

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062615\
 Data File : BF080188.D
 Acq On : 26 Jun 2015 14:37
 Operator : TP/IZ
 Sample : PB84243BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Manual Integrations
 APPROVED

apatel
 6/29/2015 11:32:48 AM

Quant Time: Jun 26 23:43:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 23:02:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30364	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	120519	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	61261	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	125377	20.00	ng	-0.02
75) Chrysene-d12	14.84	240	131249	20.00	ng	-0.19
86) Perylene-d12	16.71	264	126785	20.00	ng	-0.31

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	225439	131.43	ng	0.00
7) Phenol-d6	6.89	99	297075	130.15	ng	0.00
23) Nitrobenzene-d5	7.85	82	188150	90.89	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	78134	130.43	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	348620	81.16	ng	0.00
78) Terphenyl-d14	13.57	244	415211	73.88	ng	-0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	27982	34.32	ng	87
3) Pyridine	3.98	79	75671	34.90	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	39119	37.96	ng	# 92
6) Aniline	6.95	93	84310	26.85	ng	94
8) 2-Chlorophenol	7.08	128	87081	43.93	ng	88
9) Benzaldehyde	6.84	77	39575	30.03	ng	# 72
10) Phenol	6.92	94	101666	40.81	ng	88
11) bis(2-Chloroethyl)ether	7.01	93	74328	37.61	ng	93
12) 1,3-Dichlorobenzene	7.24	146	93774	39.37	ng	# 90
13) 1,4-Dichlorobenzene	7.32	146	97590	43.09	ng	96
14) 1,2-Dichlorobenzene	7.46	146	86123m	39.08	ng	
15) Benzyl Alcohol	7.42	79	76392	40.93	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	131923	44.97	ng	85
17) 2-Methylphenol	7.53	107	65075	38.43	ng	# 89
18) Hexachloroethane	7.82	117	32368	42.92	ng	# 82
19) n-Nitroso-di-n-propylamine	7.69	70	59478	37.53	ng	# 76
20) 3+4-Methylphenols	7.68	107	94009	43.02	ng	90
22) Acetophenone	7.69	105	118875	42.33	ng	# 83
24) Nitrobenzene	7.88	77	85609	40.06	ng	# 78
25) Isophorone	8.10	82	159892	38.38	ng	# 85
26) 2-Nitrophenol	8.20	139	42941	48.01	ng	# 76
27) 2,4-Dimethylphenol	8.22	122	80300	43.06	ng	# 85
28) bis(2-Chloroethoxy)methane	8.31	93	99199	40.53	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	75412	47.22	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	80444	44.35	ng	99
31) Naphthalene	8.61	128	247139m	39.22	ng	
32) Benzoic acid	8.28	122	42201	37.43	ng	# 66
33) 4-Chloroaniline	8.64	127	58519m	21.70	ng	
34) Hexachlorobutadiene	8.73	225	44158	39.54	ng	96
35) Caprolactam	8.98	113	21631	41.73	ng	98
36) 4-Chloro-3-methylphenol	9.12	107	68759	38.17	ng	97
37) 2-Methylnaphthalene	9.30	142	179471	44.03	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	78669	44.13	ng	99
40) Hexachlorocyclopentadiene	9.46	237	70802	77.40	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	55694	45.92	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	54116	38.72	ng #	90
45) 1,1'-Biphenyl	9.77	154	192783	38.68	ng	95
46) 2-Chloronaphthalene	9.80	162	163259	40.37	ng	93
47) 2-Nitroaniline	9.88	65	44343	39.94	ng #	57
48) Acenaphthylene	10.22	152	281002	41.63	ng	97
49) Dimethylphthalate	10.06	163	182263	39.57	ng #	96
50) 2,6-Dinitrotoluene	10.12	165	36928	40.00	ng #	42
51) Acenaphthene	10.39	154	170155	41.21	ng	91
52) 3-Nitroaniline	10.29	138	34371	32.26	ng #	55
53) 2,4-Dinitrophenol	10.40	184	34075	89.89	ng #	17
54) Dibenzofuran	10.56	168	235964	40.27	ng #	88
55) 4-Nitrophenol	10.44	139	71713	84.22	ng #	51
56) 2,4-Dinitrotoluene	10.53	165	57855	49.38	ng #	88
57) Fluorene	10.92	166	188508	40.54	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	46443	39.36	ng #	97
59) Diethylphthalate	10.76	149	173267	37.36	ng	95
60) 4-Chlorophenyl-phenylether	10.89	204	88252	39.50	ng #	85
61) 4-Nitroaniline	10.90	138	42374	38.51	ng #	47
62) Azobenzene	11.05	77	183108	38.79	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	22992	39.22	ng	87
65) n-Nitrosodiphenylamine	11.01	169	165575	40.56	ng	93
66) 4-Bromophenyl-phenylether	11.40	248	54572	40.94	ng #	88
67) Hexachlorobenzene	11.48	284	58585	39.54	ng #	79
68) Atrazine	11.53	200	52710	40.86	ng	84
69) Pentachlorophenol	11.66	266	61030	72.69	ng	98
70) Phenanthrene	11.89	178	280748	36.99	ng	97
71) Anthracene	11.94	178	301298	41.22	ng	99
72) Carbazole	12.09	167	262440	37.61	ng	96
73) Di-n-butylphthalate	12.42	149	287737	35.69	ng #	98
74) Fluoranthene	13.16	202	322272	39.87	ng	90
76) Benzidine	13.27	184	149553	40.76	ng #	97
77) Pyrene	13.42	202	318212	39.38	ng	97
79) Butylbenzylphthalate	14.12	149	126714	39.05	ng #	92
80) Benzo(a)anthracene	14.83	228	322202	40.30	ng	97
81) 3,3'-Dichlorobenzidine	14.77	252	62338	22.60	ng #	94
82) Chrysene	14.87	228	290093	39.34	ng	96
83) Bis(2-ethylhexyl)phthalate	14.80	149	182371	35.56	ng #	90
84) Di-n-octyl phthalate	15.61	149	303557	34.54	ng	96
85) Indeno(1,2,3-cd)pyrene	18.55	276	355172	38.20	ng #	90
87) Benzo(b)fluoranthene	16.19	252	312959	40.77	ng #	85
88) Benzo(k)fluoranthene	16.22	252	303484	38.82	ng #	87
89) Benzo(a)pyrene	16.63	252	304746	41.80	ng #	89
90) Dibenzo(a,h)anthracene	18.57	278	300373	40.26	ng #	81
91) Benzo(g,h,i)perylene	19.10	276	302606	40.17	ng #	78

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

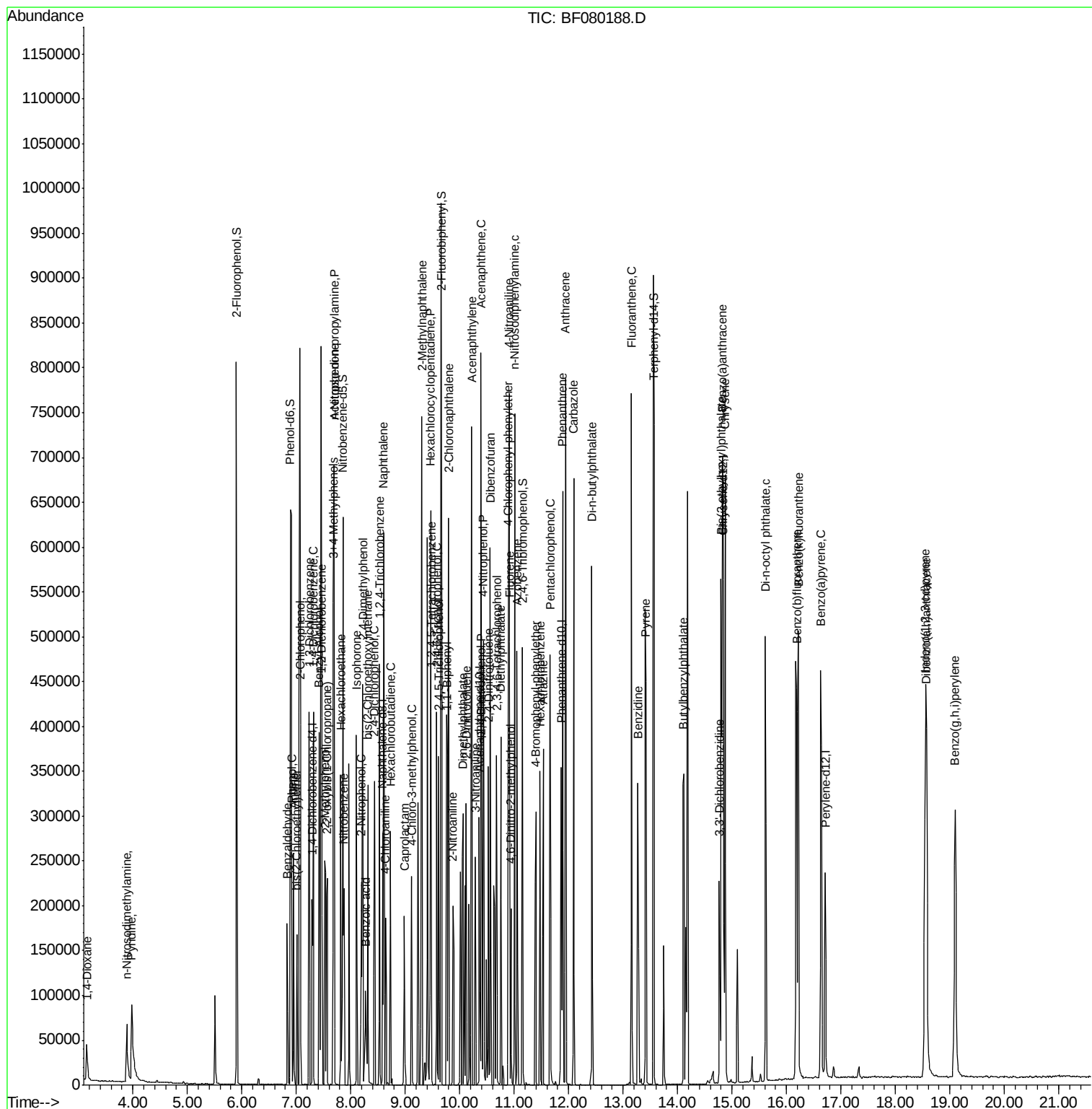
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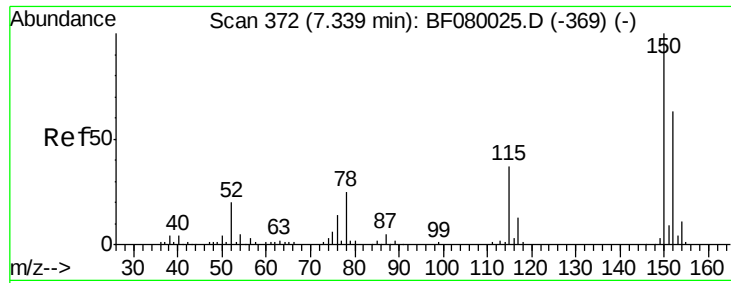
Instrument :
BNA_F
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#1

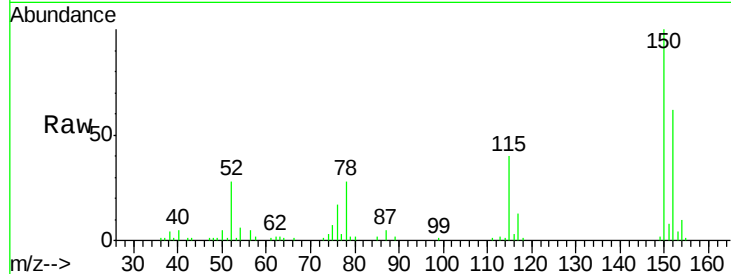
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

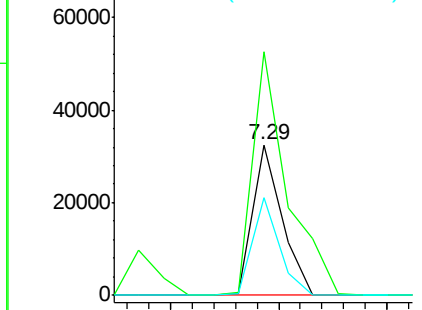
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	124.7	187.1
115	64.7	39.0	58.4

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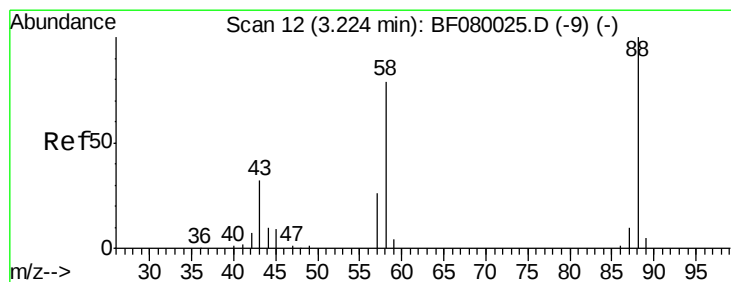
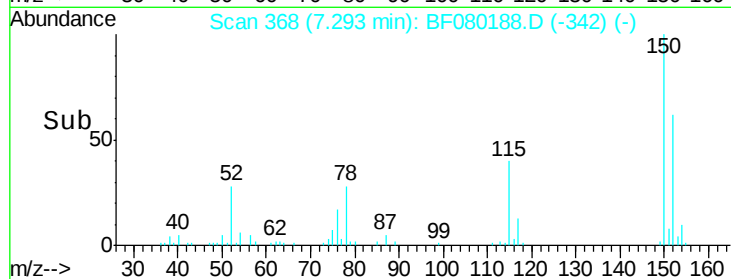
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



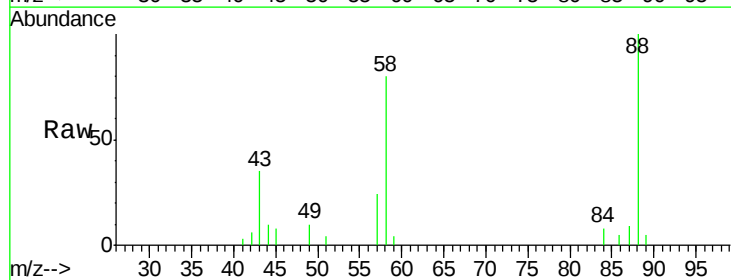
Time-->



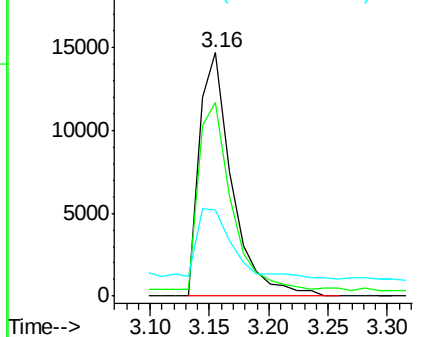
#2

1,4-Dioxane
Concen: 34.32 ng
RT: 3.16 min Scan# 6
Delta R.T. 0.02 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

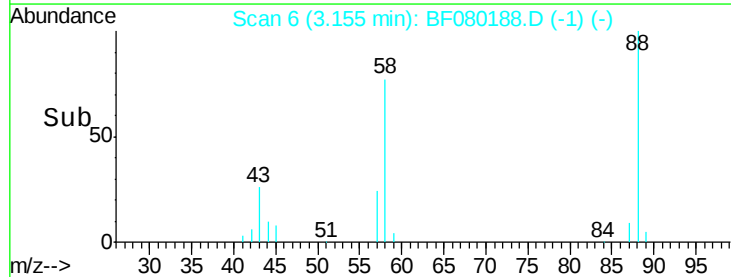
Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.9	77.7	116.5
43	32.3	26.6	40.0



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



Time-->





#3

Pyridine

Concen: 34.90 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.02 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

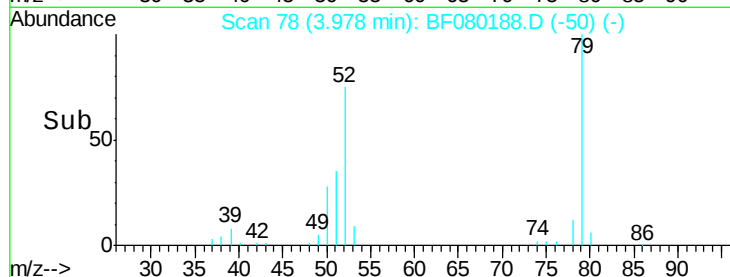
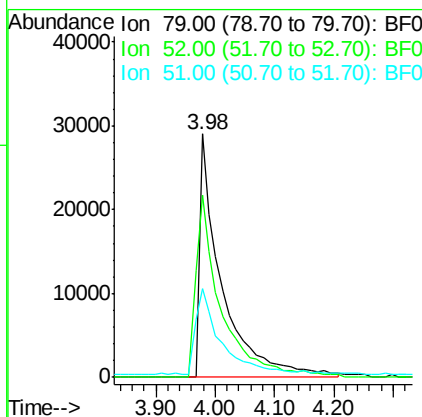
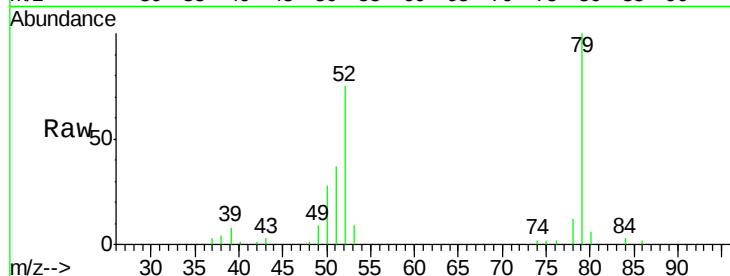
ClientSampleId :

PB84243BS

Tgt Ion:	79	Resp:	75671
Ion	Ratio	Lower	Upper
79	100		
52	74.6	76.8	115.2#
51	36.5	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 37.96 ng

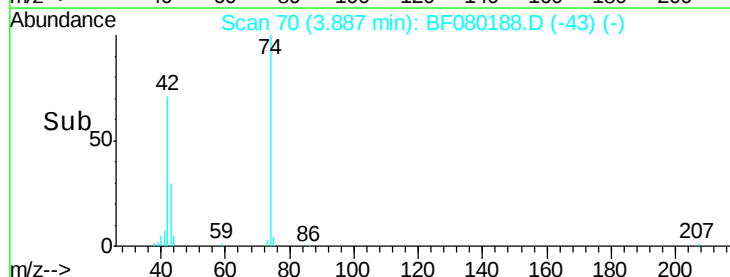
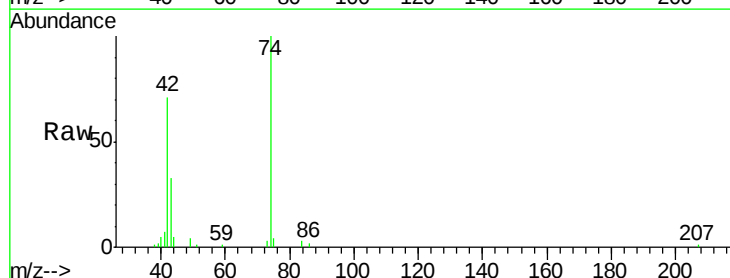
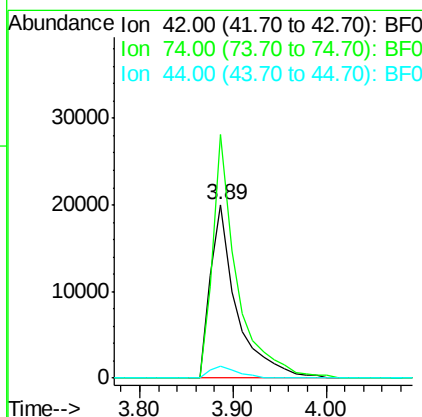
RT: 3.89 min Scan# 70

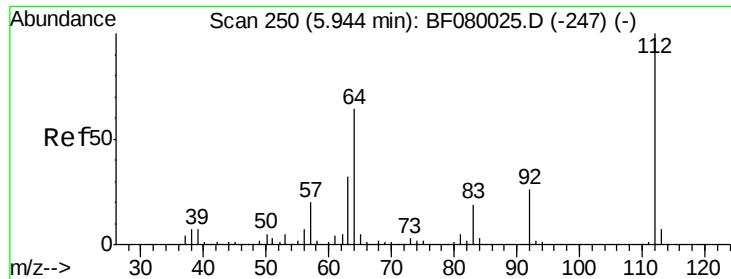
Delta R.T. 0.01 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	42	Resp:	39119
Ion	Ratio	Lower	Upper
42	100		
74	140.6	105.0	157.6
44	6.6	6.6	10.0#





#5

2-Fluorophenol

Concen: 131.43 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080188.D

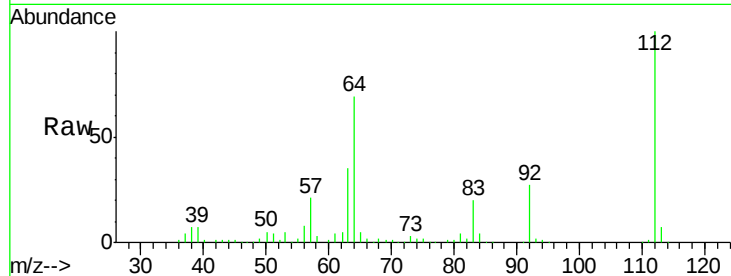
Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

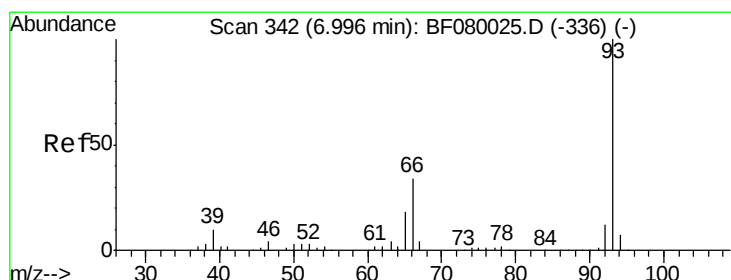
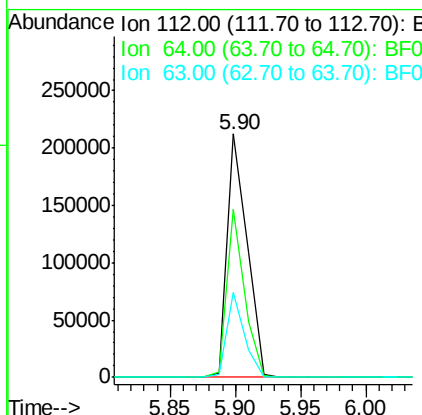
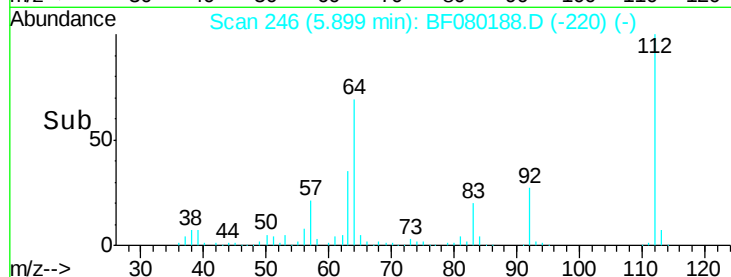
PB84243BS



Tgt Ion:	112	Resp:	225439
Ion Ratio	Lower	Upper	
112	100		
64	69.0	39.7	59.5#
63	35.0	17.4	26.0#

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#6

Aniline

Concen: 26.85 ng

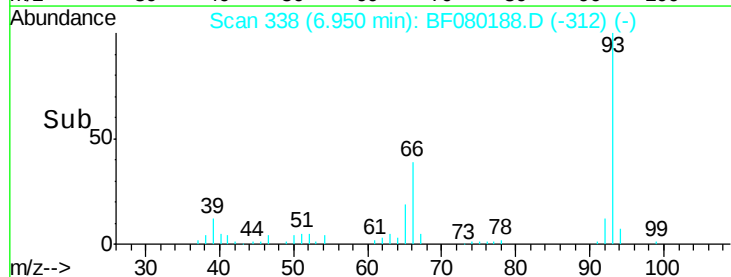
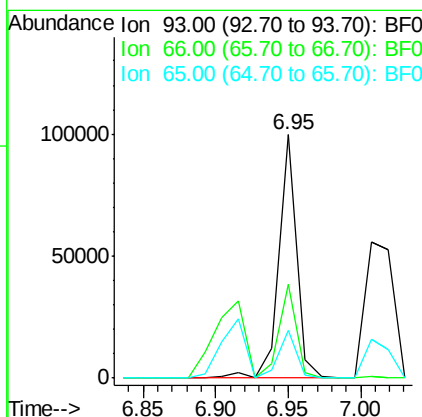
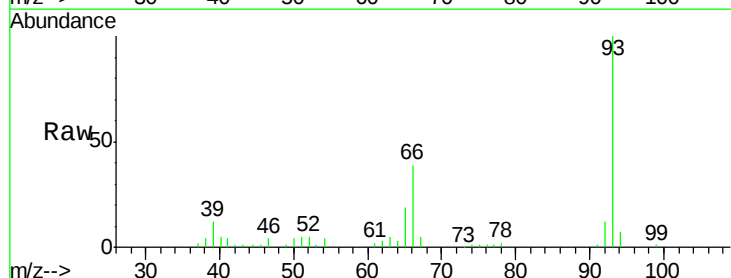
RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	93	Resp:	84310
Ion Ratio	Lower	Upper	
93	100		
66	38.6	27.2	40.8
65	19.5	14.7	22.1





#7

Phenol-d6

Concen: 130.15 ng

RT: 6.89 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

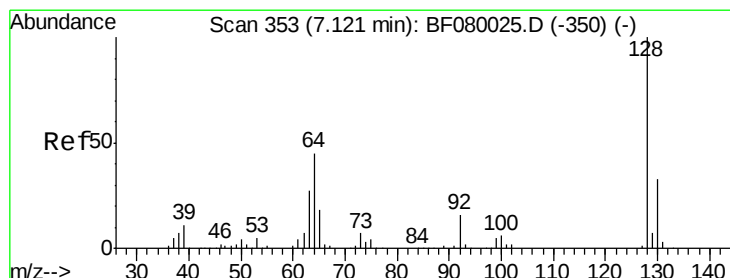
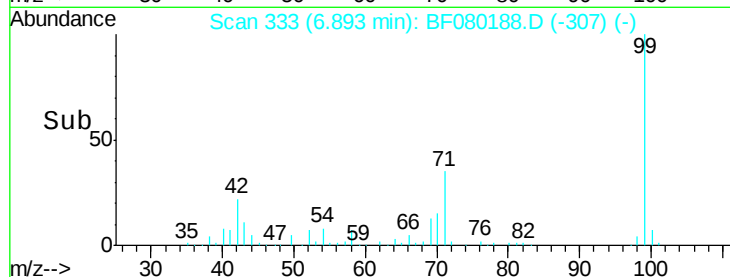
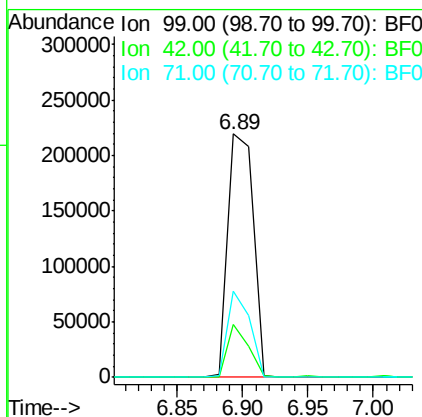
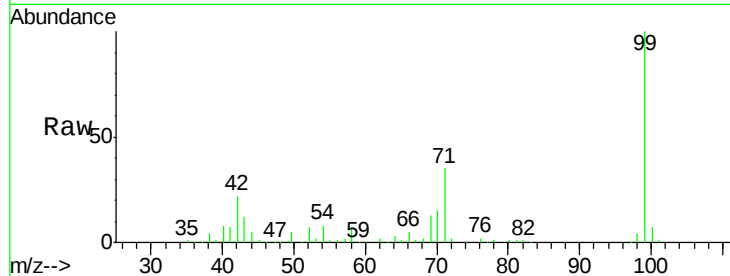
ClientSampleId :

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Tgt Ion:	99	Resp:	297075
Ion Ratio	Lower	Upper	
99	100		
42	21.8	13.7	20.5#
71	35.2	14.2	21.2#

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#8

2-Chlorophenol

Concen: 43.93 ng

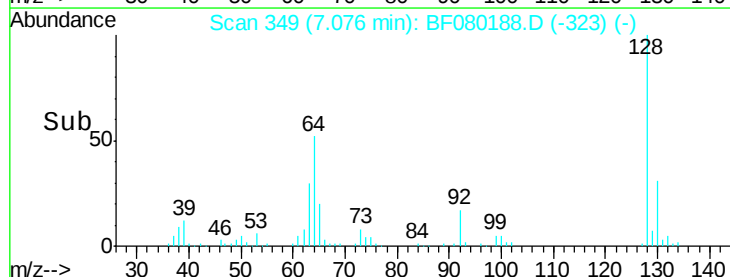
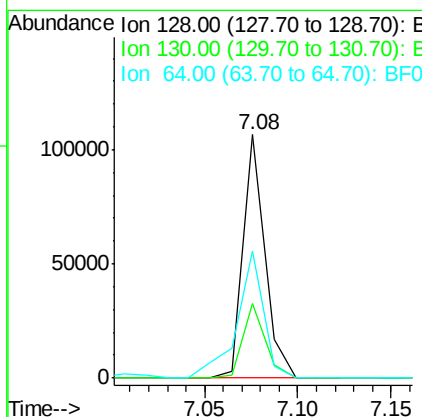
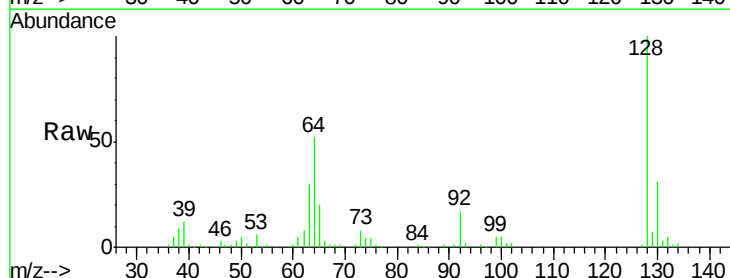
RT: 7.08 min Scan# 349

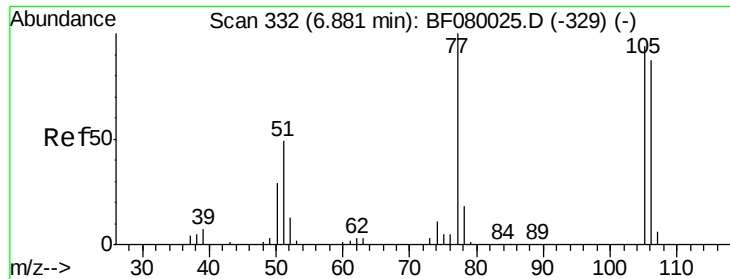
Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	128	Resp:	87081
Ion Ratio	Lower	Upper	
128	100		
130	30.6	12.2	52.2
64	52.3	20.5	60.5





#9

Benzaldehyde

Concen: 30.03 ng

RT: 6.84 min Scan# 328

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

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ClientSampleId :

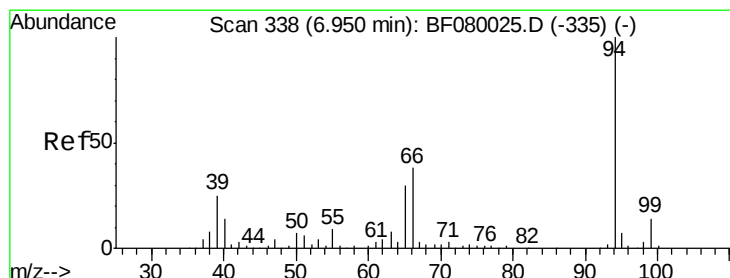
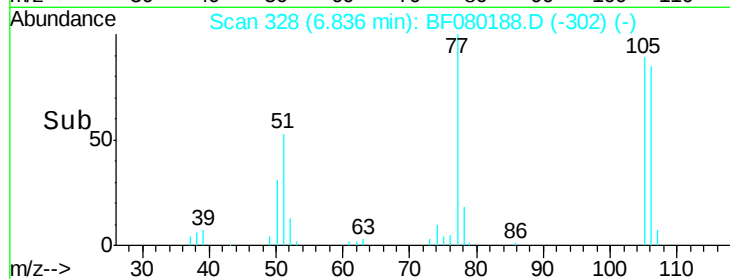
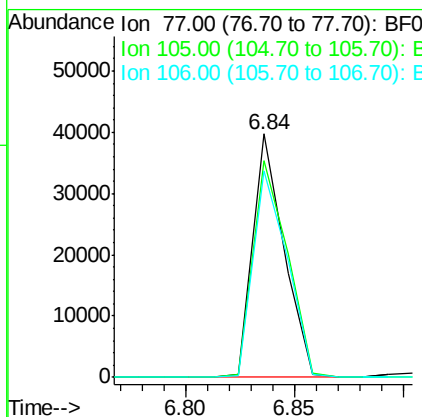
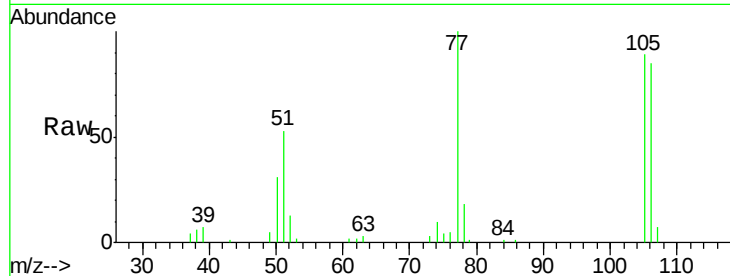
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Tgt Ion:	77	Resp:	39575
Ion	Ratio	Lower	Upper
77	100		
105	89.2	91.6	131.6#
106	84.8	102.6	142.6#



#10

Phenol

Concen: 40.81 ng

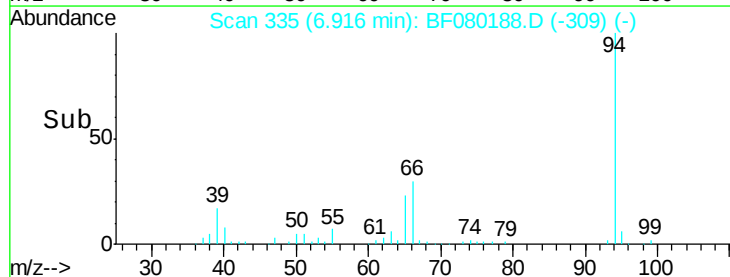
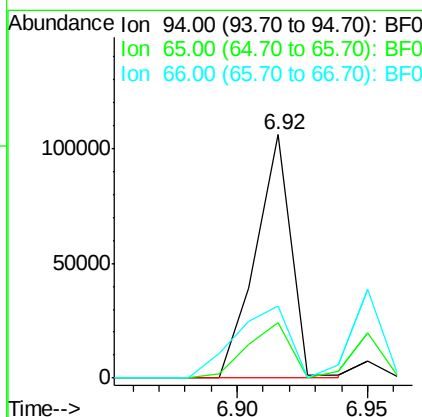
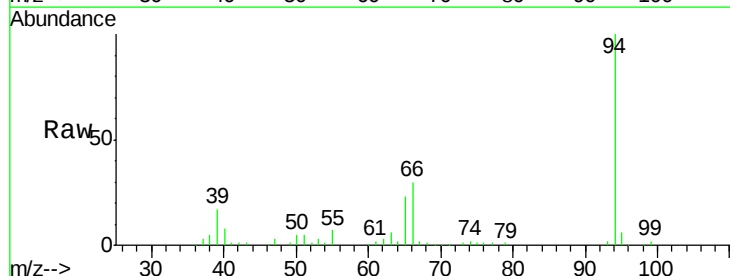
RT: 6.92 min Scan# 335

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	94	Resp:	101666
Ion	Ratio	Lower	Upper
94	100		
65	22.7	0.7	40.7
66	29.6	0.8	40.8





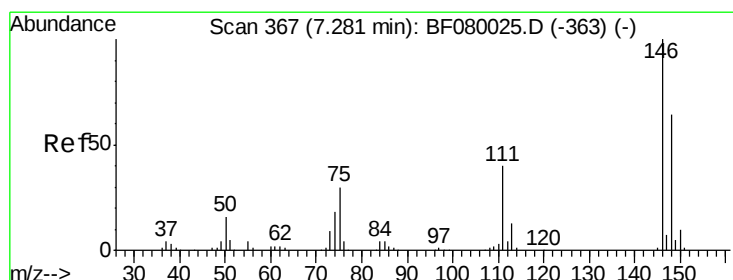
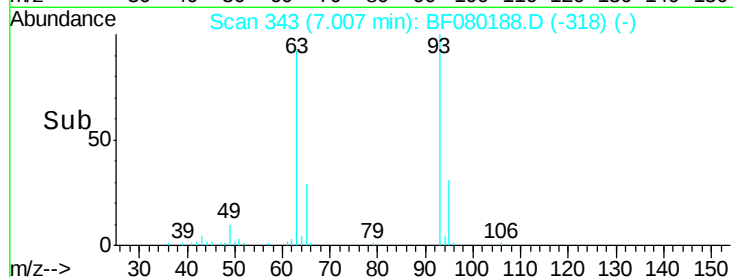
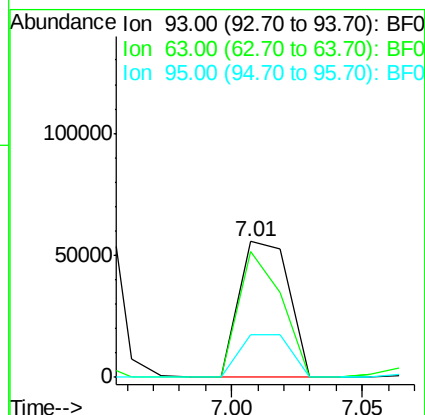
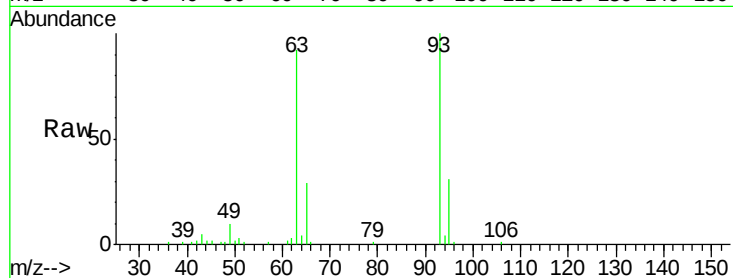
#11
bis(2-Chloroethyl)ether
Concen: 37.61 ng
RT: 7.01 min Scan# 343
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.5	65.6	105.6
95	31.3	13.6	53.6

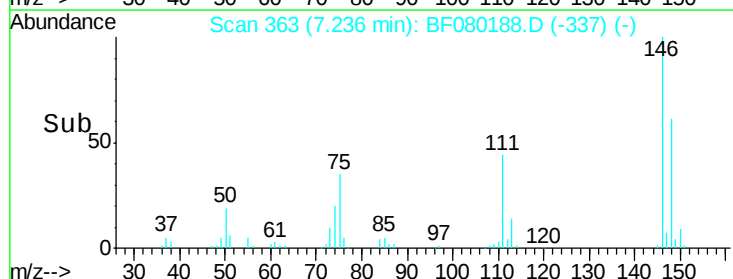
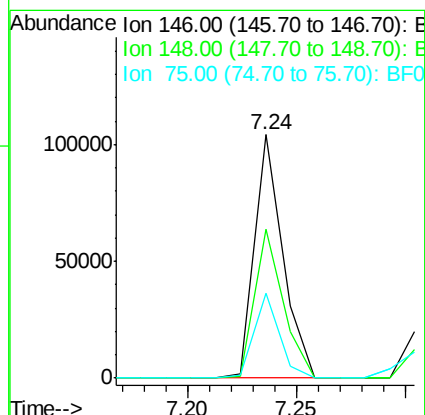
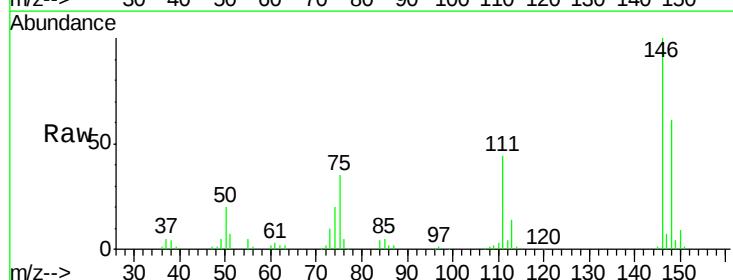
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#12
1,3-Dichlorobenzene
Concen: 39.37 ng
RT: 7.24 min Scan# 363
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.0	76.4
75	34.7	15.0	22.6





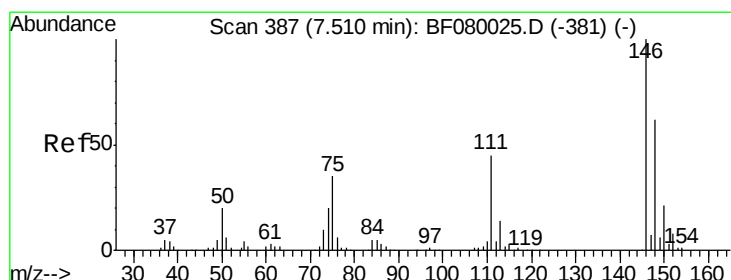
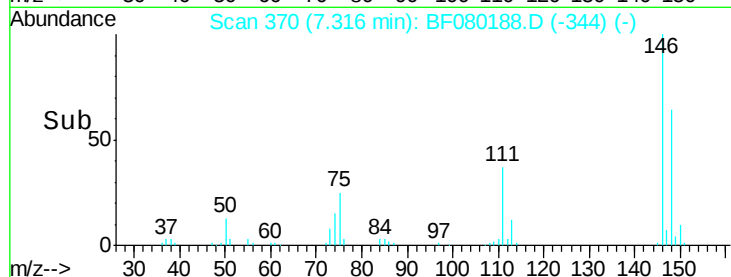
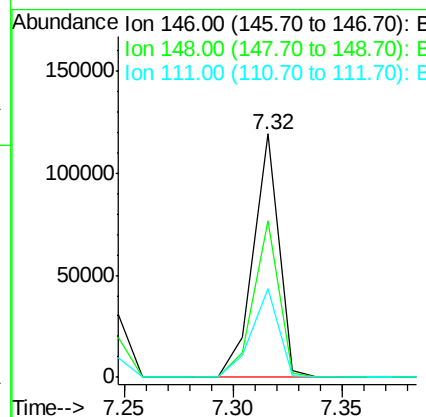
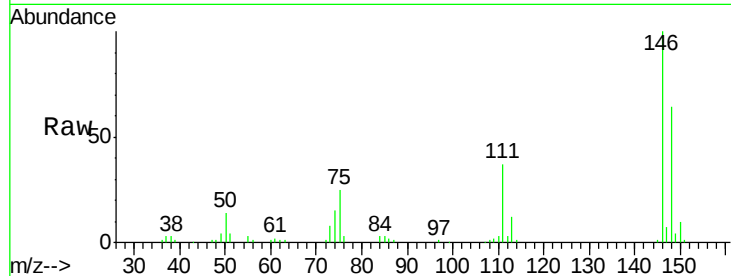
#13
 1,4-Dichlorobenzene
 Concen: 43.09 ng
 RT: 7.32 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	36.7	24.9	37.3

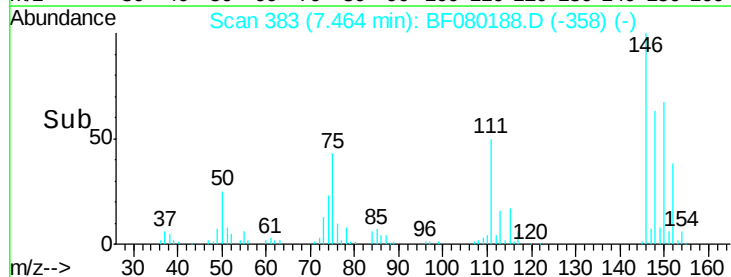
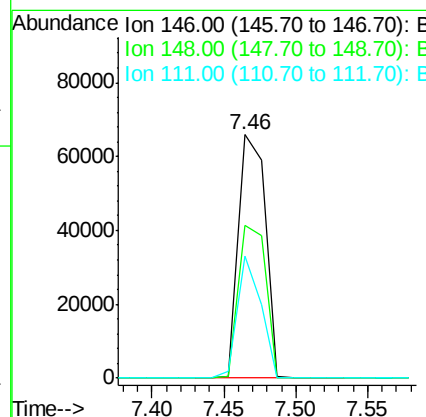
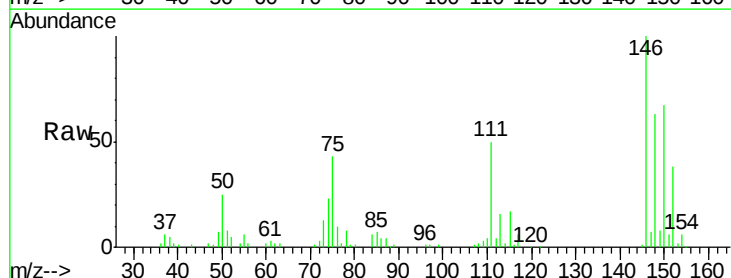
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#14
 1,2-Dichlorobenzene
 Concen: 39.08 ng m
 RT: 7.46 min Scan# 383
 Delta R.T. -0.01 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.7	79.1
111	49.9	28.8	43.2#





#15

Benzyl Alcohol

Concen: 40.93 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

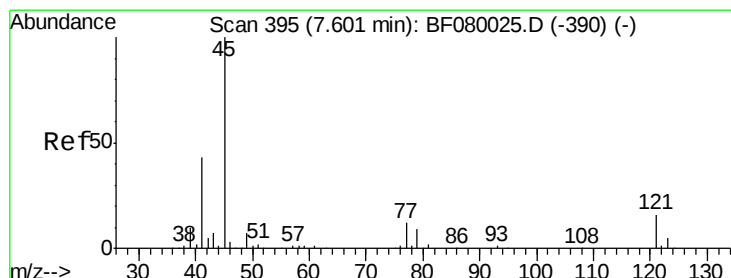
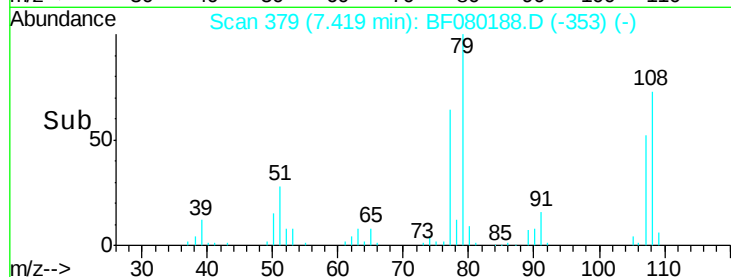
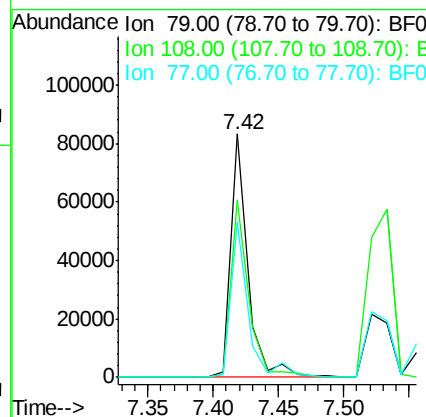
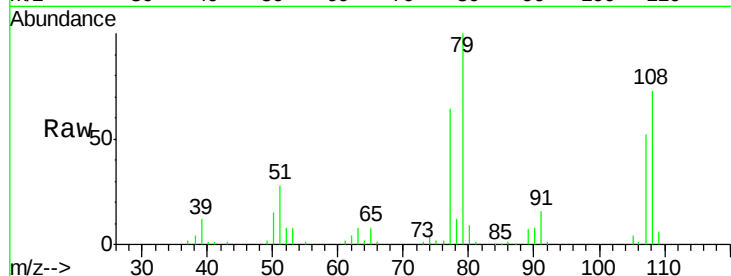
ClientSampleId :

PB84243BS

Tgt Ion:	79	Resp:	76392
Ion Ratio	Lower	Upper	
79	100		
108	72.7	88.6	132.8#
77	63.7	47.0	70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.97 ng

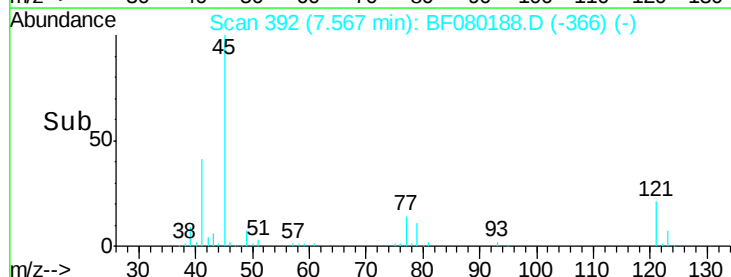
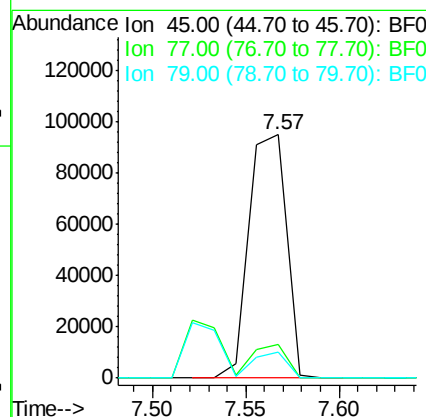
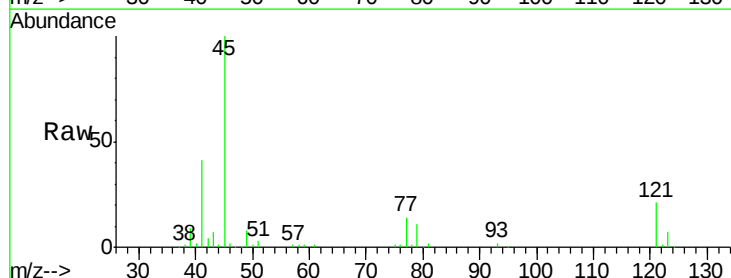
RT: 7.57 min Scan# 392

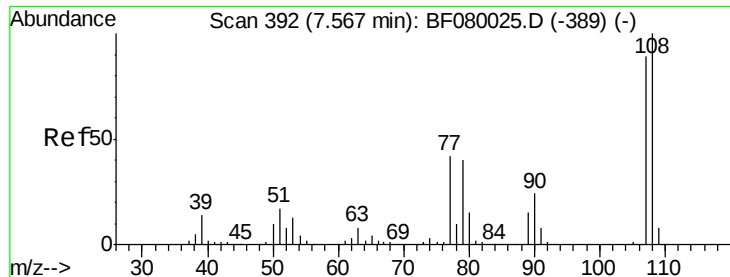
Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	45	Resp:	131923
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	28.1
79	10.8	0.0	26.0





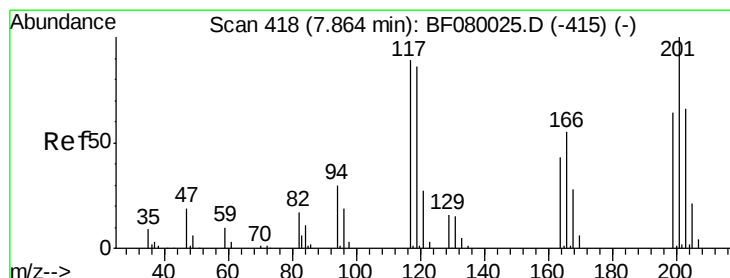
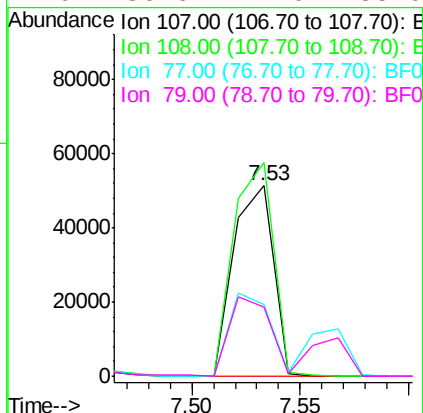
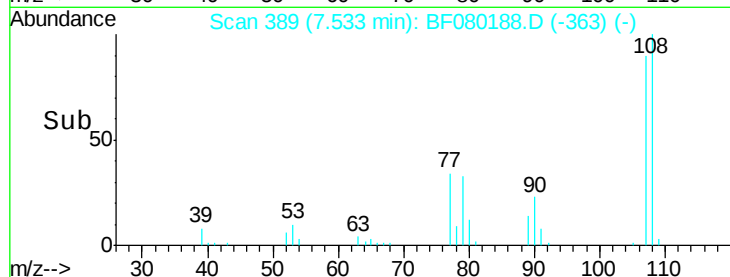
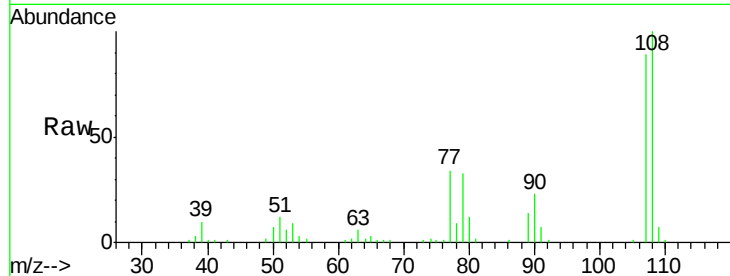
#17
2-Methylphenol
Concen: 38.43 ng
RT: 7.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion:	107	Resp:	65075
Ion Ratio	Lower	Upper	
107	100		
108	112.2	96.6	145.0
77	38.0	23.3	34.9#
79	36.6	22.0	33.0#

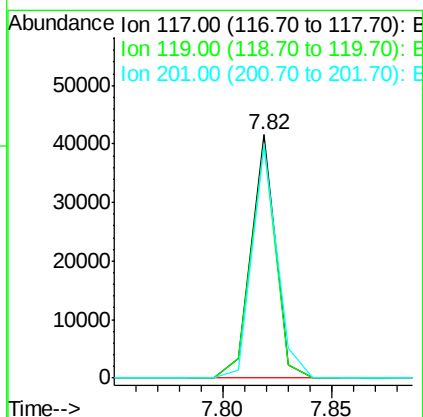
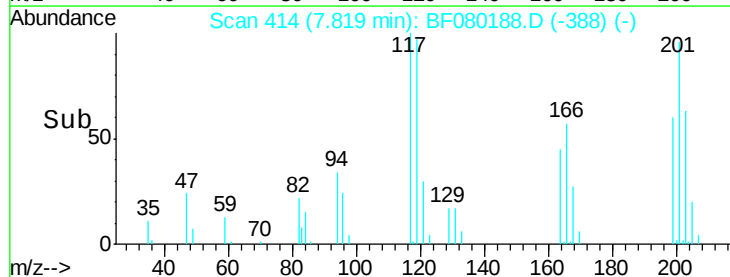
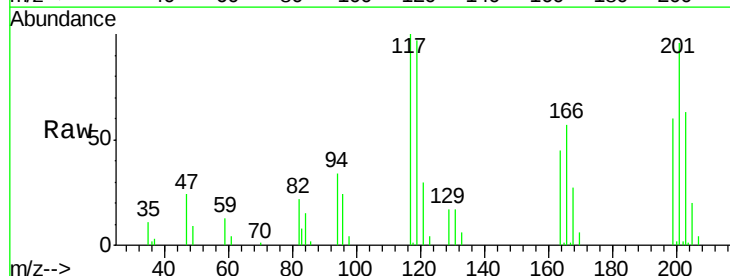
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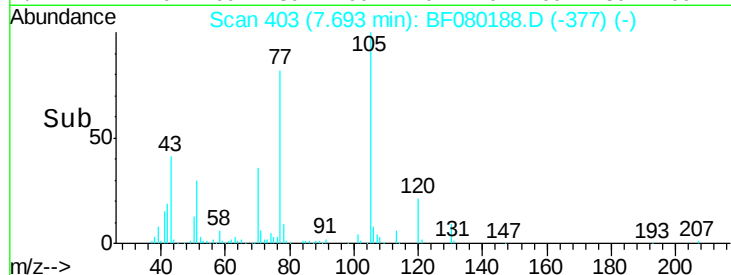
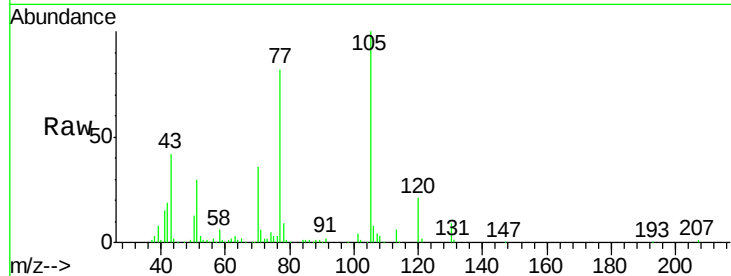
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#18
Hexachloroethane
Concen: 42.92 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:	117	Resp:	32368
Ion Ratio	Lower	Upper	
117	100		
119	96.5	83.8	125.6
201	95.9	55.1	82.7#





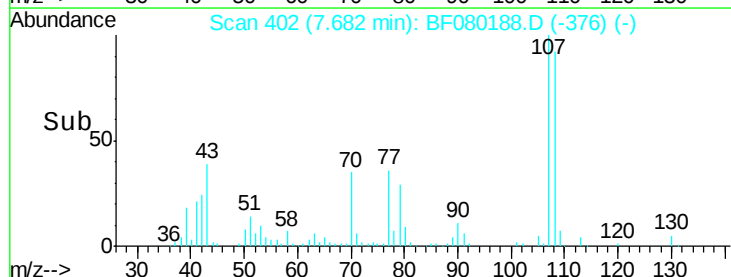
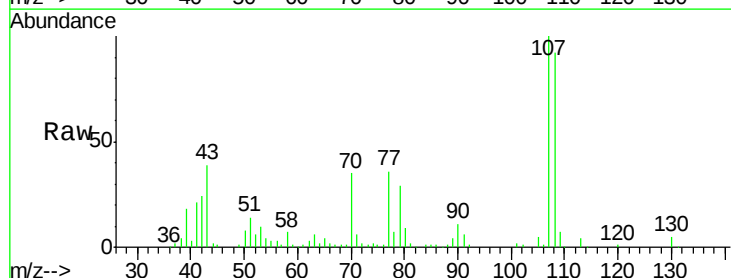
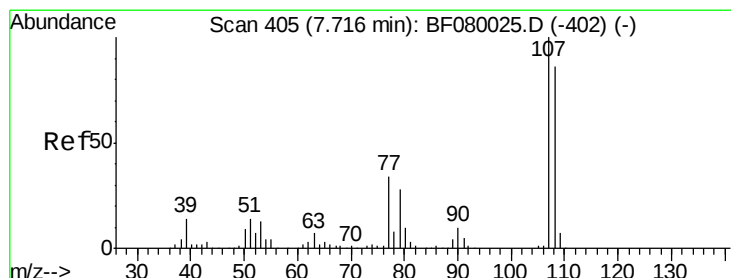
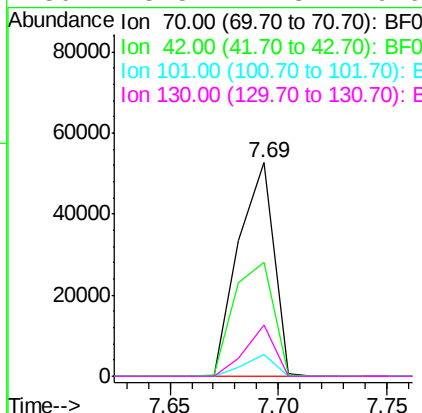
#19
n-Nitroso-di-n-propylamine
Concen: 37.53 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

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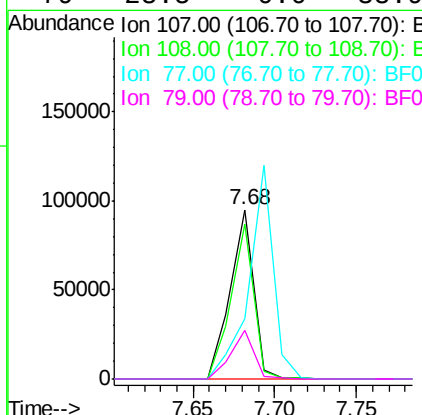
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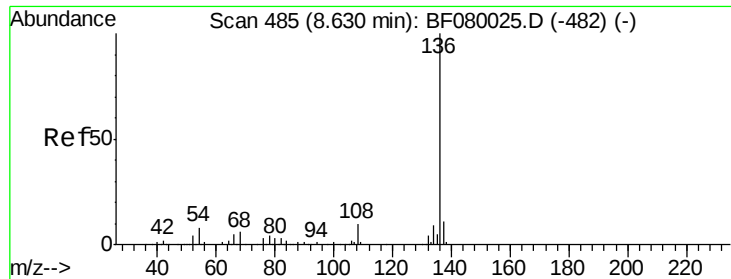
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	63.8	95.6#
101	10.5	9.2	13.8
130	23.8	27.3	40.9#



#20
3+4-Methylphenols
Concen: 43.02 ng
RT: 7.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.9	74.6	114.6
77	35.8	0.7	40.7
79	28.5	0.0	38.9





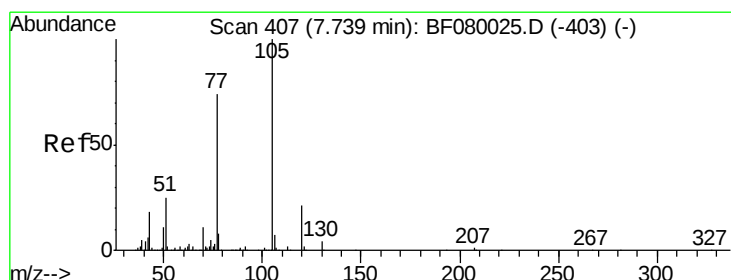
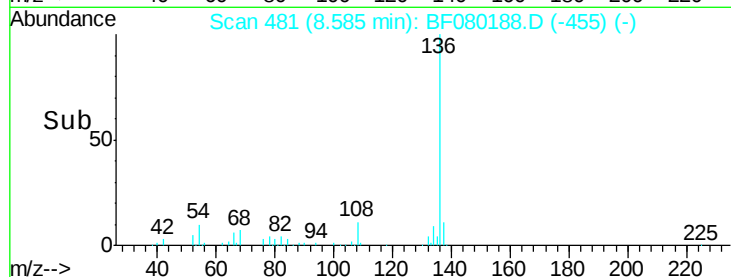
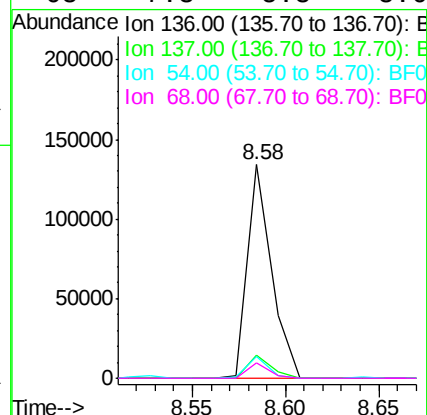
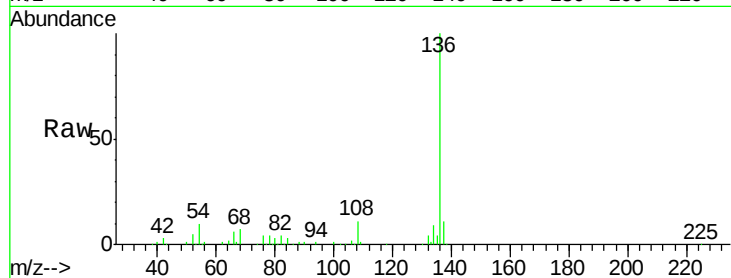
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.0	13.6
54	10.1	8.2	12.2
68	7.3	5.8	8.6

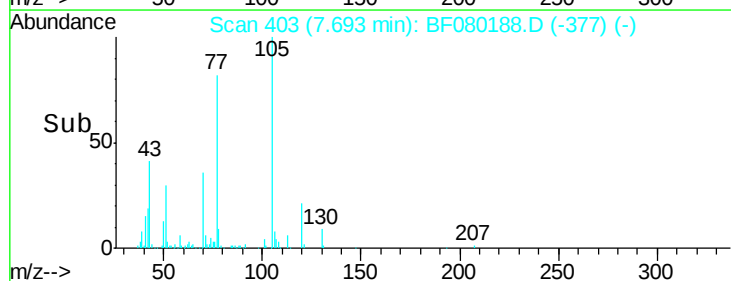
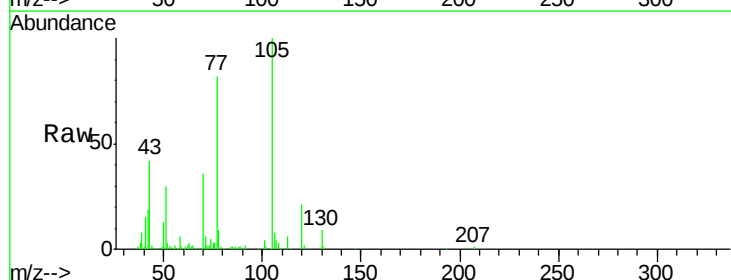
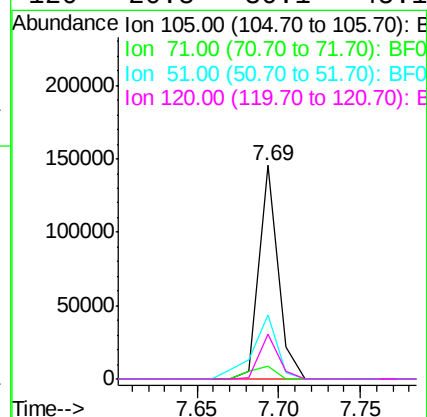
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#22
Acetophenone
Concen: 42.33 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.2	4.7	7.1
51	30.3	22.0	33.0
120	20.8	30.1	45.1#





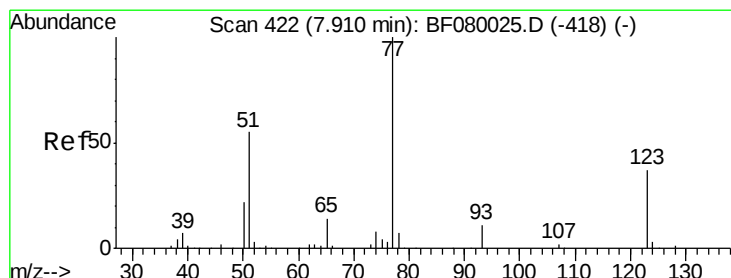
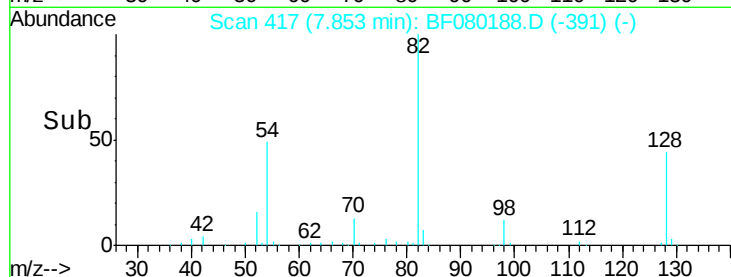
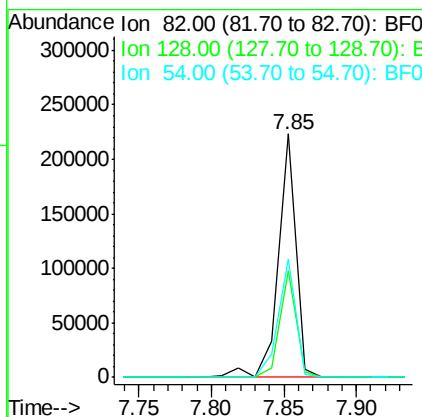
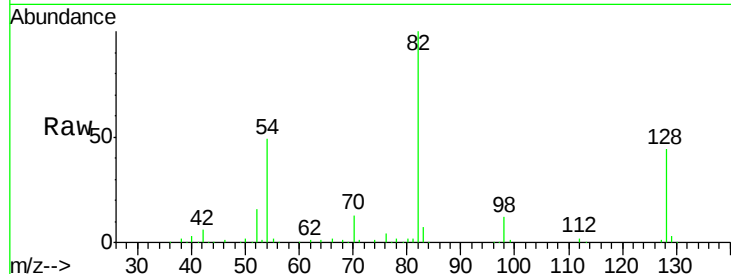
#23
 Nitrobenzene-d5
 Concen: 90.89 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	43.7	51.0	76.6#
54	48.5	47.5	71.3

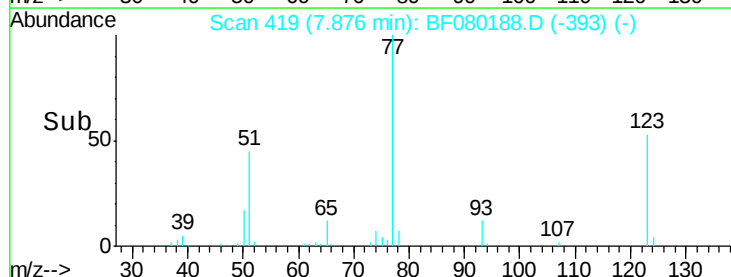
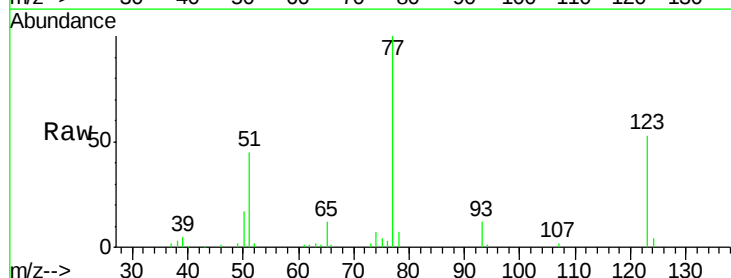
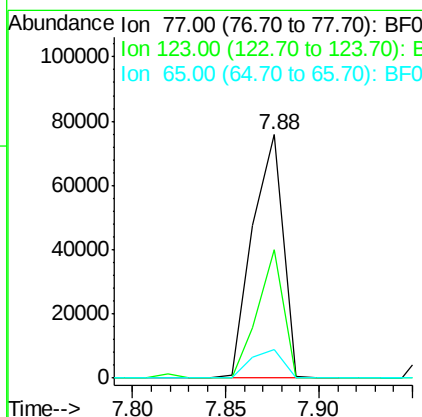
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#24
 Nitrobenzene
 Concen: 40.06 ng
 RT: 7.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	52.9	59.8	89.8#
65	11.9	10.2	15.4





#25

Isophorone

Concen: 38.38 ng

RT: 8.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

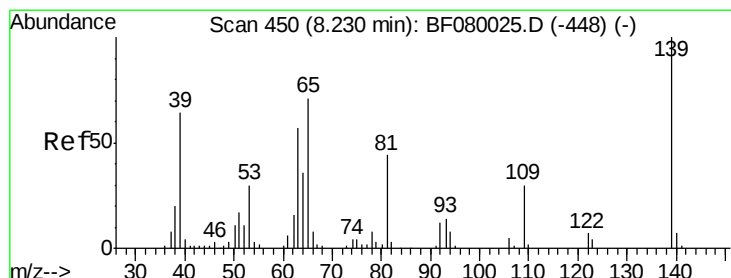
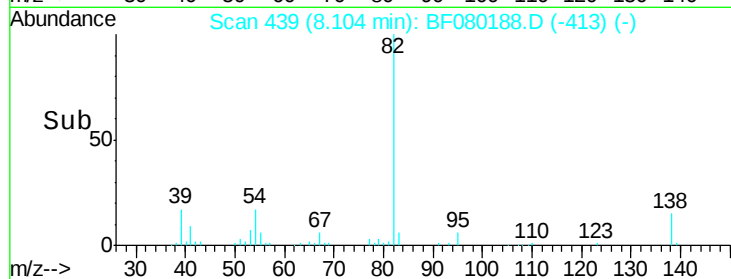
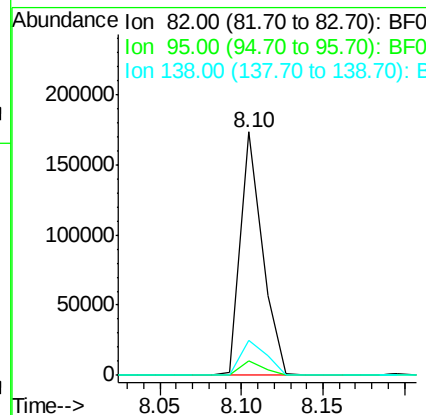
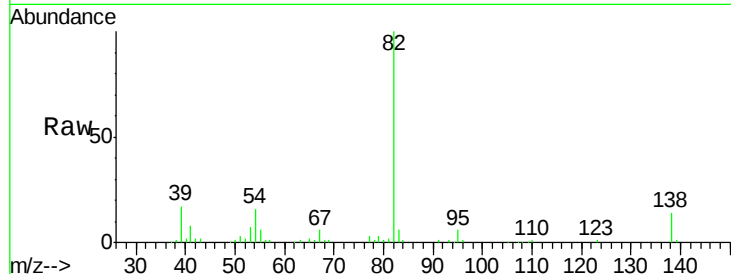
ClientSampleId :

PB84243BS

Tgt Ion:	82	Resp:	159892
Ion Ratio		Lower	Upper
82	100		
95	6.2	4.0	6.0#
138	14.5	18.3	27.5#

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#26

2-Nitrophenol

Concen: 48.01 ng

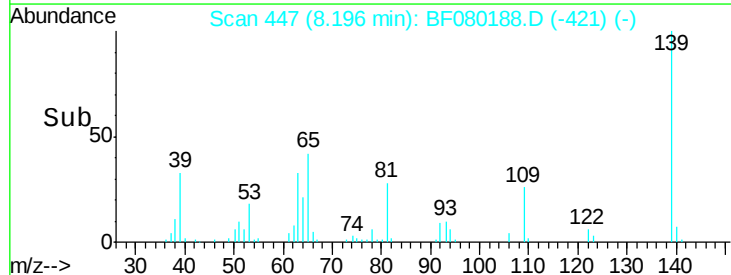
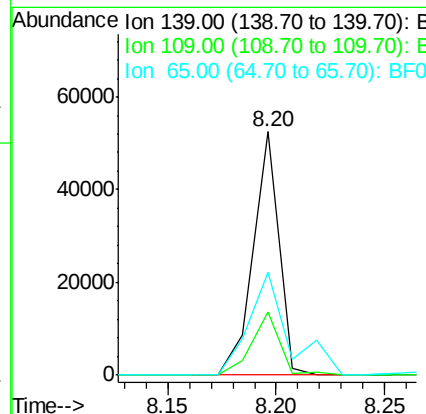
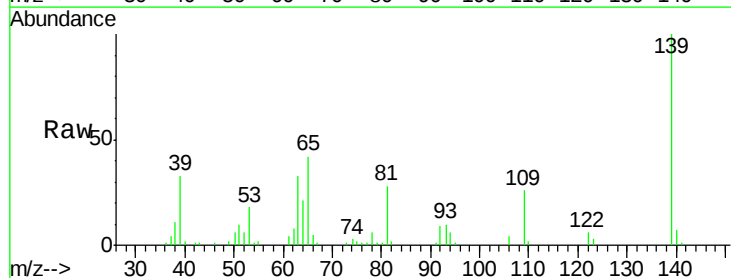
RT: 8.20 min Scan# 447

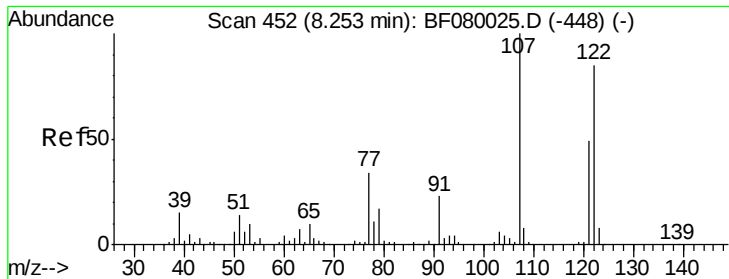
Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	139	Resp:	42941
Ion Ratio		Lower	Upper
139	100		
109	26.1	11.0	16.4#
65	42.4	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 43.06 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

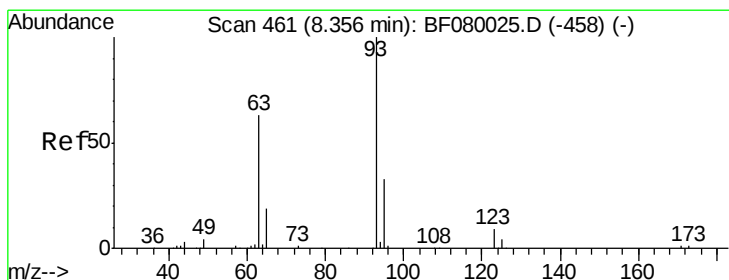
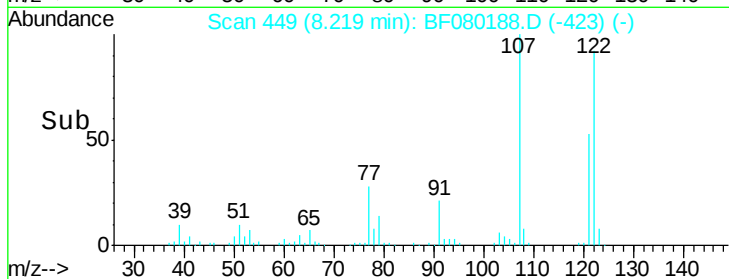
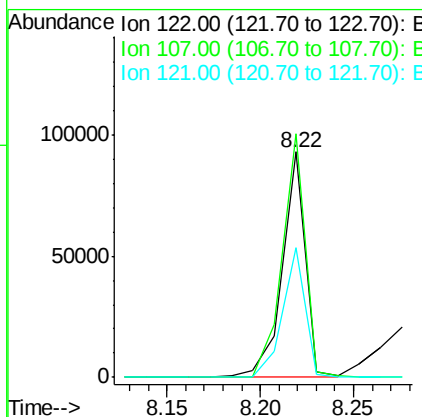
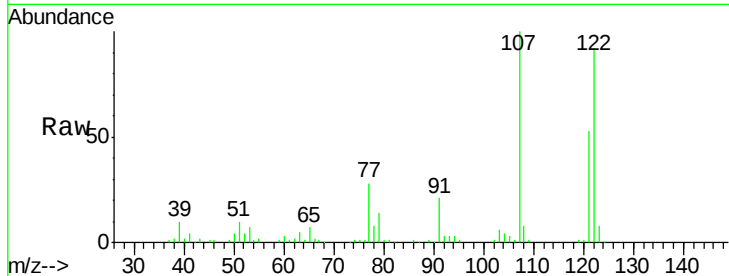
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	80300		
107	108.1	71.8	107.6#	
121	57.6	42.3	63.5	



#28

bis(2-Chloroethoxy)methane

Concen: 40.53 ng

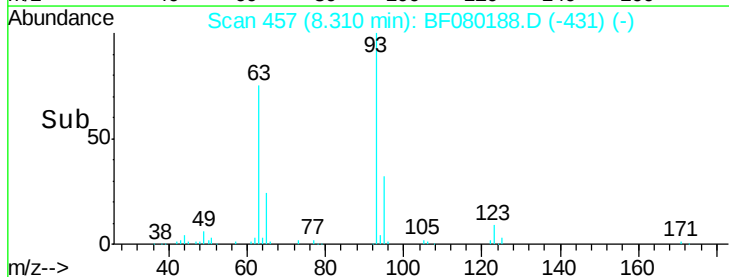
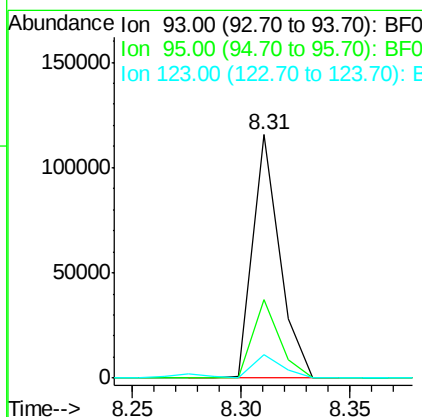
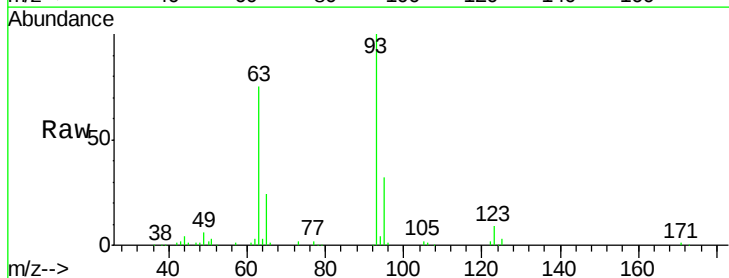
RT: 8.31 min Scan# 457

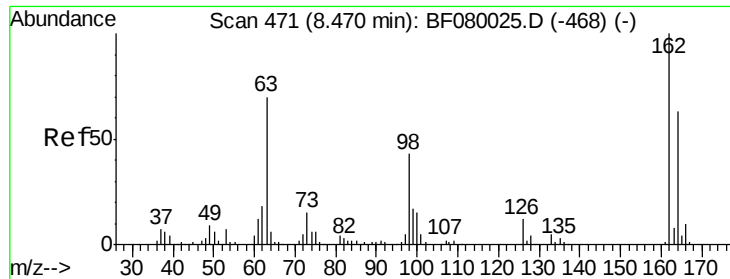
Delta R.T. 0.00 min

Lab File: BF080188.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	99199		
95	32.0	27.5	41.3	
123	9.5	13.7	20.5#	





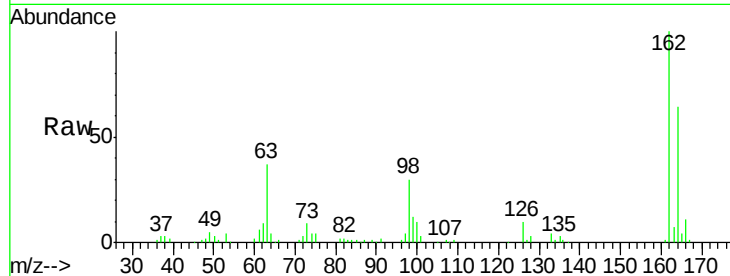
#29
2,4-Dichlorophenol
Concen: 47.22 ng
RT: 8.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

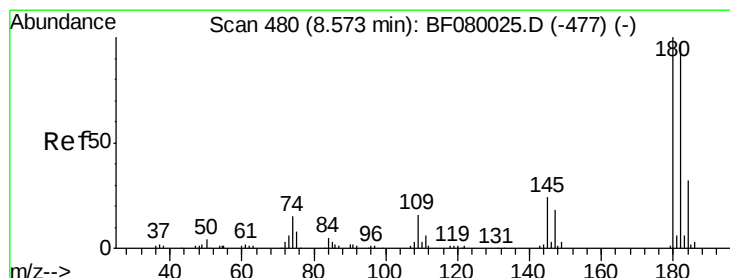
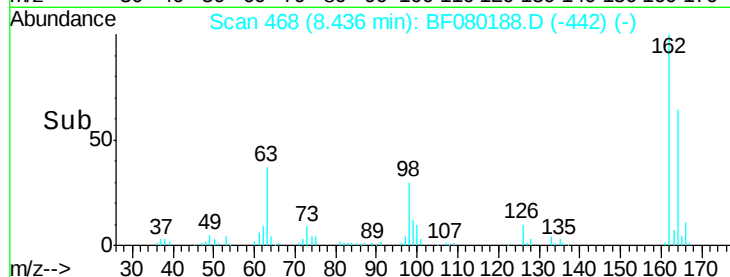
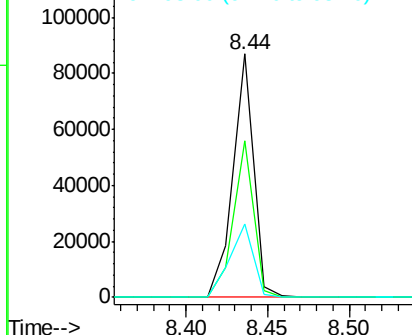
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	75412		
164	64.1	44.9	84.9	
98	30.0	13.0	53.0	

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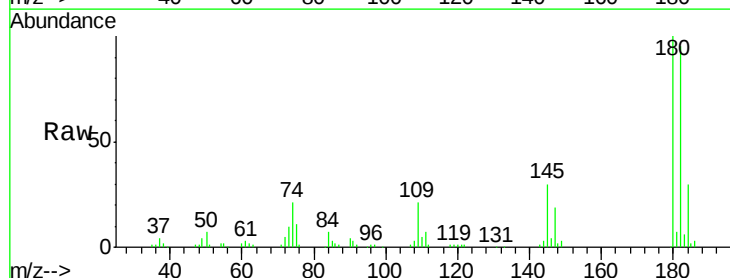


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

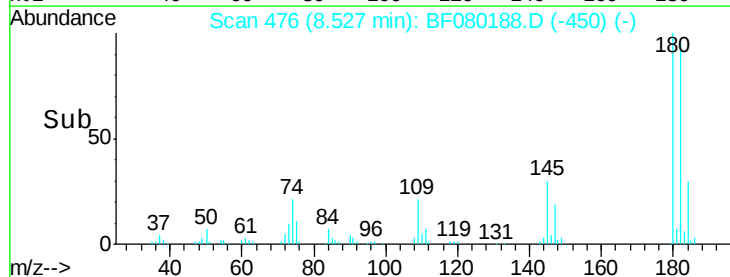
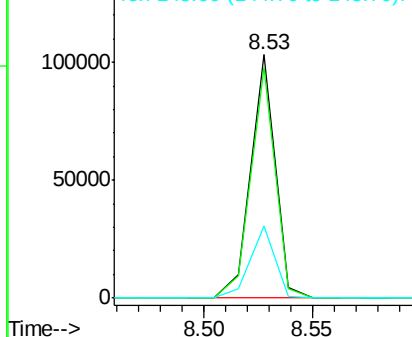


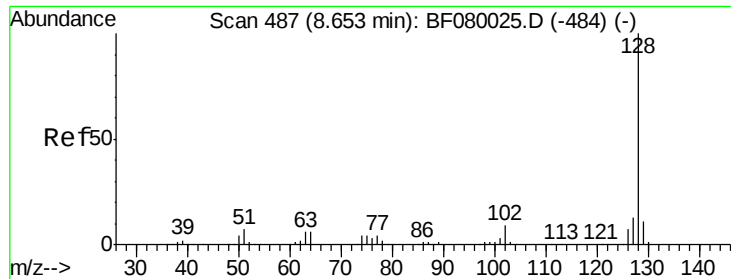
#30
1,2,4-Trichlorobenzene
Concen: 44.35 ng
RT: 8.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80444		
182	94.9	77.1	115.7	
145	29.8	23.3	34.9	



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





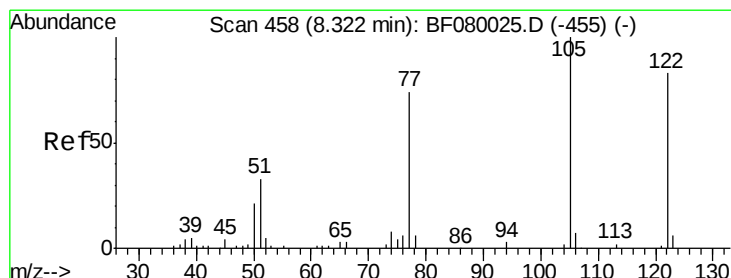
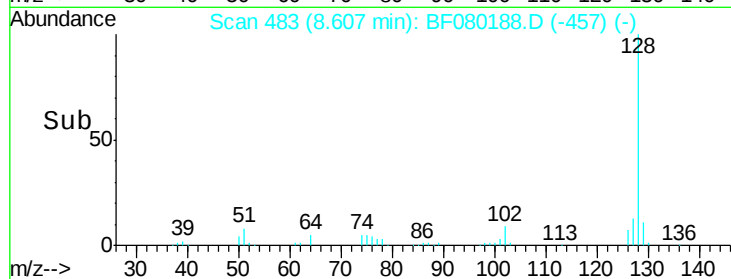
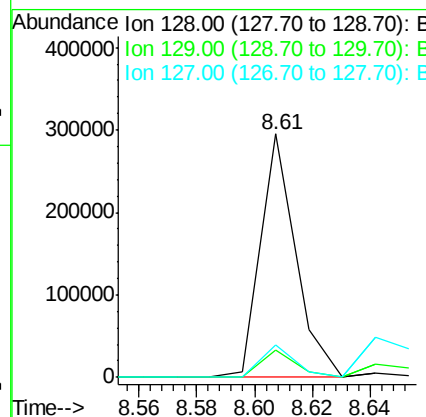
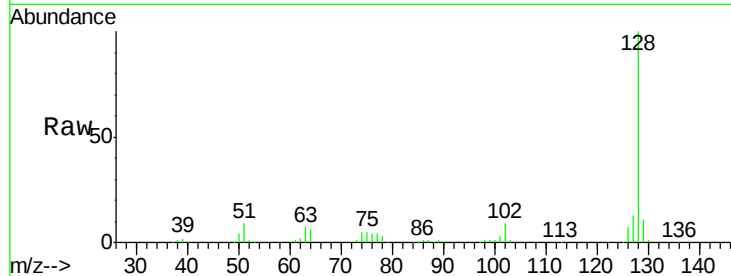
#31
Naphthalene
Concen: 39.22 ng m
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.4	12.6
127	13.1	9.9	14.9

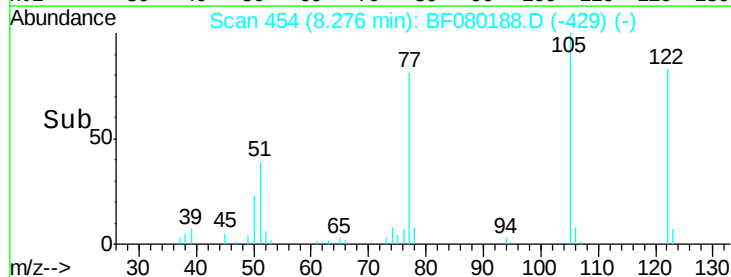
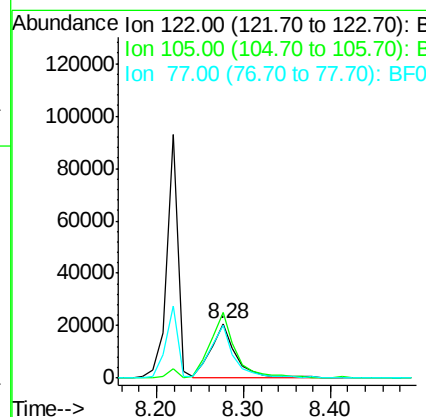
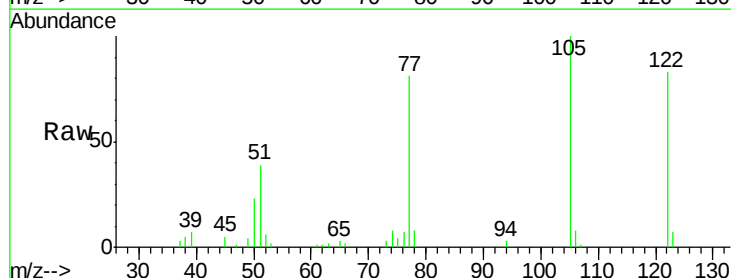
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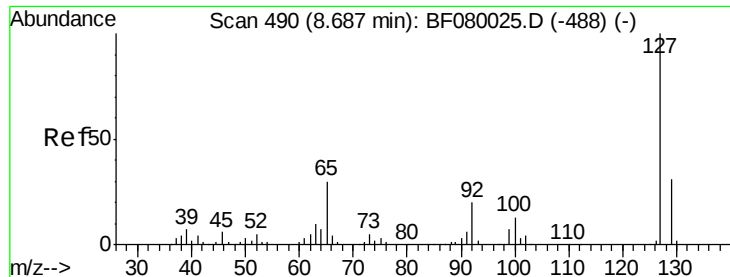
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#32
Benzoic acid
Concen: 37.43 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	120.6	76.1	116.1#
77	97.1	40.5	80.5#





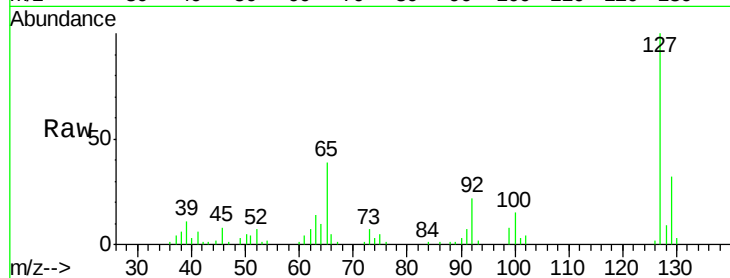
#33
4-Chloroaniline
Concen: 21.70 ng m
RT: 8.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

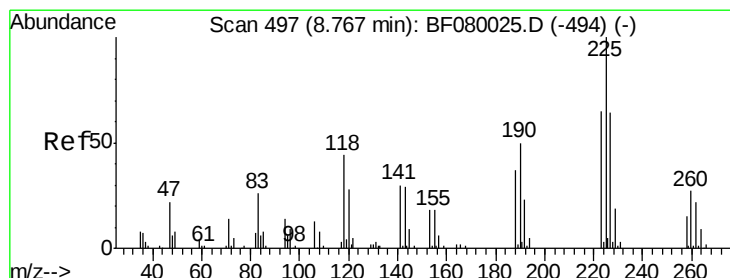
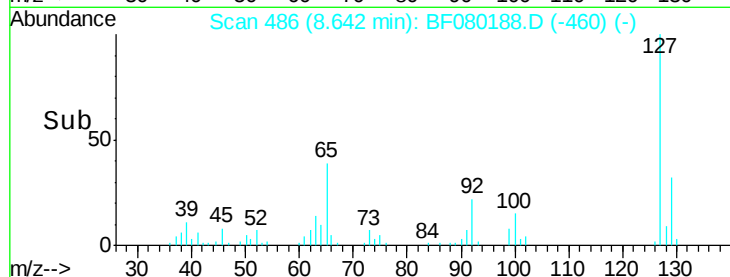
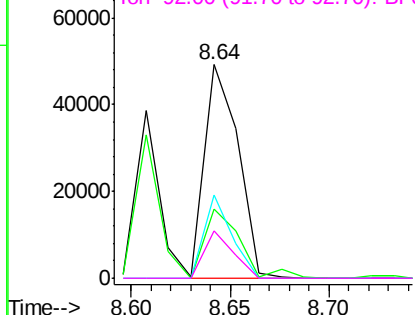
Tgt Ion:	127	Resp:	58519
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.8	38.6
65	39.2	17.9	26.9#
92	22.5	10.5	15.7#

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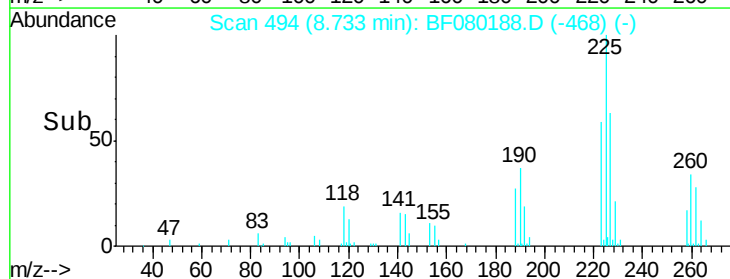
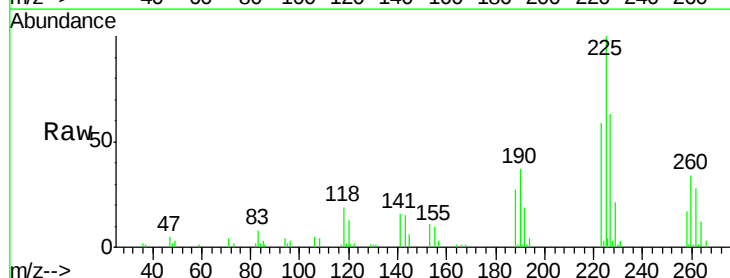
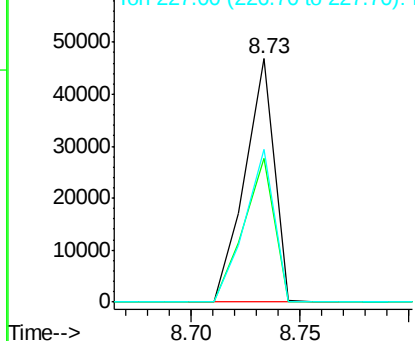
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 39.54 ng
RT: 8.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion:	225	Resp:	44158
Ion Ratio	Lower	Upper	
225	100		
223	58.9	50.2	75.2
227	62.8	52.2	78.2

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





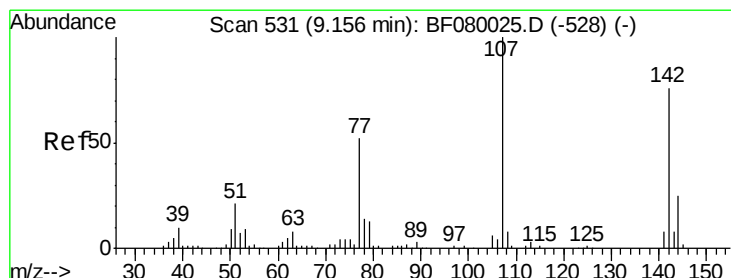
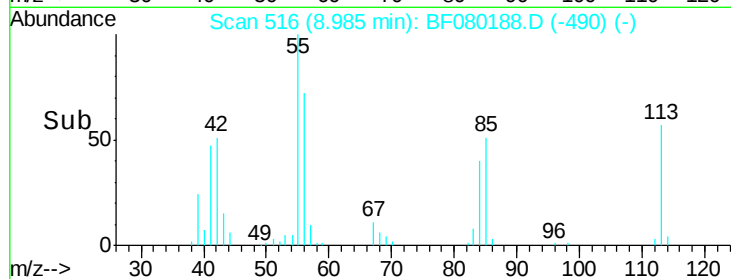
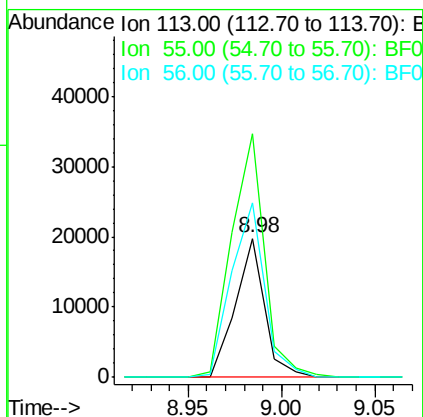
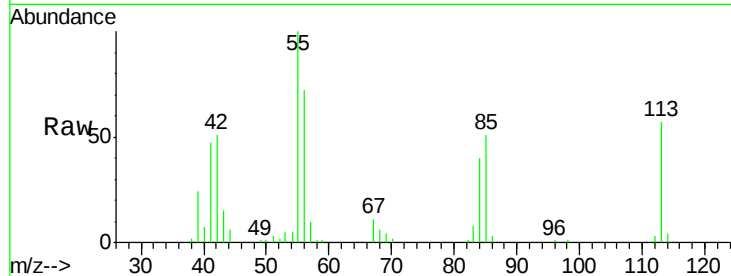
#35
 Caprolactam
 Concen: 41.73 ng
 RT: 8.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion:113 Resp: 21631
 Ion Ratio Lower Upper
 113 100
 55 175.6 152.4 192.4
 56 126.0 104.6 144.6

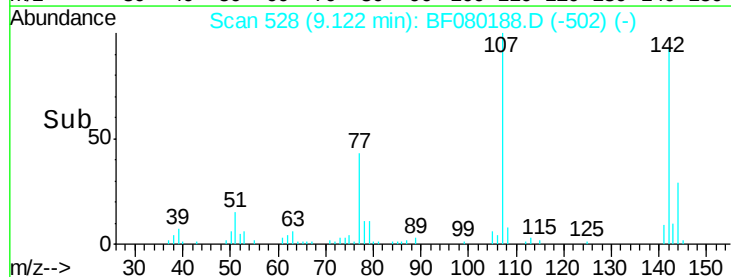
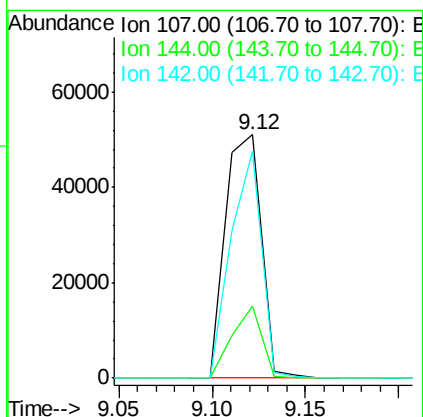
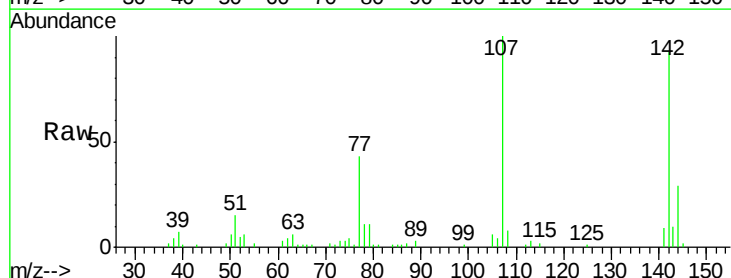
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#36
 4-Chloro-3-methylphenol
 Concen: 38.17 ng
 RT: 9.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion:107 Resp: 68759
 Ion Ratio Lower Upper
 107 100
 144 29.5 25.4 38.0
 142 93.4 77.3 115.9





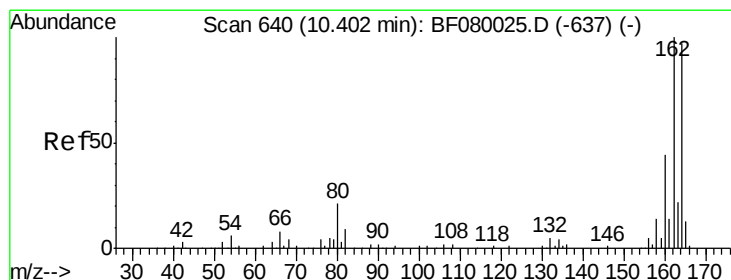
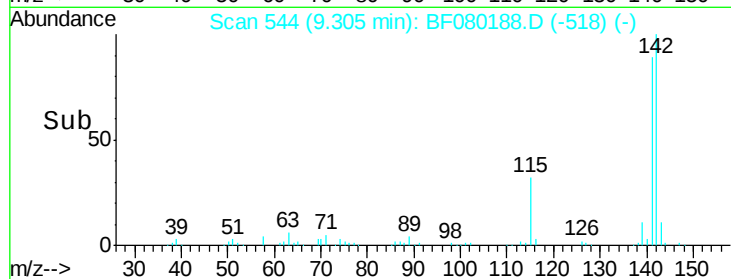
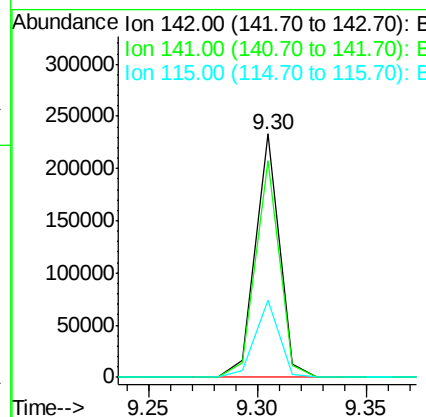
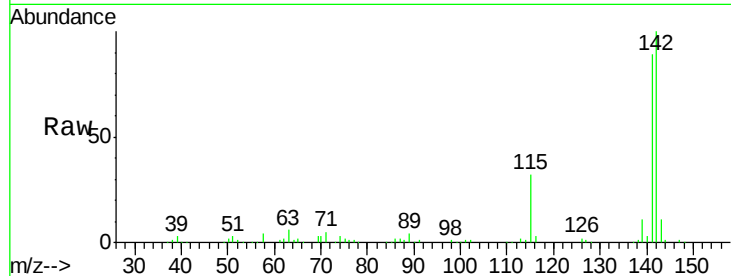
#37
 2-Methylnaphthalene
 Concen: 44.03 ng
 RT: 9.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	179471		
141	89.1	67.5	101.3	
115	31.6	18.2	27.2	

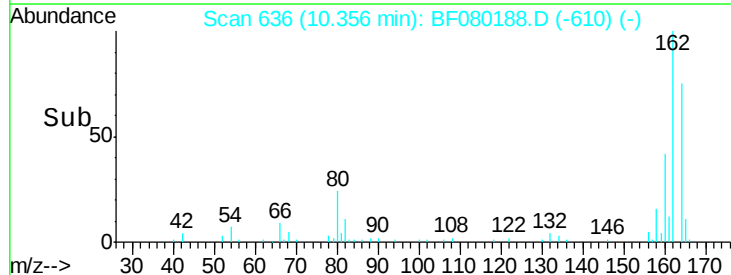
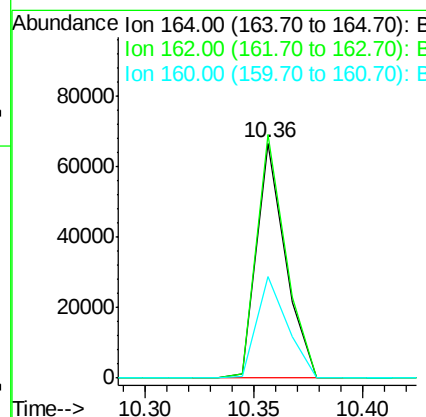
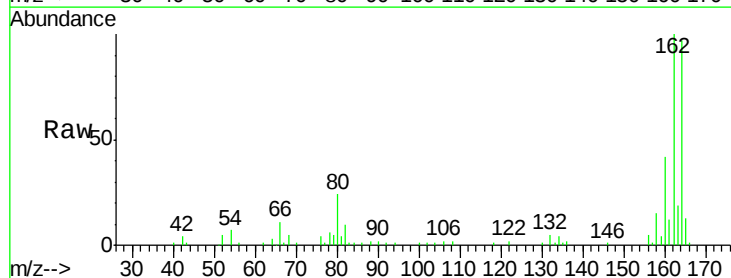
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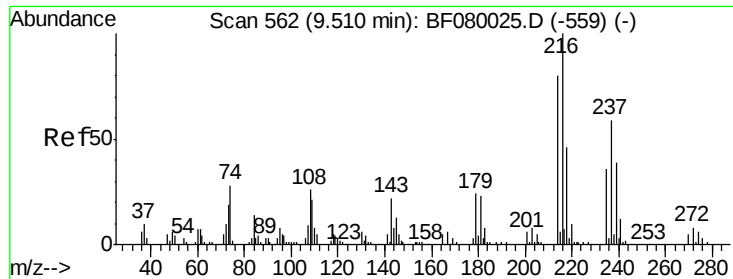
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61261		
162	103.5	75.2	112.8	
160	43.0	31.5	47.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.13 ng

RT: 9.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF080188.D

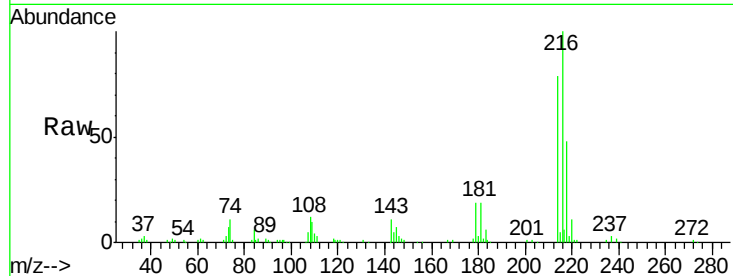
Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

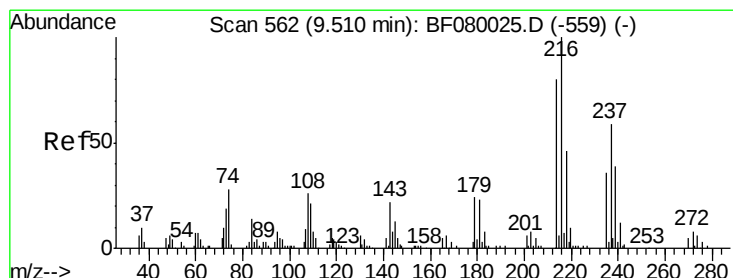
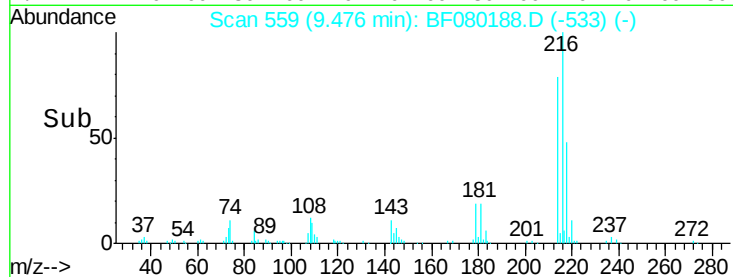
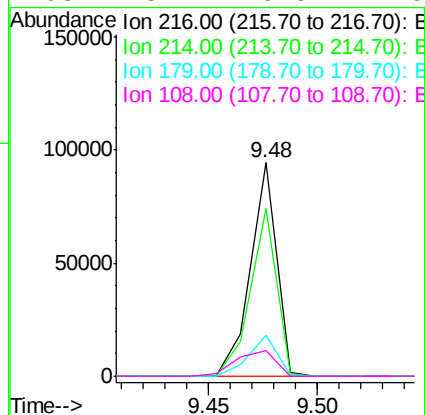
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	78669		
214	79.0	63.5	95.3	
179	20.7	16.6	24.8	
108	18.4	16.3	24.5	

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#40

Hexachlorocyclopentadiene

Concen: 77.40 ng

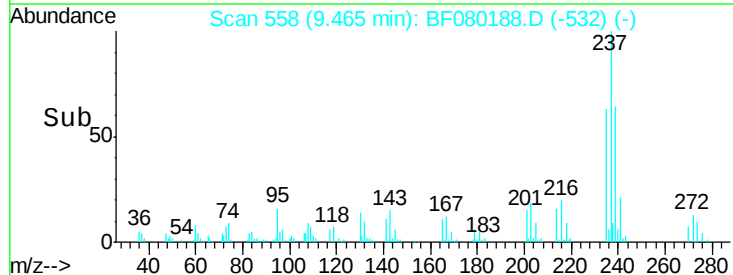
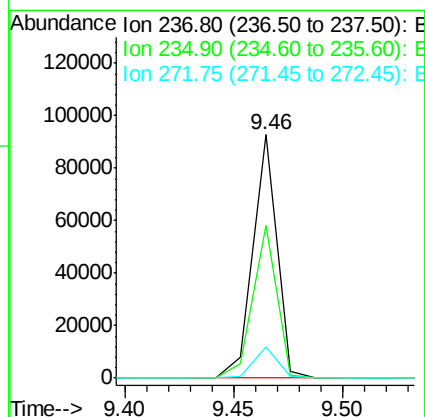
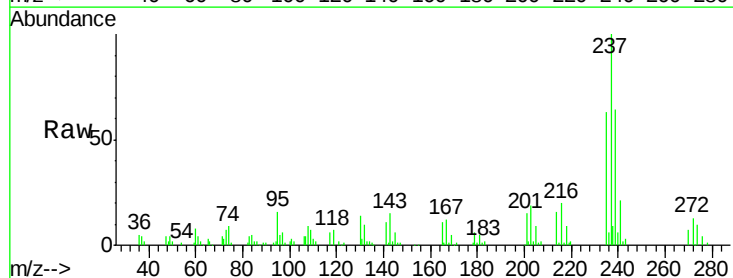
RT: 9.46 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	70802		
235	62.9	42.0	82.0	
272	12.8	0.0	36.1	





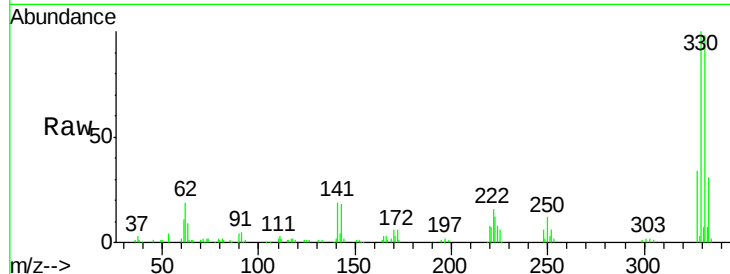
#41
 2,4,6-Tribromophenol
 Concen: 130.43 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

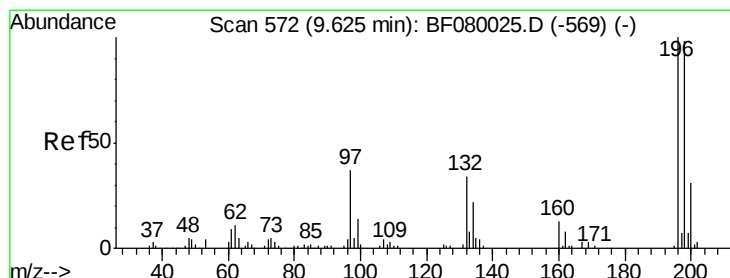
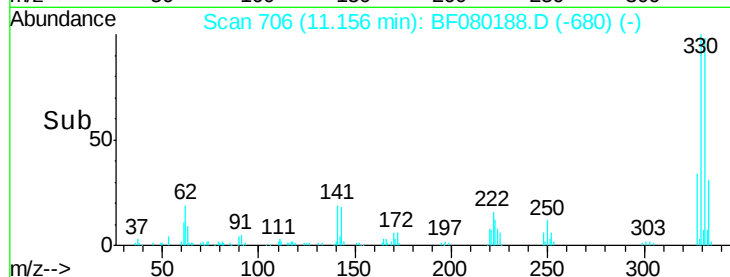
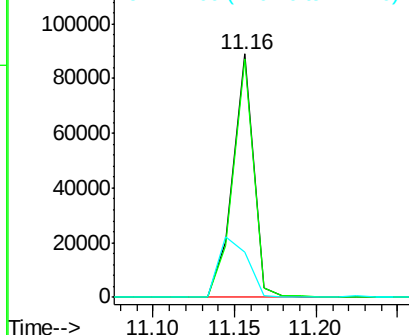
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	78134		
332	97.2	76.6	114.8	
141	34.6	29.7	44.5	

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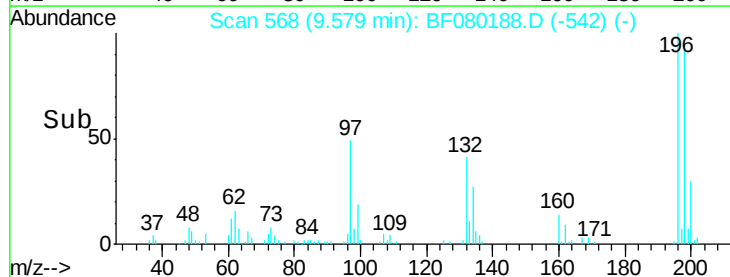
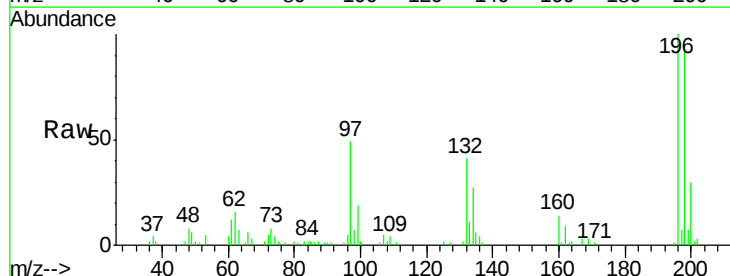
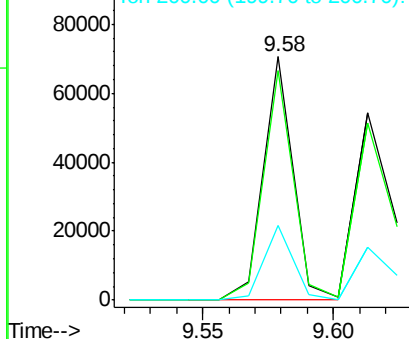
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

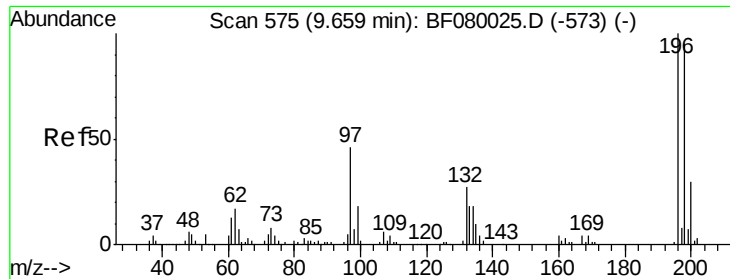


#42
 2,4,6-Trichlorophenol
 Concen: 45.92 ng
 RT: 9.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55694		
198	94.1	75.7	113.5	
200	30.5	23.9	35.9	

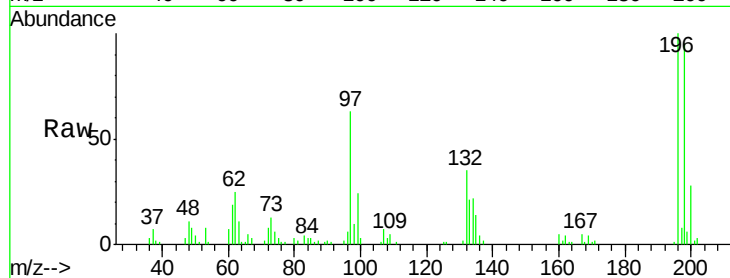
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 38.72 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

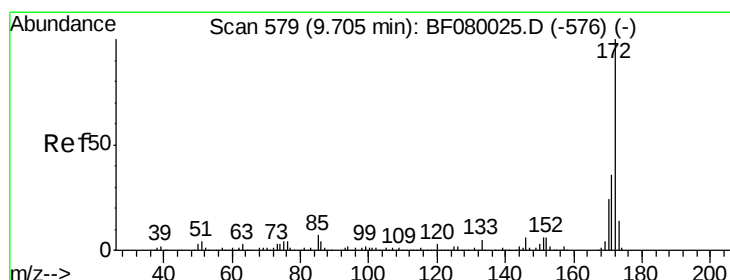
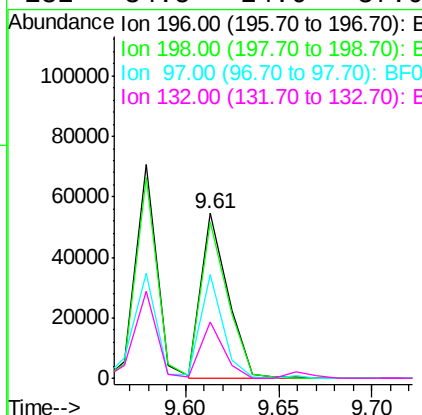
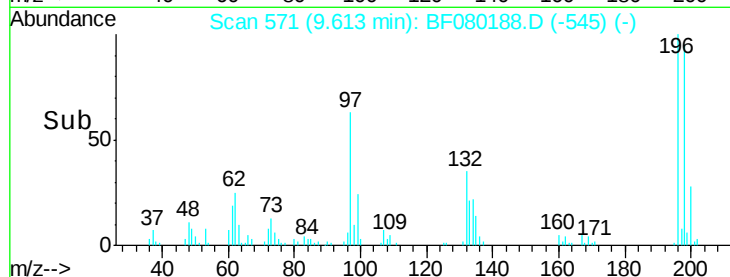
Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	54116		
198	94.5	75.4	113.0	
97	63.3	33.3	49.9	
132	34.5	24.6	37.0	

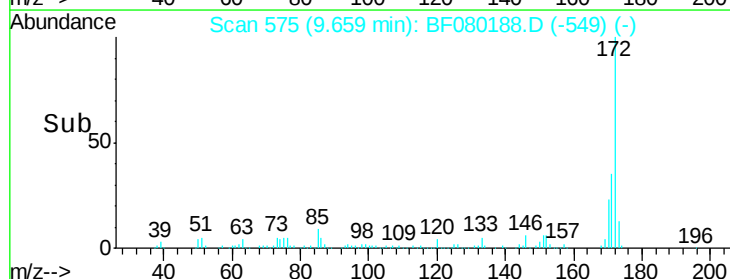
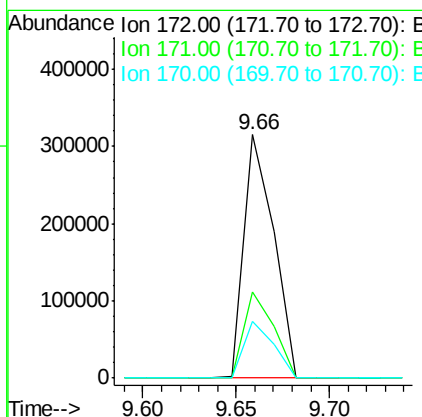
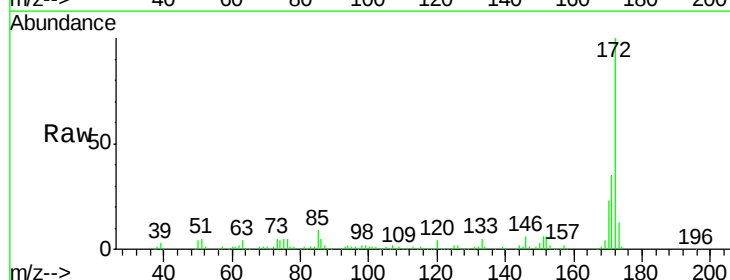
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#44
 2-Fluorobiphenyl
 Concen: 81.16 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	348620		
171	35.4	26.1	39.1	
170	23.3	17.4	26.2	





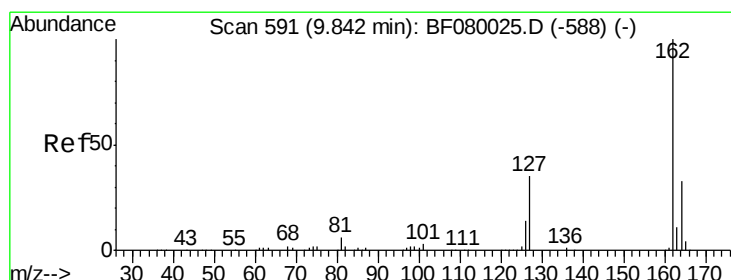
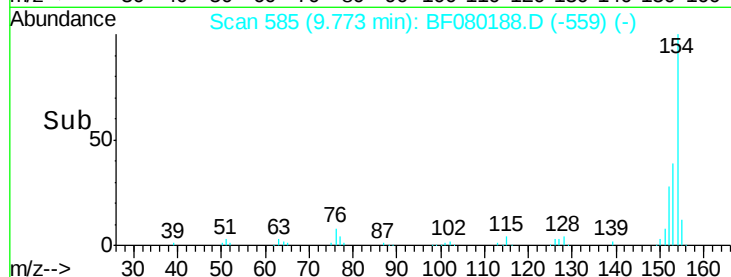
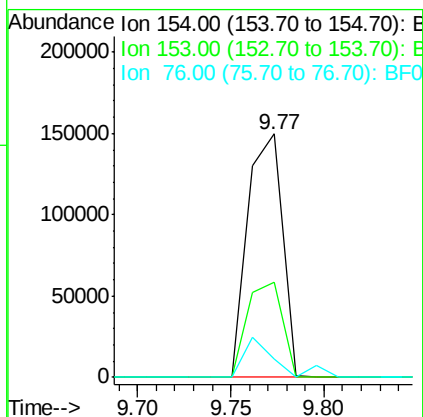
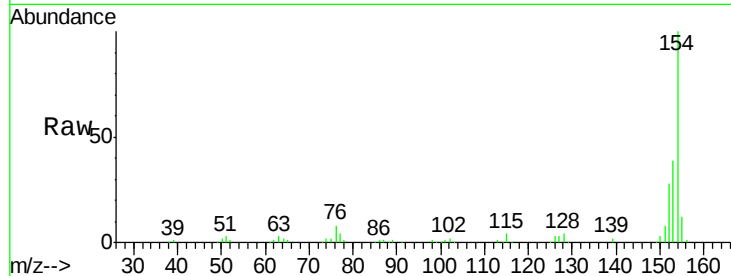
#45
 1,1'-Biphenyl
 Concen: 38.68 ng
 RT: 9.77 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.2	17.1	57.1
76	7.7	0.0	31.6

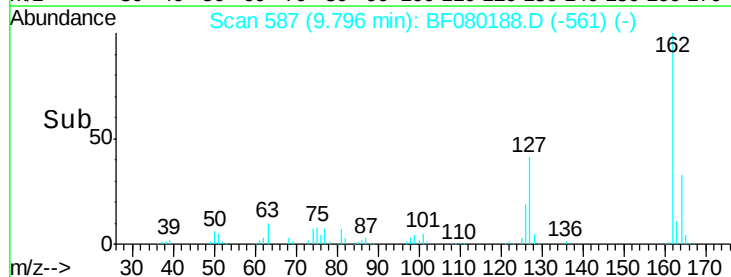
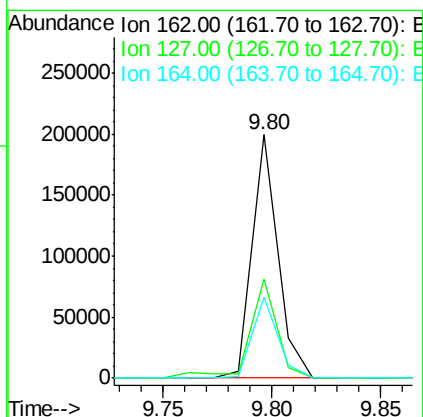
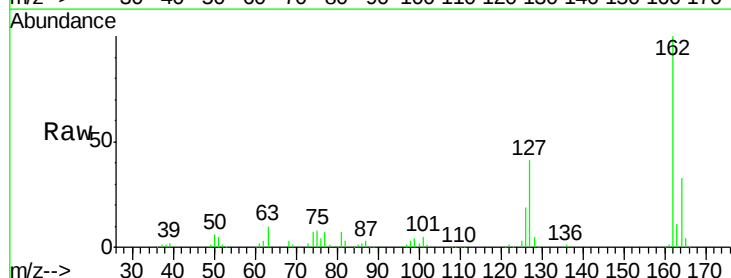
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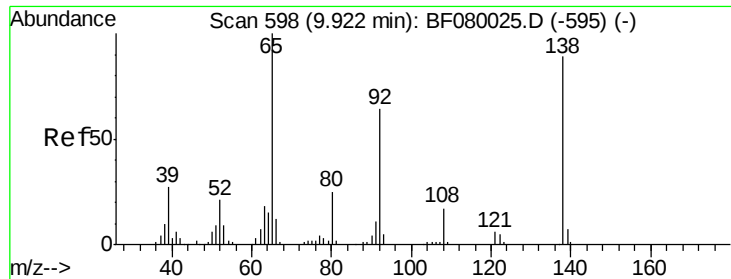
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#46
 2-Chloronaphthalene
 Concen: 40.37 ng
 RT: 9.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.7	27.6	41.4
164	33.2	25.4	38.2





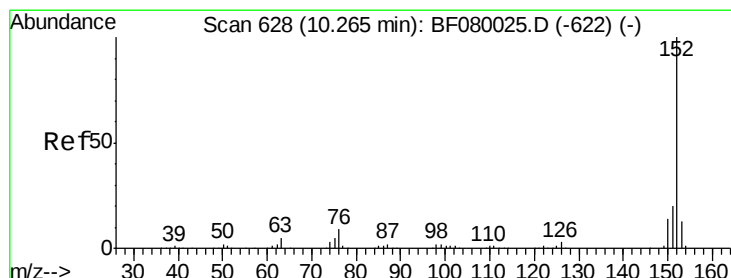
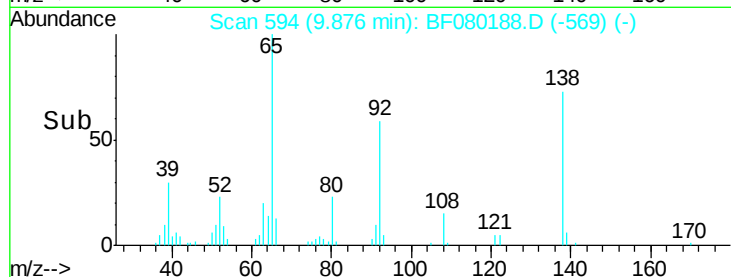
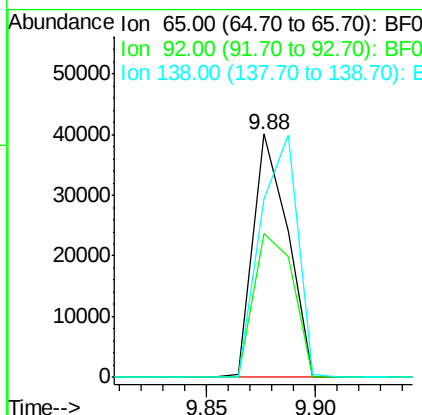
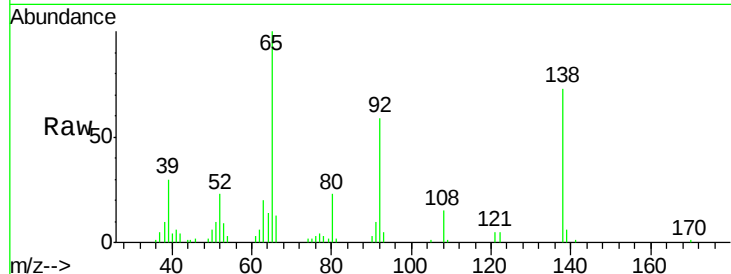
#47
2-Nitroaniline
Concen: 39.94 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampled :
PB84243BS

Tgt Ion: 65 Resp: 44343
Ion Ratio Lower Upper
65 100
92 58.9 55.4 83.0
138 73.1 115.5 173.3#

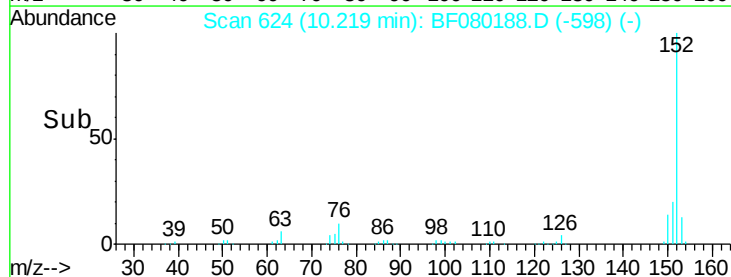
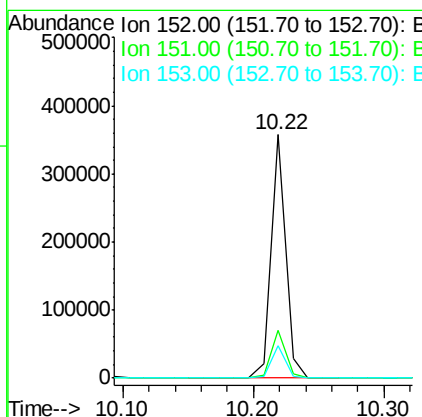
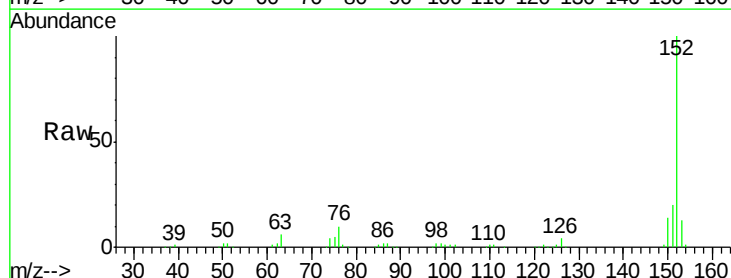
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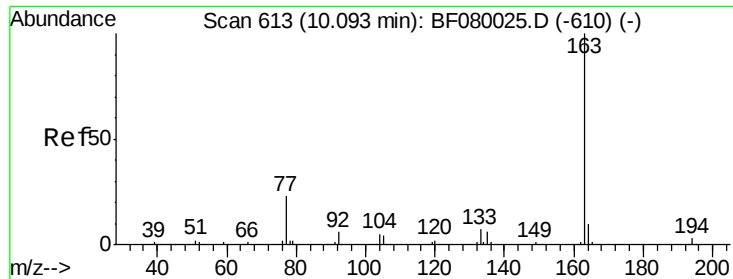
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#48
Acenaphthylene
Concen: 41.63 ng
RT: 10.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion: 152 Resp: 281002
Ion Ratio Lower Upper
152 100
151 19.9 14.6 22.0
153 13.4 10.3 15.5





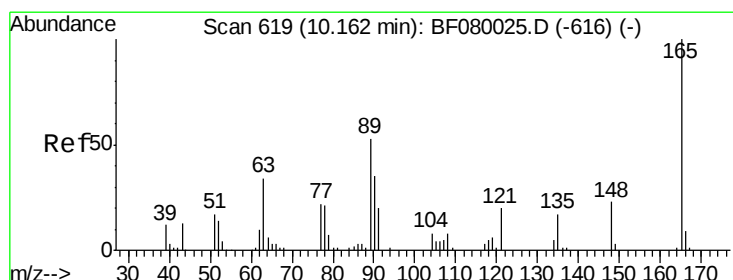
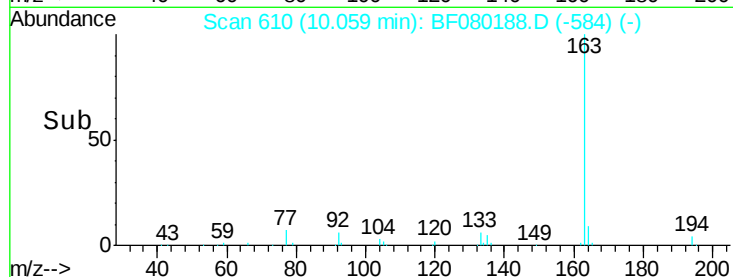
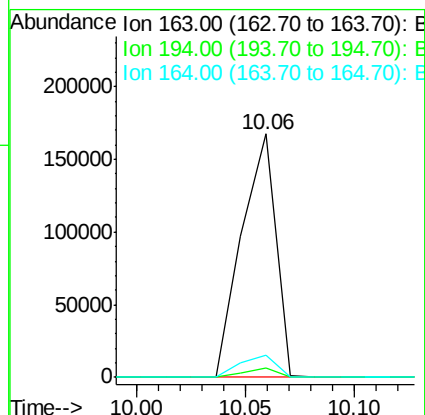
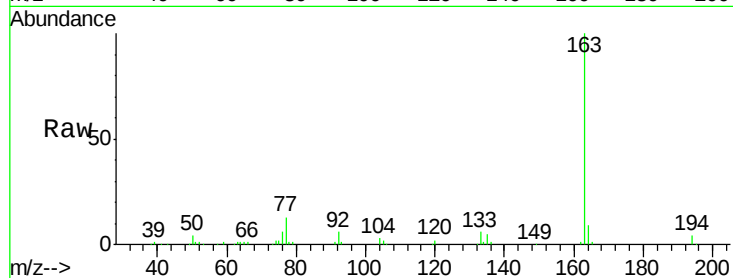
#49
Dimethylphthalate
Concen: 39.57 ng
RT: 10.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	4.4	6.6#
164	9.3	8.3	12.5

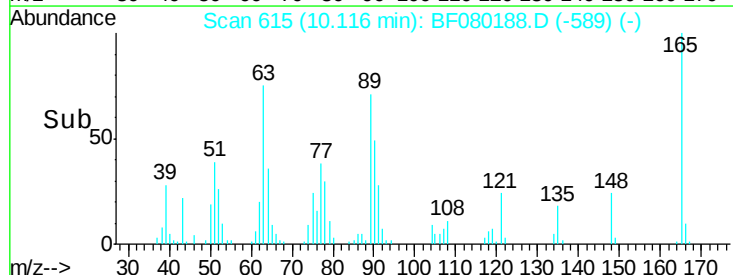
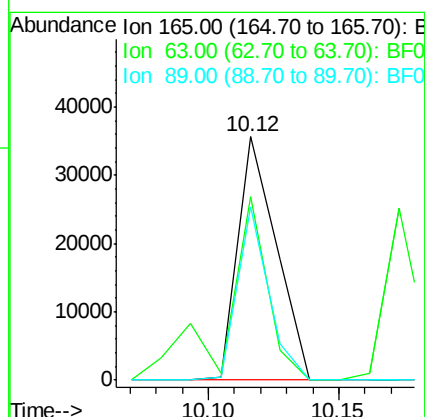
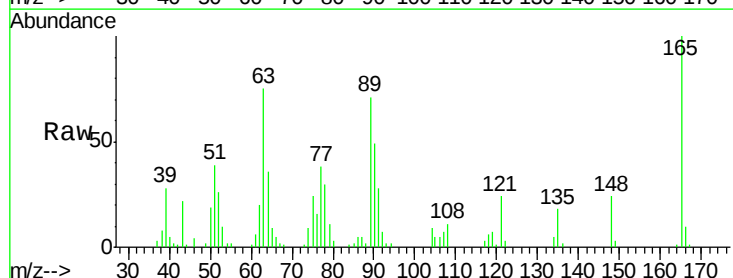
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#50
2,6-Dinitrotoluene
Concen: 40.00 ng
RT: 10.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	75.5	32.3	48.5#
89	71.3	28.6	43.0#





#51

Acenaphthene

Concen: 41.21 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080188.D

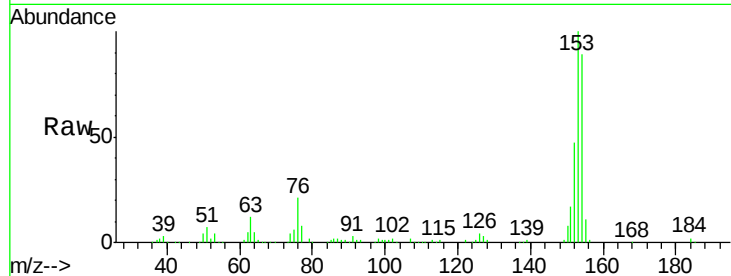
Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

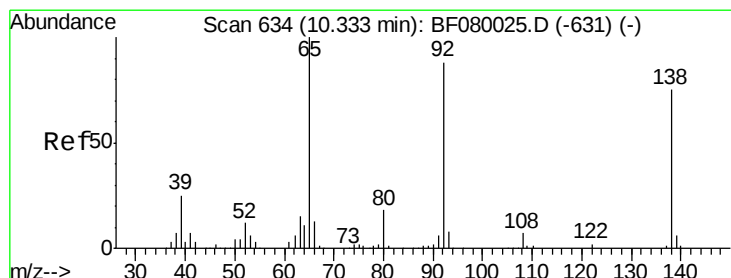
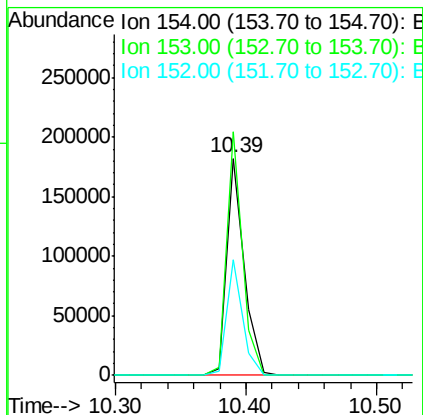
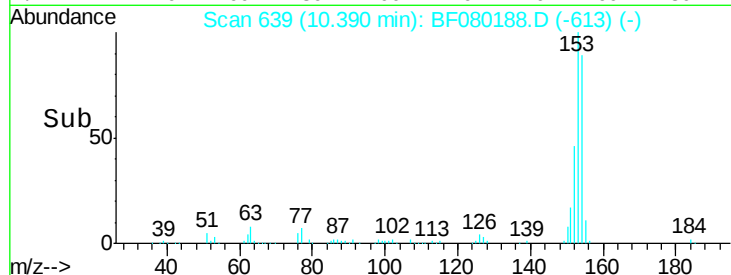
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Tgt Ion:	154	Resp:	170155
Ion Ratio	Lower	Upper	
154	100		
153	112.0	82.1	123.1
152	53.1	37.9	56.9

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#52

3-Nitroaniline

Concen: 32.26 ng

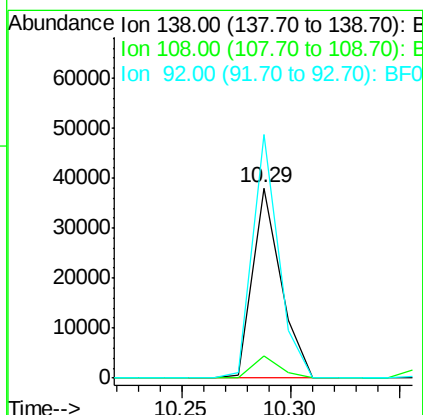
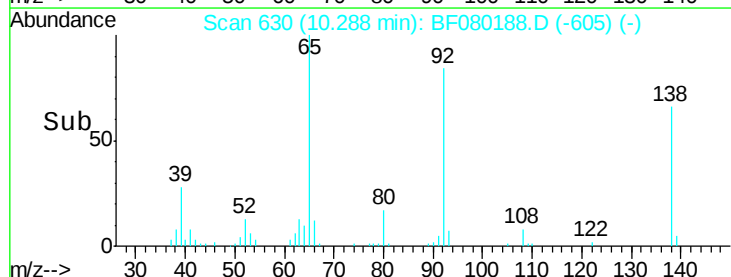
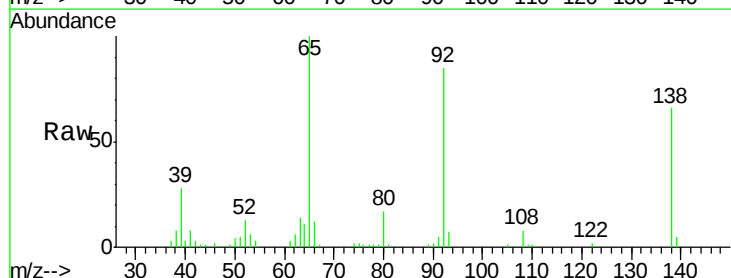
RT: 10.29 min Scan# 630

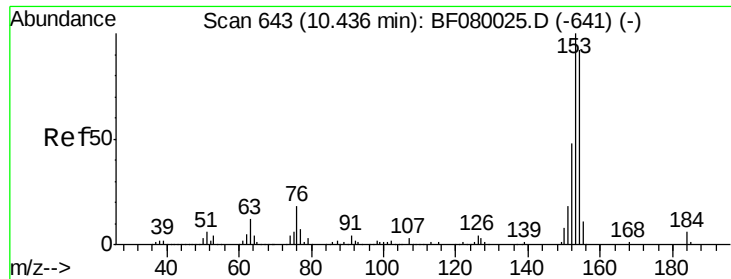
Delta R.T. -0.01 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

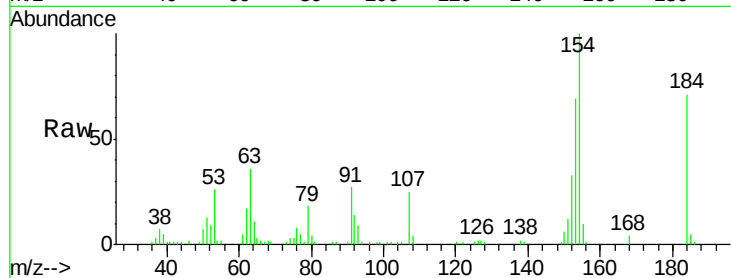
Tgt Ion:	138	Resp:	34371
Ion Ratio	Lower	Upper	
138	100		
108	11.4	5.7	8.5#
92	128.0	67.7	101.5#





#53
2,4-Dinitrophenol
Concen: 89.89 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

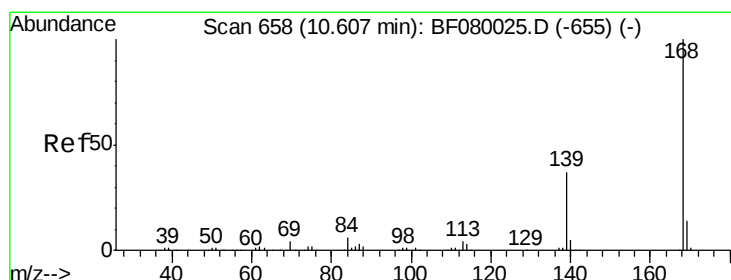
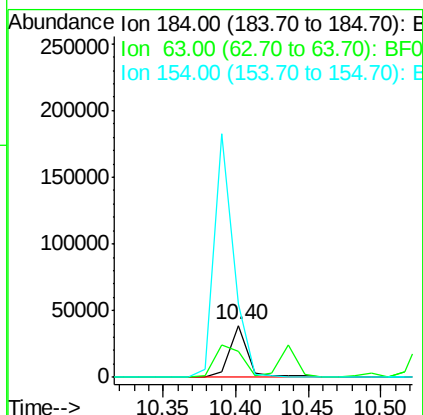
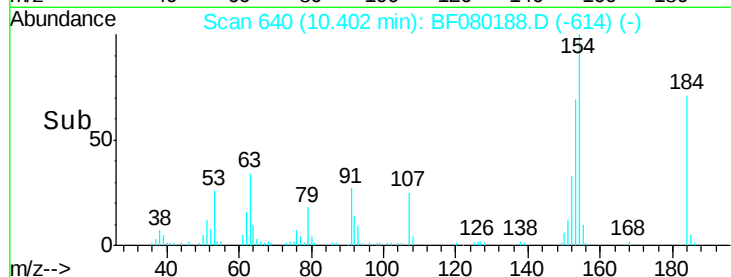
Instrument :
BNA_F
ClientSampleId :
PB84243BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	34075		
63	50.6	35.4	53.2	
154	141.8	32.2	48.4#	

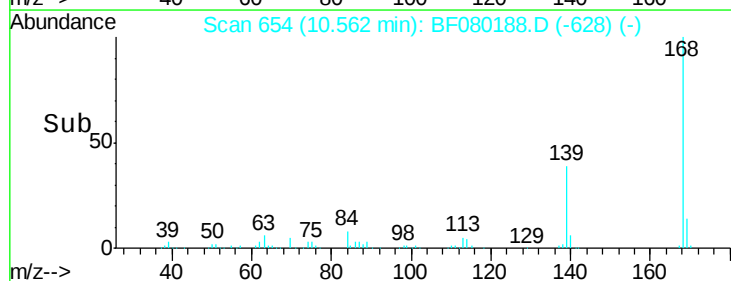
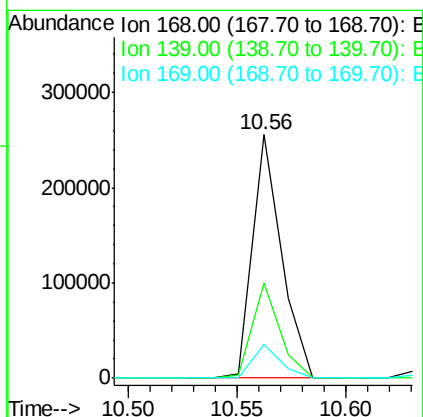
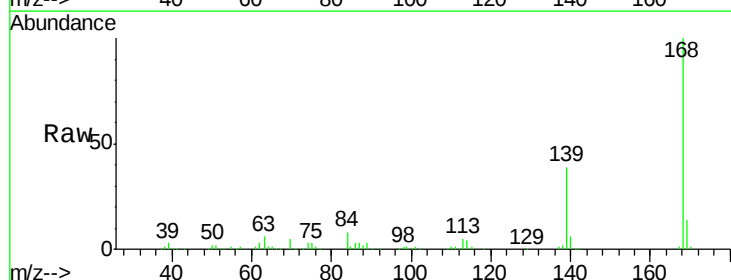
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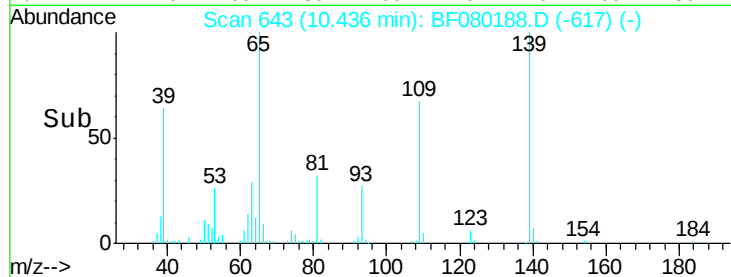
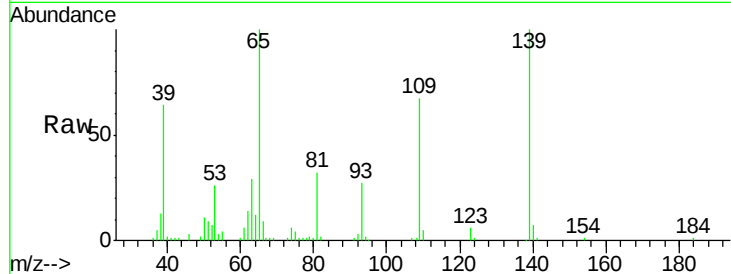
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#54
Dibenzofuran
Concen: 40.27 ng
RT: 10.56 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	235964		
139	39.3	24.2	36.2#	
169	13.8	10.6	15.8	





#55

4-Nitrophenol

Concen: 84.22 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	71713		
109	67.1	12.7	52.7#	
65	100.5	45.9	85.9#	

Instrument :

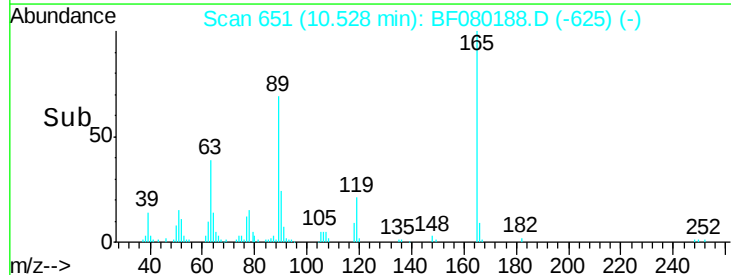
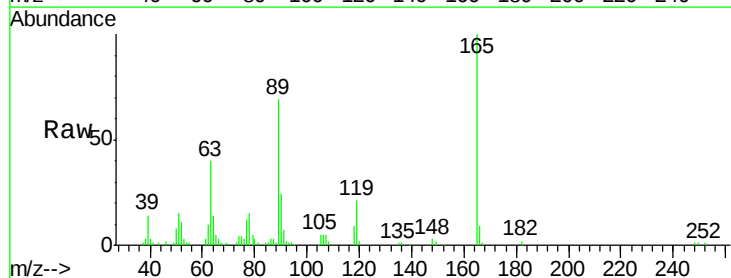
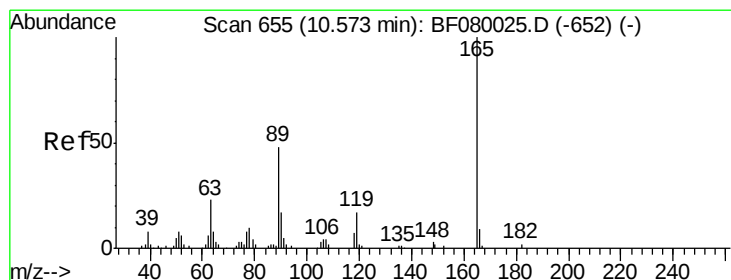
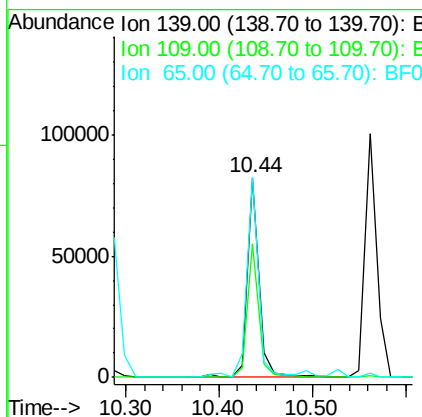
BNA_F

ClientSampleId :

PB84243BS

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#56

2,4-Dinitrotoluene

Concen: 49.38 ng

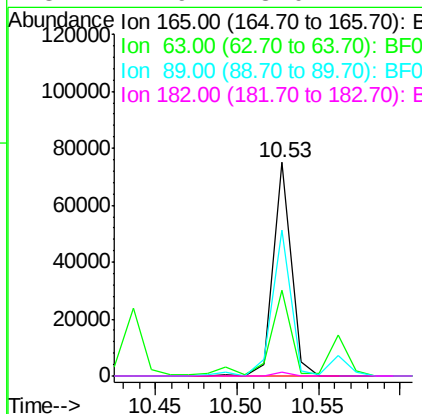
RT: 10.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	57855		
63	40.0	29.8	44.6	
89	68.6	44.5	66.7#	
182	1.9	3.0	4.4#	





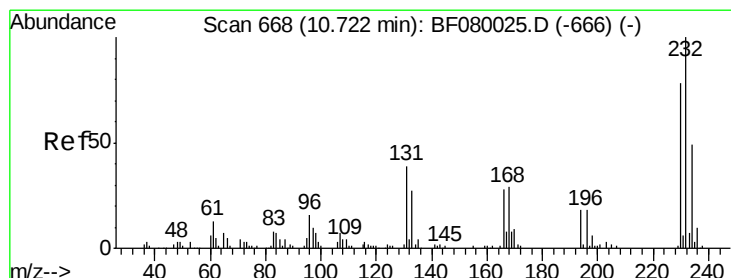
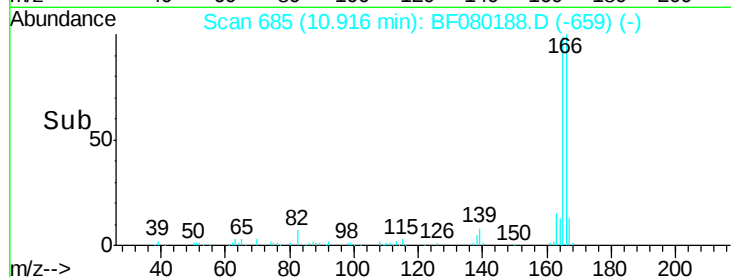
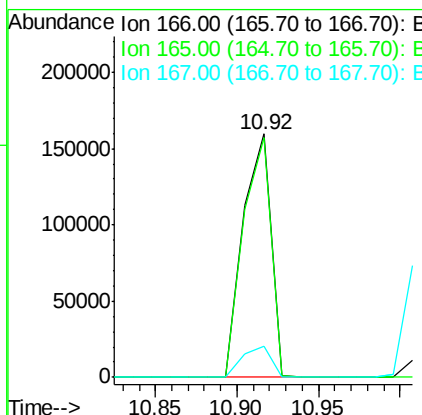
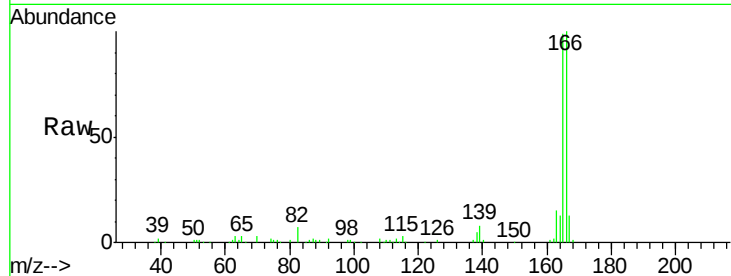
#57
Fluorene
 Concen: 40.54 ng
 RT: 10.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	188508		
165	98.7	72.6	109.0	
167	12.9	10.6	16.0	

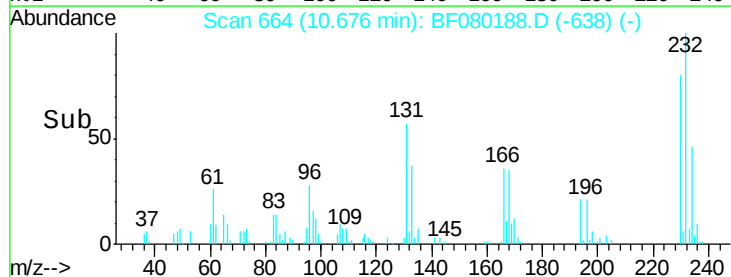
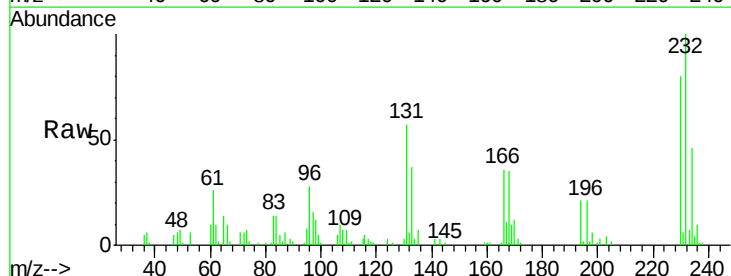
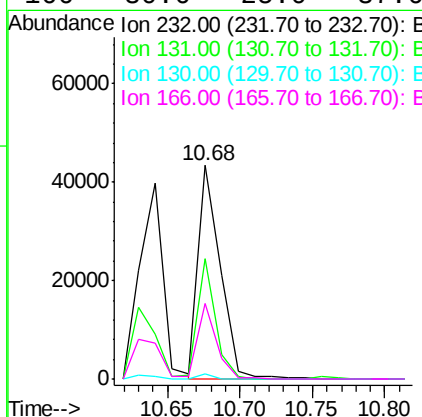
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.36 ng
 RT: 10.68 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46443		
131	45.5	38.5	57.7	
130	1.7	1.8	2.6	
166	30.6	25.0	37.6	





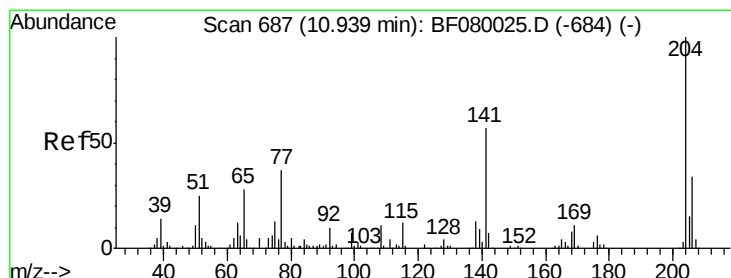
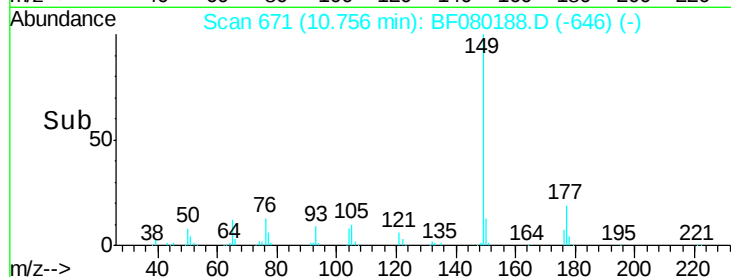
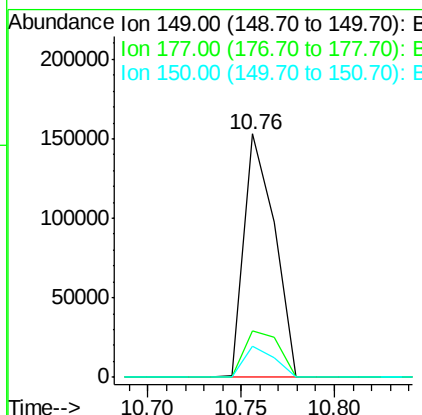
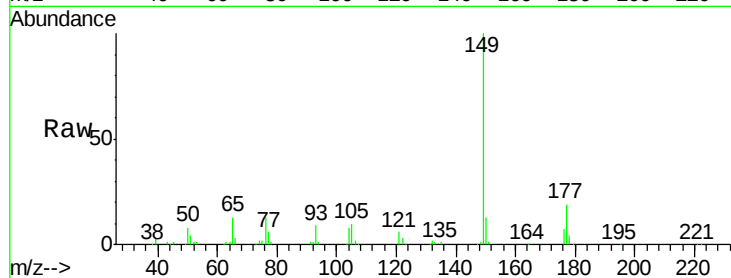
#59
Diethylphthalate
Concen: 37.36 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	173267		
177	19.1	17.5	26.3	
150	12.8	9.4	14.2	

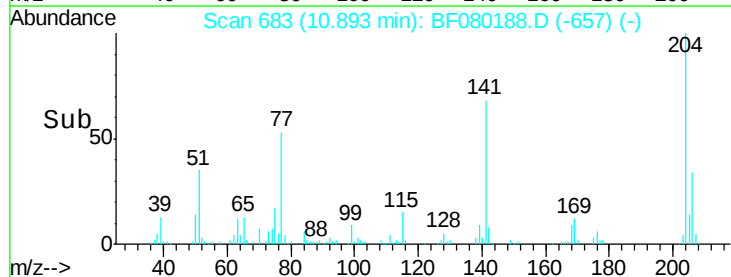
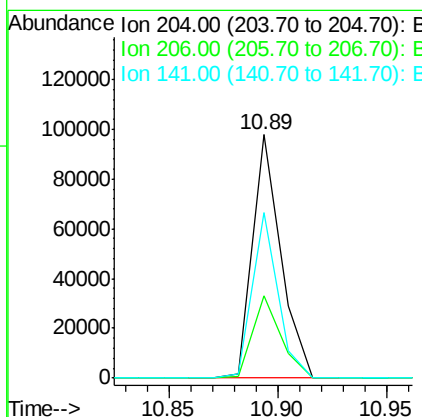
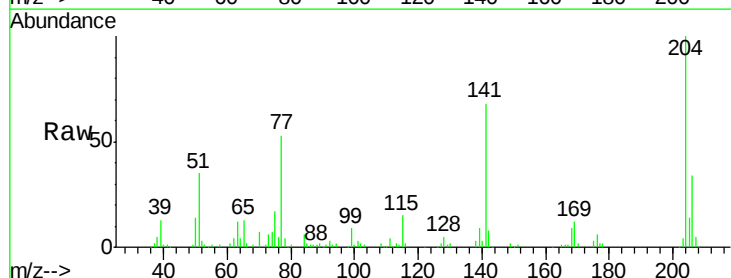
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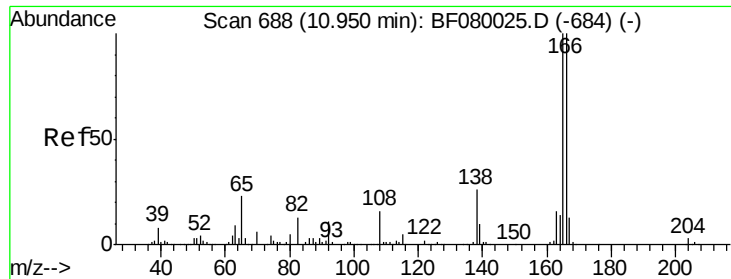
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#60
4-Chlorophenyl-phenylether
Concen: 39.50 ng
RT: 10.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	88252		
206	33.6	24.8	37.2	
141	68.2	42.2	63.4#	





#61

4-Nitroaniline

Concen: 38.51 ng

RT: 10.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080188.D

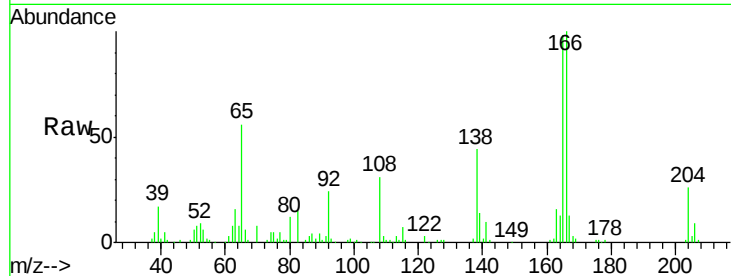
Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

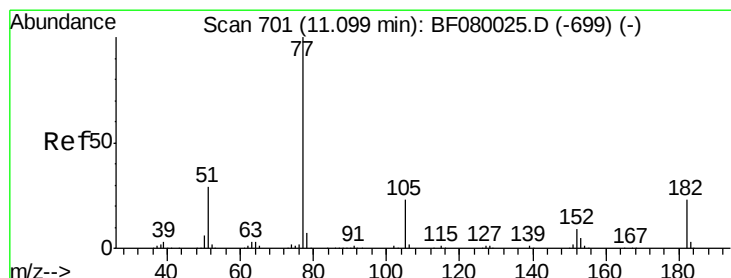
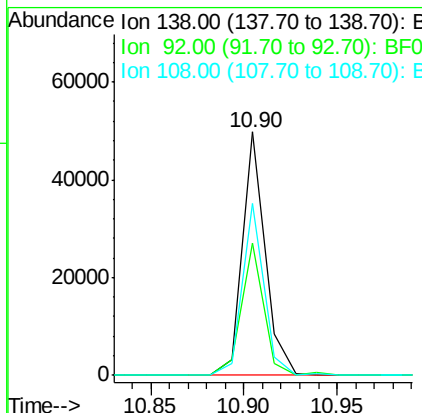
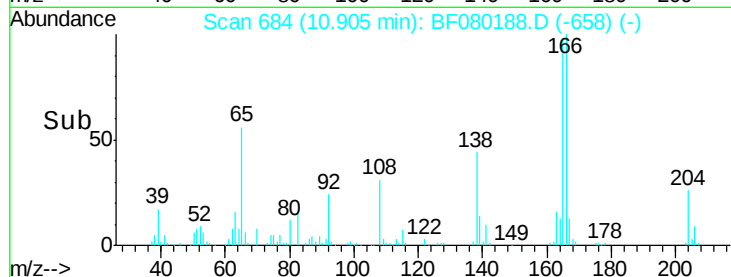
PB84243BS



Tgt Ion:	138	Resp:	42374
Ion Ratio	Lower	Upper	
138	100		
92	54.3	12.6	52.6#
108	70.4	12.4	52.4#

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#62

Azobenzene

Concen: 38.79 ng

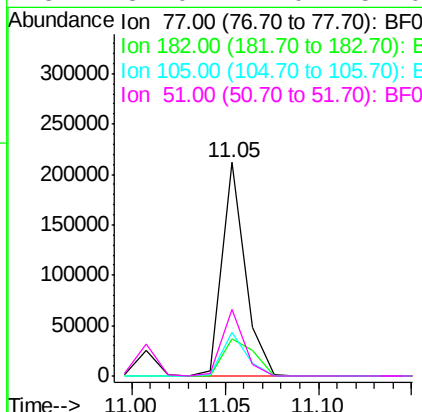
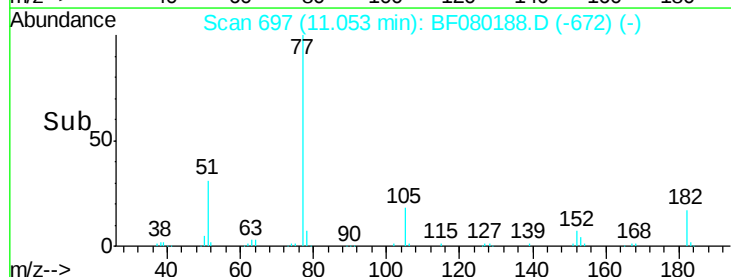
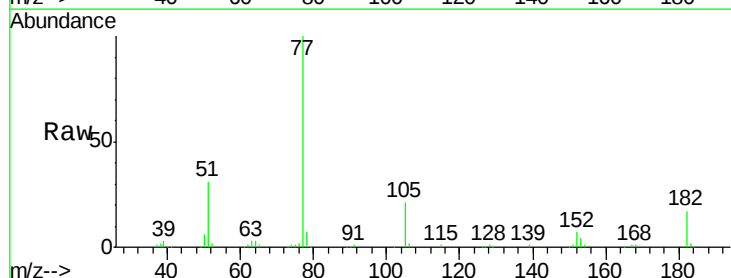
RT: 11.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	77	Resp:	183108
Ion Ratio	Lower	Upper	
77	100		
182	17.2	15.1	55.1
105	20.5	3.4	43.4
51	31.0	12.0	52.0





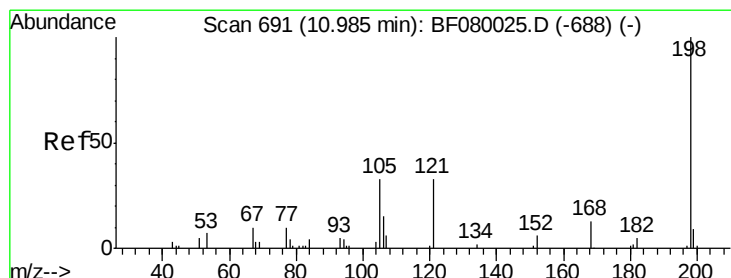
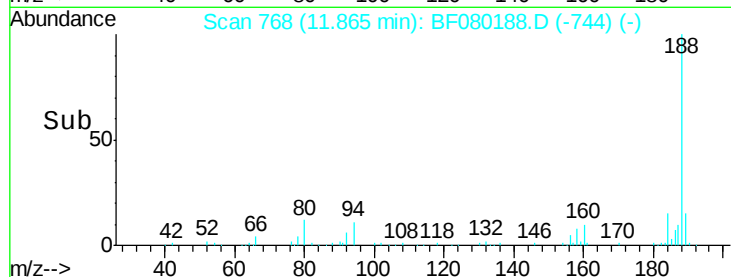
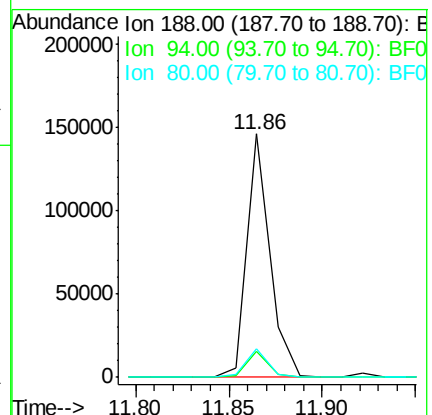
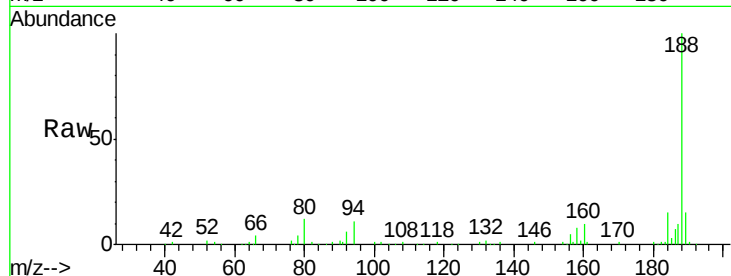
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.7	11.1	16.7#
80	11.5	11.0	16.4

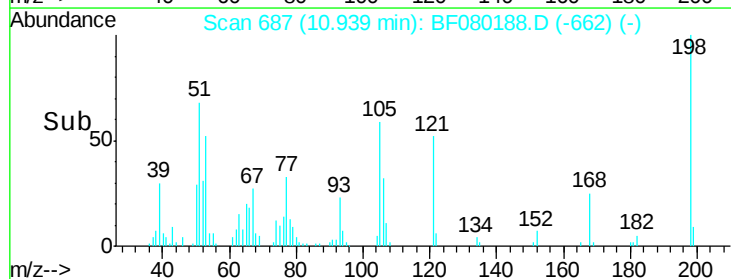
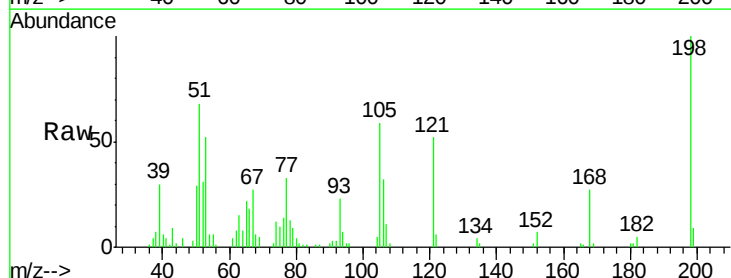
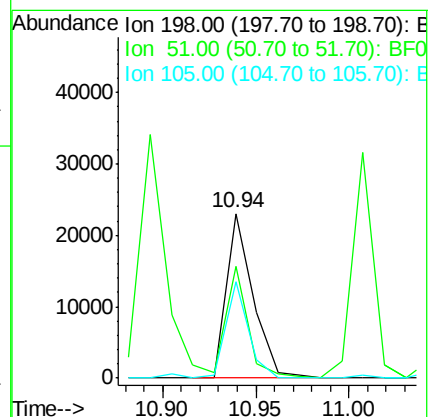
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.22 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

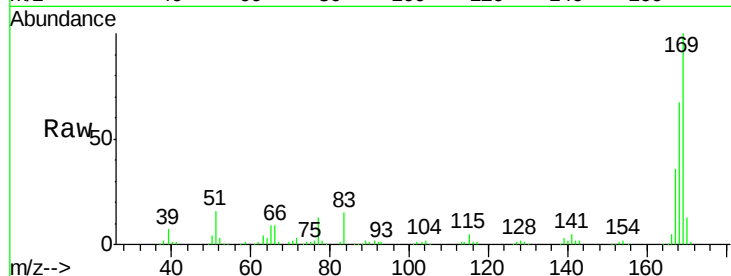
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	68.2	39.6	79.6
105	58.5	28.5	68.5





#65
 n-Nitrosodiphenylamine
 Concen: 40.56 ng
 RT: 11.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

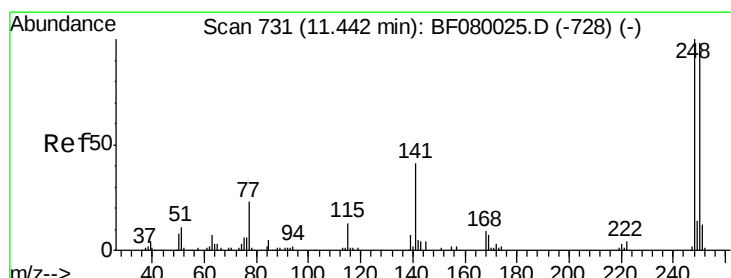
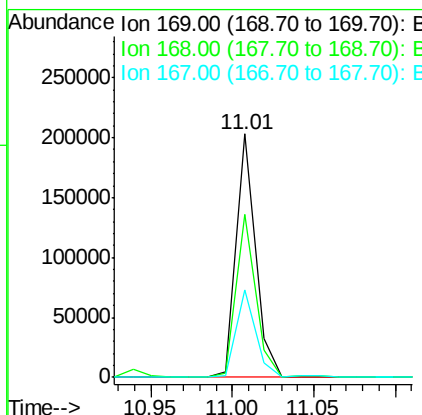
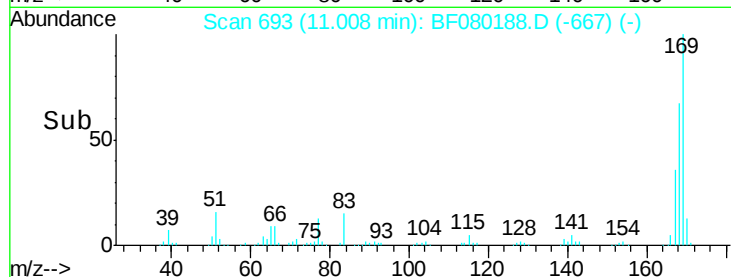
Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS



Tgt Ion	Ratio	Resp	Lower	Upper
169	100	165575		
168	66.7	48.9	73.3	
167	36.1	26.2	39.4	

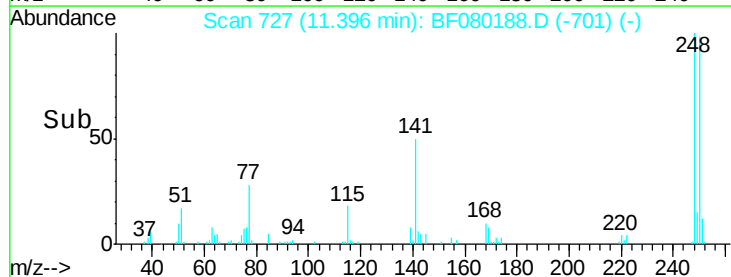
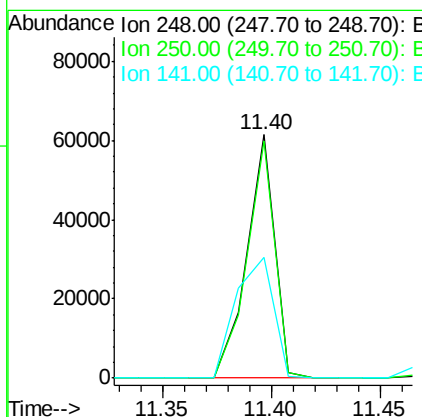
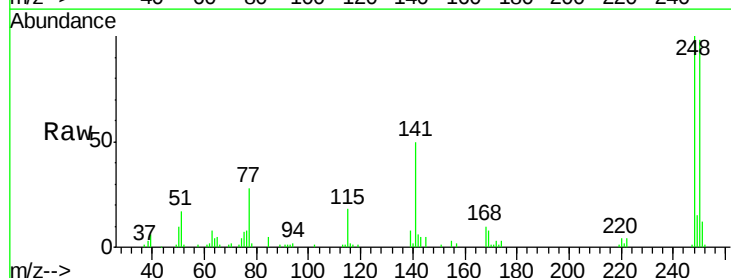
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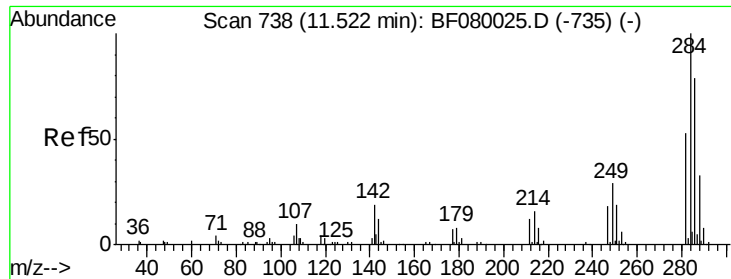
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#66
 4-Bromophenyl-phenylether
 Concen: 40.94 ng
 RT: 11.40 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	54572		
250	97.7	78.5	117.7	
141	49.8	59.0	88.6	





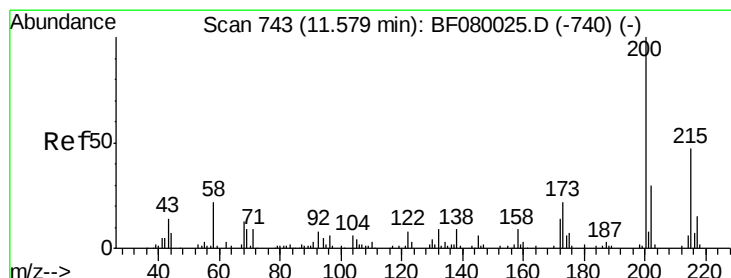
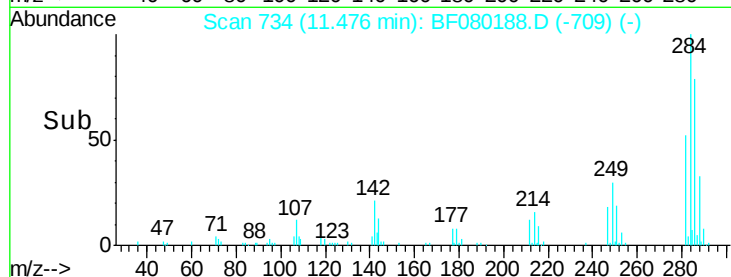
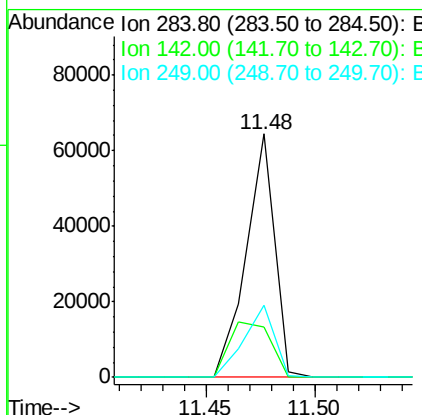
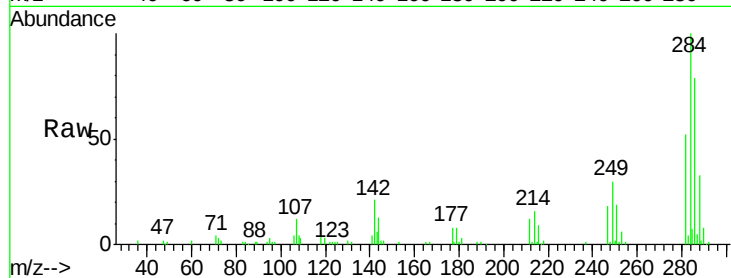
#67
Hexachlorobenzene
Concen: 39.54 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	20.6	29.5	44.3#
249	29.5	19.5	29.3#

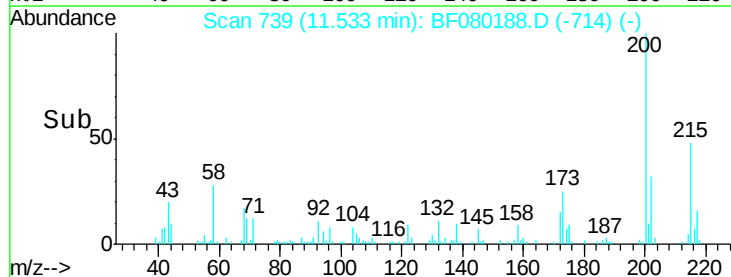
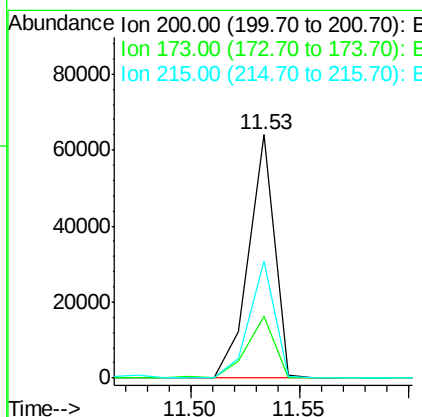
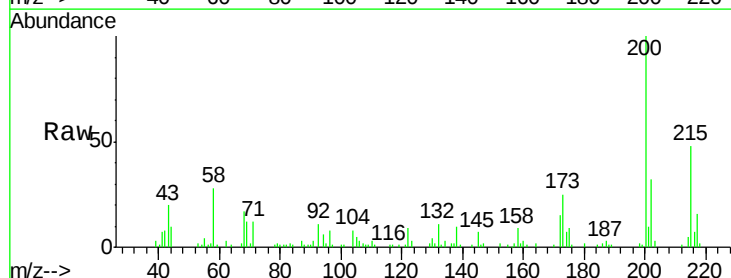
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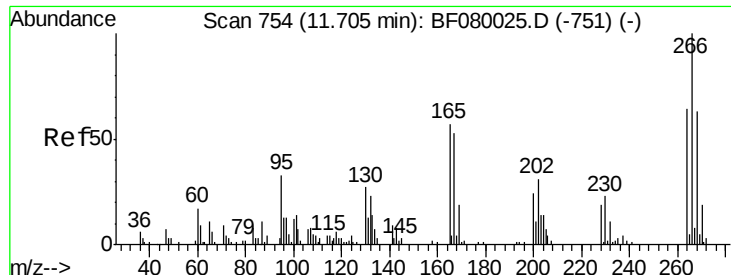
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#68
Atrazine
Concen: 40.86 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

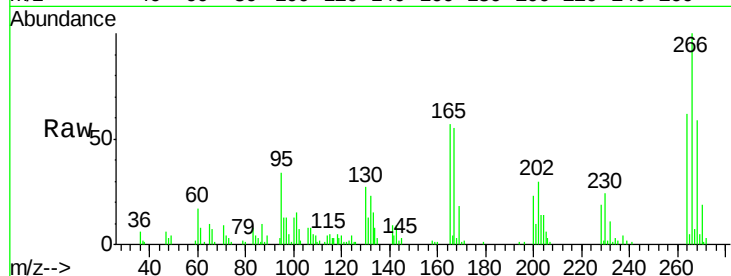
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.3	13.2	53.2
215	48.1	41.8	81.8





#69
 Pentachlorophenol
 Concen: 72.69 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

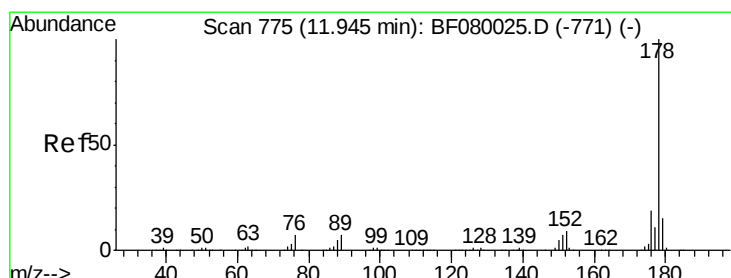
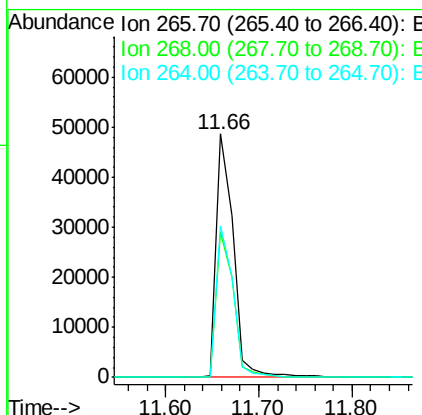
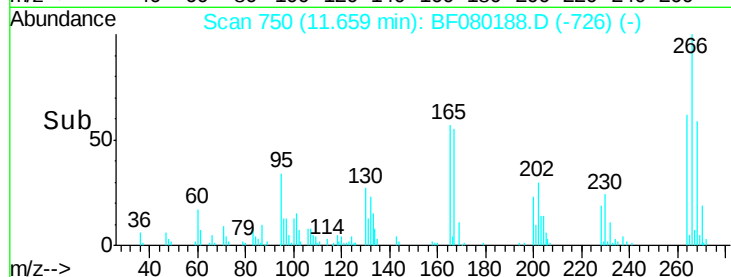
Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	61030		
268	59.4	49.8	74.6	
264	62.1	50.2	75.2	

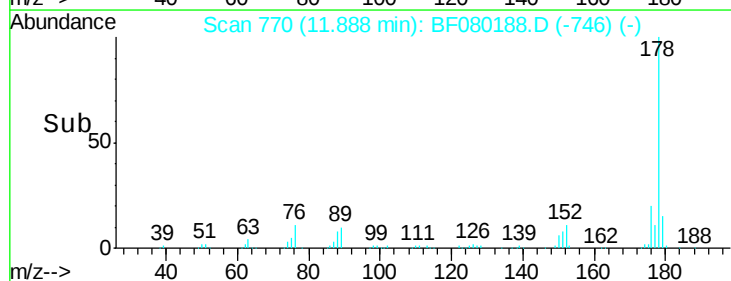
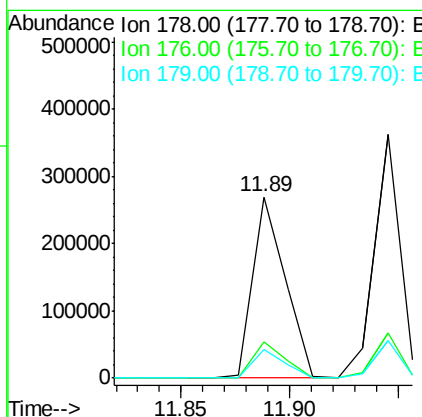
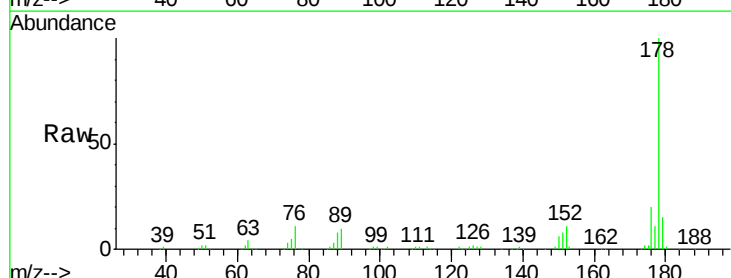
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#70
 Phenanthrene
 Concen: 36.99 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

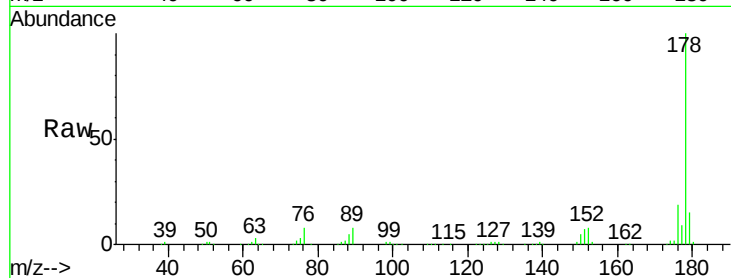
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	280748		
176	19.7	13.8	20.8	
179	15.4	12.2	18.2	





#71
 Anthracene
 Concen: 41.22 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

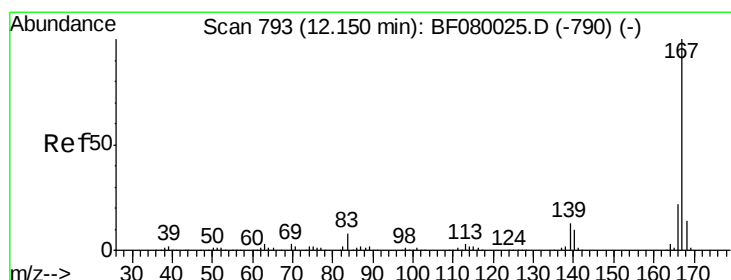
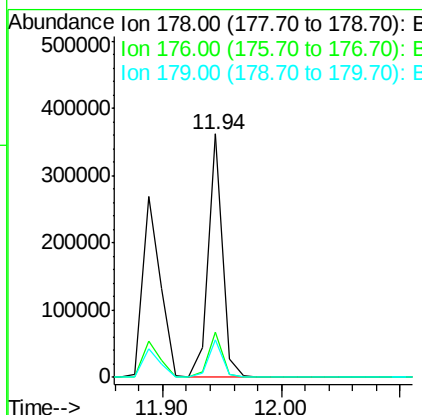
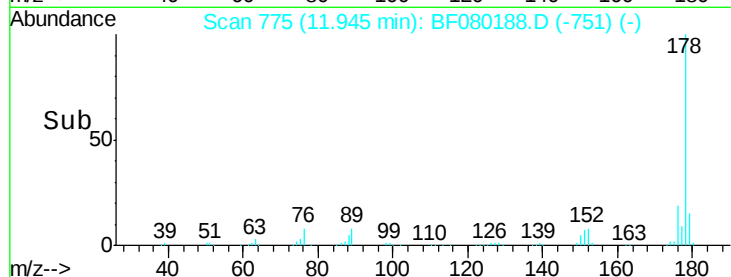
Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	15.3	12.2	18.2

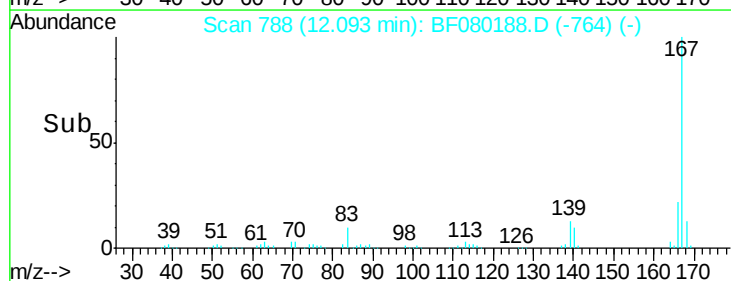
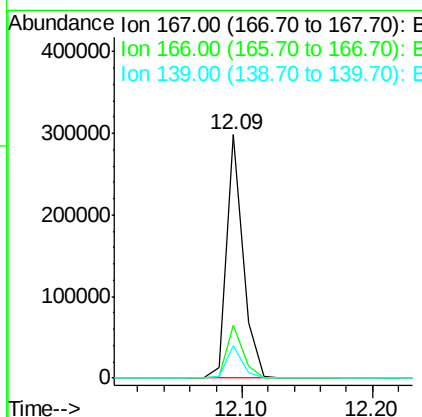
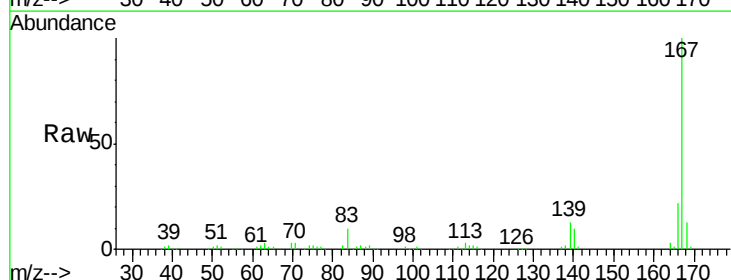
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#72
 Carbazole
 Concen: 37.61 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	13.2	9.5	14.3





#73

Di-n-butylphthalate

Concen: 35.69 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.05 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

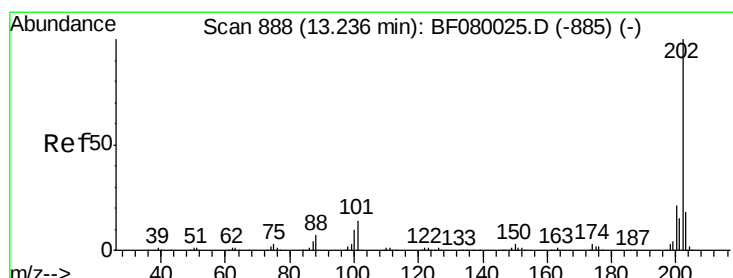
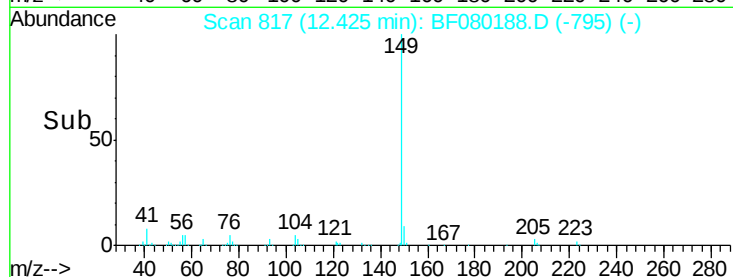
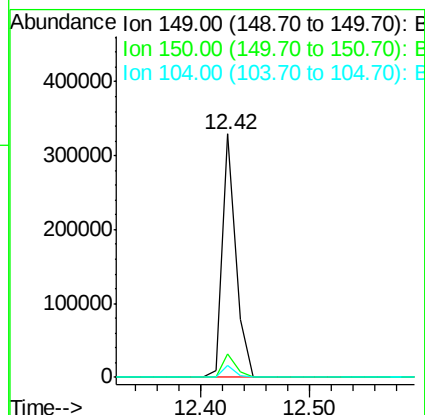
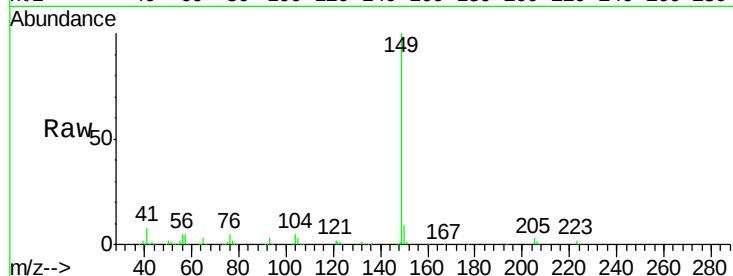
ClientSampleId :

PB84243BS

Tgt Ion:	149	Resp:	287737
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.1	2.4	3.6#

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#74

Fluoranthene

Concen: 39.87 ng

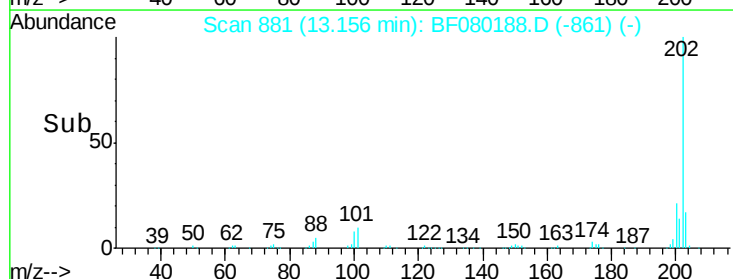
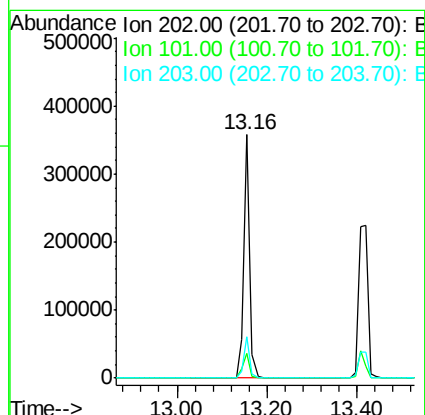
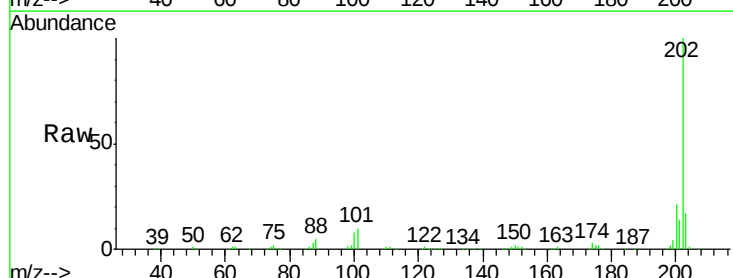
RT: 13.16 min Scan# 881

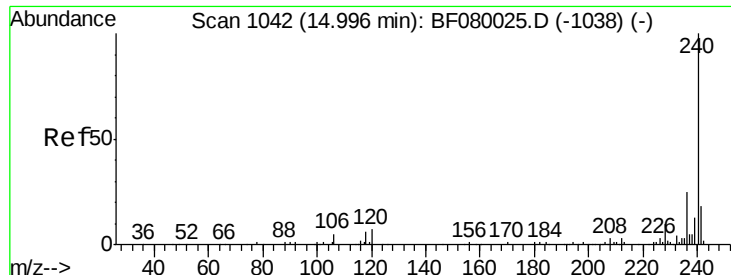
Delta R.T. -0.07 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	202	Resp:	322272
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	38.3
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1028

Delta R.T. -0.19 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

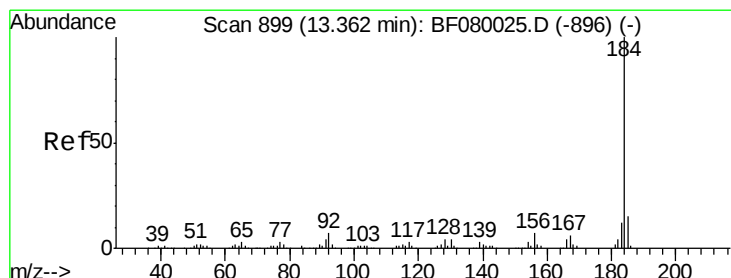
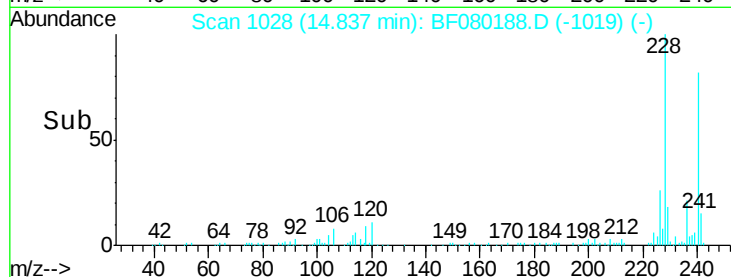
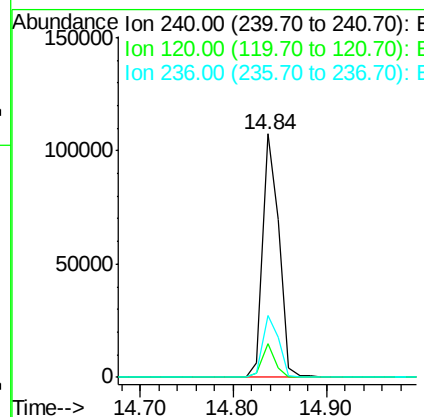
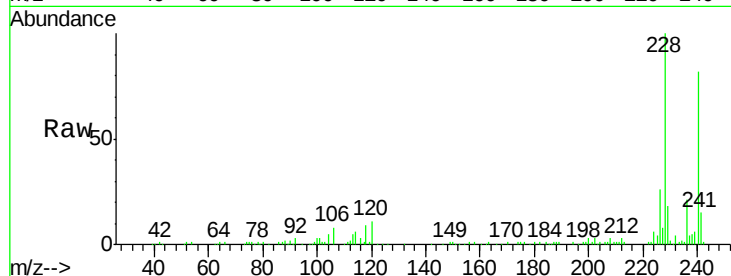
ClientSampleId :

PB84243BS

Tgt Ion:	240	Resp:	131249
Ion Ratio	Lower	Upper	
240	100		
120	13.7	16.2	24.2#
236	25.3	18.4	27.6

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#76

Benzidine

Concen: 40.76 ng

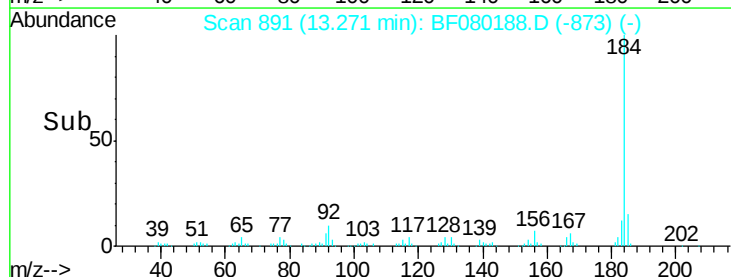
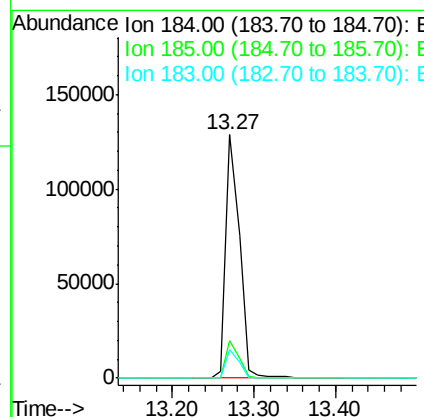
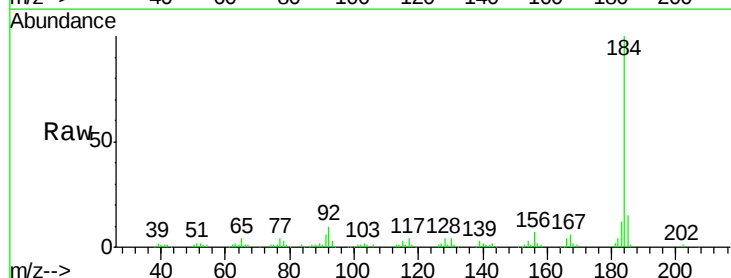
RT: 13.27 min Scan# 891

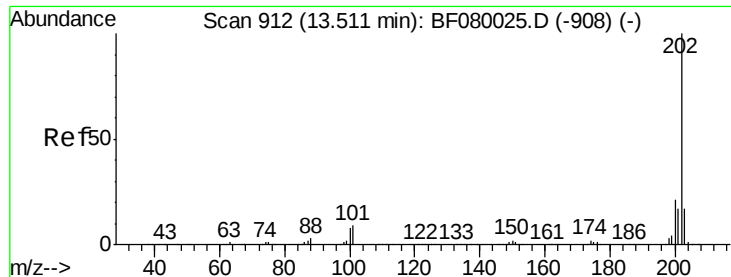
Delta R.T. -0.09 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Tgt Ion:	184	Resp:	149553
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.6
183	11.5	7.6	11.4#





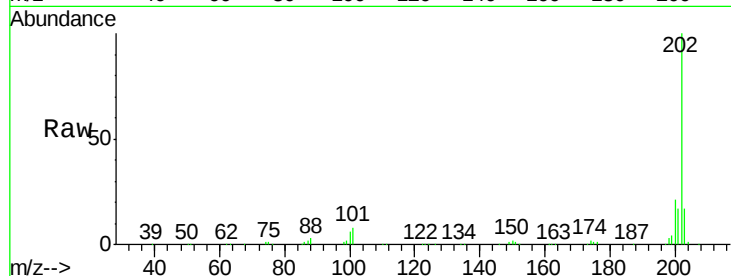
#77
Pyrene
Concen: 39.38 ng
RT: 13.42 min Scan# 904
Delta R.T. -0.08 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

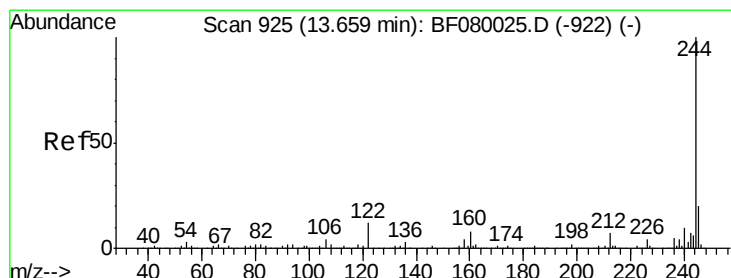
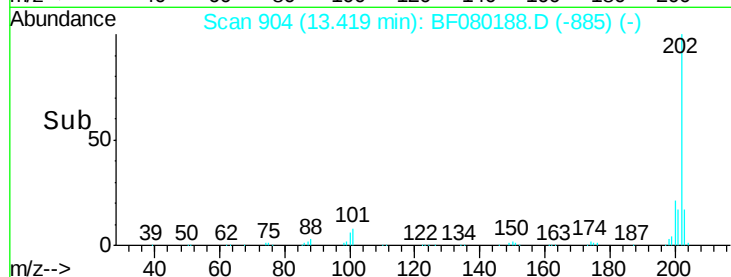
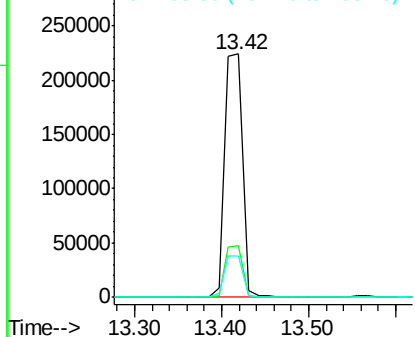
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.1	15.0	22.4
203	17.1	14.1	21.1

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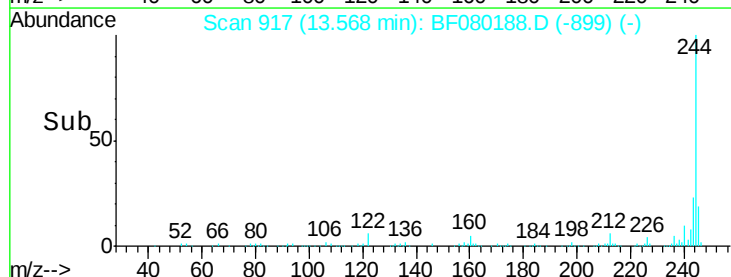
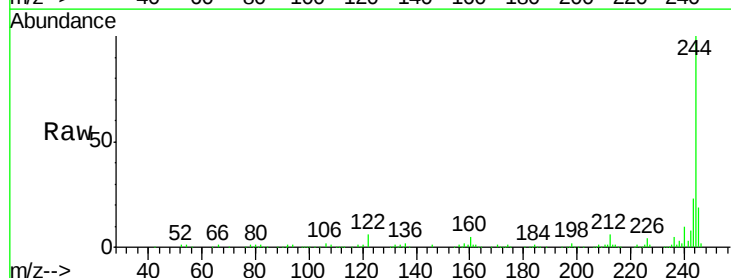
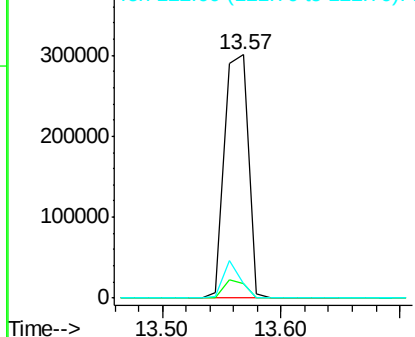
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

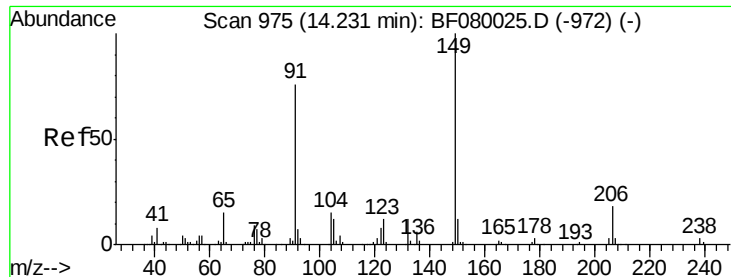


#78
Terphenyl-d14
Concen: 73.88 ng
RT: 13.57 min Scan# 917
Delta R.T. -0.09 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	5.9	4.3	6.5
122	5.9	17.4	26.2

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





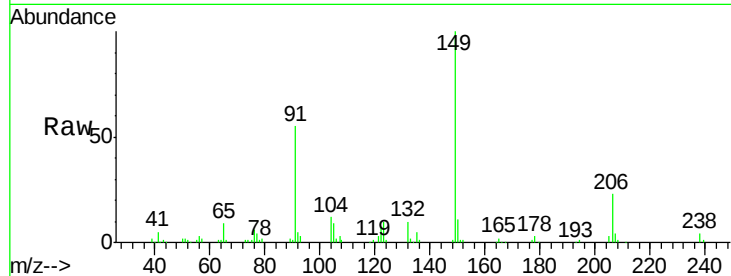
#79
Butylbenzylphthalate
Concen: 39.05 ng
RT: 14.12 min Scan# 965
Delta R.T. -0.14 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

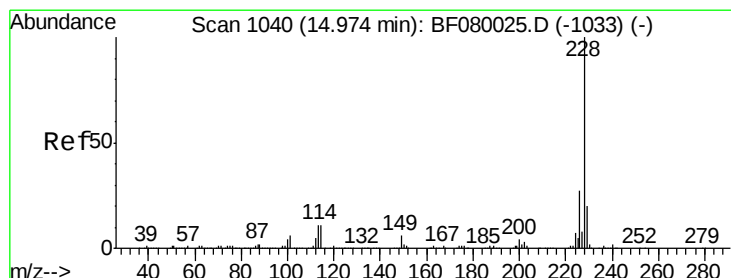
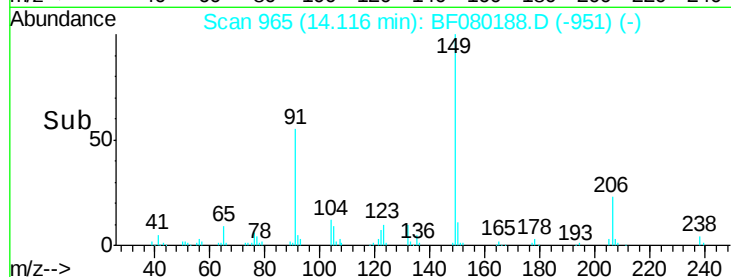
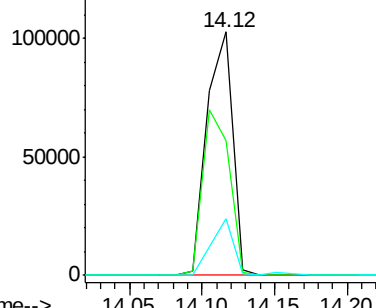
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	55.2	48.6	72.8
206	23.2	14.9	22.3

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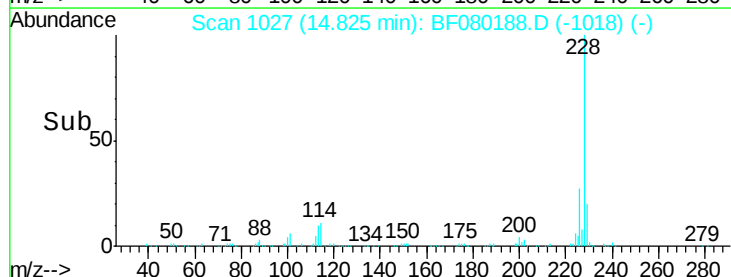
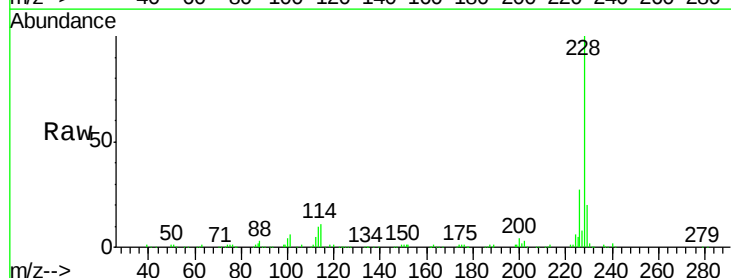
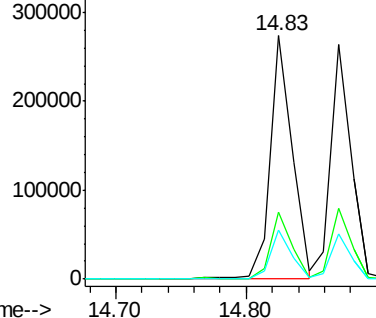
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

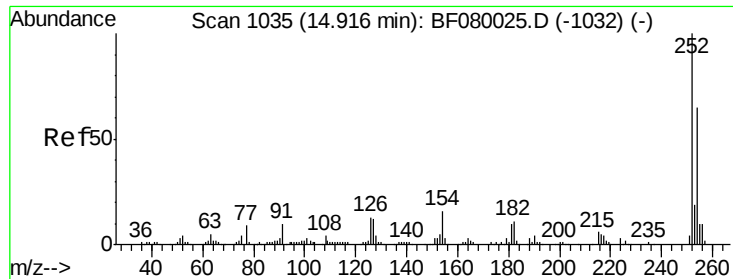


#80
Benzo(a)anthracene
Concen: 40.30 ng
RT: 14.83 min Scan# 1027
Delta R.T. -0.19 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	20.0	30.0
229	19.9	15.4	23.2

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





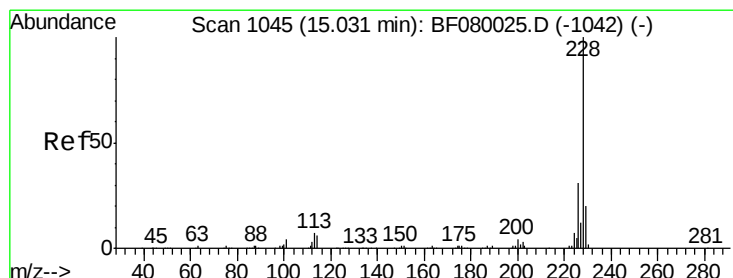
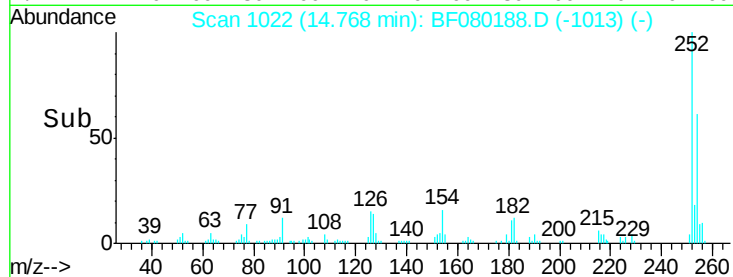
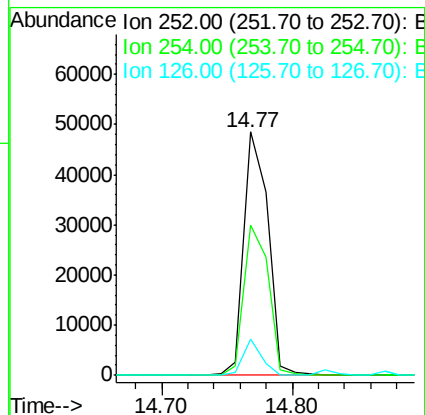
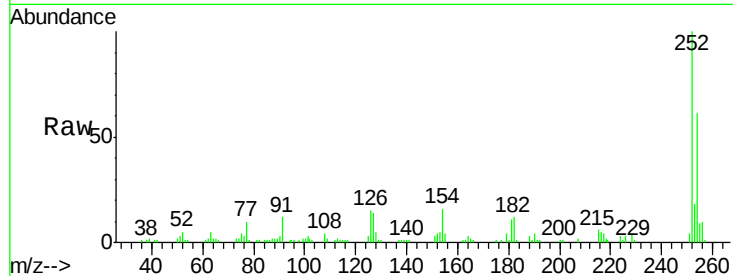
#81
 3,3'-Dichlorobenzidine
 Concen: 22.60 ng
 RT: 14.77 min Scan# 1022
 Delta R.T. -0.19 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		62338		
254	61.4	51.4	77.2		
126	14.7	16.4	24.6#		

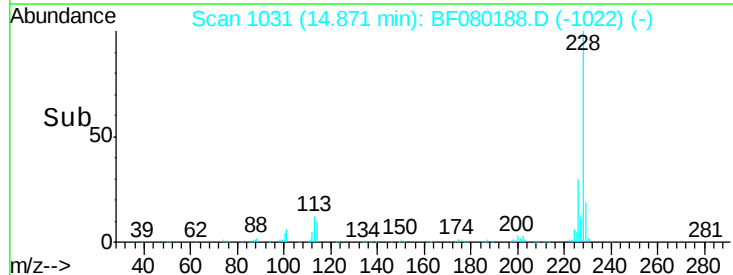
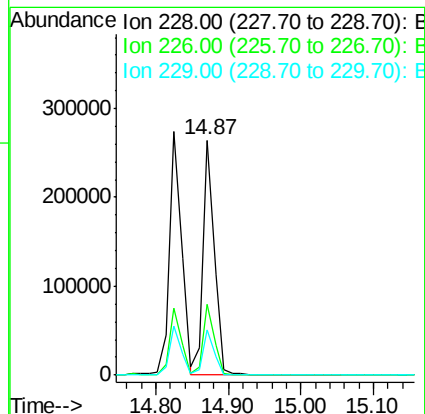
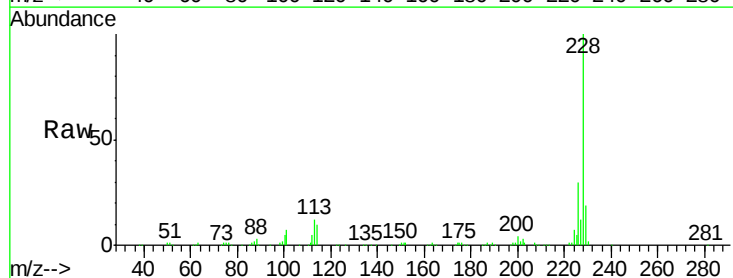
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#82
 Chrysene
 Concen: 39.34 ng
 RT: 14.87 min Scan# 1031
 Delta R.T. -0.19 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		290093		
226	29.9	21.0	31.4		
229	19.5	15.6	23.4		





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.56 ng

RT: 14.80 min Scan# 1025

Delta R.T. -0.21 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

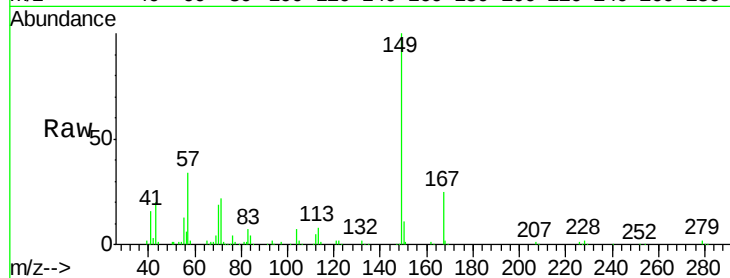
ClientSampleId :

PB84243BS

Tgt Ion:	149	Resp:	182371
Ion Ratio	Lower	Upper	
149	100		
167	24.8	24.2	36.2
279	2.3	3.8	5.6#

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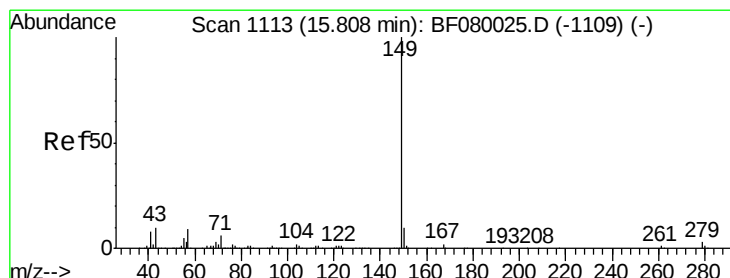
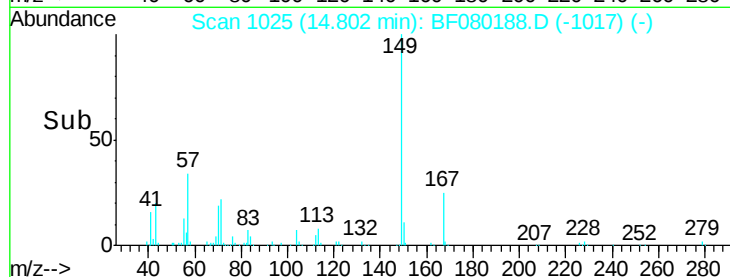
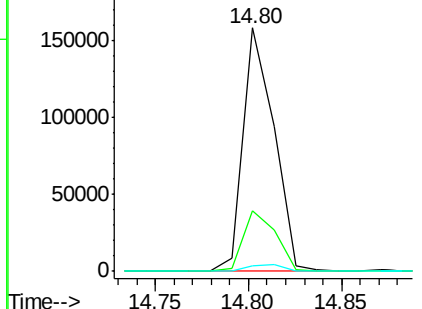
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.54 ng

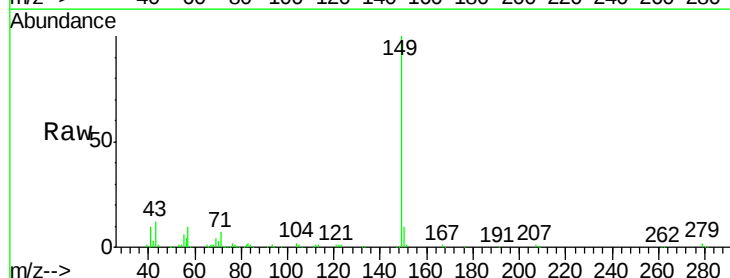
RT: 15.61 min Scan# 1096

Delta R.T. -0.27 min

Lab File: BF080188.D

Acq: 26 Jun 2015 14:37

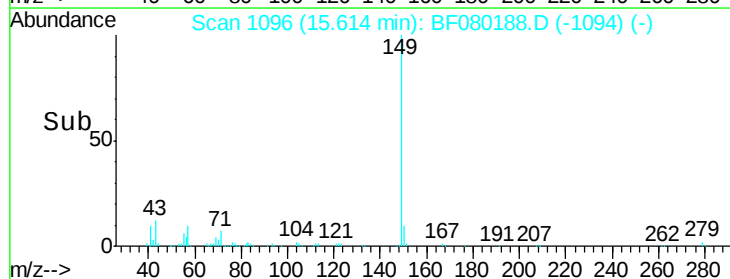
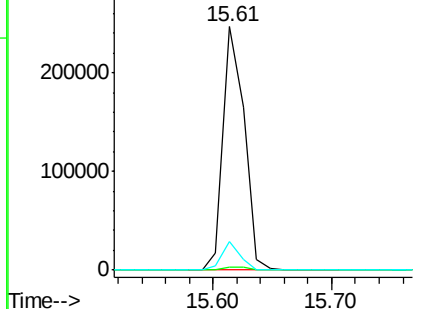
Tgt Ion:	149	Resp:	303557
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	10.9	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





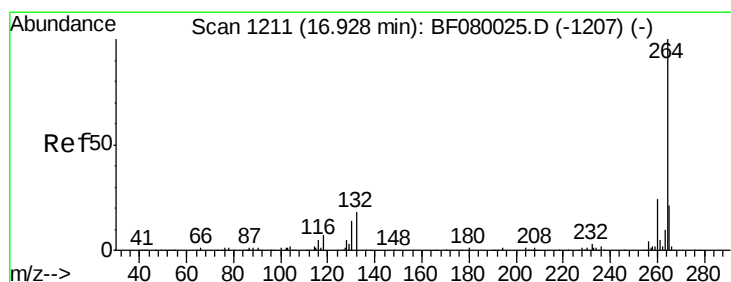
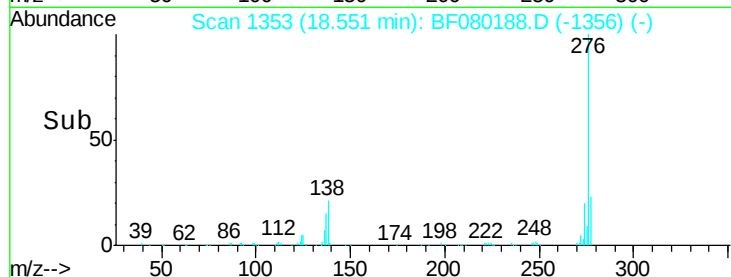
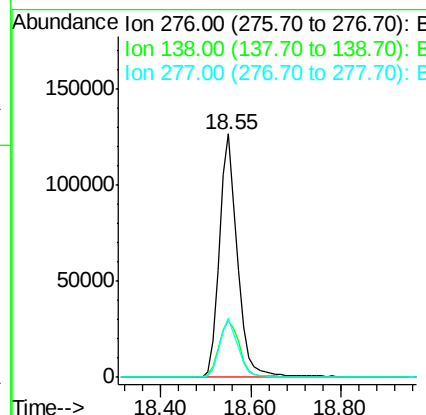
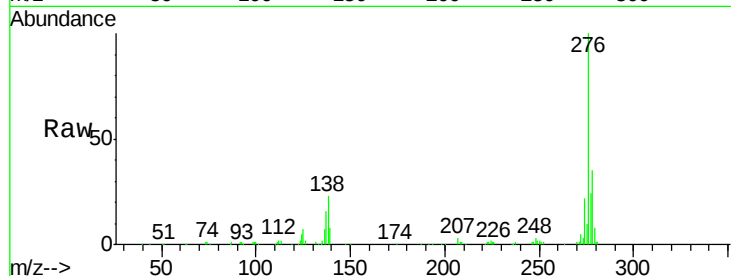
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.20 ng
 RT: 18.55 min Scan# 1353
 Delta R.T. -0.33 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	25.7	38.5
277	24.5	15.6	23.4

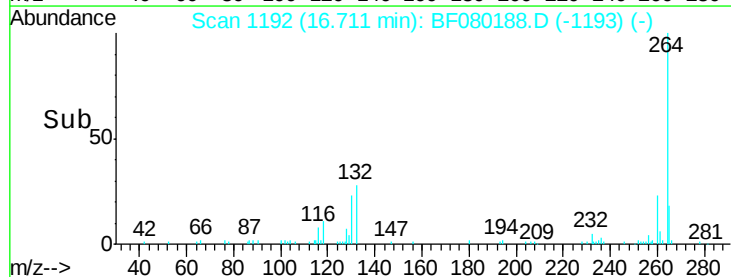
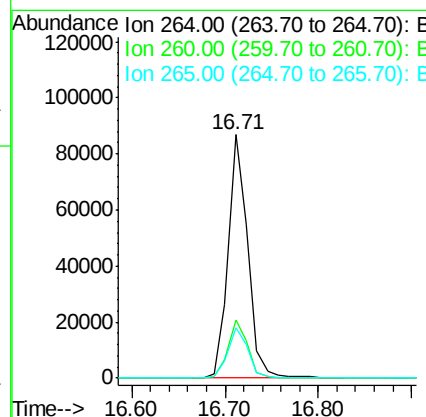
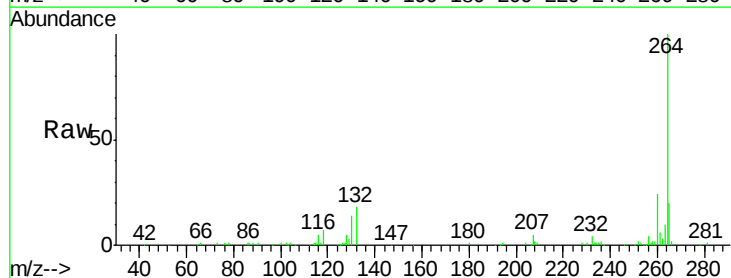
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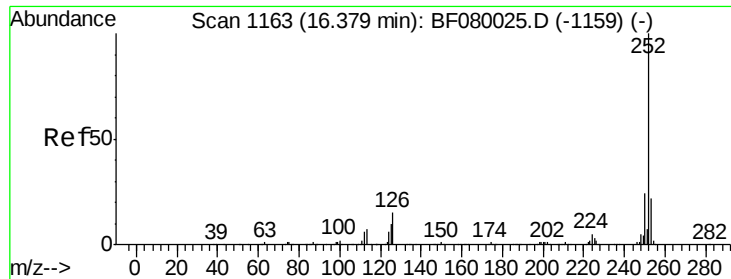
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.71 min Scan# 1192
 Delta R.T. -0.31 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	20.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.77 ng

RT: 16.19 min Scan# 1146

Delta R.T. -0.30 min

Lab File: BF080188.D

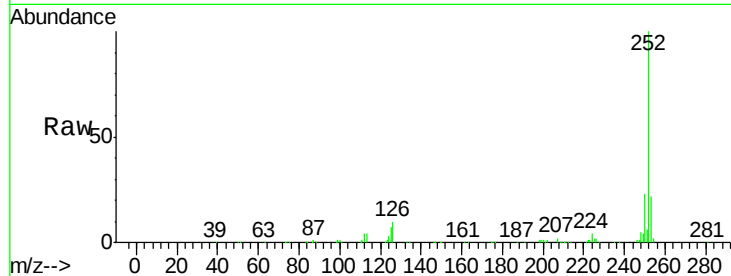
Acq: 26 Jun 2015 14:37

Instrument :

BNA_F

ClientSampleId :

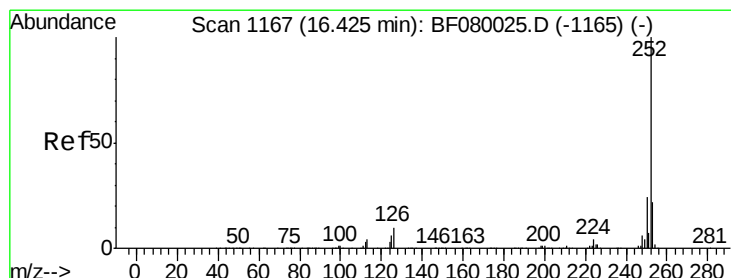
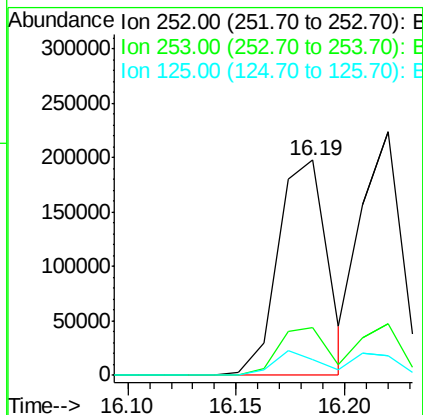
PB84243BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.3	17.1	25.7#

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#88

Benzo(k)fluoranthene

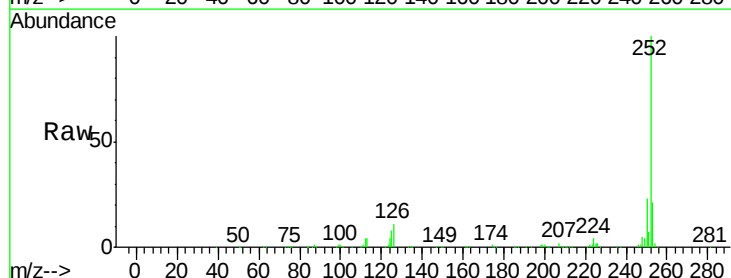
Concen: 38.82 ng

RT: 16.22 min Scan# 1149

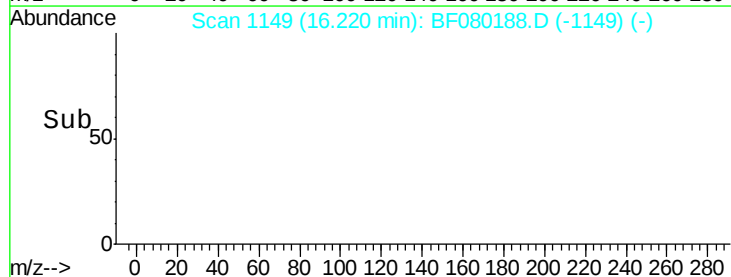
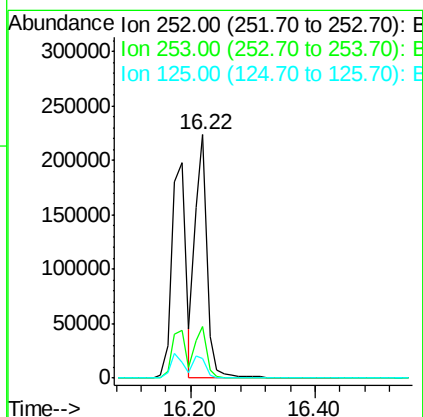
Delta R.T. -0.30 min

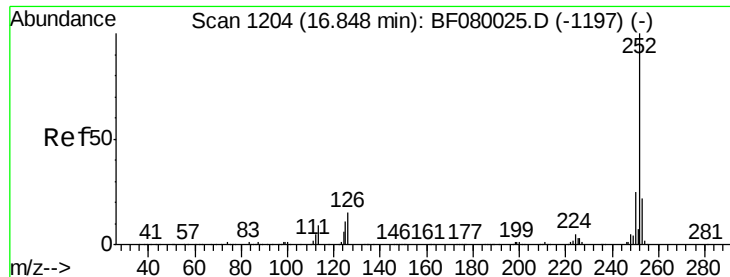
Lab File: BF080188.D

Acq: 26 Jun 2015 14:37



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.4
125	7.9	16.0	24.0#





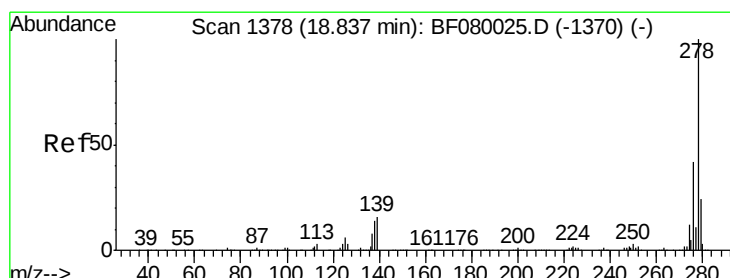
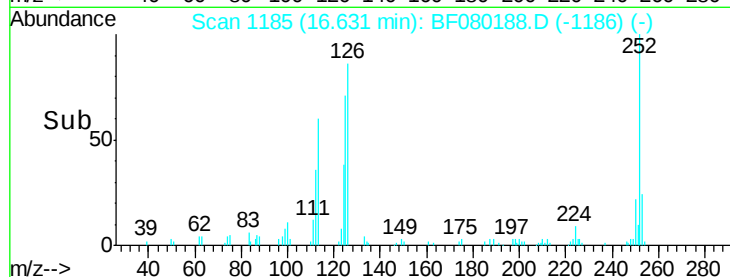
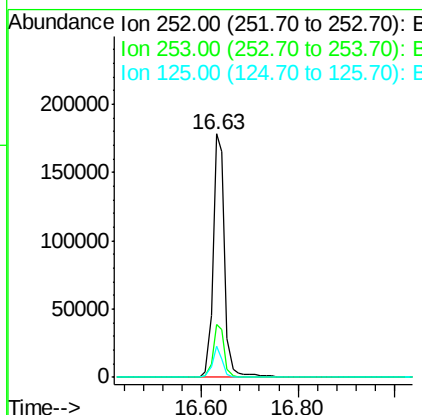
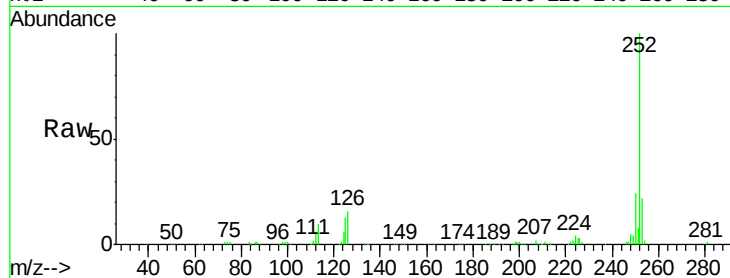
#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 16.63 min Scan# 1185
Delta R.T. -0.31 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Instrument :
BNA_F
ClientSampleId :
PB84243BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	12.7	18.0	27.0

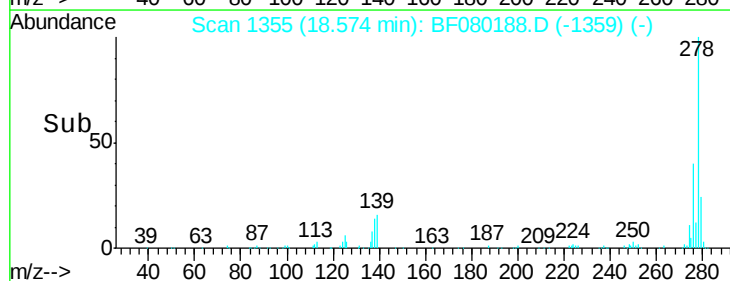
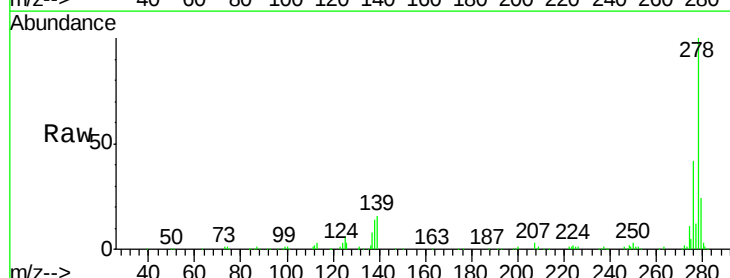
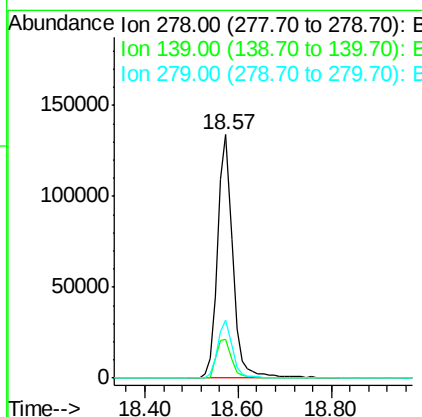
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#90
Dibenzo(a,h)anthracene
Concen: 40.26 ng
RT: 18.57 min Scan# 1355
Delta R.T. -0.34 min
Lab File: BF080188.D
Acq: 26 Jun 2015 14:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	26.3	39.5
279	23.8	18.2	27.4





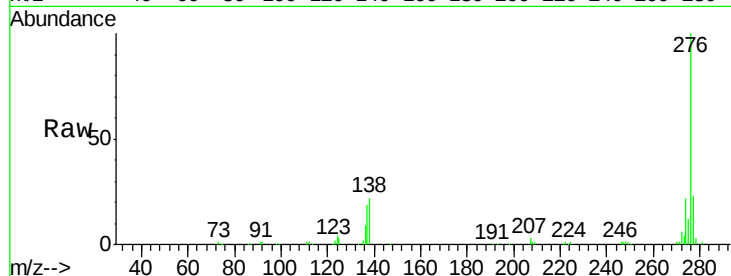
#91
 Benzo(g,h,i)perylene
 Concen: 40.17 ng
 RT: 19.10 min Scan# 1401
 Delta R.T. -0.34 min
 Lab File: BF080188.D
 Acq: 26 Jun 2015 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB84243BS

Tgt Ion:	276	Resp:	302606
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.8	26.6
138	22.0	34.6	51.8#

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

