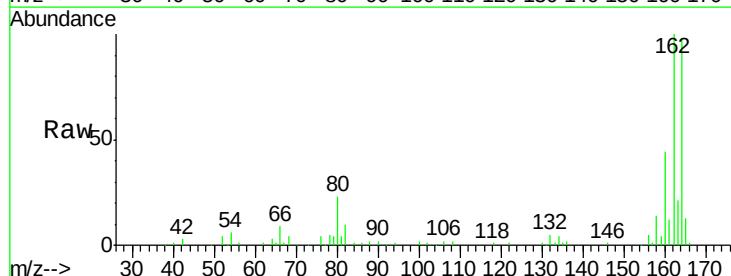
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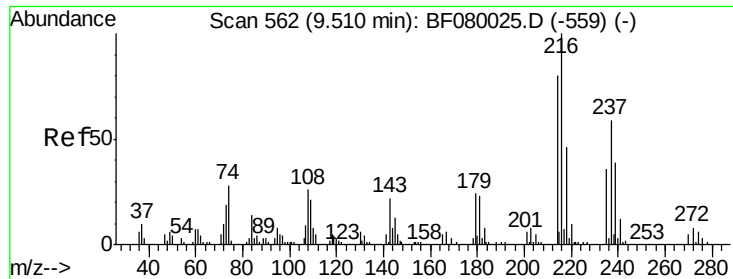
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68472		
162	102.1	75.2	112.8	
160	44.7	31.5	47.3	





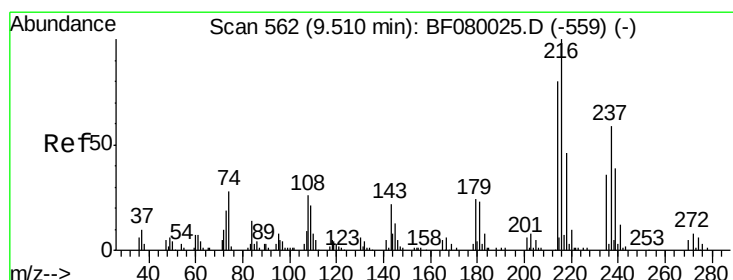
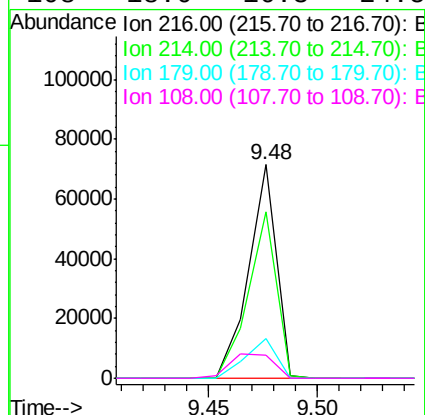
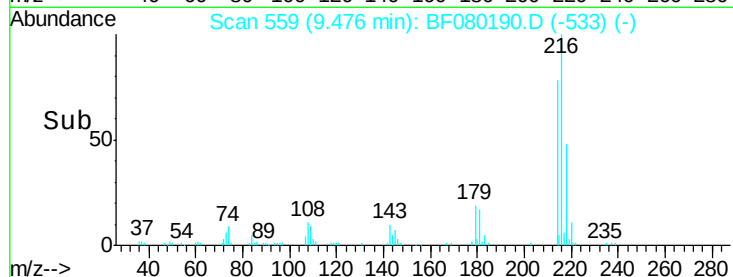
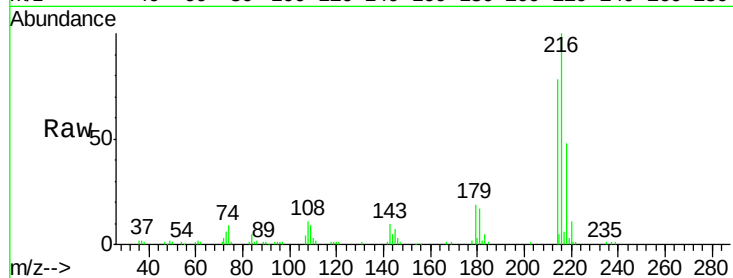
#39
1,2,4,5-Tetrachlorobenzene
Concen: 31.74 ng
RT: 9.48 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	20.6	16.6	24.8
108	18.0	16.3	24.5

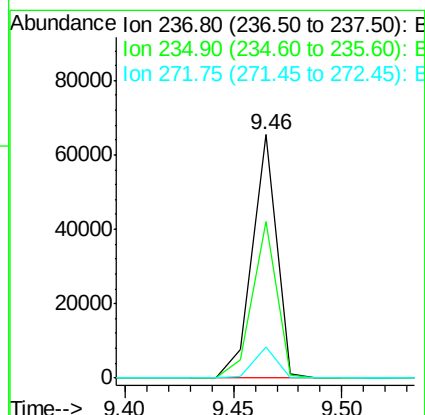
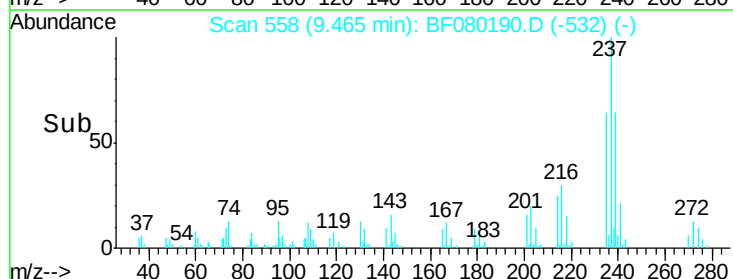
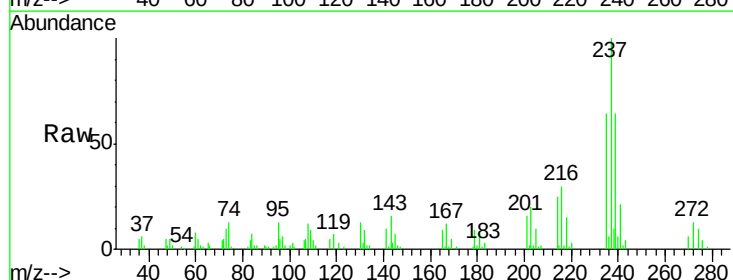
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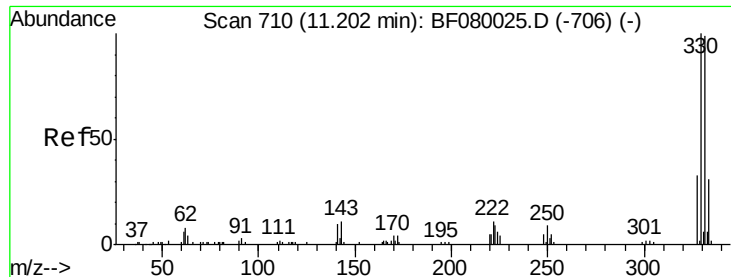
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#40
Hexachlorocyclopentadiene
Concen: 52.00 ng
RT: 9.46 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.3	42.0	82.0
272	13.0	0.0	36.1





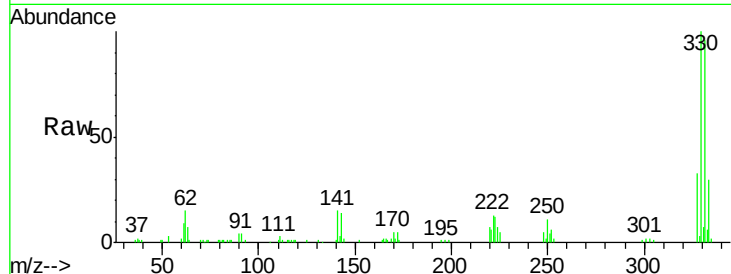
#41
 2,4,6-Tribromophenol
 Concen: 92.18 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

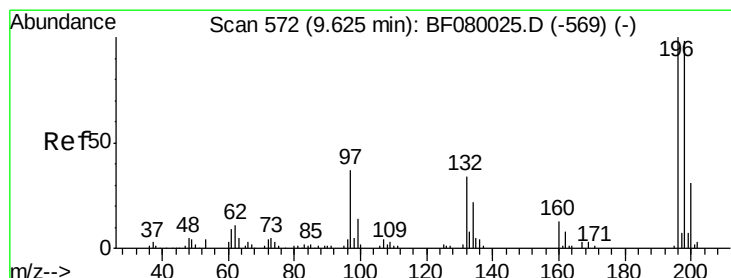
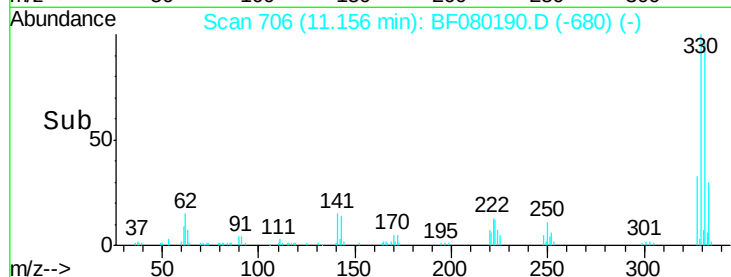
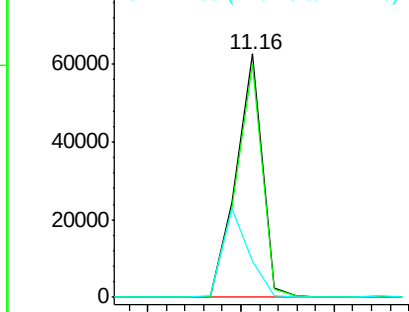
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	61717		
332	95.3	76.6	114.8	
141	36.9	29.7	44.5	

Manual Integrations
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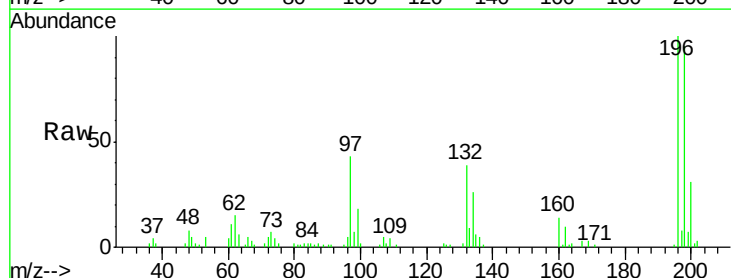


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

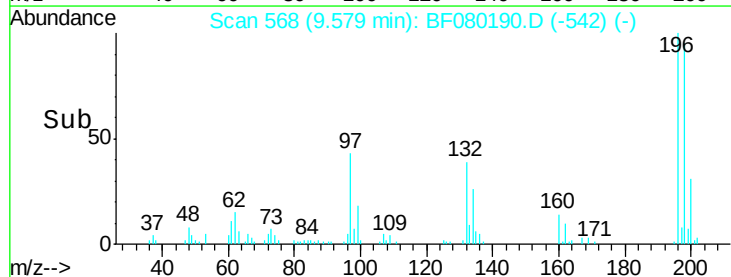
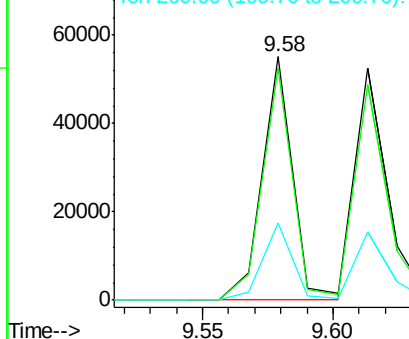


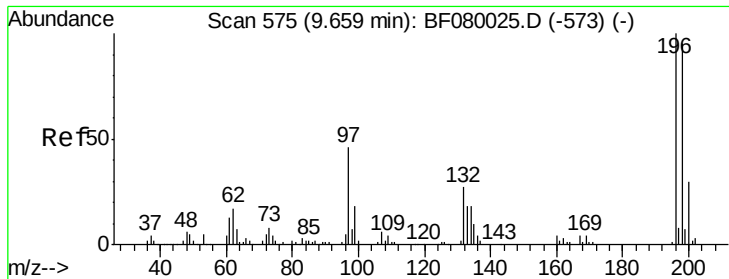
#42
 2,4,6-Trichlorophenol
 Concen: 33.14 ng
 RT: 9.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	44933		
198	95.3	75.7	113.5	
200	31.5	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





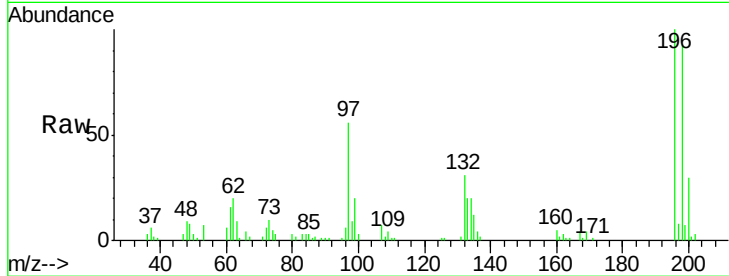
#43
 2,4,5-Trichlorophenol
 Concen: 29.30 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

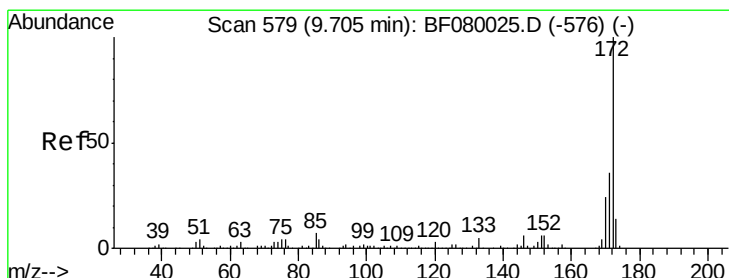
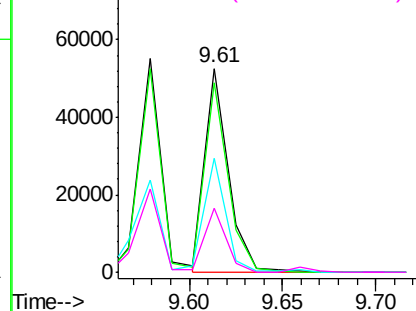
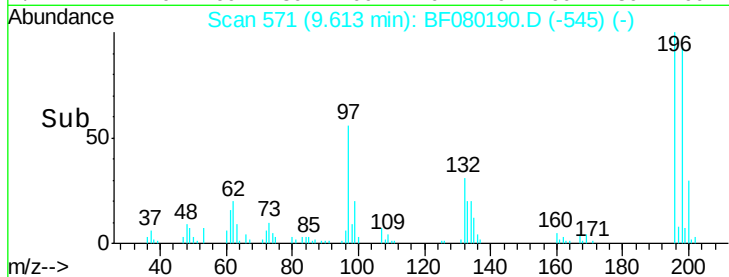
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45769		
198	93.1	75.4	113.0	
97	56.1	33.3	49.9	
132	31.2	24.6	37.0	

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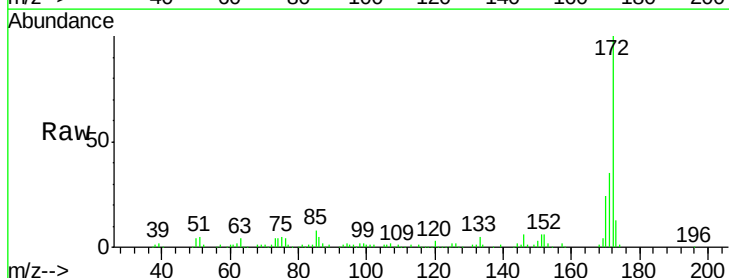


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

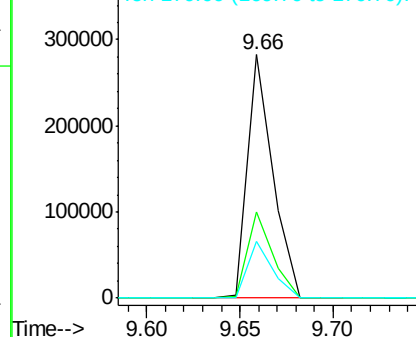
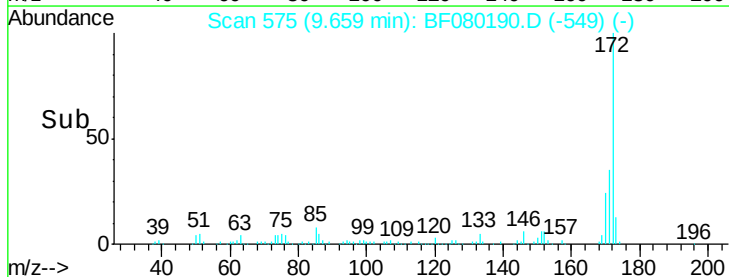


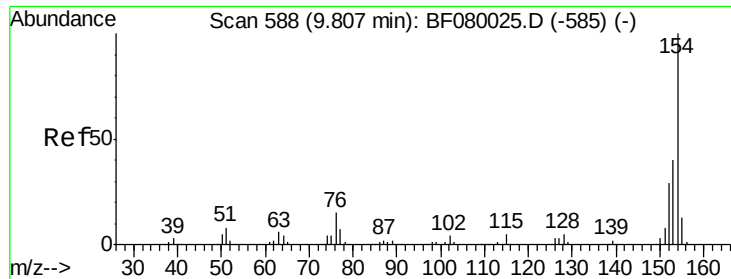
#44
 2-Fluorobiphenyl
 Concen: 55.53 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	266600		
171	35.2	26.1	39.1	
170	23.5	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





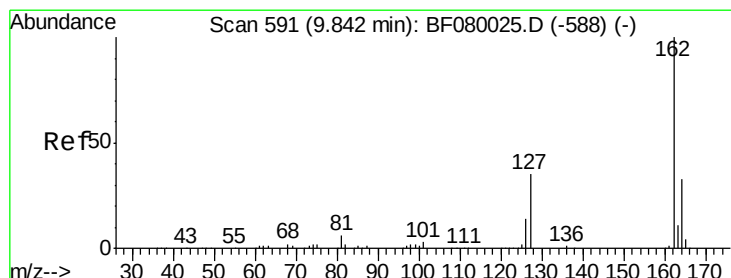
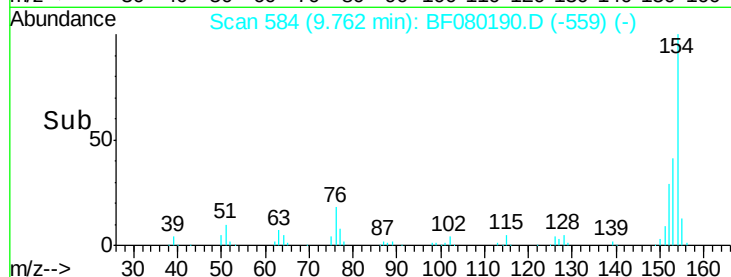
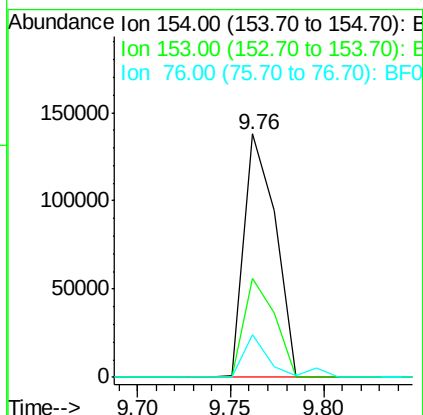
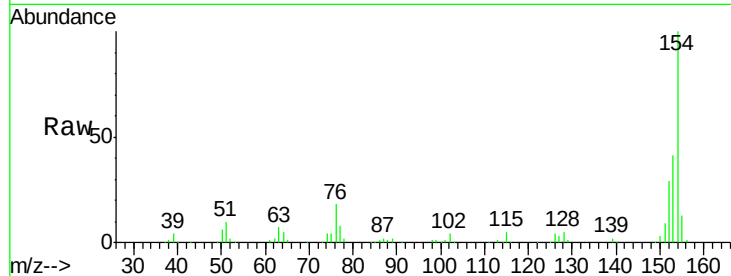
#45
 1,1'-Biphenyl
 Concen: 28.77 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	160285		
153	40.7	17.1	57.1	
76	17.8	0.0	31.6	

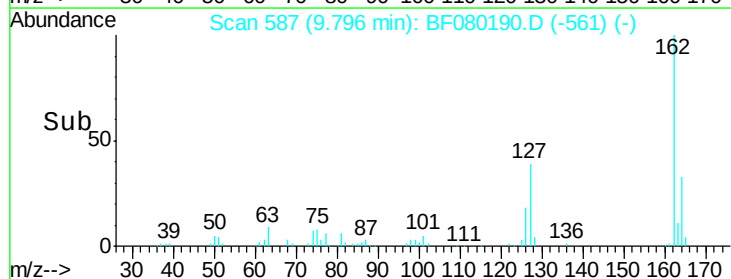
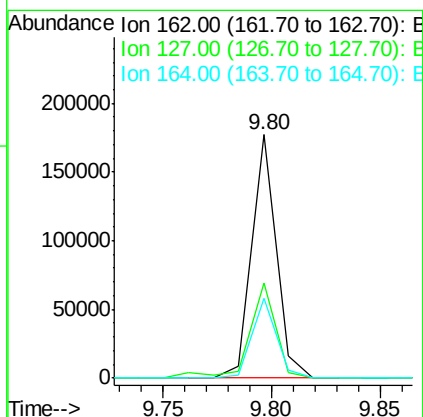
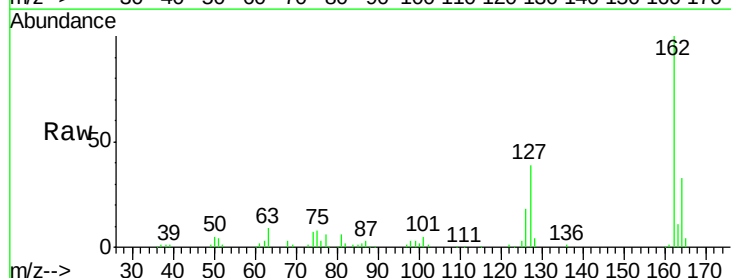
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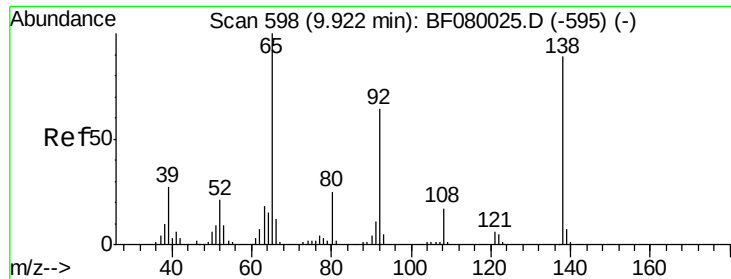
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#46
 2-Chloronaphthalene
 Concen: 30.67 ng
 RT: 9.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	138630		
127	38.9	27.6	41.4	
164	32.9	25.4	38.2	





#47

2-Nitroaniline

Concen: 29.82 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF080190.D

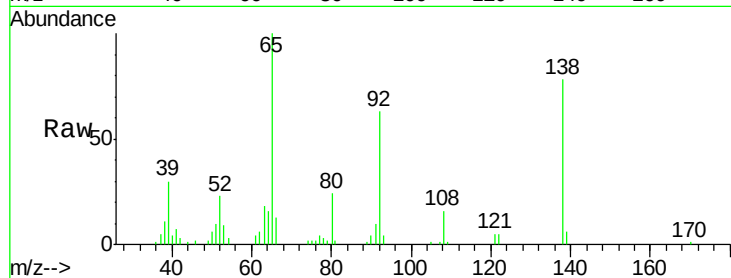
Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 65 Resp: 37005

Ion Ratio Lower Upper

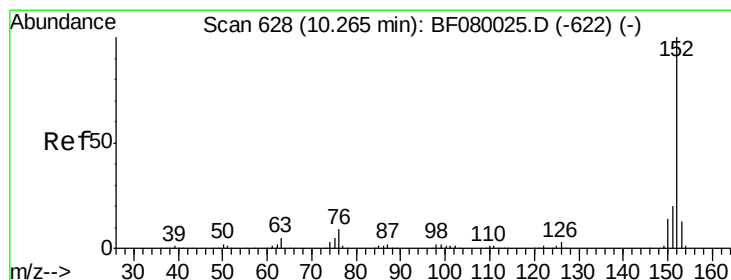
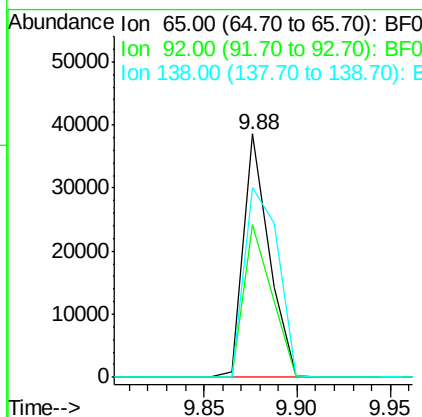
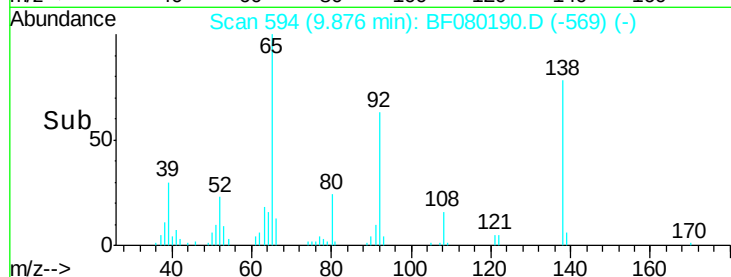
65 100

92 62.9 55.4 83.0

138 78.1 115.5 173.3#

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#48

Acenaphthylene

Concen: 30.43 ng

RT: 10.22 min Scan# 624

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

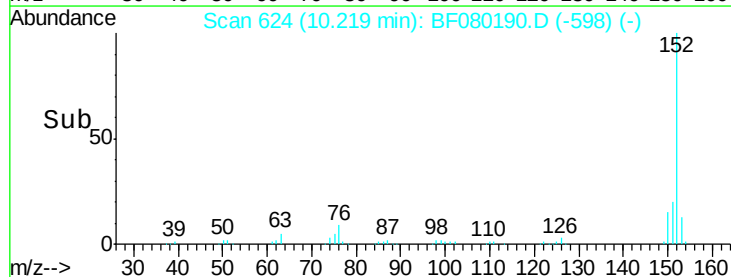
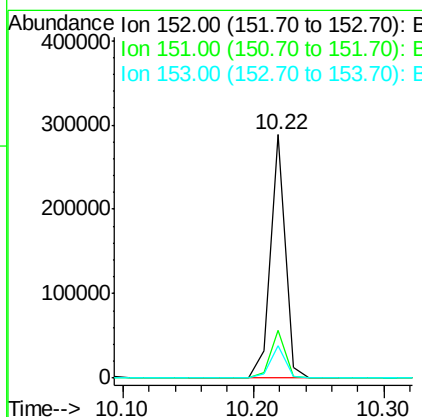
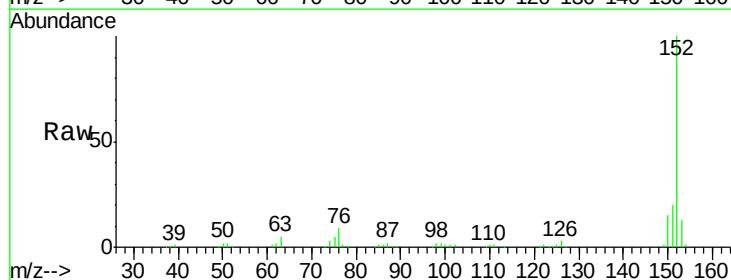
Tgt Ion: 152 Resp: 229569

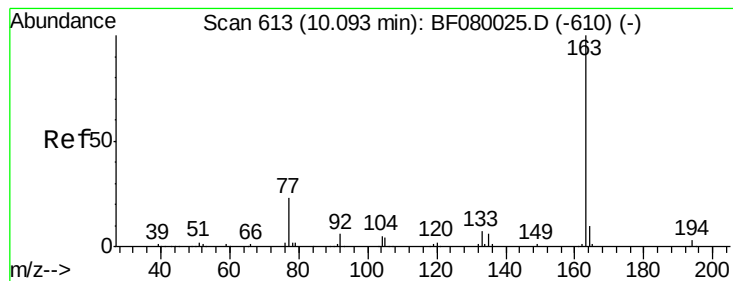
Ion Ratio Lower Upper

152 100

151 19.6 14.6 22.0

153 13.1 10.3 15.5





#49

Dimethylphthalate

Concen: 36.41 ng

RT: 10.05 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

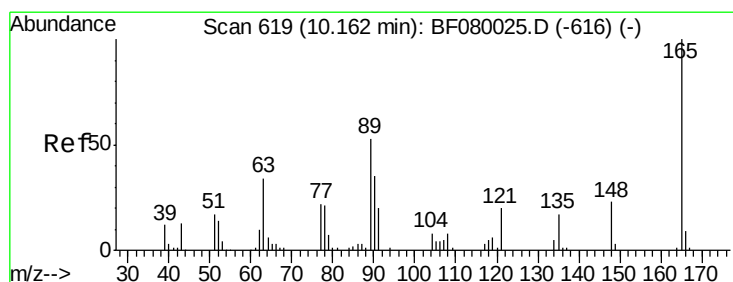
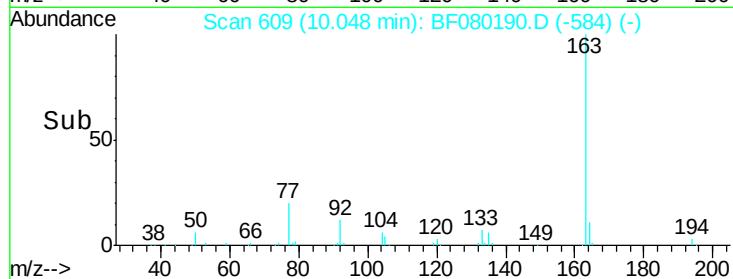
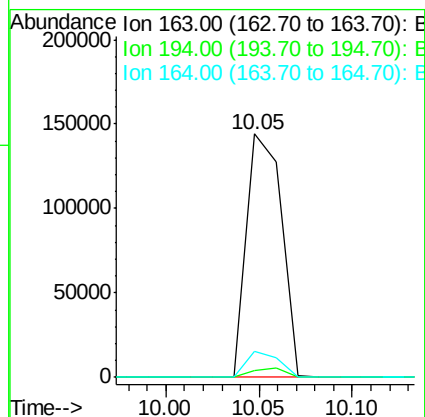
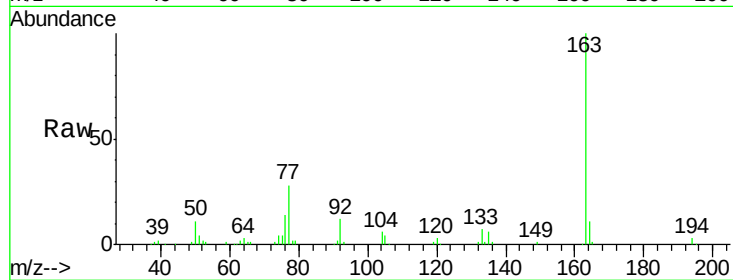
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	163	Resp:	187415
Ion Ratio	Lower	Upper	
163	100		
194	2.9	4.4	6.6#
164	10.6	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 31.48 ng

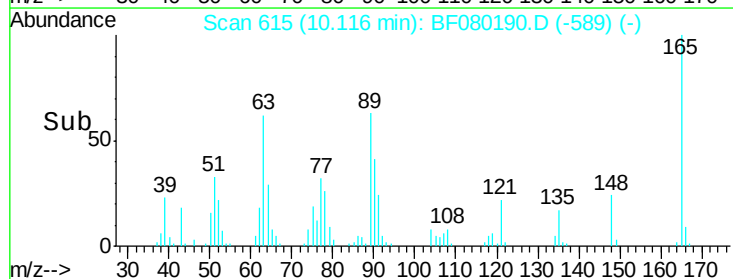
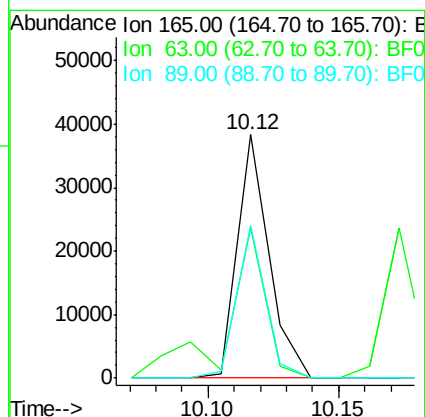
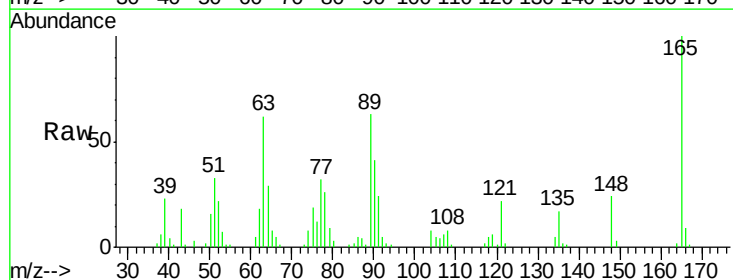
RT: 10.12 min Scan# 615

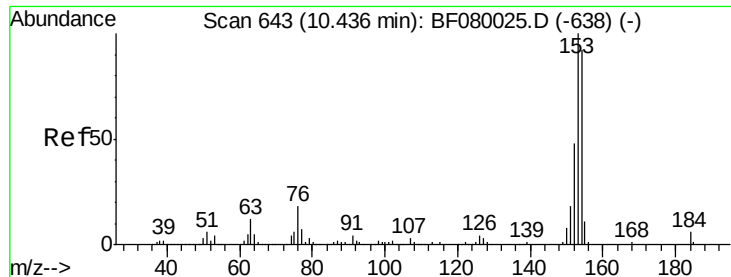
Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	165	Resp:	32485
Ion Ratio	Lower	Upper	
165	100		
63	61.8	32.3	48.5#
89	62.6	28.6	43.0#





#51

Acenaphthene

Concen: 30.09 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

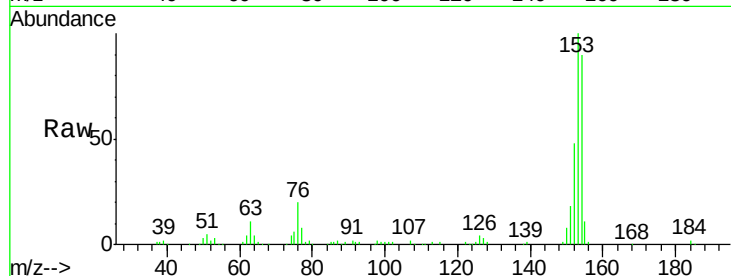
ClientSampleId :

NORTHADBOTTOM-062515MS

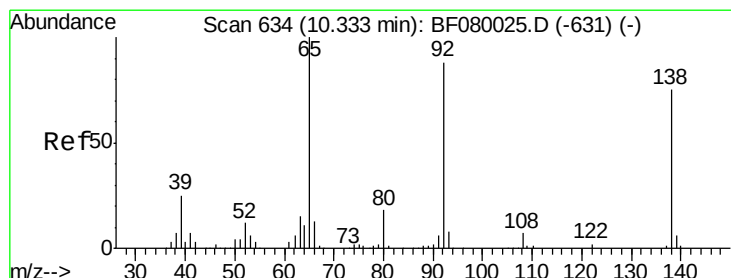
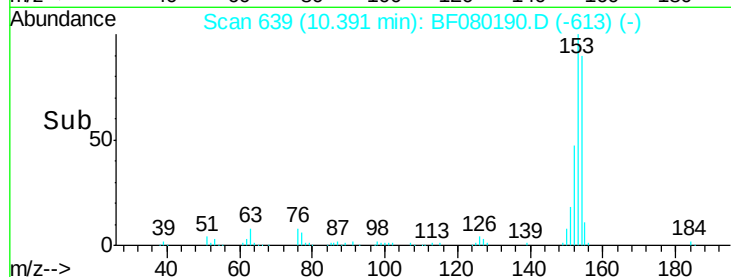
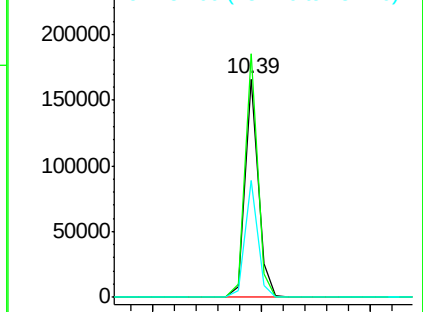
Tgt Ion:	154	Resp:	138889
Ion Ratio	Lower	Upper	
154	100		
153	111.6	82.1	123.1
152	53.5	37.9	56.9

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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: 30.32 ng

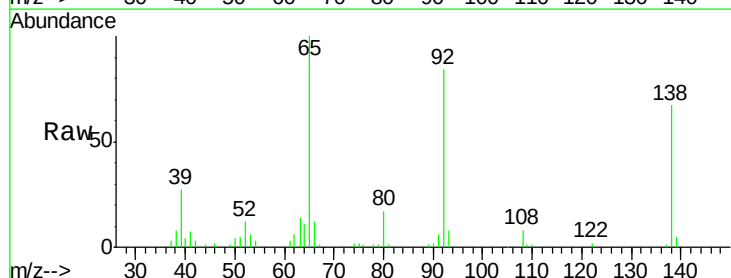
RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

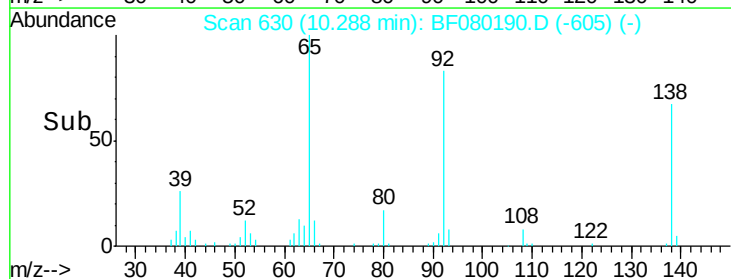
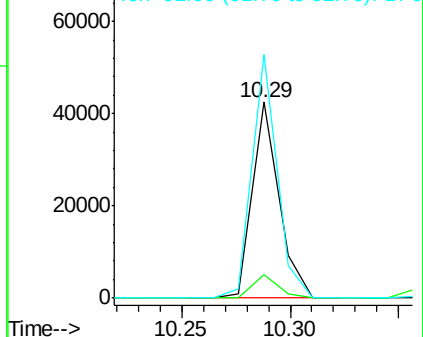
Lab File: BF080190.D

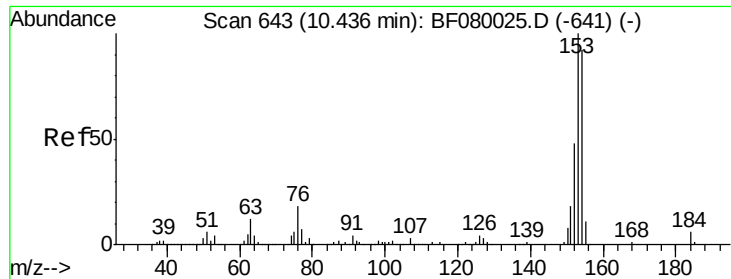
Acq: 26 Jun 2015 15:35

Tgt Ion:	138	Resp:	36104
Ion Ratio	Lower	Upper	
138	100		
108	11.7	5.7	8.5#
92	124.4	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: 44.76 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080190.D

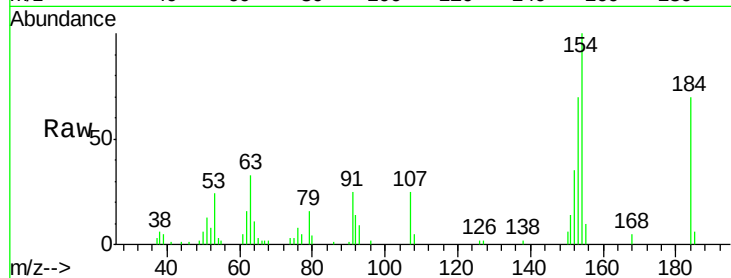
Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:184 Resp: 17638

Ion Ratio Lower Upper

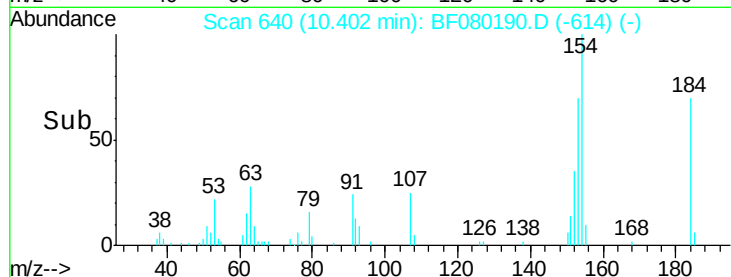
184 100

63 47.3 35.4 53.2

154 142.1 32.2 48.4#

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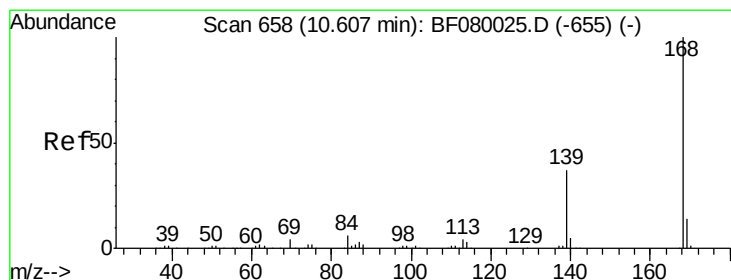
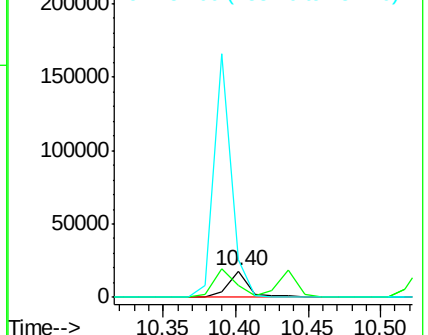
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 30.39 ng

RT: 10.56 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

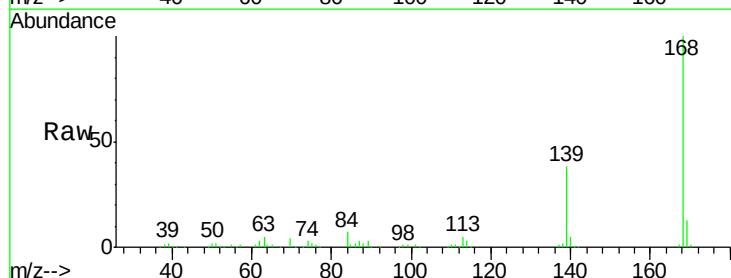
Tgt Ion:168 Resp: 199035

Ion Ratio Lower Upper

168 100

139 38.0 24.2 36.2#

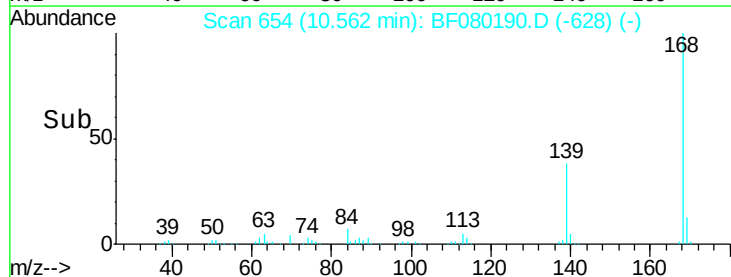
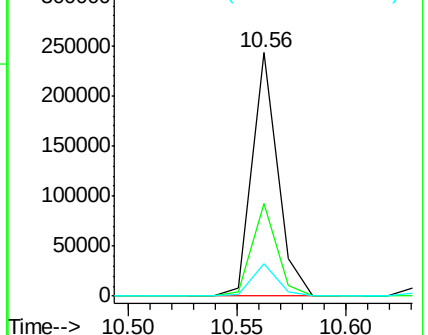
169 13.5 10.6 15.8

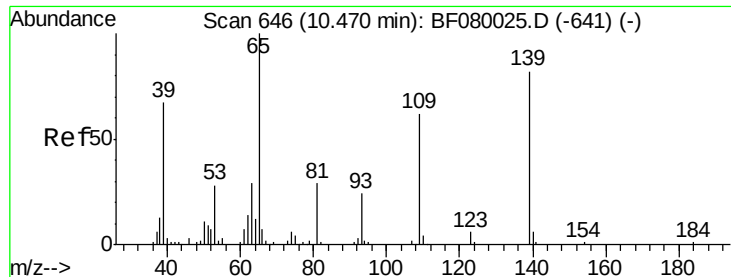


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 63.91 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:139 Resp: 60822

Ion Ratio Lower Upper

139 100

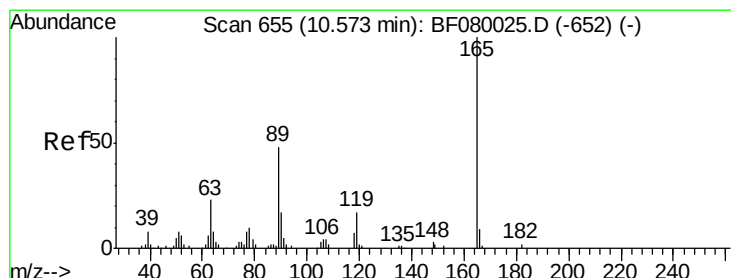
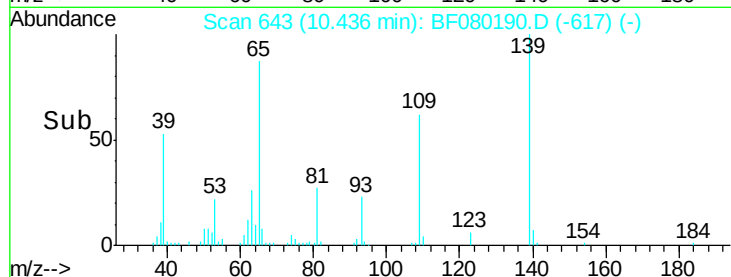
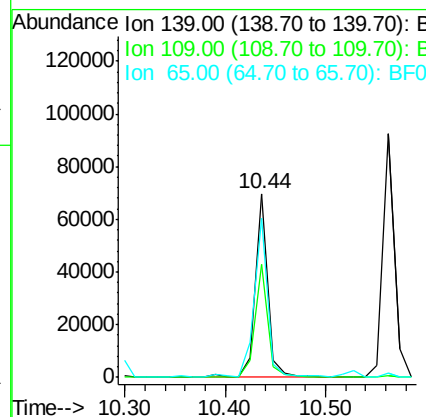
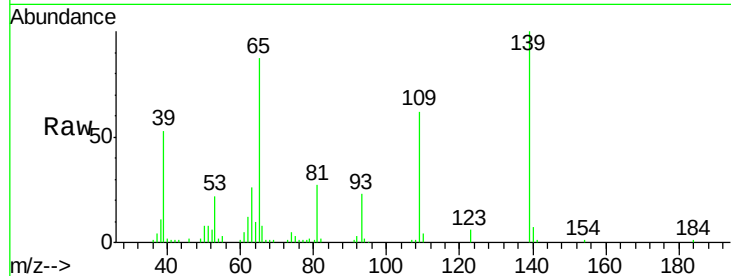
109 61.7 12.7 52.7#

65 86.8 45.9 85.9#

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#56

2,4-Dinitrotoluene

Concen: 35.97 ng

RT: 10.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:165 Resp: 47103

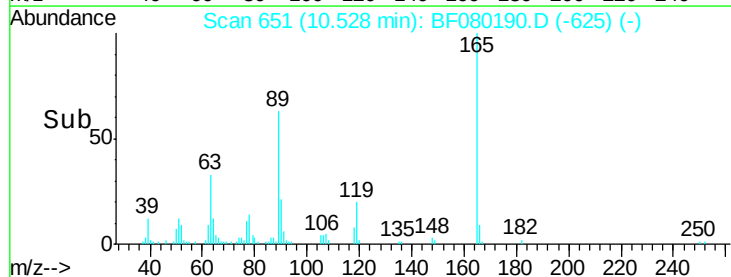
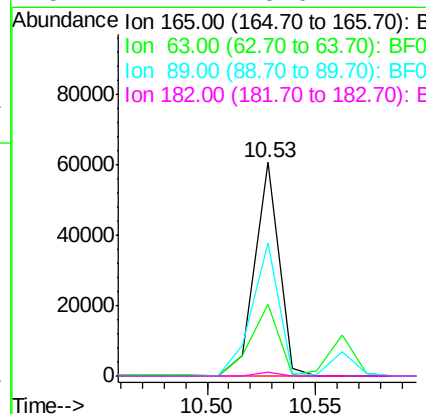
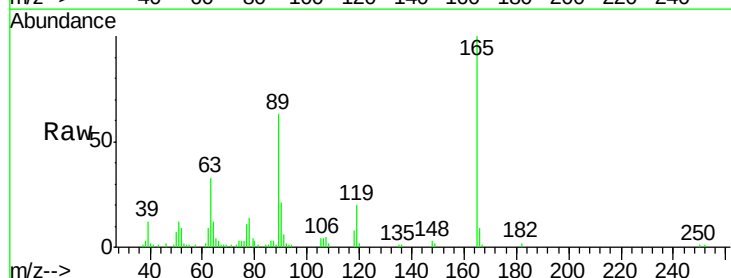
Ion Ratio Lower Upper

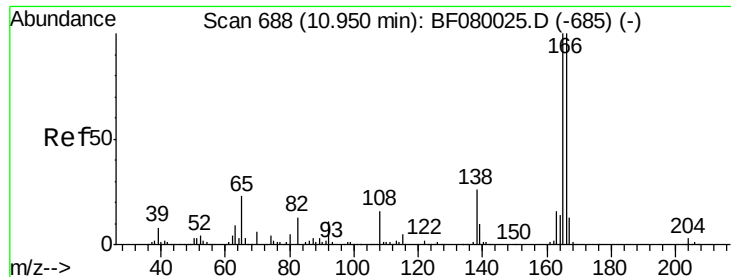
165 100

63 33.5 29.8 44.6

89 62.6 44.5 66.7

182 2.1 3.0 4.4#





#57

Fluorene

Concen: 29.14 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

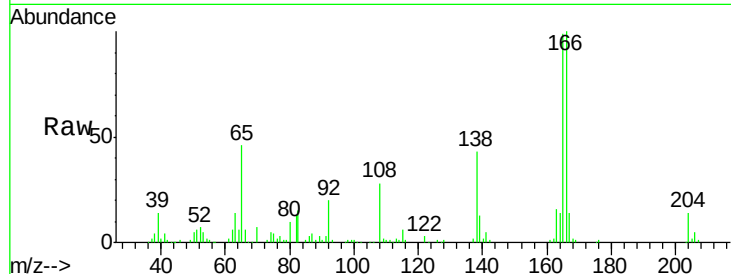
ClientSampleId :

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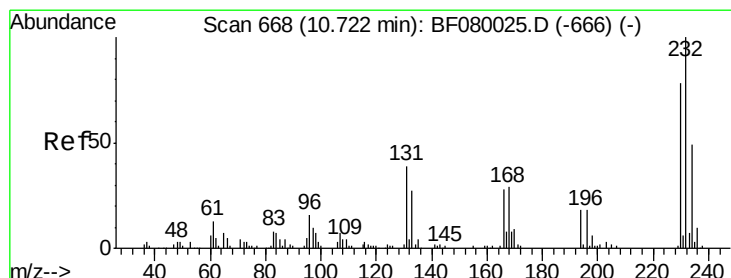
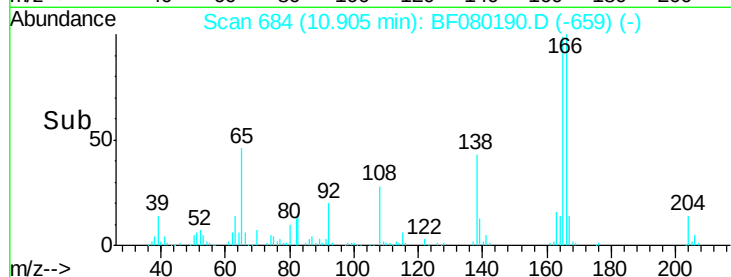
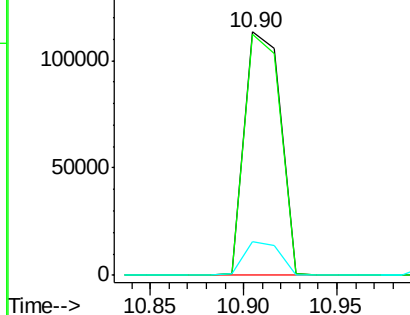
Tgt Ion:	166	Resp:	151415
Ion Ratio	Lower	Upper	
166	100		
165	98.9	72.6	109.0
167	13.8	10.6	16.0

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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: 28.54 ng

RT: 10.68 min Scan# 664

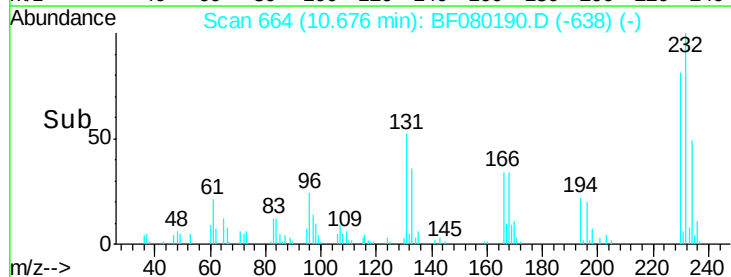
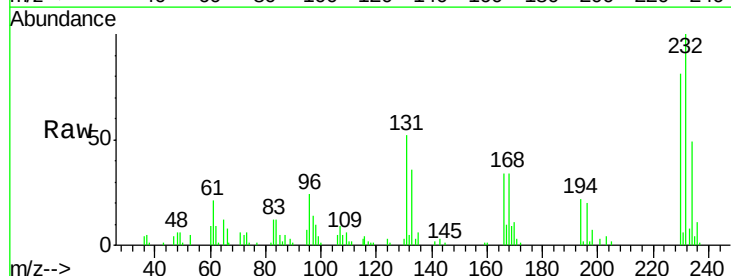
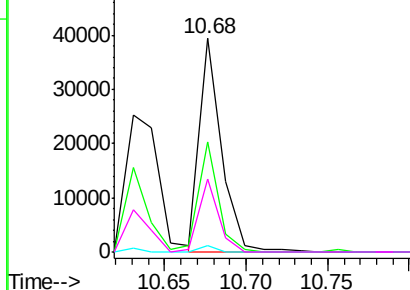
Delta R.T. 0.00 min

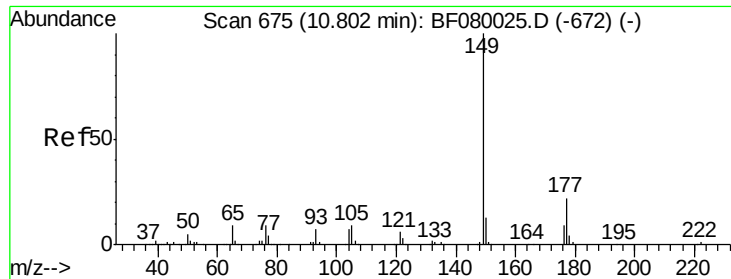
Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	232	Resp:	37638
Ion Ratio	Lower	Upper	
232	100		
131	46.3	38.5	57.7
130	2.0	1.8	2.6
166	30.5	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





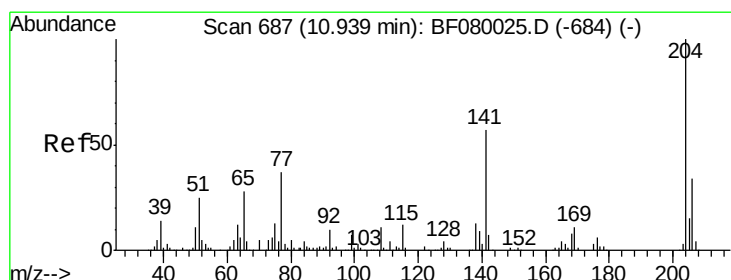
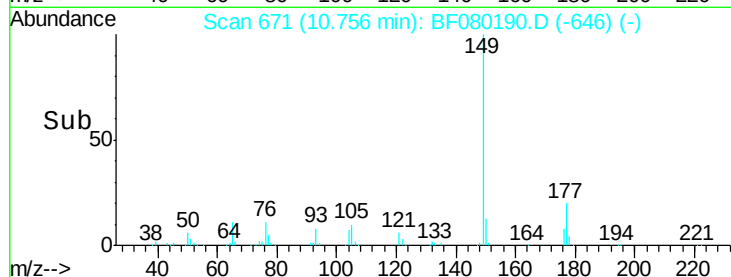
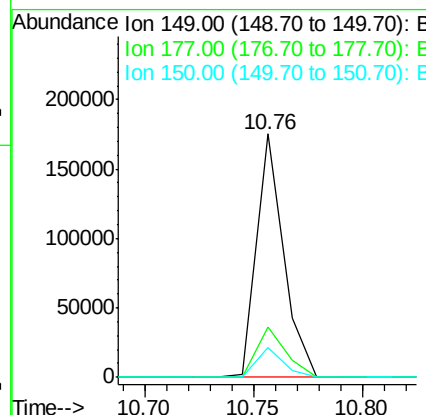
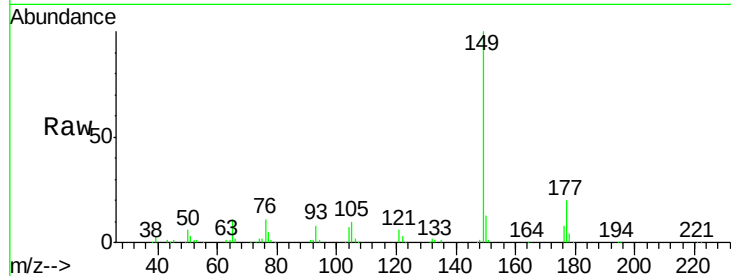
#59
Diethylphthalate
Concen: 29.10 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	150849		
177	20.4	17.5	26.3	
150	12.5	9.4	14.2	

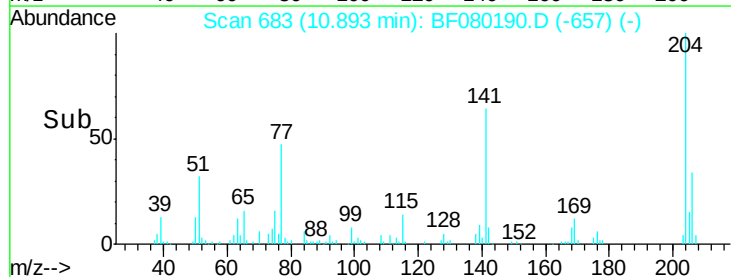
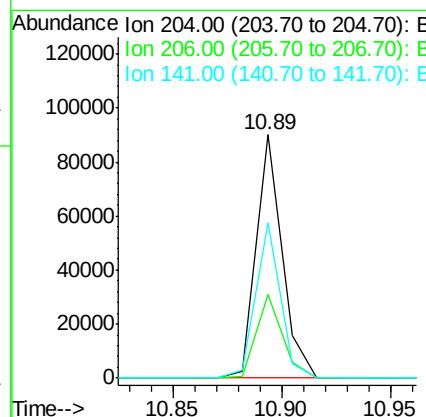
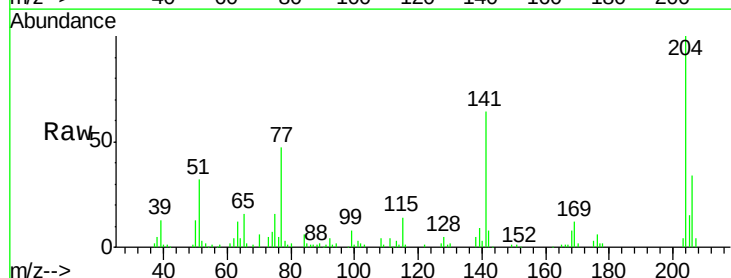
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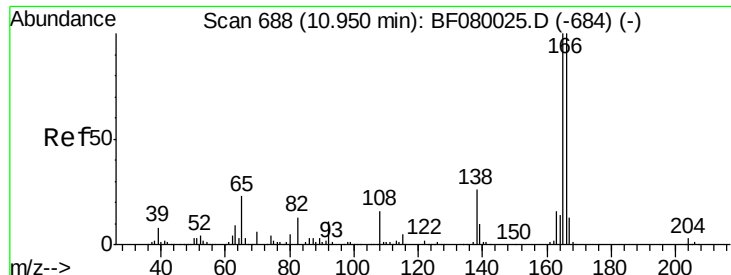
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#60
4-Chlorophenyl-phenylether
Concen: 29.83 ng
RT: 10.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	74493		
206	34.3	24.8	37.2	
141	63.6	42.2	63.4#	





#61

4-Nitroaniline

Concen: 31.66 ng

RT: 10.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080190.D

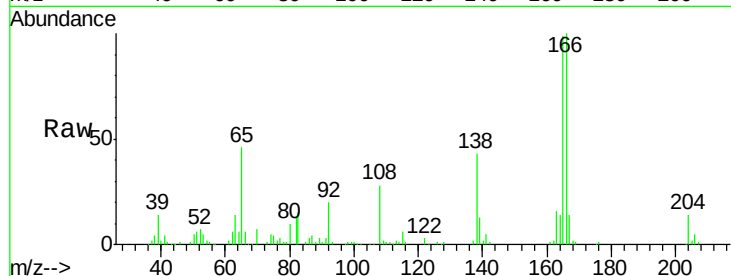
Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

NORTHADBOTTOM-062515MS



Tgt Ion: 138 Resp: 38937

Ion Ratio Lower Upper

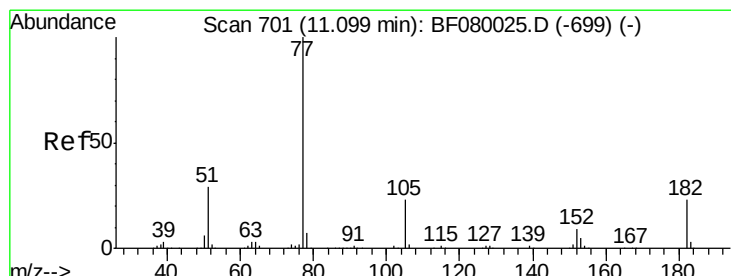
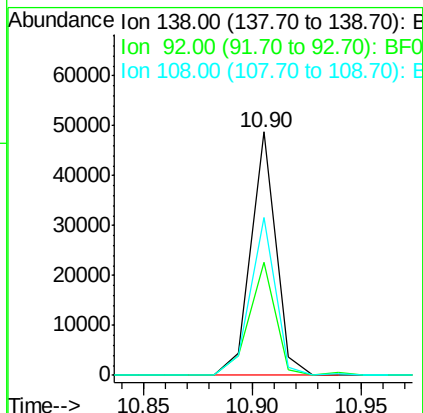
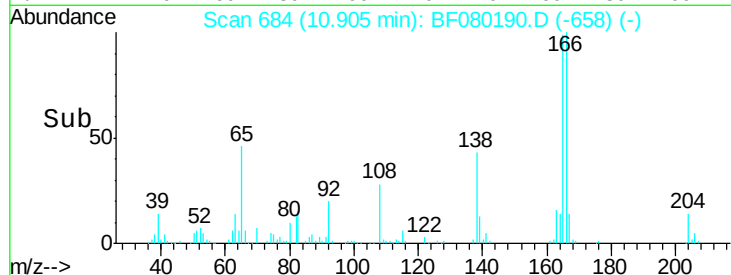
138 100

92 46.7 12.6 52.6

108 64.8 12.4 52.4#

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#62

Azobenzene

Concen: 30.46 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion: 77 Resp: 160714

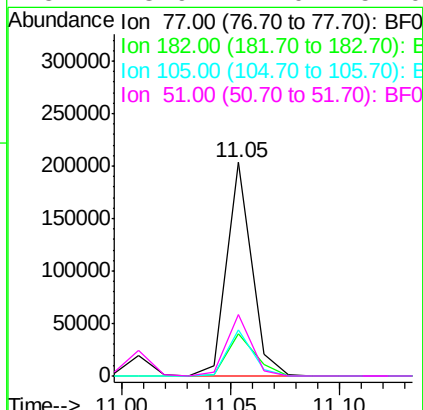
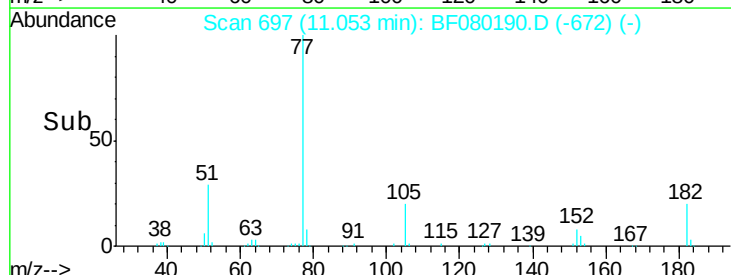
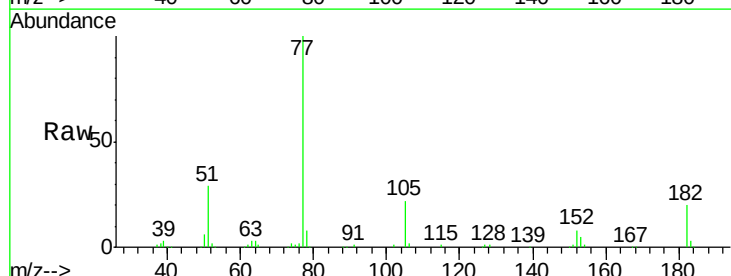
Ion Ratio Lower Upper

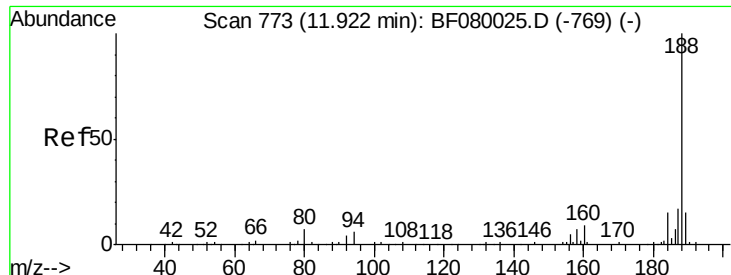
77 100

182 19.7 15.1 55.1

105 21.6 3.4 43.4

51 28.9 12.0 52.0





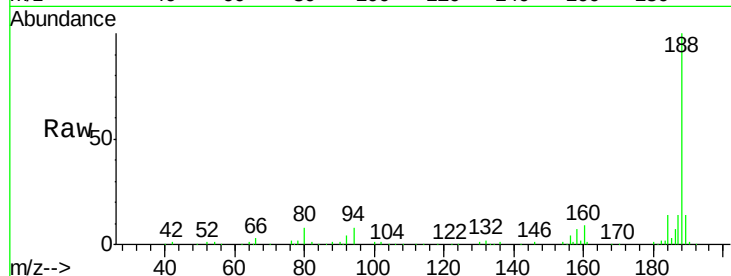
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

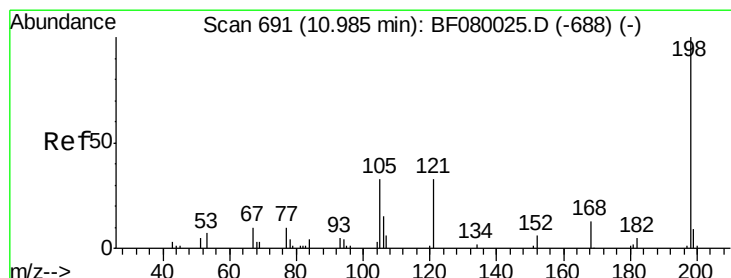
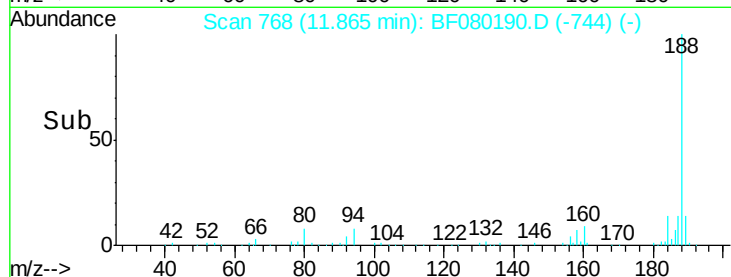
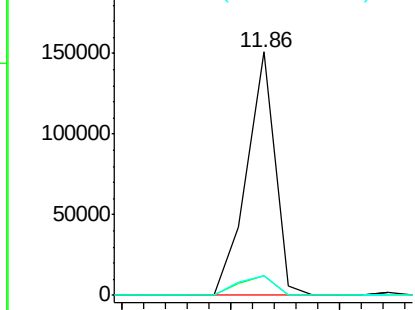
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	11.1	16.7#
80	8.0	11.0	16.4#

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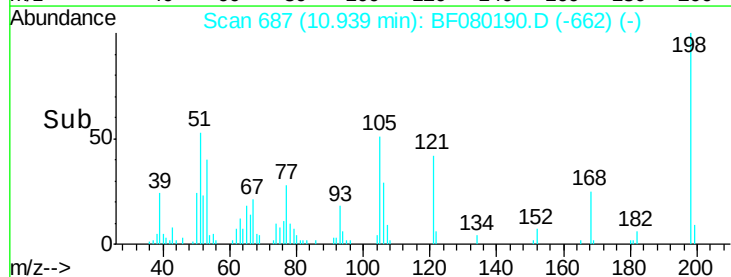
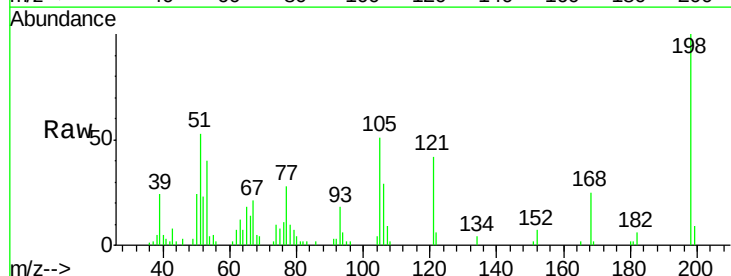
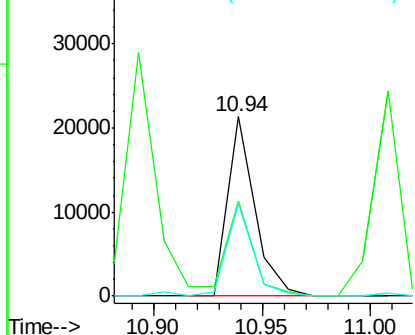
Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

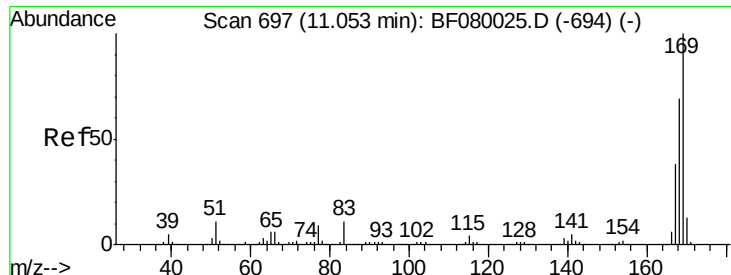


#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.07 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.2	39.6	79.6
105	51.2	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: 32.30 ng

RT: 11.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

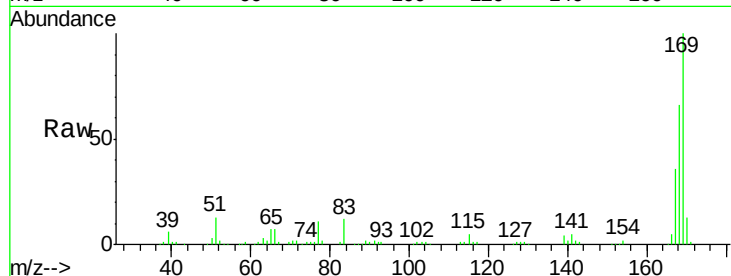
ClientSampleId :

NORTHADBOTTOM-062515MS

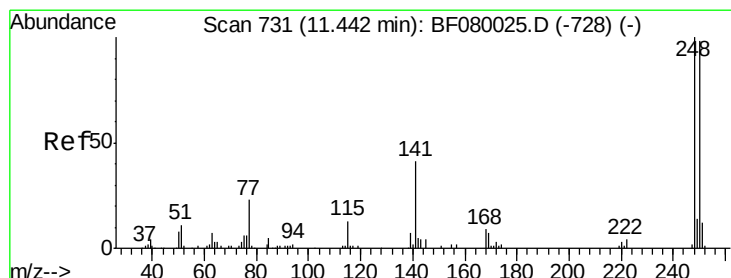
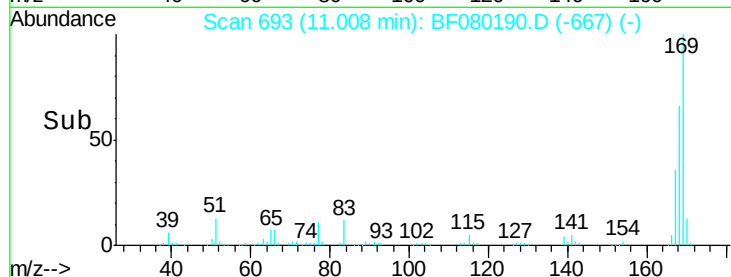
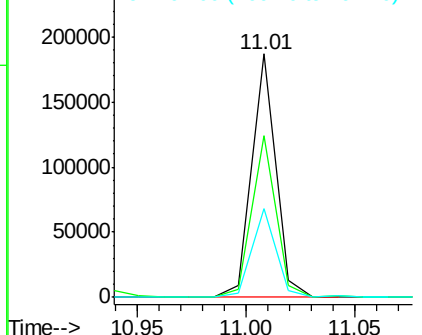
Tgt Ion:	169	Resp:	143903
Ion Ratio	Lower	Upper	
169	100		
168	66.4	48.9	73.3
167	36.3	26.2	39.4

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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: 29.62 ng

RT: 11.40 min Scan# 727

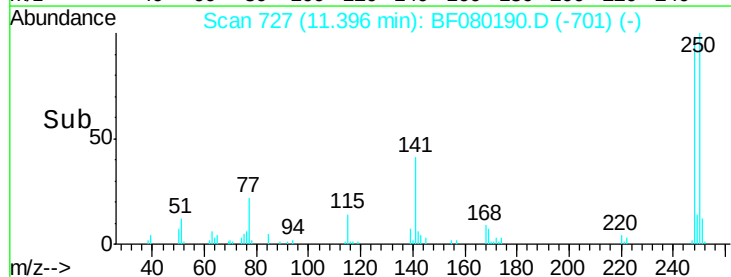
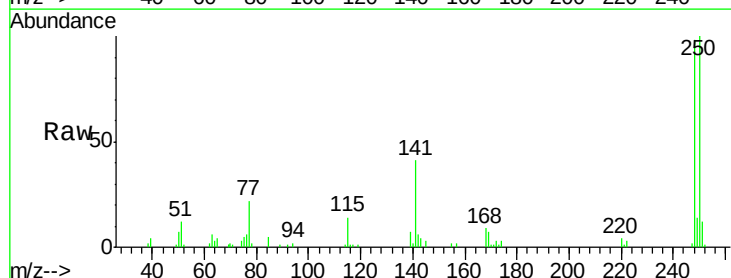
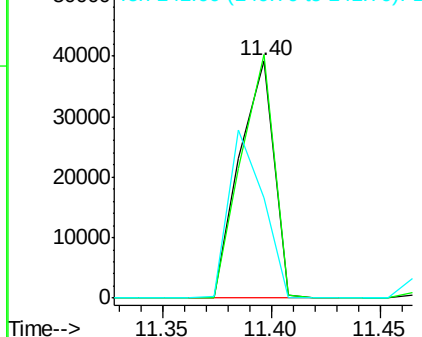
Delta R.T. 0.00 min

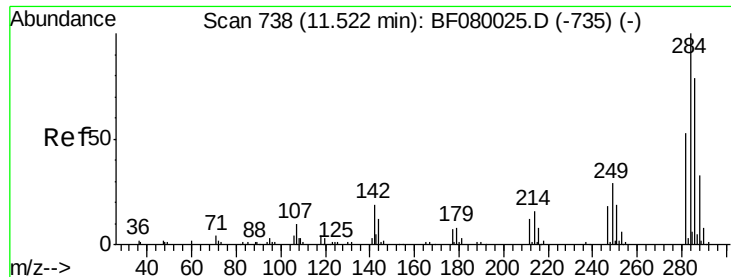
Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	248	Resp:	43096
Ion Ratio	Lower	Upper	
248	100		
250	102.4	78.5	117.7
141	42.3	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





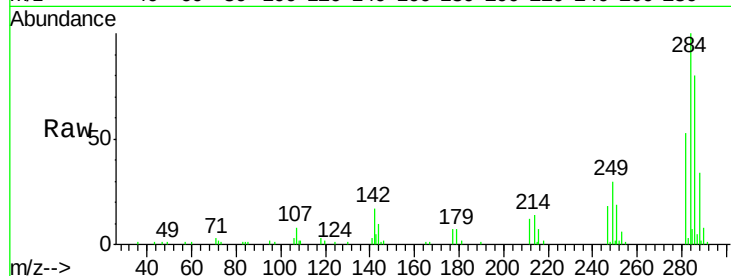
#67
Hexachlorobenzene
Concen: 28.53 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

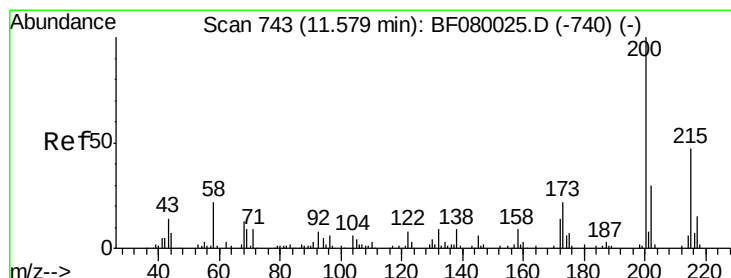
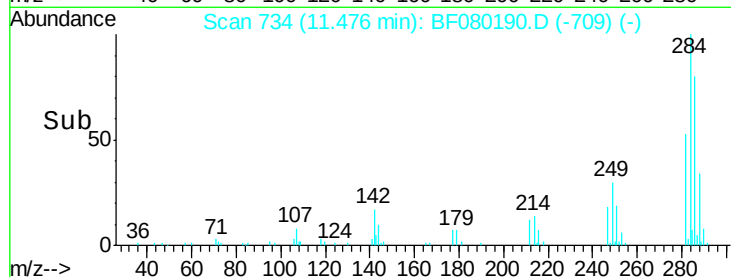
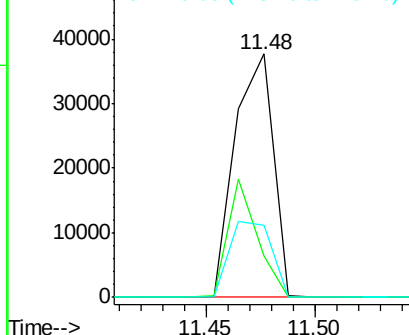
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	16.9	29.5	44.3#
249	29.7	19.5	29.3#

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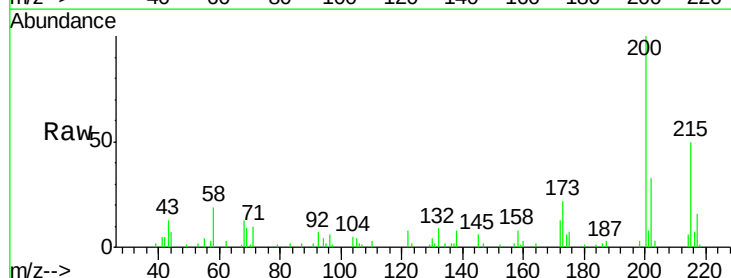


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

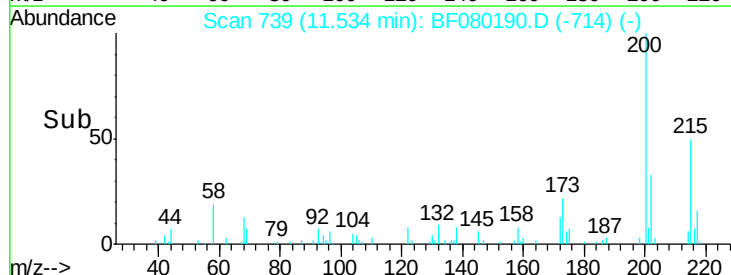
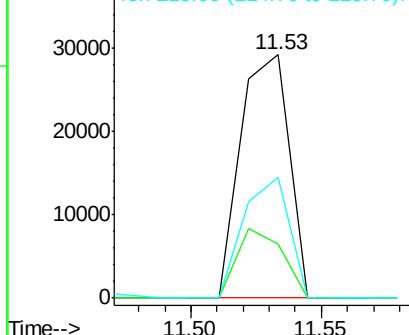


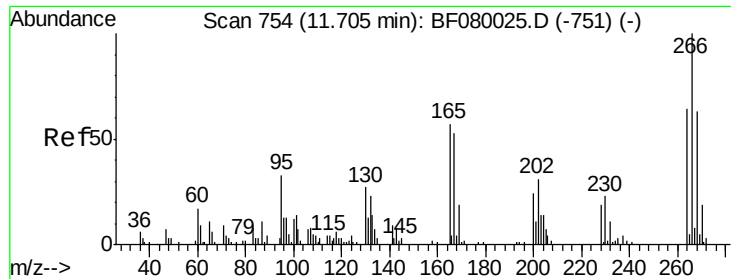
#68
Atrazine
Concen: 27.05 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.1	13.2	53.2
215	49.6	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





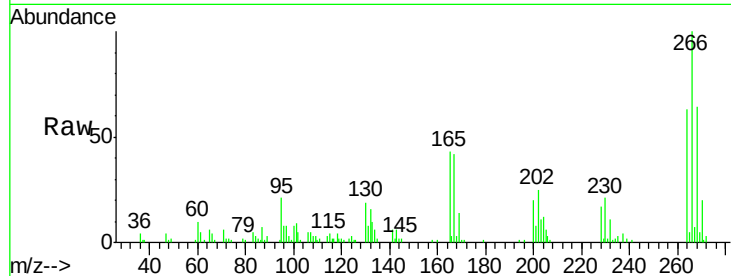
#69
 Pentachlorophenol
 Concen: 53.41 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

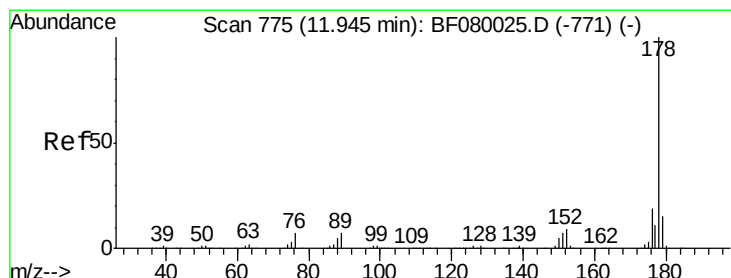
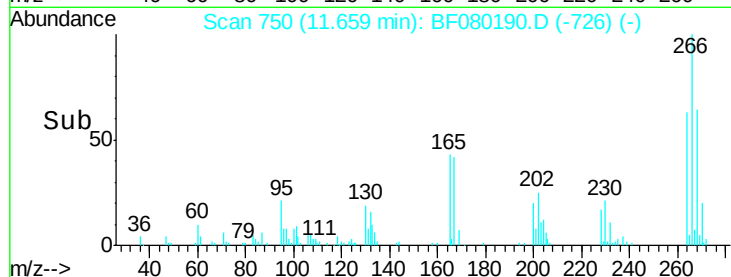
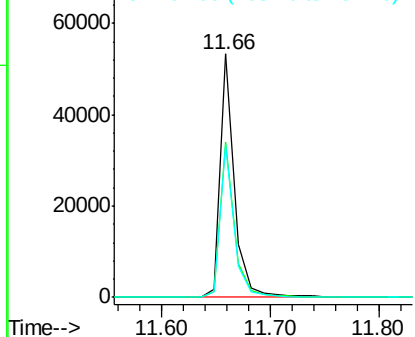
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	48942		
268	64.0	49.8	74.6	
264	62.7	50.2	75.2	

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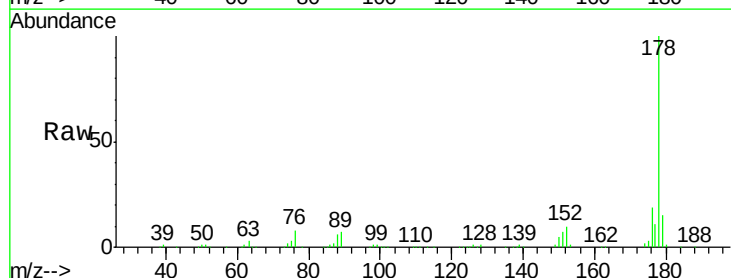


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

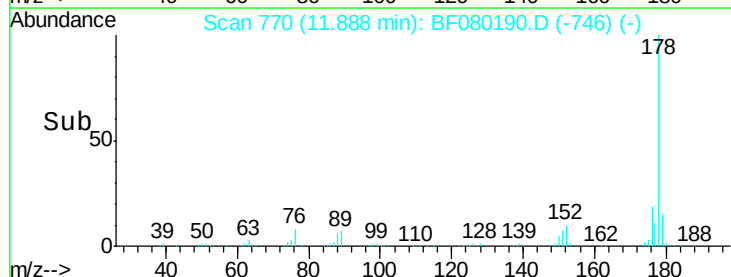
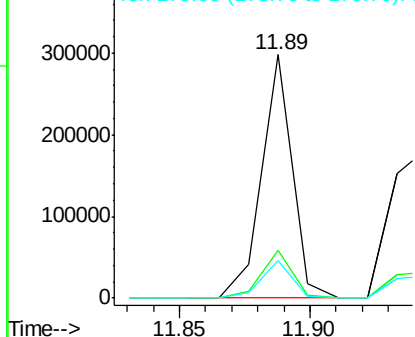


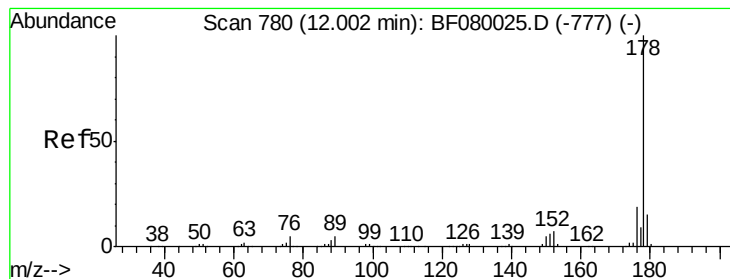
#70
 Phenanthrene
 Concen: 29.75 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	246437		
176	19.5	13.8	20.8	
179	15.4	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: 29.64 ng

RT: 11.94 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF080190.D

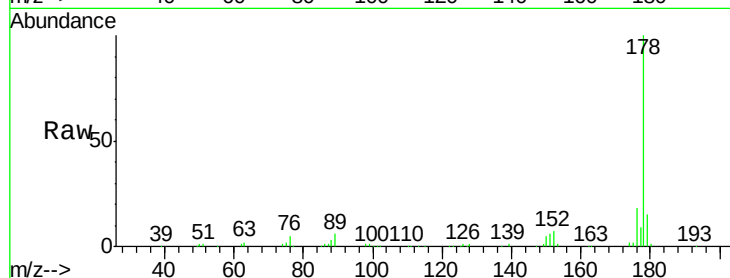
Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

ClientSampleId :

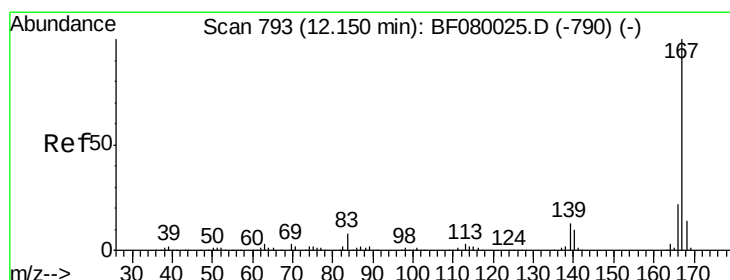
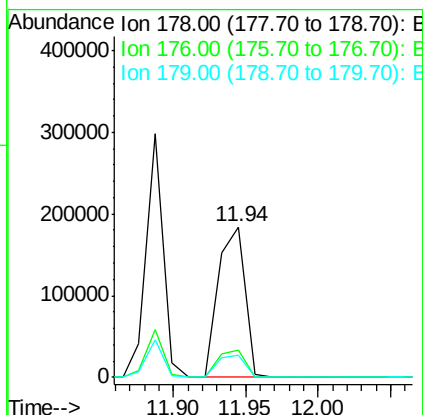
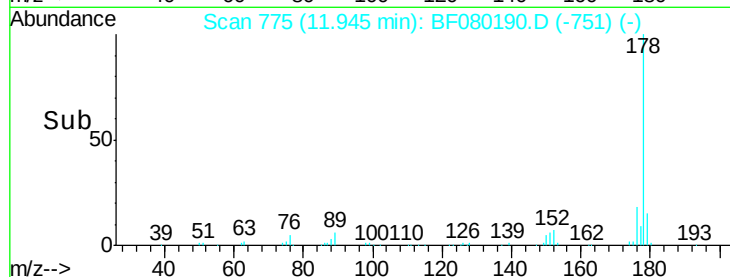
NORTHADBOTTOM-062515MS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.1	21.1
179	15.1	12.2	18.2

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#72

Carbazole

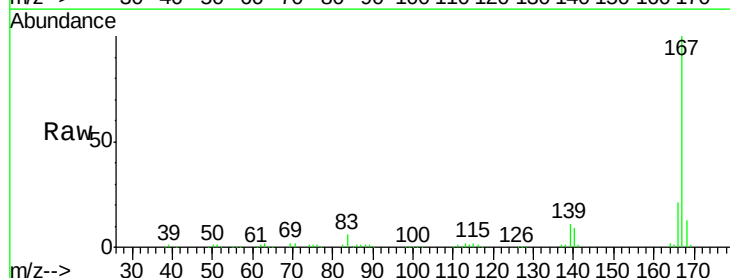
Concen: 28.32 ng

RT: 12.09 min Scan# 788

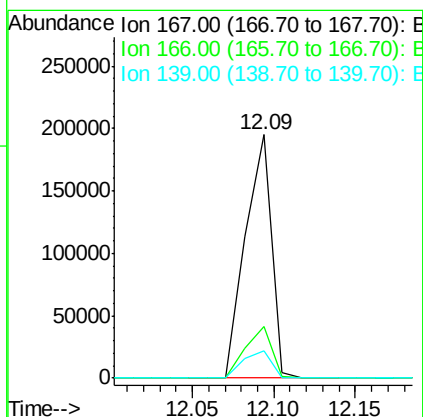
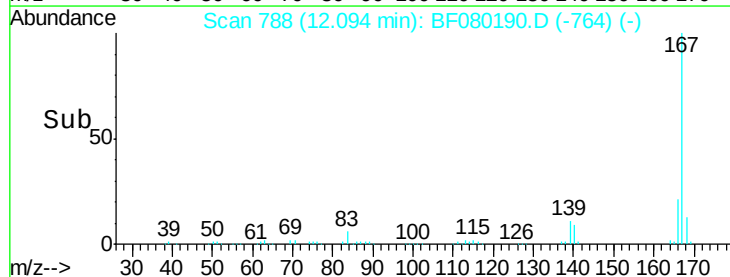
Delta R.T. -0.02 min

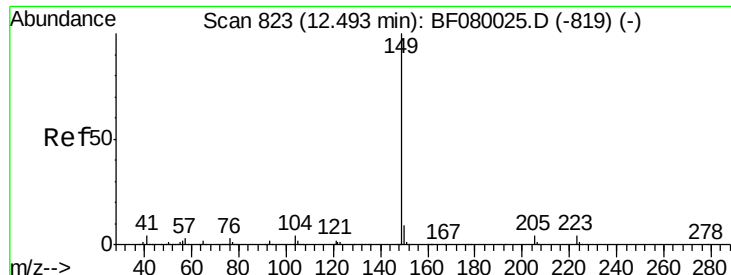
Lab File: BF080190.D

Acq: 26 Jun 2015 15:35



Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	15.7	23.5
139	11.1	9.5	14.3





#73

Di-n-butylphthalate

Concen: 27.39 ng

RT: 12.41 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

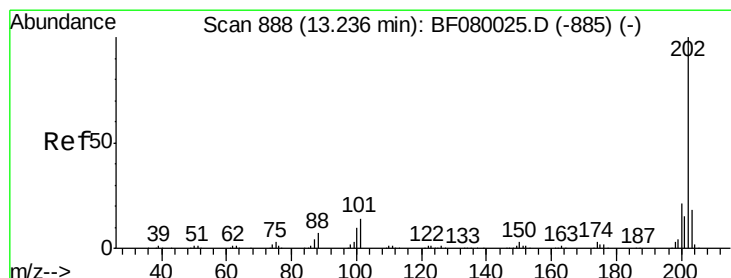
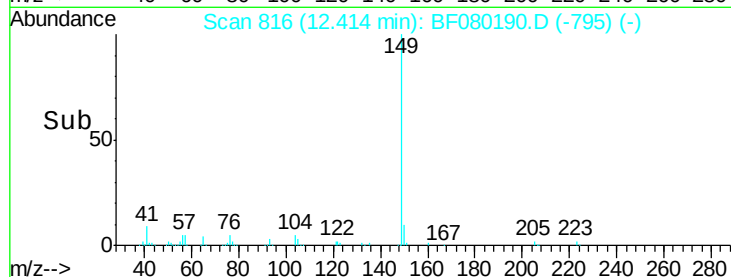
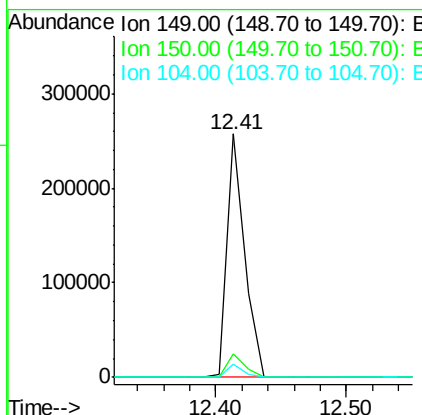
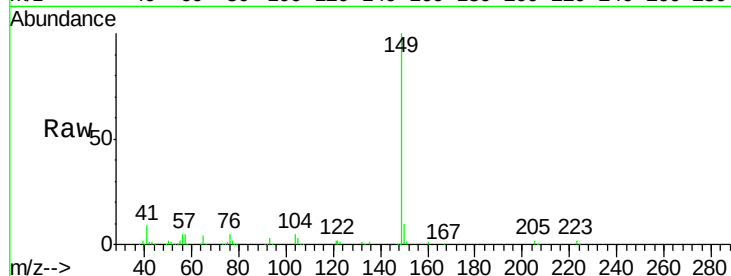
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	149	Resp:	241009
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	5.2	2.4	3.6#

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#74

Fluoranthene

Concen: 28.78 ng

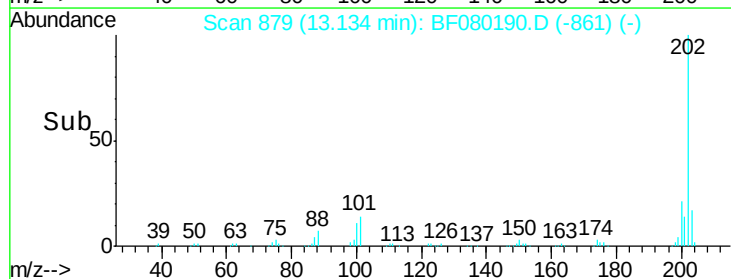
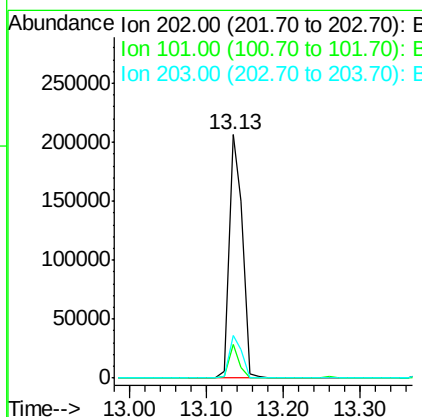
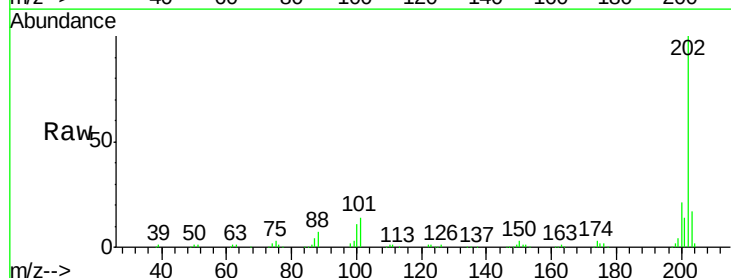
RT: 13.13 min Scan# 879

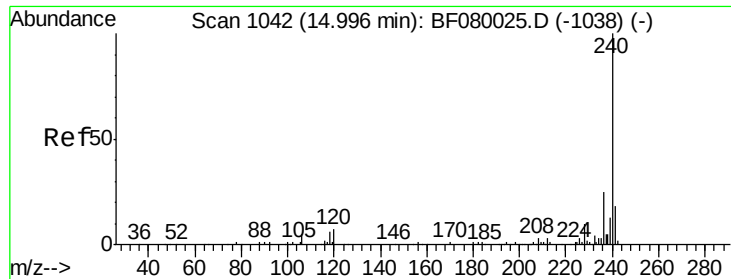
Delta R.T. -0.09 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	202	Resp:	253928
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	38.3
203	17.3	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.23 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

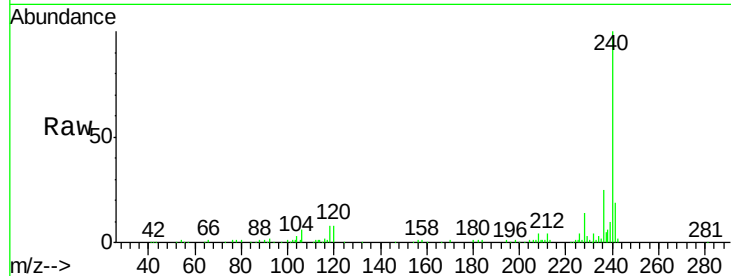
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	240	Resp:	141047
Ion Ratio	Lower	Upper	
240	100		
120	8.4	16.2	24.2#
236	25.2	18.4	27.6

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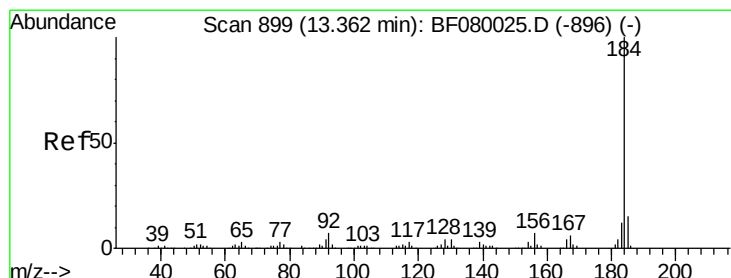
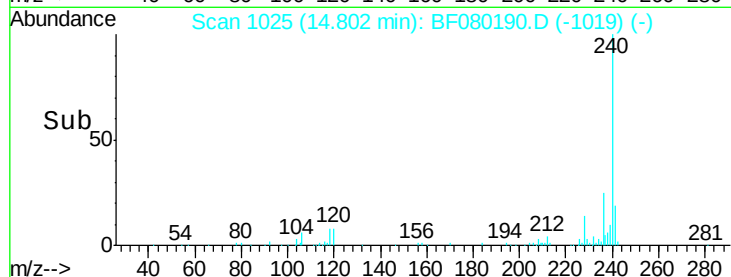
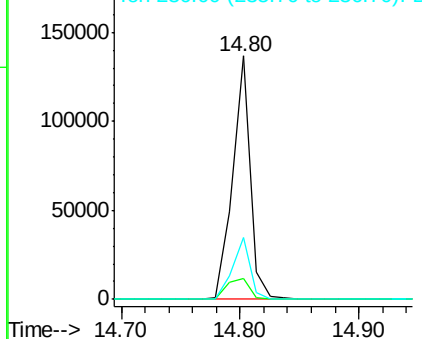
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.37 ng

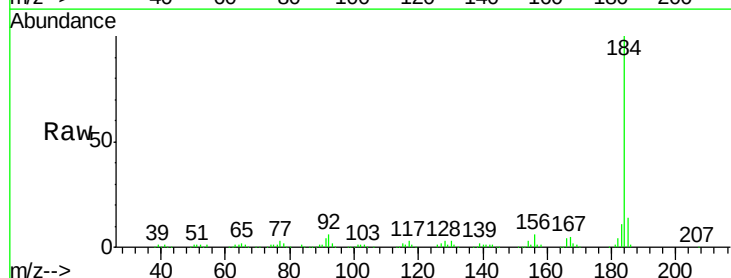
RT: 13.26 min Scan# 890

Delta R.T. -0.10 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

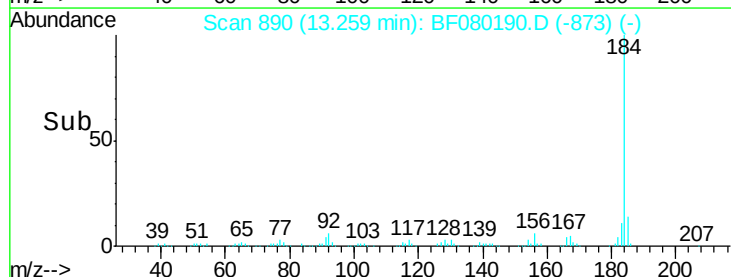
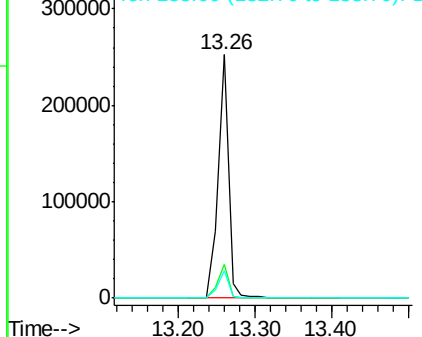
Tgt Ion:	184	Resp:	238019
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.8	17.6
183	11.2	7.6	11.4

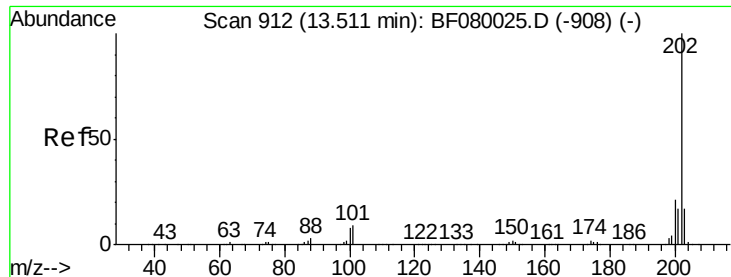


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





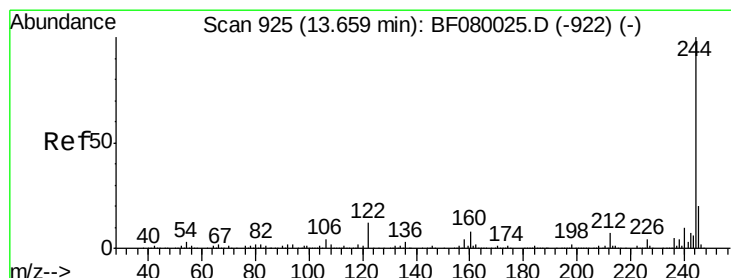
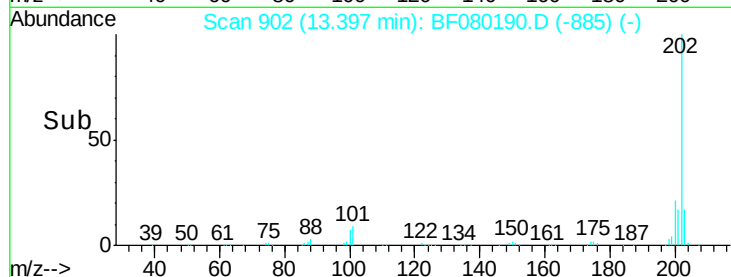
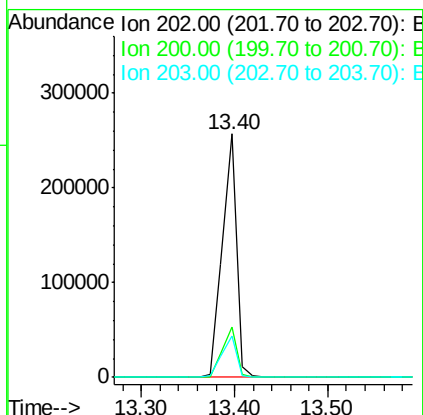
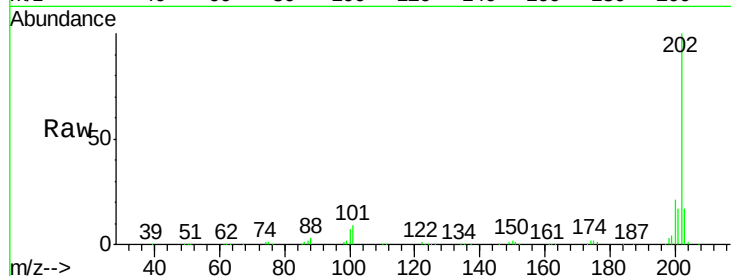
#77
Pyrene
 Concen: 31.27 ng
 RT: 13.40 min Scan# 902
 Delta R.T. -0.10 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	20.6	15.0	22.4
203	16.8	14.1	21.1

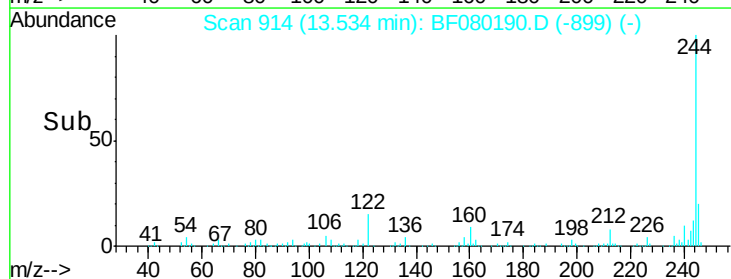
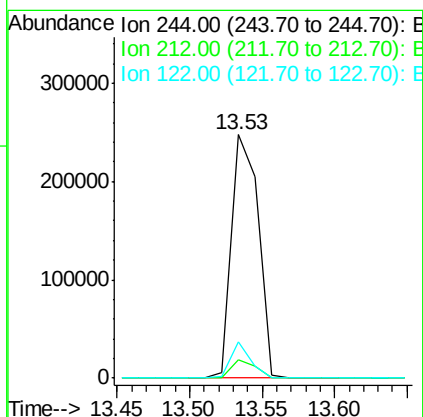
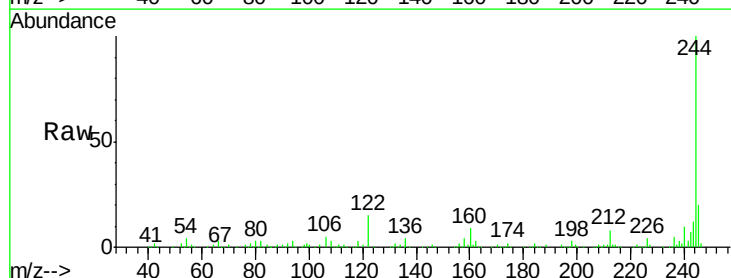
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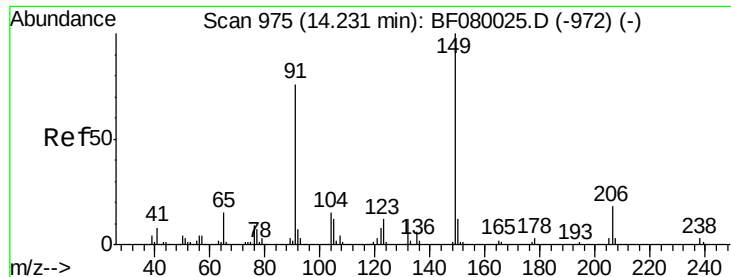
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#78
Terphenyl-d14
 Concen: 52.52 ng
 RT: 13.53 min Scan# 914
 Delta R.T. -0.13 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	15.1	17.4	26.2#





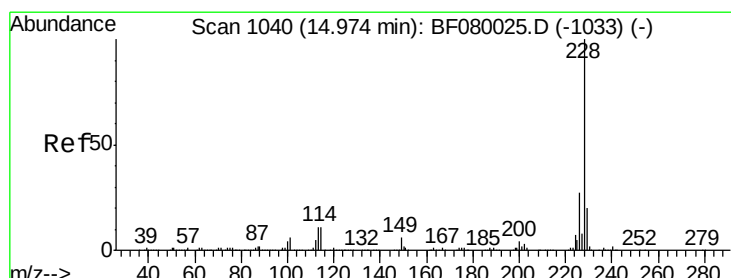
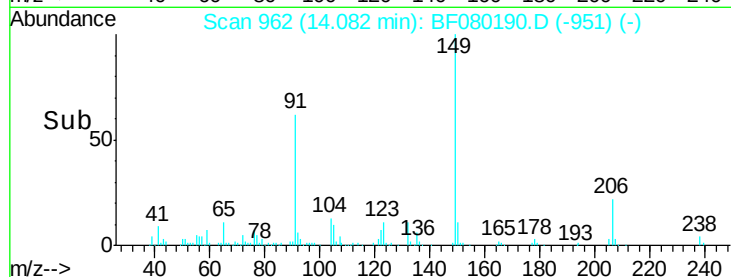
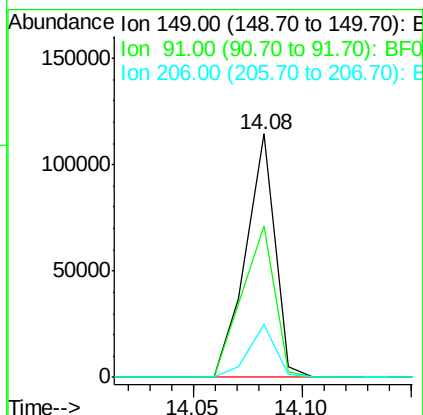
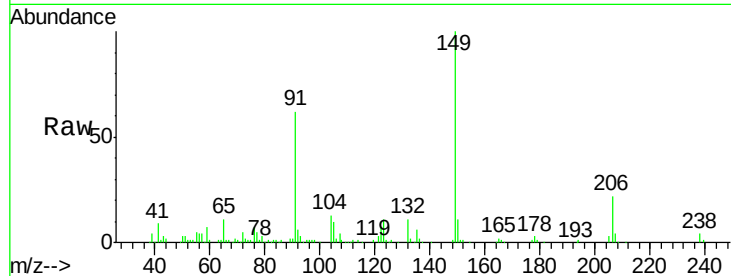
#79
Butylbenzylphthalate
Concen: 30.80 ng
RT: 14.08 min Scan# 962
Delta R.T. -0.17 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	62.3	48.6	72.8
206	21.6	14.9	22.3

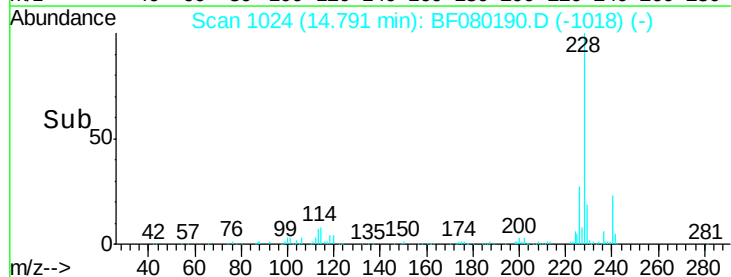
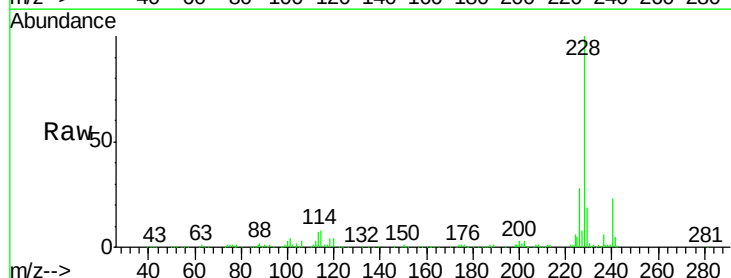
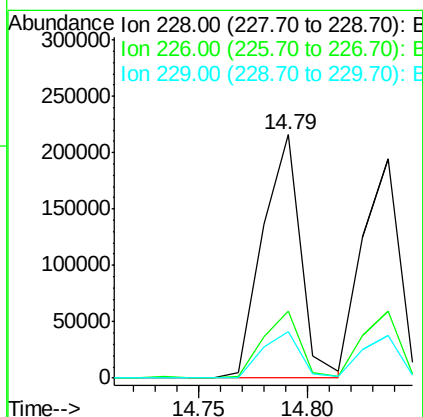
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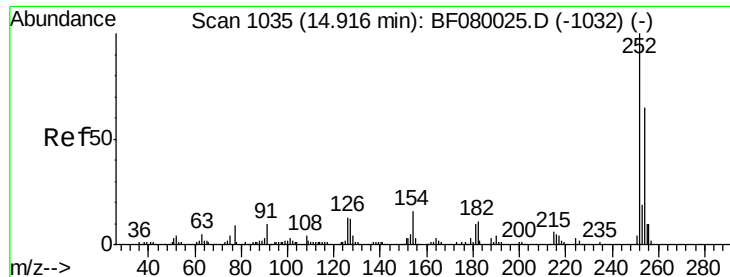
apatel
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#80
Benzo(a)anthracene
Concen: 30.58 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.23 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	20.0	30.0
229	19.1	15.4	23.2





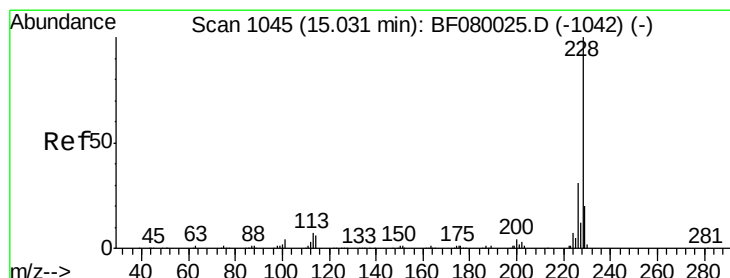
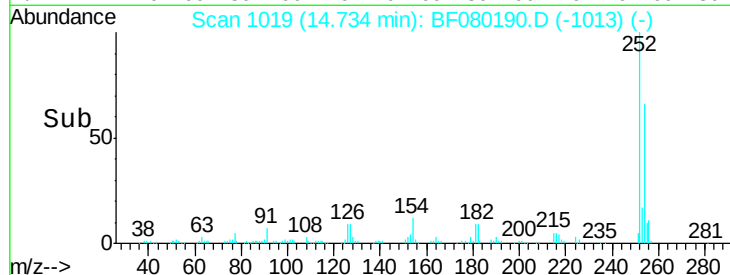
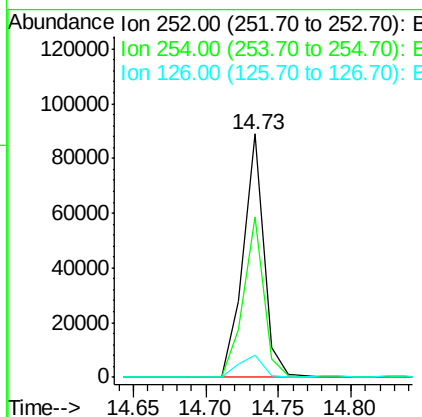
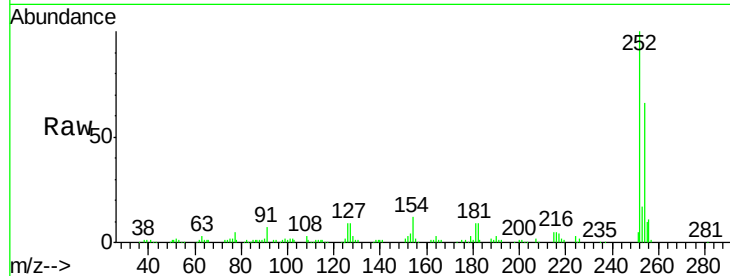
#81
 3,3'-Dichlorobenzidine
 Concen: 29.93 ng
 RT: 14.73 min Scan# 1019
 Delta R.T. -0.23 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.0	51.4	77.2
126	9.2	16.4	24.6

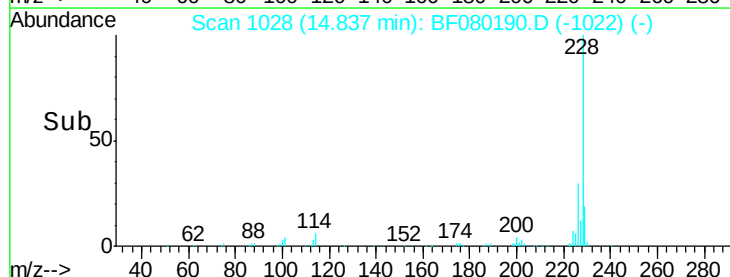
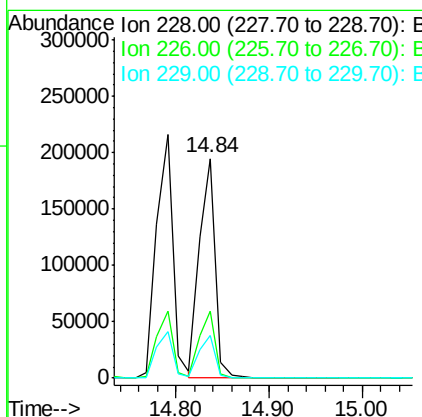
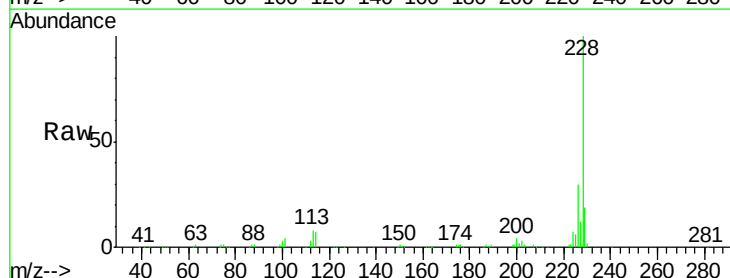
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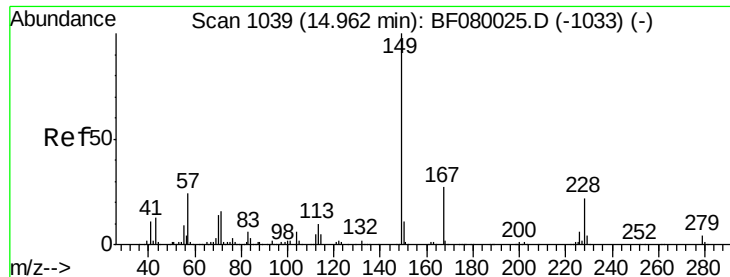
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#82
 Chrysene
 Concen: 29.69 ng
 RT: 14.84 min Scan# 1028
 Delta R.T. -0.23 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	21.0	31.4
229	19.4	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.08 ng

RT: 14.77 min Scan# 1022

Delta R.T. -0.24 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

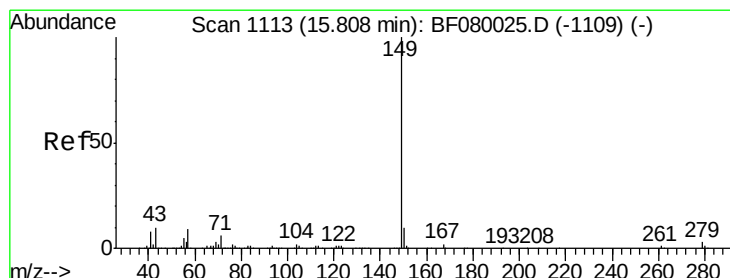
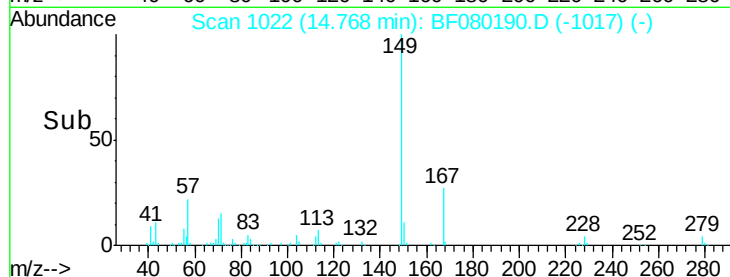
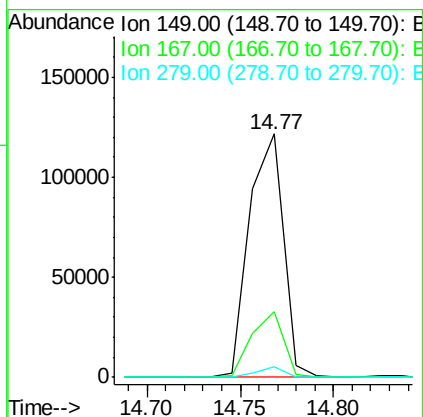
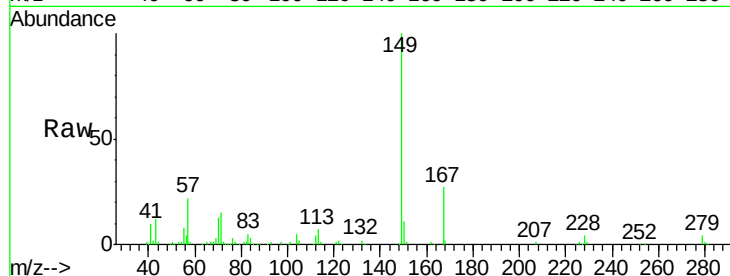
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	149	Resp:	154754
Ion Ratio	Lower	Upper	
149	100		
167	27.1	24.2	36.2
279	4.3	3.8	5.6

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#84

Di-n-octyl phthalate

Concen: 26.91 ng

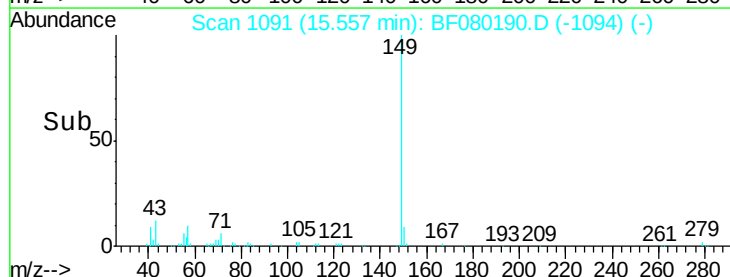
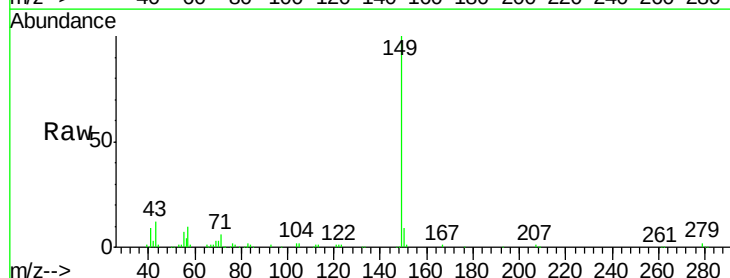
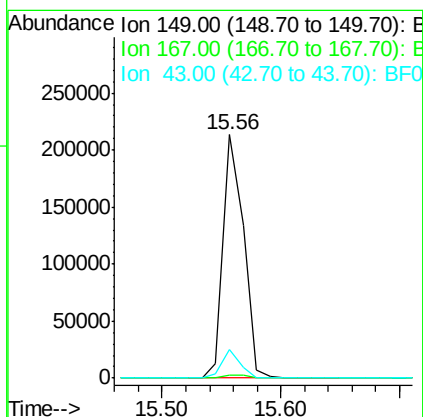
RT: 15.56 min Scan# 1091

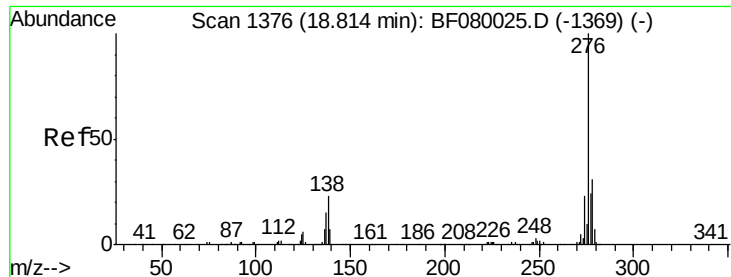
Delta R.T. -0.33 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	149	Resp:	254192
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	11.1	10.2	15.2





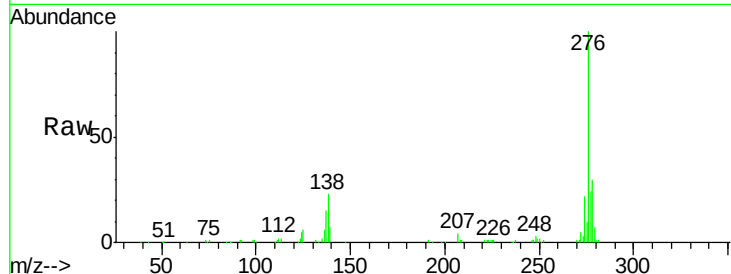
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 28.19 ng
 RT: 18.48 min Scan# 1347
 Delta R.T. -0.40 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

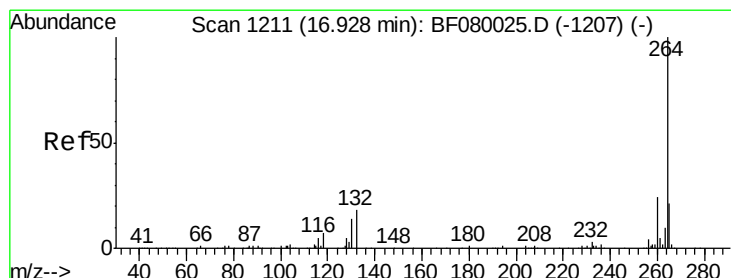
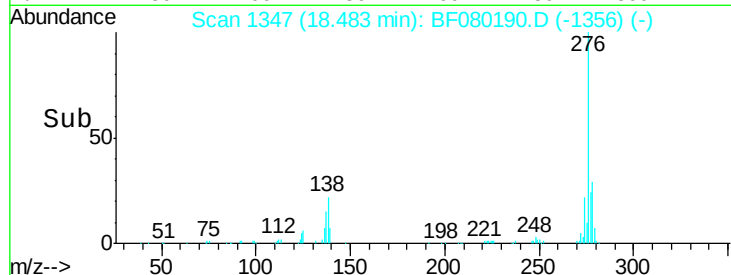
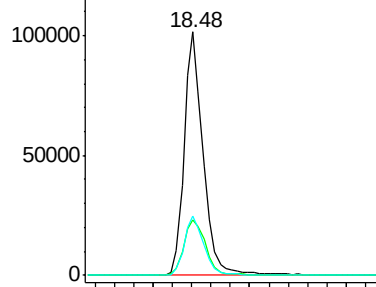
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.8	25.7	38.5
277	24.9	15.6	23.4

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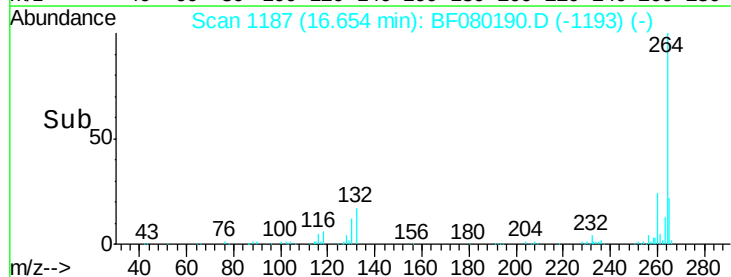
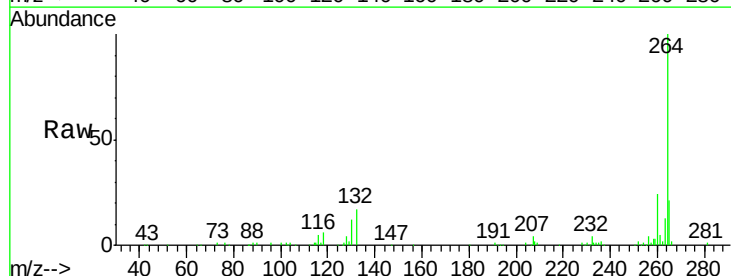
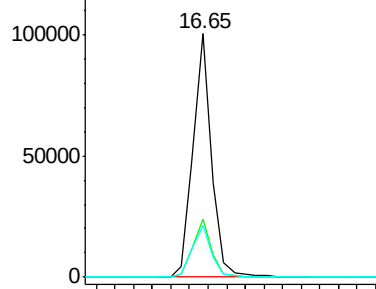
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

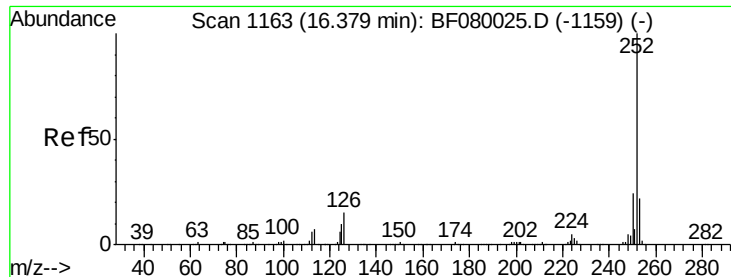


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.65 min Scan# 1187
 Delta R.T. -0.37 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	16.7	25.1
265	21.4	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: 30.73 ng

RT: 16.12 min Scan# 1140

Delta R.T. -0.37 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Instrument :

BNA_F

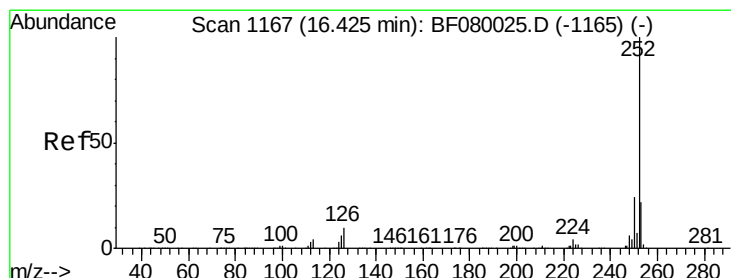
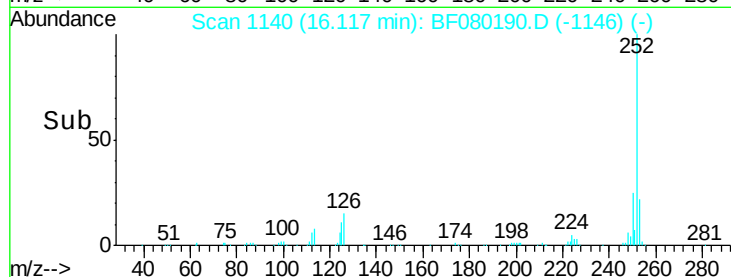
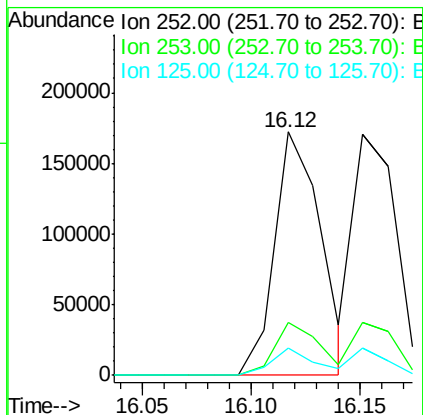
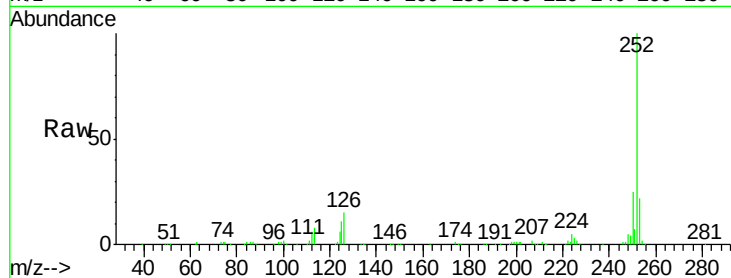
ClientSampleId :

NORTHADBOTTOM-062515MS

Tgt Ion:	252	Resp:	256818
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	11.2	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 28.79 ng

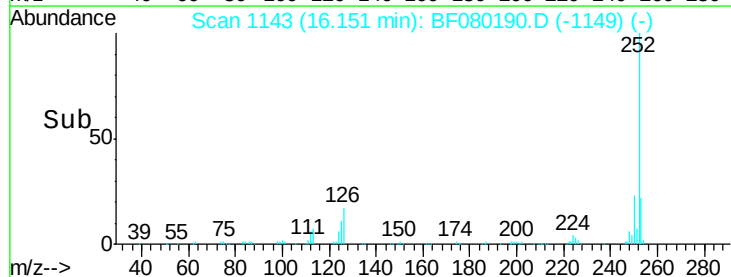
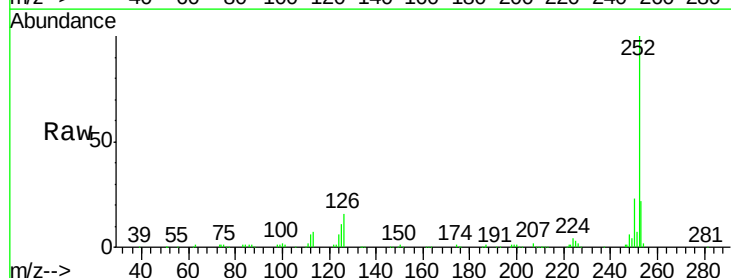
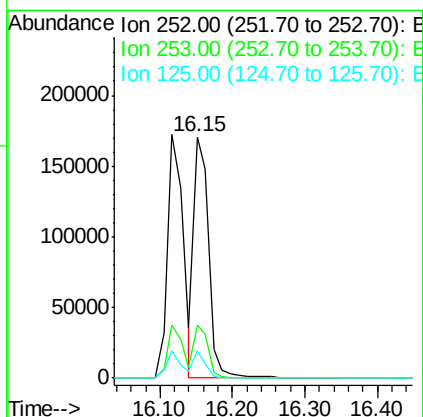
RT: 16.15 min Scan# 1143

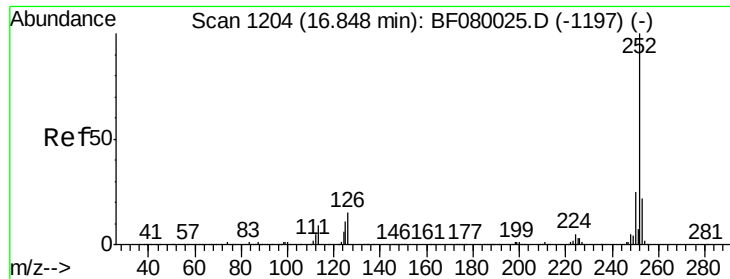
Delta R.T. -0.37 min

Lab File: BF080190.D

Acq: 26 Jun 2015 15:35

Tgt Ion:	252	Resp:	245008
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.0	25.4
125	11.3	16.0	24.0#





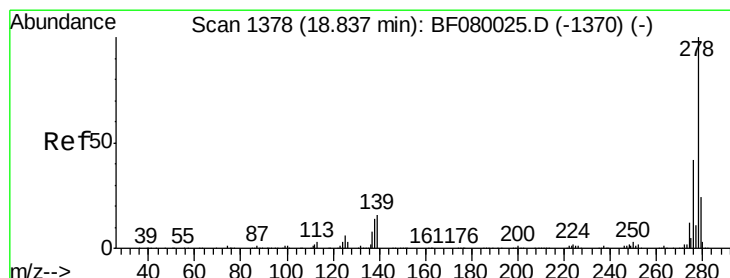
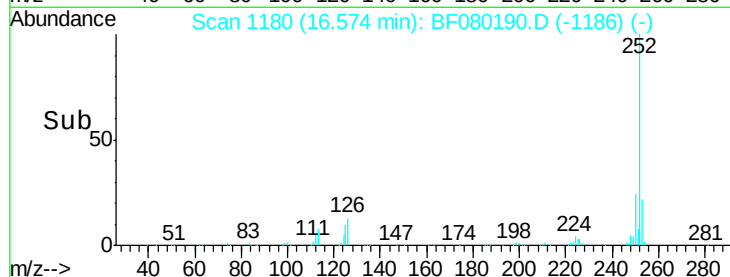
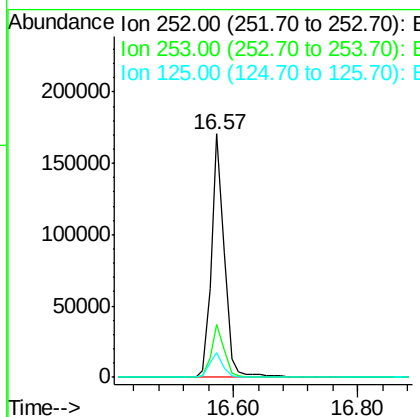
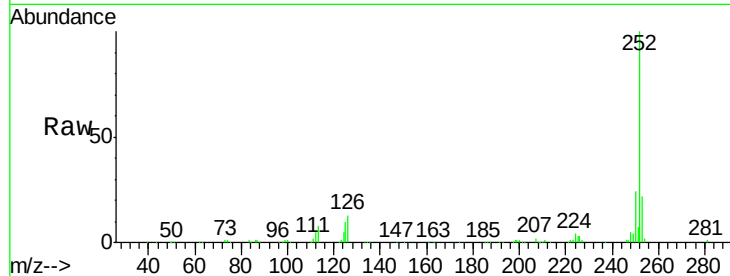
#89
Benzo(a)pyrene
Concen: 30.68 ng
RT: 16.57 min Scan# 1180
Delta R.T. -0.37 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.3	18.0	27.0#

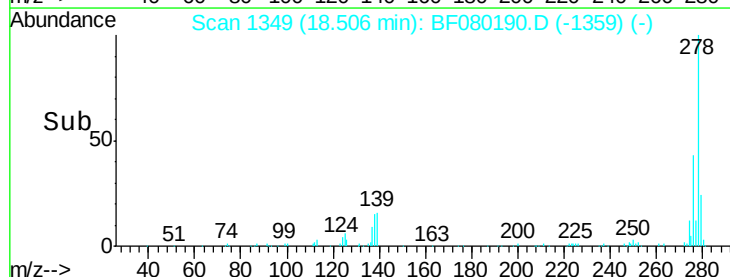
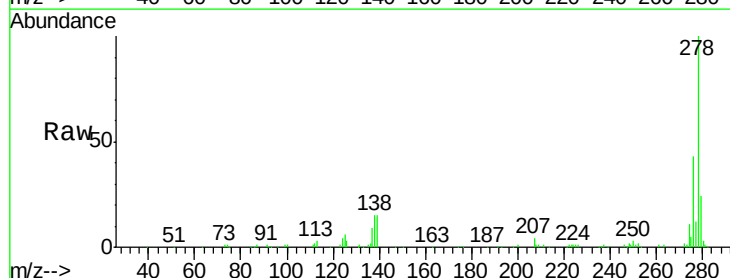
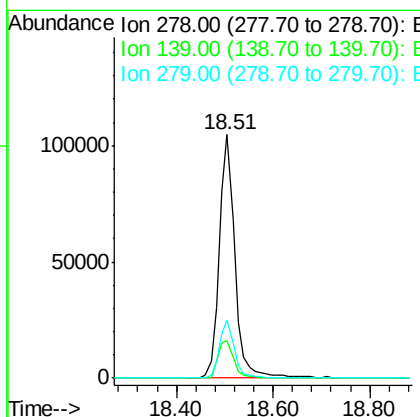
Manual Integrations
APPROVED

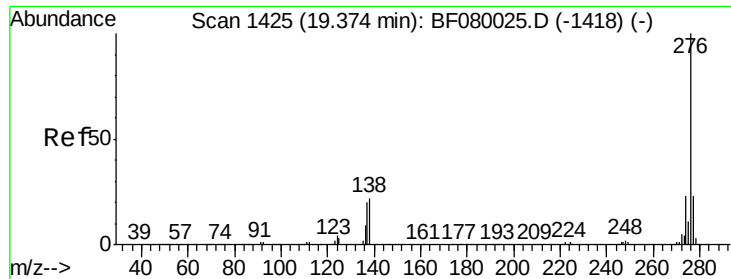
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#90
Dibenzo(a,h)anthracene
Concen: 29.11 ng
RT: 18.51 min Scan# 1349
Delta R.T. -0.41 min
Lab File: BF080190.D
Acq: 26 Jun 2015 15:35

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	15.4	26.3	39.5#
279	23.7	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 29.46 ng
 RT: 19.03 min Scan# 1395
 Delta R.T. -0.41 min
 Lab File: BF080190.D
 Acq: 26 Jun 2015 15:35

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	17.8	26.6
138	21.8	34.6	51.8#

Manual Integrations
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