

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

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Manual Integrations
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 6/29/2015 11:38:11 AM

Quant Time: Jun 26 23:52:36 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	24865	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	99556	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	50673	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	103471	20.00	ng	-0.02
75) Chrysene-d12	14.81	240	113919	20.00	ng	-0.22
86) Perylene-d12	16.68	264	110055	20.00	ng	-0.34

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	190906	135.91	ng	0.00
7) Phenol-d6	6.89	99	255931	136.92	ng	0.00
23) Nitrobenzene-d5	7.85	82	164166	96.00	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	67230	135.68	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	300639	84.61	ng	0.00
78) Terphenyl-d14	13.54	244	376364	77.16	ng	-0.11

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	20895	31.30	ng	84
3) Pyridine	3.98	79	61773	34.79	ng	# 80
4) n-Nitrosodimethylamine	3.88	42	36209	42.91	ng	99
6) Aniline	6.95	93	120300	46.78	ng	95
8) 2-Chlorophenol	7.08	128	75509	46.51	ng	90
9) Benzaldehyde	6.84	77	39970	37.04	ng	# 72
10) Phenol	6.92	94	89561	43.91	ng	87
11) bis(2-Chloroethyl)ether	7.01	93	63736	39.38	ng	92
12) 1,3-Dichlorobenzene	7.24	146	80212	41.13	ng	# 92
13) 1,4-Dichlorobenzene	7.32	146	85236	45.95	ng	97
14) 1,2-Dichlorobenzene	7.46	146	76950m	42.63	ng	
15) Benzyl Alcohol	7.42	79	68892	45.08	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.56	45	113851	47.39	ng	89
17) 2-Methylphenol	7.52	107	58118	41.91	ng	# 82
18) Hexachloroethane	7.82	117	28908	46.81	ng	# 80
19) n-Nitroso-di-n-propylamine	7.69	70	51753	39.88	ng	# 77
20) 3+4-Methylphenols	7.68	107	81540	45.56	ng	91
22) Acetophenone	7.69	105	111174	47.92	ng	# 84
24) Nitrobenzene	7.88	77	74049	41.95	ng	# 82
25) Isophorone	8.10	82	145481	42.27	ng	# 84
26) 2-Nitrophenol	8.20	139	37523	50.79	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	68183	44.26	ng	86
28) bis(2-Chloroethoxy)methane	8.31	93	91622	45.31	ng	# 92
29) 2,4-Dichlorophenol	8.44	162	65066	49.32	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	70862	47.30	ng	97
31) Naphthalene	8.61	128	225623m	43.35	ng	
32) Benzoic acid	8.26	122	10366	11.13	ng	# 63
33) 4-Chloroaniline	8.64	127	87600m	39.32	ng	
34) Hexachlorobutadiene	8.73	225	38405	41.63	ng	97
35) Caprolactam	8.97	113	17995	42.02	ng	# 78
36) 4-Chloro-3-methylphenol	9.11	107	61561	41.37	ng	# 74
37) 2-Methylnaphthalene	9.30	142	164037	48.72	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	69255	46.97	ng	99
40) Hexachlorocyclopentadiene	9.46	237	56600	75.01	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	49067	48.90	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	50538	43.72	ng #	94
45) 1,1'-Biphenyl	9.76	154	177142	42.97	ng	93
46) 2-Chloronaphthalene	9.80	162	151449	45.27	ng	94
47) 2-Nitroaniline	9.88	65	41751	45.47	ng #	60
48) Acenaphthylene	10.22	152	250161	44.80	ng	98
49) Dimethylphthalate	10.05	163	206290	54.15	ng #	97
50) 2,6-Dinitrotoluene	10.12	165	35859	46.95	ng #	60
51) Acenaphthene	10.39	154	155595	45.55	ng	91
52) 3-Nitroaniline	10.29	138	40458	45.91	ng #	52
53) 2,4-Dinitrophenol	10.40	184	21992	71.42	ng #	22
54) Dibenzofuran	10.56	168	222529	45.91	ng #	90
55) 4-Nitrophenol	10.44	139	67552	95.91	ng #	59
56) 2,4-Dinitrotoluene	10.53	165	51650	53.29	ng #	92
57) Fluorene	10.90	166	164209	42.70	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	43810	44.89	ng #	97
59) Diethylphthalate	10.76	149	162435	42.34	ng	97
60) 4-Chlorophenyl-phenylether	10.89	204	82920	44.87	ng	91
61) 4-Nitroaniline	10.90	138	43833	48.16	ng #	55
62) Azobenzene	11.05	77	174846	44.78	ng	88
64) 4,6-Dinitro-2-methylphenol	10.94	198	22323	44.17	ng	95
65) n-Nitrosodiphenylamine	11.01	169	155884	46.27	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	45674	41.51	ng #	82
67) Hexachlorobenzene	11.48	284	50919	41.64	ng #	75
68) Atrazine	11.52	200	43101	40.49	ng	81
69) Pentachlorophenol	11.66	266	55433	80.00	ng	99
70) Phenanthrene	11.89	178	277097	44.23	ng	97
71) Anthracene	11.94	178	267847	44.41	ng	98
72) Carbazole	12.09	167	246112	42.74	ng	97
73) Di-n-butylphthalate	12.41	149	258456	38.85	ng #	98
74) Fluoranthene	13.14	202	294260	44.11	ng	89
76) Benzidine	13.26	184	265456	83.36	ng	98
77) Pyrene	13.40	202	295059	42.07	ng	97
79) Butylbenzylphthalate	14.09	149	123009	43.67	ng	98
80) Benzo(a)anthracene	14.80	228	300770	43.34	ng	97
81) 3,3'-Dichlorobenzidine	14.75	252	103360	43.18	ng #	95
82) Chrysene	14.85	228	272847	42.63	ng	95
83) Bis(2-ethylhexyl)phthalate	14.78	149	179229	40.26	ng #	94
84) Di-n-octyl phthalate	15.58	149	297883	39.05	ng	97
85) Indeno(1,2,3-cd)pyrene	18.51	276	336098	41.65	ng #	89
87) Benzo(b)fluoranthene	16.14	252	314809	47.24	ng #	88
88) Benzo(k)fluoranthene	16.17	252	270870	39.92	ng #	89
89) Benzo(a)pyrene	16.60	252	287478	45.43	ng #	87
90) Dibenzo(a,h)anthracene	18.53	278	281218	43.42	ng #	81
91) Benzo(g,h,i)perylene	19.05	276	285069	43.59	ng #	77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

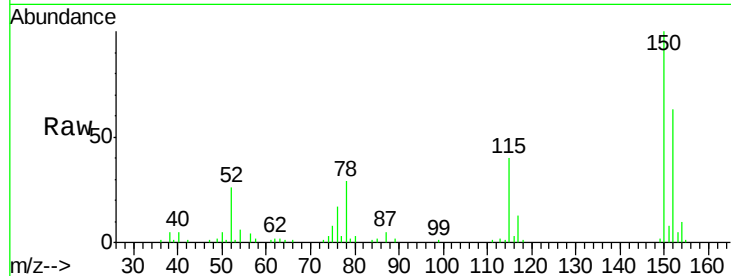
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	64.2	39.0	58.4

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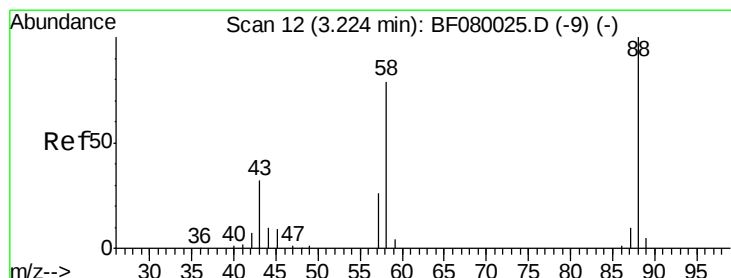
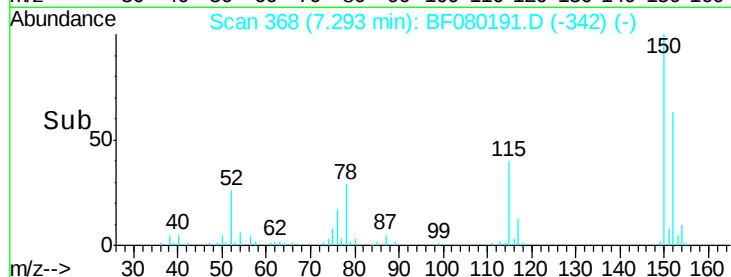
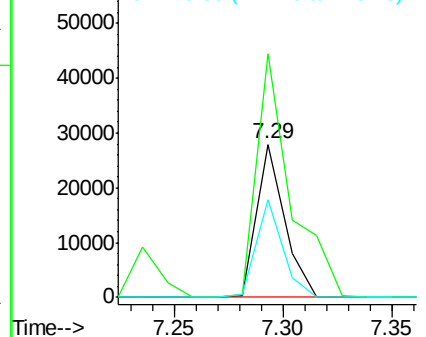
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.30 ng

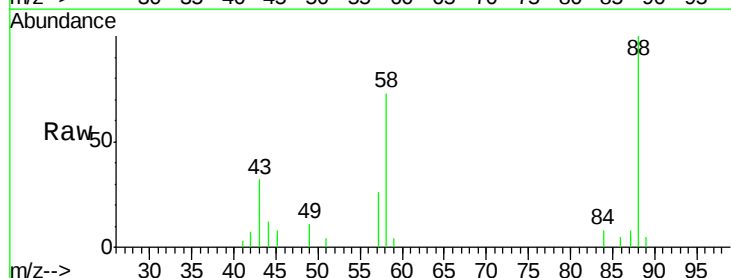
RT: 3.14 min Scan# 5

Delta R.T. 0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

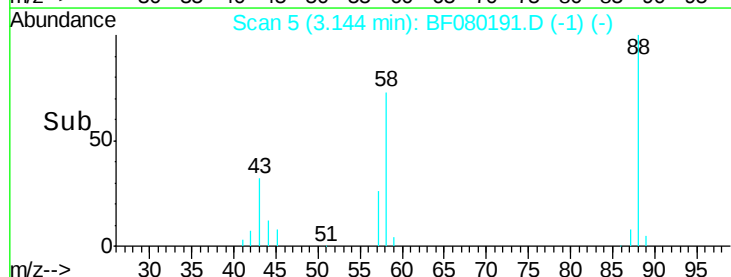
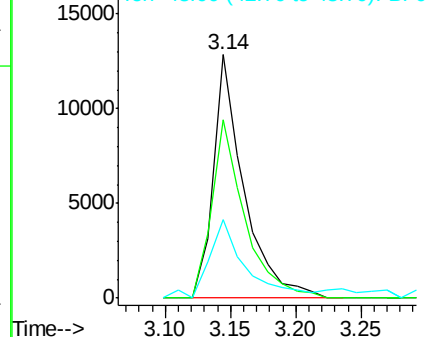
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	77.7	116.5
43	37.6	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.79 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

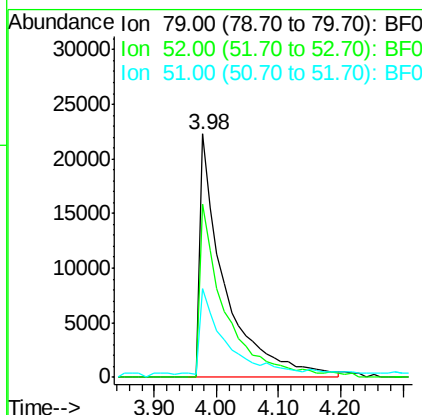
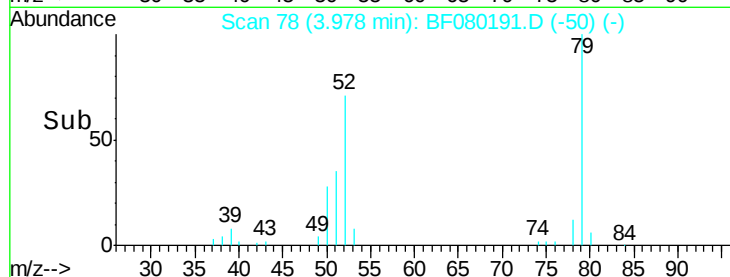
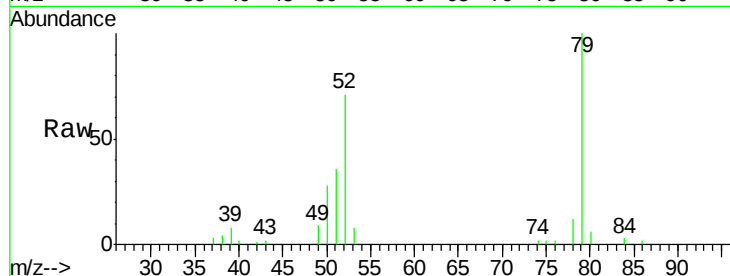
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	79	Resp:	61773
Ion	Ratio	Lower	Upper
79	100		
52	71.3	76.8	115.2#
51	36.5	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 42.91 ng

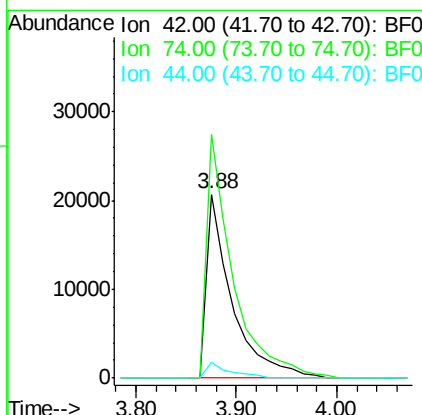
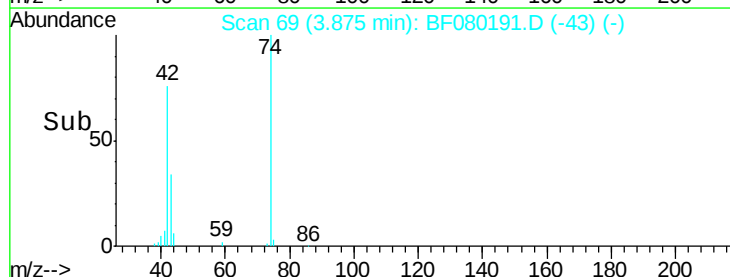
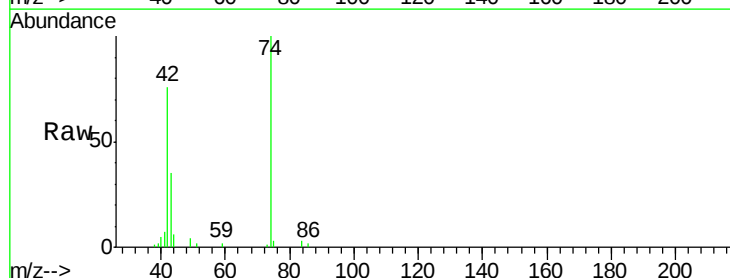
RT: 3.88 min Scan# 69

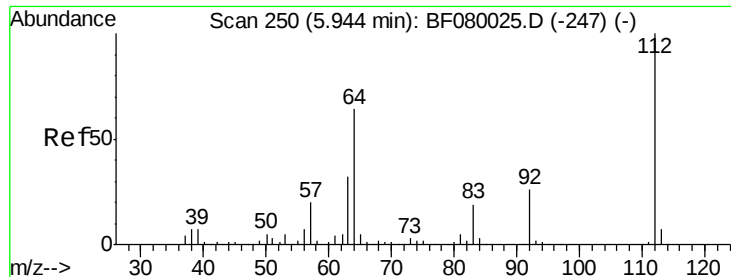
Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	42	Resp:	36209
Ion	Ratio	Lower	Upper
42	100		
74	132.4	105.0	157.6
44	8.3	6.6	10.0





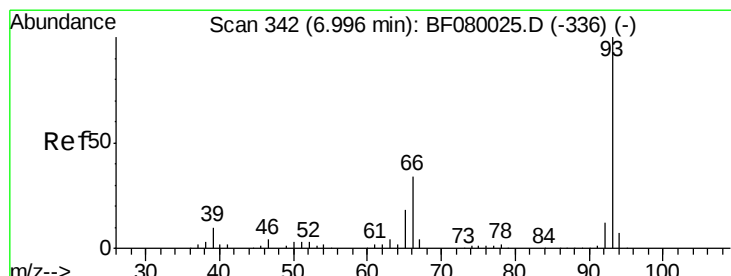
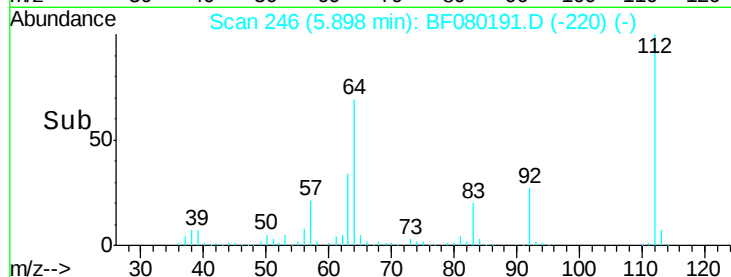
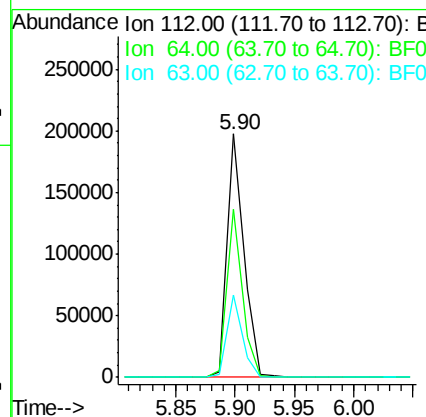
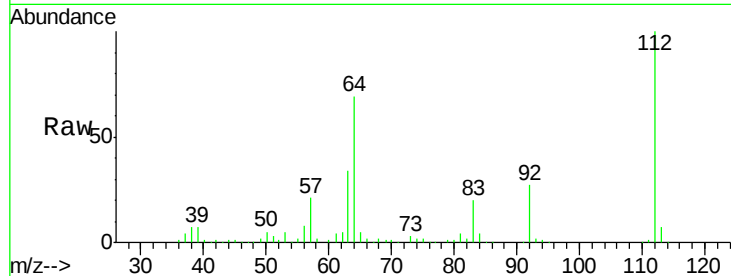
#5
 2-Fluorophenol
 Concen: 135.91 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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

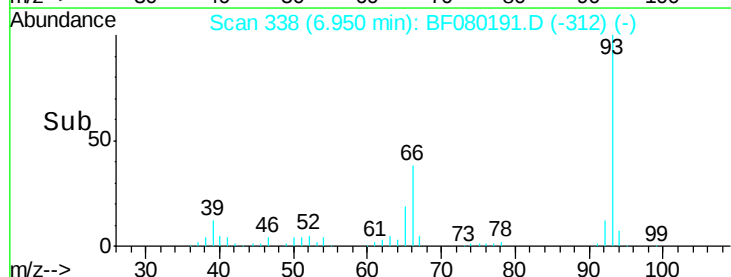
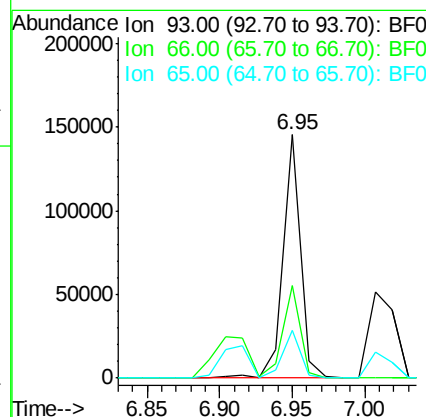
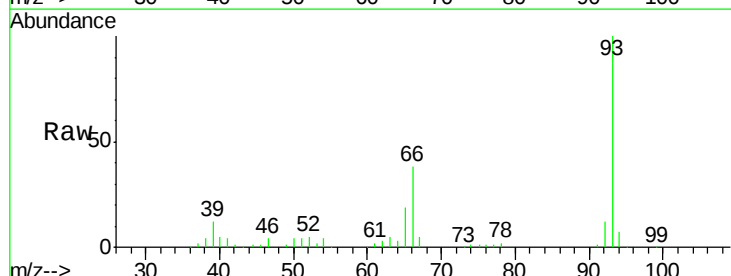
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#6
 Aniline
 Concen: 46.78 ng
 RT: 6.95 min Scan# 338
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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





#7

Phenol-d6

Concen: 136.92 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

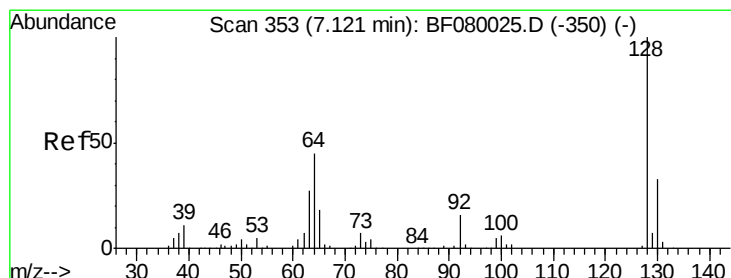
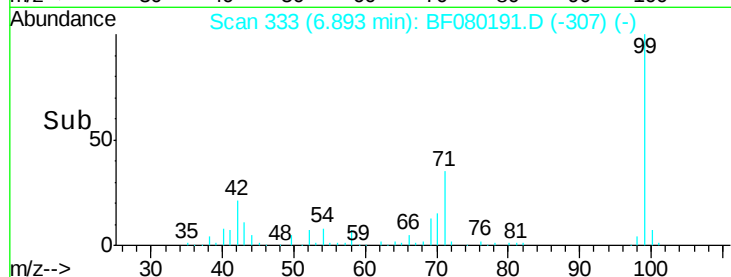
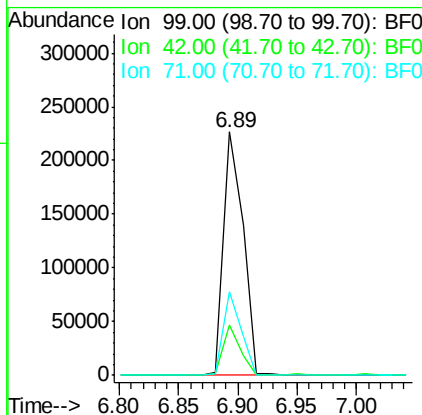
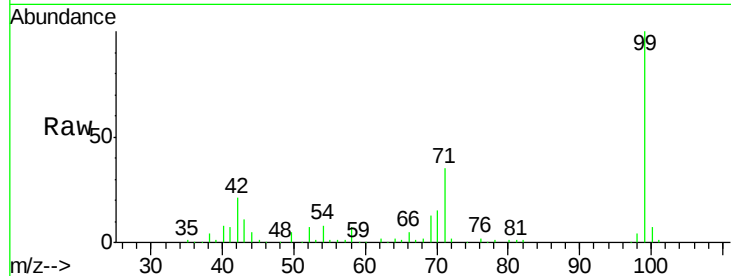
ClientSampleId :

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Tgt Ion:	99	Resp:	255931
Ion Ratio	Lower	Upper	
99	100		
42	20.7	13.7	20.5#
71	34.6	14.2	21.2#

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#8

2-Chlorophenol

Concen: 46.51 ng

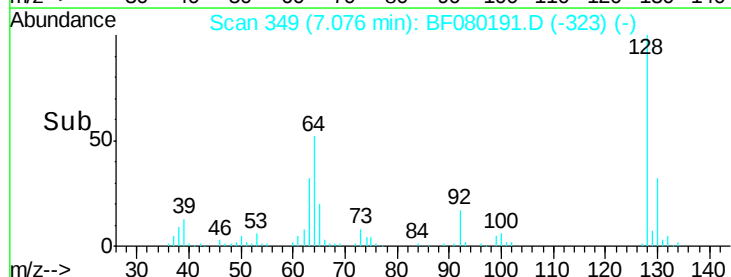
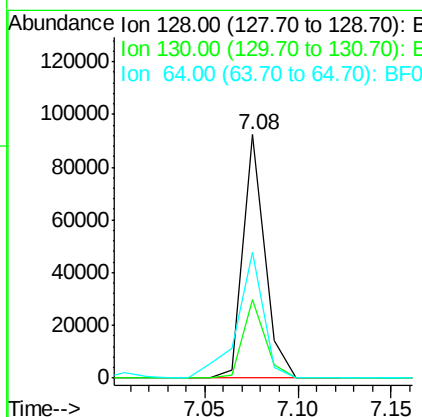
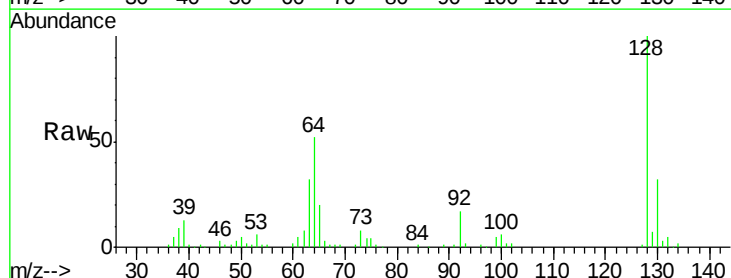
RT: 7.08 min Scan# 349

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	128	Resp:	75509
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.2	52.2
64	51.7	20.5	60.5





#9

Benzaldehyde

Concen: 37.04 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion: 77 Resp: 39970

Ion Ratio Lower Upper

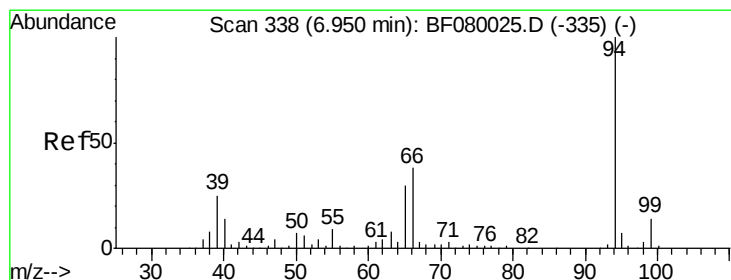
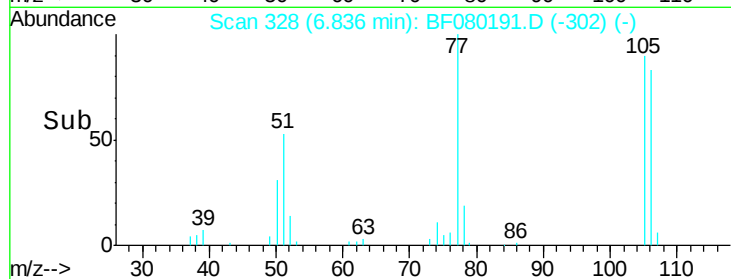
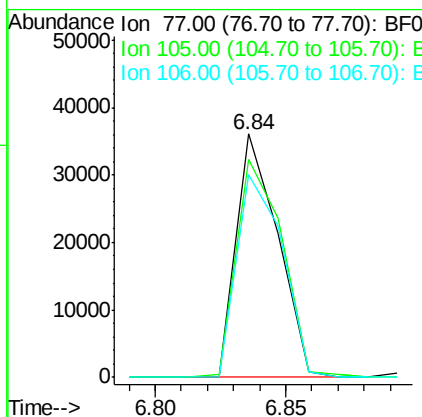
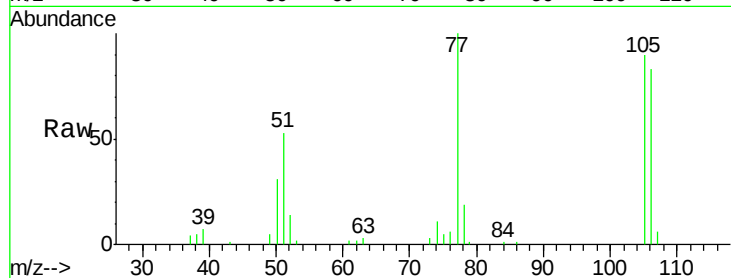
77 100

105 89.8 91.6 131.6#

106 83.4 102.6 142.6#

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#10

Phenol

Concen: 43.91 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

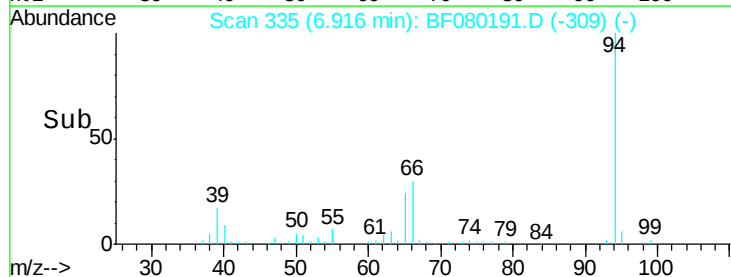
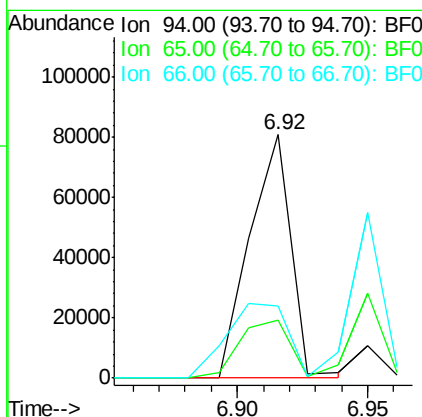
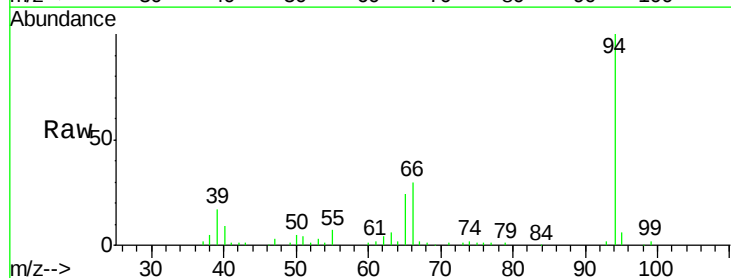
Tgt Ion: 94 Resp: 89561

Ion Ratio Lower Upper

94 100

65 23.9 0.7 40.7

66 29.8 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 39.38 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

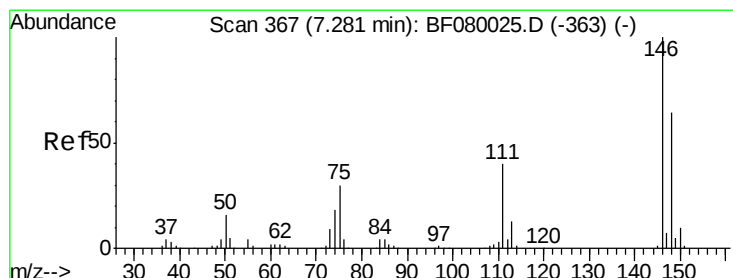
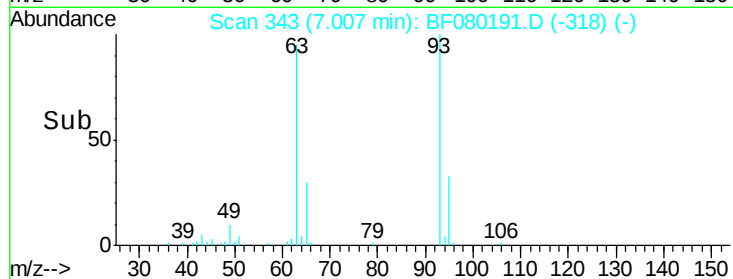
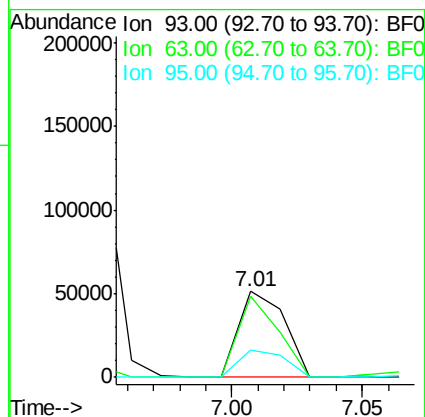
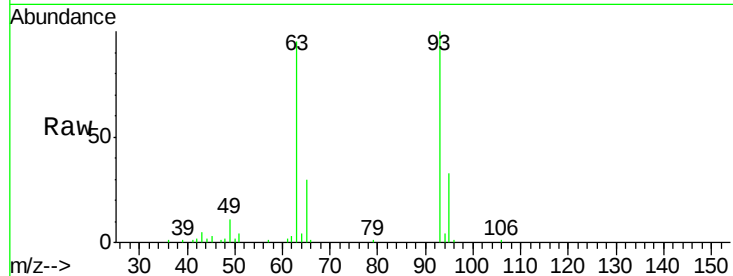
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	93	Resp:	63736
Ion	Ratio	Lower	Upper
93	100		
63	94.8	65.6	105.6
95	32.6	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 41.13 ng

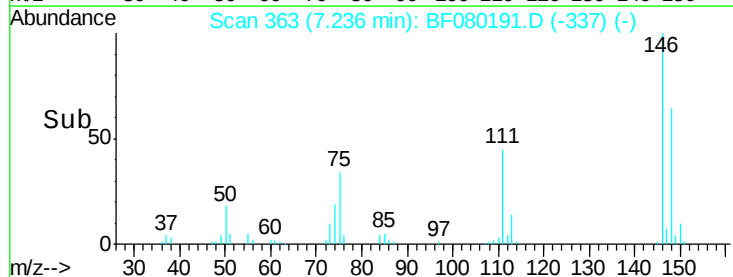
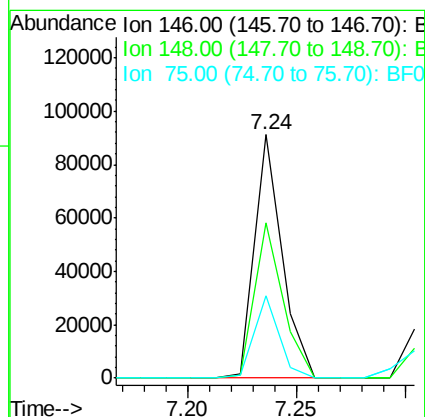
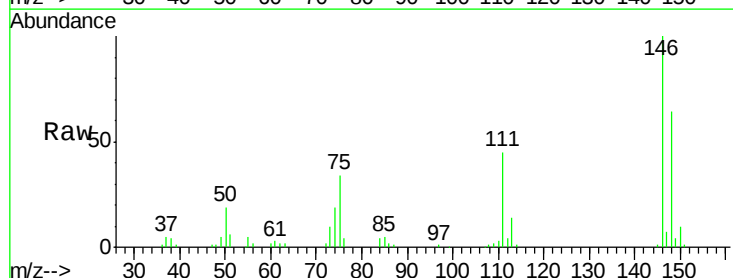
RT: 7.24 min Scan# 363

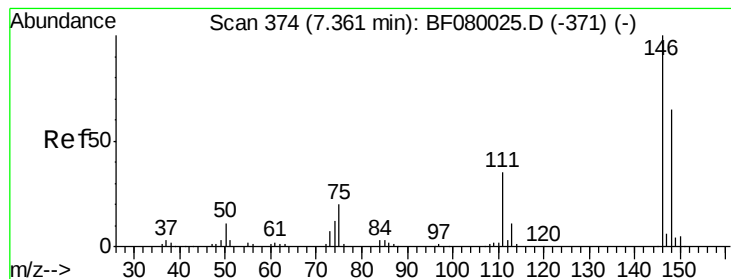
Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	146	Resp:	80212
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	33.6	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 45.95 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

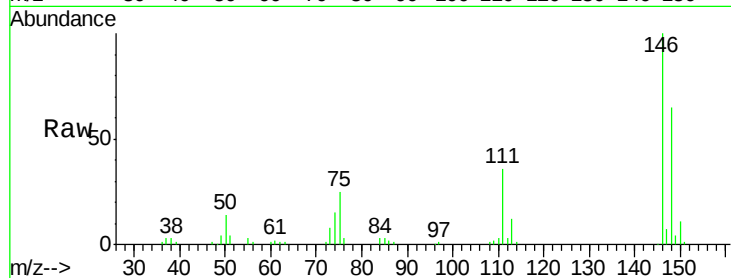
ClientSampleId :

NORTHADBOTTOM-062515MSD

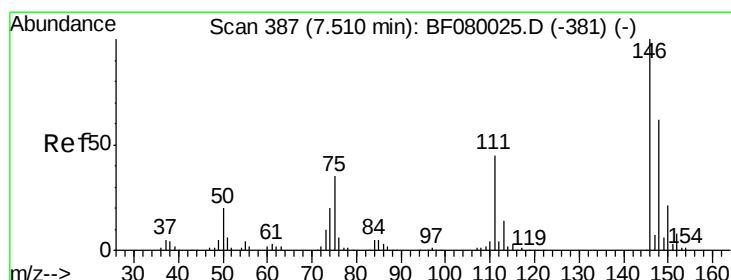
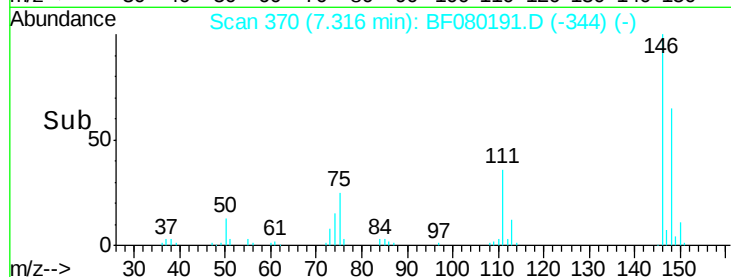
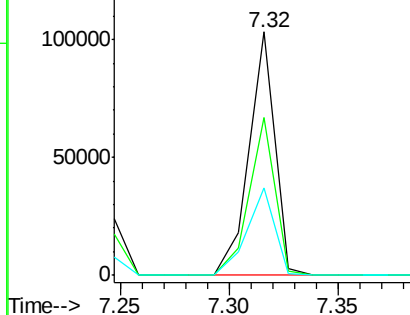
Tgt Ion:	146	Resp:	85236
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
111	35.8	24.9	37.3

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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: 42.63 ng m

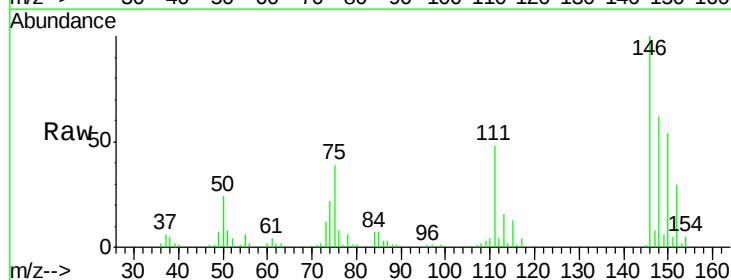
RT: 7.46 min Scan# 383

Delta R.T. -0.01 min

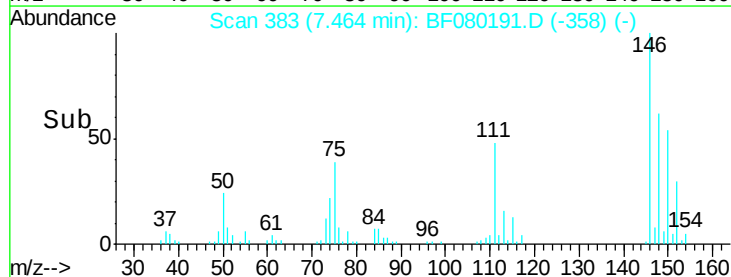
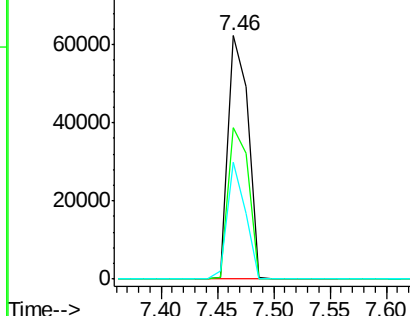
Lab File: BF080191.D

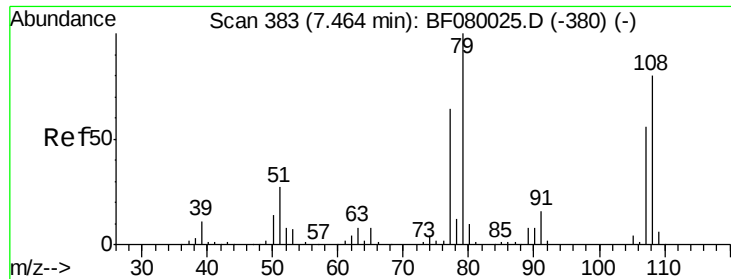
Acq: 26 Jun 2015 16:04

Tgt Ion:	146	Resp:	76950
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.7	79.1
111	47.9	28.8	43.2#



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





#15

Benzyl Alcohol

Concen: 45.08 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

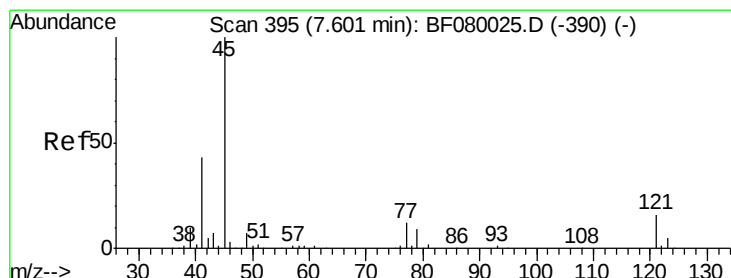
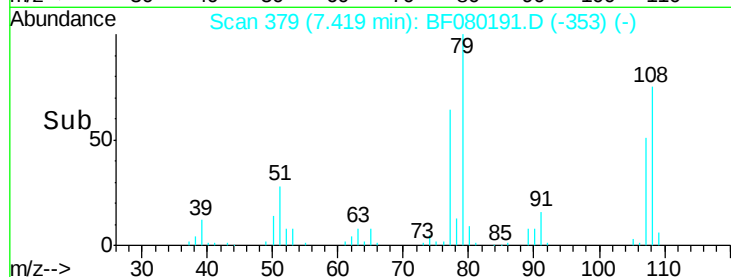
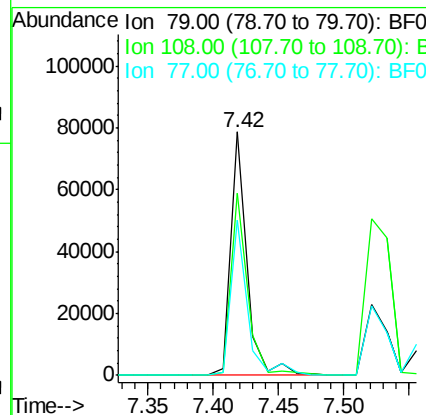
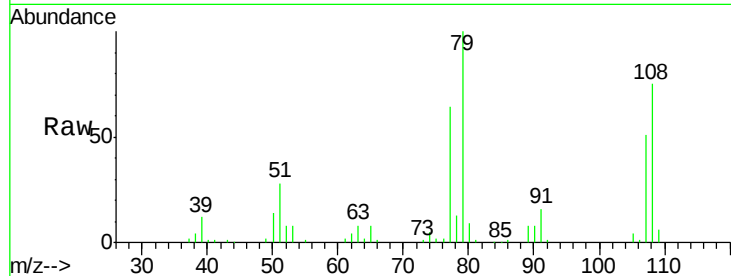
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.0	88.6	132.8#
77	64.0	47.0	70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.39 ng

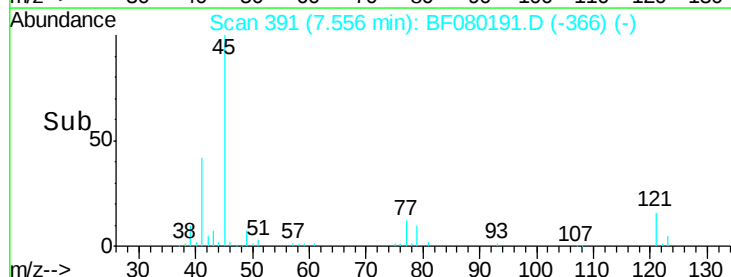
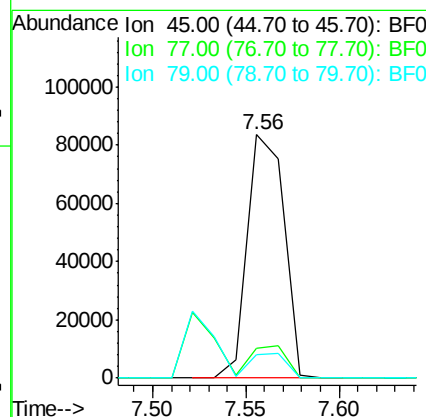
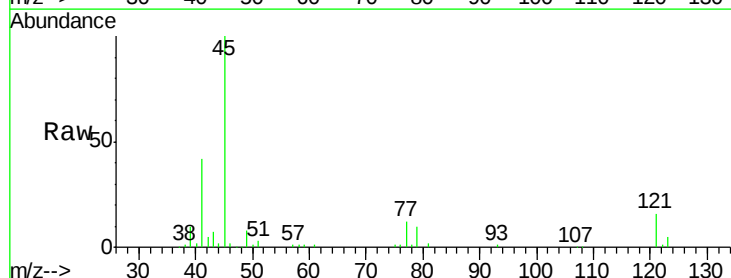
RT: 7.56 min Scan# 391

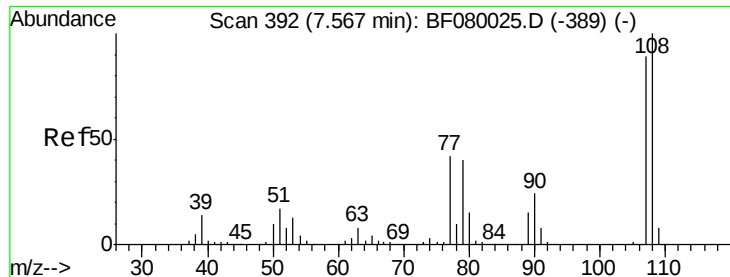
Delta R.T. -0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

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





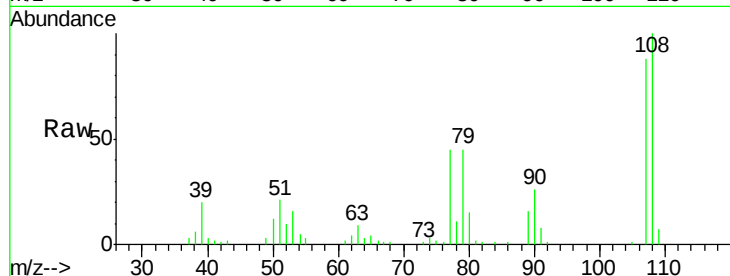
#17
2-Methylphenol
Concen: 41.91 ng
RT: 7.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

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

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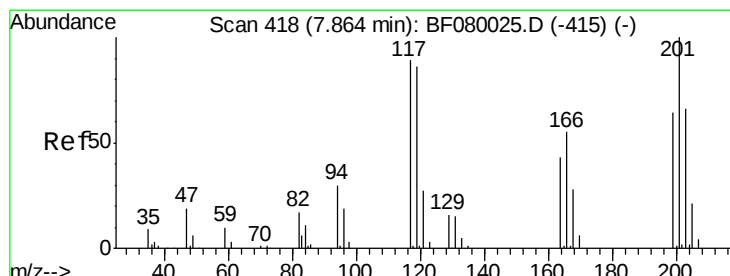
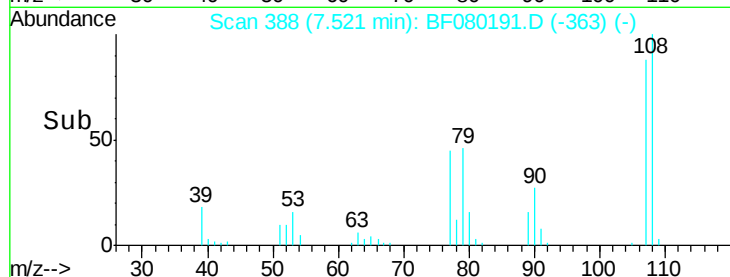
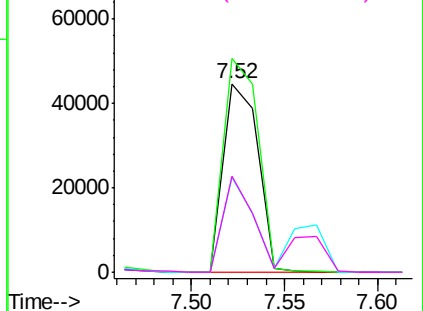
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.81 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

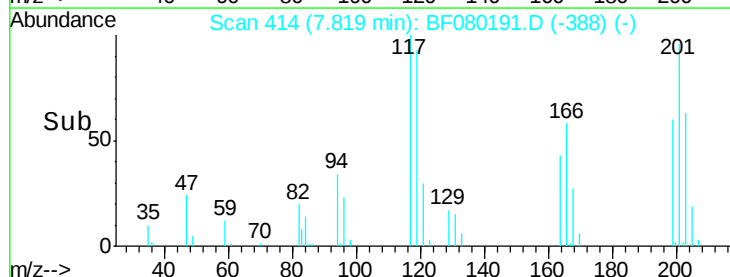
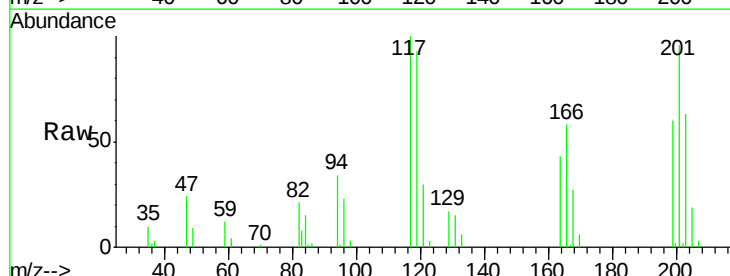
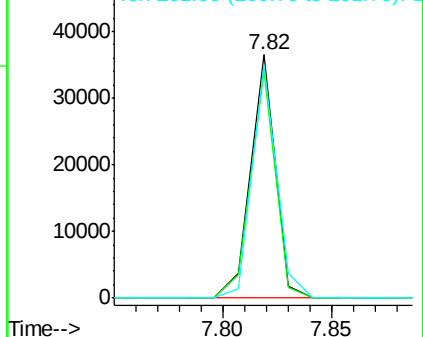
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28908		
119	93.3	83.8	125.6	
201	95.7	55.1	82.7#	

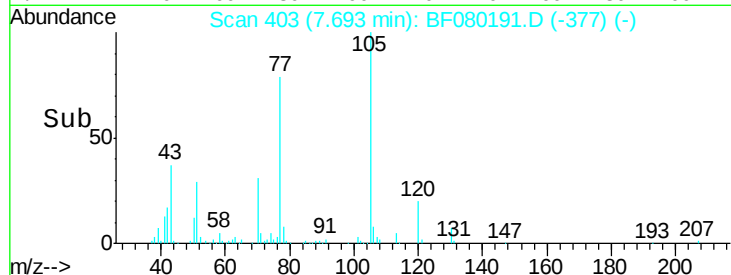
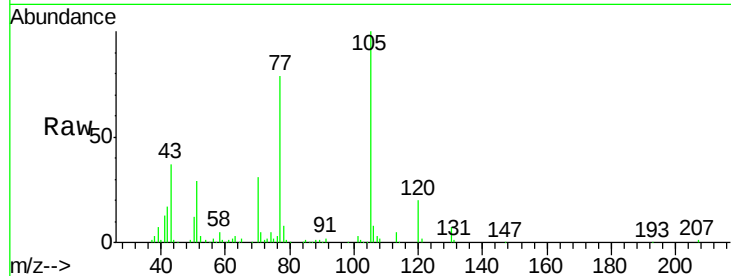
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





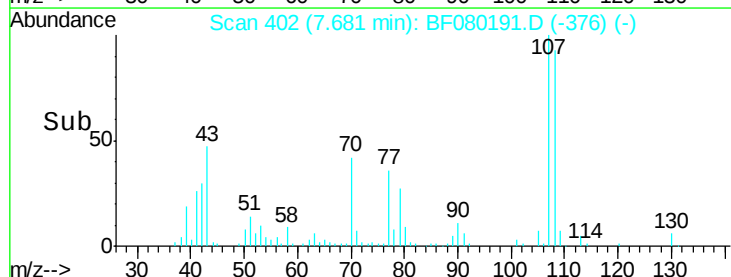
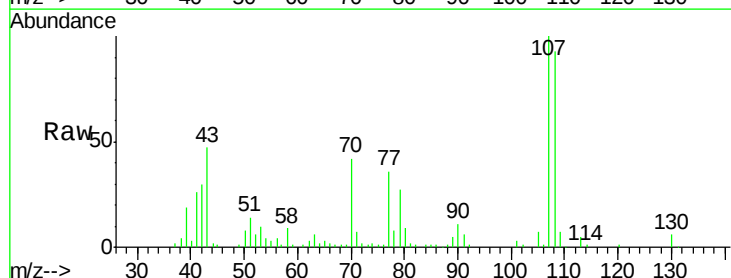
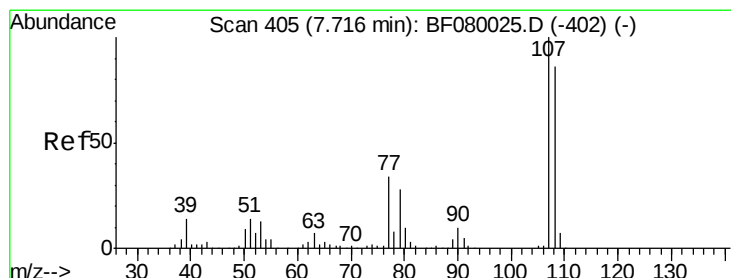
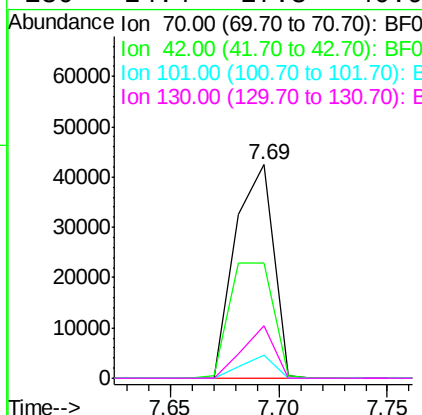
#19
n-Nitroso-di-n-propylamine
Concen: 39.88 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.1	63.8	95.6#
101	11.0	9.2	13.8
130	24.4	27.3	40.9#

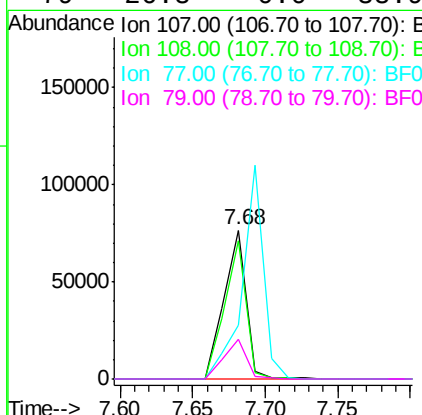
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#20
3+4-Methylphenols
Concen: 45.56 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

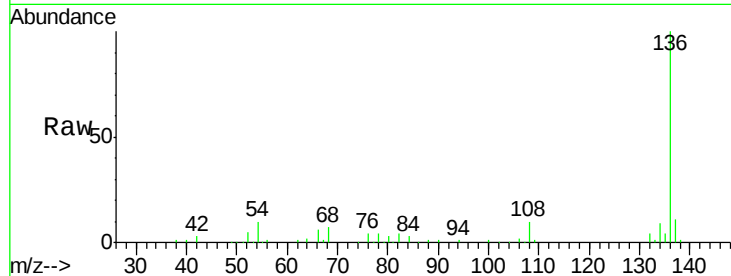
ClientSampleId :

NORTHADBOTTOM-062515MSD

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

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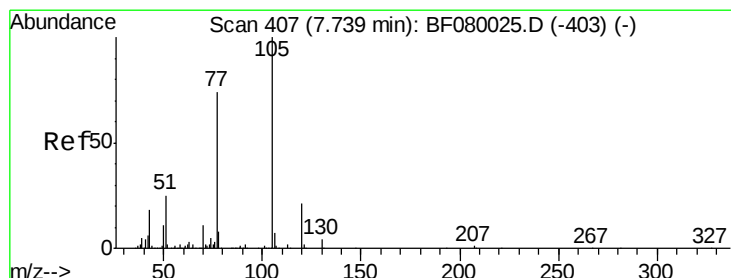
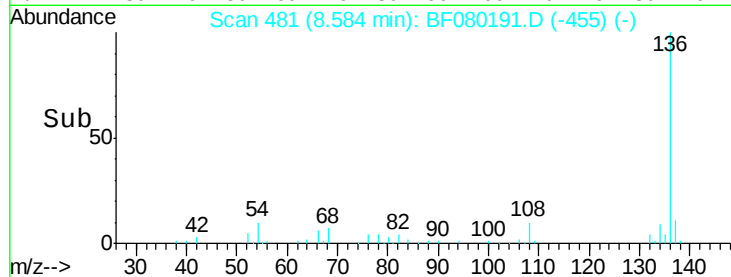
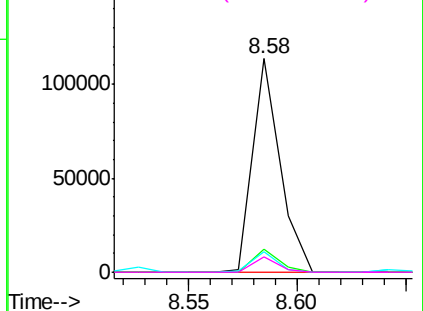


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.92 ng

RT: 7.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

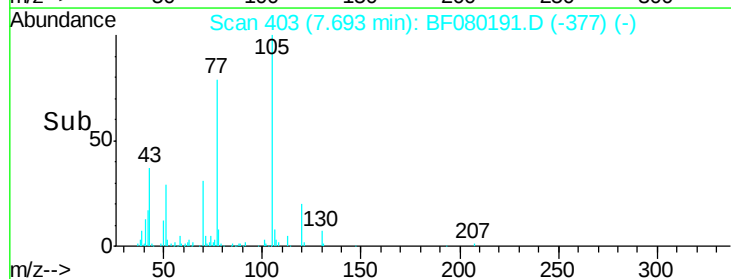
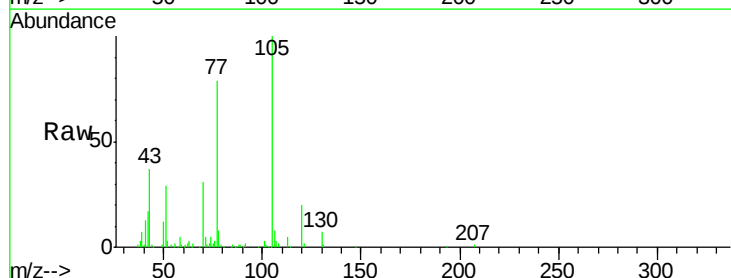
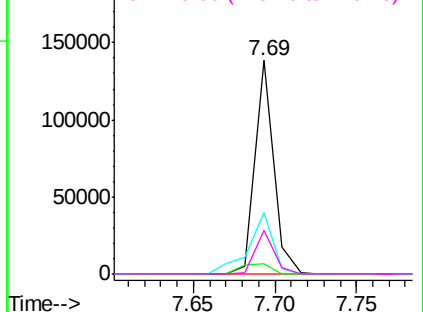
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.0	4.7	7.1
51	28.9	22.0	33.0
120	20.4	30.1	45.1#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





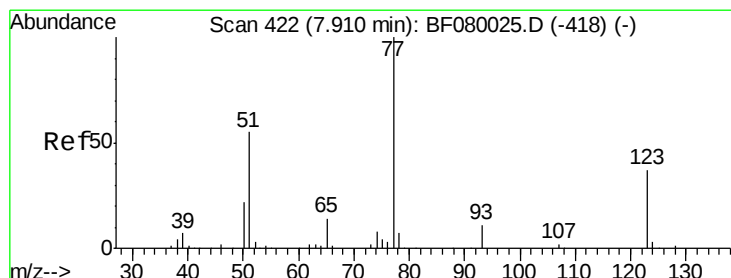
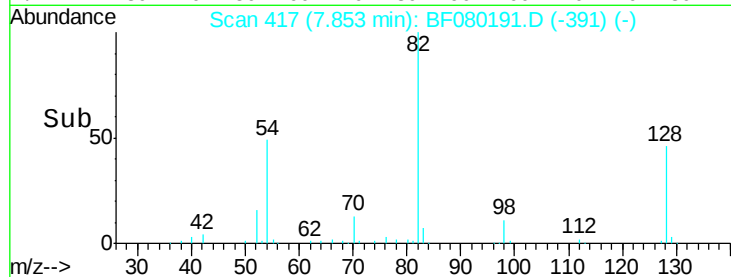
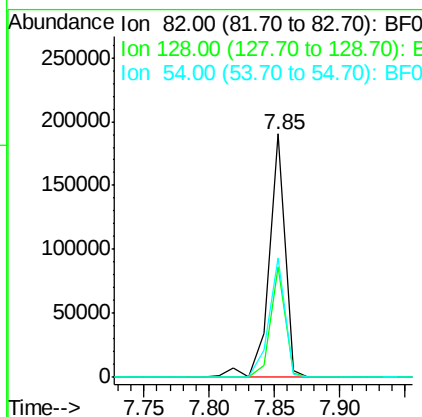
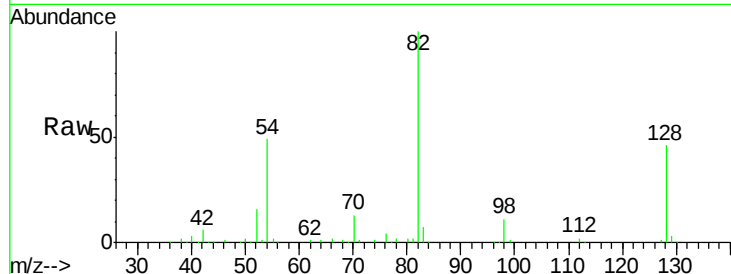
#23
 Nitrobenzene-d5
 Concen: 96.00 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	51.0	76.6#
54	49.1	47.5	71.3

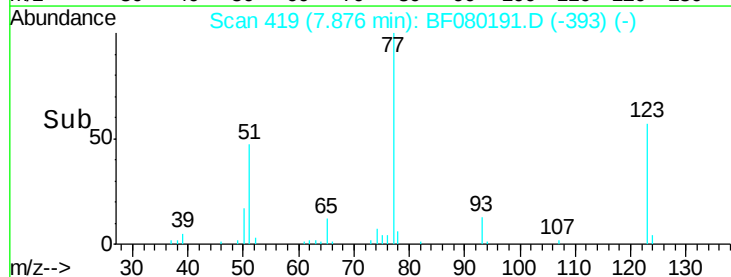
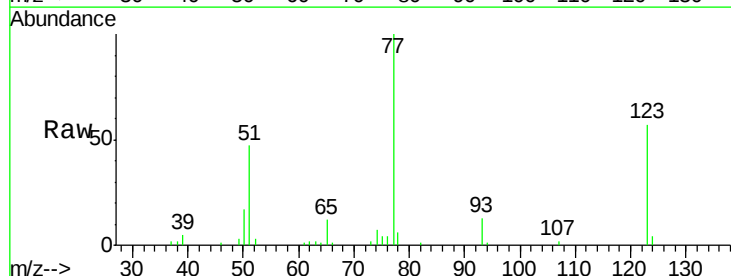
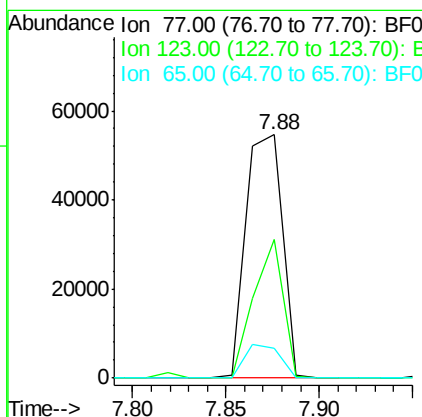
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#24
 Nitrobenzene
 Concen: 41.95 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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





#25

Isophorone

Concen: 42.27 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

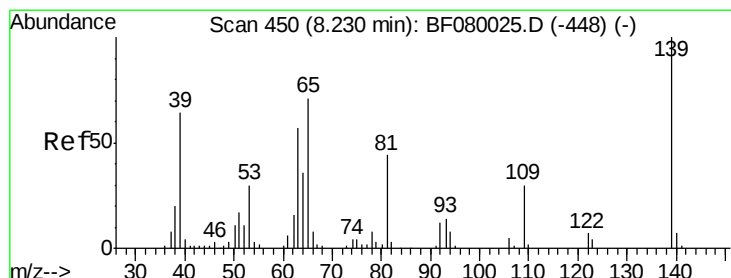
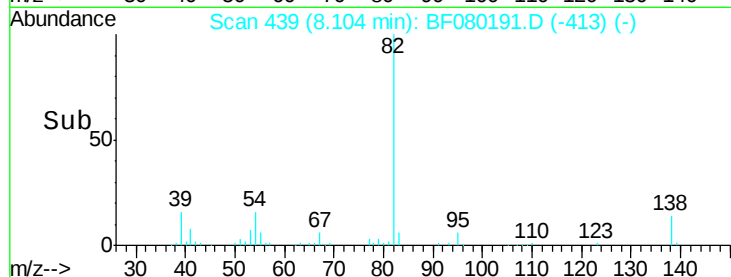
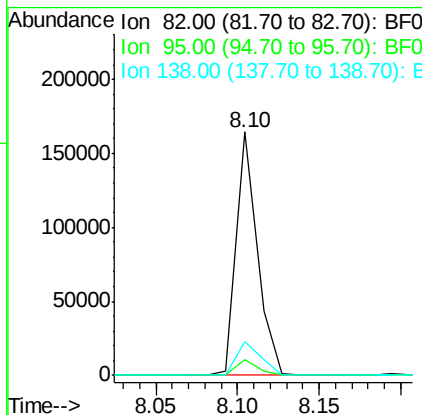
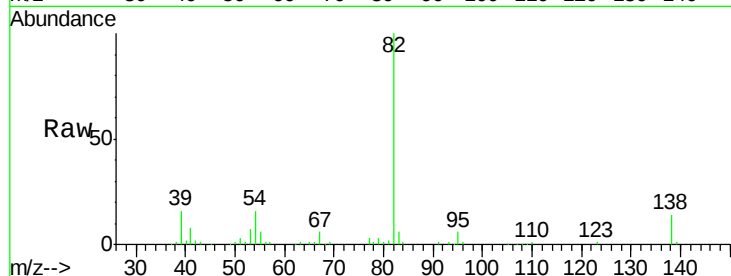
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	82	Resp:	145481
Ion Ratio		Lower	Upper
82	100		
95	6.4	4.0	6.0#
138	14.0	18.3	27.5#

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#26

2-Nitrophenol

Concen: 50.79 ng

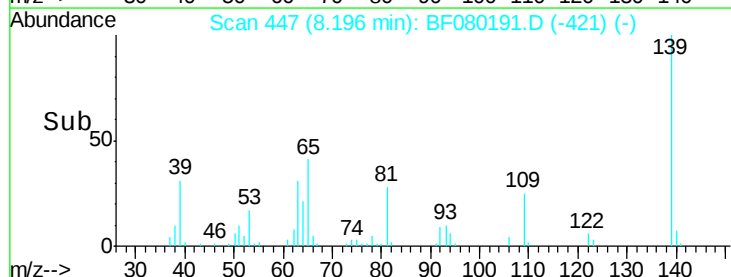
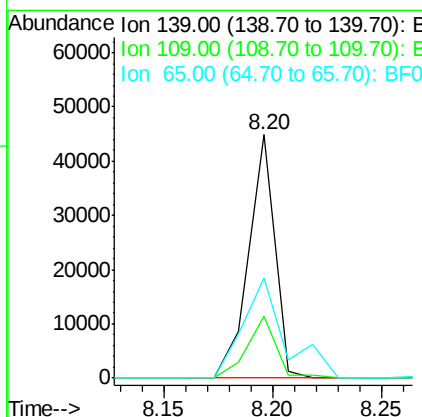
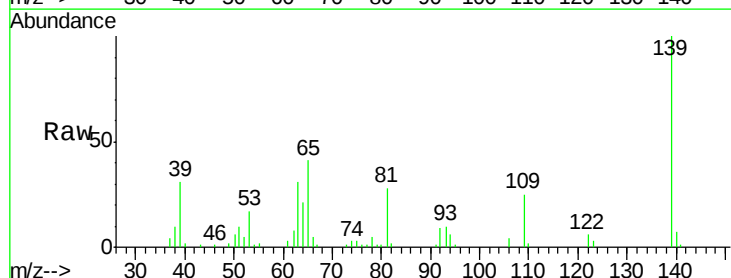
RT: 8.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	139	Resp:	37523
Ion Ratio		Lower	Upper
139	100		
109	25.5	11.0	16.4#
65	41.3	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 44.26 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

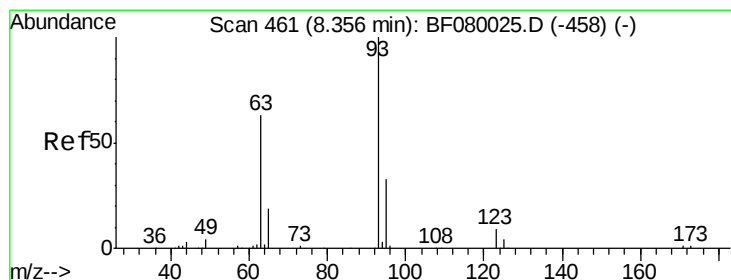
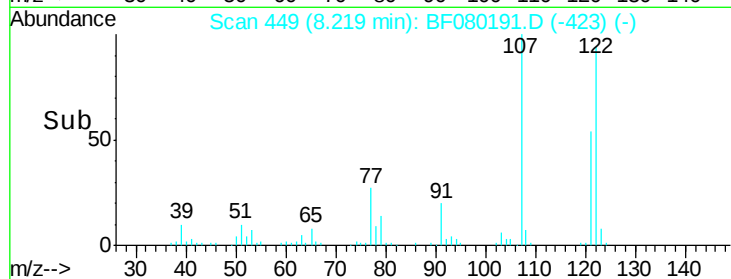
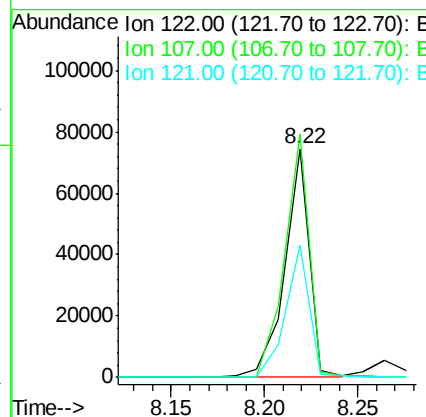
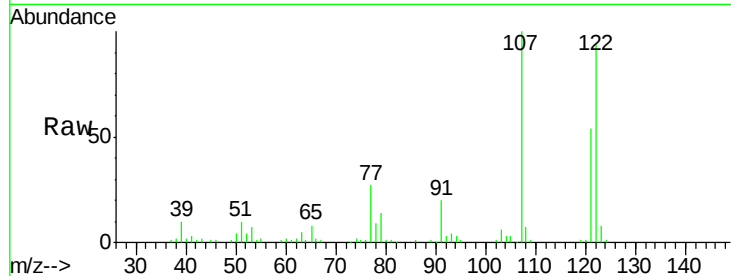
ClientSampleId :

NORTHADBOTTOM-062515MSD

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

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#28

bis(2-Chloroethoxy)methane

Concen: 45.31 ng

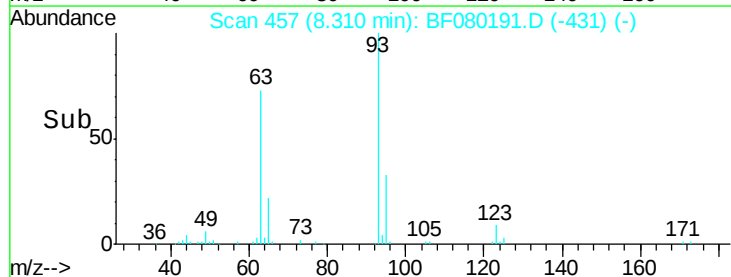
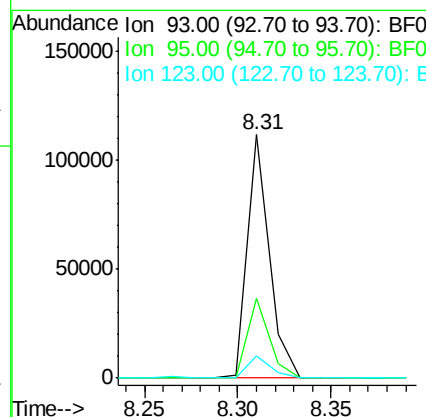
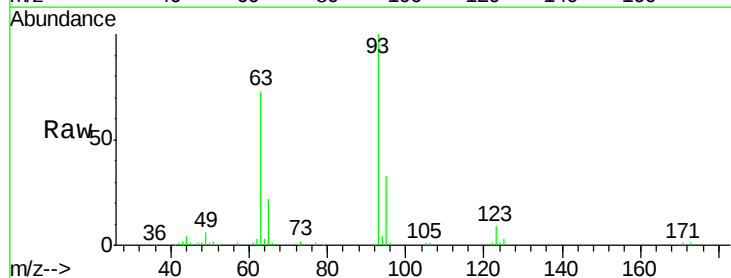
RT: 8.31 min Scan# 457

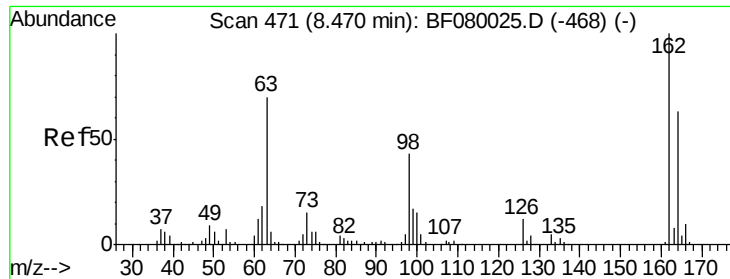
Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

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





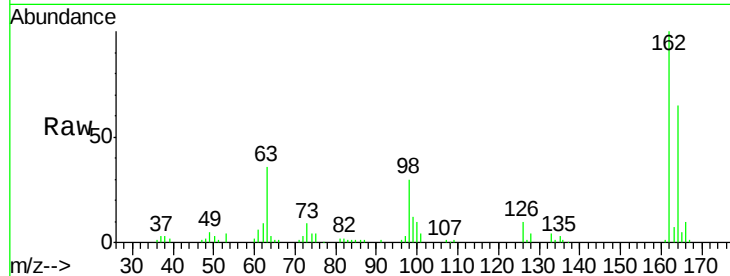
#29
 2,4-Dichlorophenol
 Concen: 49.32 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

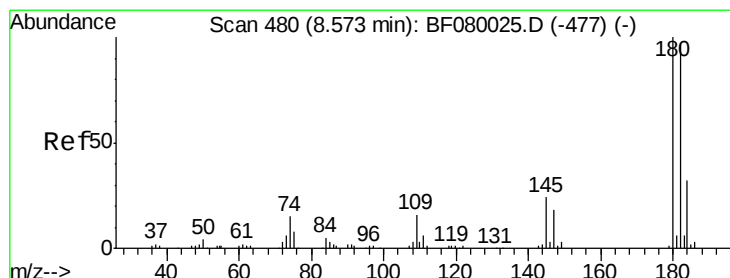
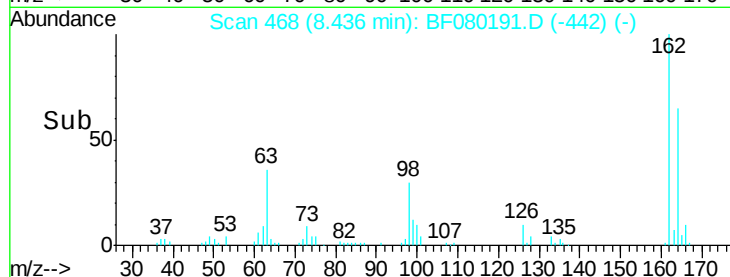
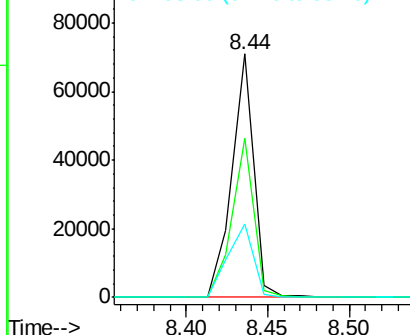
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	44.9	84.9
98	30.2	13.0	53.0

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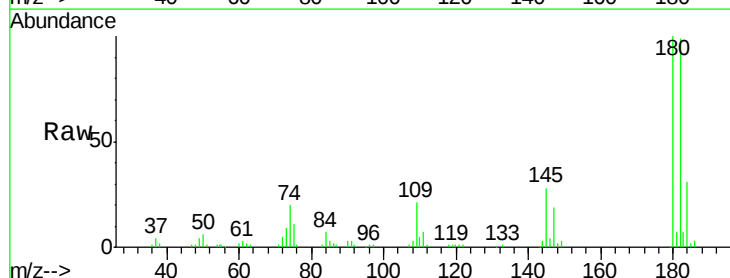


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

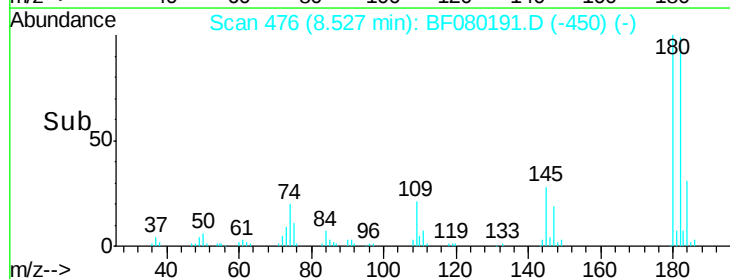
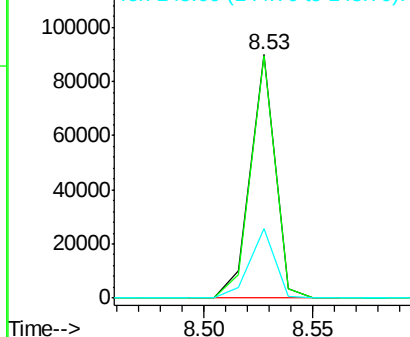


#30
 1,2,4-Trichlorobenzene
 Concen: 47.30 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	99.4	77.1	115.7
145	28.5	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





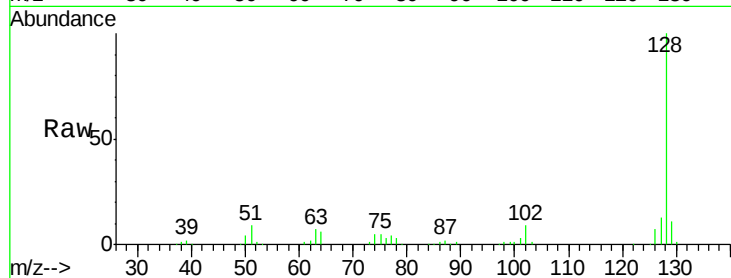
#31
Naphthalene
Concen: 43.35 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

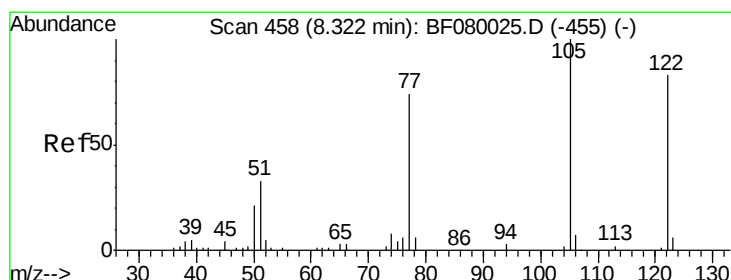
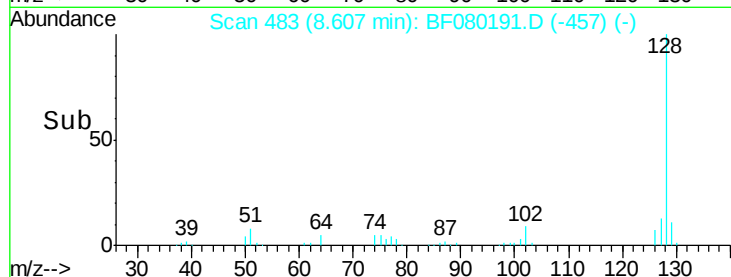
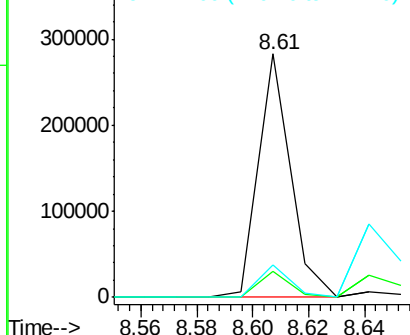
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	225623		
129	10.9	8.4	12.6	
127	13.1	9.9	14.9	

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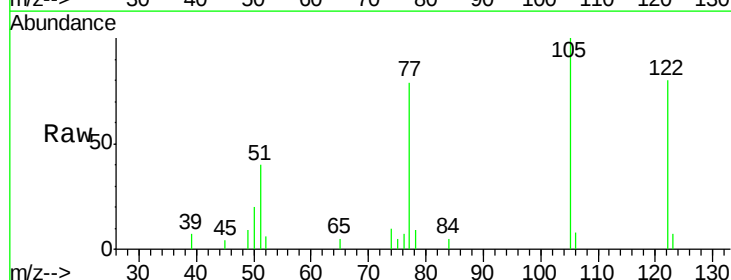


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

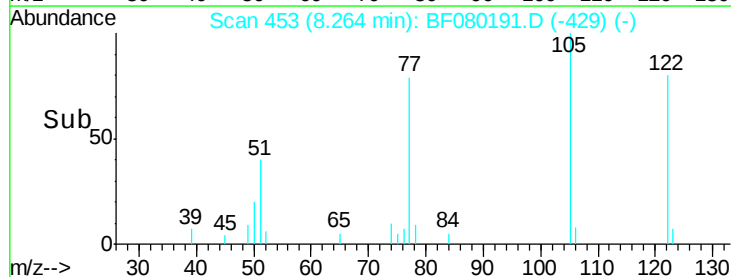
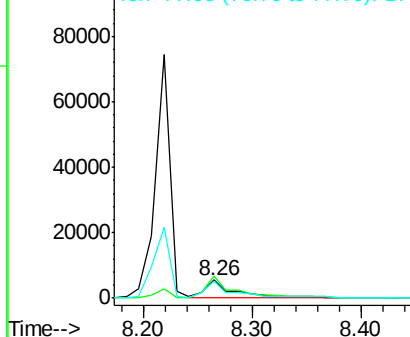


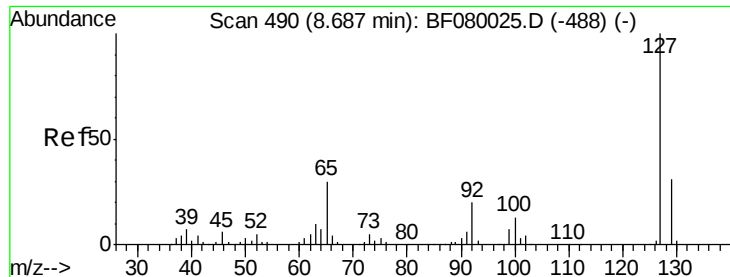
#32
Benzoic acid
Concen: 11.13 ng
RT: 8.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10366		
105	124.3	76.1	116.1#	
77	98.4	40.5	80.5#	



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





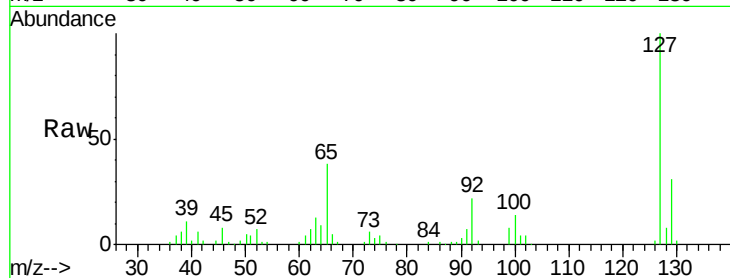
#33
4-Chloroaniline
Concen: 39.32 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

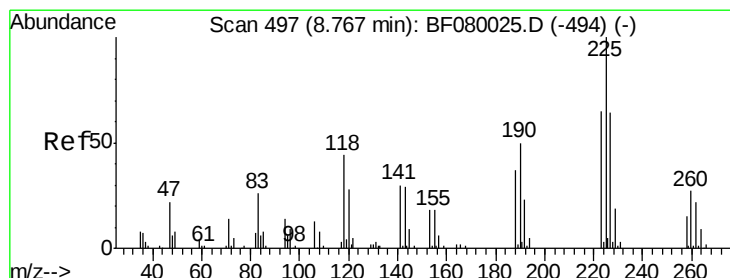
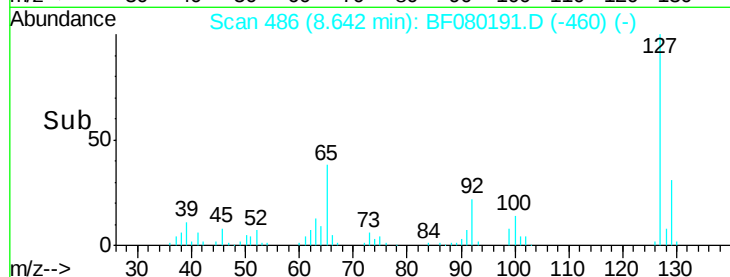
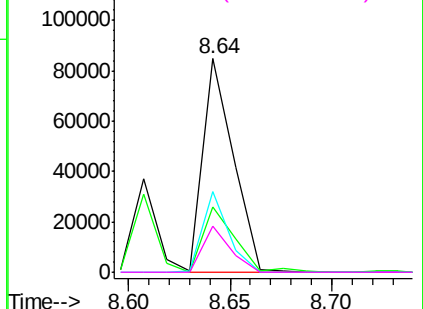
Tgt Ion:	127	Resp:	87600
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.8	38.6
65	37.6	17.9	26.9#
92	21.5	10.5	15.7#

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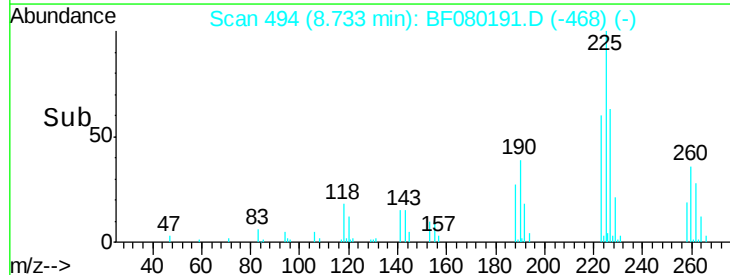
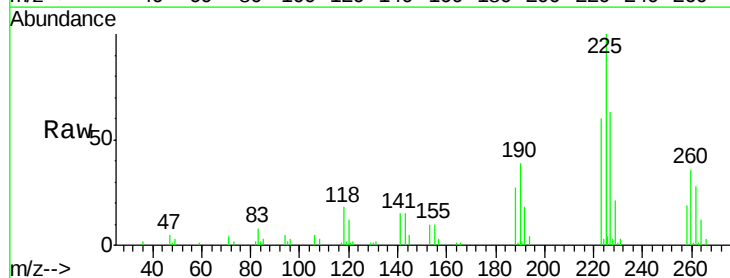
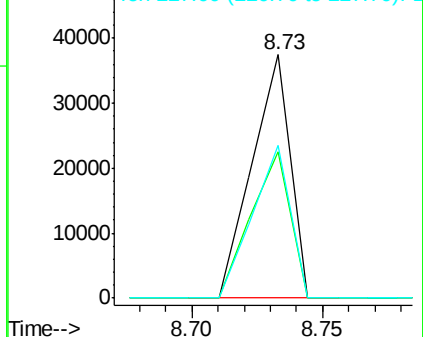
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion:	225	Resp:	38405
Ion Ratio	Lower	Upper	
225	100		
223	60.3	50.2	75.2
227	62.6	52.2	78.2

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





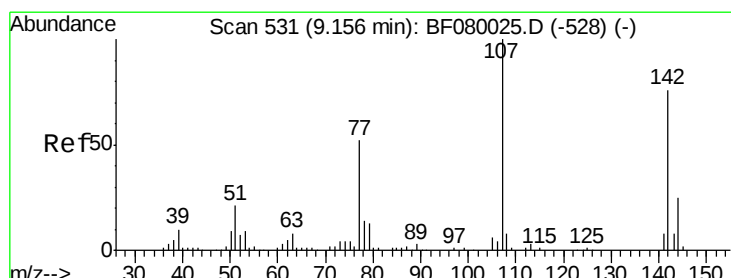
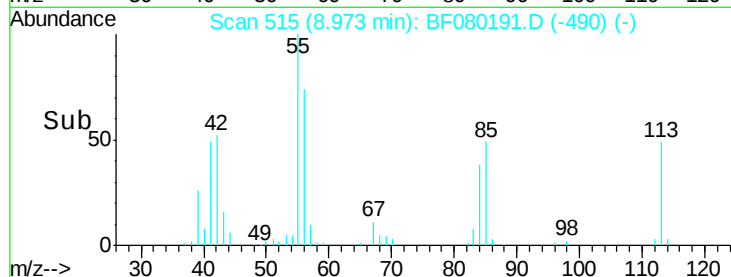
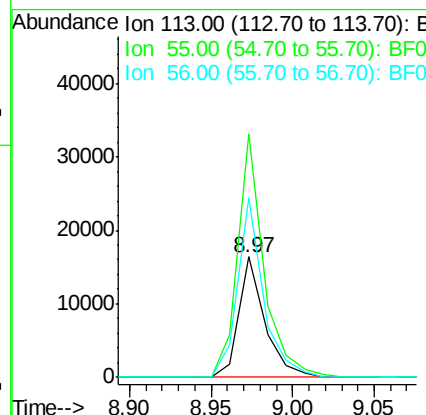
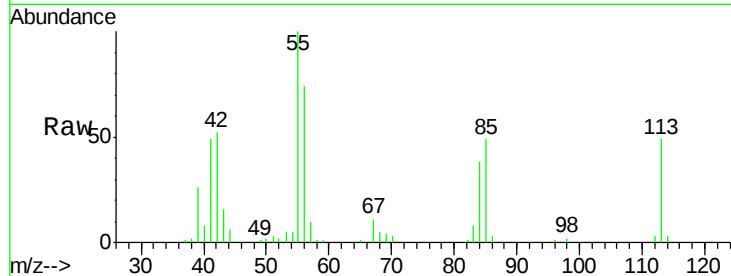
#35
 Caprolactam
 Concen: 42.02 ng
 RT: 8.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

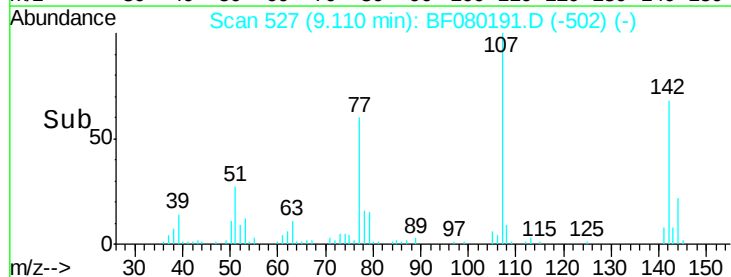
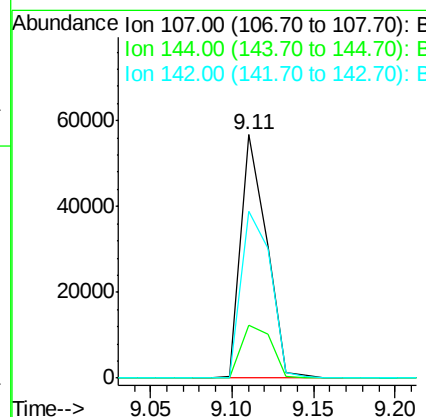
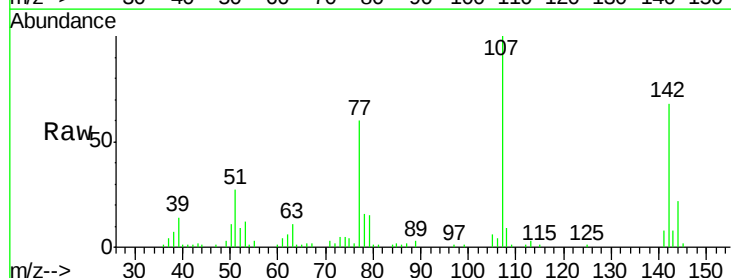
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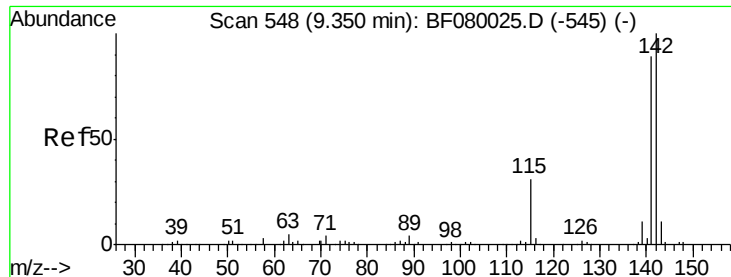
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#36
 4-Chloro-3-methylphenol
 Concen: 41.37 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion:107 Resp: 61561
 Ion Ratio Lower Upper
 107 100
 144 22.0 25.4 38.0#
 142 68.5 77.3 115.9#





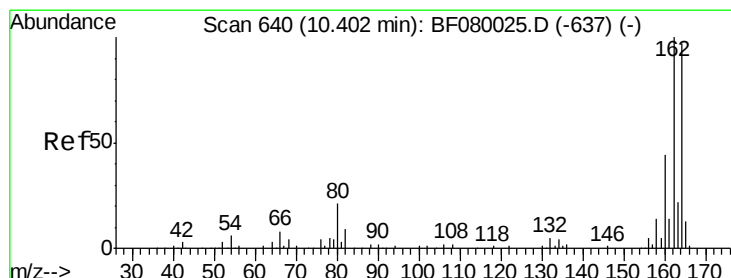
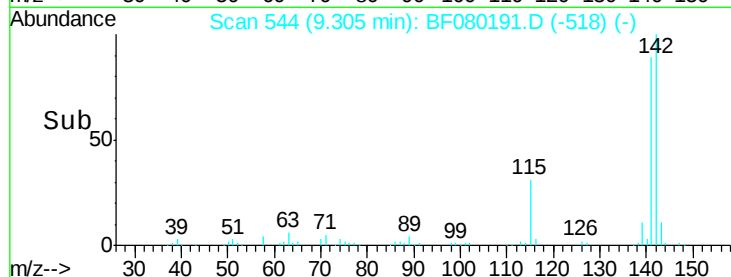
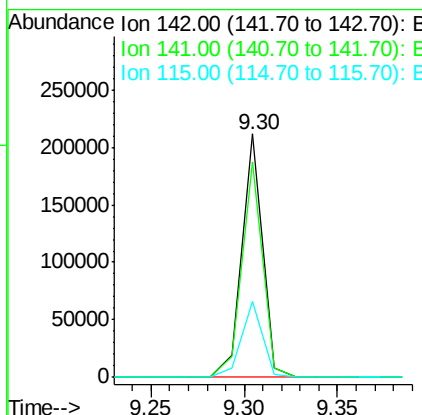
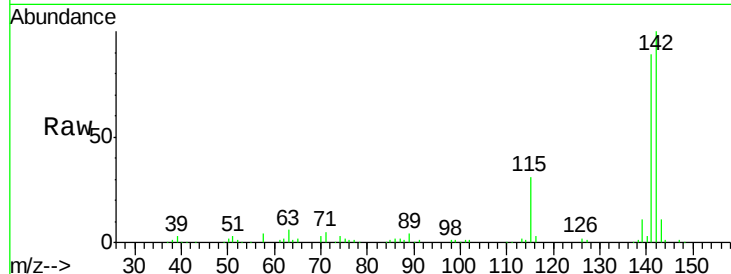
#37
2-Methylnaphthalene
Concen: 48.72 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	31.4	18.2	27.2

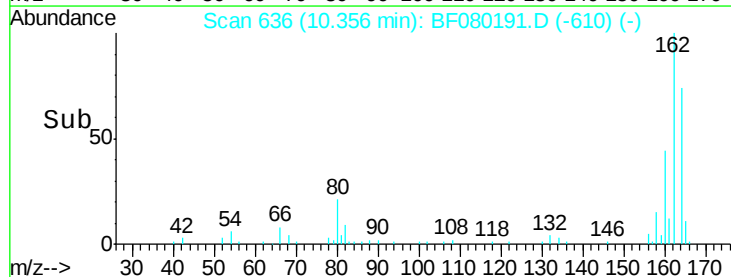
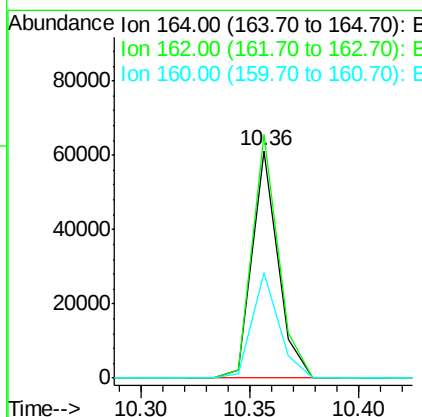
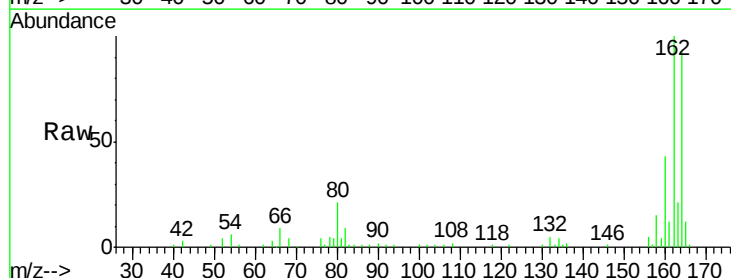
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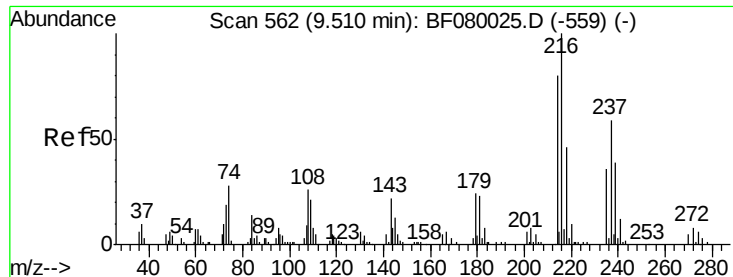
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.1	75.2	112.8
160	46.1	31.5	47.3





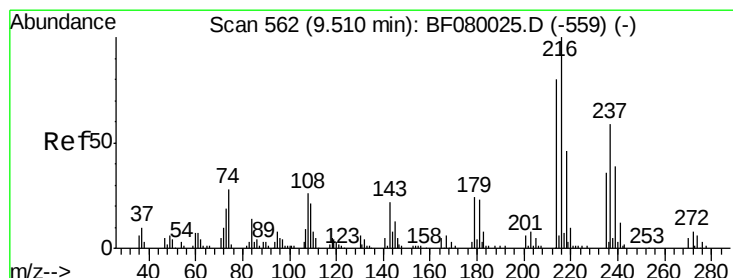
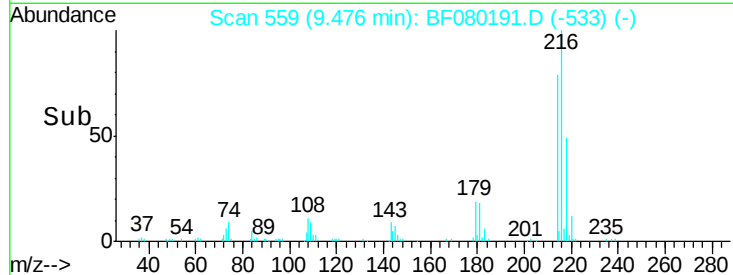
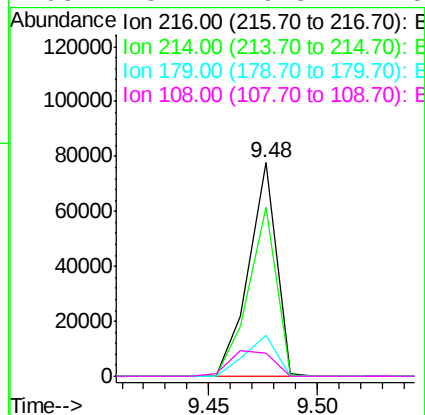
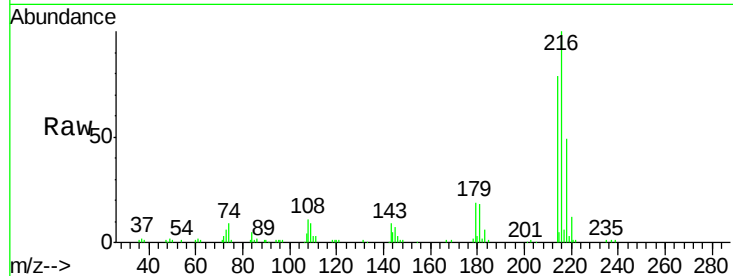
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.97 ng
 RT: 9.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

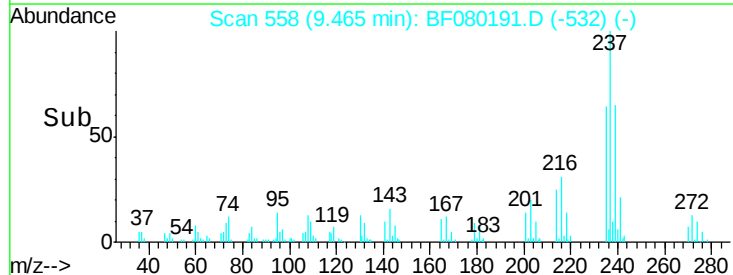
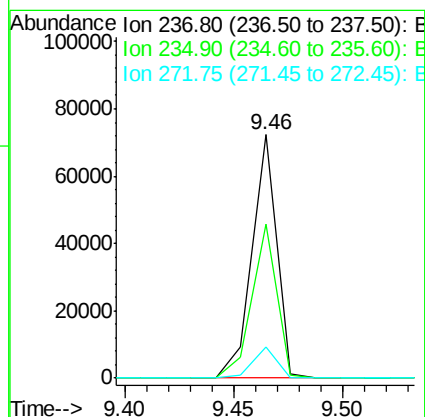
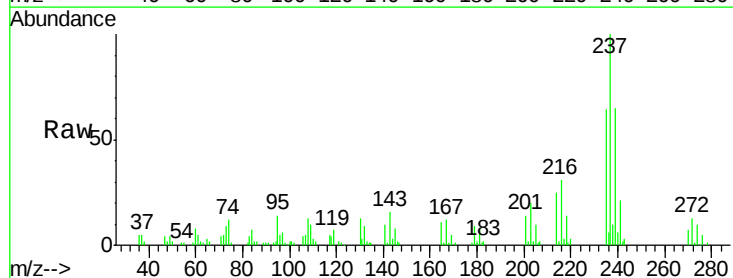
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#40
 Hexachlorocyclopentadiene
 Concen: 75.01 ng
 RT: 9.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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





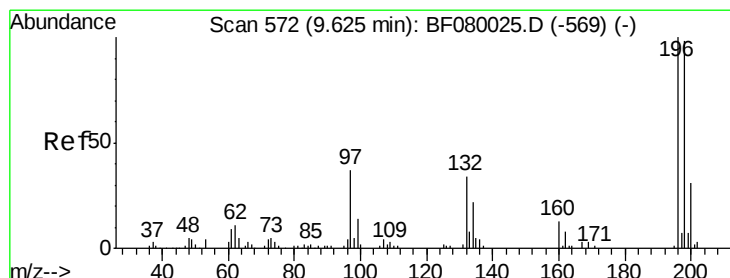
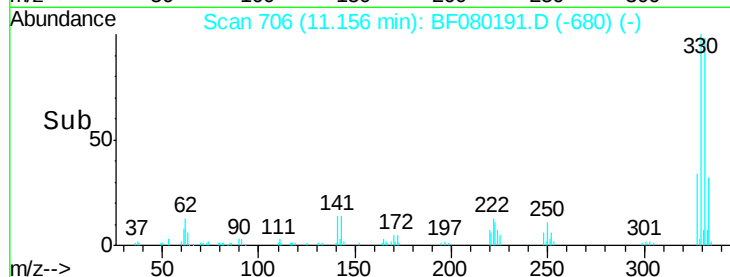
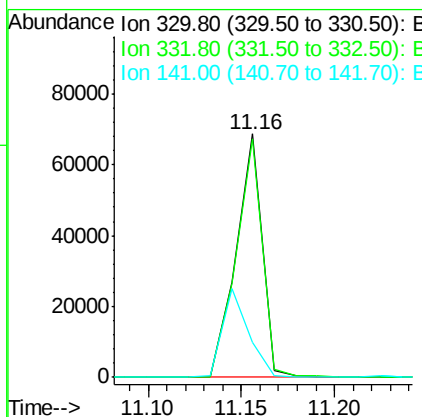
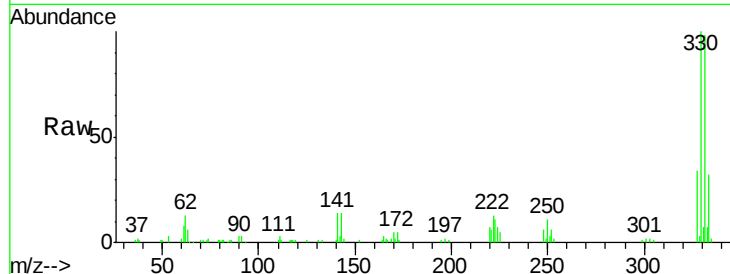
#41
 2,4,6-Tribromophenol
 Concen: 135.68 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

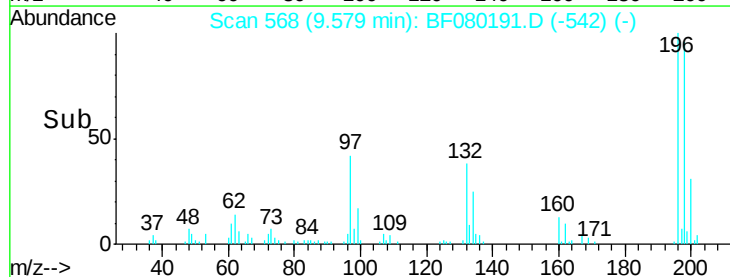
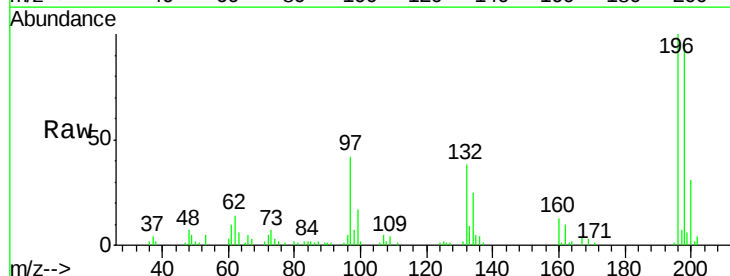
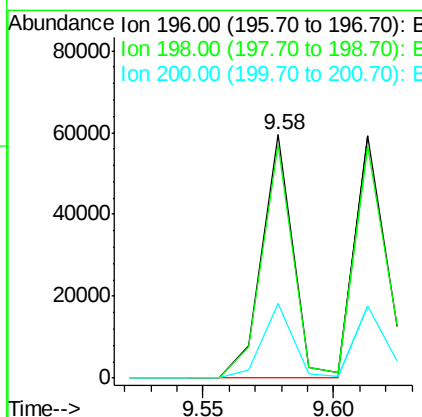
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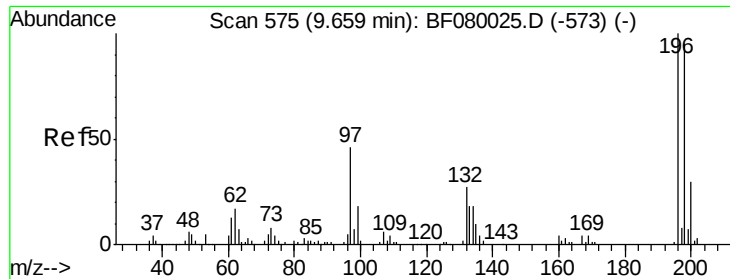
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#42
 2,4,6-Trichlorophenol
 Concen: 48.90 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	49067		
198	96.0	75.7	113.5	
200	30.6	23.9	35.9	





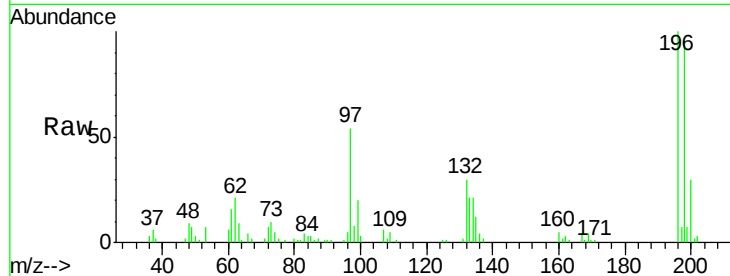
#43
 2,4,5-Trichlorophenol
 Concen: 43.72 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

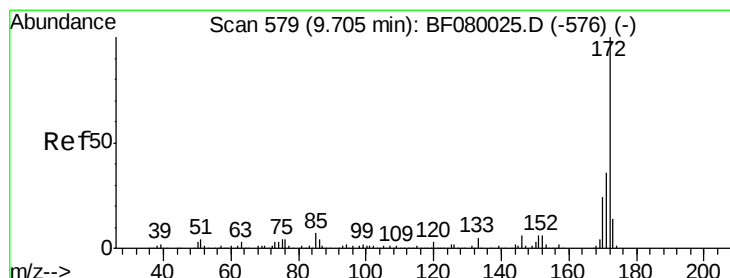
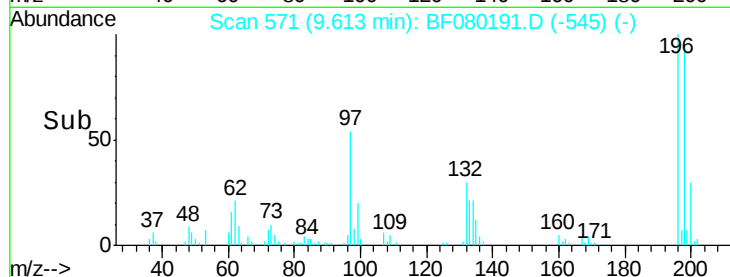
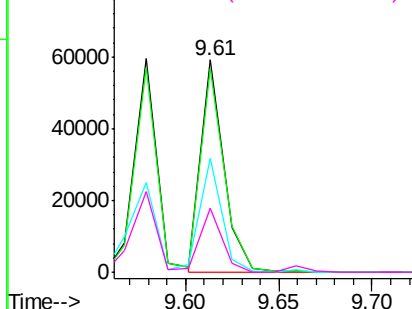
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	50538		
198	95.9	75.4	113.0	
97	53.6	33.3	49.9	
132	30.0	24.6	37.0	

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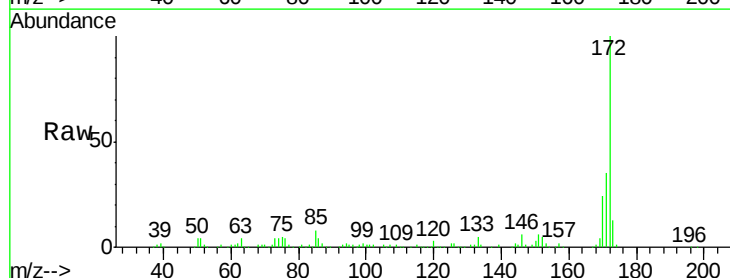


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

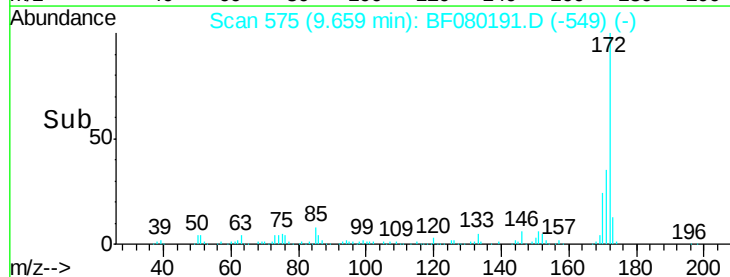
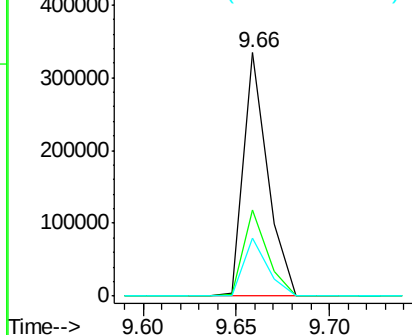


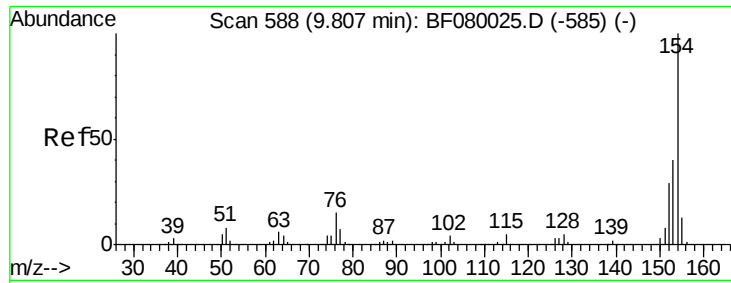
#44
 2-Fluorobiphenyl
 Concen: 84.61 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	300639		
171	35.4	26.1	39.1	
170	23.7	17.4	26.2	



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





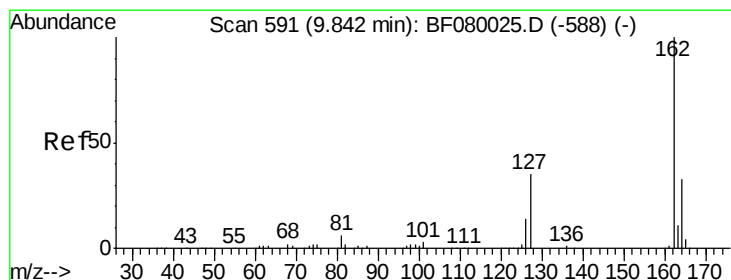
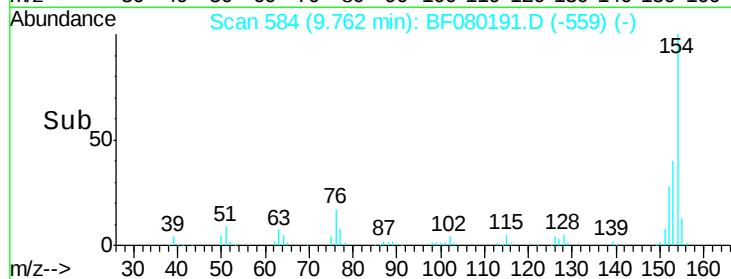
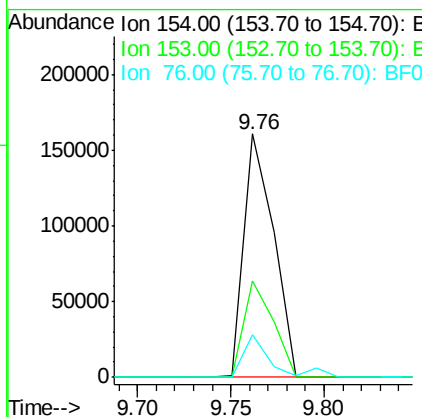
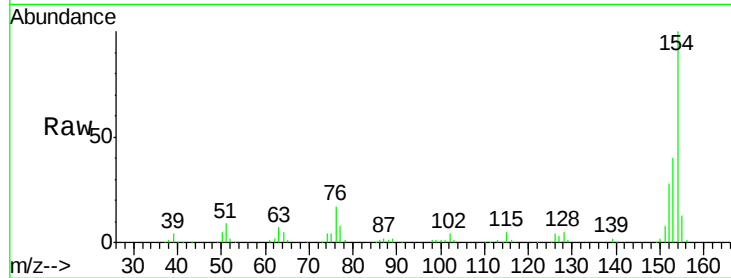
#45
 1,1'-Biphenyl
 Concen: 42.97 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

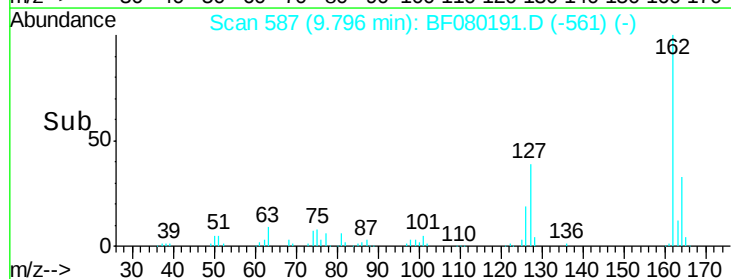
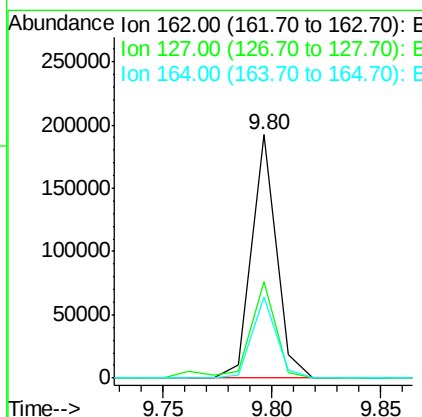
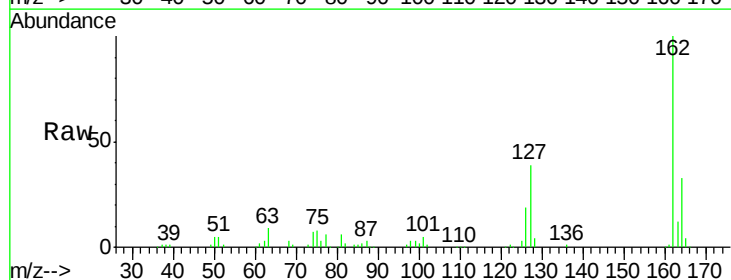
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#46
 2-Chloronaphthalene
 Concen: 45.27 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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





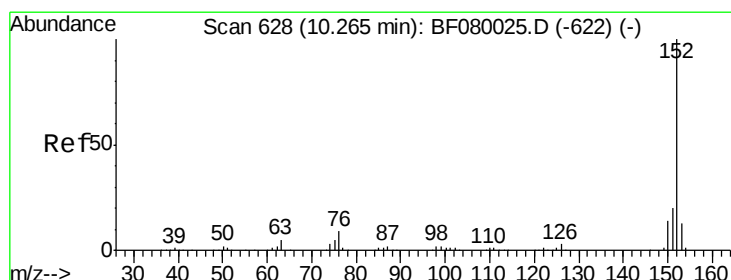
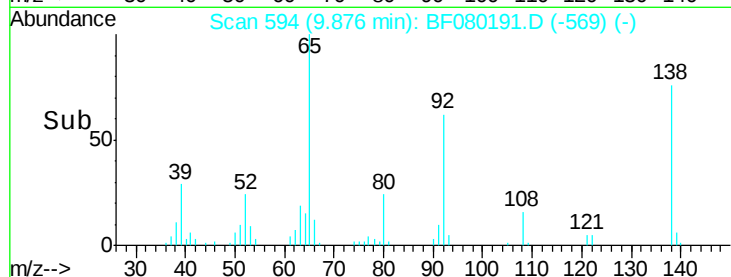
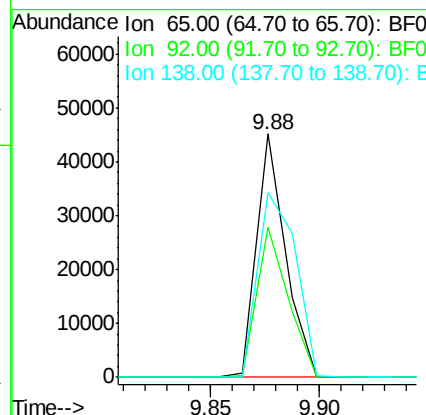
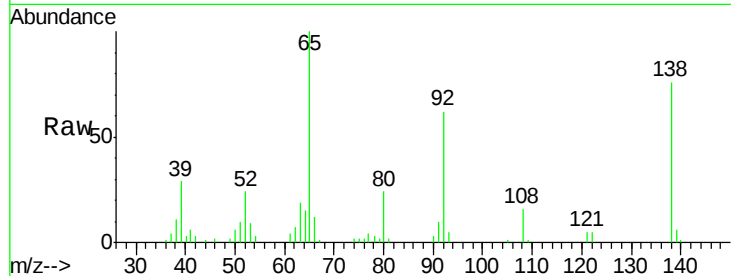
#47
2-Nitroaniline
Concen: 45.47 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.7	55.4	83.0
138	76.0	115.5	173.3#

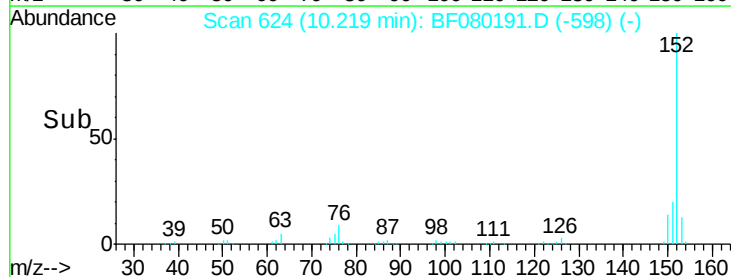
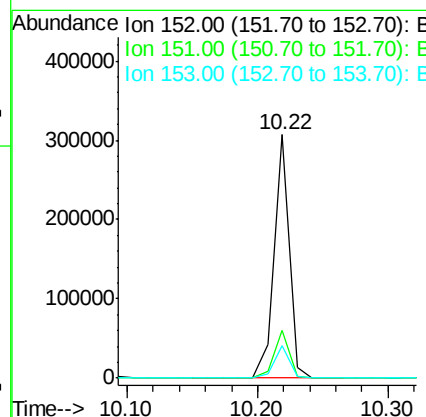
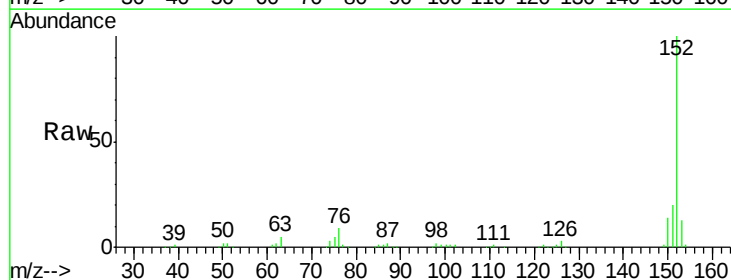
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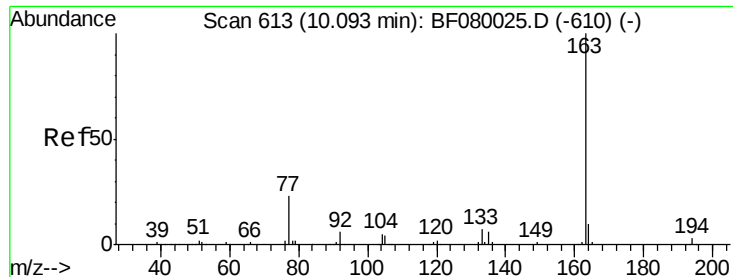
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#48
Acenaphthylene
Concen: 44.80 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

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





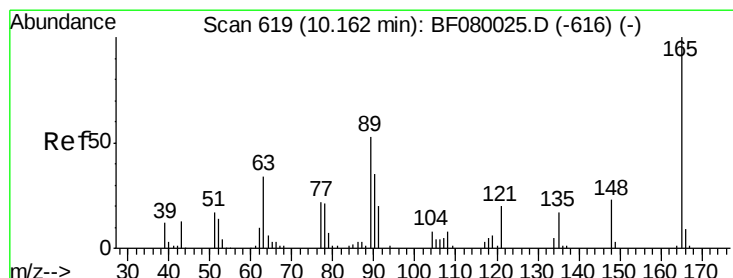
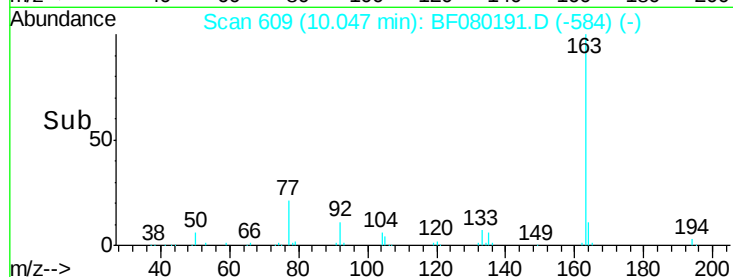
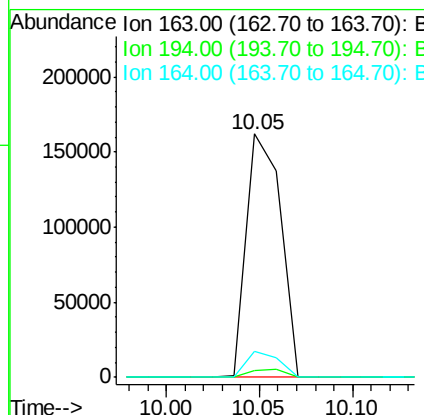
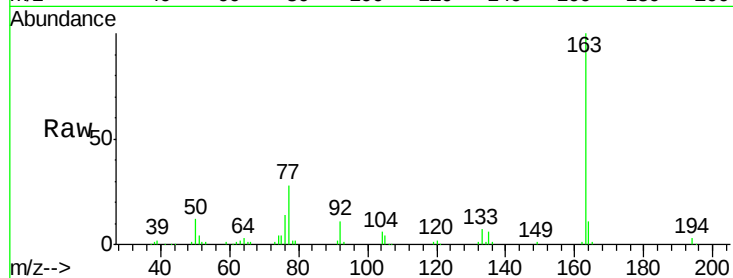
#49
Dimethylphthalate
Concen: 54.15 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	206290		
194	3.0	4.4	6.6#	
164	10.6	8.3	12.5	

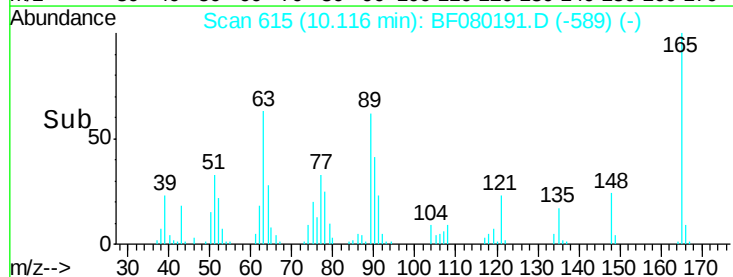
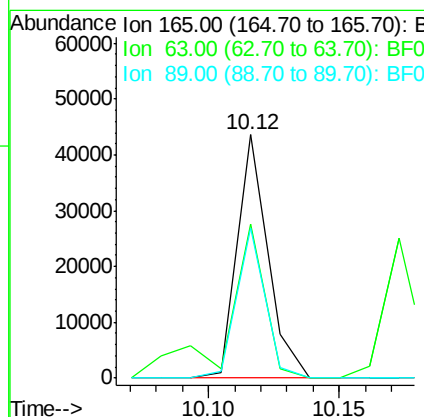
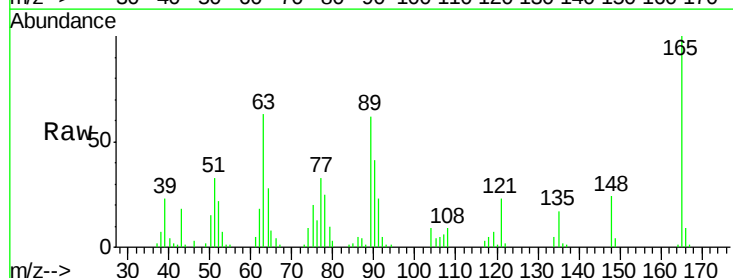
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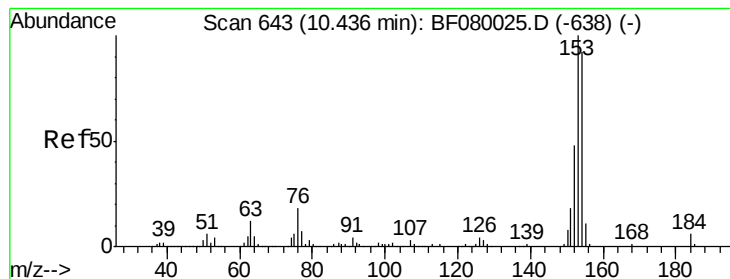
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#50
2,6-Dinitrotoluene
Concen: 46.95 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	35859		
63	63.1	32.3	48.5#	
89	61.8	28.6	43.0#	





#51

Acenaphthene

Concen: 45.55 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080191.D

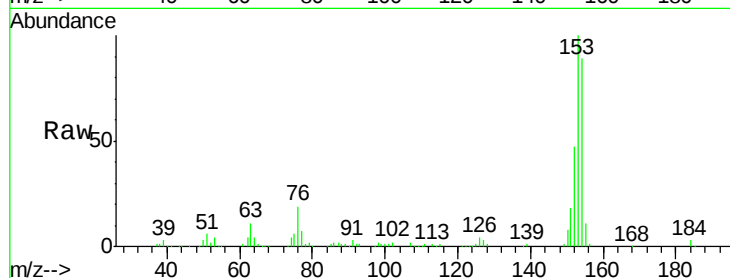
Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

ClientSampleId :

NORTHADBOTTOM-062515MSD



Tgt Ion:154 Resp: 155595

Ion Ratio Lower Upper

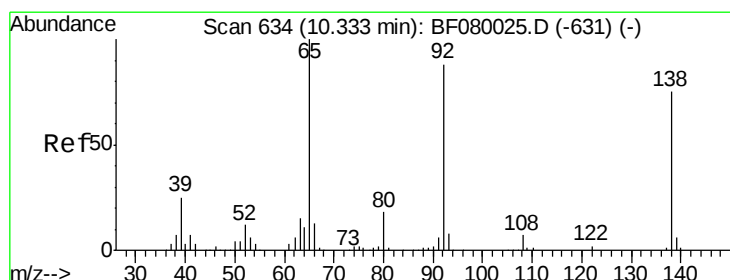
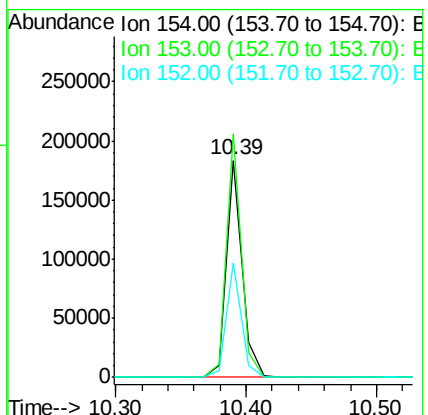
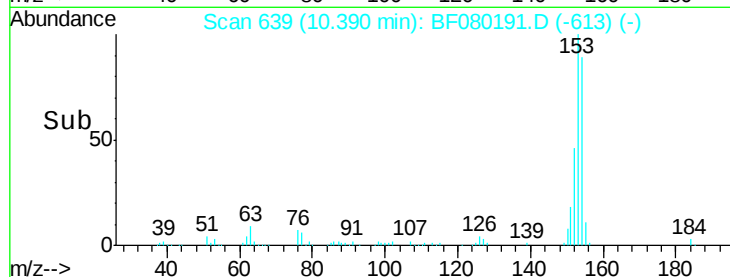
154 100

153 112.2 82.1 123.1

152 52.9 37.9 56.9

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#52

3-Nitroaniline

Concen: 45.91 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

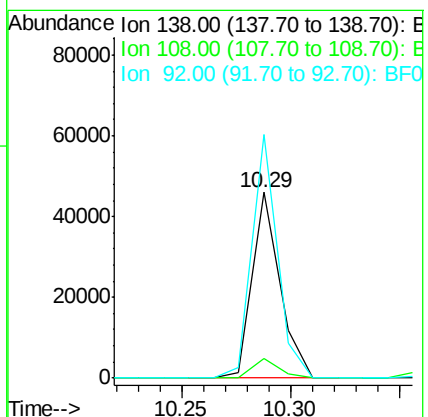
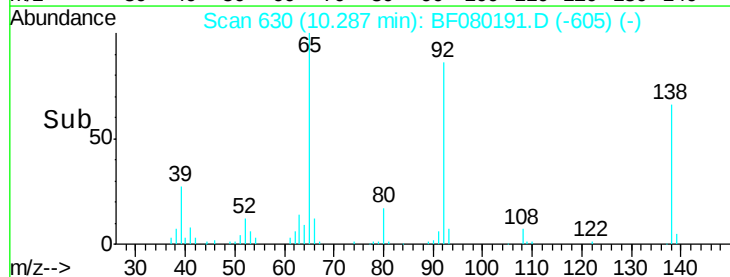
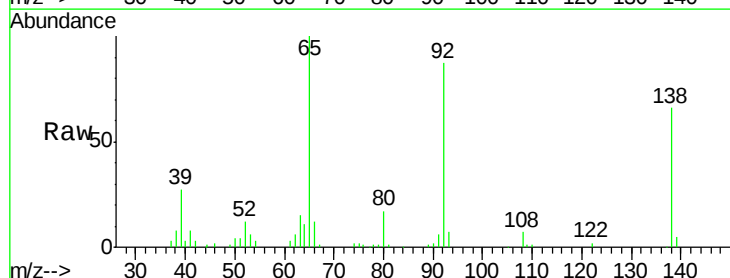
Tgt Ion:138 Resp: 40458

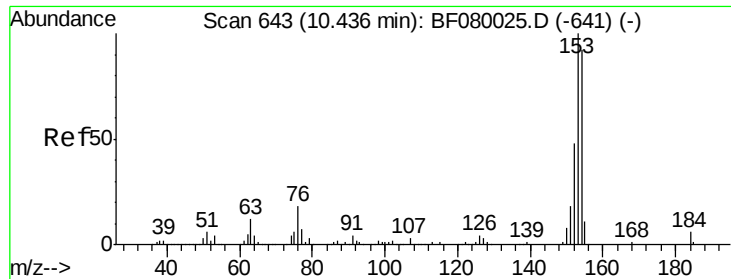
Ion Ratio Lower Upper

138 100

108 10.4 5.7 8.5#

92 131.1 67.7 101.5#





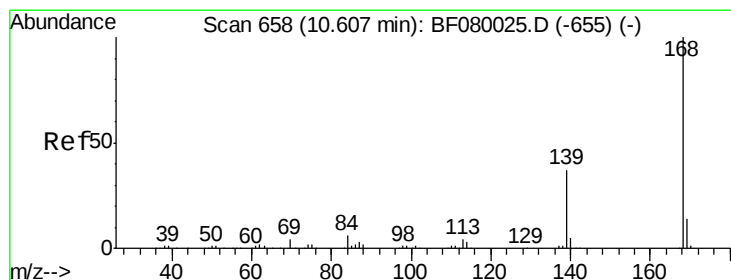
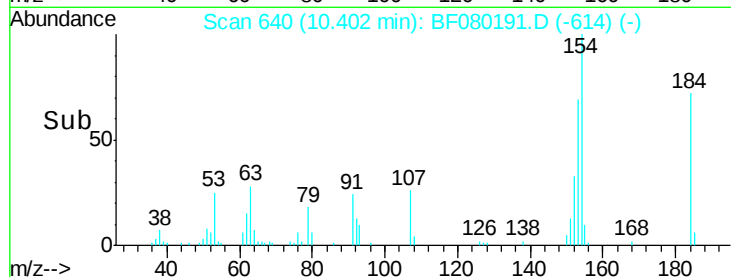
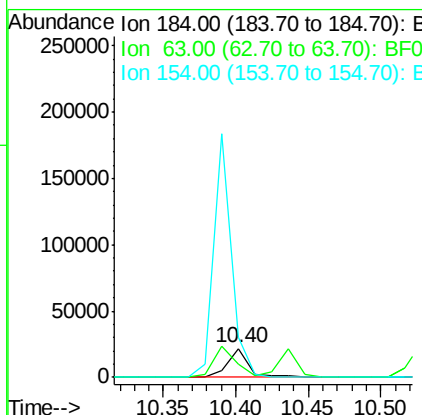
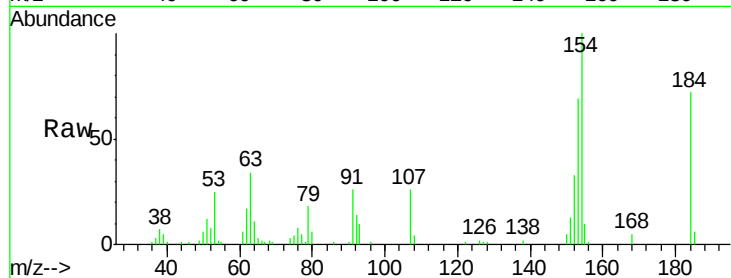
#53
 2,4-Dinitrophenol
 Concen: 71.42 ng
 RT: 10.40 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	21992		
63	47.1	35.4	53.2	
154	138.3	32.2	48.4#	

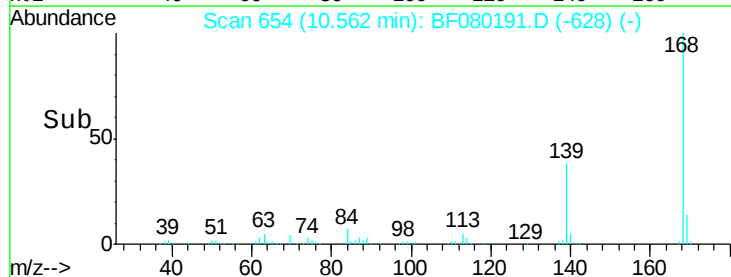
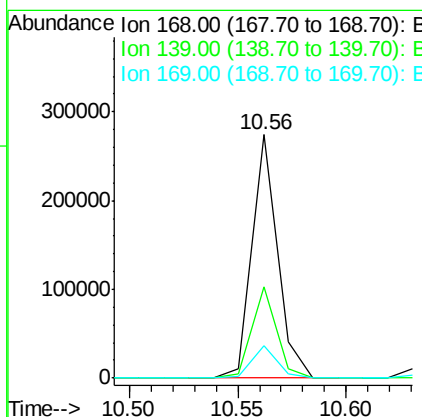
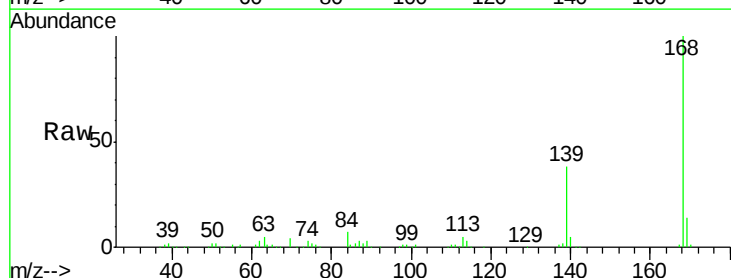
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#54
 Dibenzofuran
 Concen: 45.91 ng
 RT: 10.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	222529		
139	37.7	24.2	36.2#	
169	13.6	10.6	15.8	





#55

4-Nitrophenol

Concen: 95.91 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

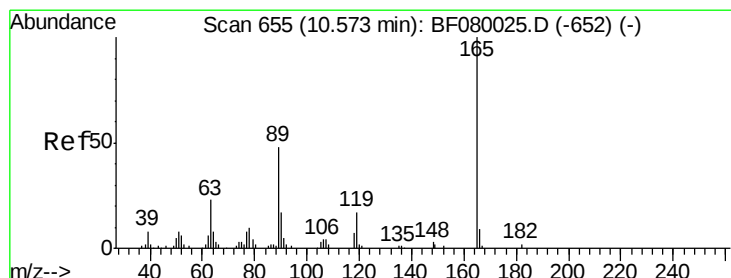
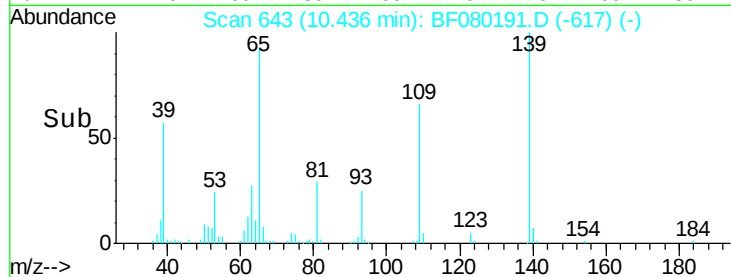
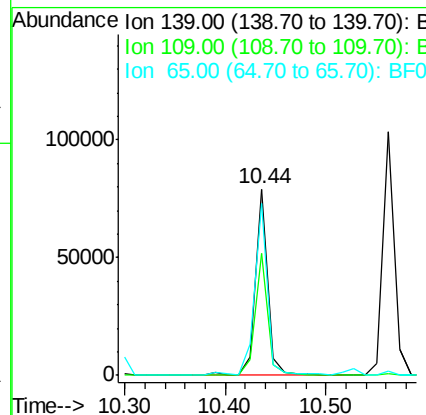
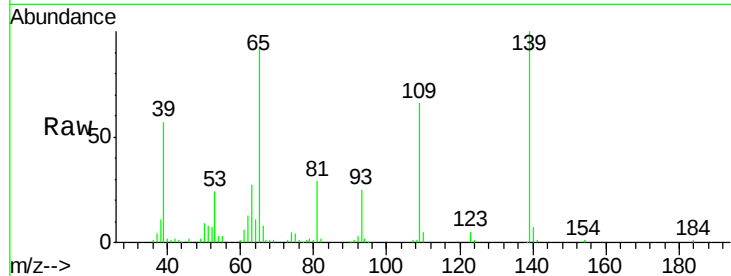
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	139	Resp:	67552
Ion Ratio	Lower	Upper	
139	100		
109	65.6	12.7	52.7#
65	92.1	45.9	85.9#

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#56

2,4-Dinitrotoluene

Concen: 53.29 ng

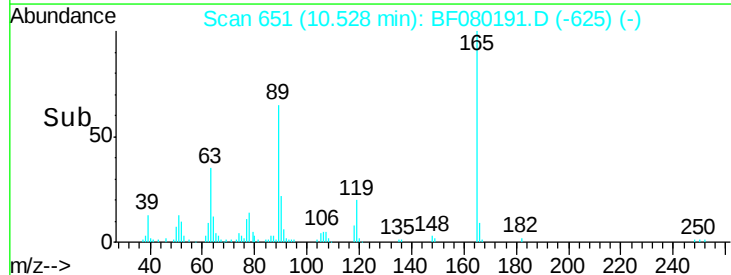
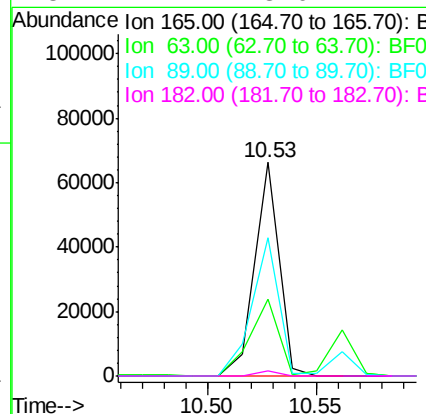
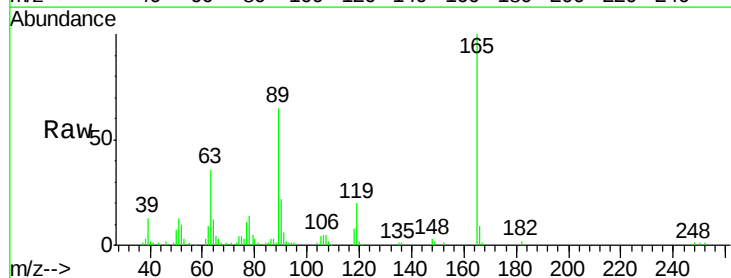
RT: 10.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF080191.D

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Tgt Ion:	165	Resp:	51650
Ion Ratio	Lower	Upper	
165	100		
63	35.9	29.8	44.6
89	64.7	44.5	66.7
182	2.2	3.0	4.4#





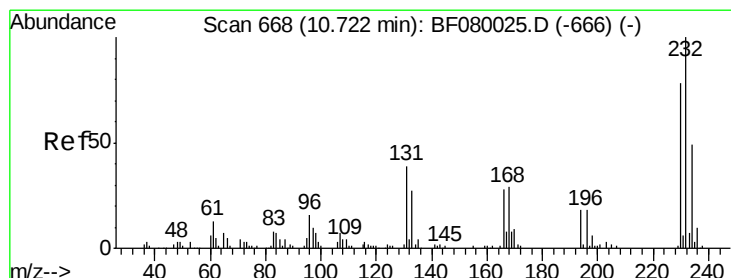
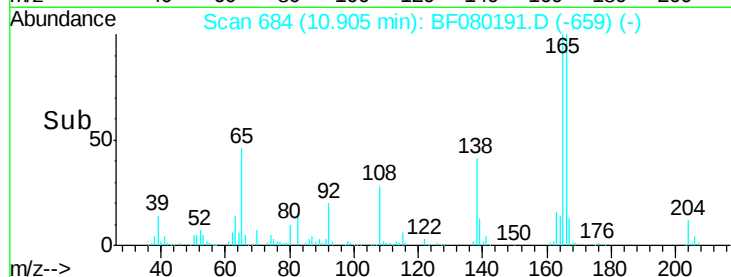
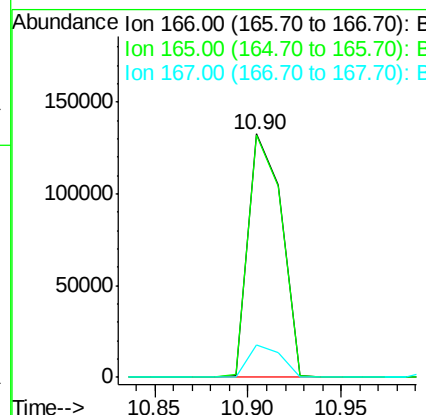
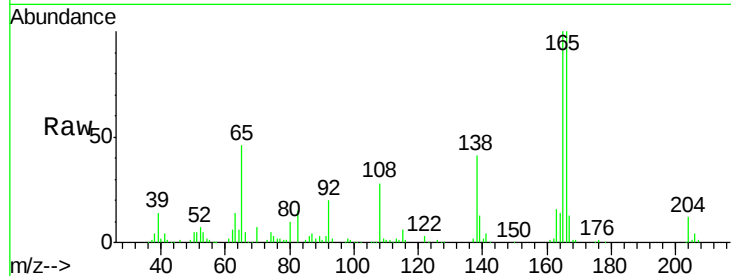
#57
 Fluorene
 Concen: 42.70 ng
 RT: 10.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	164209		
165	99.6	72.6	109.0	
167	13.4	10.6	16.0	

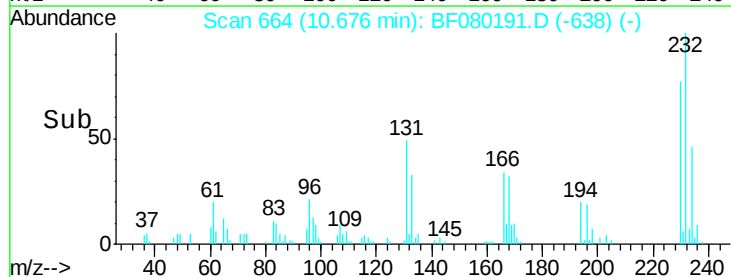
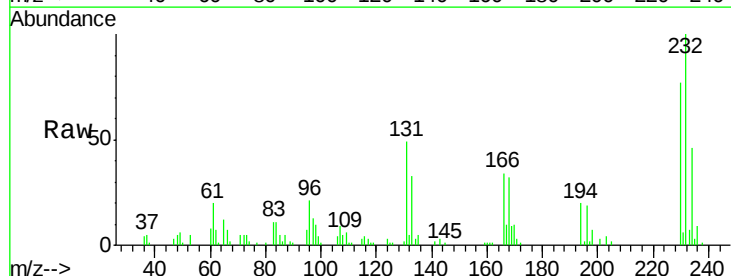
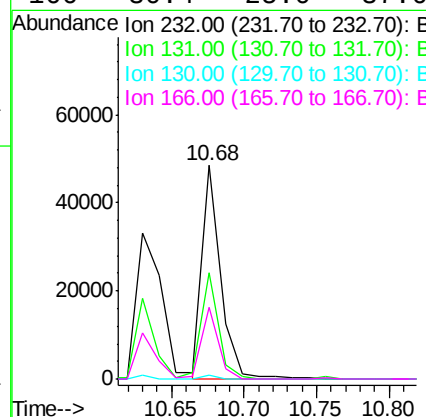
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.89 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	43810		
131	45.5	38.5	57.7	
130	1.5	1.8	2.6	
166	30.4	25.0	37.6	





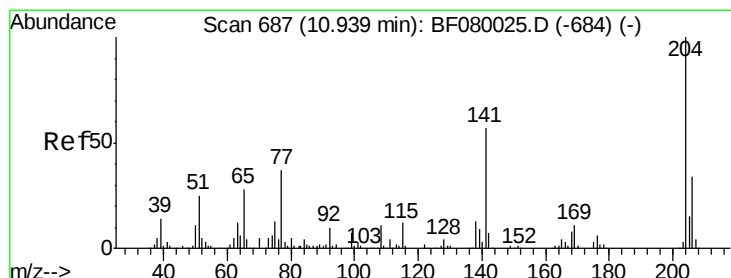
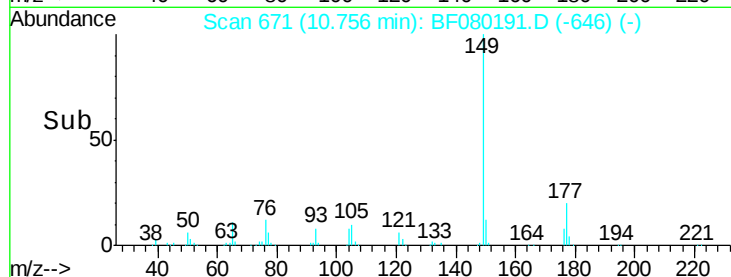
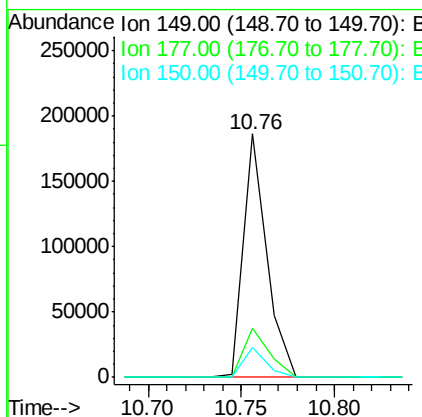
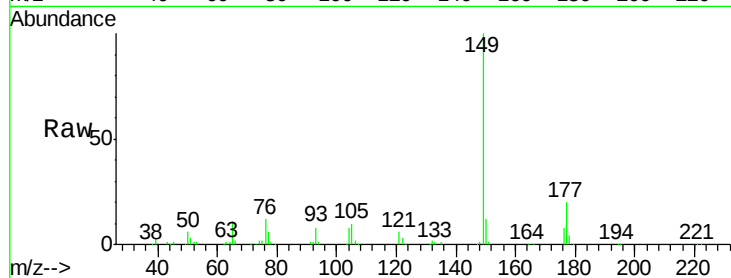
#59
Diethylphthalate
Concen: 42.34 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.2	17.5	26.3
150	12.5	9.4	14.2

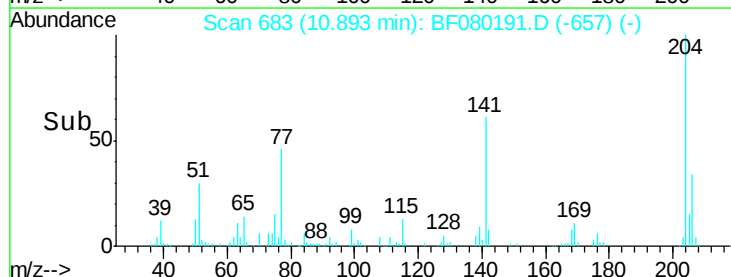
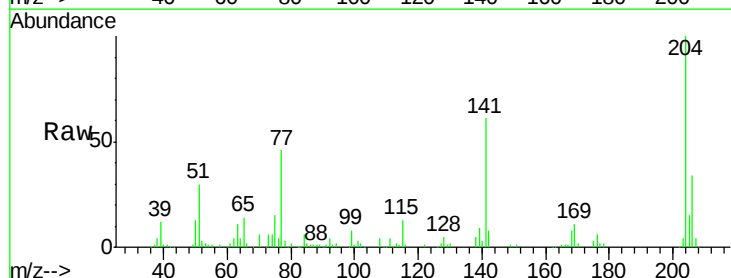
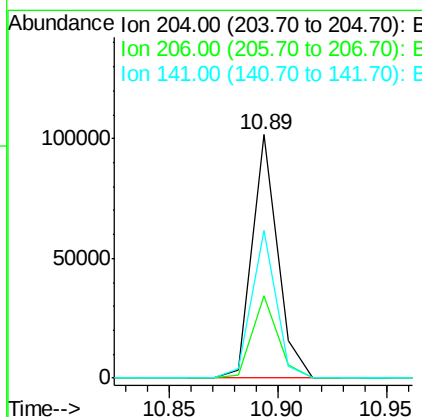
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#60
4-Chlorophenyl-phenylether
Concen: 44.87 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

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





#61

4-Nitroaniline

Concen: 48.16 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

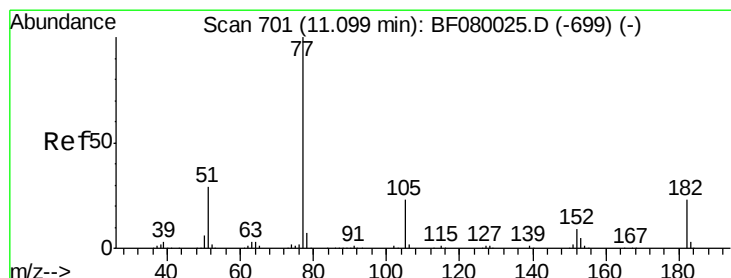
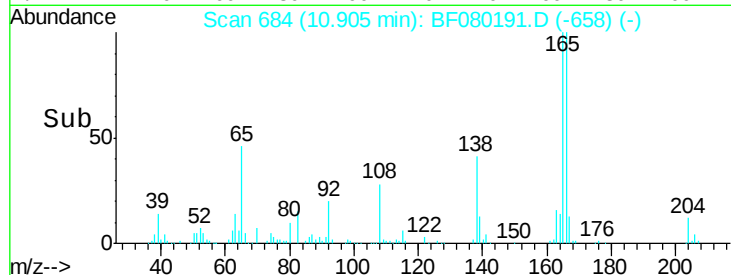
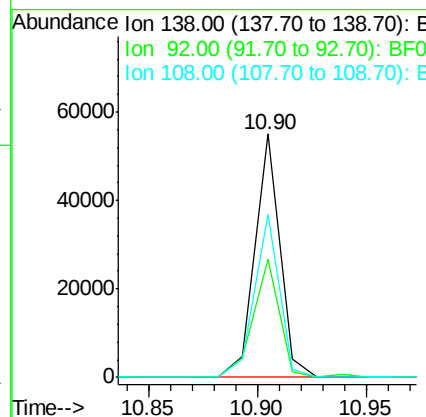
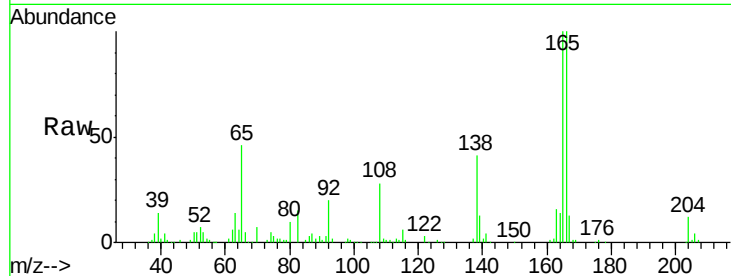
ClientSampleId :

NORTHADBOTTOM-062515MSD

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

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#62

Azobenzene

Concen: 44.78 ng

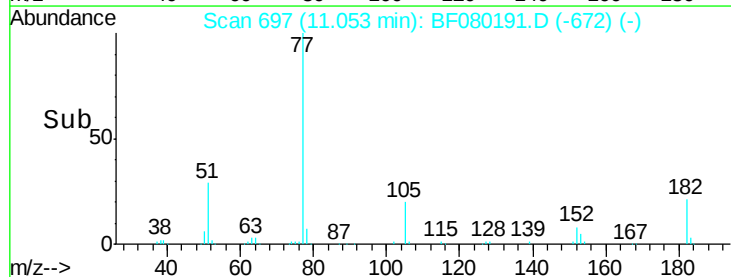
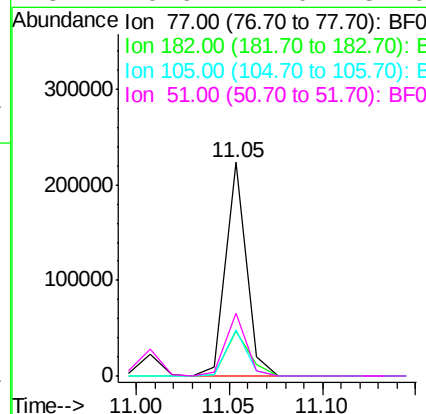
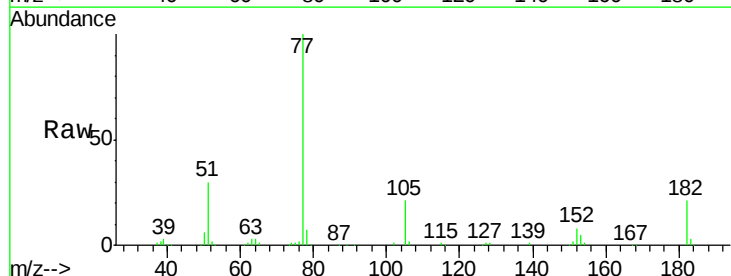
RT: 11.05 min Scan# 697

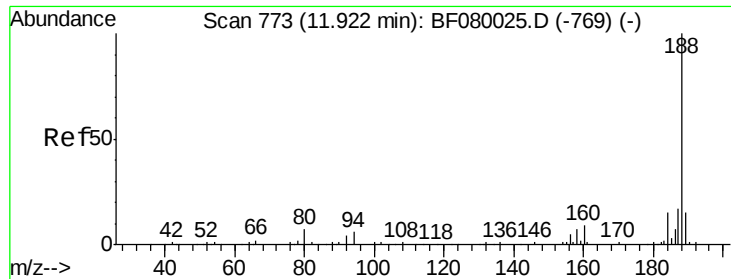
Delta R.T. -0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	77	Resp:	174846
Ion Ratio	Lower	Upper	
77	100		
182	20.8	15.1	55.1
105	21.4	3.4	43.4
51	29.6	12.0	52.0





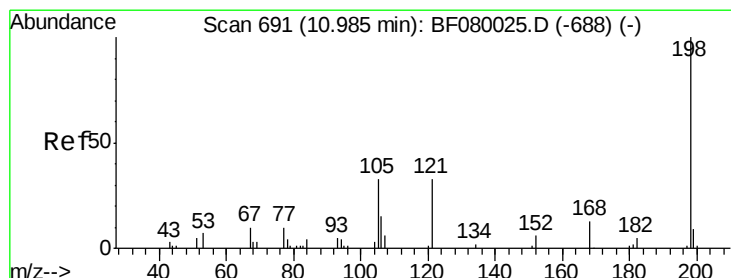
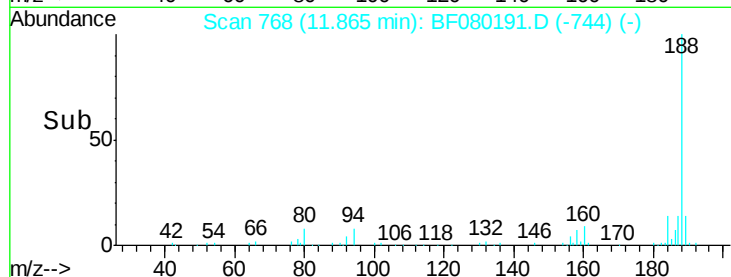
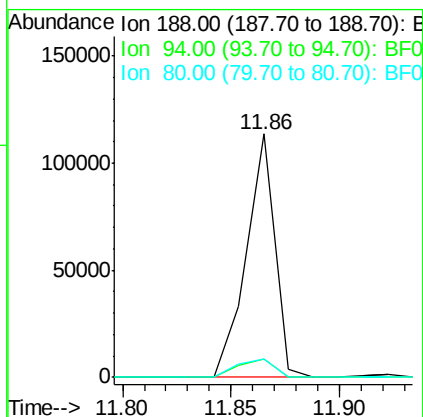
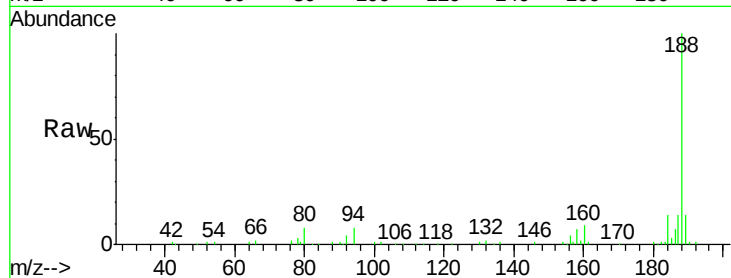
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

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

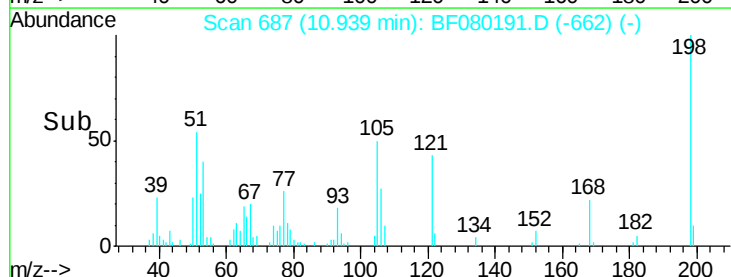
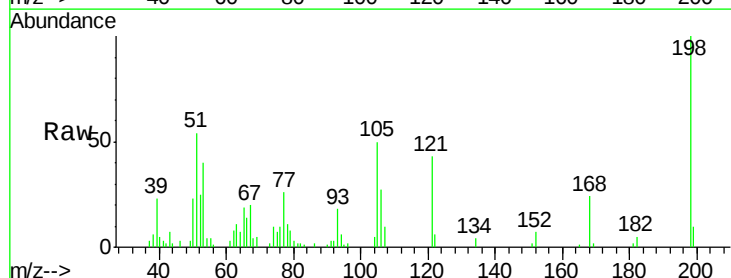
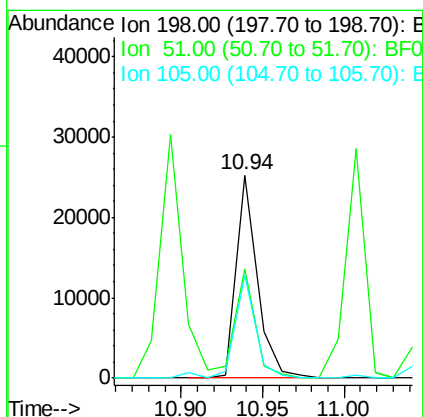
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.17 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	22323		
51	53.9	39.6	79.6	
105	50.4	28.5	68.5	





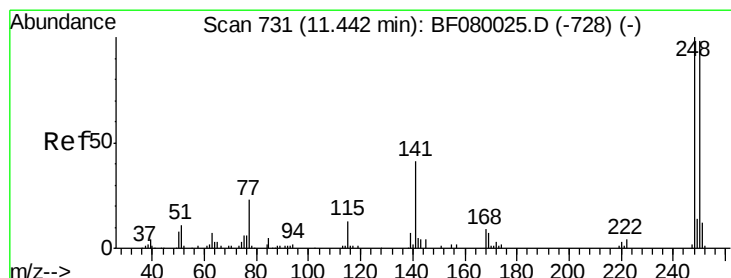
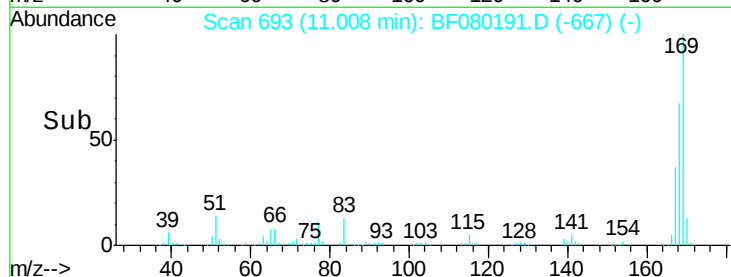
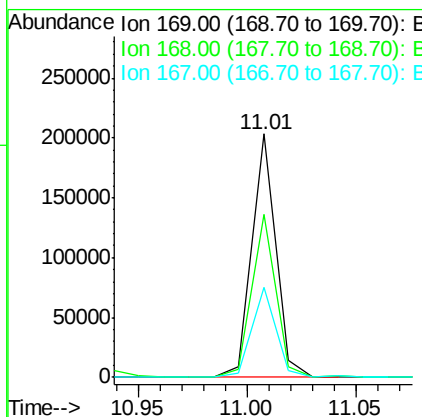
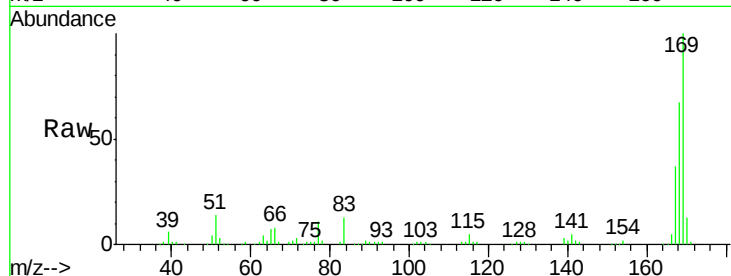
#65
 n-Nitrosodiphenylamine
 Concen: 46.27 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

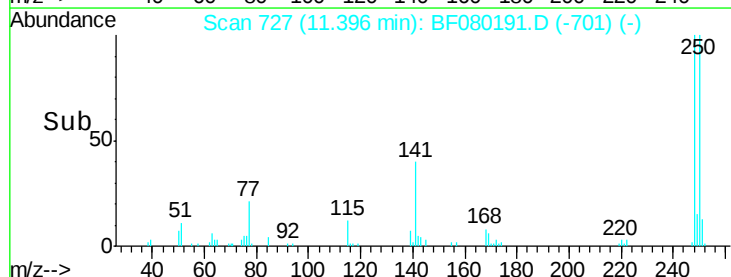
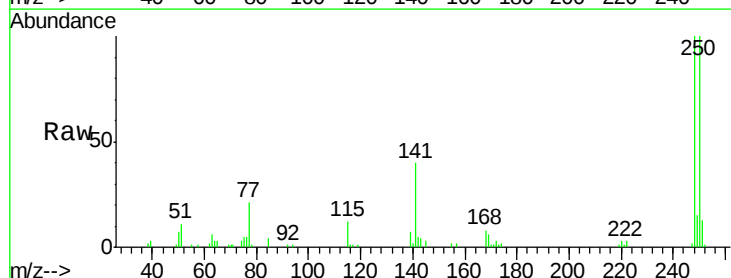
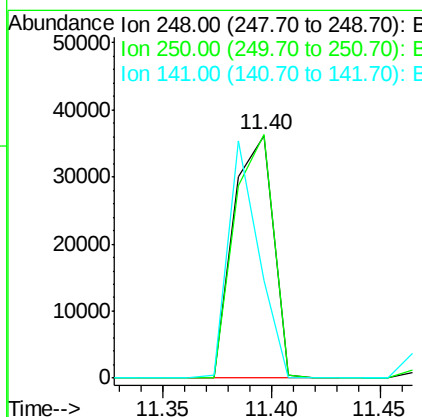
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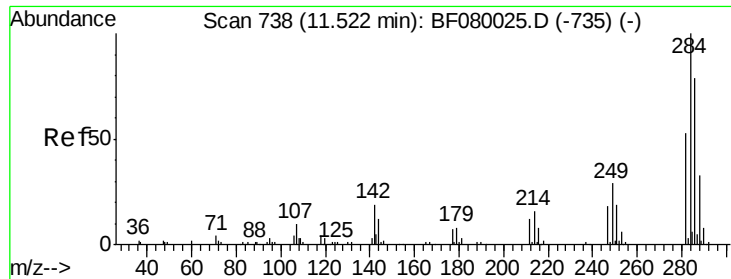
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#66
 4-Bromophenyl-phenylether
 Concen: 41.51 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	45674		
250	100.4	78.5	117.7	
141	40.4	59.0	88.6	





#67

Hexachlorobenzene

Concen: 41.64 ng

RT: 11.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

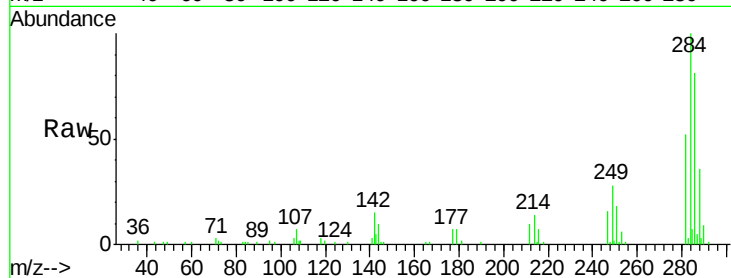
ClientSampleId :

NORTHADBOTTOM-062515MSD

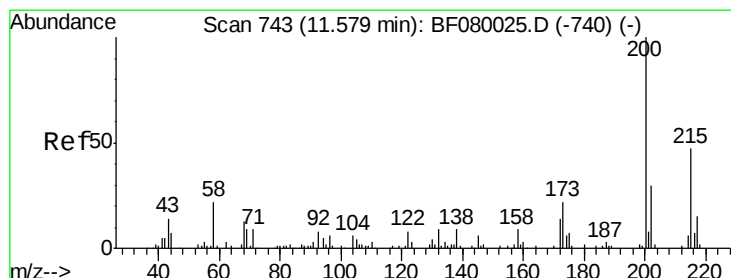
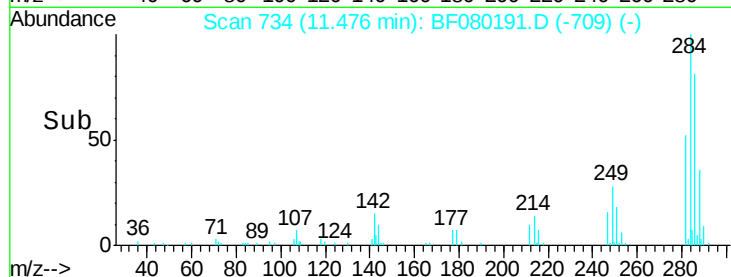
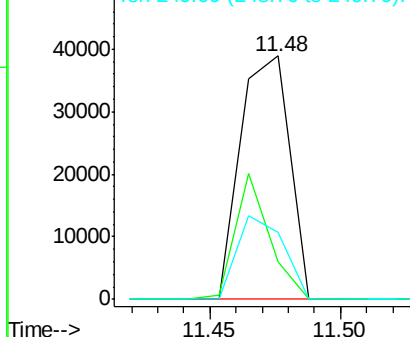
Tgt Ion:	284	Resp:	50919
Ion Ratio	Lower	Upper	
284	100		
142	15.2	29.5	44.3#
249	27.6	19.5	29.3

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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: 40.49 ng

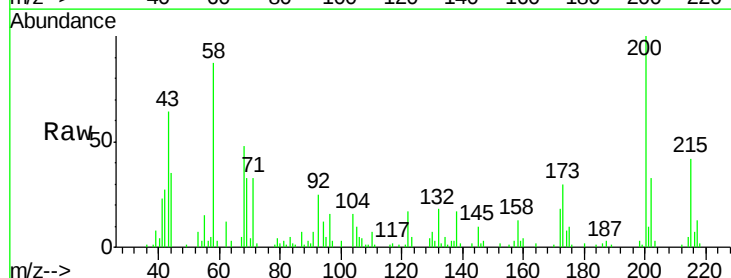
RT: 11.52 min Scan# 738

Delta R.T. -0.02 min

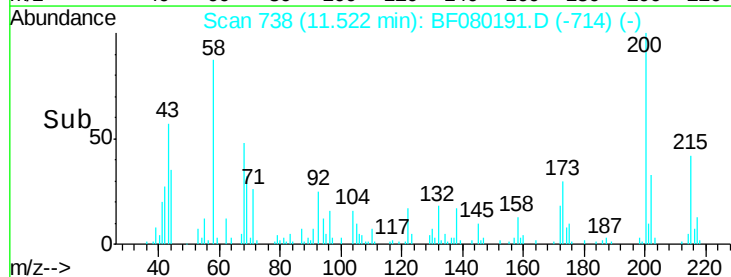
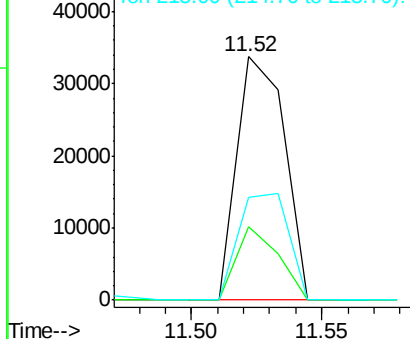
Lab File: BF080191.D

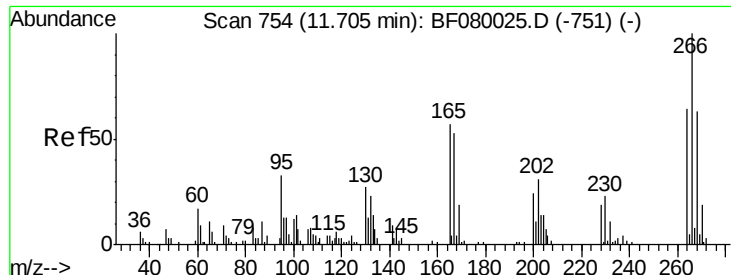
Acq: 26 Jun 2015 16:04

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



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





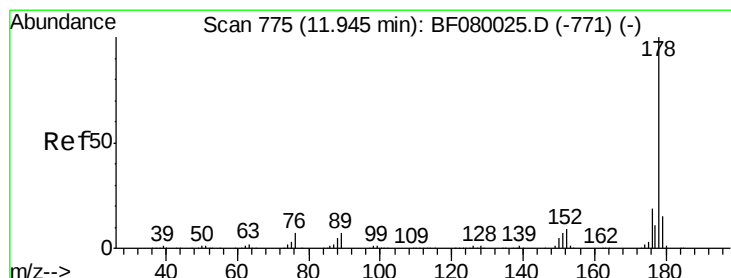
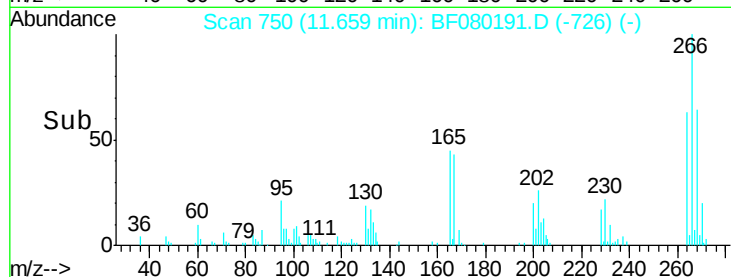
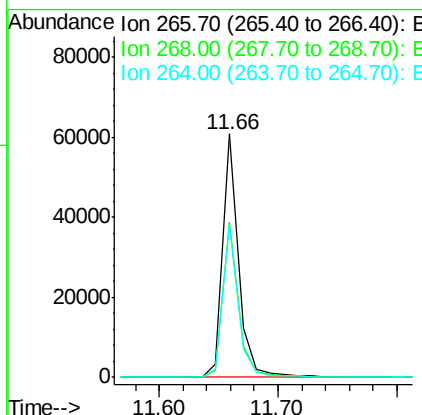
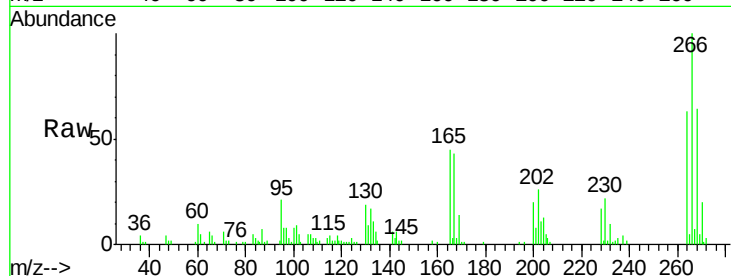
#69
 Pentachlorophenol
 Concen: 80.00 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

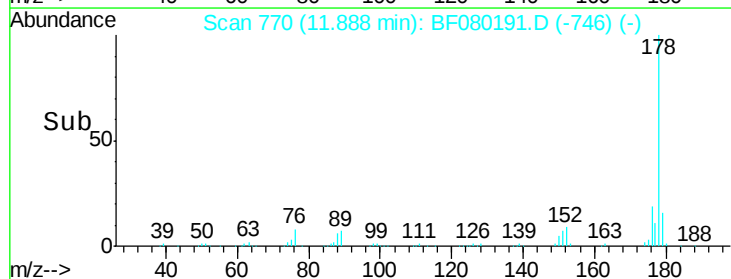
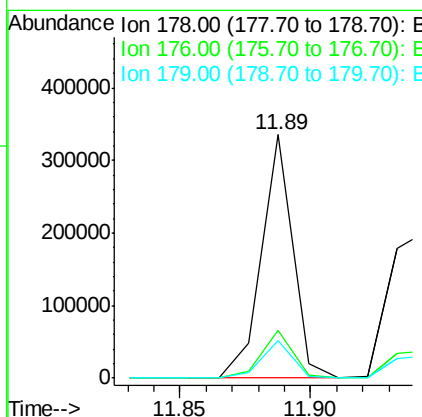
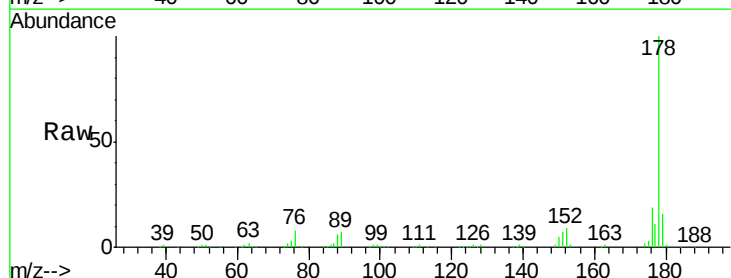
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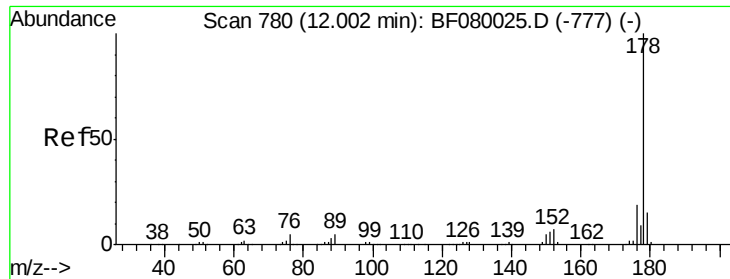
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#70
 Phenanthrene
 Concen: 44.23 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	277097		
176	19.4		13.8	20.8
179	15.5		12.2	18.2





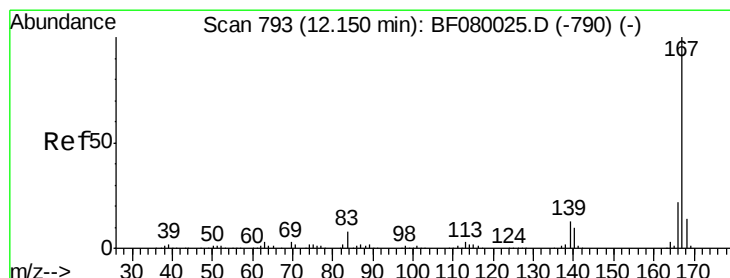
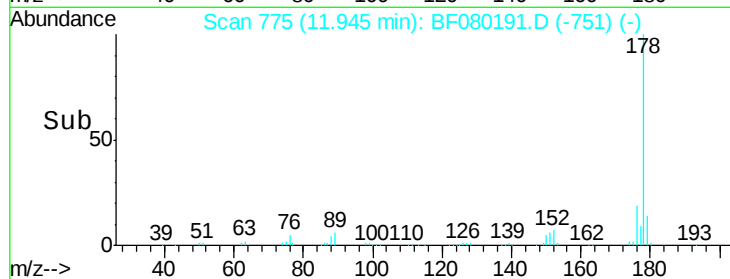
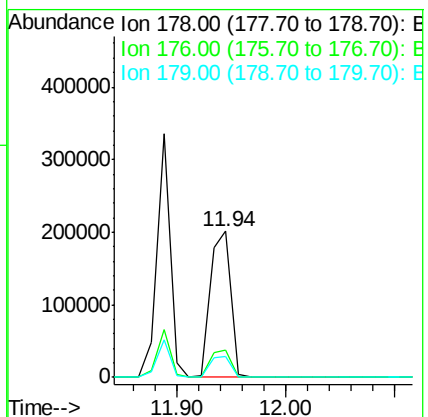
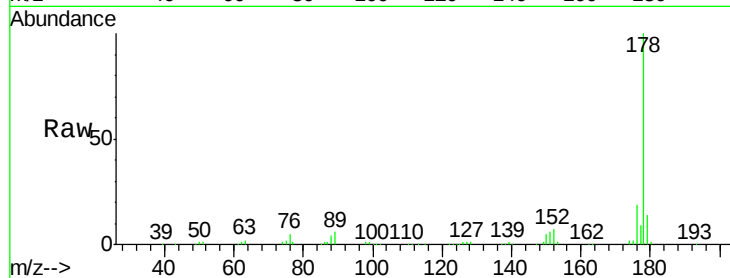
#71
 Anthracene
 Concen: 44.41 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	14.4	12.2	18.2

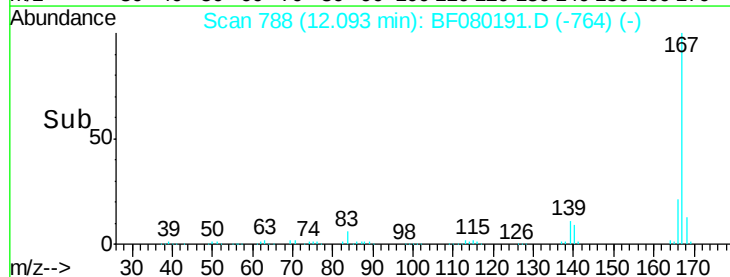
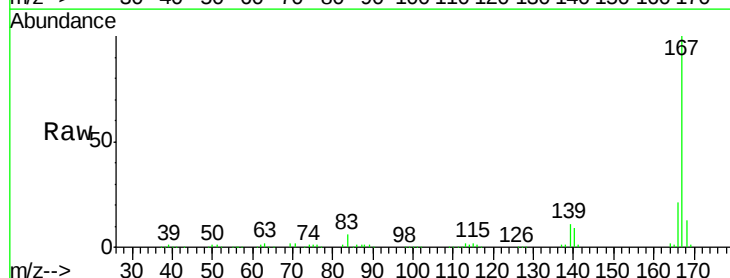
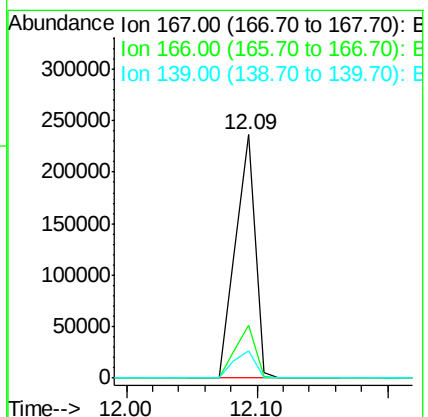
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#72
 Carbazole
 Concen: 42.74 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

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





#73

Di-n-butylphthalate

Concen: 38.85 ng

RT: 12.41 min Scan# 816

Delta R.T. -0.06 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

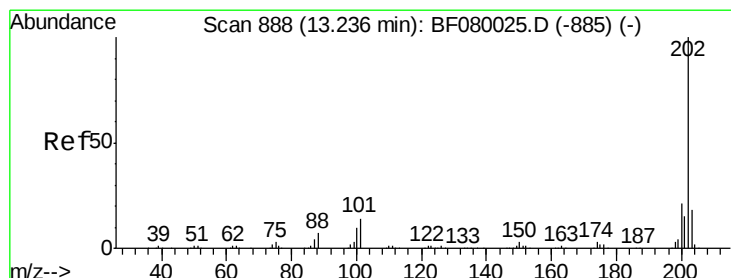
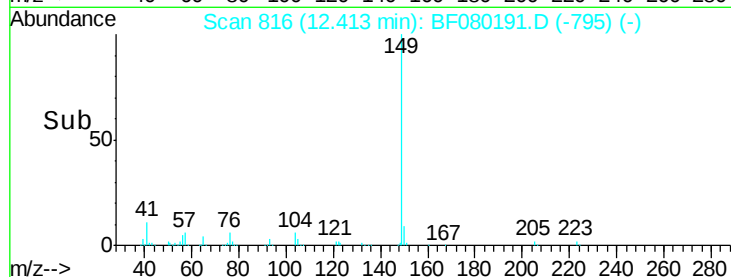
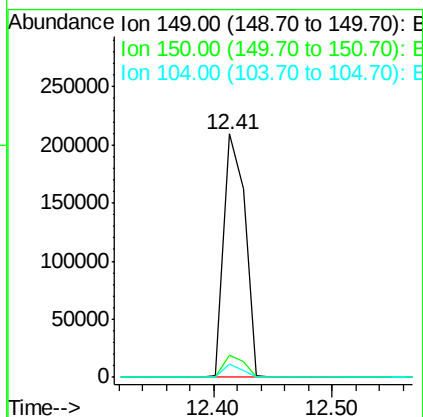
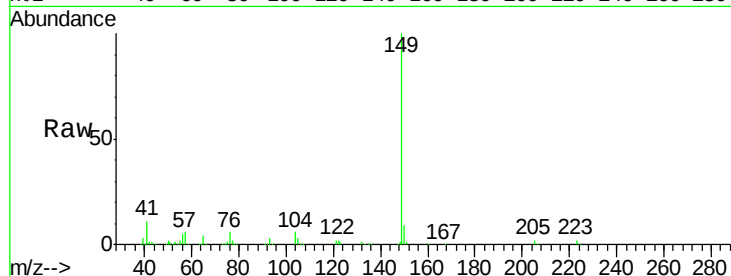
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	149	Resp:	258456
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	5.5	2.4	3.6

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#74

Fluoranthene

Concen: 44.11 ng

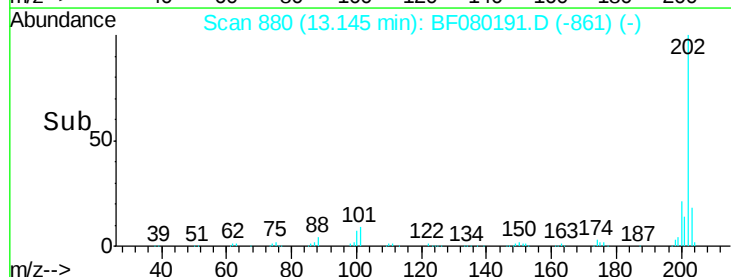
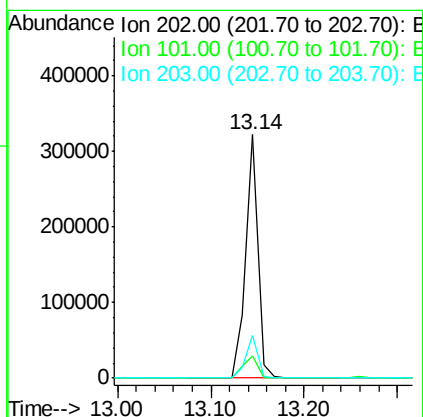
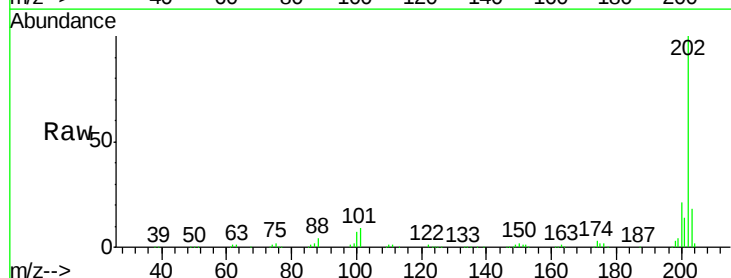
RT: 13.14 min Scan# 880

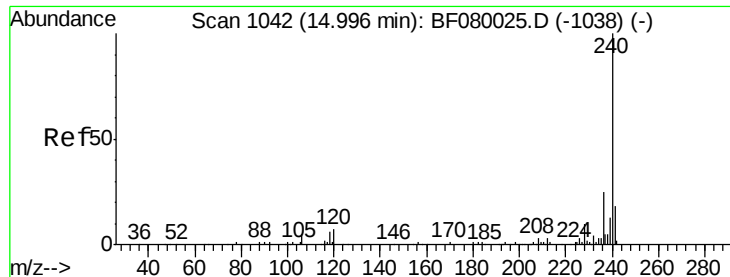
Delta R.T. -0.08 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	202	Resp:	294260
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	38.3
203	17.5	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.22 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

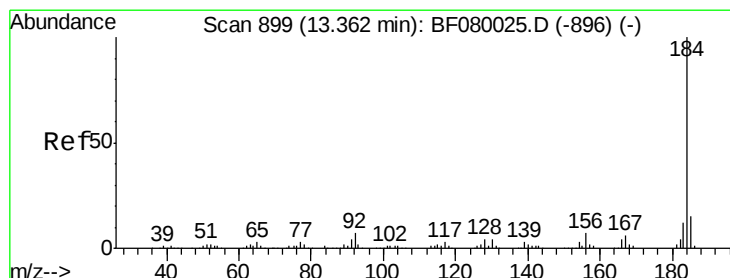
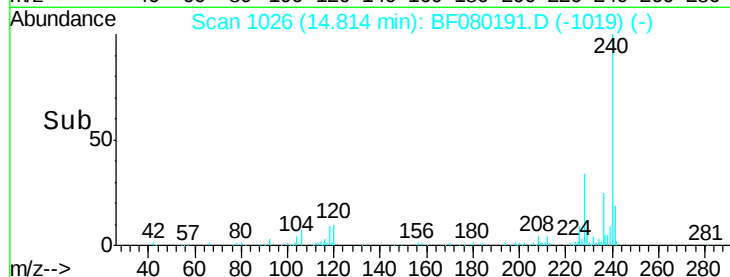
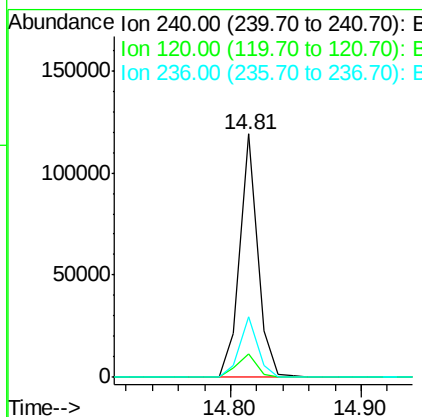
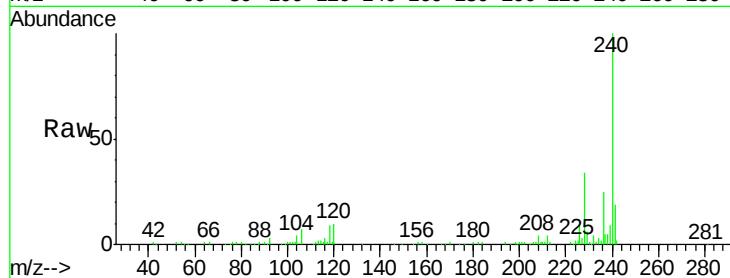
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	240	Resp:	113919
Ion Ratio	Lower	Upper	
240	100		
120	9.7	16.2	24.2#
236	24.8	18.4	27.6

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#76

Benzidine

Concen: 83.36 ng

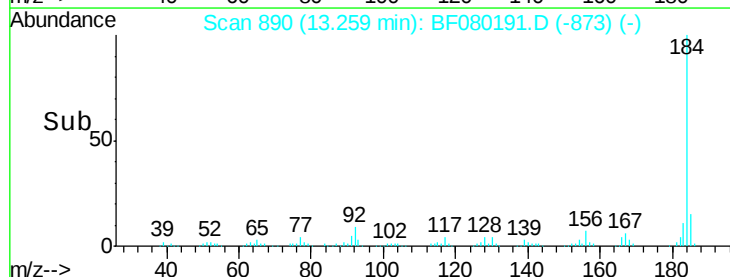
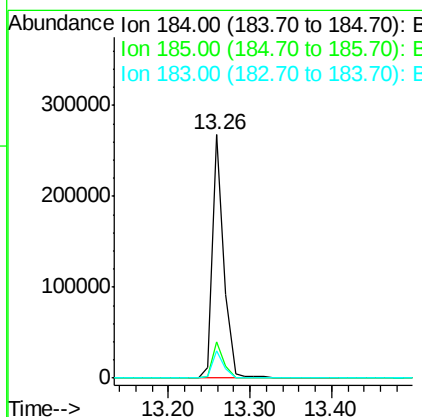
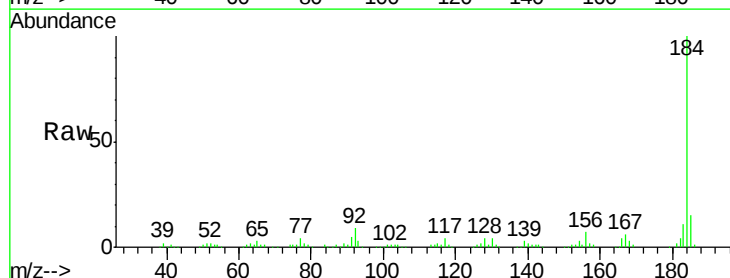
RT: 13.26 min Scan# 890

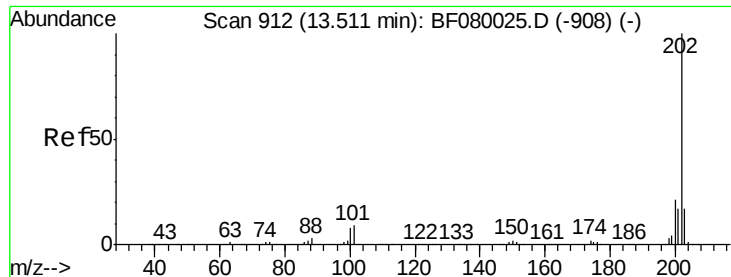
Delta R.T. -0.10 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	184	Resp:	265456
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.6
183	11.2	7.6	11.4





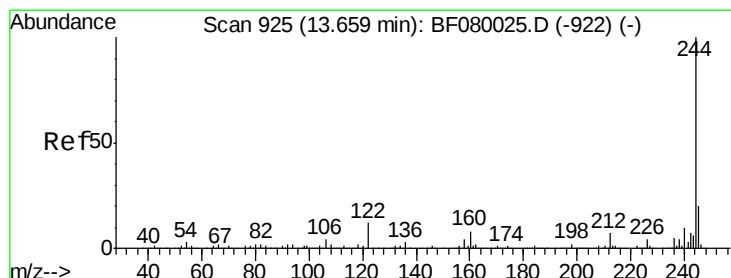
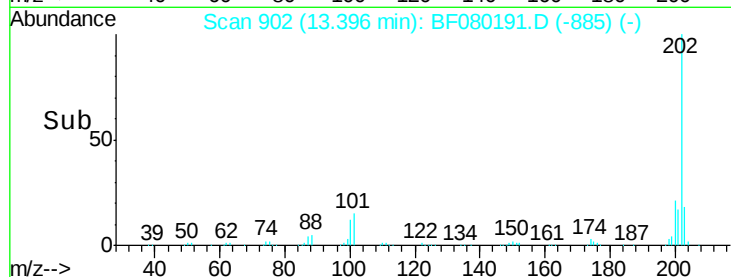
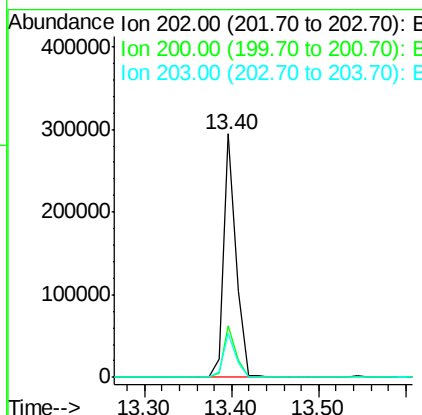
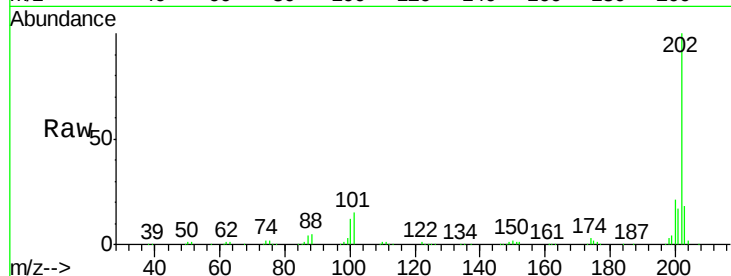
#77
 Pyrene
 Concen: 42.07 ng
 RT: 13.40 min Scan# 902
 Delta R.T. -0.10 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

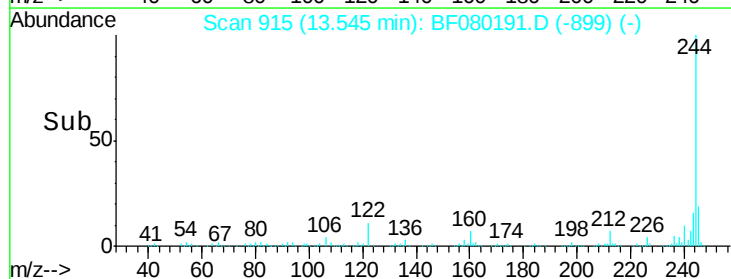
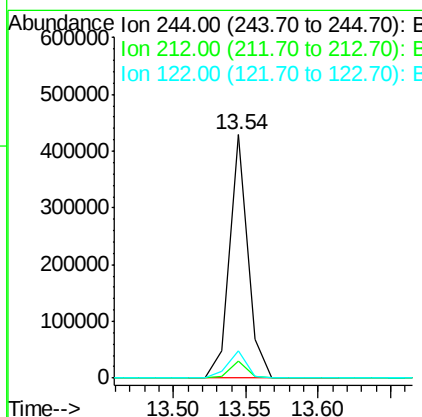
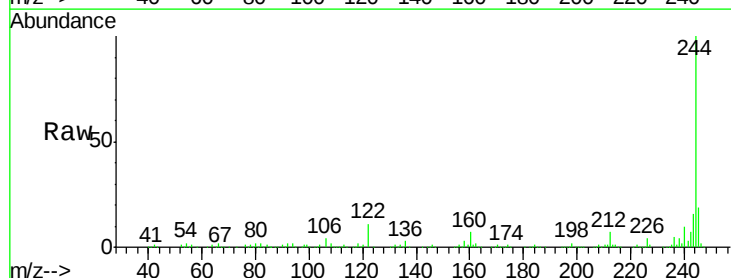
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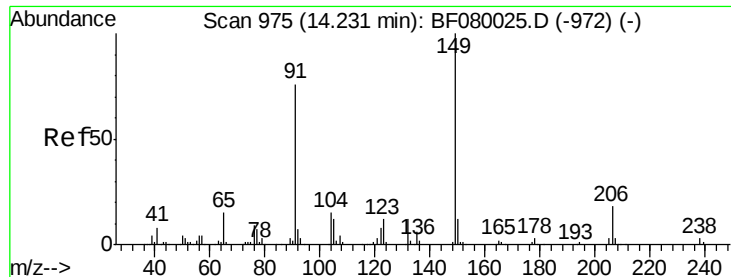
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#78
 Terphenyl-d14
 Concen: 77.16 ng
 RT: 13.54 min Scan# 915
 Delta R.T. -0.11 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	4.3	6.5#
122	11.1	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 43.67 ng

RT: 14.09 min Scan# 963

Delta R.T. -0.16 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

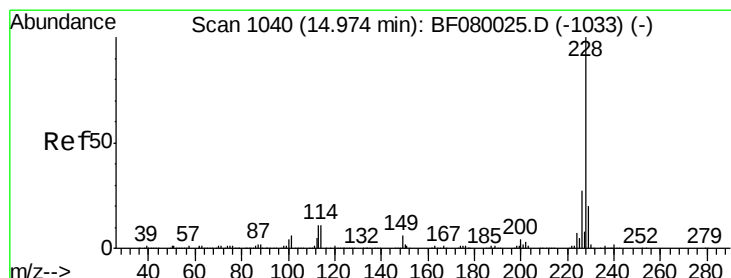
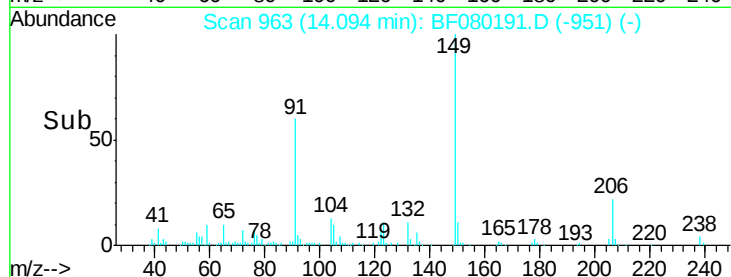
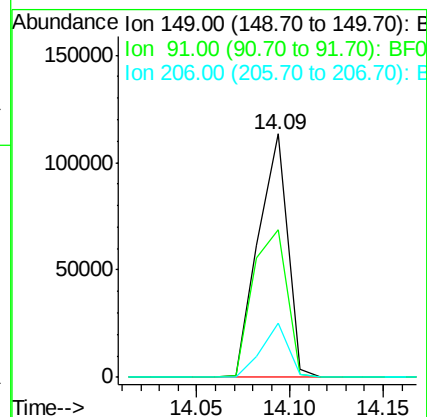
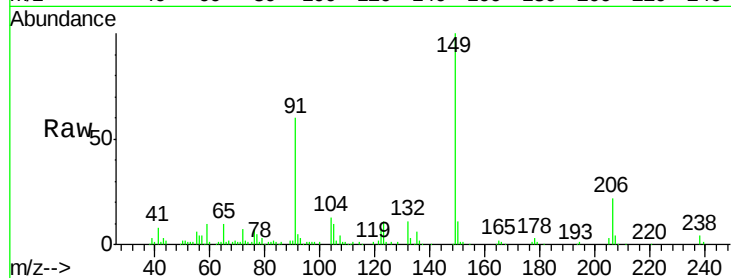
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion:	149	Resp:	123009
Ion Ratio	Lower	Upper	
149	100		
91	60.5	48.6	72.8
206	22.0	14.9	22.3

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#80

Benzo(a)anthracene

Concen: 43.34 ng

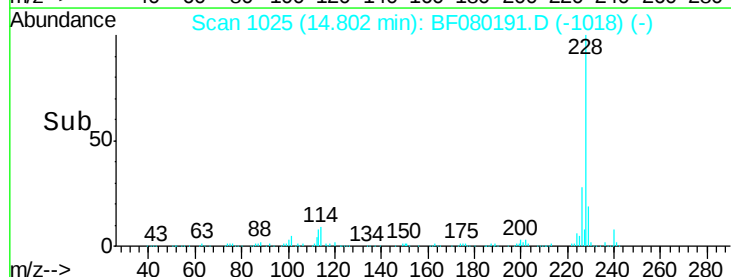
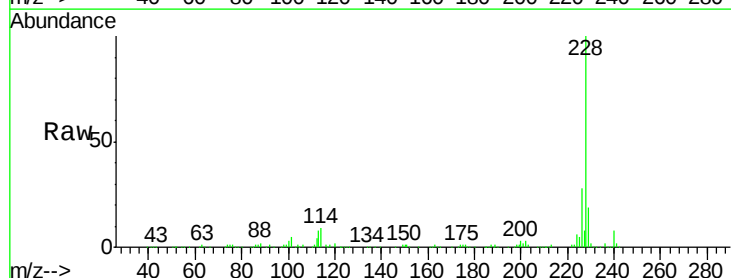
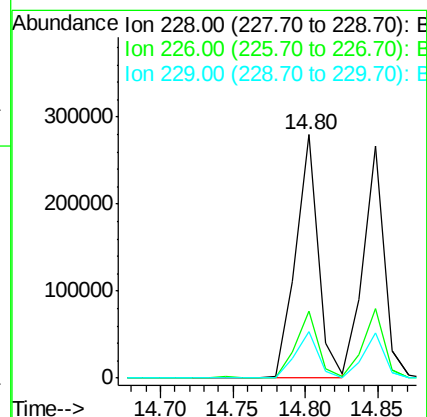
RT: 14.80 min Scan# 1025

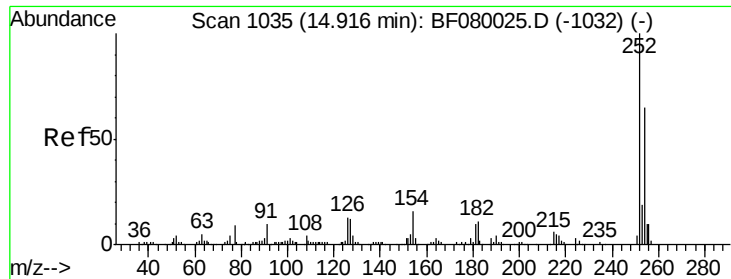
Delta R.T. -0.22 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt Ion:	228	Resp:	300770
Ion Ratio	Lower	Upper	
228	100		
226	27.6	20.0	30.0
229	19.2	15.4	23.2





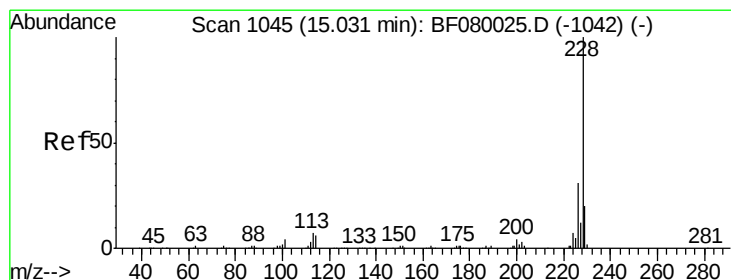
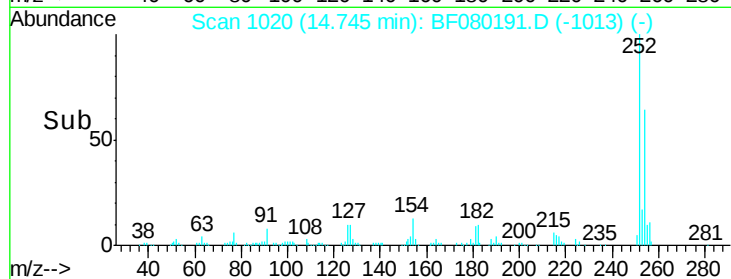
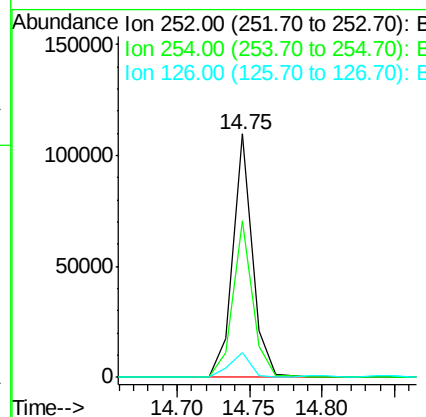
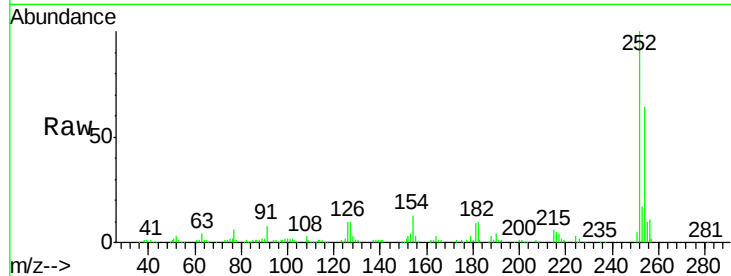
#81
 3,3'-Dichlorobenzidine
 Concen: 43.18 ng
 RT: 14.75 min Scan# 1020
 Delta R.T. -0.22 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

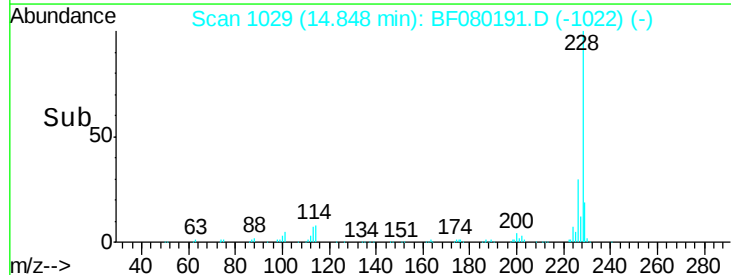
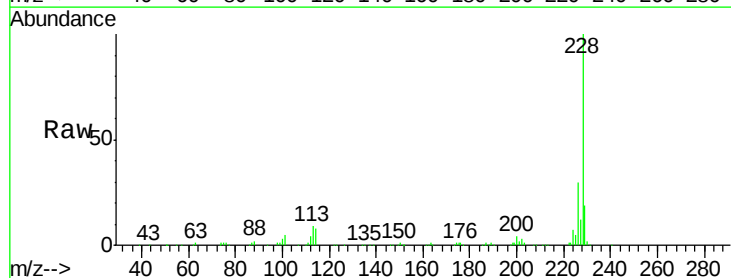
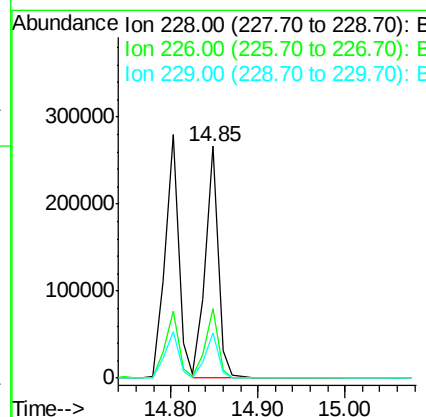
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#82
 Chrysene
 Concen: 42.63 ng
 RT: 14.85 min Scan# 1029
 Delta R.T. -0.22 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	21.0	31.4
229	19.3	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.26 ng

RT: 14.78 min Scan# 1023

Delta R.T. -0.23 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

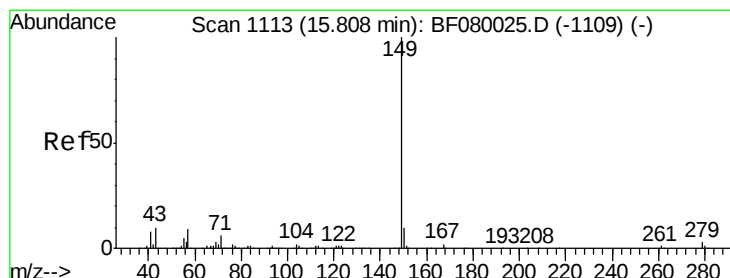
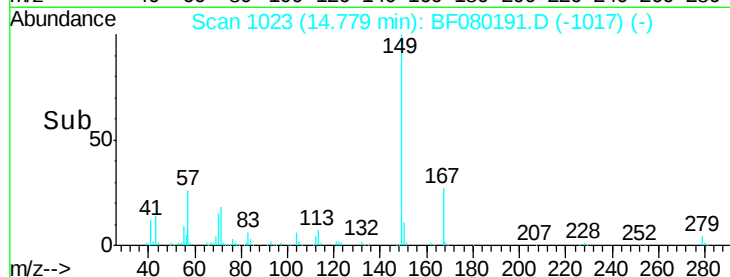
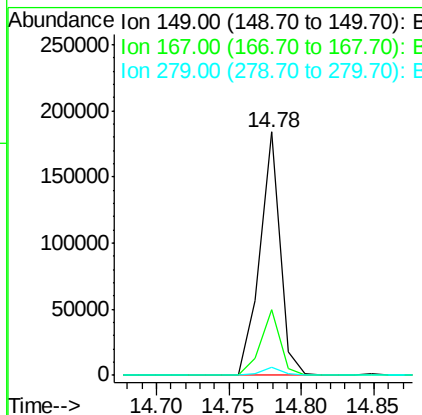
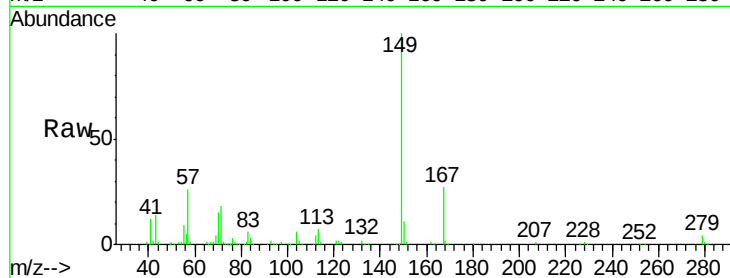
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt	Ion:149	Resp:	179229
Ion	Ratio	Lower	Upper
149	100		
167	27.0	24.2	36.2
279	3.5	3.8	5.6#

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#84

Di-n-octyl phthalate

Concen: 39.05 ng

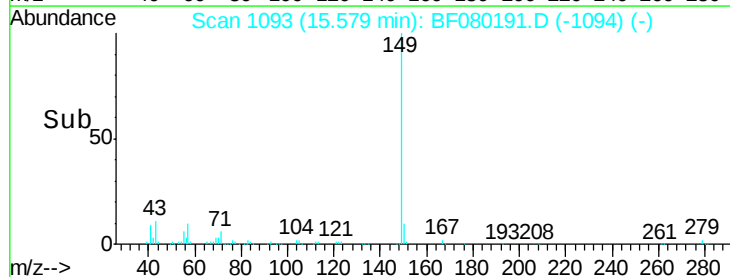
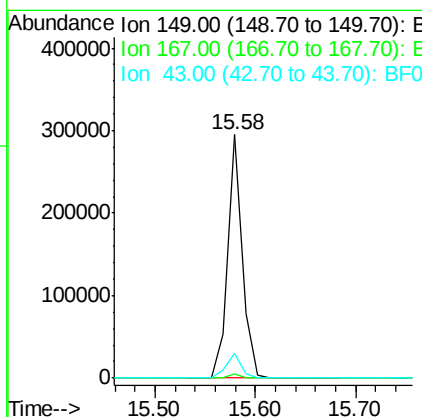
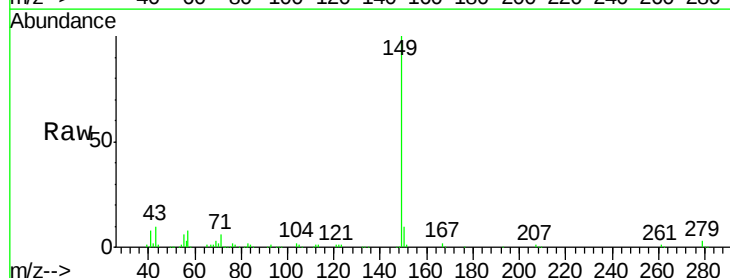
RT: 15.58 min Scan# 1093

Delta R.T. -0.31 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Tgt	Ion:149	Resp:	297883
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	11.2	10.2	15.2





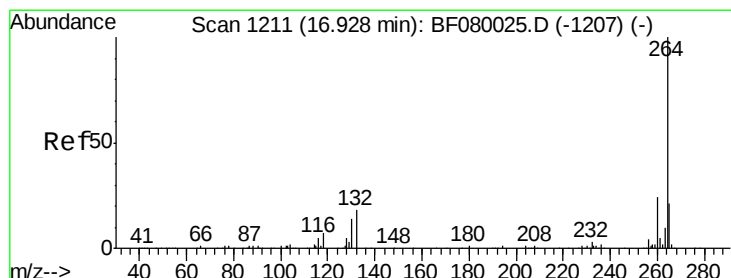
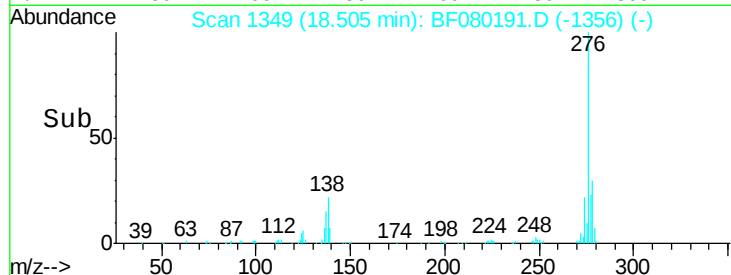
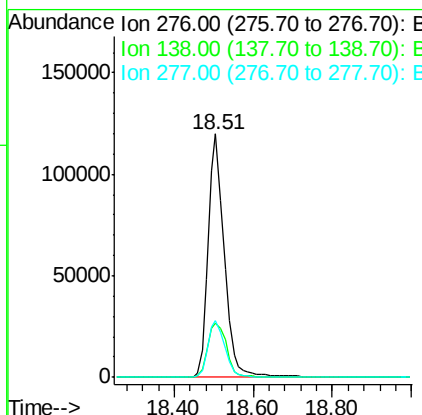
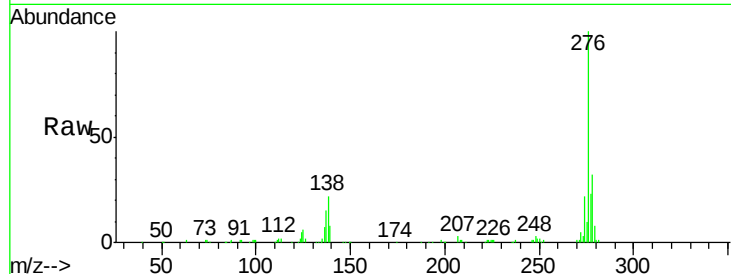
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.65 ng
 RT: 18.51 min Scan# 1349
 Delta R.T. -0.38 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.7	38.5
277	24.6	15.6	23.4

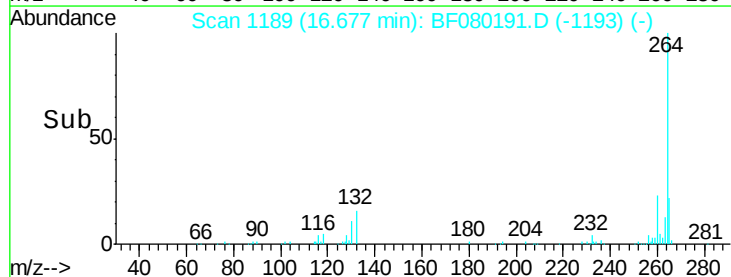
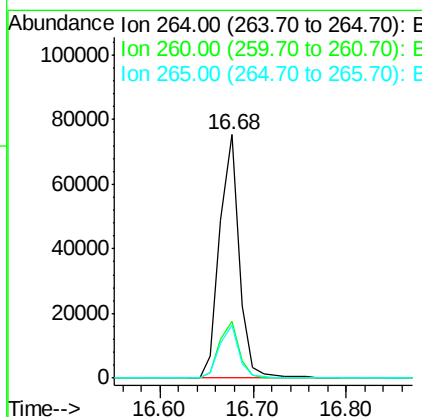
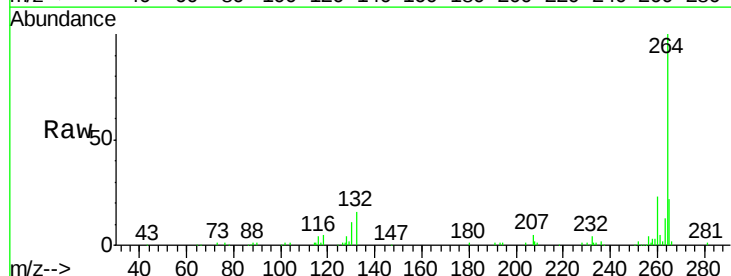
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.68 min Scan# 1189
 Delta R.T. -0.34 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 47.24 ng

RT: 16.14 min Scan# 1142

Delta R.T. -0.34 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

Instrument :

BNA_F

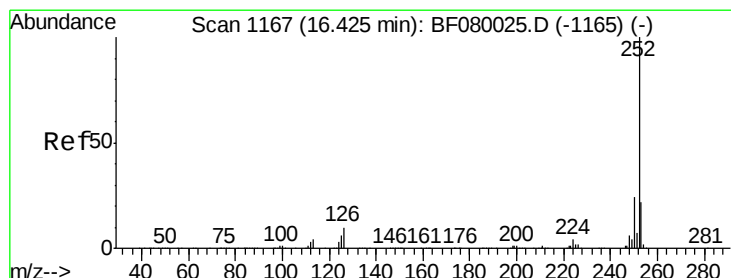
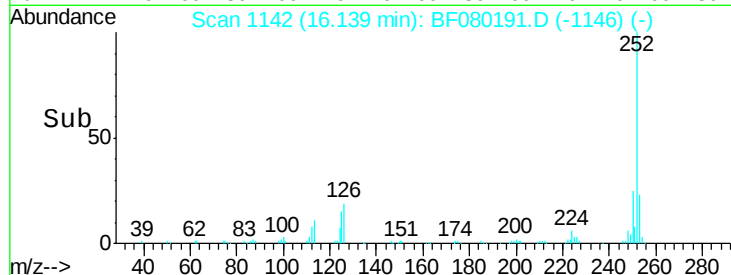
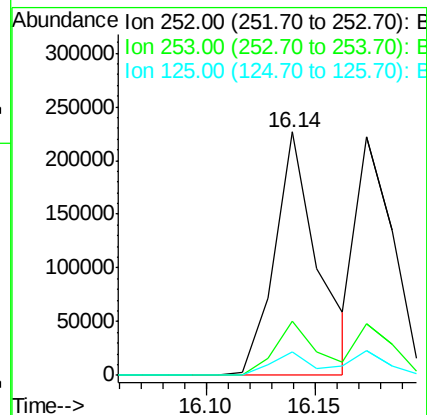
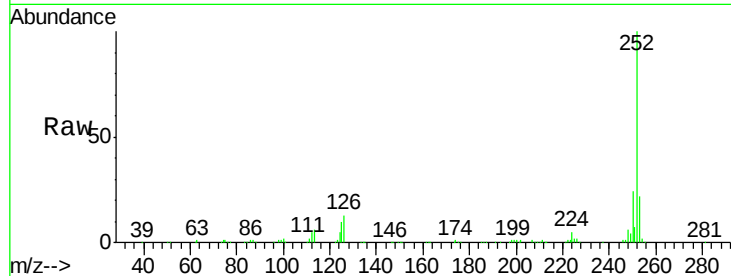
ClientSampleId :

NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.8	17.1	25.7#

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#88

Benzo(k)fluoranthene

Concen: 39.92 ng

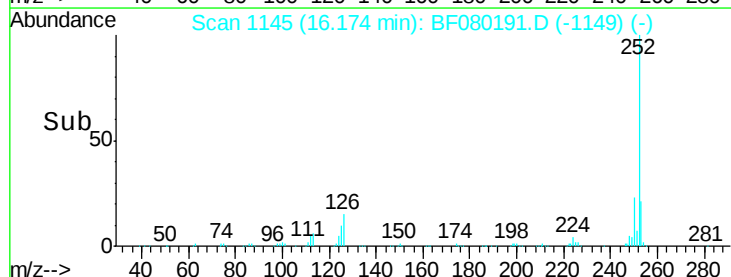
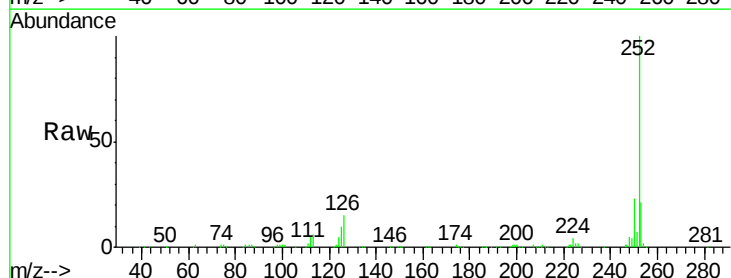
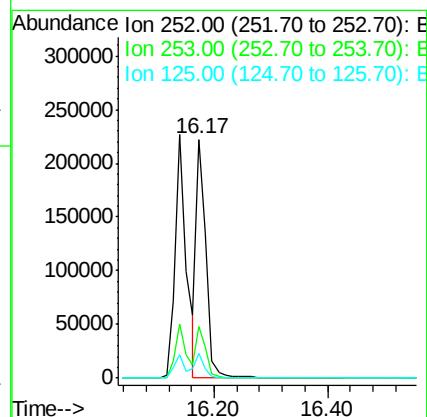
RT: 16.17 min Scan# 1145

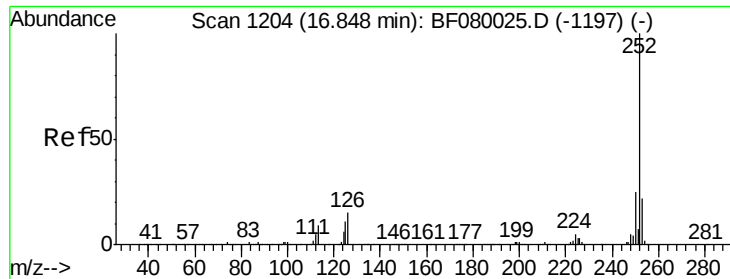
Delta R.T. -0.34 min

Lab File: BF080191.D

Acq: 26 Jun 2015 16:04

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





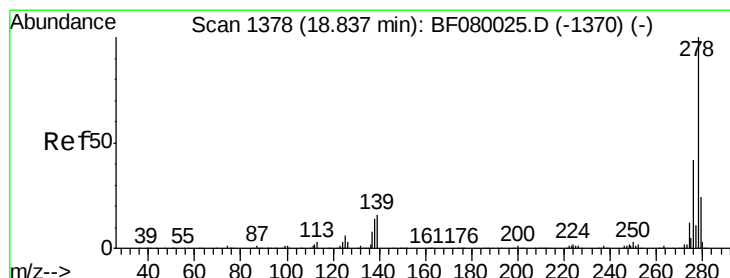
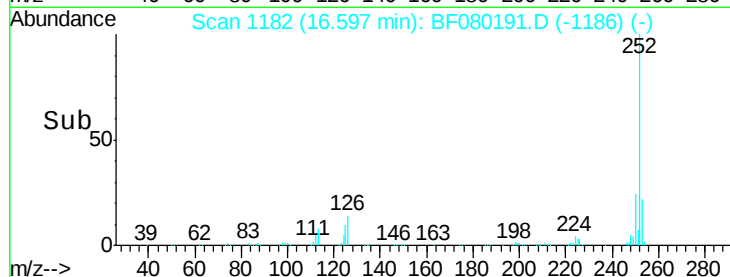
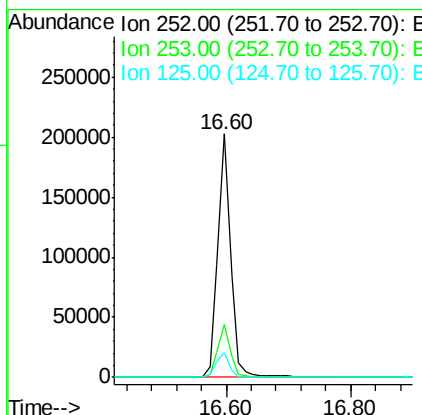
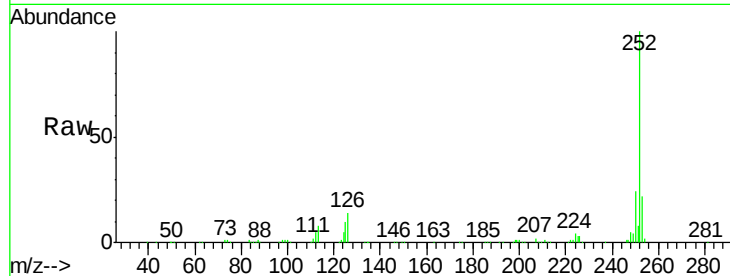
#89
Benzo(a)pyrene
Concen: 45.43 ng
RT: 16.60 min Scan# 1182
Delta R.T. -0.34 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Instrument :
BNA_F
ClientSampleId :
NORTHADBOTTOM-062515MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.0	18.0	27.0

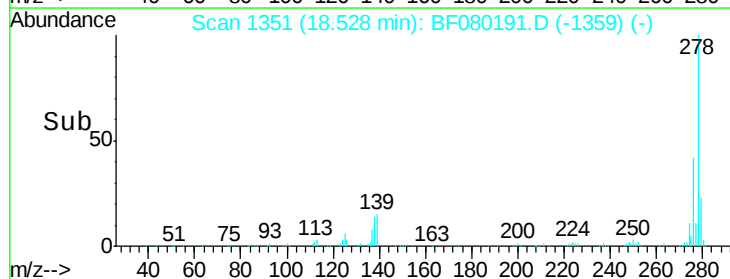
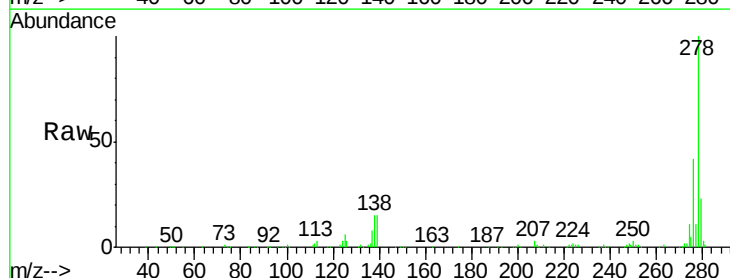
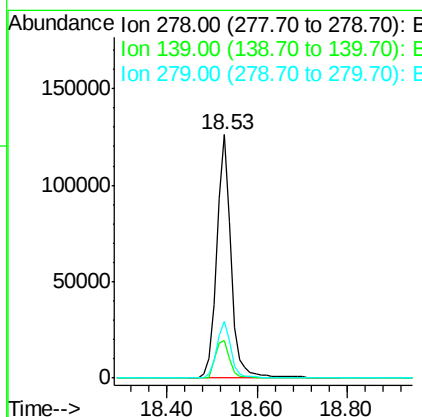
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#90
Dibenzo(a,h)anthracene
Concen: 43.42 ng
RT: 18.53 min Scan# 1351
Delta R.T. -0.39 min
Lab File: BF080191.D
Acq: 26 Jun 2015 16:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	26.3	39.5
279	23.3	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 43.59 ng
 RT: 19.05 min Scan# 1397
 Delta R.T. -0.39 min
 Lab File: BF080191.D
 Acq: 26 Jun 2015 16:04

Instrument :
 BNA_F
 ClientSampleId :
 NORTHADBOTTOM-062515MSD

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

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