

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080636.D
 Acq On : 24 Jul 2015 20:21
 Operator : TP/UM
 Sample : PB84491BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Manual Integrations
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 7/27/2015 4:22:01 PM

Quant Time: Jul 25 05:26:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57216	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	205752	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	109320	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	207041	20.00	ng	0.00
75) Chrysene-d12	14.25	240	210609	20.00	ng	0.09
86) Perylene-d12	15.91	264	202296	20.00	ng	0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	324317	95.44	ng	0.00
7) Phenol-d6	6.54	99	429103	105.73	ng	0.00
23) Nitrobenzene-d5	7.49	82	283567	69.22	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	115502	117.60	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	474538	66.98	ng	0.00
78) Terphenyl-d14	13.08	244	552334	56.47	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	38027	24.93	ng	91
3) Pyridine	3.25	79	101732	28.27	ng	93
4) n-Nitrosodimethylamine	3.16	42	72193	30.78	ng	99
6) Aniline	6.59	93	102612	17.87	ng	90
8) 2-Chlorophenol	6.70	128	113938	30.53	ng	99
9) Benzaldehyde	6.48	77	28845	10.88	ng	93
10) Phenol	6.56	94	170064	34.60	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	117949	32.63	ng	96
12) 1,3-Dichlorobenzene	6.86	146	122657	30.43	ng	96
13) 1,4-Dichlorobenzene	6.94	146	129042	30.92	ng	96
14) 1,2-Dichlorobenzene	7.10	146	124427	30.31	ng	99
15) Benzyl Alcohol	7.06	79	103450	30.68	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	194315	31.64	ng	99
17) 2-Methylphenol	7.17	107	93213	31.41	ng	99
18) Hexachloroethane	7.45	117	49574	30.37	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	81082	27.68	ng	96
20) 3+4-Methylphenols	7.33	107	117532	30.54	ng	93
22) Acetophenone	7.33	105	165216	30.92	ng	97
24) Nitrobenzene	7.50	77	121389	29.73	ng	97
25) Isophorone	7.74	82	213648	29.74	ng	99
26) 2-Nitrophenol	7.84	139	48153	32.32	ng	98
27) 2,4-Dimethylphenol	7.86	122	96294	32.26	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	126595	30.40	ng	100
29) 2,4-Dichlorophenol	8.06	162	91903	32.28	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	95848	28.38	ng	97
31) Naphthalene	8.24	128	311318	30.20	ng	100
32) Benzoic acid	7.93	122	53114	32.62	ng	97
33) 4-Chloroaniline	8.28	127	67767	14.97	ng	98
34) Hexachlorobutadiene	8.36	225	71039	30.44	ng	97
35) Caprolactam	8.61	113	25526	31.31	ng	# 59
36) 4-Chloro-3-methylphenol	8.76	107	95422	31.23	ng	# 74
37) 2-Methylnaphthalene	8.93	142	225473	30.69	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	97635	30.92	ng	99
40) Hexachlorocyclopentadiene	9.09	237	136180	72.53	ng	98

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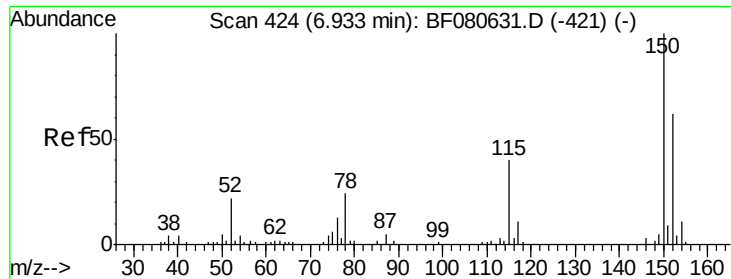
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	69944	32.47	ng	99
43) 2,4,5-Trichlorophenol	9.24	196	75390	33.41	ng	96
45) 1,1'-Biphenyl	9.39	154	243885	31.93	ng	98
46) 2-Chloronaphthalene	9.41	162	203170	31.80	ng	98
47) 2-Nitroaniline	9.50	65	65878	33.63	ng	97
48) Acenaphthylene	9.84	152	351884	32.55	ng	99
49) Dimethylphthalate	9.69	163	248361	31.76	ng	99
50) 2,6-Dinitrotoluene	9.74	165	48573	34.79	ng	94
51) Acenaphthene	10.01	154	240461	36.63	ng	98
52) 3-Nitroaniline	9.92	138	37810	22.77	ng	99
53) 2,4-Dinitrophenol	10.02	184	50067	70.38	ng	# 86
54) Dibenzofuran	10.18	168	316438	33.78	ng	98
55) 4-Nitrophenol	10.06	139	97660	74.49	ng	# 83
56) 2,4-Dinitrotoluene	10.16	165	63990	34.68	ng	# 40
57) Fluorene	10.52	166	244871	33.20	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.29	232	63773	35.42	ng	98
59) Diethylphthalate	10.40	149	261793	33.68	ng	99
60) 4-Chlorophenyl-phenylether	10.52	204	106743	32.57	ng	94
61) 4-Nitroaniline	10.52	138	55900	34.59	ng	97
62) Azobenzene	10.67	77	249472	33.53	ng	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	34289	33.70	ng	94
65) n-Nitrosodiphenylamine	10.62	169	194440	30.65	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	58622	30.05	ng	# 87
67) Hexachlorobenzene	11.07	284	77033	32.42	ng	97
68) Atrazine	11.15	200	58126	31.52	ng	97
69) Pentachlorophenol	11.26	266	81886	69.10	ng	98
70) Phenanthrene	11.48	178	367236	32.13	ng	99
71) Anthracene	11.54	178	362688	32.90	ng	100
72) Carbazole	11.69	167	339309	33.99	ng	99
73) Di-n-butylphthalate	12.03	149	417898	33.79	ng	100
74) Fluoranthene	12.69	202	379697	34.38	ng	93
76) Benzidine	12.82	184	414016	57.83	ng	99
77) Pyrene	12.93	202	384147	29.12	ng	98
79) Butylbenzylphthalate	13.61	149	175330	30.73	ng	97
80) Benzo(a)anthracene	14.24	228	384280	31.10	ng	98
81) 3,3'-Dichlorobenzidine	14.20	252	111486	27.75	ng	# 94
82) Chrysene	14.28	228	365184	31.55	ng	99
83) Bis(2-ethylhexyl)phthalate	14.25	149	263455	30.64	ng	# 97
84) Di-n-octyl phthalate	15.00	149	438923	31.69	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.40	276	445919	35.55	ng	100
87) Benzo(b)fluoranthene	15.46	252	430574	35.11	ng	98
88) Benzo(k)fluoranthene	15.49	252	297047m	27.05	ng	
89) Benzo(a)pyrene	15.84	252	360993	32.73	ng	98
90) Dibenzo(a,h)anthracene	17.43	278	374908	32.27	ng	97
91) Benzo(g,h,i)perylene	17.85	276	384075	32.55	ng	99

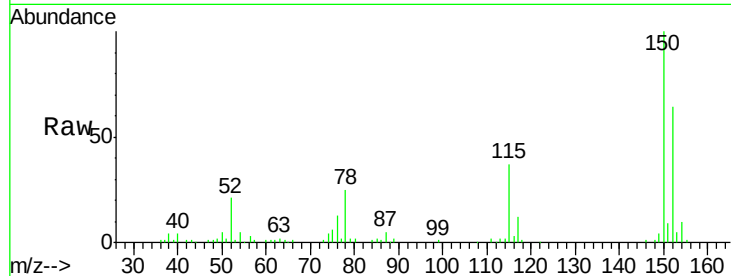
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

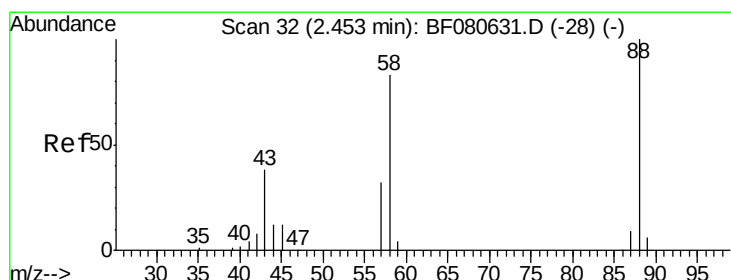
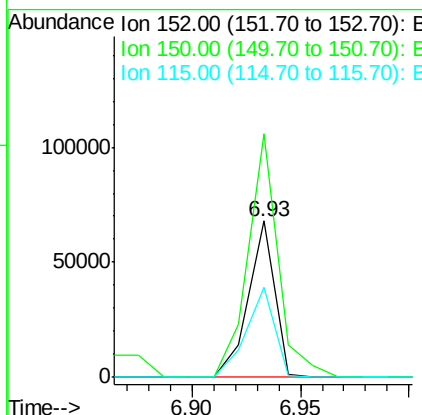
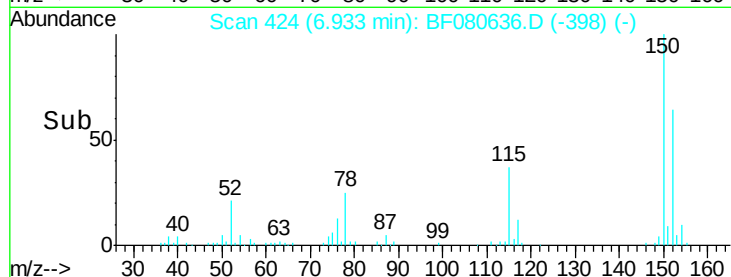
Instrument :
BNA_F
ClientSampleId :
PB84491BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	128.9	193.3
115	57.7	51.0	76.6

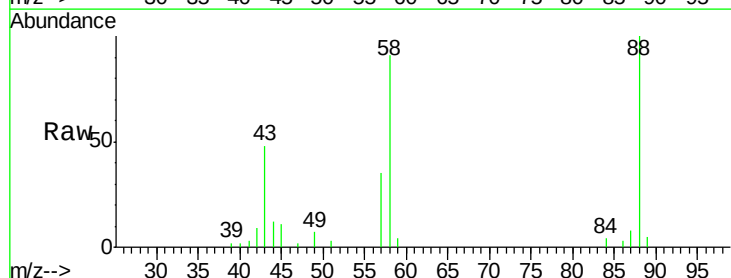
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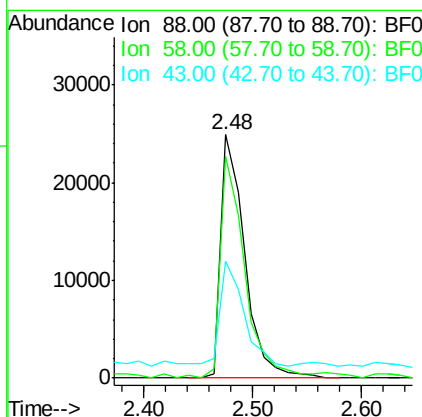
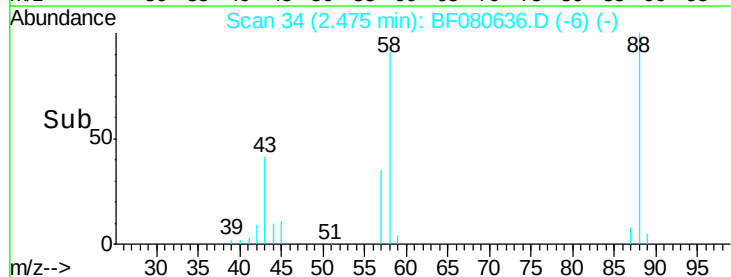


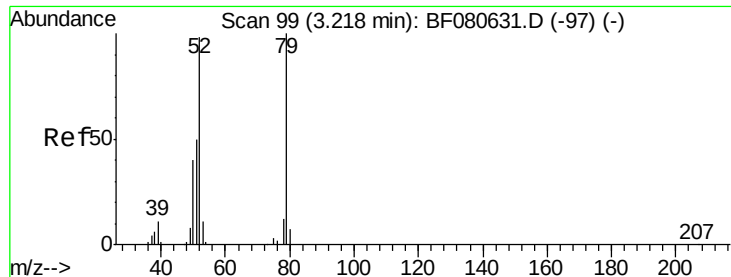
#2

1,4-Dioxane
Concen: 24.93 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.02 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21



Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	67.7	101.5
43	43.3	30.9	46.3





#3

Pyridine

Concen: 28.27 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.03 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

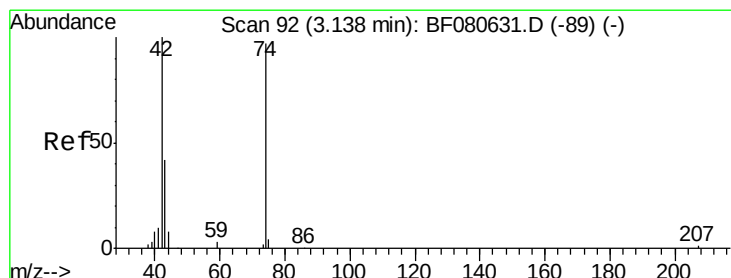
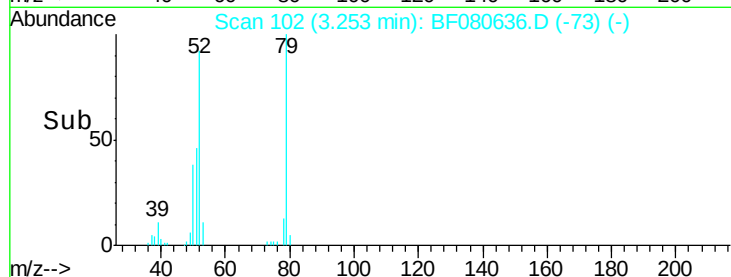
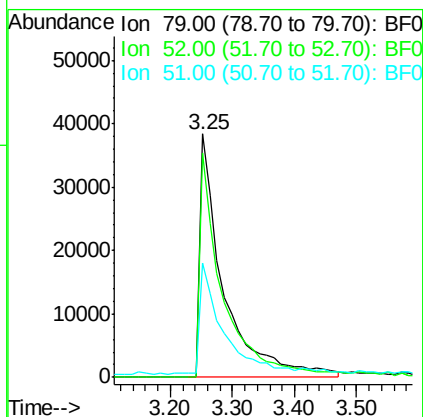
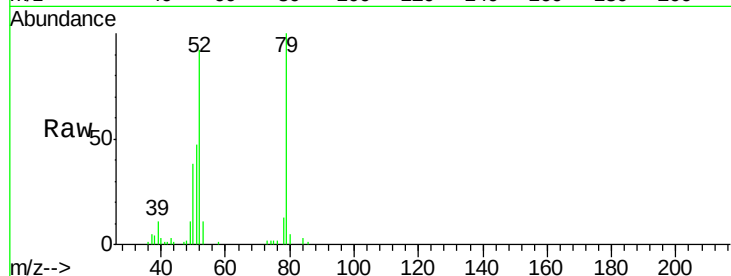
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Tgt Ion:	79	Resp:	101732
Ion Ratio	Lower	Upper	
79	100		
52	91.9	78.8	118.2
51	47.1	41.4	62.2



#4

n-Nitrosodimethylamine

Concen: 30.78 ng

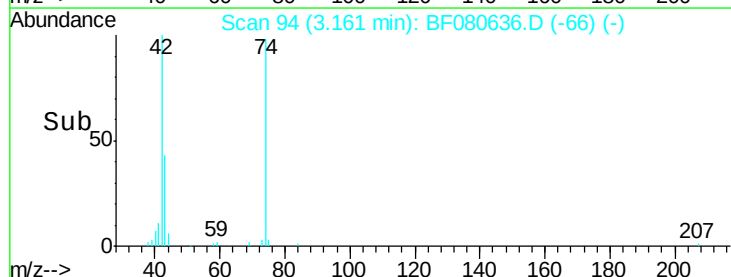
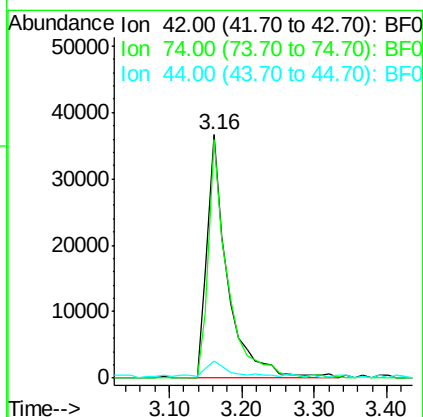
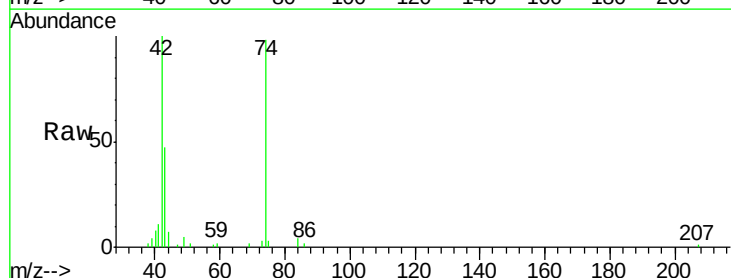
RT: 3.16 min Scan# 94

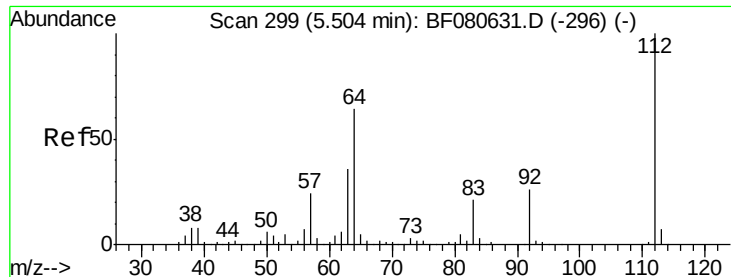
Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	42	Resp:	72193
Ion Ratio	Lower	Upper	
42	100		
74	98.2	77.8	116.6
44	7.2	6.2	9.4





#5

2-Fluorophenol

Concen: 95.44 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

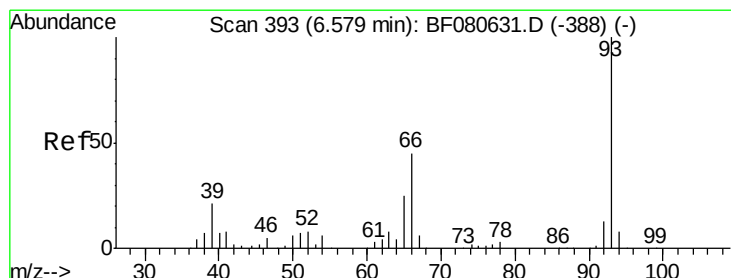
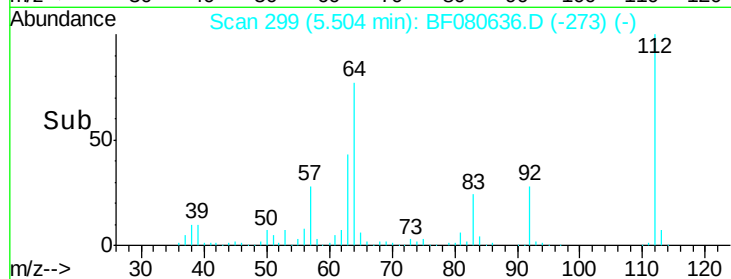
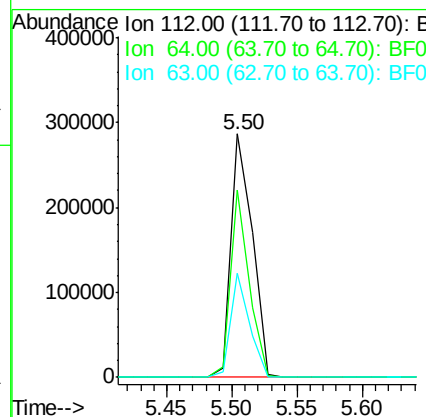
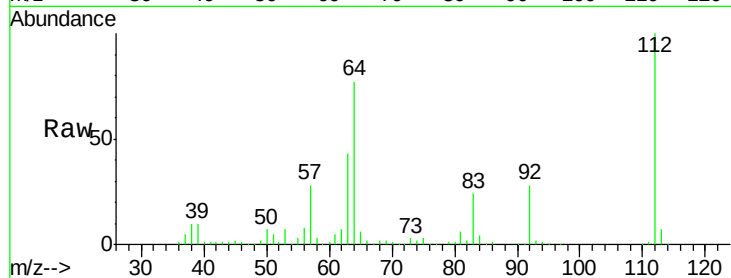
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Tgt Ion:	112	Resp:	324317
Ion Ratio	Lower	Upper	
112	100		
64	76.7	51.2	76.8
63	42.8	29.0	43.6



#6

Aniline

Concen: 17.87 ng

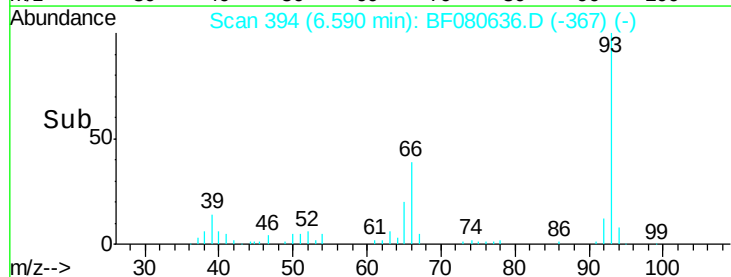
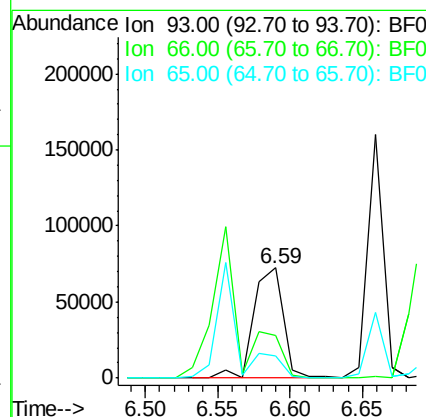
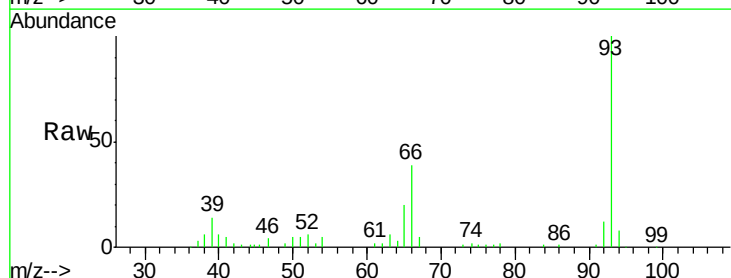
RT: 6.59 min Scan# 394

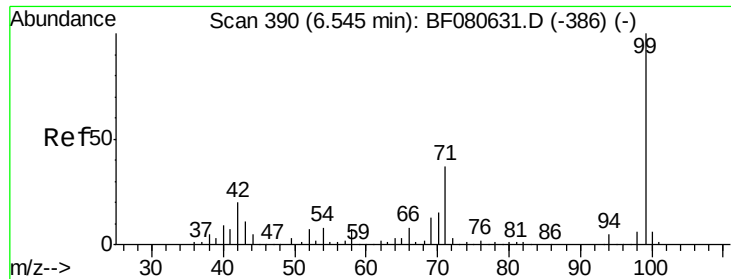
Delta R.T. 0.01 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	93	Resp:	102612
Ion Ratio	Lower	Upper	
93	100		
66	38.8	36.3	54.5
65	20.4	19.9	29.9





#7

Phenol-d6

Concen: 105.73 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

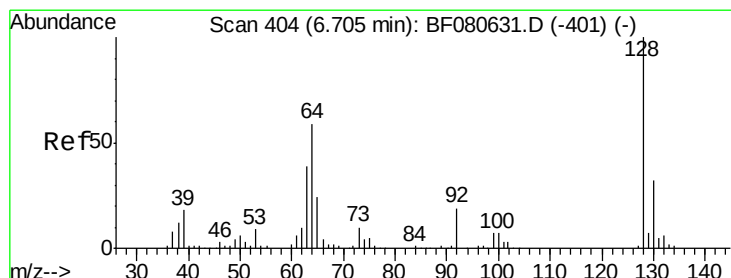
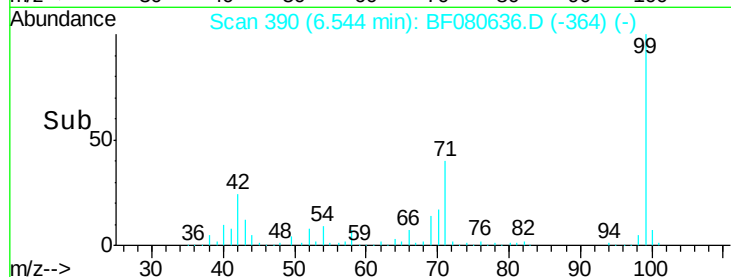
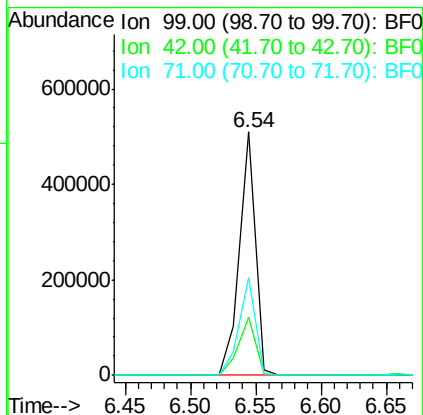
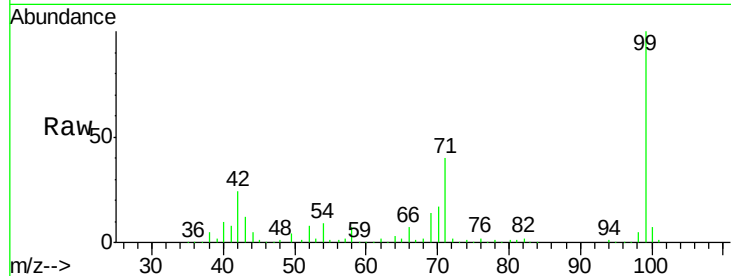
ClientSampleId :

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Tgt Ion:	99	Resp:	429103
Ion	Ratio	Lower	Upper
99	100		
42	24.1	16.3	24.5
71	40.2	29.7	44.5

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#8

2-Chlorophenol

Concen: 30.53 ng

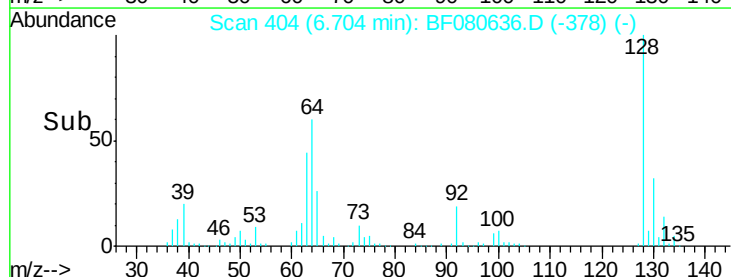
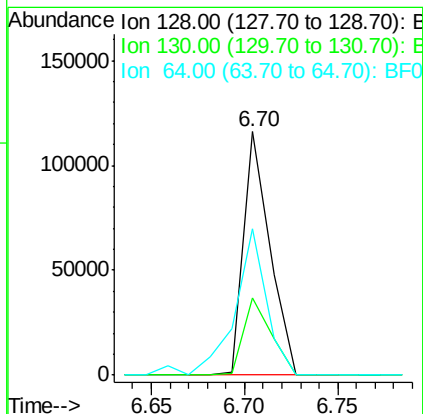
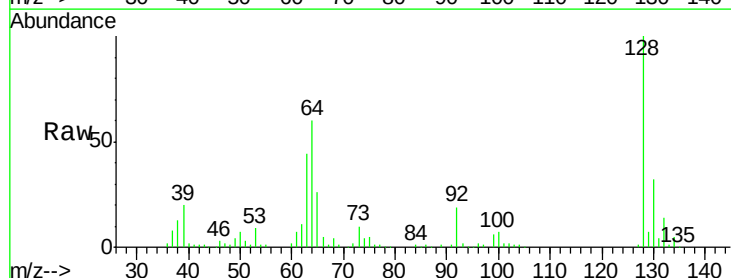
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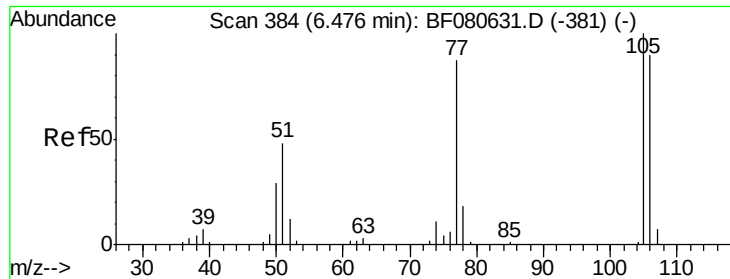
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	128	Resp:	113938
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.3	52.3
64	59.9	38.9	78.9





#9

Benzaldehyde

Concen: 10.88 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF080636.D

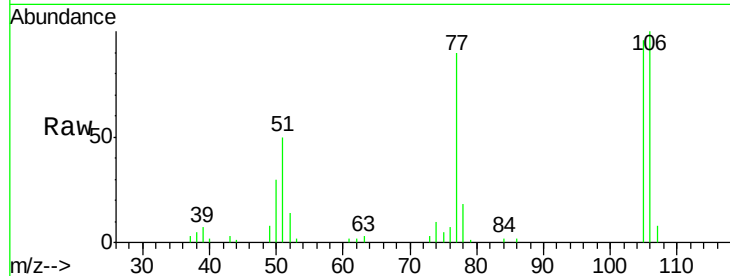
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS



Tgt Ion: 77 Resp: 28845

Ion Ratio Lower Upper

77 100

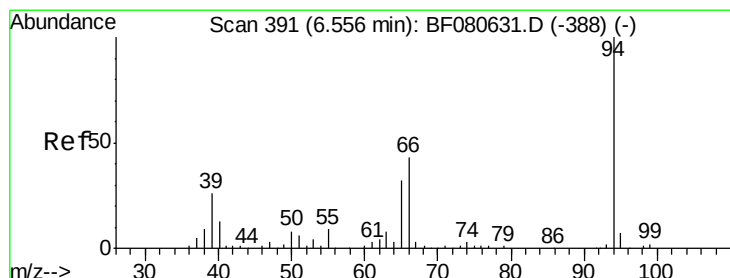
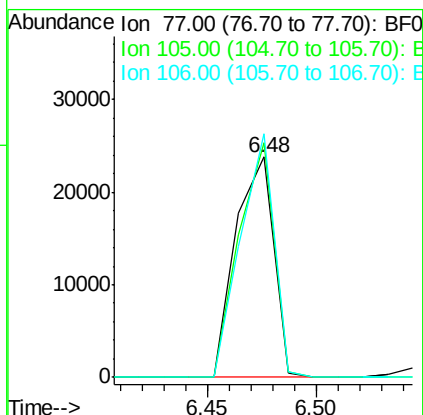
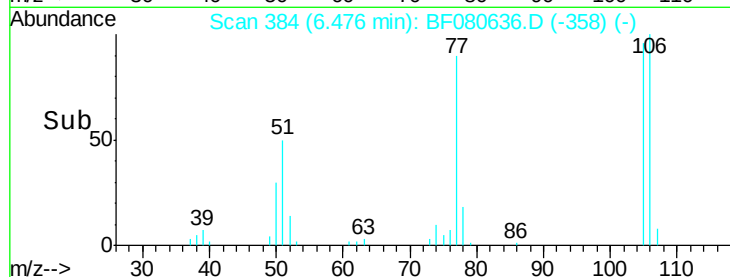
105 106.7 94.7 134.7

106 110.6 83.4 123.4

Manual Integrations
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#10

Phenol

Concen: 34.60 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

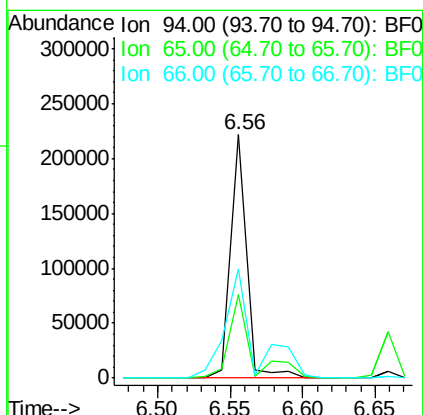
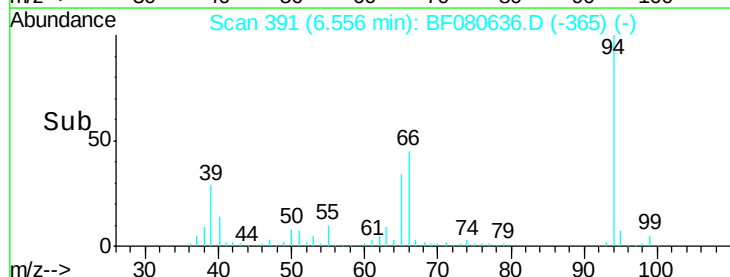
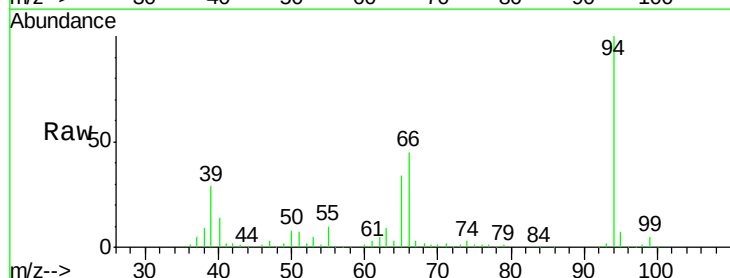
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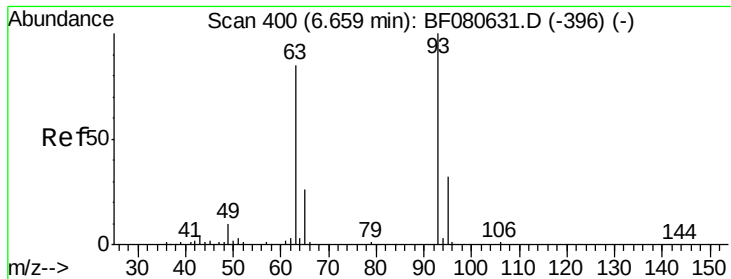
Ion Ratio Lower Upper

94 100

65 34.1 12.5 52.5

66 44.7 22.8 62.8





#11

bis(2-Chloroethyl)ether

Concen: 32.63 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

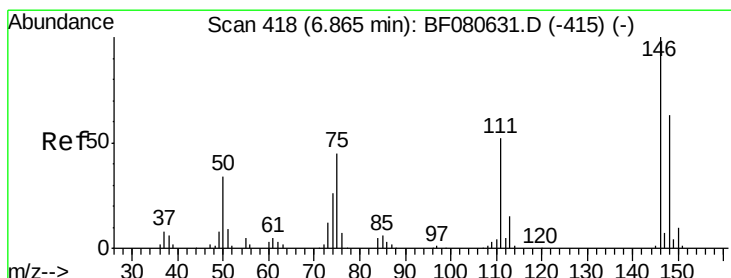
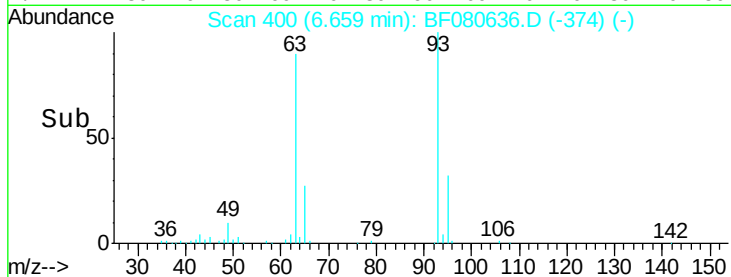
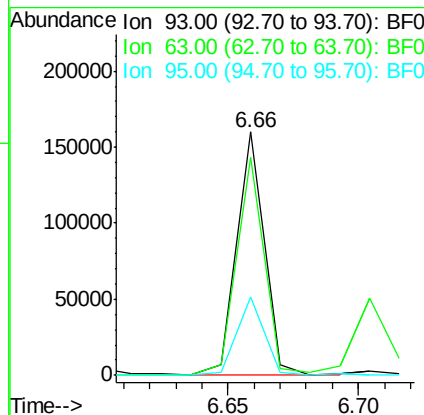
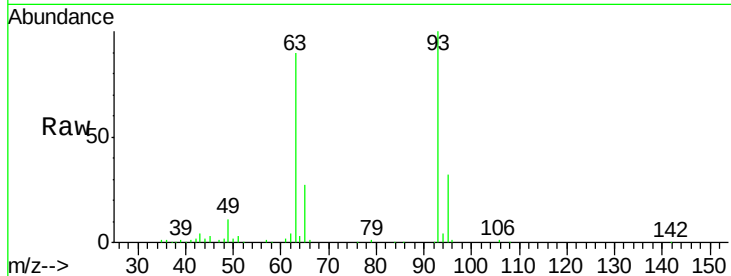
PB84491BS

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Tgt Ion:	93	Resp:	117949
Ion	Ratio	Lower	Upper
93	100		
63	89.7	65.1	105.1
95	32.5	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 30.43 ng

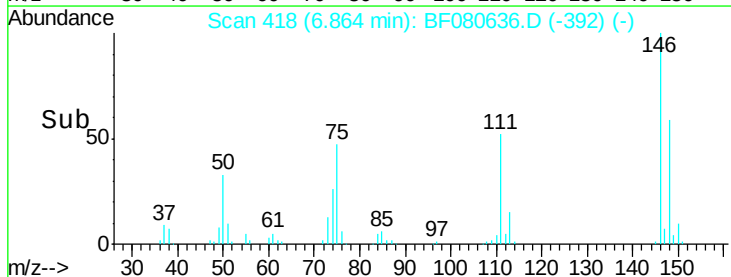
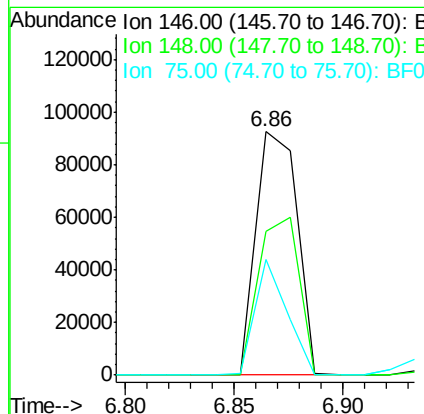
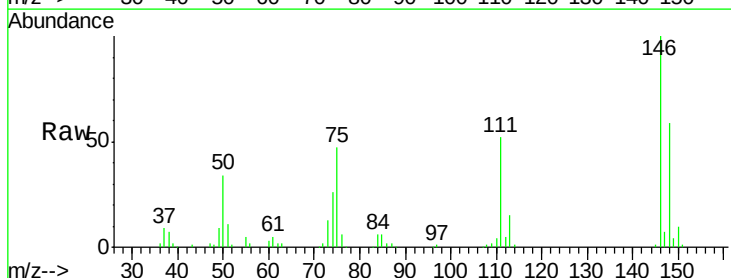
RT: 6.86 min Scan# 418

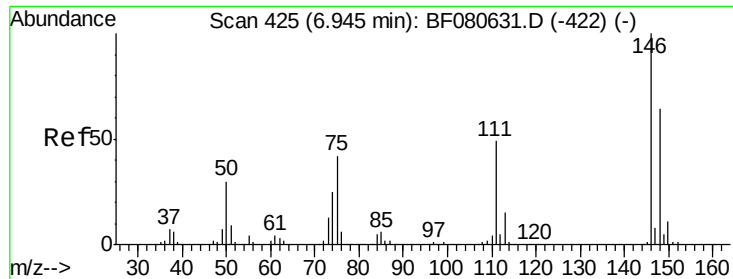
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	146	Resp:	122657
Ion	Ratio	Lower	Upper
146	100		
148	59.3	50.2	75.2
75	47.4	36.3	54.5





#13

1,4-Dichlorobenzene

Concen: 30.92 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

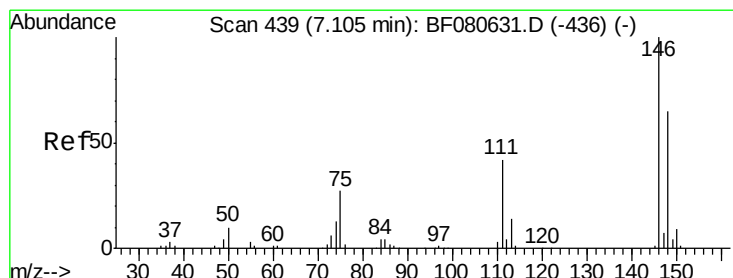
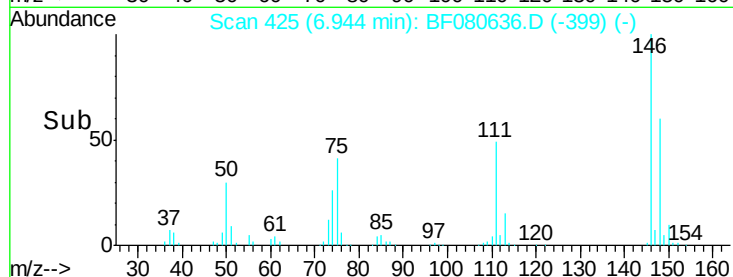
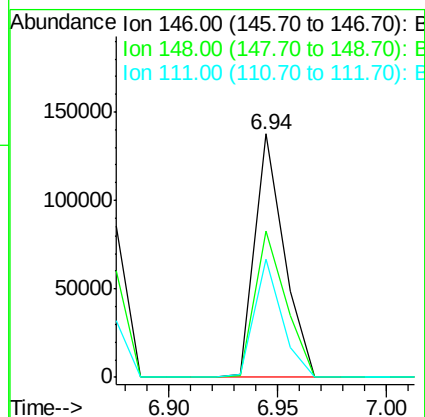
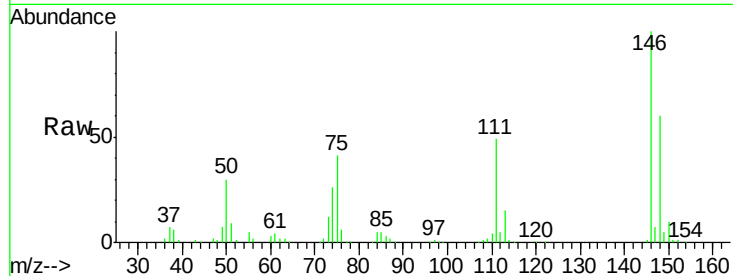
ClientSampleId :

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Tgt Ion:	146	Resp:	129042
Ion Ratio	Lower	Upper	
146	100		
148	60.0	51.4	77.2
111	48.6	39.5	59.3

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#14

1,2-Dichlorobenzene

Concen: 30.31 ng

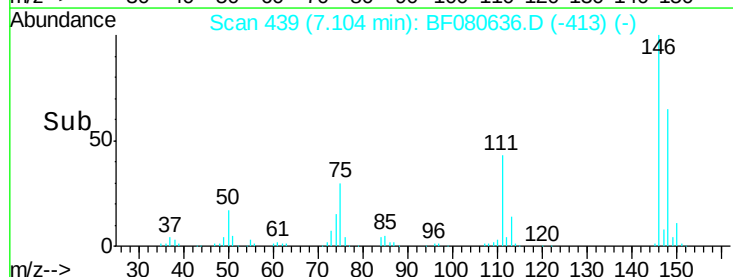
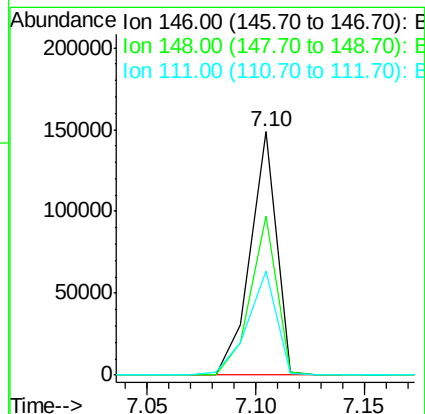
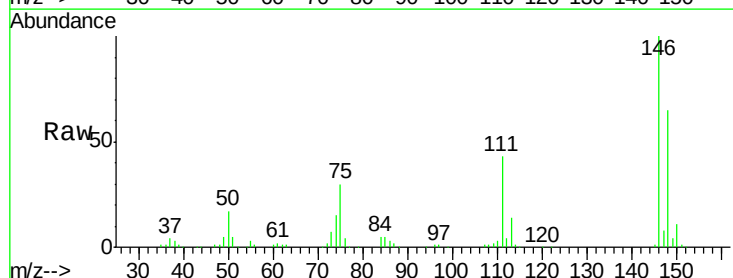
RT: 7.10 min Scan# 439

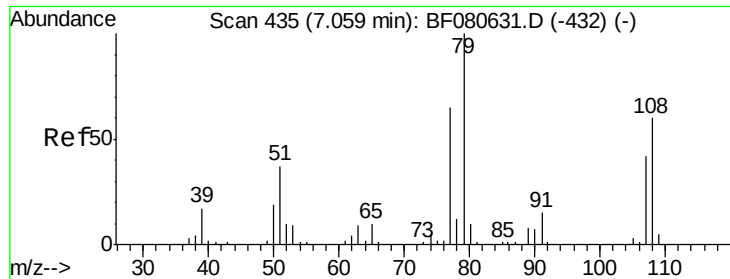
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	146	Resp:	124427
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.6	77.4
111	42.5	33.4	50.0





#15

Benzyl Alcohol

Concen: 30.68 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF080636.D

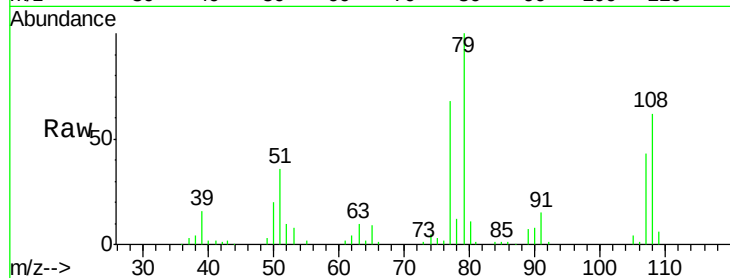
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

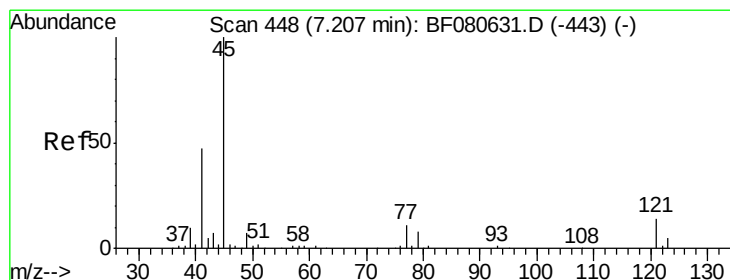
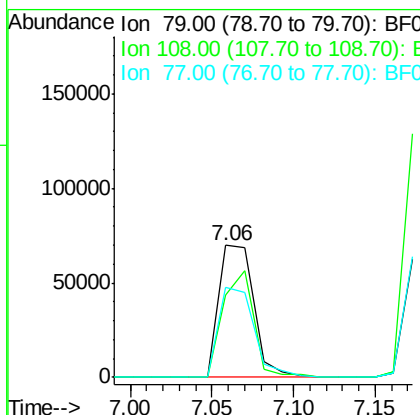
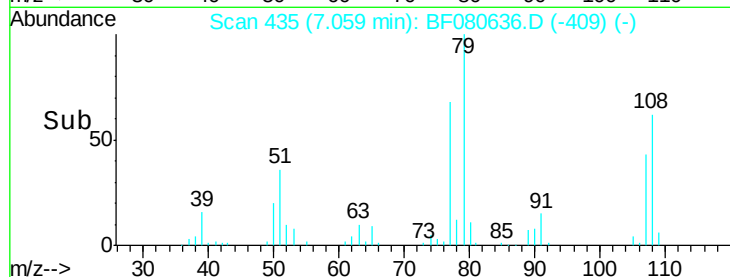
PB84491BS



Tgt Ion:	79	Resp:	103450
Ion	Ratio	Lower	Upper
79	100		
108	62.0	47.8	71.8
77	68.1	51.6	77.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.64 ng

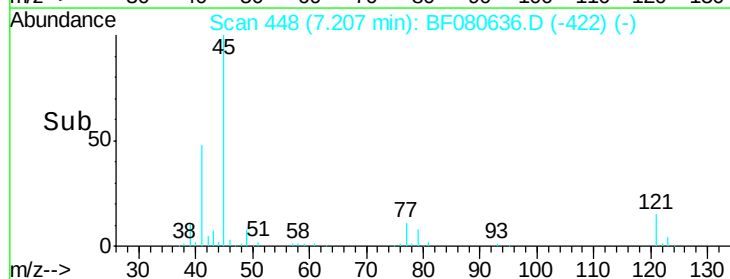
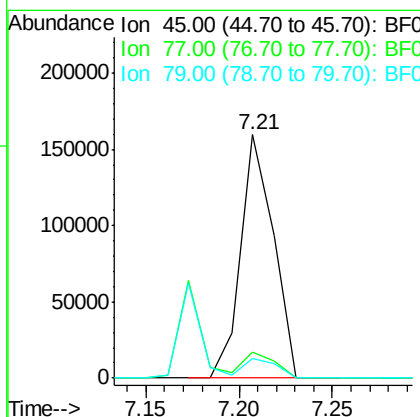
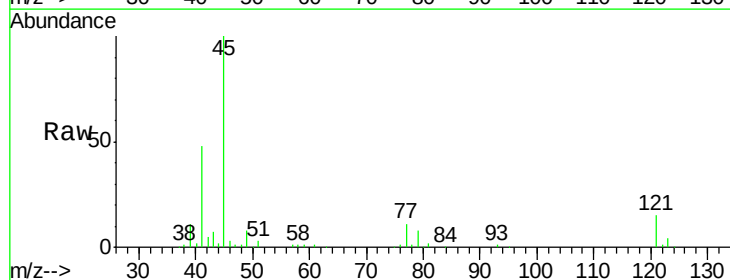
RT: 7.21 min Scan# 448

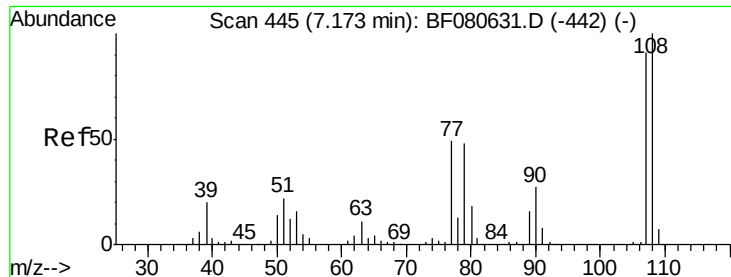
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

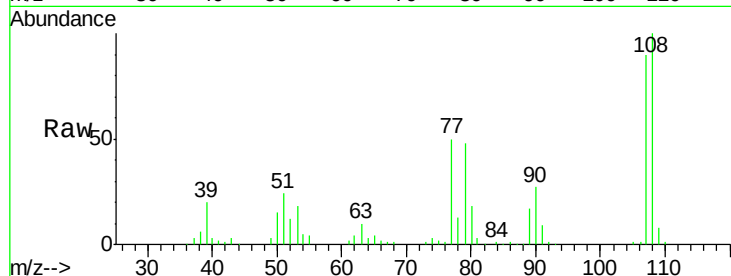
Tgt Ion:	45	Resp:	194315
Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	31.0
79	7.9	0.0	27.8





#17
2-Methylphenol
Concen: 31.41 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

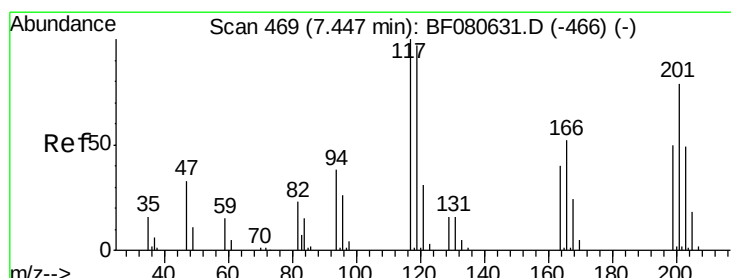
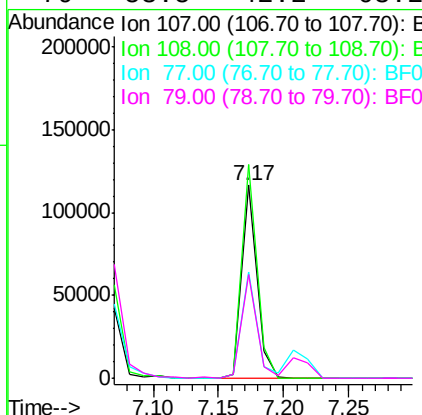
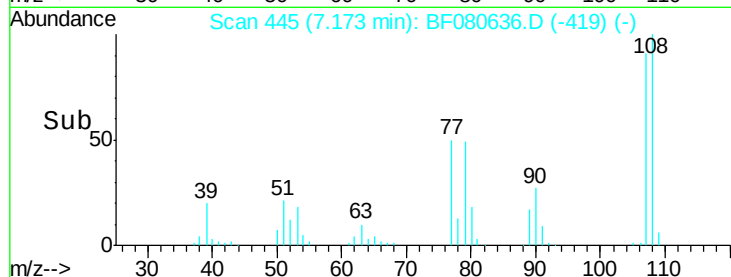
Instrument :
BNA_F
ClientSampleId :
PB84491BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	93213		
108	110.6	88.4	132.6	
77	54.8	43.0	64.4	
79	53.5	42.2	63.2	

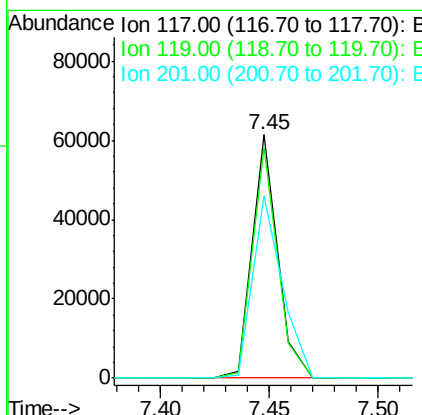
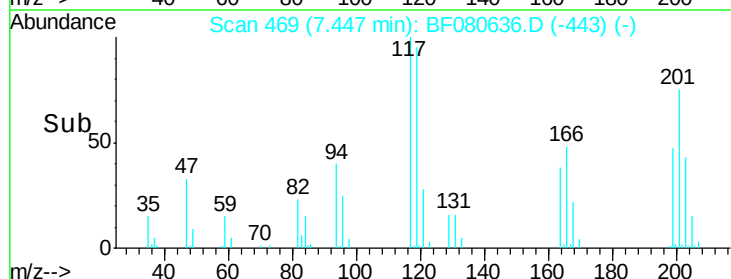
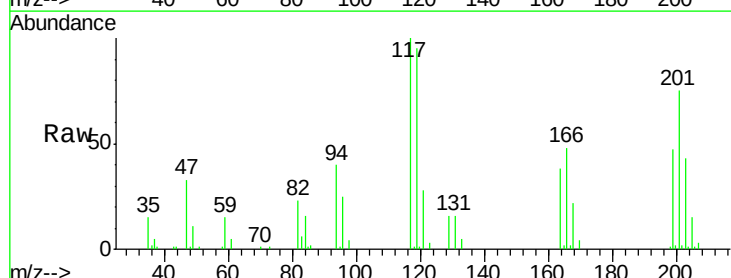
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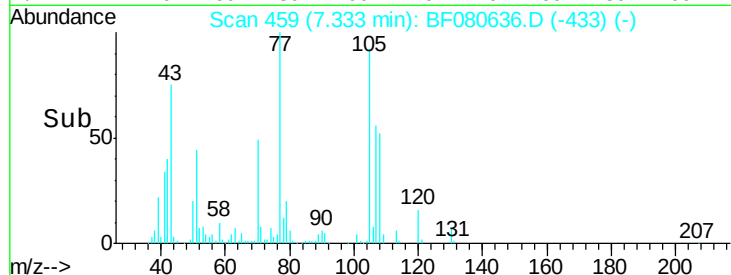
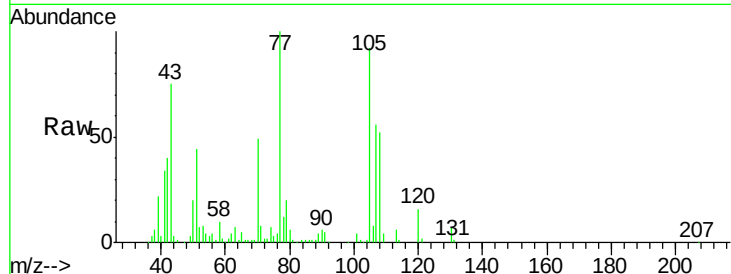
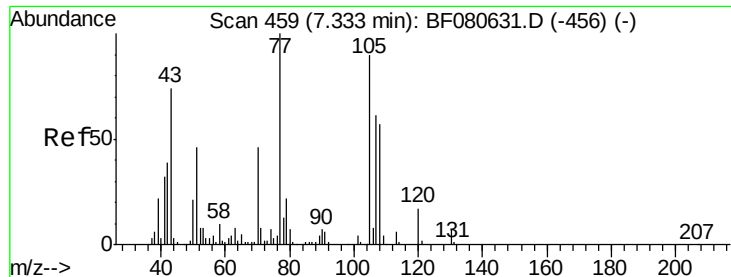
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#18
Hexachloroethane
Concen: 30.37 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49574		
119	95.0	77.4	116.2	
201	74.6	62.9	94.3	





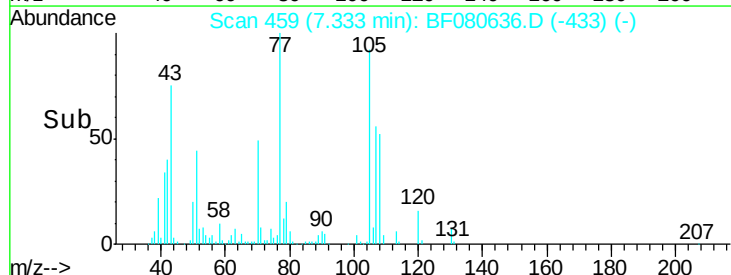
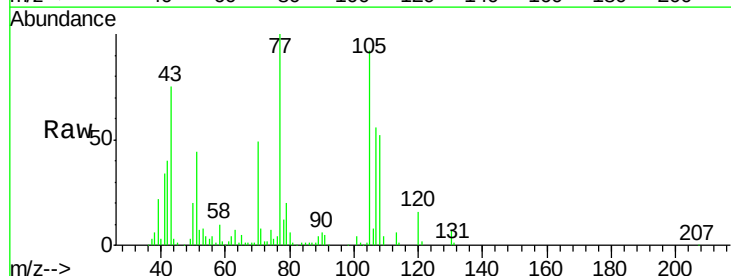
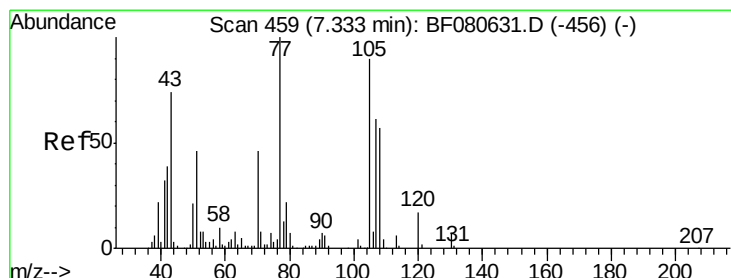
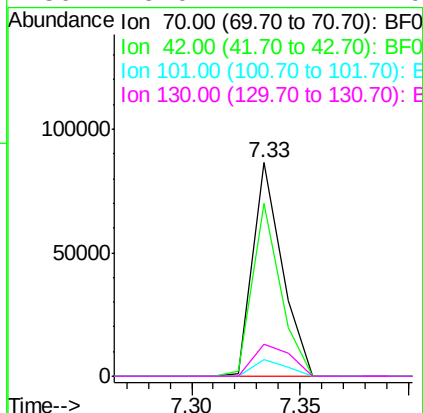
#19
n-Nitroso-di-n-propylamine
Concen: 27.68 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

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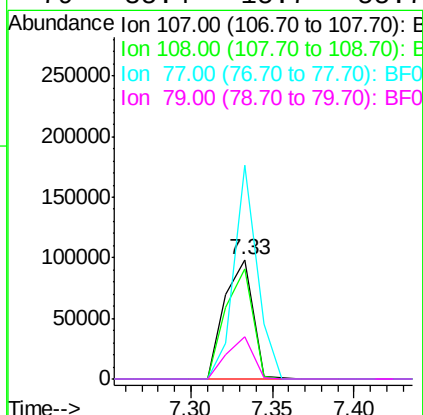
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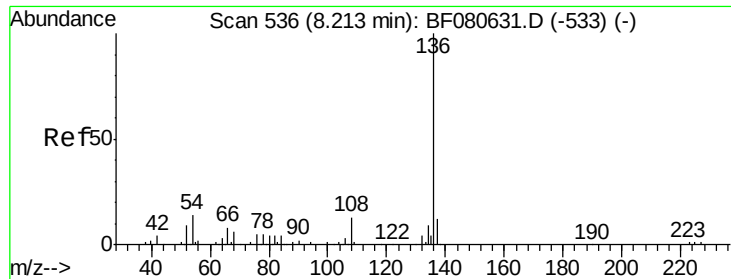
Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.9	67.8	101.8
101	7.8	6.6	9.8
130	15.0	11.4	17.0



#20
3+4-Methylphenols
Concen: 30.54 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

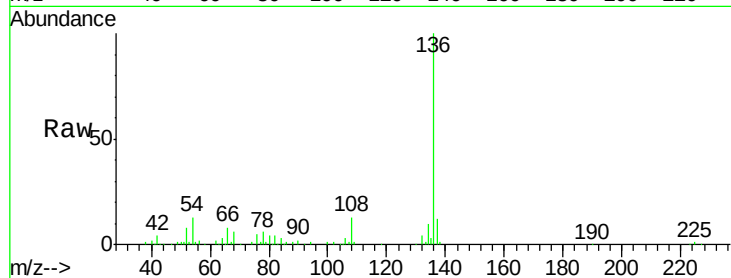
Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	73.5	113.5
77	179.4	142.7	182.7
79	35.4	15.7	55.7





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

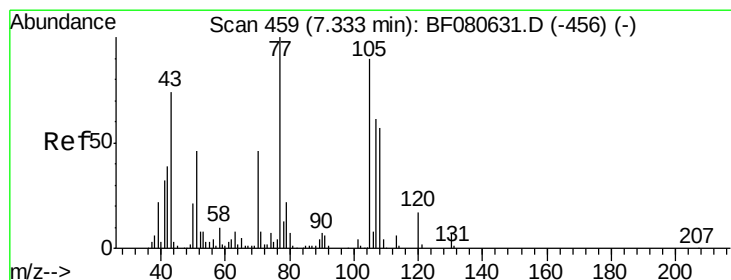
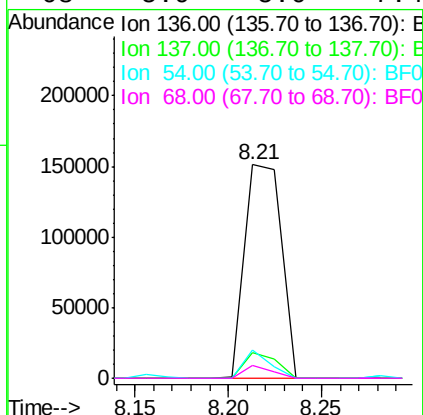
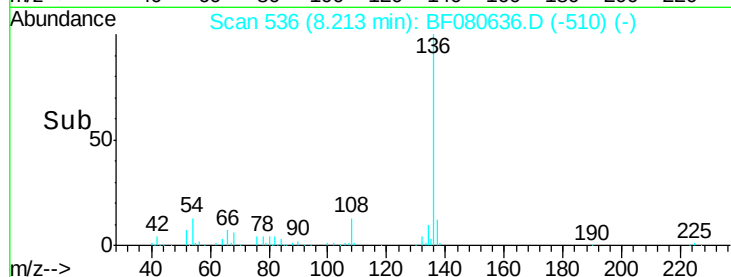
Instrument :
BNA_F
ClientSampleId :
PB84491BS



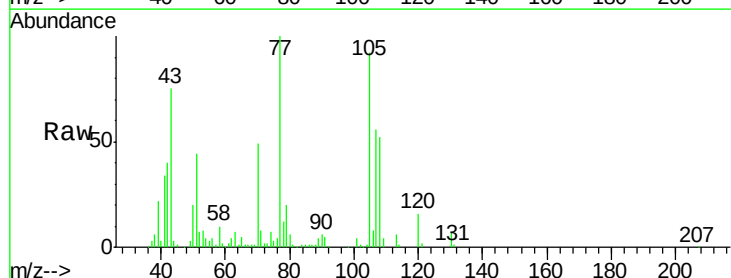
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	205752		
137	11.7	9.3	13.9	
54	12.9	11.6	17.4	
68	5.9	5.0	7.4	

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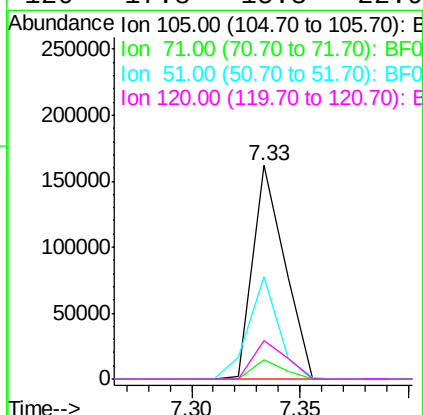
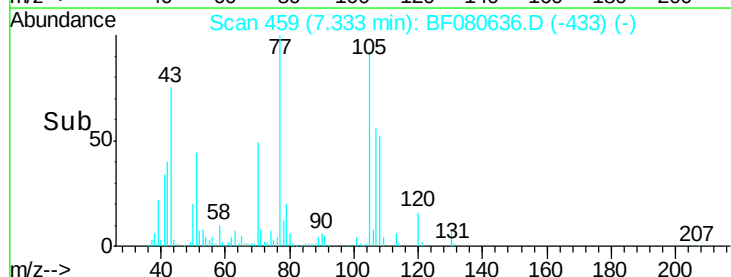
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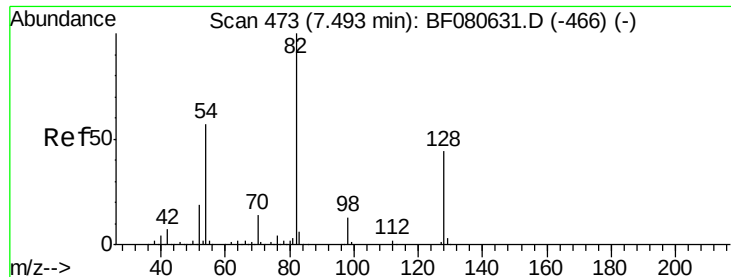


#22
Acetophenone
Concen: 30.92 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165216		
71	8.8	7.2	10.8	
51	48.2	40.8	61.2	
120	17.8	15.3	22.9	





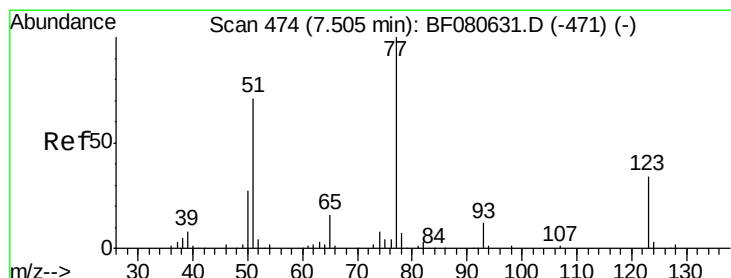
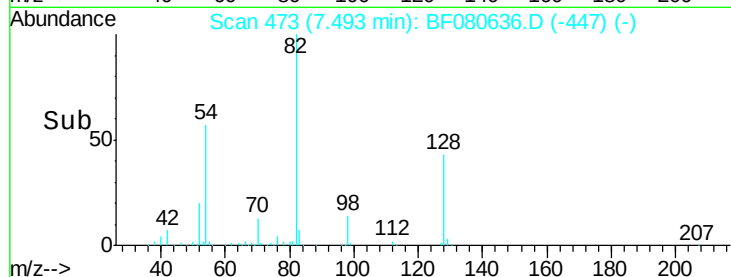
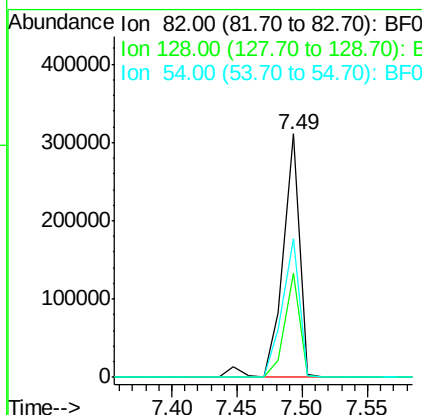
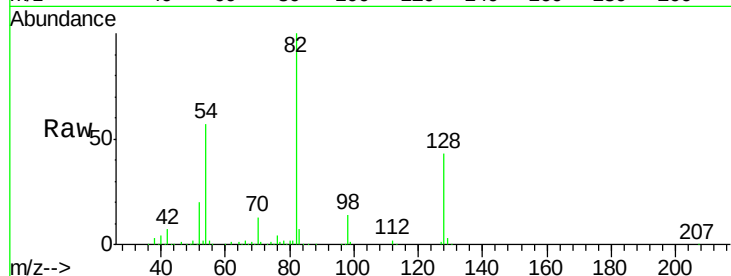
#23
 Nitrobenzene-d5
 Concen: 69.22 ng
 RT: 7.49 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.8	52.2
54	56.8	45.4	68.0

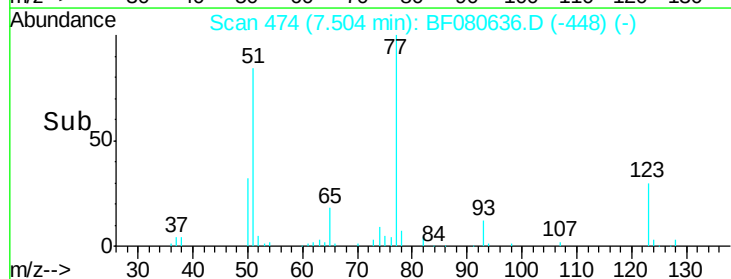
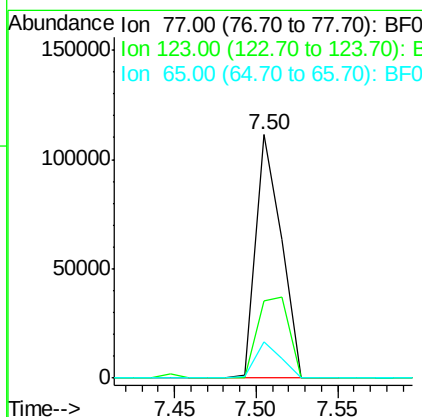
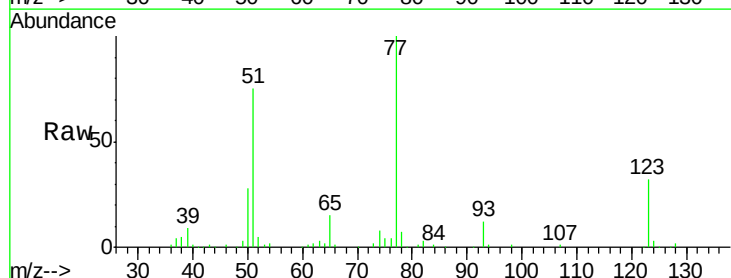
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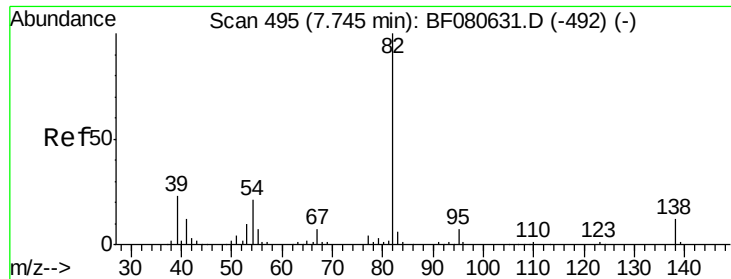
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#24
 Nitrobenzene
 Concen: 29.73 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.0	27.1	40.7
65	15.0	12.6	18.8





#25

Isophorone

Concen: 29.74 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

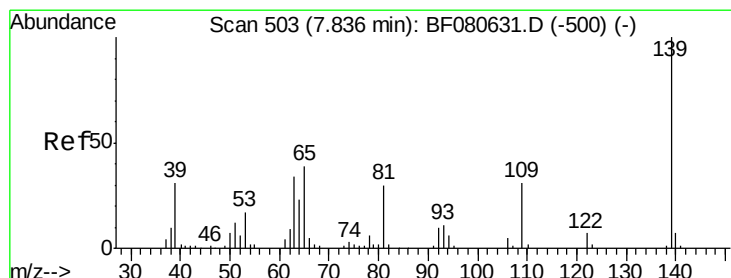
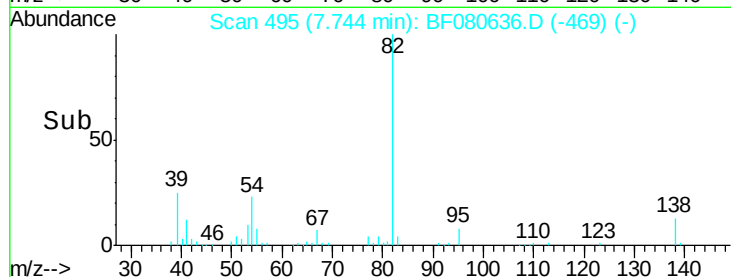
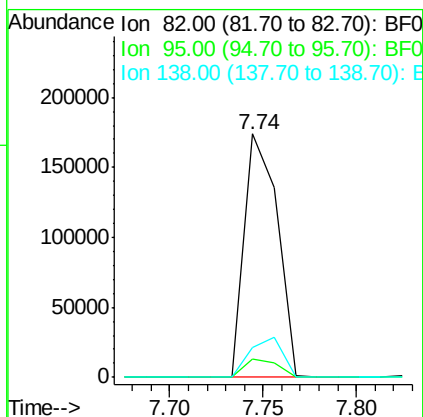
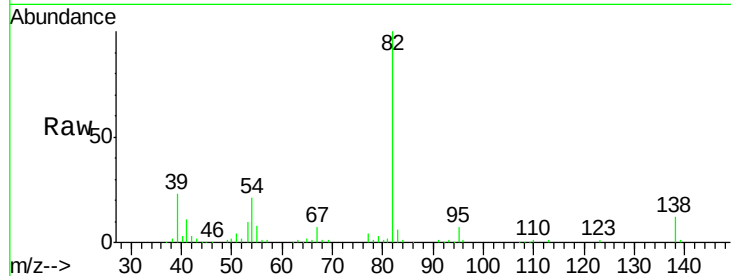
ClientSampleId :

PB84491BS

Tgt Ion:	82	Resp:	213648
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	12.3	9.7	14.5

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#26

2-Nitrophenol

Concen: 32.32 ng

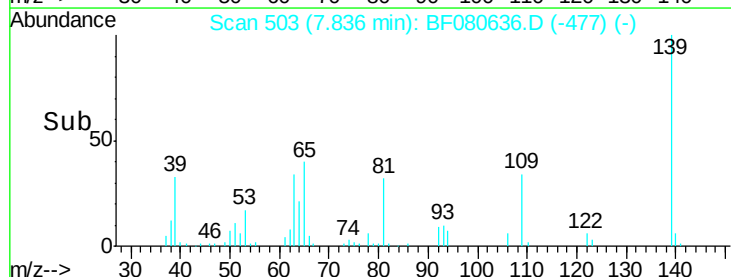
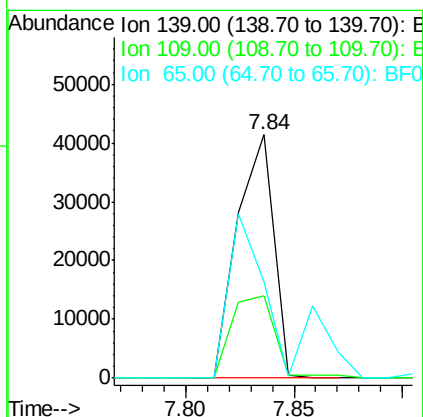
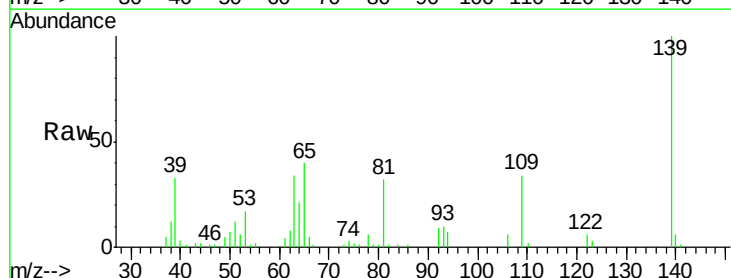
RT: 7.84 min Scan# 503

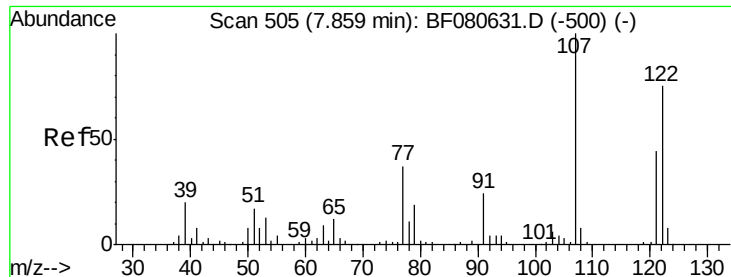
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	139	Resp:	48153
Ion Ratio	Lower	Upper	
139	100		
109	33.9	25.0	37.6
65	39.6	31.4	47.0





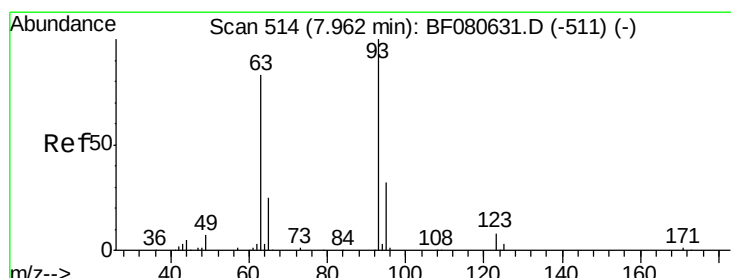
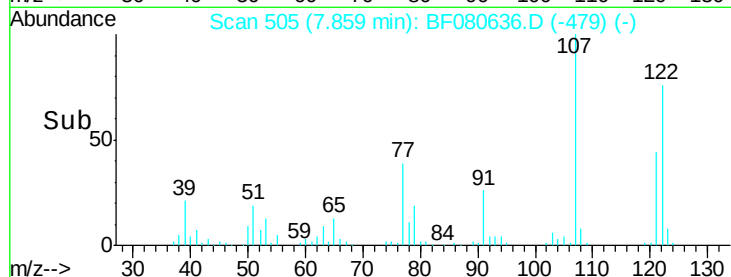
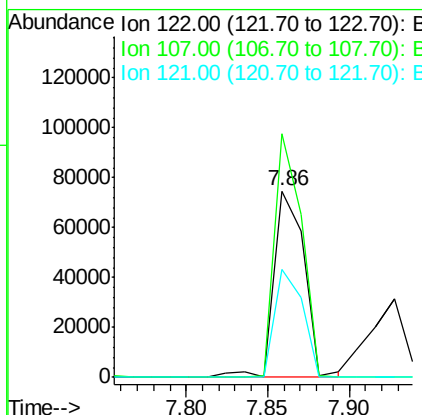
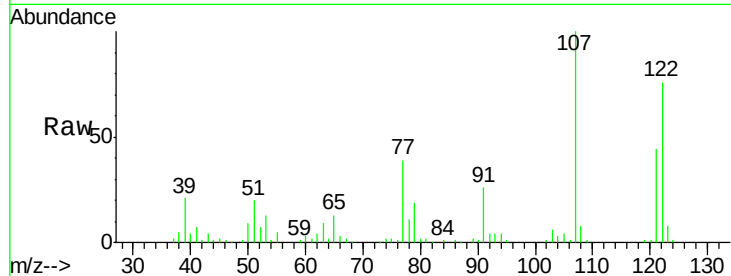
#27
 2,4-Dimethylphenol
 Concen: 32.26 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	130.9	107.4	161.0
121	57.8	46.8	70.2

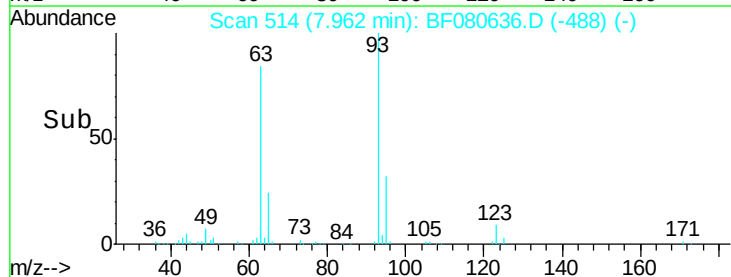
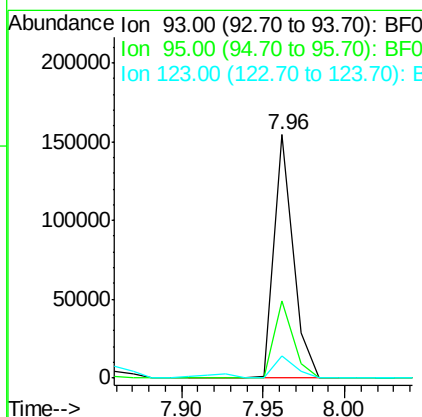
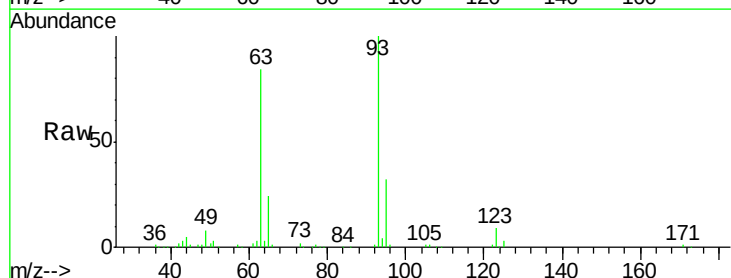
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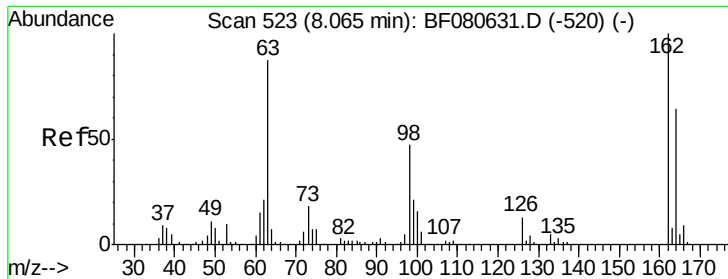
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.40 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.4	38.0
123	9.0	7.2	10.8





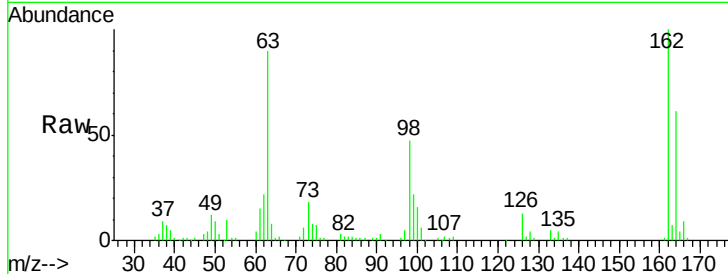
#29
 2,4-Dichlorophenol
 Concen: 32.28 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

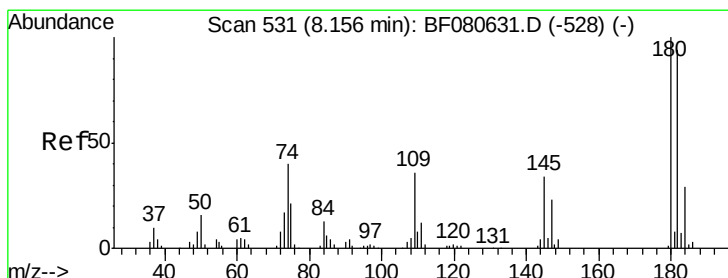
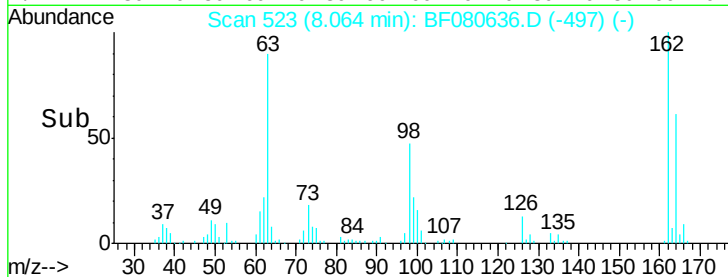
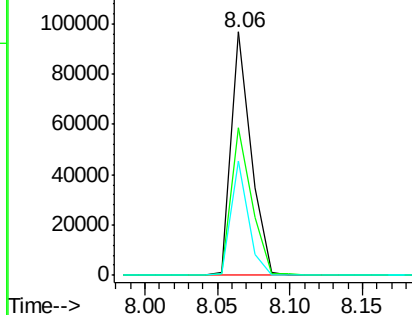
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	91903		
164	60.6	43.9	83.9	
98	47.1	26.5	66.5	

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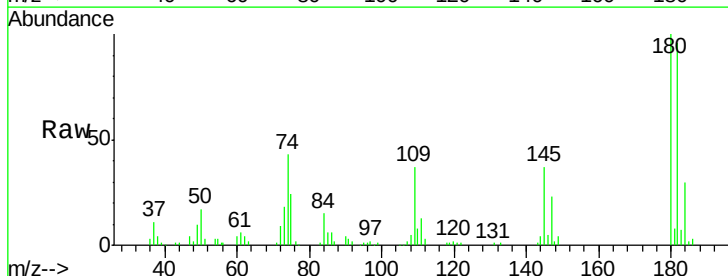


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

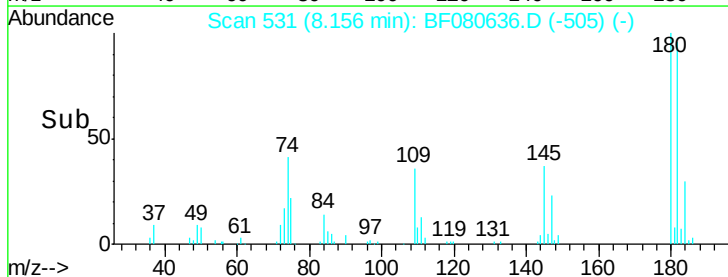
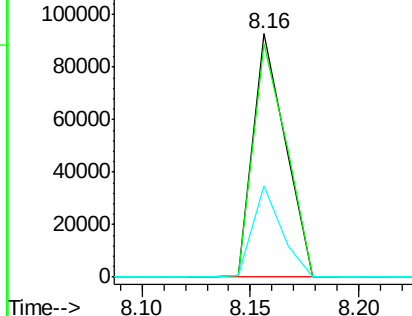


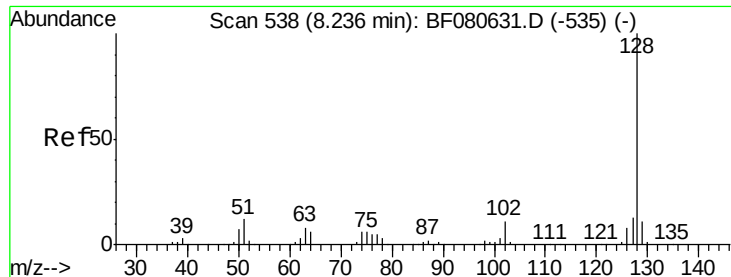
#30
 1,2,4-Trichlorobenzene
 Concen: 28.38 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	95848		
182	96.0	75.5	113.3	
145	37.4	27.1	40.7	



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: 30.20 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

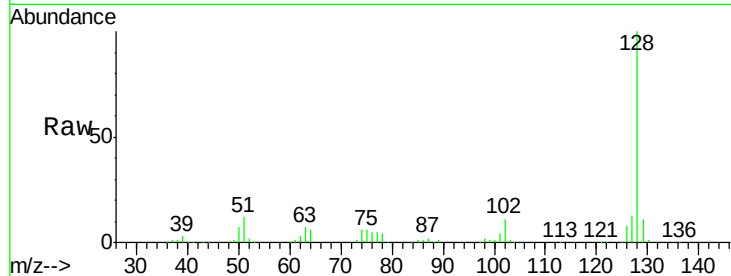
ClientSampleId :

PB84491BS

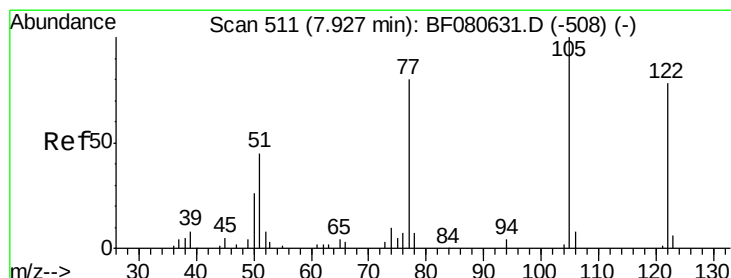
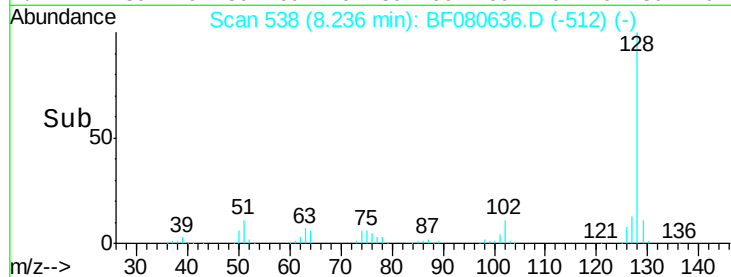
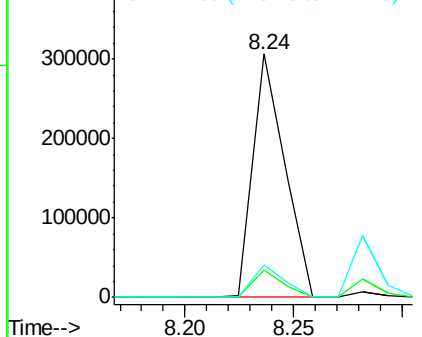
Tgt Ion:	128	Resp:	311318
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.2	10.6	15.8

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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: 32.62 ng

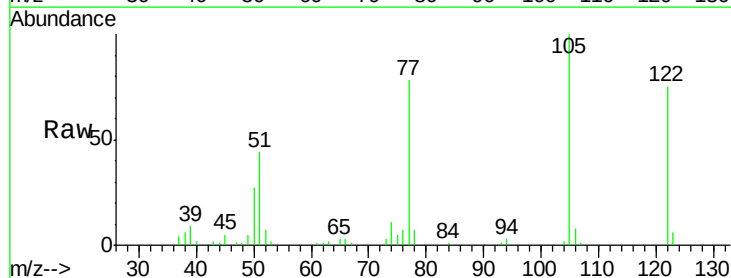
RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

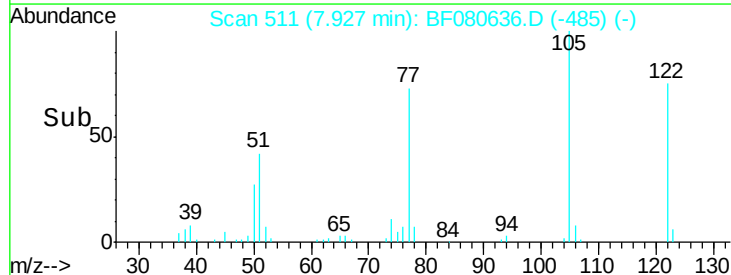
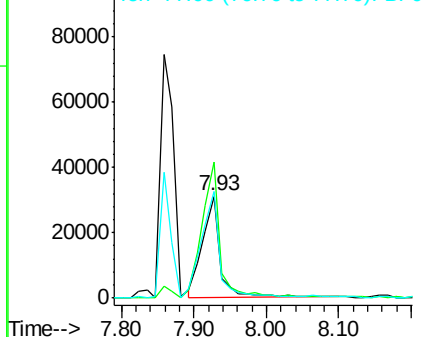
Lab File: BF080636.D

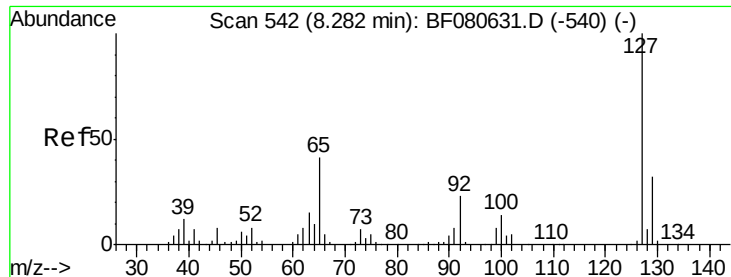
Acq: 24 Jul 2015 20:21

Tgt Ion:	122	Resp:	53114
Ion Ratio	Lower	Upper	
122	100		
105	133.7	107.9	147.9
77	104.2	84.3	124.3



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





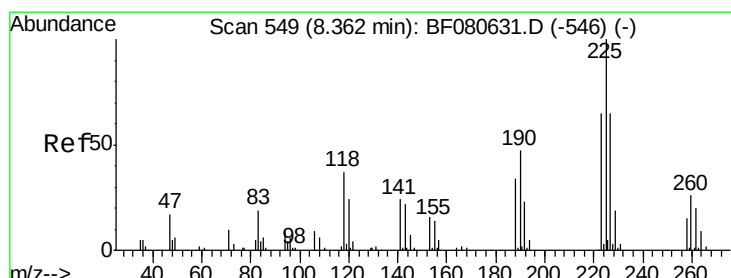
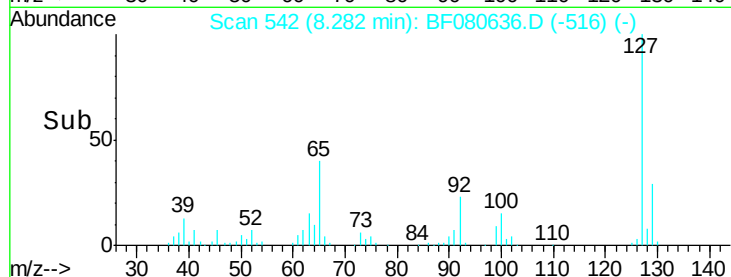
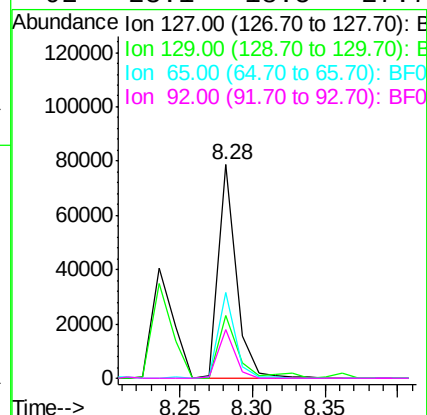
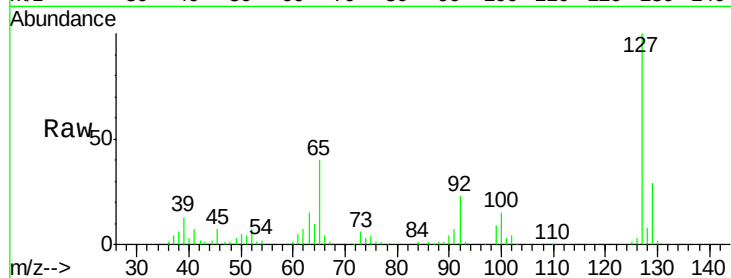
#33
4-Chloroaniline
Concen: 14.97 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion:	127	Resp:	67767
Ion Ratio	Lower	Upper	
127	100		
129	29.2	25.8	38.6
65	40.0	32.5	48.7
92	23.1	18.5	27.7

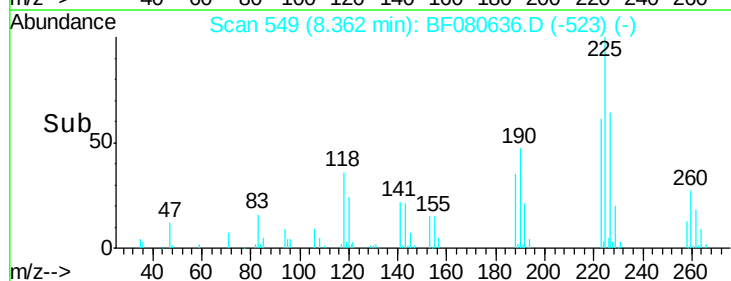
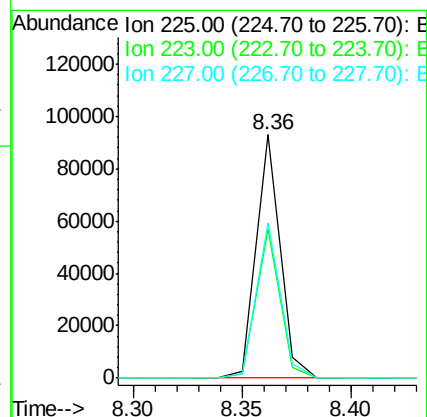
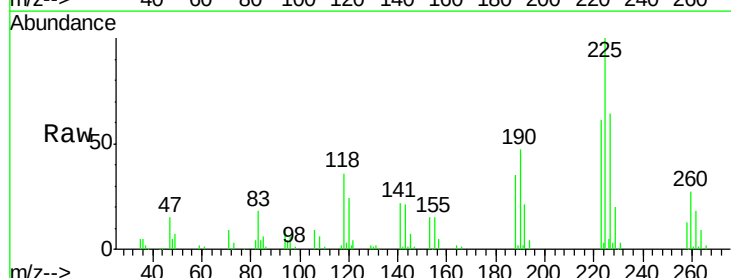
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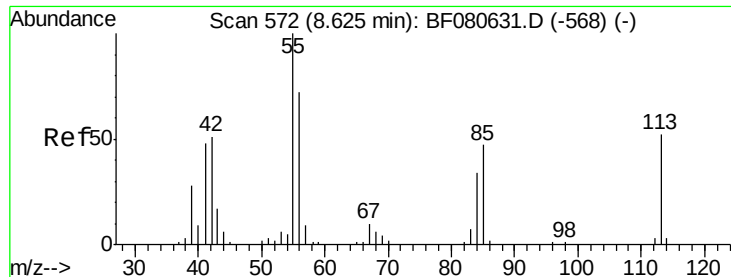
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#34
Hexachlorobutadiene
Concen: 30.44 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion:	225	Resp:	71039
Ion Ratio	Lower	Upper	
225	100		
223	61.2	51.9	77.9
227	63.9	51.6	77.4





#35

Caprolactam

Concen: 31.31 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

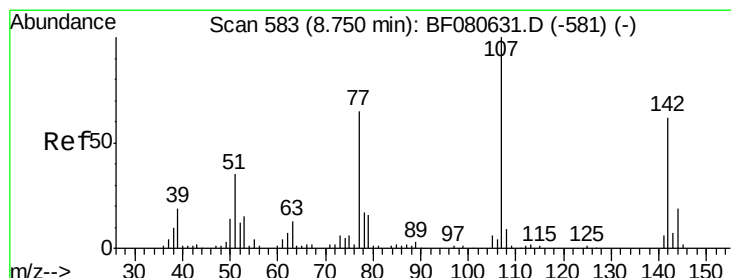
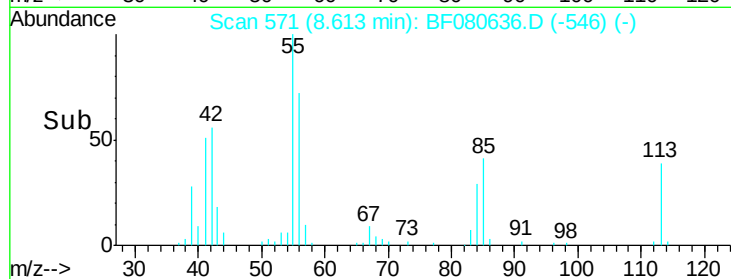
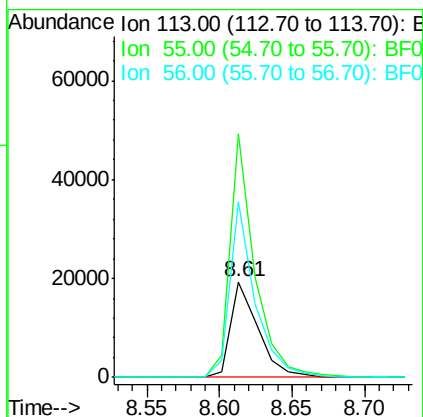
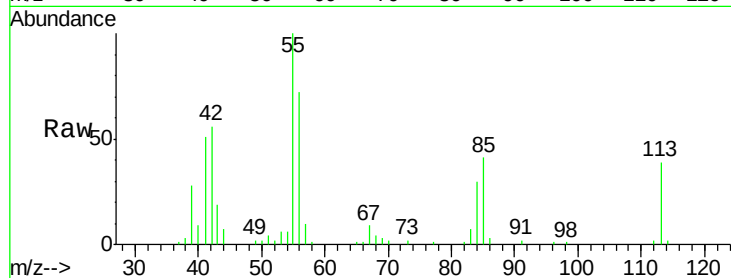
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
113	100		
55	254.4	170.7	210.7#
56	183.5	118.2	158.2#

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#36

4-Chloro-3-methylphenol

Concen: 31.23 ng

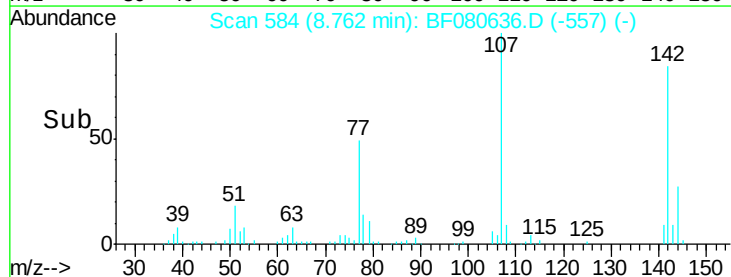
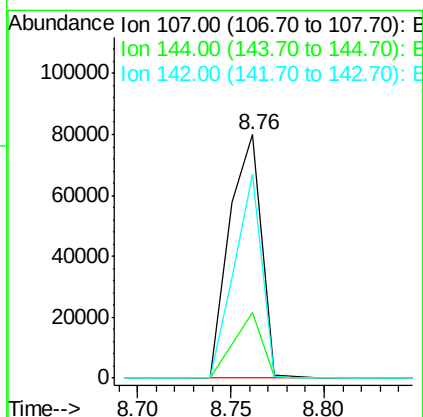
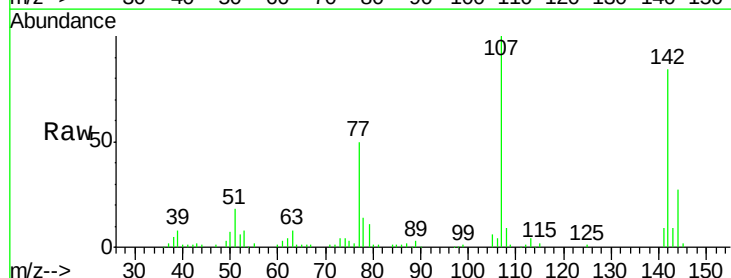
RT: 8.76 min Scan# 584

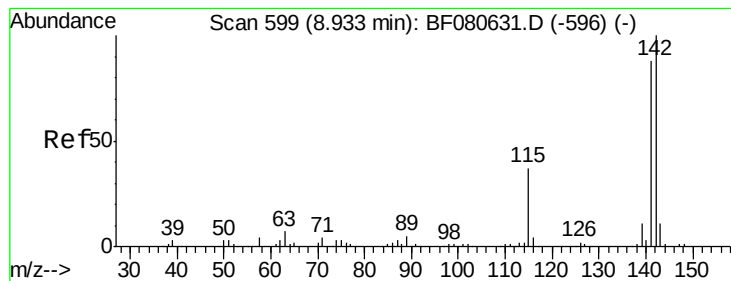
Delta R.T. 0.01 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	15.0	22.6#
142	83.7	49.5	74.3#





#37

2-Methylnaphthalene

Concen: 30.69 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080636.D

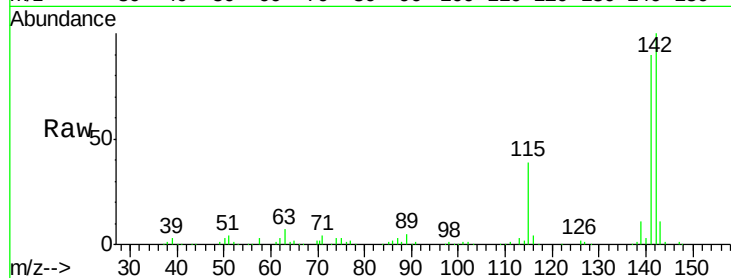
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

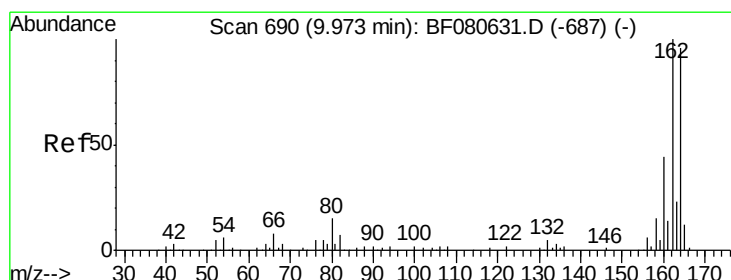
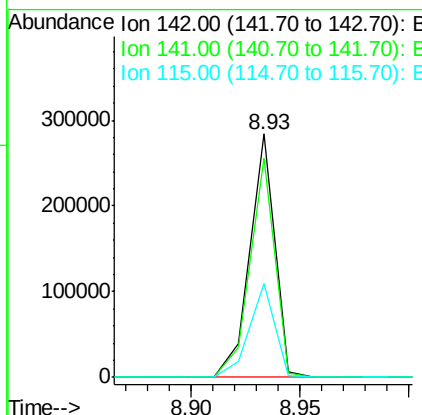
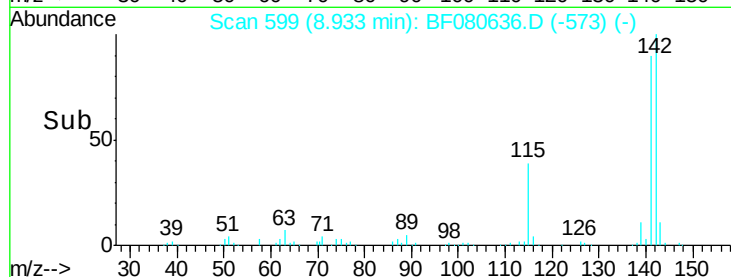
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Tgt Ion:	142	Resp:	225473
Ion Ratio	Lower	Upper	
142	100		
141	90.0	70.7	106.1
115	38.6	29.3	43.9

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#38

Acenaphthene-d10

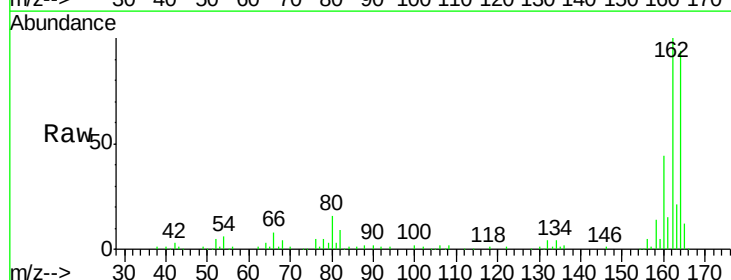
Concen: 20.00 ng

RT: 9.97 min Scan# 690

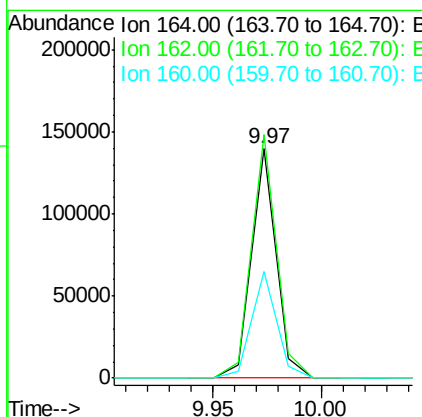
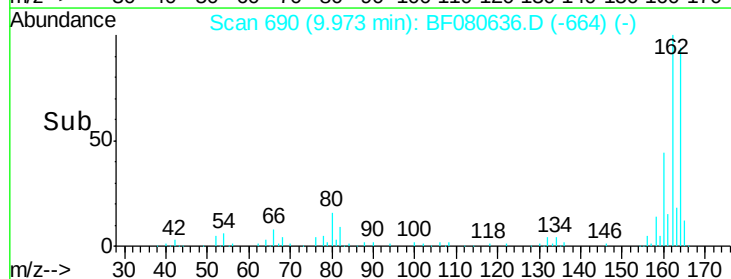
Delta R.T. -0.00 min

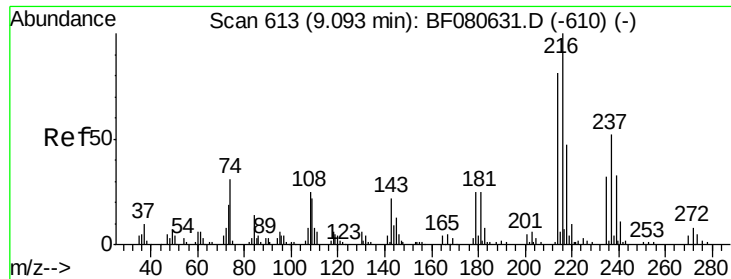
Lab File: BF080636.D

Acq: 24 Jul 2015 20:21



Tgt Ion:	164	Resp:	109320
Ion Ratio	Lower	Upper	
164	100		
162	106.1	83.3	124.9
160	46.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.92 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080636.D

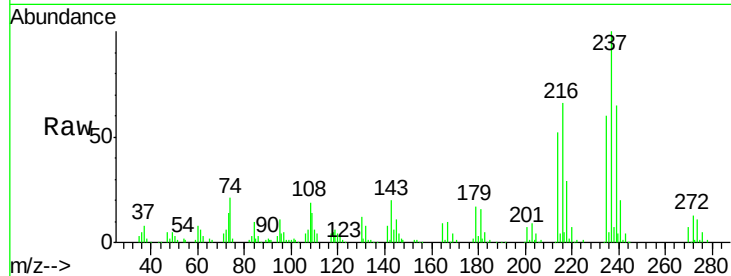
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampled :

PB84491BS



Tgt Ion: 216 Resp: 97635

Ion Ratio Lower Upper

216 100

214 77.8 62.5 93.7

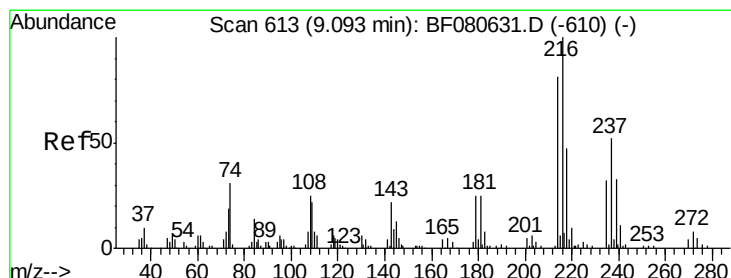
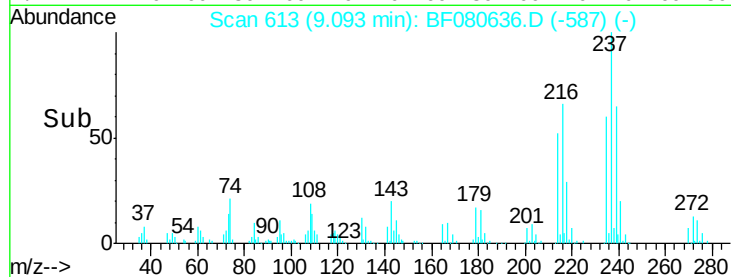
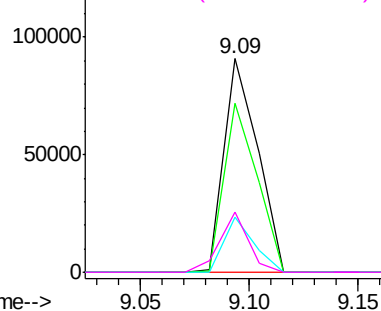
179 22.9 18.7 28.1

108 24.0 17.6 26.4

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 72.53 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

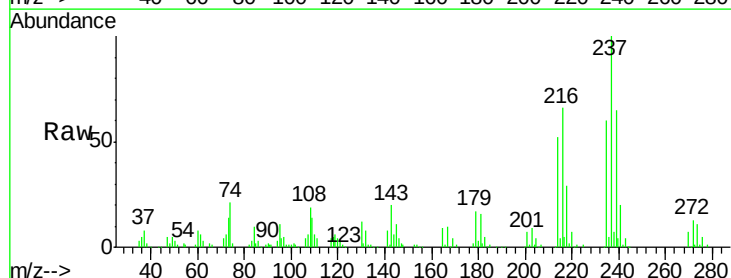
Tgt Ion: 237 Resp: 136180

Ion Ratio Lower Upper

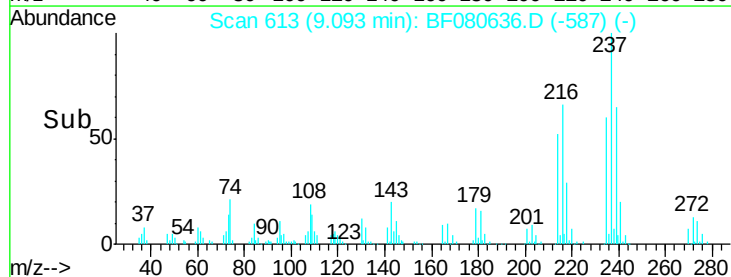
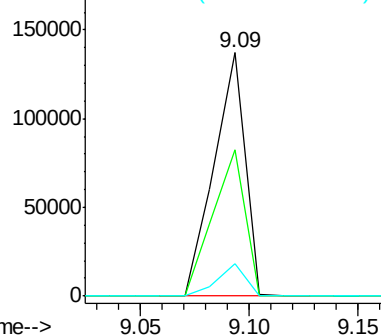
237 100

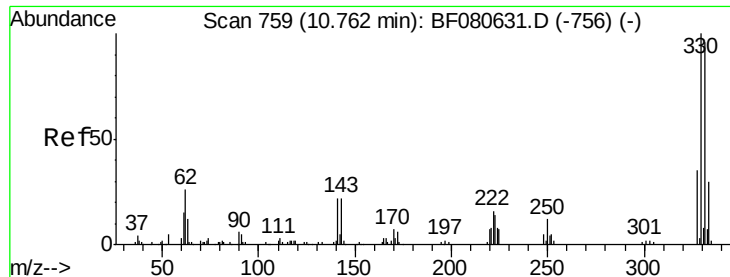
235 60.3 41.6 81.6

272 13.1 0.0 35.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 117.60 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

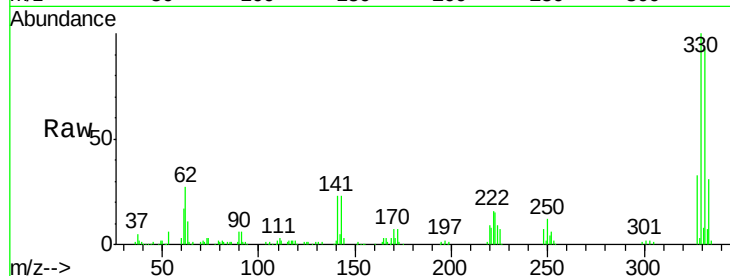
PB84491BS

Tgt Ion:	330	Resp:	115502
Ion Ratio	Lower	Upper	
330	100		
332	93.8	76.7	115.1
141	36.7	32.7	49.1

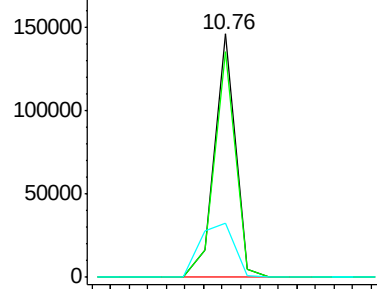
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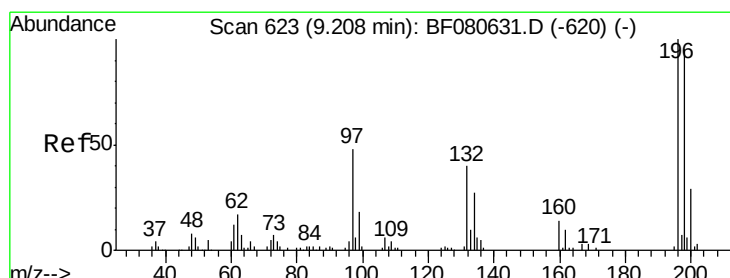
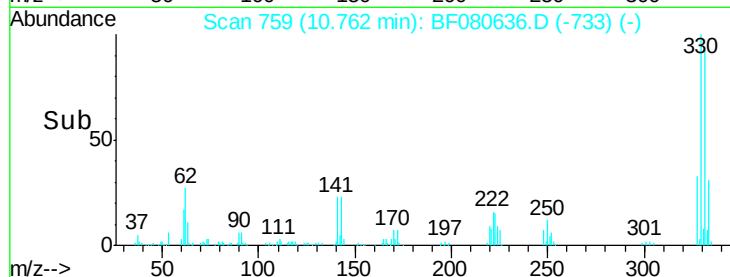
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time-->



#42

2,4,6-Trichlorophenol

Concen: 32.47 ng

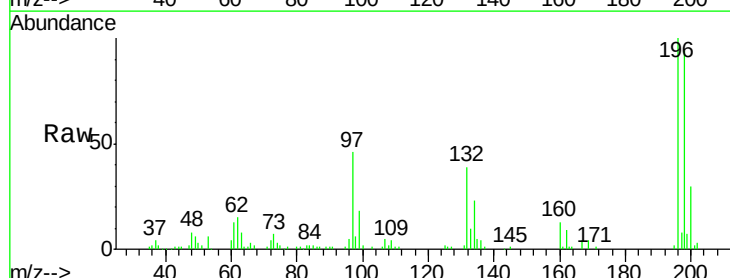
RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

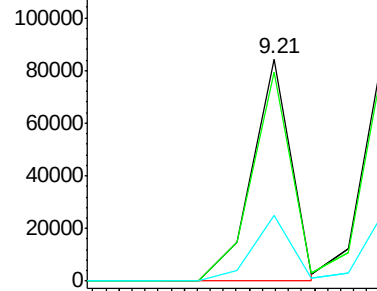
Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

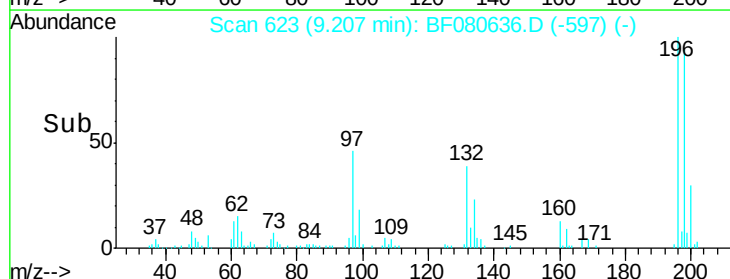
Tgt Ion:	196	Resp:	69944
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.8	113.8
200	29.8	23.5	35.3

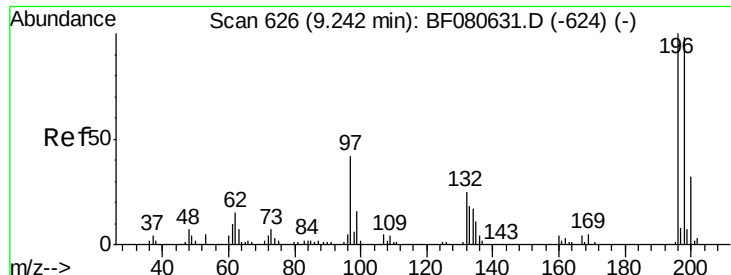


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



Time-->





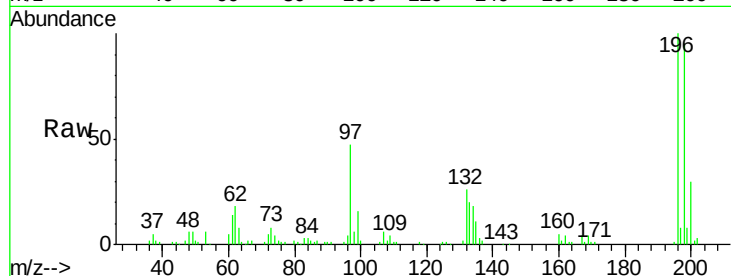
#43
 2,4,5-Trichlorophenol
 Concen: 33.41 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

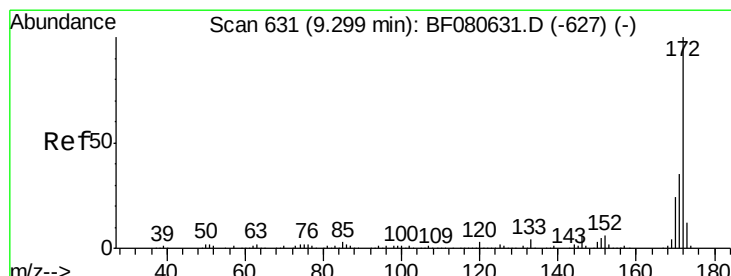
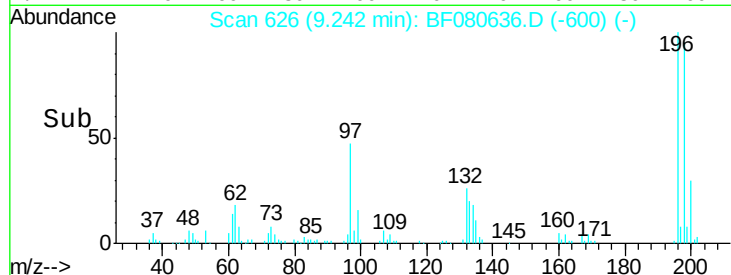
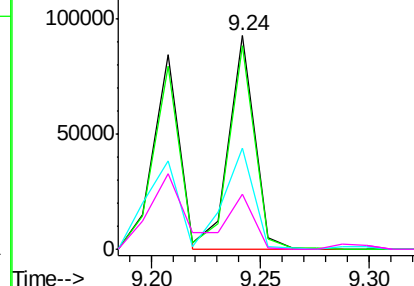
Tgt Ion:	196	Resp:	75390
Ion Ratio	Lower	Upper	
196	100		
198	95.1	78.3	117.5
97	47.4	33.1	49.7
132	25.8	19.8	29.8

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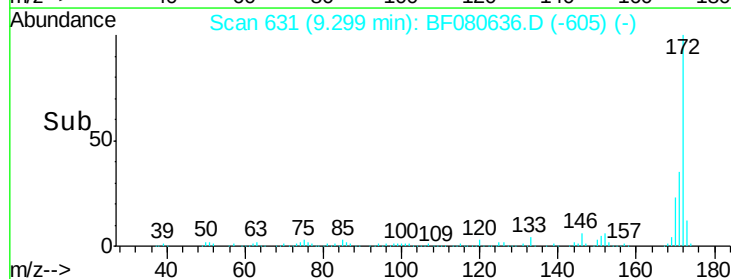
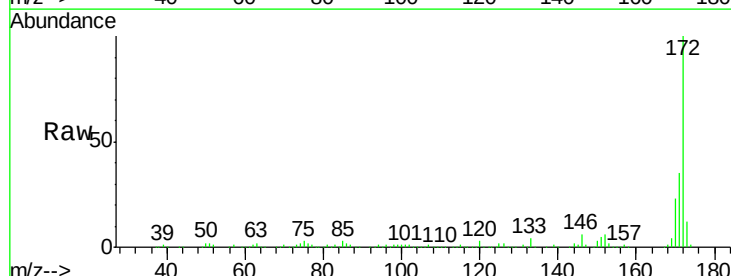
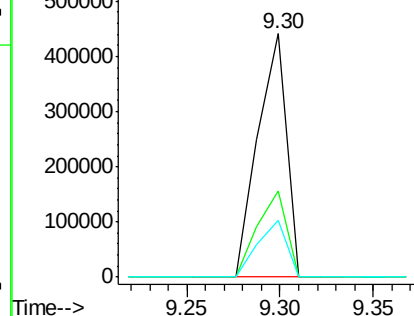
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

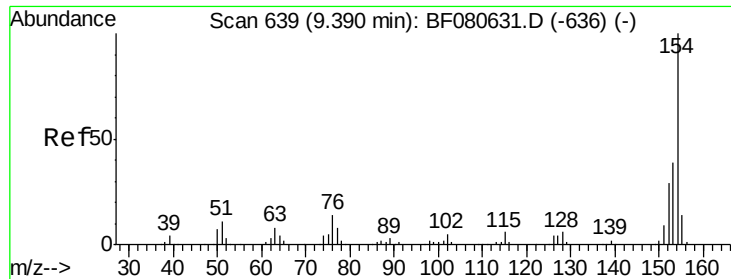


#44
 2-Fluorobiphenyl
 Concen: 66.98 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:	172	Resp:	474538
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.7	41.5
170	23.5	19.0	28.4

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





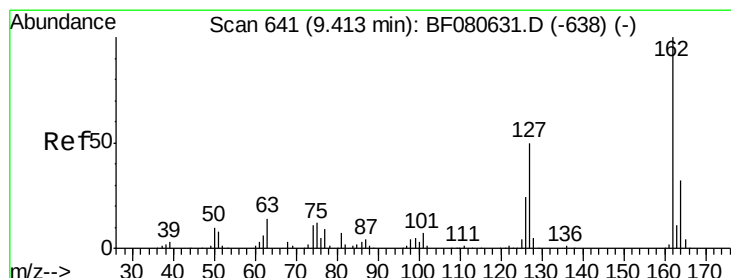
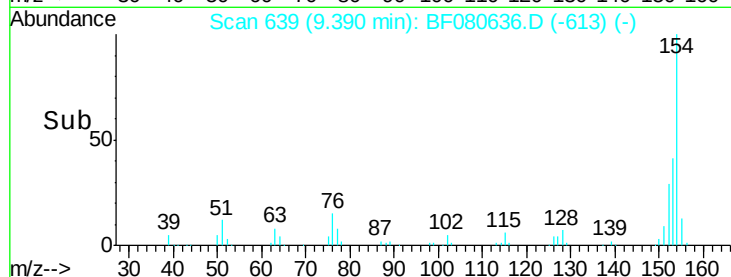
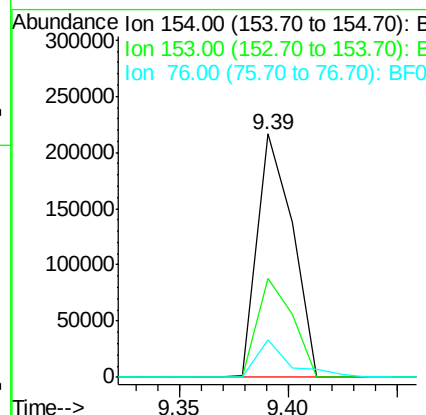
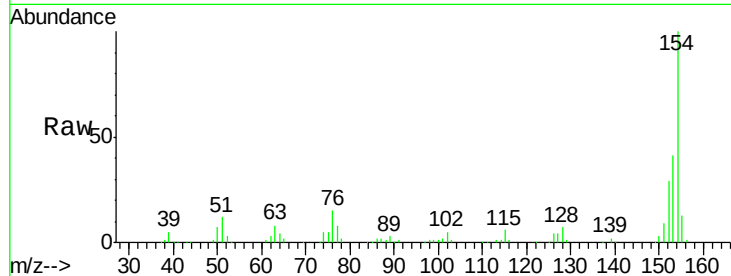
#45
 1,1'-Biphenyl
 Concen: 31.93 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampled :
 PB84491BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	40.7	19.4	59.4
76	15.2	0.0	34.1

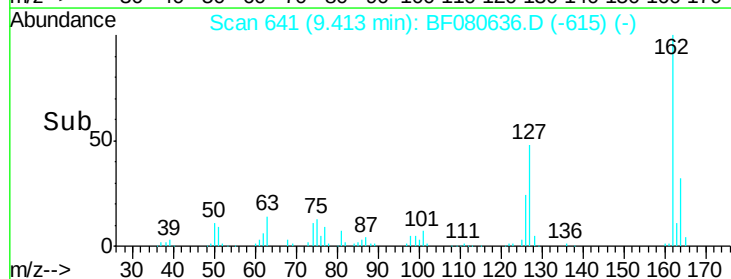
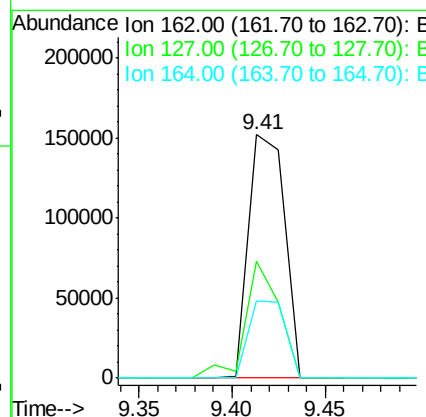
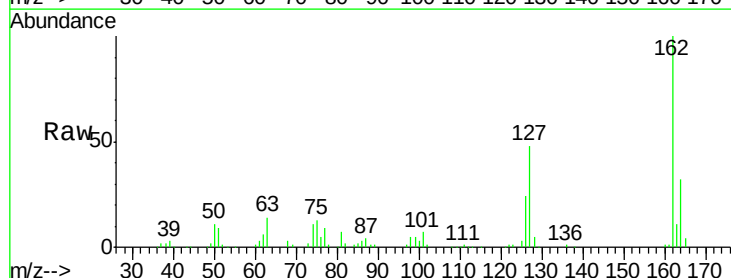
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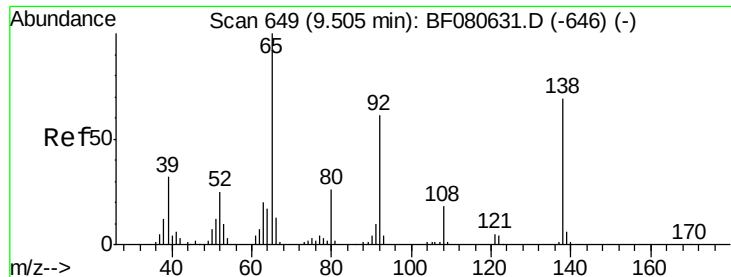
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#46
 2-Chloronaphthalene
 Concen: 31.80 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	48.1	40.3	60.5
164	31.6	25.6	38.4





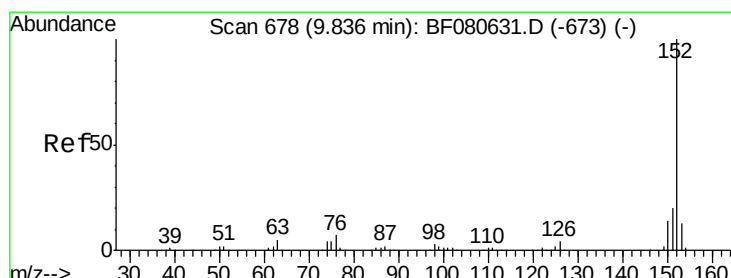
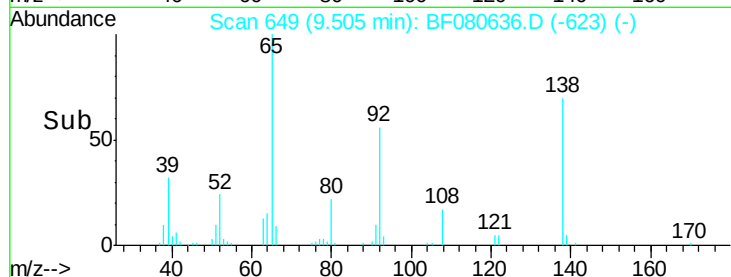
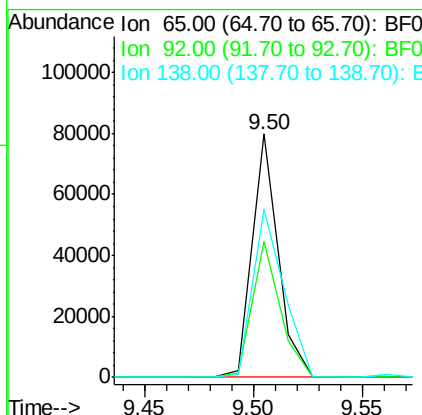
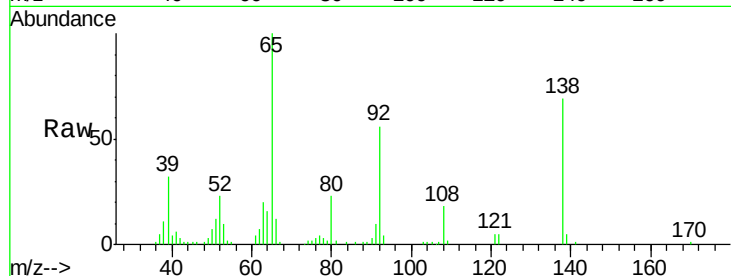
#47
2-Nitroaniline
Concen: 33.63 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.7	48.7	73.1
138	69.1	55.4	83.2

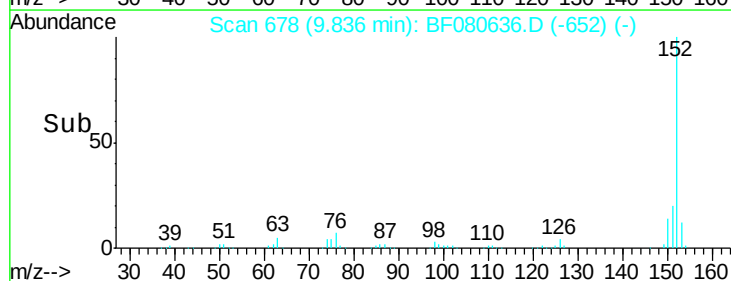
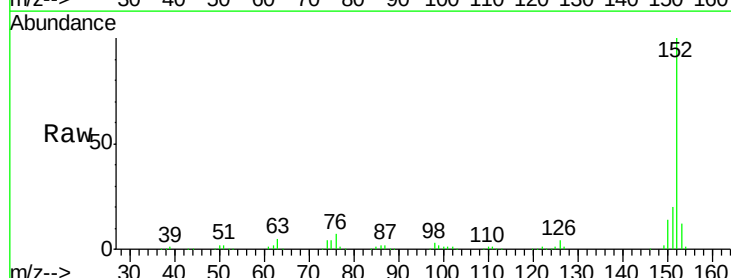
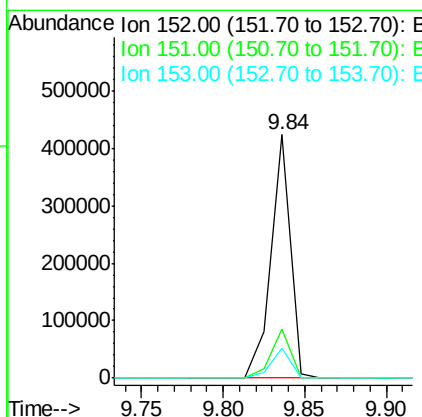
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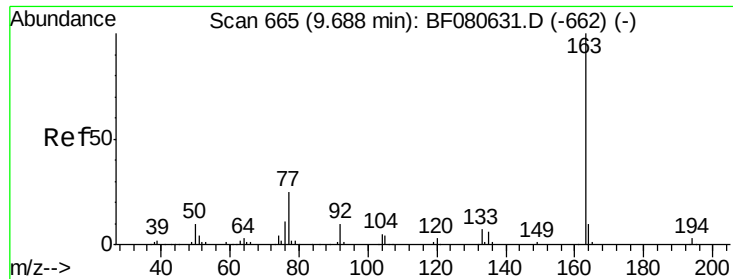
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#48
Acenaphthylene
Concen: 32.55 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	12.4	10.2	15.4





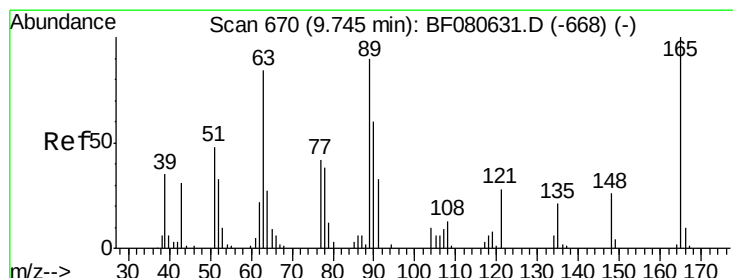
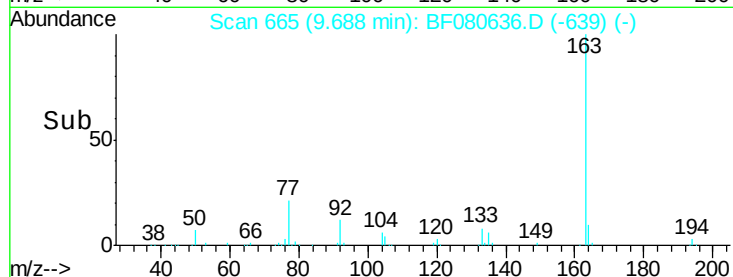
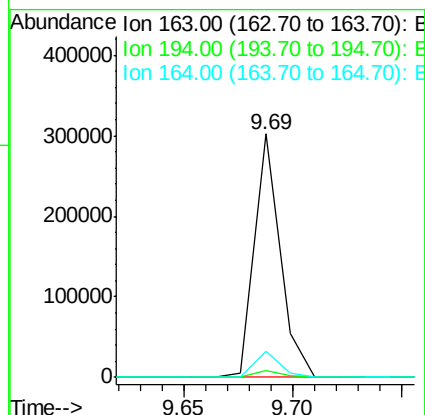
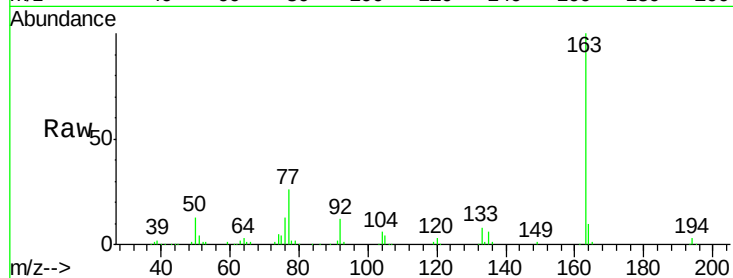
#49
Dimethylphthalate
Concen: 31.76 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	2.5	3.7
164	10.5	8.0	12.0

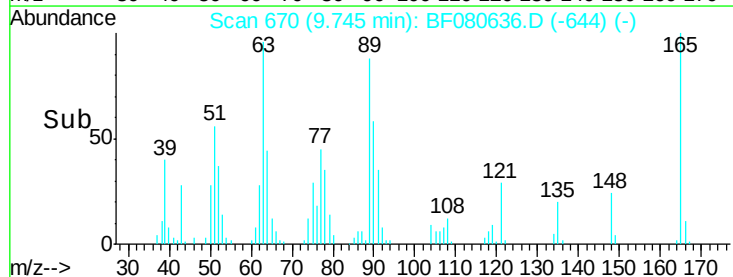
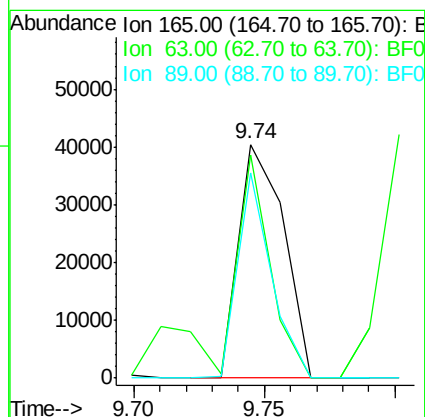
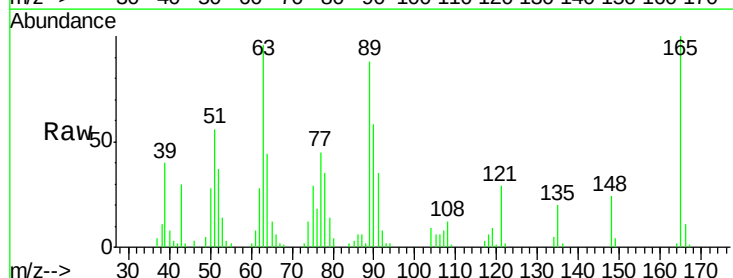
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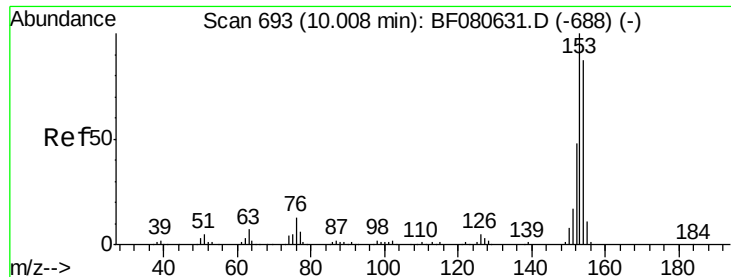
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#50
2,6-Dinitrotoluene
Concen: 34.79 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	95.8	84.0	126.0
89	87.8	71.7	107.5





#51

Acenaphthene

Concen: 36.63 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080636.D

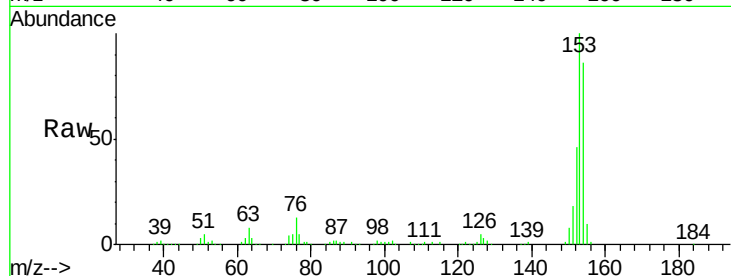
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

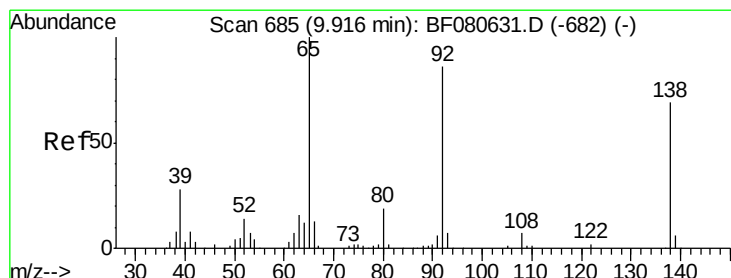
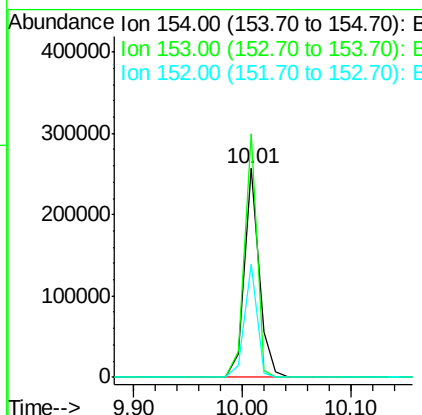
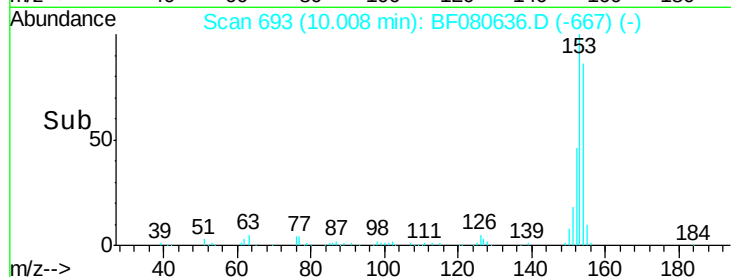
PB84491BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	240461		
153	116.6	91.6	137.4	
152	53.9	44.0	66.0	

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#52

3-Nitroaniline

Concen: 22.77 ng

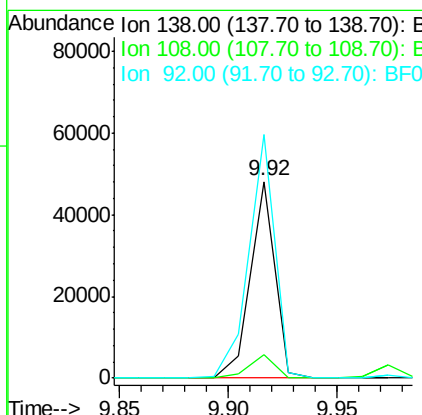
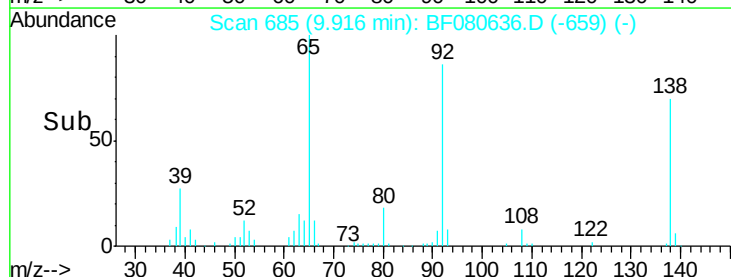
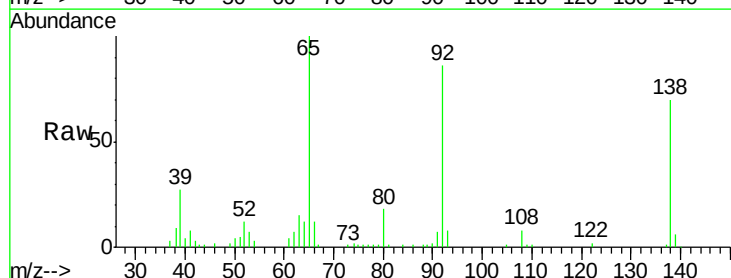
RT: 9.92 min Scan# 685

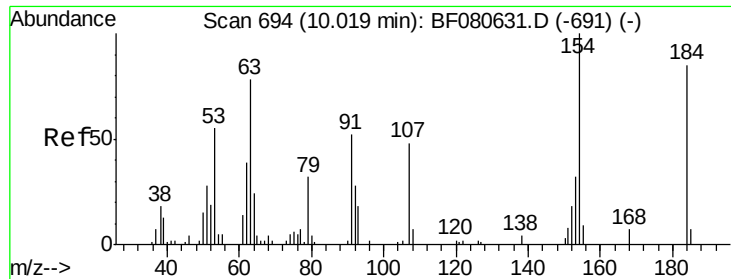
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	37810		
108	12.1	8.6	13.0	
92	123.9	100.1	150.1	





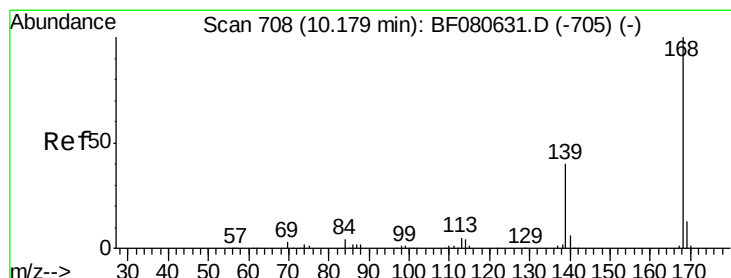
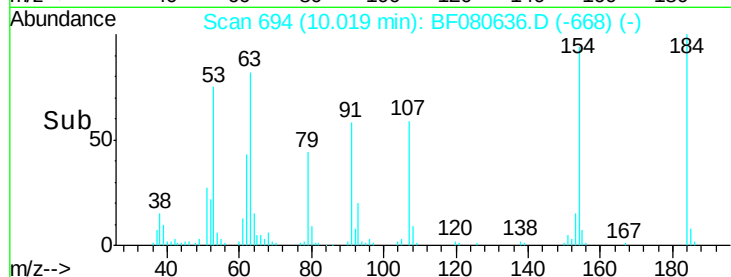
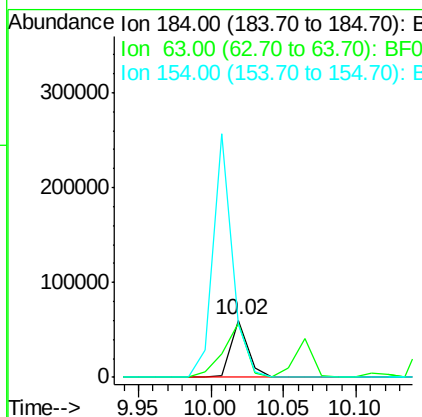
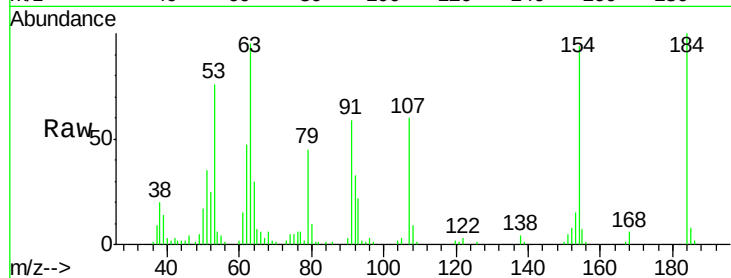
#53
 2,4-Dinitrophenol
 Concen: 70.38 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampled :
 PB84491BS

Tgt Ion:184 Resp: 50067
 Ion Ratio Lower Upper
 184 100
 63 95.1 73.4 110.0
 154 94.0 94.2 141.4#

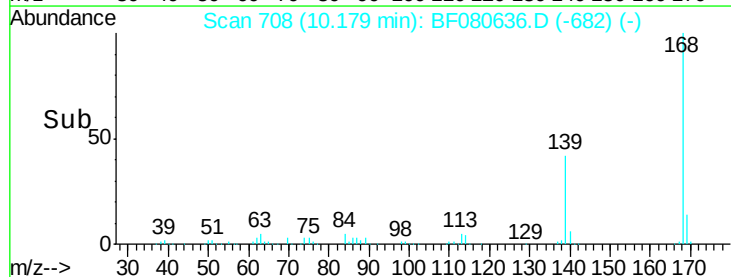
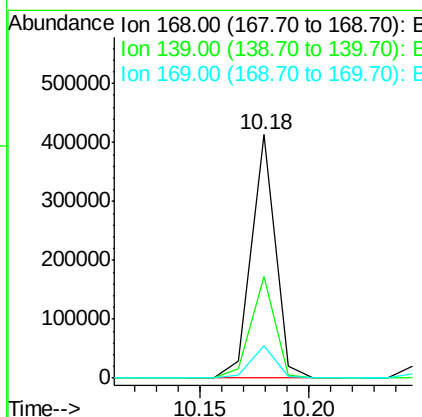
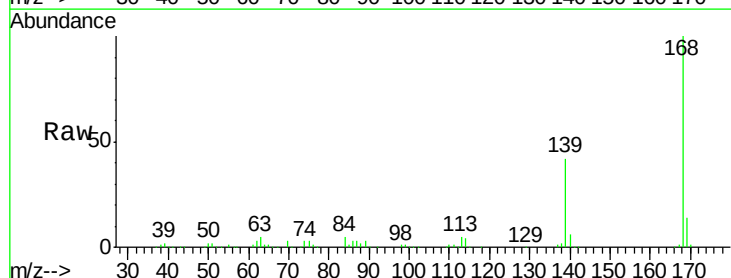
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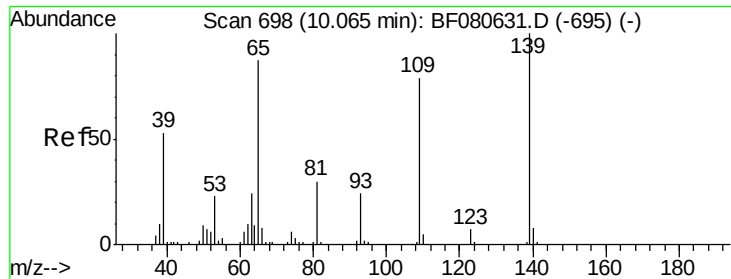
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#54
 Dibenzofuran
 Concen: 33.78 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion:168 Resp: 316438
 Ion Ratio Lower Upper
 168 100
 139 41.5 32.2 48.4
 169 13.5 10.2 15.2





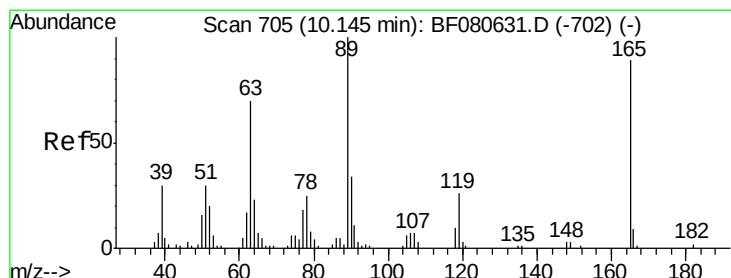
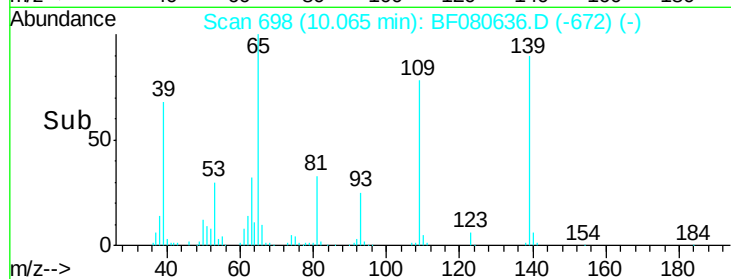
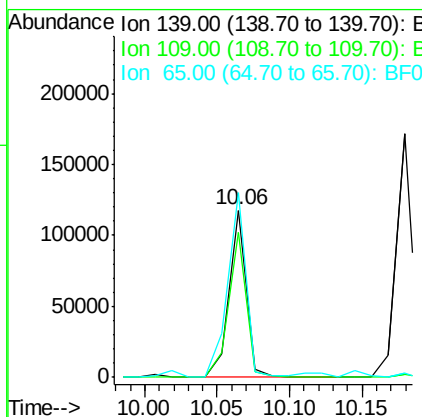
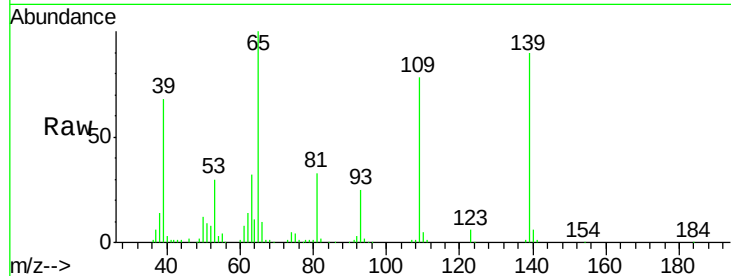
#55
4-Nitrophenol
Concen: 74.49 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	97660		
109	86.5	59.4	99.4	
65	110.8	67.4	107.4	

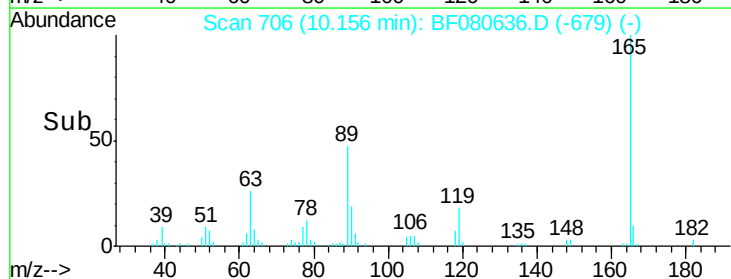
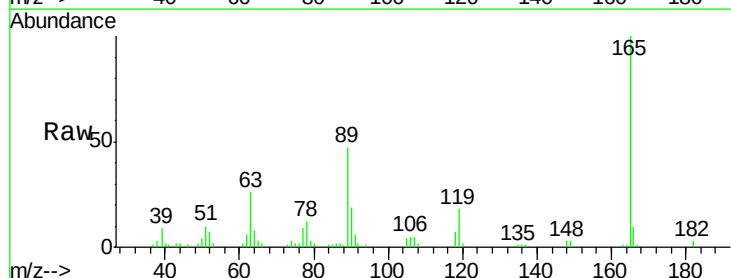
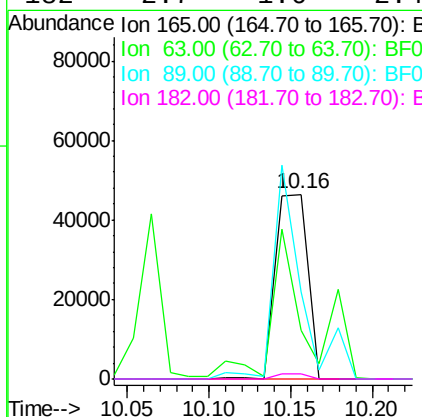
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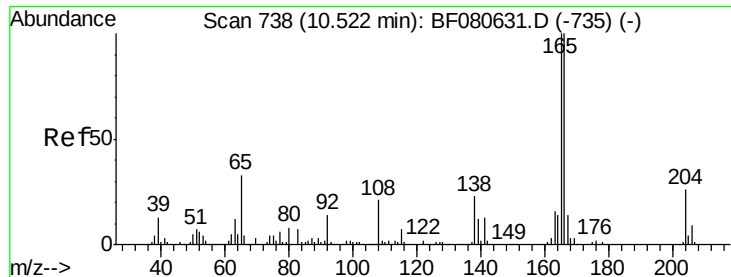
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#56
2,4-Dinitrotoluene
Concen: 34.68 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.01 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	63990		
63	26.3	63.0	94.4	
89	47.1	90.2	135.2	
182	2.7	1.6	2.4	





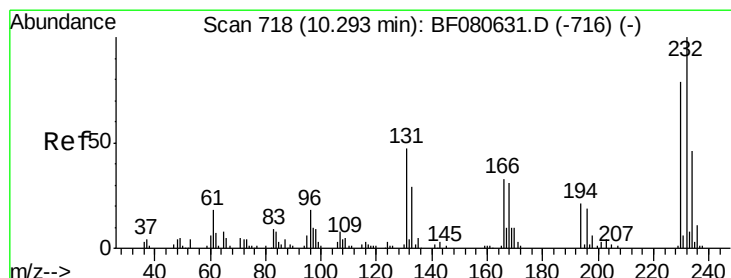
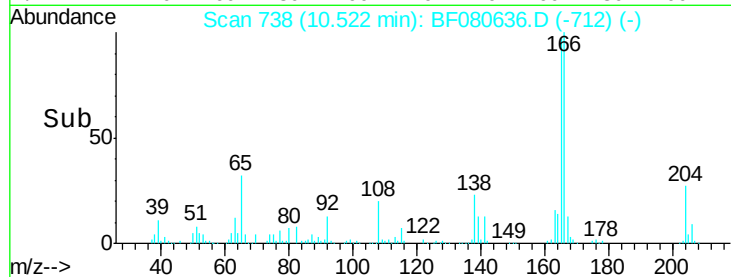
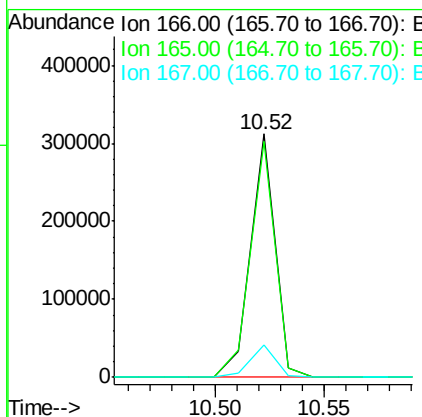
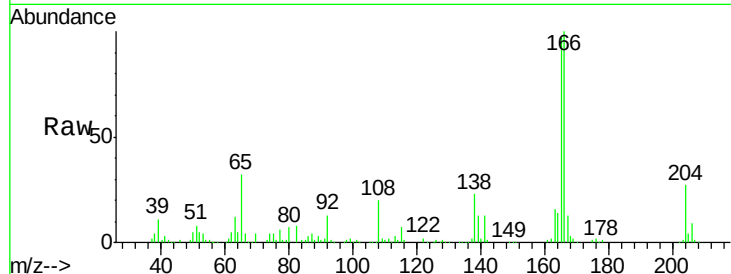
#57
 Fluorene
 Concen: 33.20 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	244871		
165	97.1	80.0	120.0	
167	13.4	10.8	16.2	

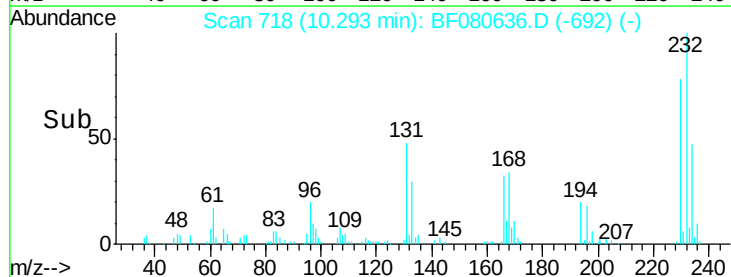
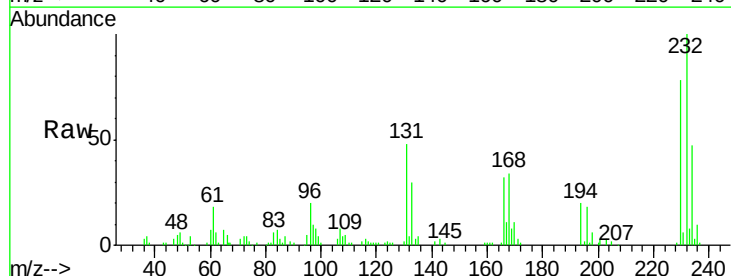
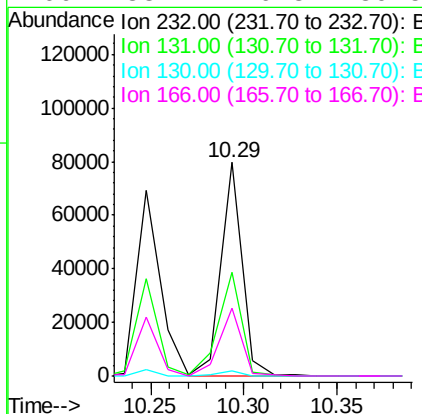
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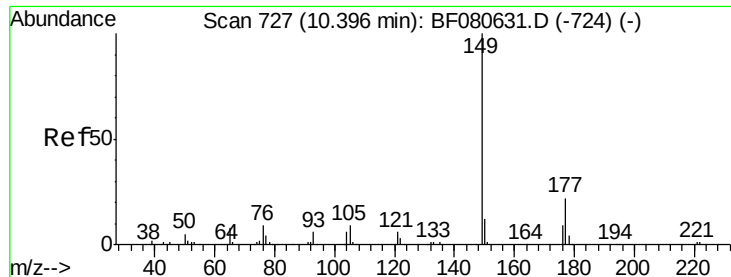
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.42 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	63773		
131	52.8	40.2	60.2	
130	2.5	1.8	2.8	
166	33.1	26.3	39.5	





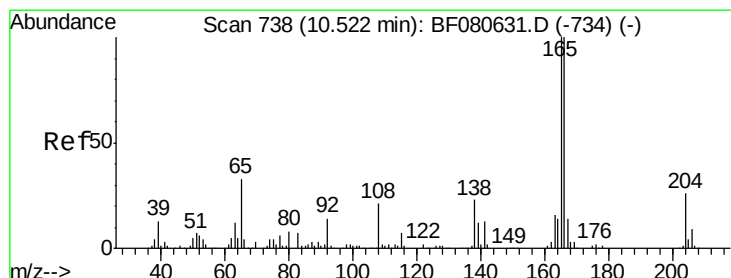
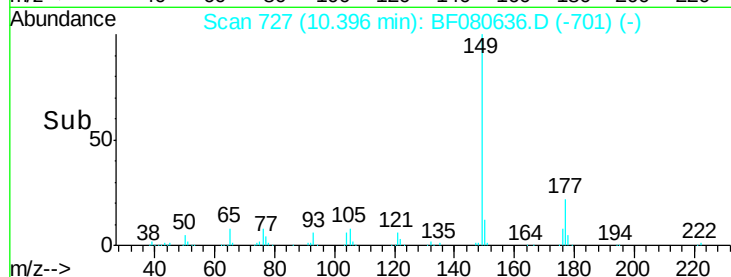
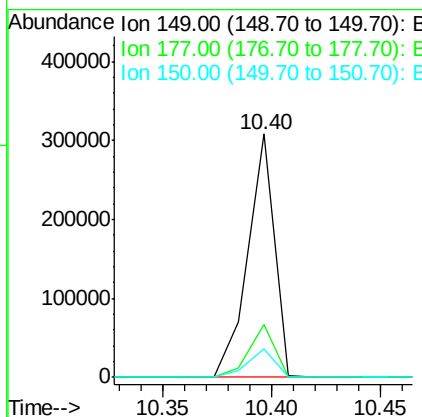
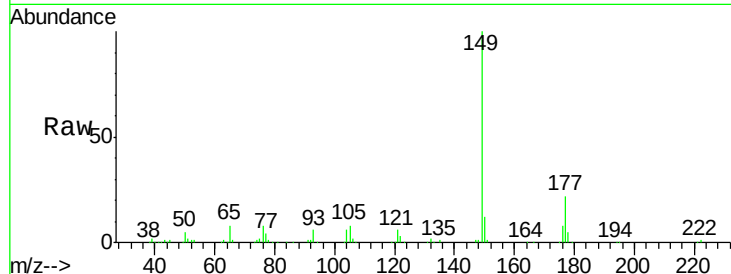
#59
Diethylphthalate
Concen: 33.68 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.8	17.8	26.8
150	12.0	9.8	14.8

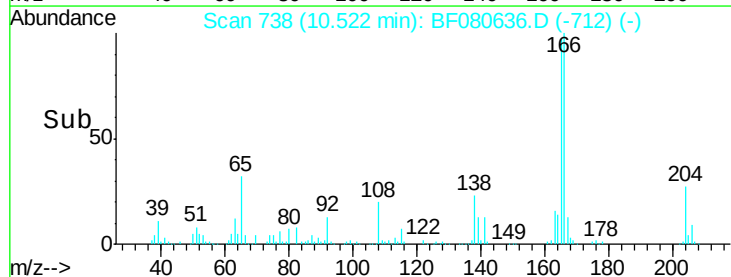
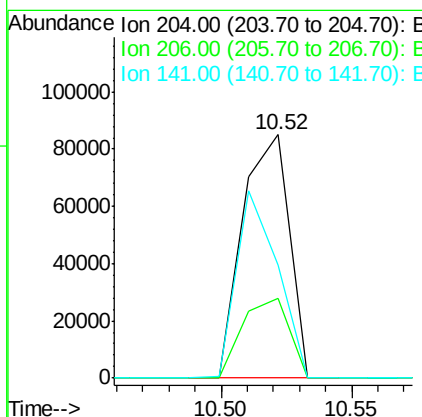
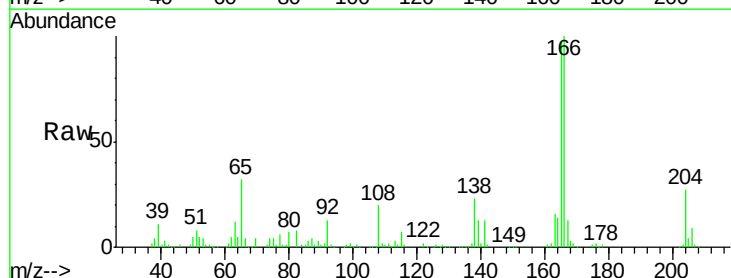
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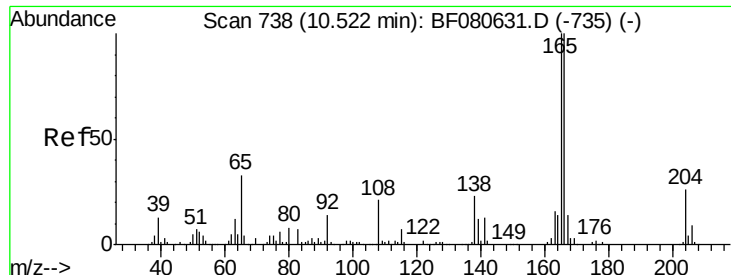
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 32.57 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.8	28.6	43.0
141	46.3	41.0	61.6





#61

4-Nitroaniline

Concen: 34.59 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF080636.D

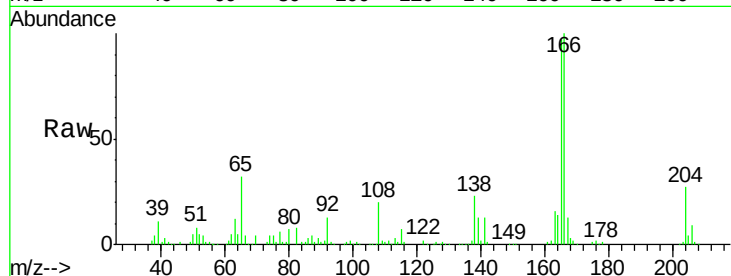
Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

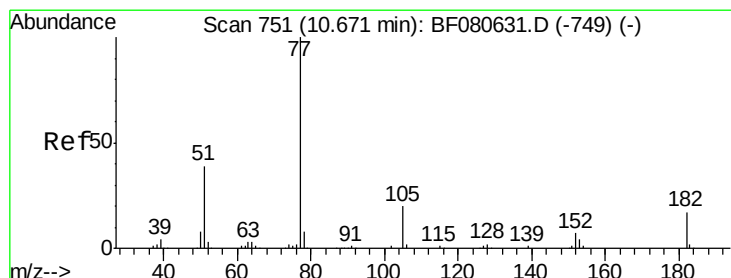
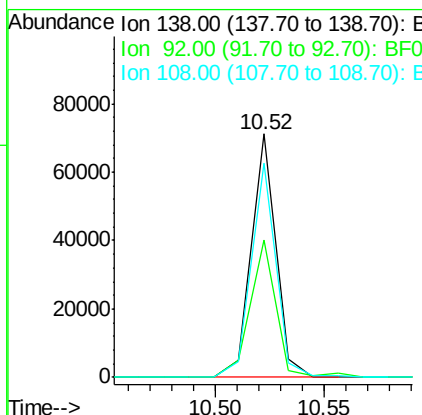
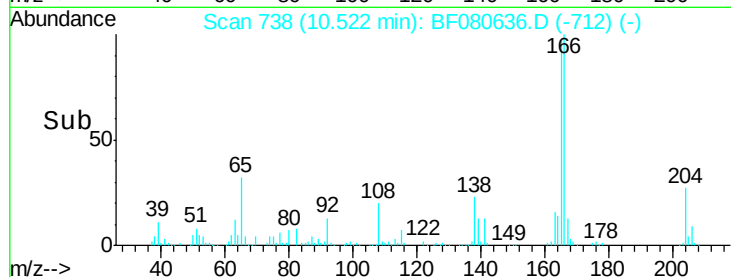
PB84491BS



Tgt Ion:	138	Resp:	55900
Ion Ratio	Lower	Upper	
138	100		
92	56.3	38.2	78.2
108	88.1	70.7	110.7

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#62

Azobenzene

Concen: 33.53 ng

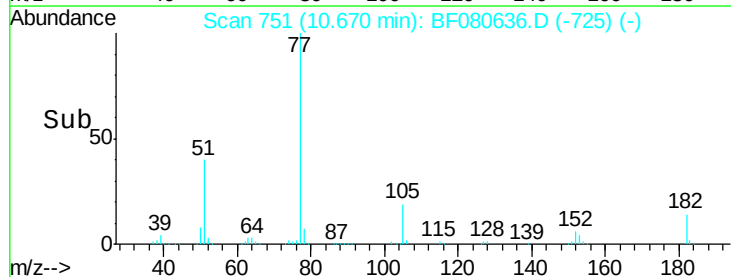
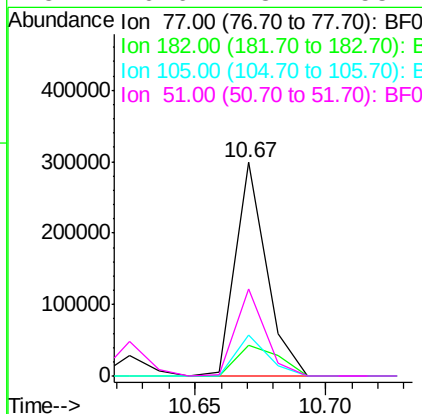
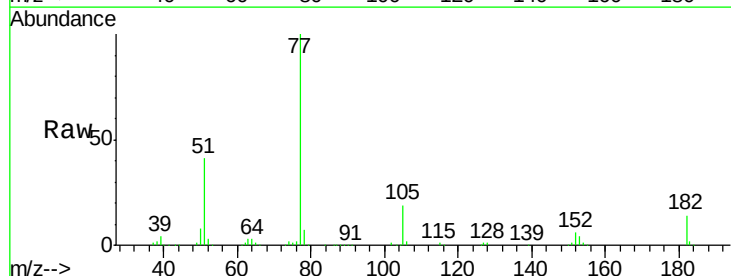
RT: 10.67 min Scan# 751

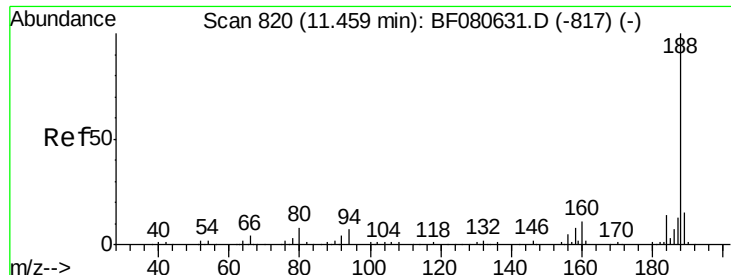
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	77	Resp:	249472
Ion Ratio	Lower	Upper	
77	100		
182	14.3	0.0	36.7
105	19.0	0.0	39.6
51	40.6	18.7	58.7





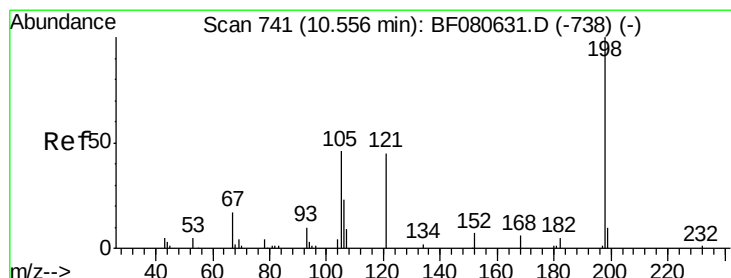
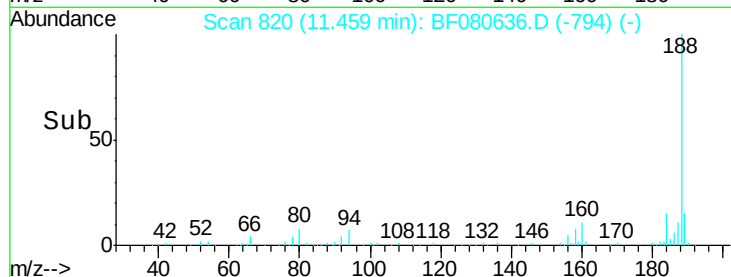
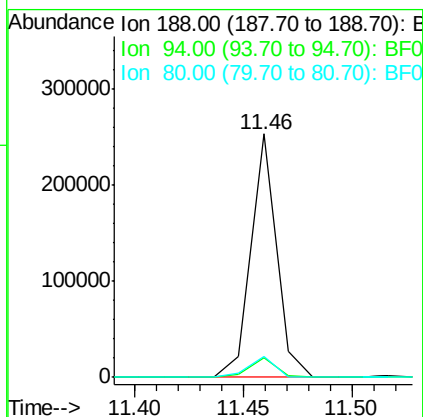
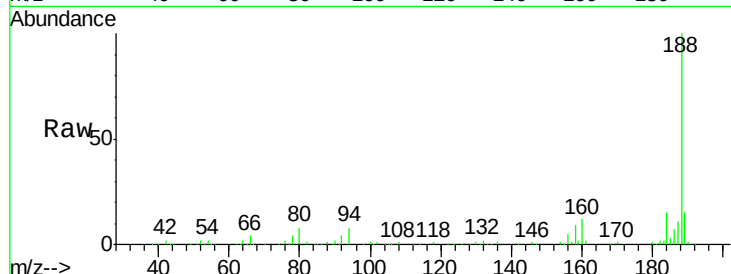
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	5.6	8.4
80	8.5	6.1	9.1

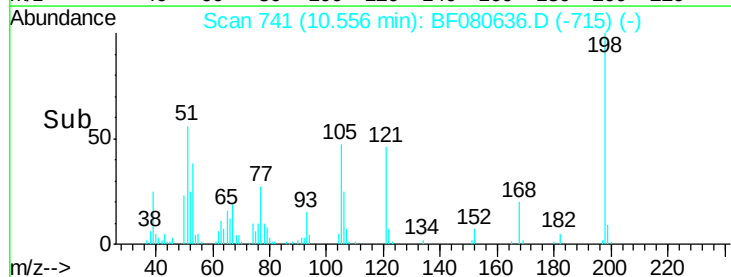
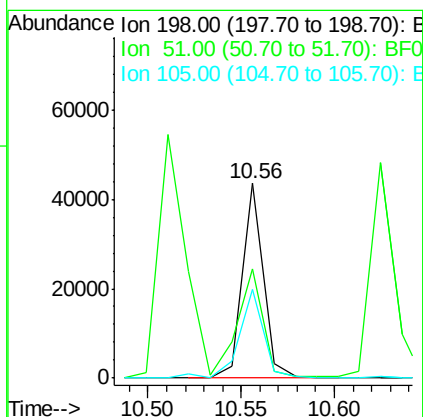
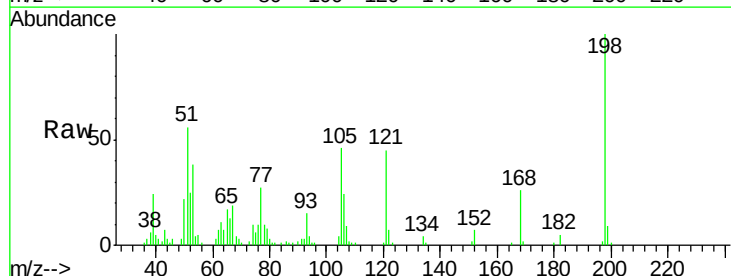
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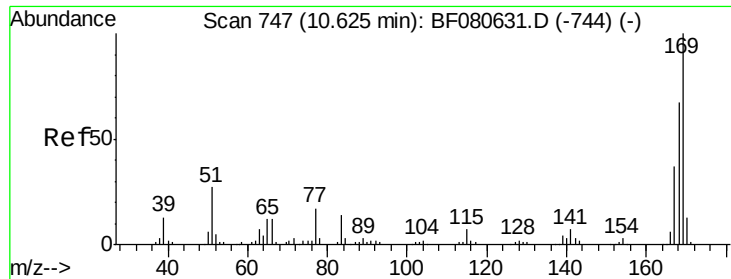
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.70 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	56.1	31.1	71.1
105	45.7	28.6	68.6





#65

n-Nitrosodiphenylamine

Concen: 30.65 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

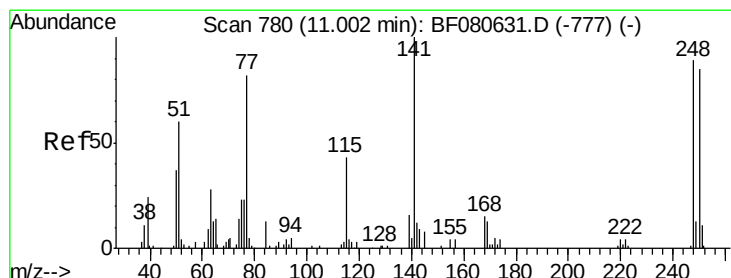
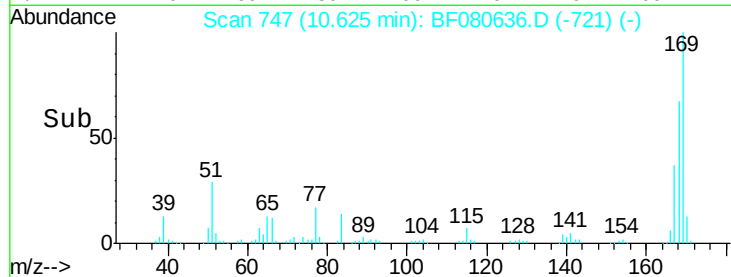
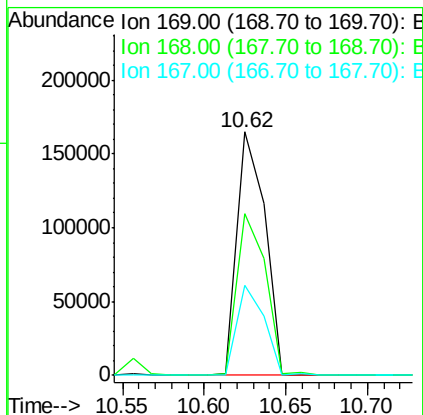
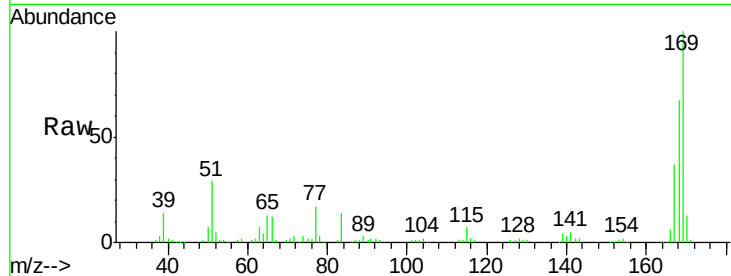
ClientSampleId :

PB84491BS

Tgt Ion:	169	Resp:	194440
Ion Ratio	Lower	Upper	
169	100		
168	66.6	53.4	80.2
167	36.9	29.4	44.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 30.05 ng

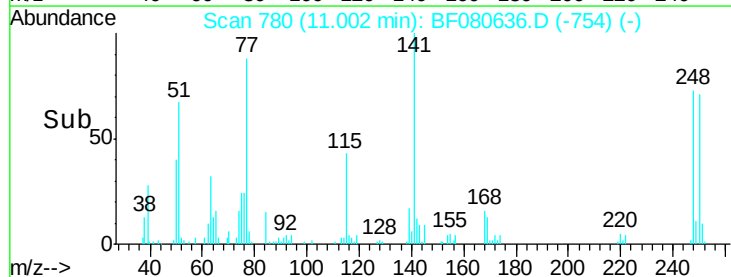
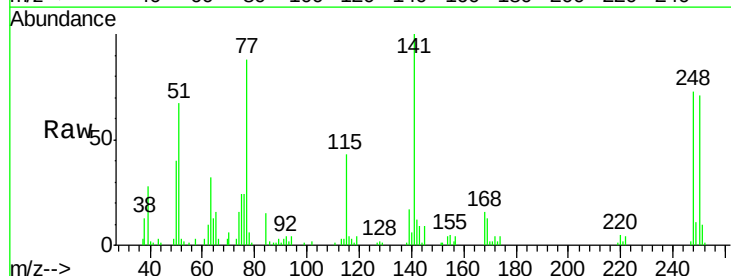
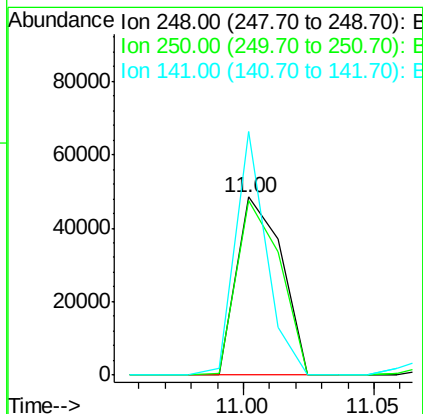
RT: 11.00 min Scan# 780

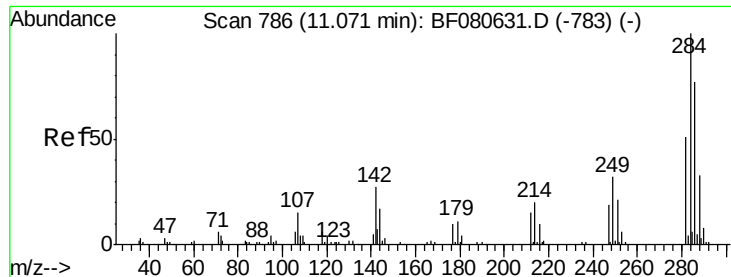
Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	248	Resp:	58622
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.6	114.8
141	136.6	90.0	135.0#





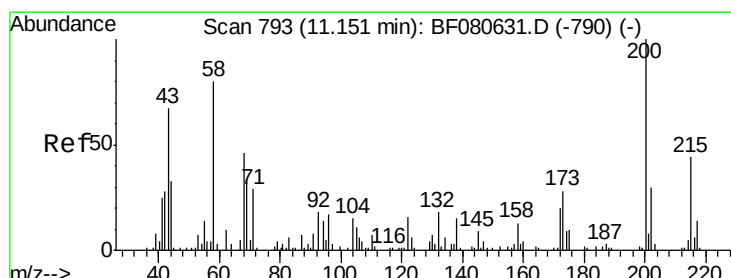
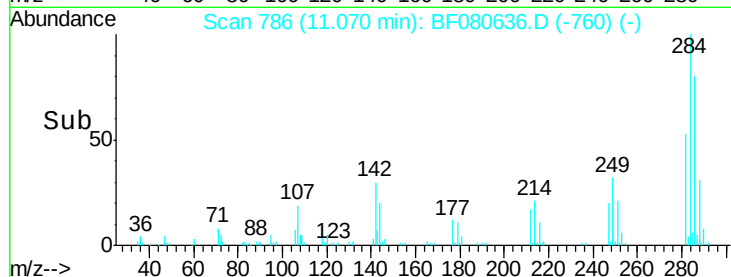
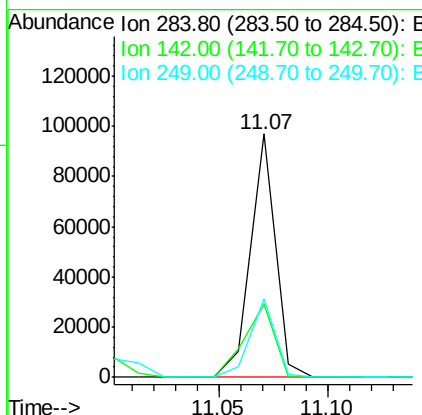
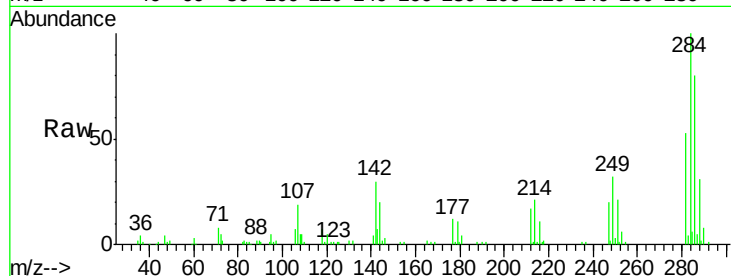
#67
Hexachlorobenzene
Concen: 32.42 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	77033		
142	30.0	21.2	31.8	
249	32.4	25.9	38.9	

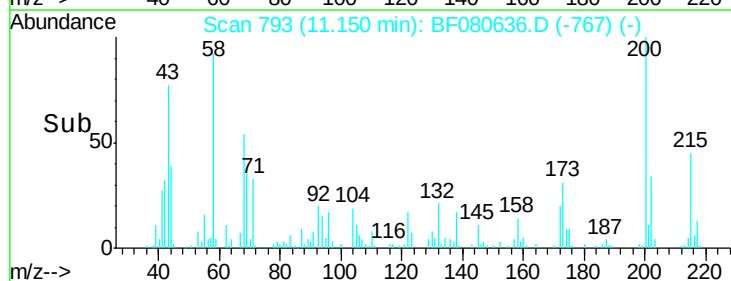
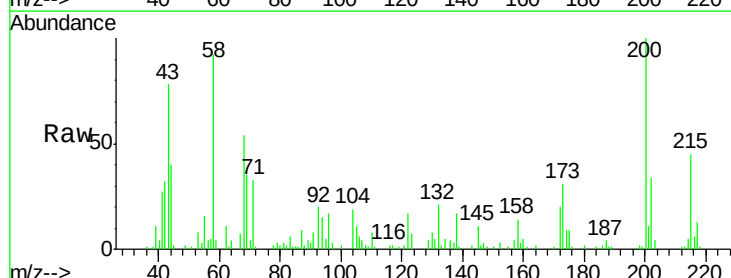
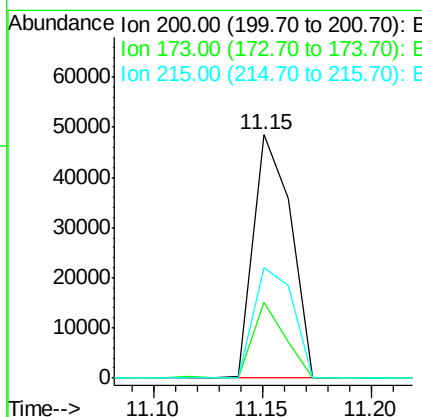
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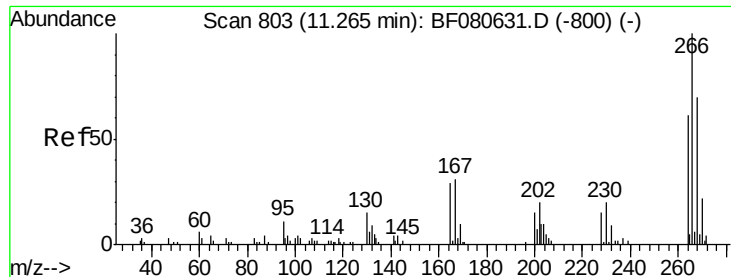
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#68
Atrazine
Concen: 31.52 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	58126		
173	31.3	8.6	48.6	
215	45.4	24.1	64.1	





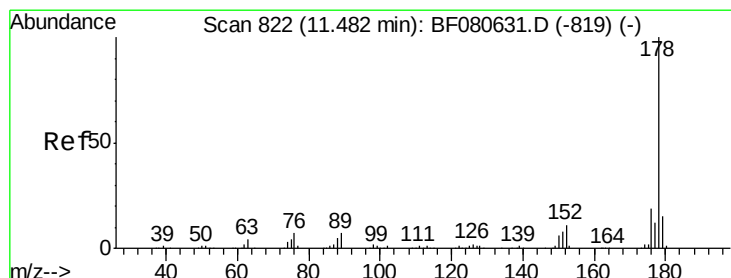
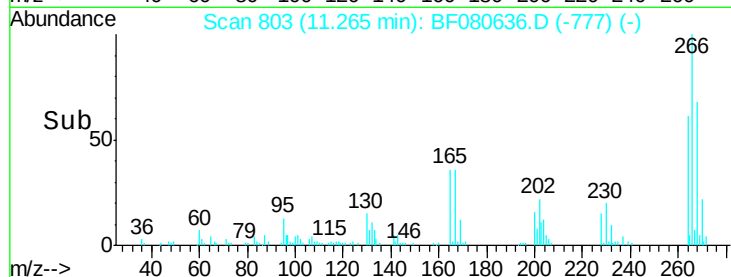
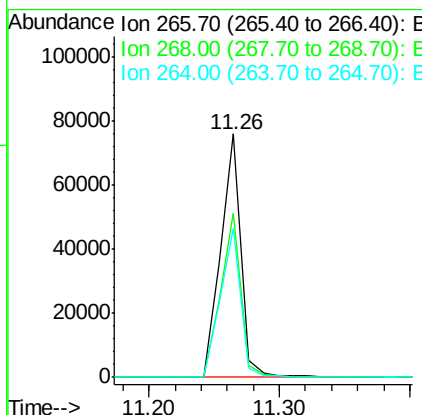
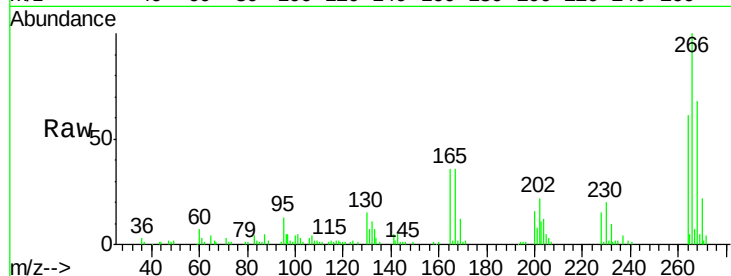
#69
 Pentachlorophenol
 Concen: 69.10 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	81886		
268	67.5	55.6	83.4	
264	61.3	48.7	73.1	

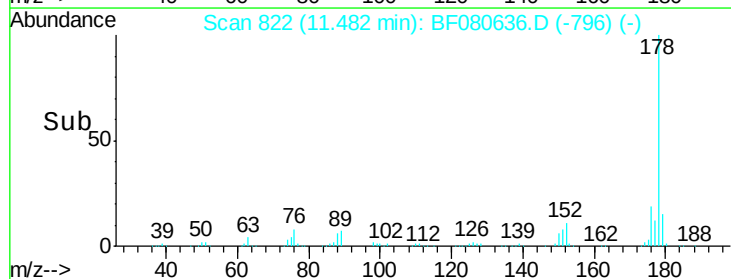
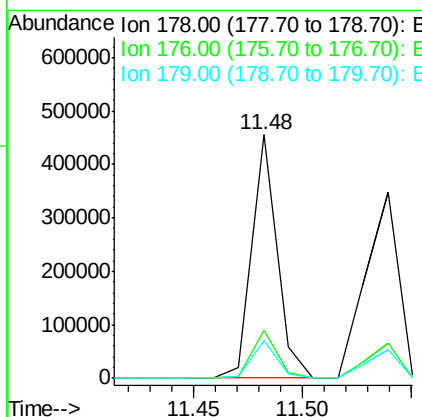
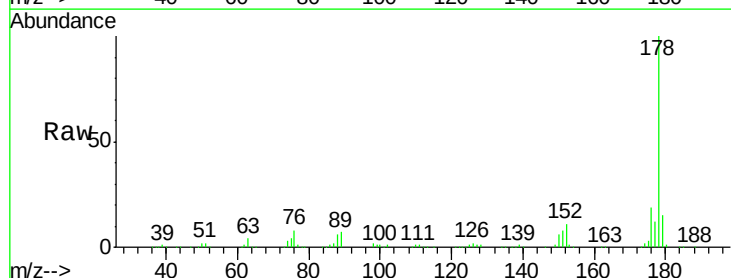
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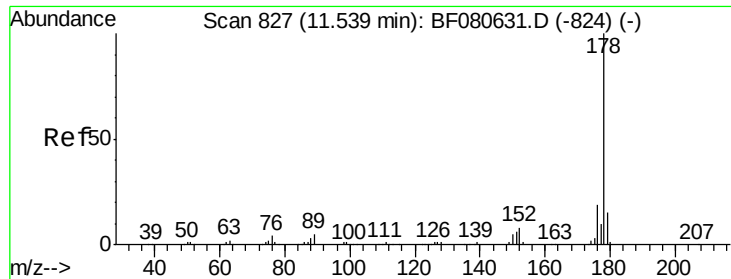
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#70
 Phenanthrene
 Concen: 32.13 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	367236		
176	19.4	15.5	23.3	
179	15.5	11.8	17.8	





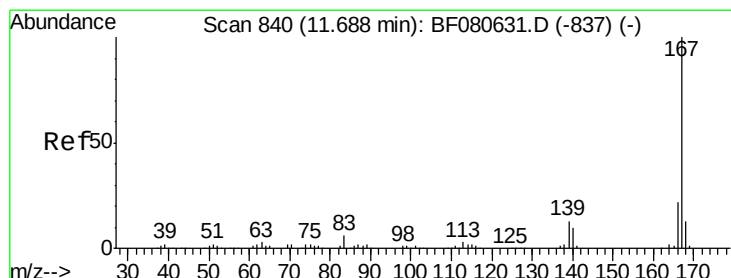
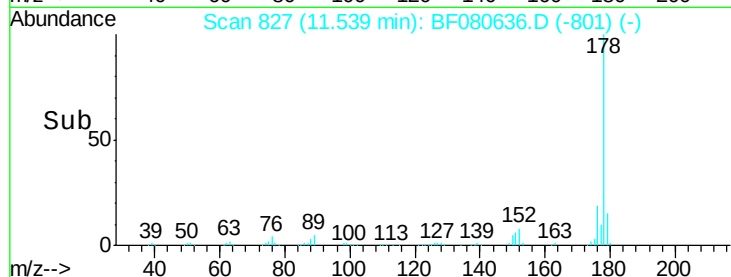
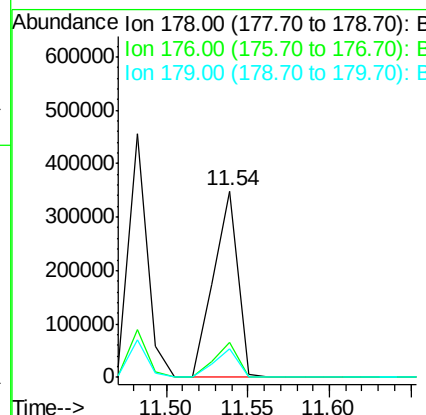
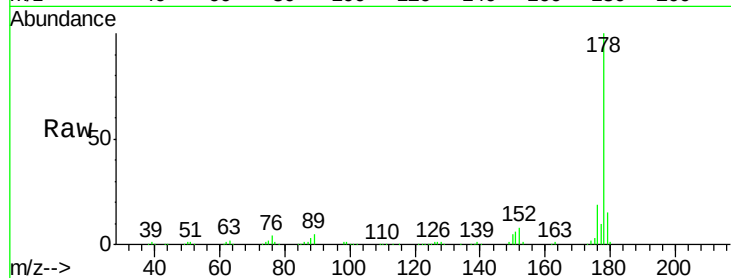
#71
 Anthracene
 Concen: 32.90 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.2	12.1	18.1

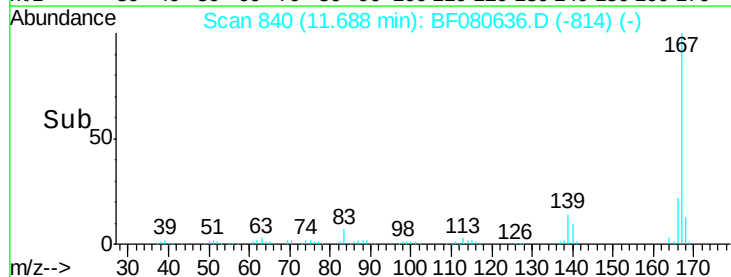
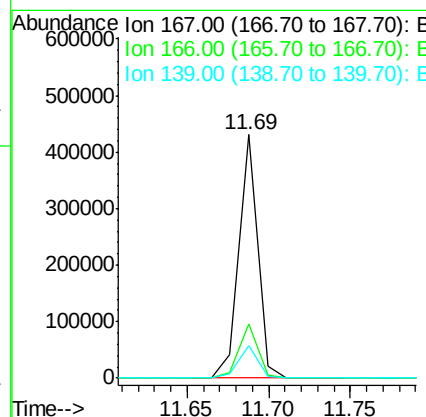
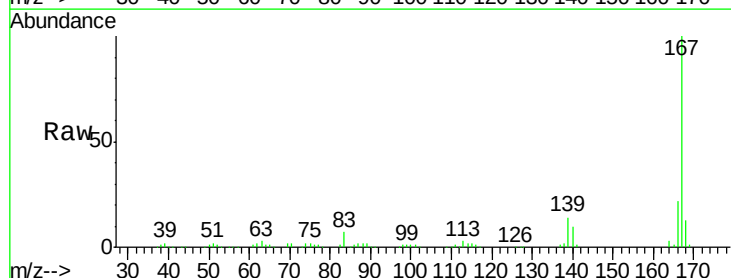
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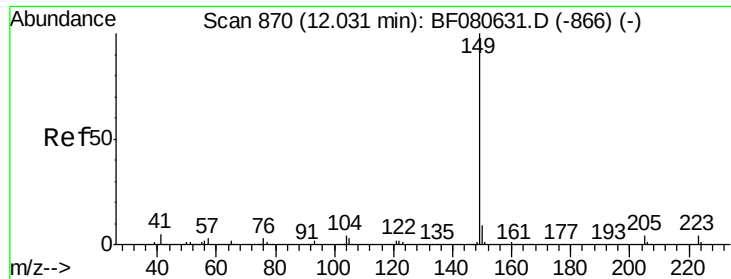
apatel
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#72
 Carbazole
 Concen: 33.99 ng
 RT: 11.69 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.9	26.9
139	13.5	10.6	15.8





#73

Di-n-butylphthalate

Concen: 33.79 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

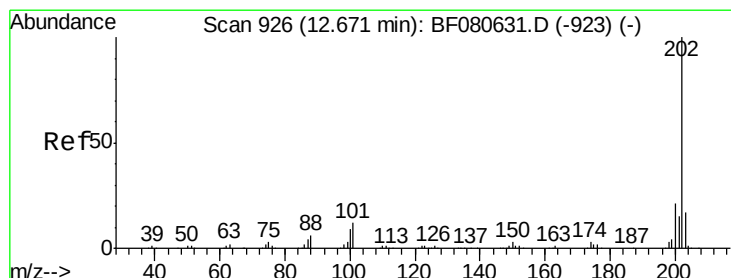
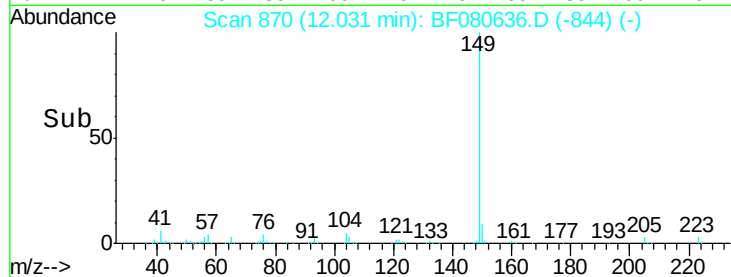
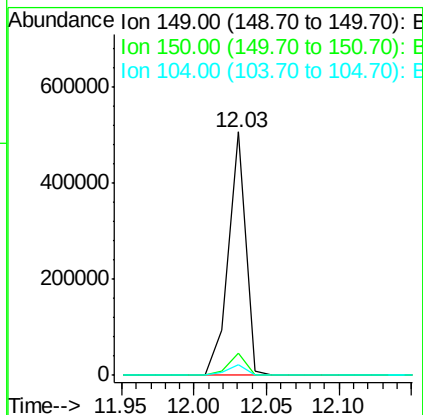
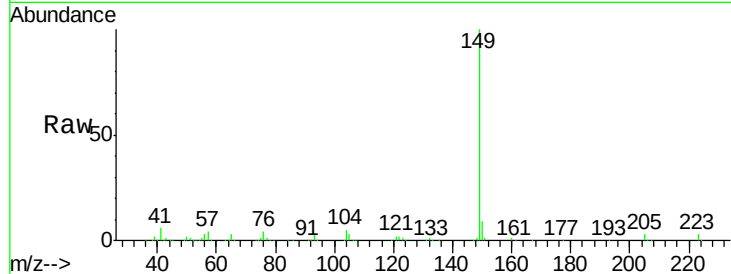
ClientSampleId :

PB84491BS

Tgt Ion:	149	Resp:	417898
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	4.6	3.5	5.3

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#74

Fluoranthene

Concen: 34.38 ng

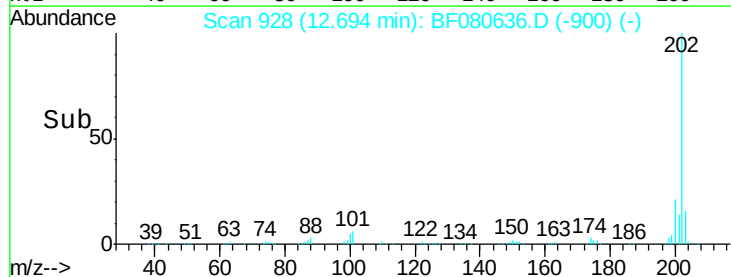
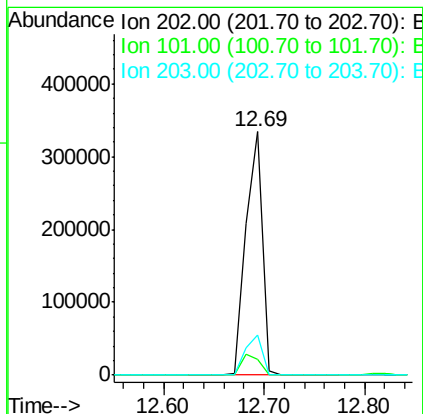
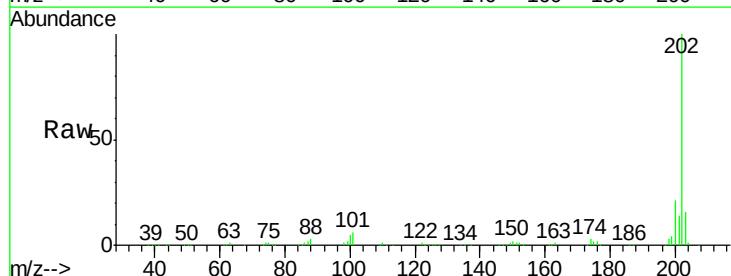
RT: 12.69 min Scan# 928

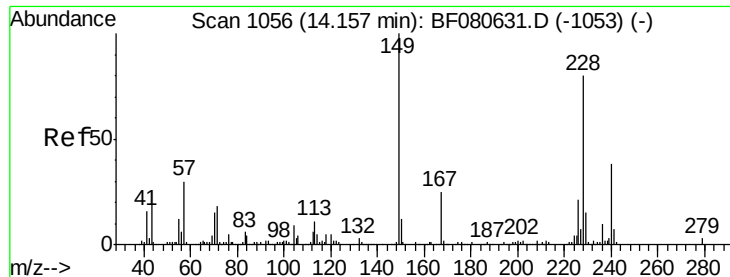
Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	202	Resp:	379697
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	32.0
203	16.4	0.0	37.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

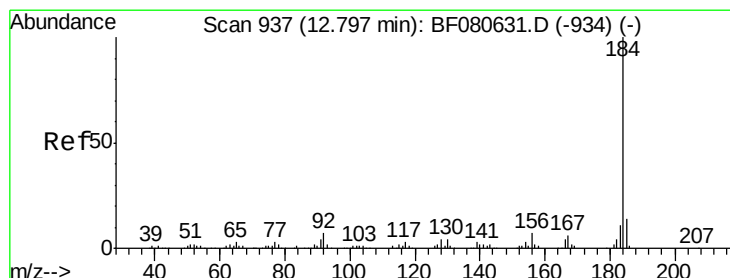
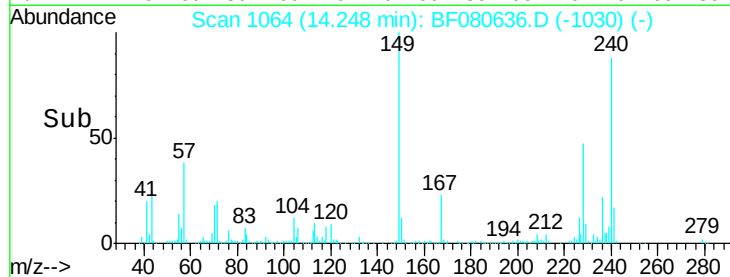
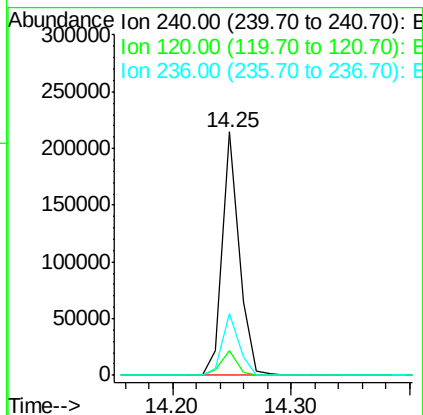
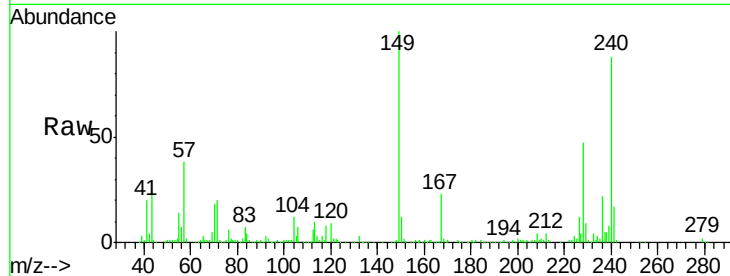
ClientSampled :

PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	210609		
120	10.3	10.8	16.2	#
236	25.5	20.3	30.5	

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#76

Benzidine

Concen: 57.83 ng

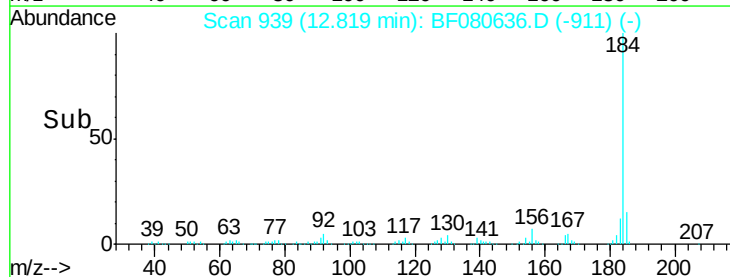
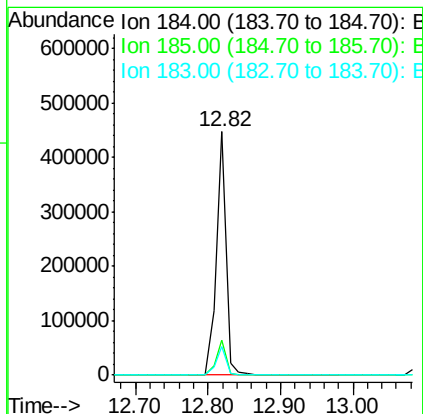
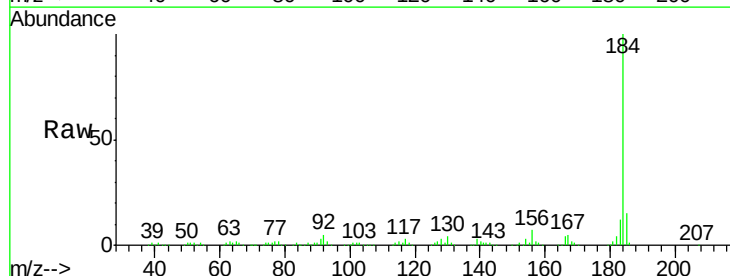
RT: 12.82 min Scan# 939

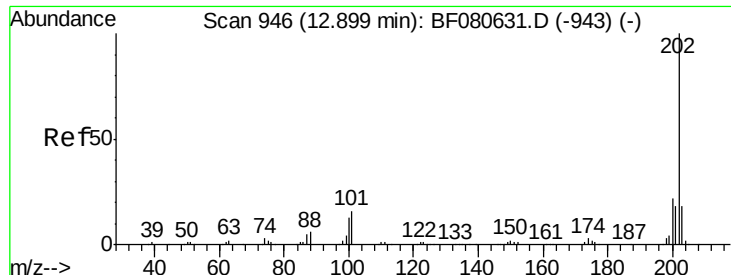
Delta R.T. 0.02 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	414016		
185	14.5	11.4	17.0	
183	12.0	9.0	13.6	





#77

Pyrene

Concen: 29.12 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.03 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

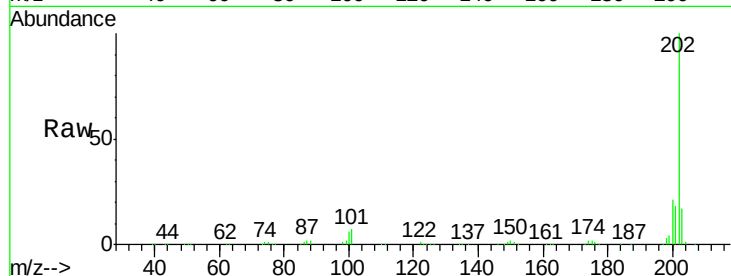
ClientSampleId :

PB84491BS

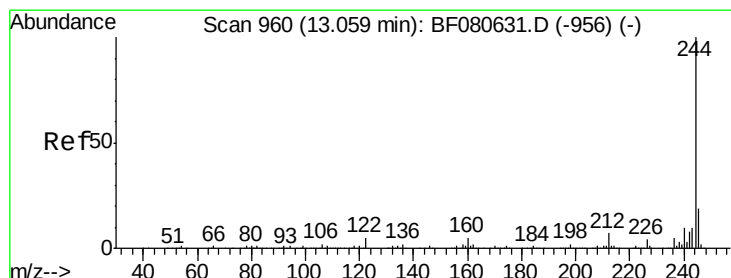
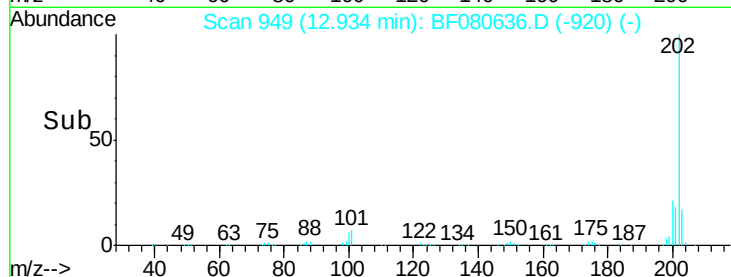
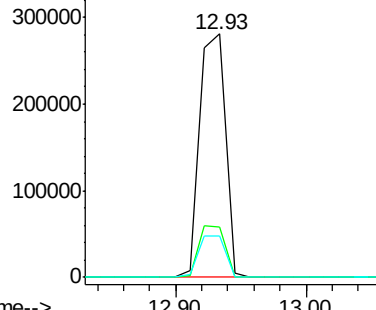
Tgt Ion:	202	Resp:	384147
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.0
203	17.0	14.6	22.0

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



#78

Terphenyl-d14

Concen: 56.47 ng

RT: 13.08 min Scan# 962

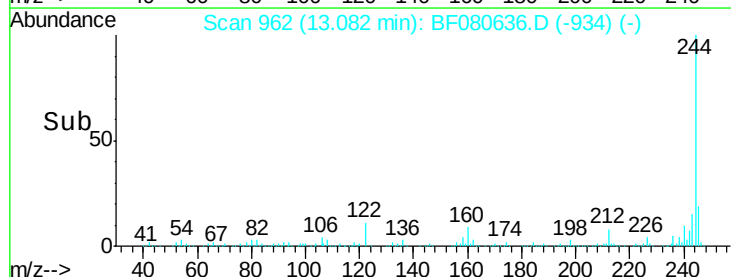
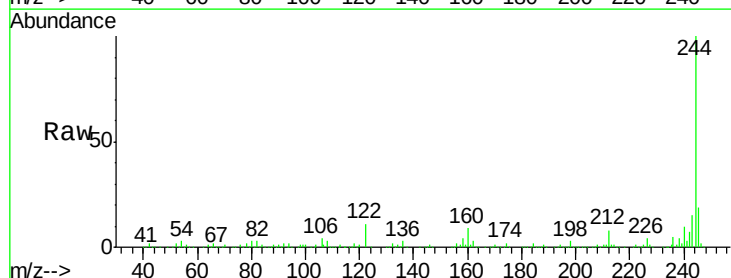
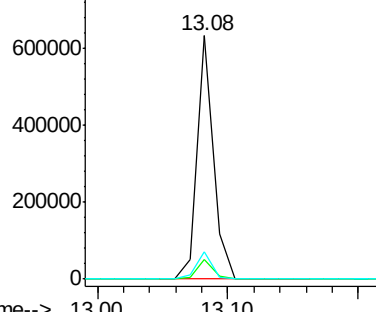
Delta R.T. 0.02 min

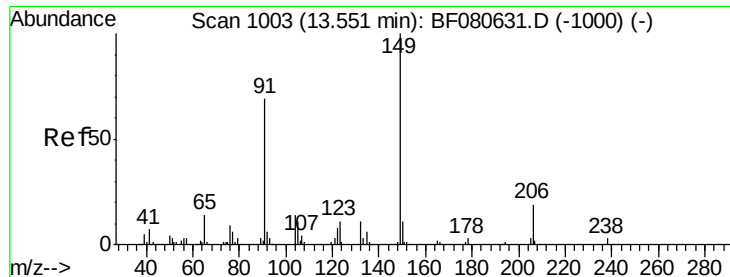
Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion:	244	Resp:	552334
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.2	7.8#
122	11.1	4.1	6.1#

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





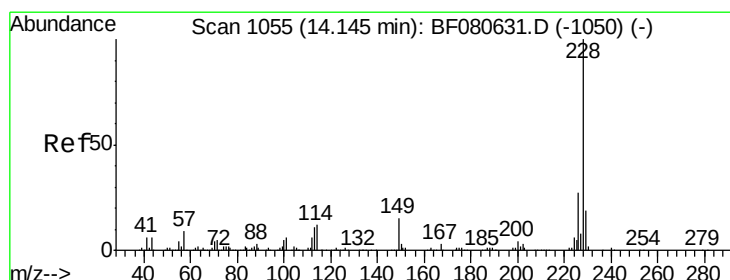
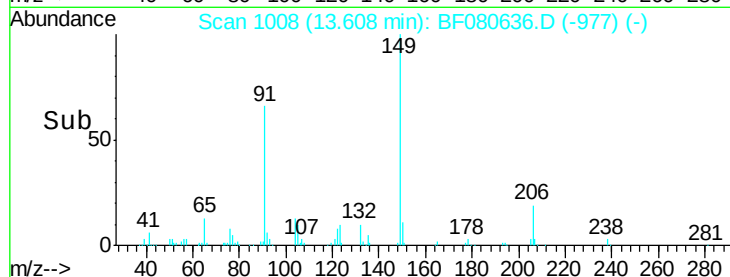
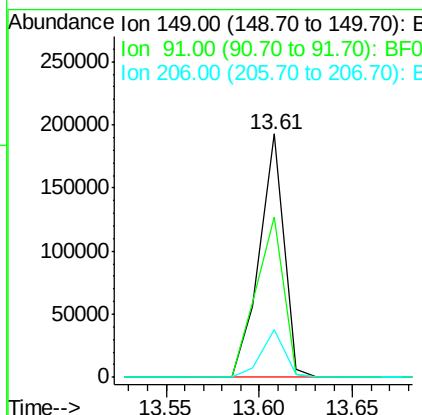
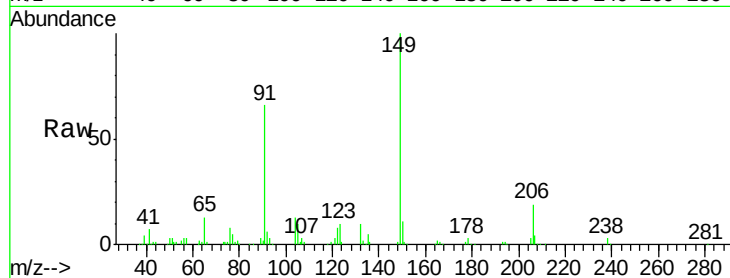
#79
Butylbenzylphthalate
Concen: 30.73 ng
RT: 13.61 min Scan# 1008
Delta R.T. 0.06 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	175330		
91	66.0	55.0	82.4	
206	19.5	15.0	22.6	

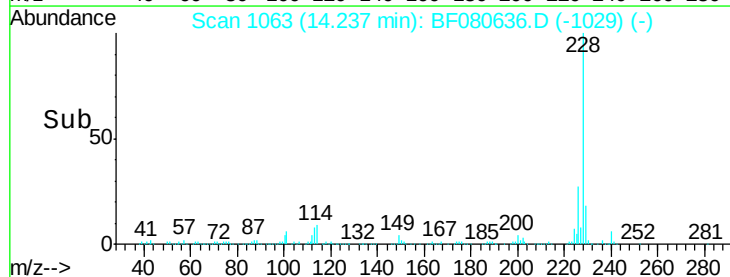
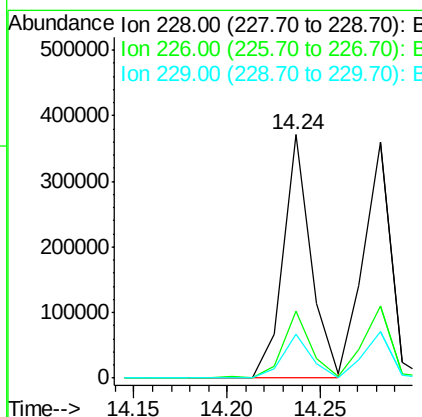
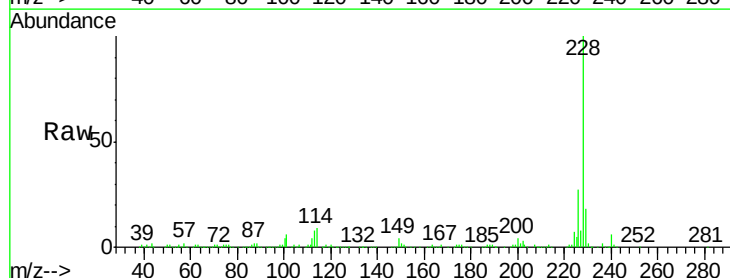
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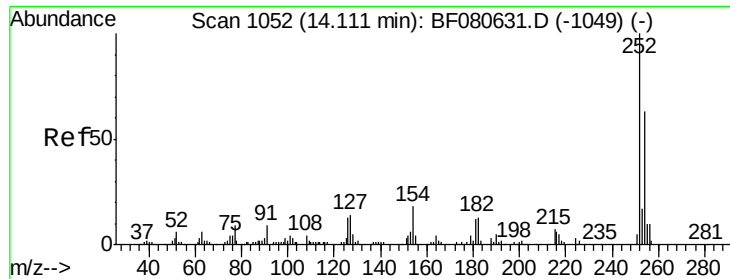
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#80
Benzo(a)anthracene
Concen: 31.10 ng
RT: 14.24 min Scan# 1063
Delta R.T. 0.09 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	384280		
226	27.4	21.4	32.0	
229	18.2	15.4	23.0	





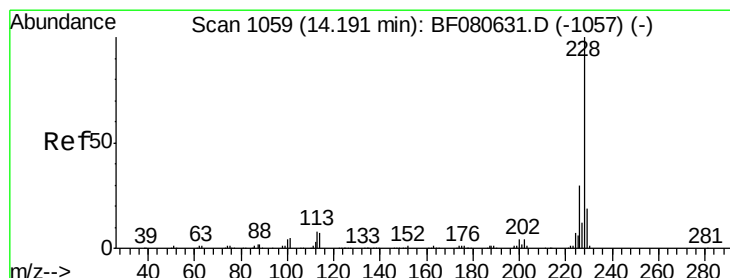
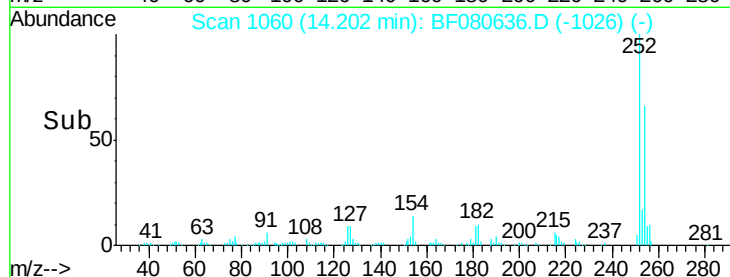
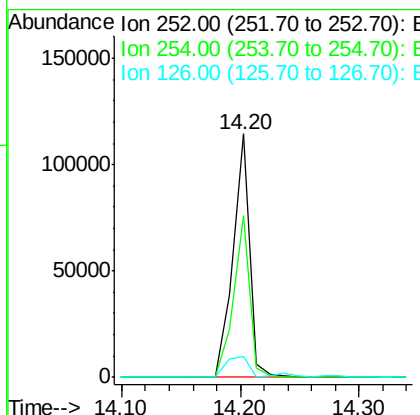
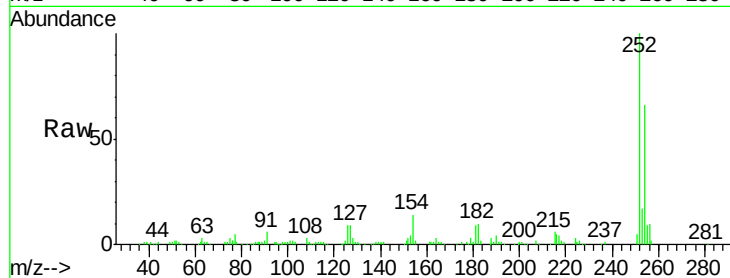
#81
 3,3'-Dichlorobenzidine
 Concen: 27.75 ng
 RT: 14.20 min Scan# 1060
 Delta R.T. 0.09 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	50.4	75.6
126	8.8	10.6	15.8

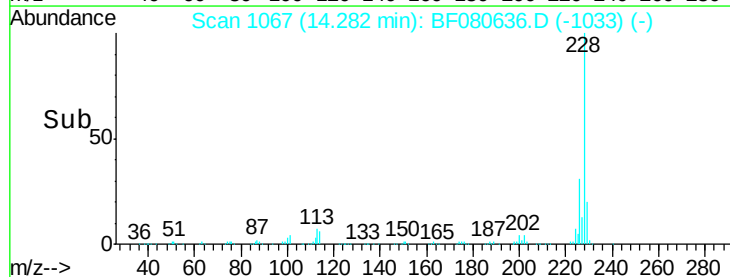
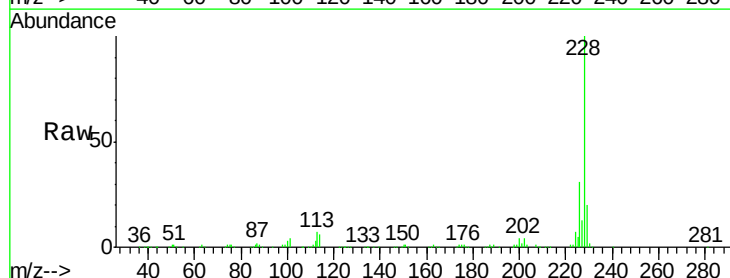
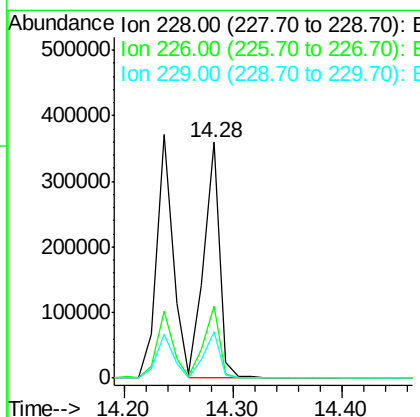
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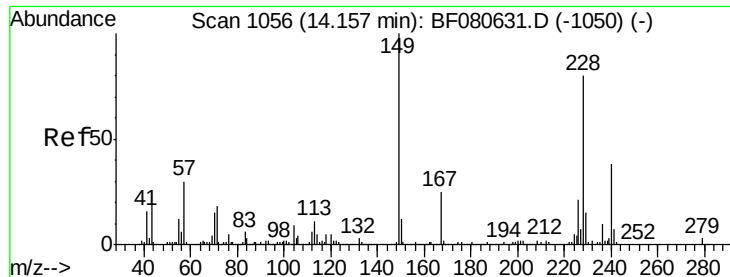
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#82
 Chrysene
 Concen: 31.55 ng
 RT: 14.28 min Scan# 1067
 Delta R.T. 0.09 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.7	15.4	23.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.64 ng

RT: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

ClientSampleId :

PB84491BS

Tgt Ion:149 Resp: 263455
Ion Ratio Lower Upper

149 100

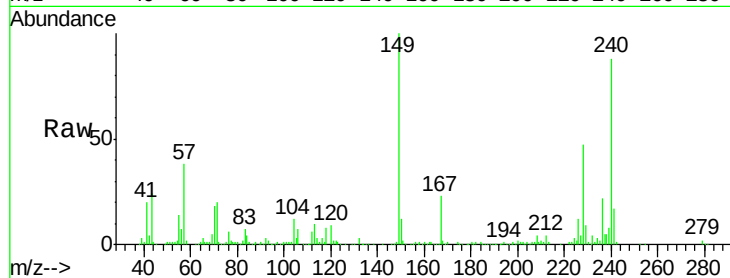
167 23.1 19.7 29.5

279 1.9 2.2 3.4#

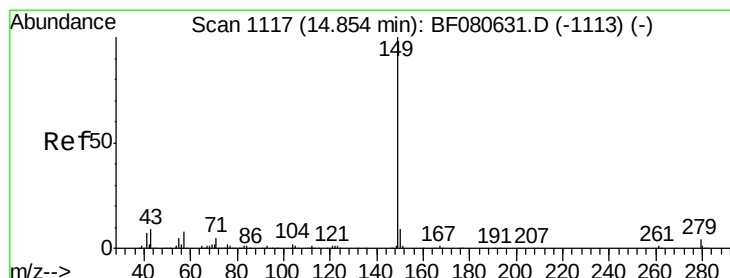
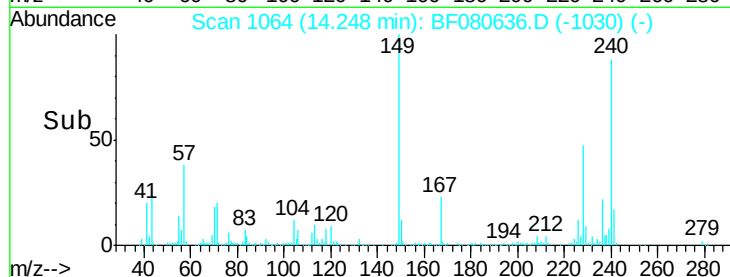
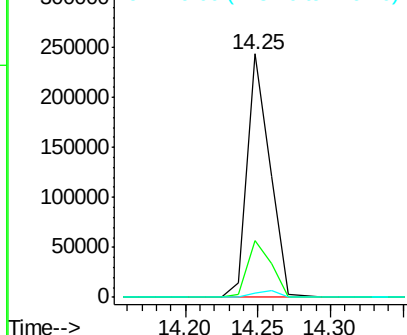
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 31.69 ng

RT: 15.00 min Scan# 1130

Delta R.T. 0.15 min

Lab File: BF080636.D

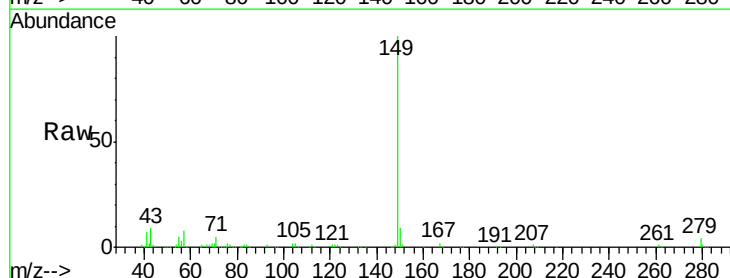
Acq: 24 Jul 2015 20:21

Tgt Ion:149 Resp: 438923
Ion Ratio Lower Upper

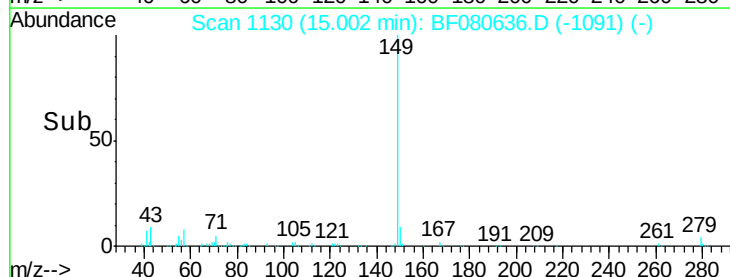
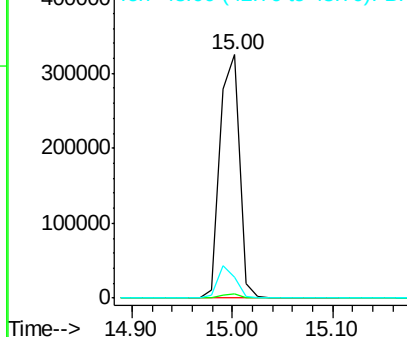
149 100

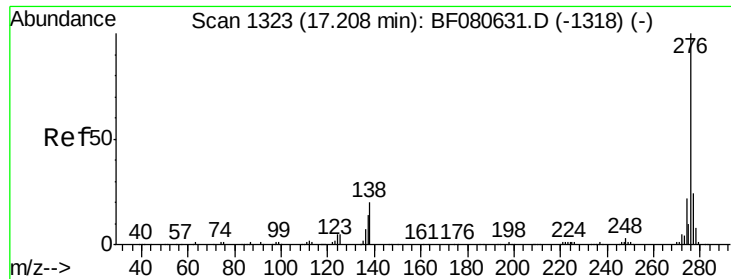
167 1.5 1.0 1.4#

43 12.2 10.1 15.1



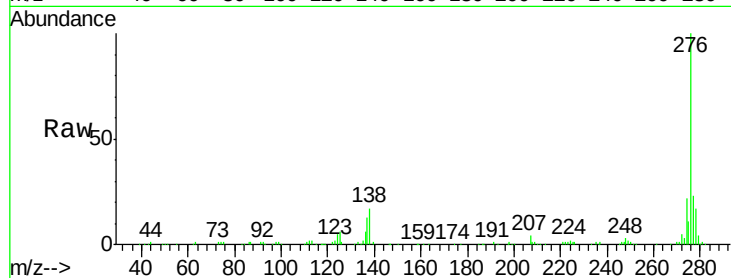
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.55 ng
 RT: 17.40 min Scan# 1340
 Delta R.T. 0.19 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

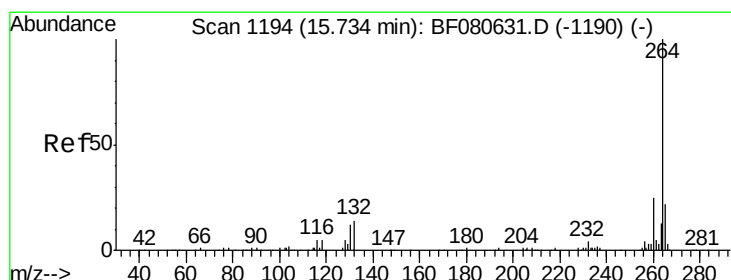
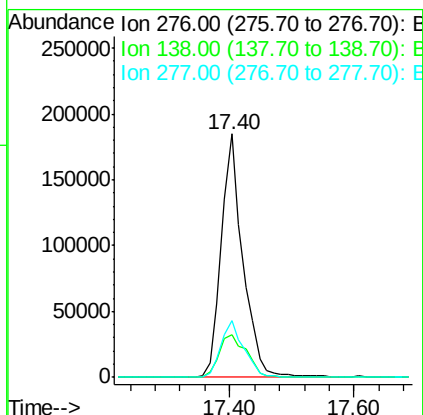
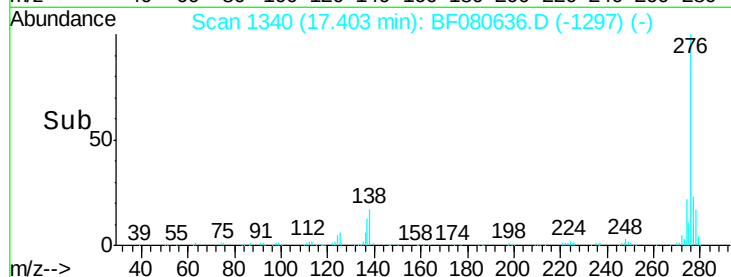
Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS



Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	21.9	17.5	26.3
277	24.7	19.8	29.6

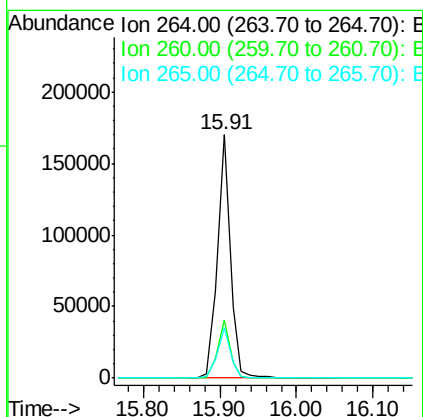
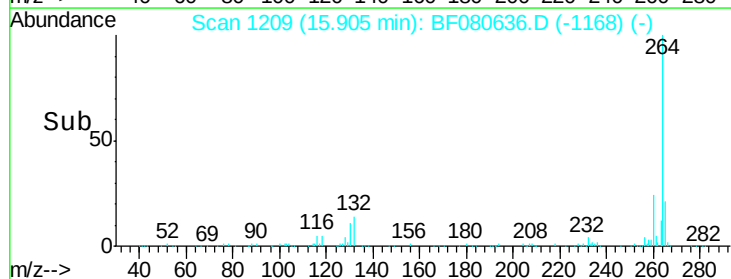
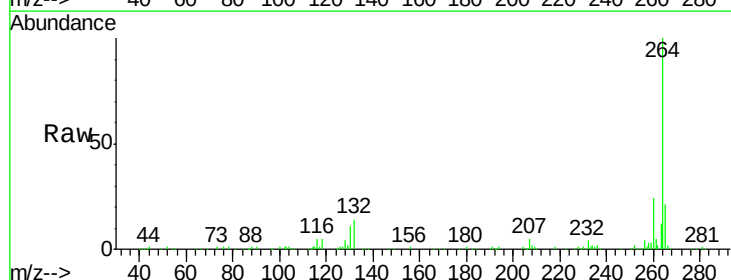
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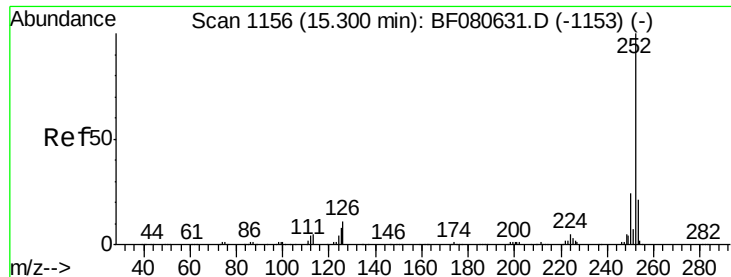
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.91 min Scan# 1209
 Delta R.T. 0.17 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	20.1	30.1
265	20.9	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 35.11 ng

RT: 15.46 min Scan# 1170

Delta R.T. 0.16 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Instrument :

BNA_F

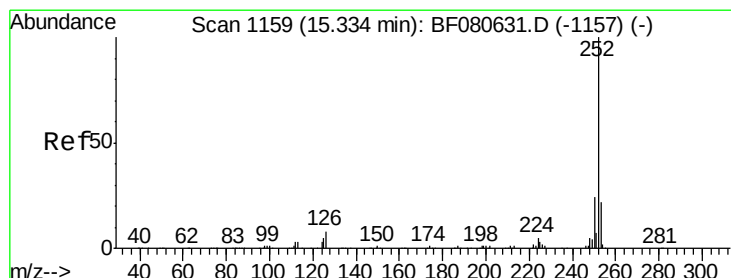
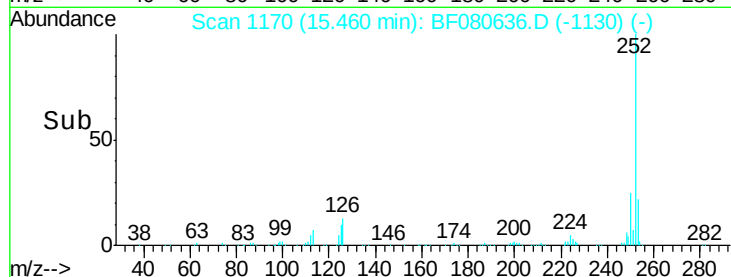
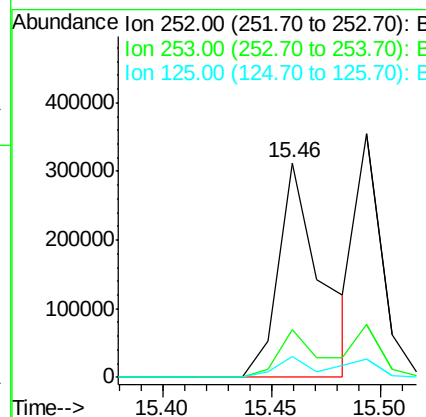
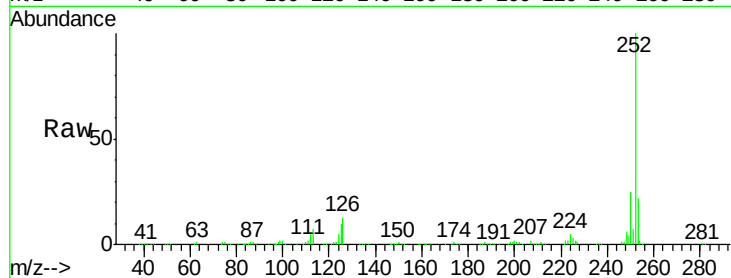
ClientSampleId :

PB84491BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	430574		
253	22.1	17.1	25.7	
125	9.6	6.5	9.7	

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#88

Benzo(k)fluoranthene

Concen: 27.05 ng m

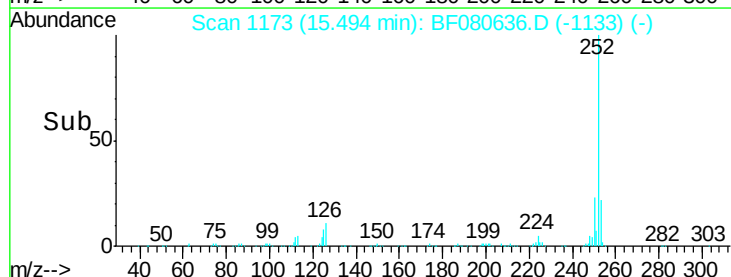
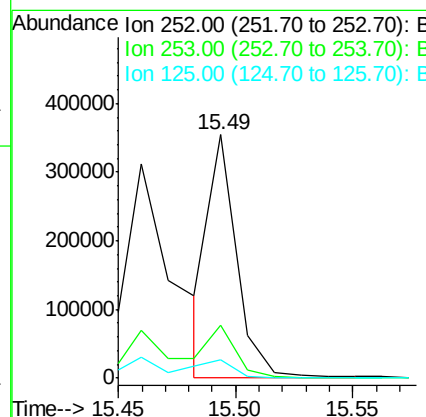
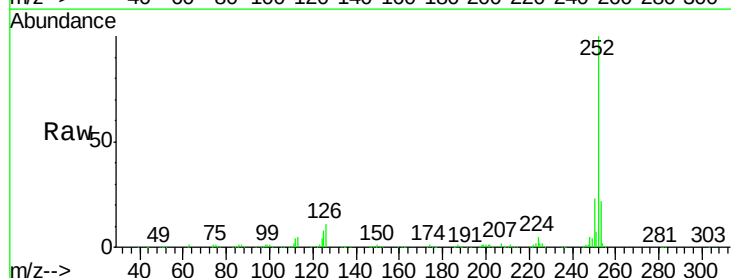
RT: 15.49 min Scan# 1173

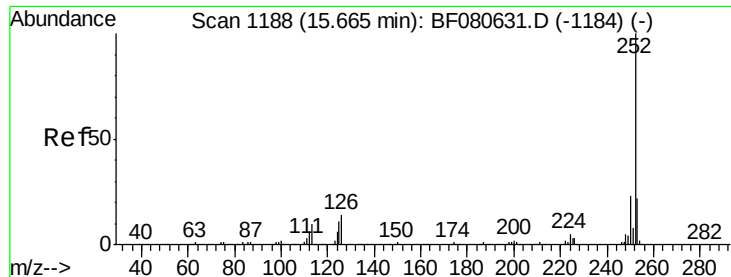
Delta R.T. 0.16 min

Lab File: BF080636.D

Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	297047		
253	21.8	17.0	25.6	
125	7.7	4.6	6.8#	





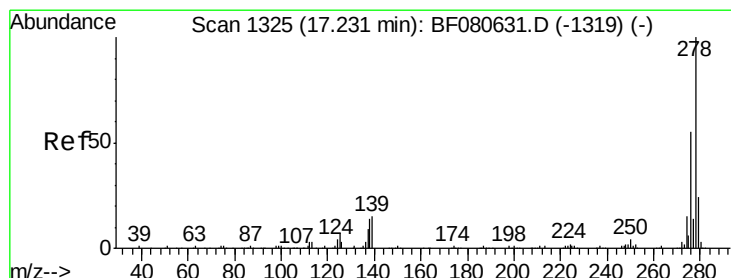
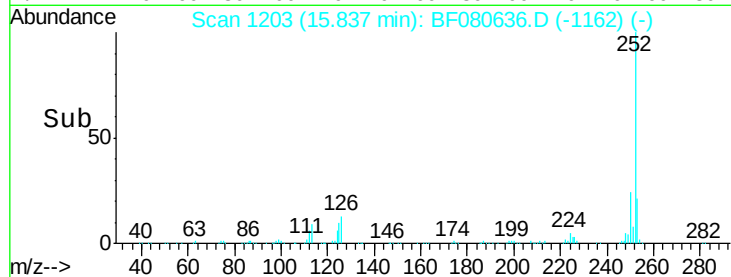
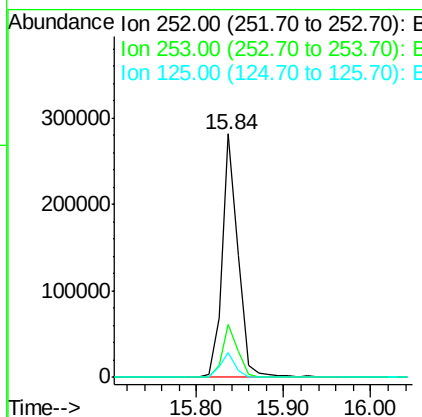
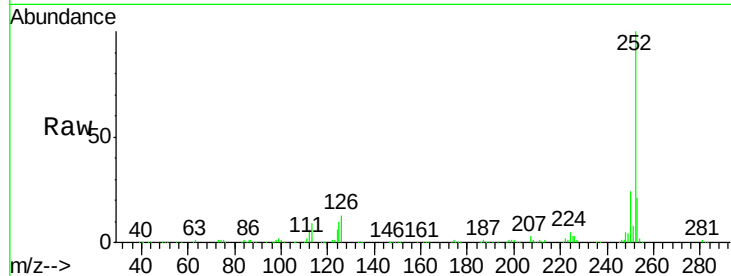
#89
Benzo(a)pyrene
Concen: 32.73 ng
RT: 15.84 min Scan# 1203
Delta R.T. 0.17 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Instrument :
BNA_F
ClientSampleId :
PB84491BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.5	17.8	26.6
125	10.1	9.1	13.7

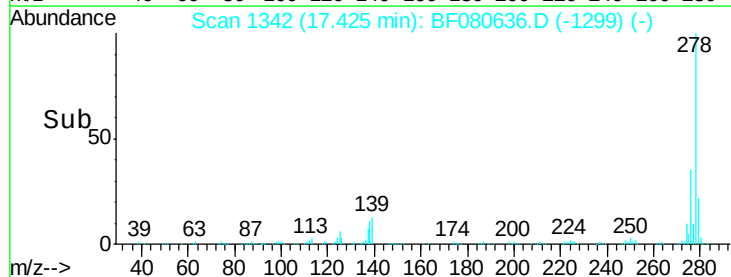
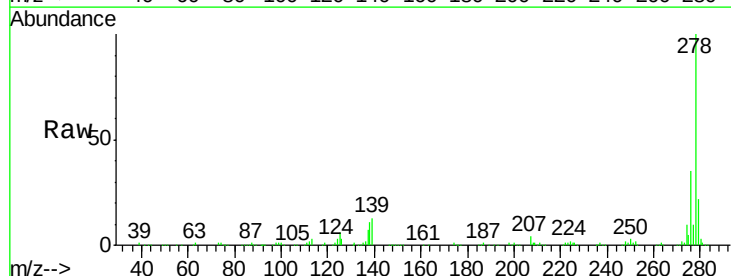
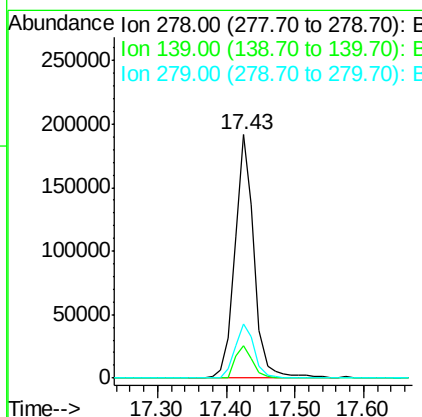
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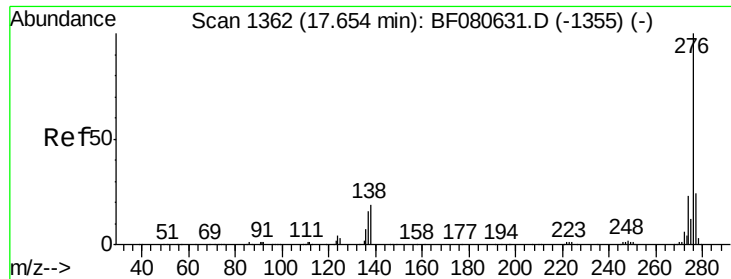
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#90
Dibenzo(a,h)anthracene
Concen: 32.27 ng
RT: 17.43 min Scan# 1342
Delta R.T. 0.19 min
Lab File: BF080636.D
Acq: 24 Jul 2015 20:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	13.5	11.7	17.5
279	22.4	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 32.55 ng
 RT: 17.85 min Scan# 1379
 Delta R.T. 0.19 min
 Lab File: BF080636.D
 Acq: 24 Jul 2015 20:21

Instrument :
 BNA_F
 ClientSampleId :
 PB84491BS

Tgt Ion:	276	Resp:	384075
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.0	28.4
138	17.5	14.8	22.2

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