

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080163.D
 Acq On : 25 Jun 2015 13:51
 Operator : TP/IZ
 Sample : PB84184BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:04 PM

Quant Time: Jun 26 01:37:35 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 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	32081	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	126447	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	64916	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	138800	20.00	ng	0.00
75) Chrysene-d12	14.85	240	143305	20.00	ng	0.02
86) Perylene-d12	16.73	264	141285	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	269347	148.62	ng	0.01
7) Phenol-d6	6.90	99	366522	151.98	ng	0.00
23) Nitrobenzene-d5	7.85	82	220239	101.40	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	93635	147.51	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	390190	85.72	ng	-0.01
78) Terphenyl-d14	13.57	244	537186	87.55	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	30793	35.75	ng	87
3) Pyridine	3.98	79	99179	43.29	ng	# 82
4) n-Nitrosodimethylamine	3.89	42	43886	40.31	ng	96
6) Aniline	6.95	93	98021	29.54	ng	95
8) 2-Chlorophenol	7.08	128	97951	46.76	ng	84
9) Benzaldehyde	6.84	77	51974	37.33	ng	# 69
10) Phenol	6.92	94	132193	50.23	ng	84
11) bis(2-Chloroethyl)ether	7.02	93	90524	43.35	ng	86
12) 1,3-Dichlorobenzene	7.24	146	107049m	42.54	ng	
13) 1,4-Dichlorobenzene	7.32	146	117082m	48.93	ng	
14) 1,2-Dichlorobenzene	7.48	146	101822	43.73	ng	97
15) Benzyl Alcohol	7.42	79	86051	43.64	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.57	45	154689	49.91	ng	86
17) 2-Methylphenol	7.53	107	77692	43.42	ng	# 89
18) Hexachloroethane	7.82	117	37885	47.55	ng	# 85
19) n-Nitroso-di-n-propylamine	7.69	70	73543	43.92	ng	# 76
20) 3+4-Methylphenols	7.68	107	108737	47.09	ng	91
22) Acetophenone	7.69	105	132925	45.11	ng	# 81
24) Nitrobenzene	7.88	77	104049	46.41	ng	# 77
25) Isophorone	8.10	82	180127	41.21	ng	# 82
26) 2-Nitrophenol	8.20	139	52043	55.46	ng	# 75
27) 2,4-Dimethylphenol	8.22	122	96836	49.49	ng	# 83
28) bis(2-Chloroethoxy)methane	8.31	93	110865	43.17	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	89941	53.67	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	94356	49.58	ng	98
31) Naphthalene	8.61	128	276157m	41.77	ng	
32) Benzoic acid	8.28	122	39382	33.29	ng	# 67
33) 4-Chloroaniline	8.64	127	52215m	18.45	ng	
34) Hexachlorobutadiene	8.73	225	52748	45.02	ng	97
35) Caprolactam	8.98	113	25883	47.59	ng	96
36) 4-Chloro-3-methylphenol	9.12	107	82504	43.65	ng	96
37) 2-Methylnaphthalene	9.30	142	206396	48.26	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	93894	49.70	ng	98
40) Hexachlorocyclopentadiene	9.46	237	93172	94.61	ng	96

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Manual Integrations
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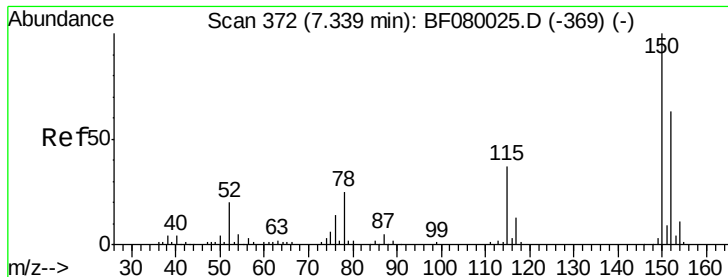
apatel
 6/26/2015 2:05:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.58	196	66767	51.94	ng	100
43) 2,4,5-Trichlorophenol	9.61	196	63252	42.71	ng	# 90
45) 1,1'-Biphenyl	9.77	154	226094	42.81	ng	95
46) 2-Chloronaphthalene	9.80	162	186949	43.62	ng	93
47) 2-Nitroaniline	9.88	65	52851	44.93	ng	# 59
48) Acenaphthylene	10.22	152	323274	45.20	ng	97
49) Dimethylphthalate	10.06	163	212922	43.63	ng	# 97
50) 2,6-Dinitrotoluene	10.12	165	45004	46.00	ng	# 46
51) Acenaphthene	10.39	154	204462	46.73	ng	91
52) 3-Nitroaniline	10.29	138	31236	27.67	ng	# 51
53) 2,4-Dinitrophenol	10.40	184	48573	118.91	ng	# 35
54) Dibenzofuran	10.56	168	269591	43.42	ng	# 88
55) 4-Nitrophenol	10.44	139	85307	94.54	ng	# 47
56) 2,4-Dinitrotoluene	10.53	165	68212	54.94	ng	# 84
57) Fluorene	10.92	166	219945	44.64	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53753	43.00	ng	98
59) Diethylphthalate	10.76	149	206219	41.96	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	105256	44.46	ng	# 88
61) 4-Nitroaniline	10.90	138	50521	43.33	ng	# 48
62) Azobenzene	11.05	77	212709	42.52	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	30431	44.70	ng	85
65) n-Nitrosodiphenylamine	11.01	169	187928	41.58	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	64013	43.37	ng	# 86
67) Hexachlorobenzene	11.48	284	70543	43.01	ng	# 80
68) Atrazine	11.53	200	65696	46.01	ng	81
69) Pentachlorophenol	11.66	266	74798	80.47	ng	99
70) Phenanthrene	11.89	178	338480	40.28	ng	97
71) Anthracene	11.94	178	356670	44.08	ng	97
72) Carbazole	12.09	167	315604	40.85	ng	96
73) Di-n-butylphthalate	12.42	149	374011	41.91	ng	# 99
74) Fluoranthene	13.16	202	371484	41.51	ng	91
76) Benzidine	13.27	184	215486	53.79	ng	98
77) Pyrene	13.42	202	388055	43.98	ng	97
79) Butylbenzylphthalate	14.12	149	165731	46.77	ng	93
80) Benzo(a)anthracene	14.84	228	373359	42.77	ng	97
81) 3,3'-Dichlorobenzidine	14.78	252	71350	23.70	ng	# 94
82) Chrysene	14.88	228	347644	43.18	ng	94
83) Bis(2-ethylhexyl)phthalate	14.81	149	235449	42.05	ng	# 91
84) Di-n-octyl phthalate	15.64	149	409551	42.68	ng	95
85) Indeno(1,2,3-cd)pyrene	18.57	276	411377	40.52	ng	# 89
87) Benzo(b)fluoranthene	16.20	252	377611	44.14	ng	# 88
88) Benzo(k)fluoranthene	16.24	252	353866	40.62	ng	# 86
89) Benzo(a)pyrene	16.65	252	362189	44.58	ng	# 88
90) Dibenzo(a,h)anthracene	18.60	278	342657	41.21	ng	# 82
91) Benzo(g,h,i)perylene	19.13	276	345515	41.15	ng	# 76

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



#1

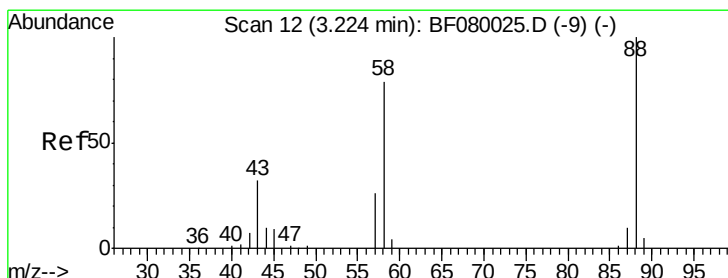
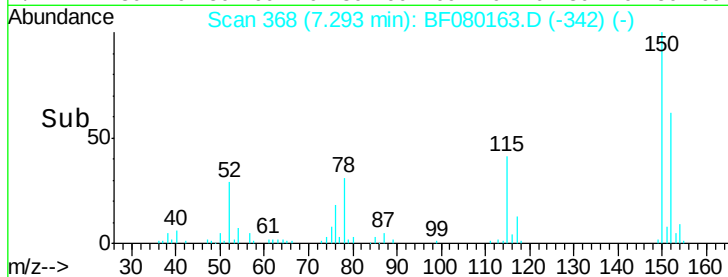
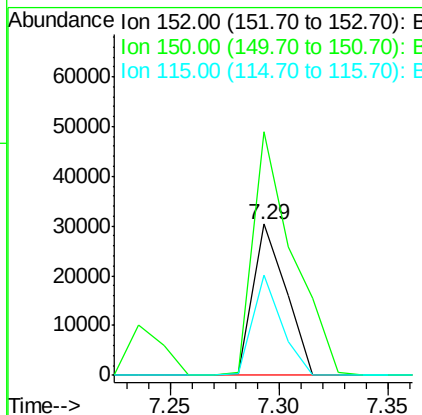
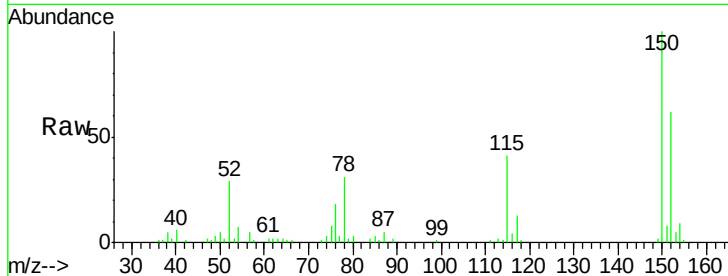
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	66.8	39.0	58.4

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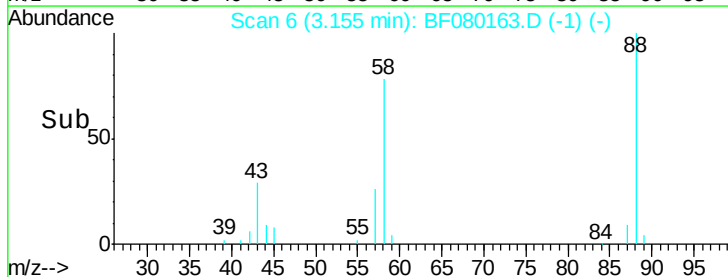
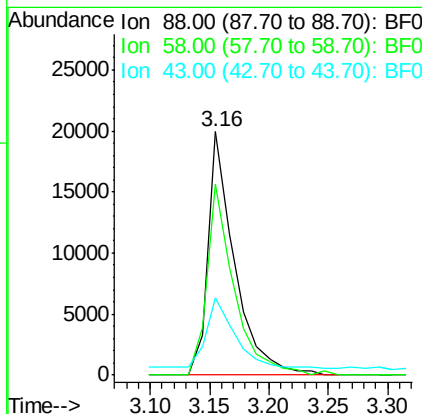
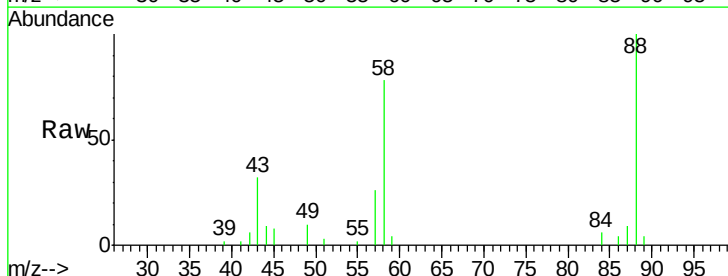
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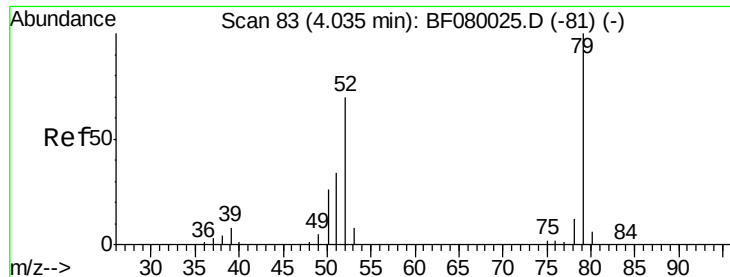


#2

1,4-Dioxane
Concen: 35.75 ng
RT: 3.16 min Scan# 6
Delta R.T. 0.02 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	77.7	116.5
43	31.8	26.6	40.0





#3

Pyridine

Concen: 43.29 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

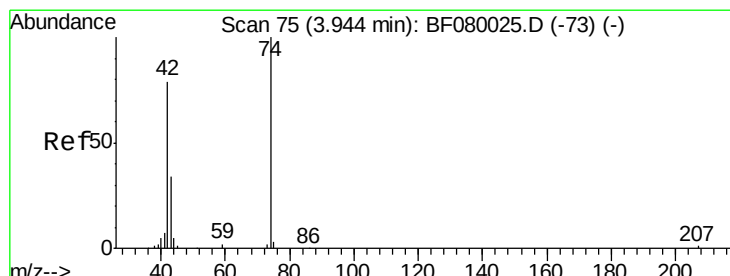
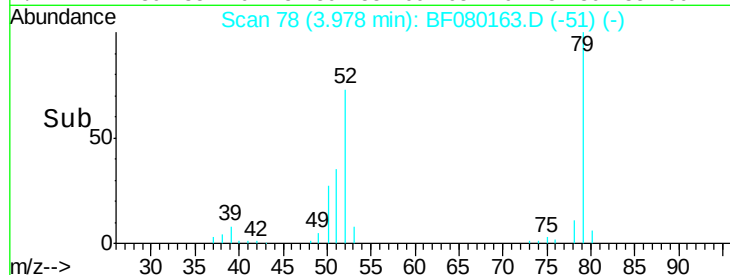
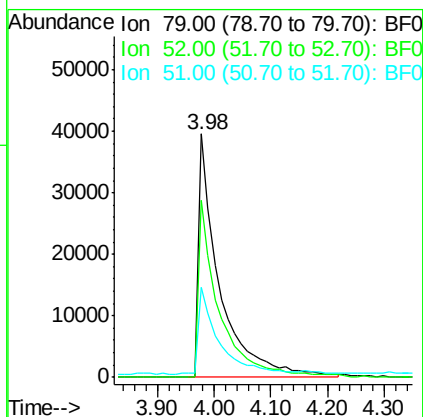
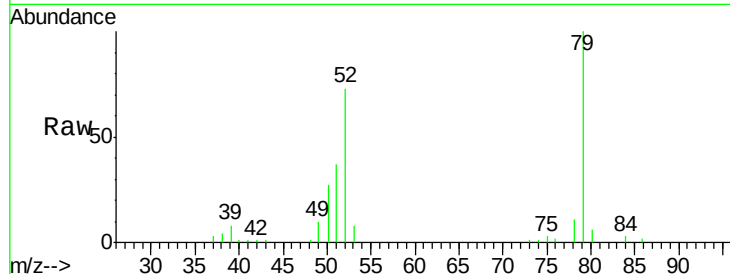
ClientSampleId :

PB84184BS

Tgt Ion:	79	Resp:	99179
Ion	Ratio	Lower	Upper
79	100		
52	72.7	76.8	115.2#
51	37.0	32.2	48.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.31 ng

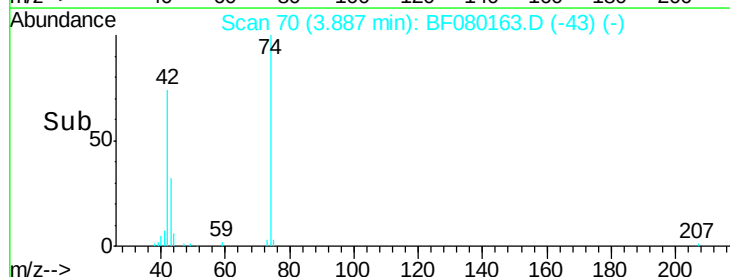
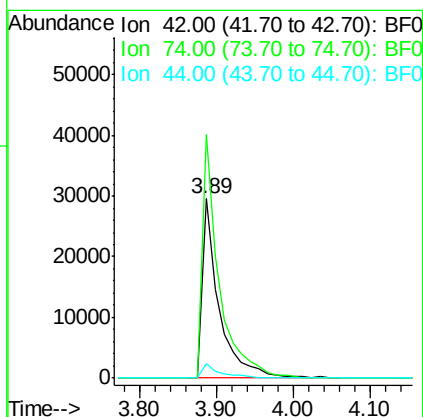
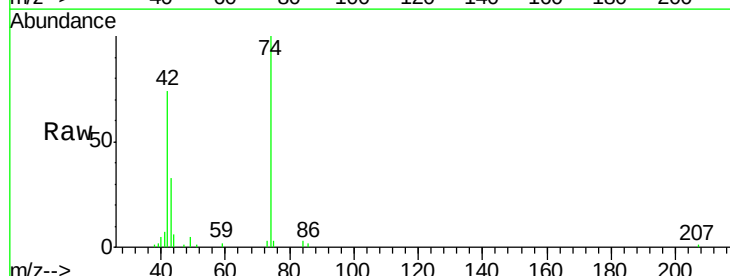
RT: 3.89 min Scan# 70

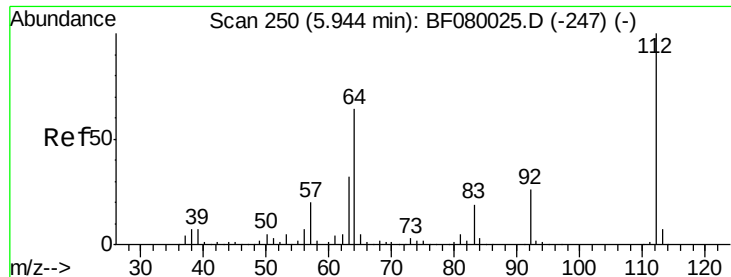
Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	42	Resp:	43886
Ion	Ratio	Lower	Upper
42	100		
74	135.9	105.0	157.6
44	7.8	6.6	10.0





#5

2-Fluorophenol

Concen: 148.62 ng

RT: 5.91 min Scan# 247

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

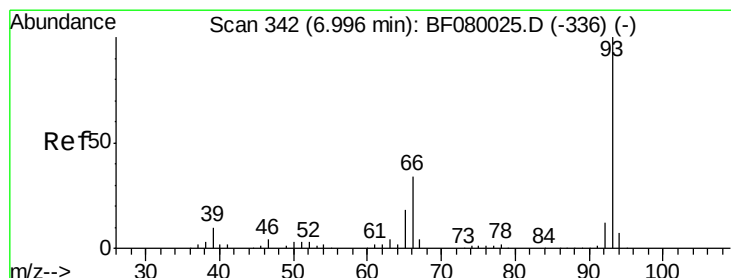
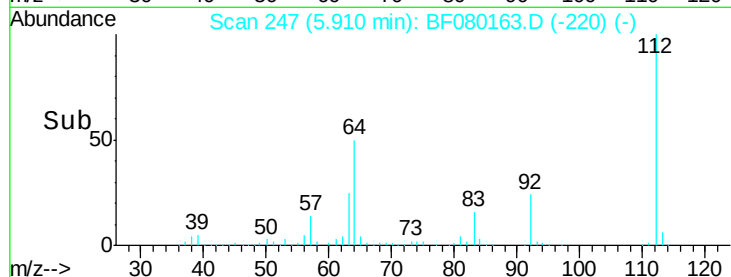
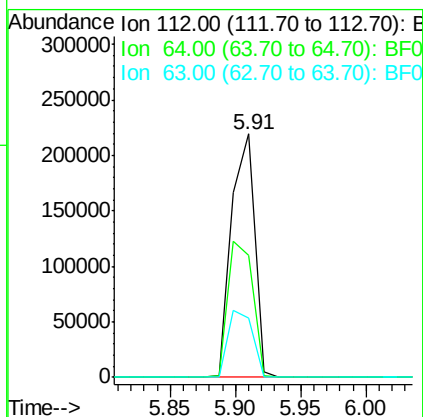
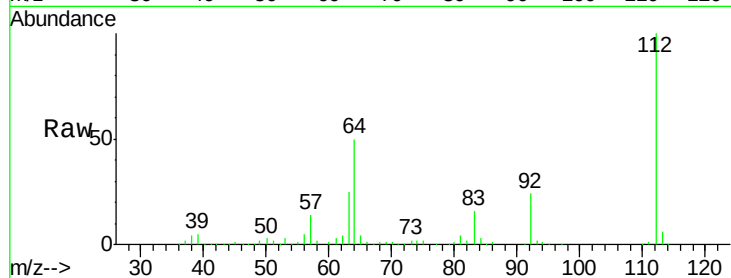
ClientSampled :

PB84184BS

Tgt Ion:	112	Resp:	269347
Ion Ratio	Lower	Upper	
112	100		
64	49.9	39.7	59.5
63	24.6	17.4	26.0

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#6

Aniline

Concen: 29.54 ng

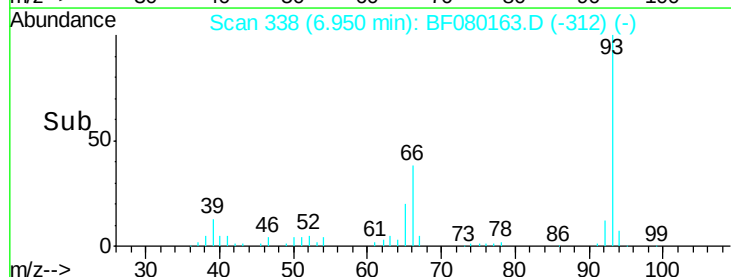
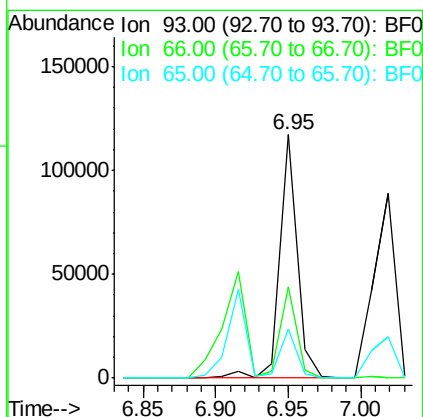
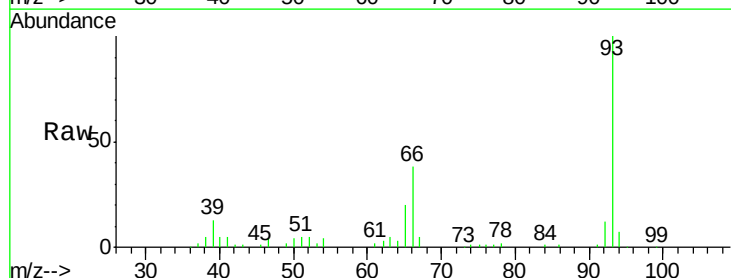
RT: 6.95 min Scan# 338

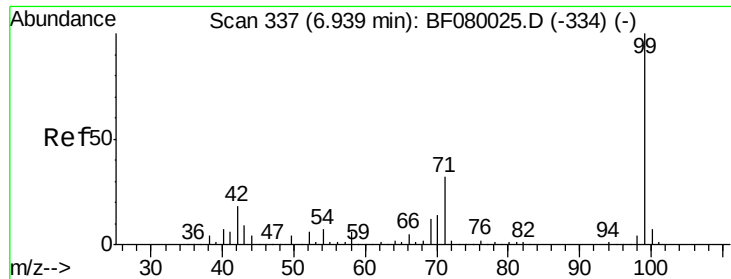
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	93	Resp:	98021
Ion Ratio	Lower	Upper	
93	100		
66	37.6	27.2	40.8
65	19.9	14.7	22.1





#7

Phenol-d6

Concen: 151.98 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

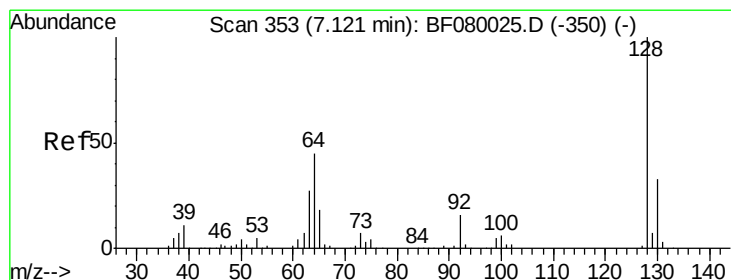
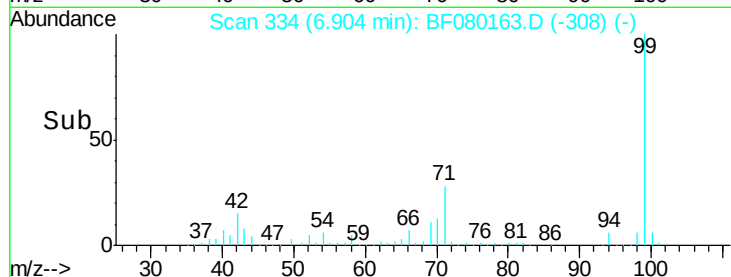
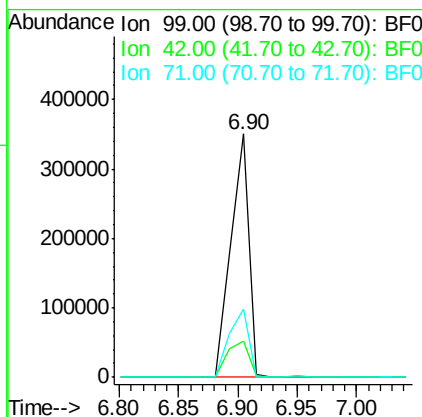
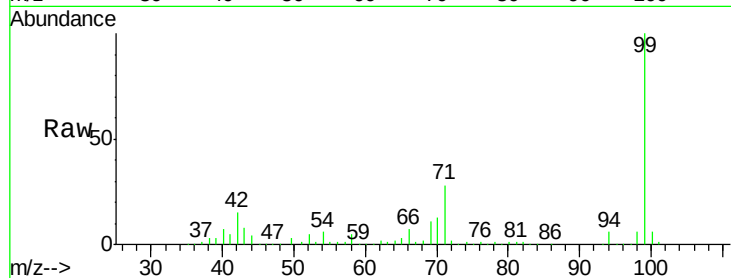
ClientSampleId :

PB84184BS

Tgt Ion:	99	Resp:	366522
Ion Ratio	Lower	Upper	
99	100		
42	14.9	13.7	20.5
71	28.3	14.2	21.2#

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#8

2-Chlorophenol

Concen: 46.76 ng

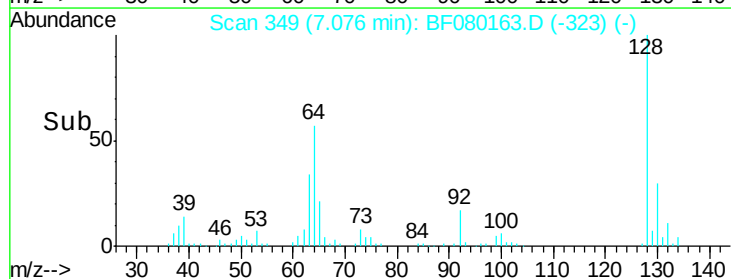
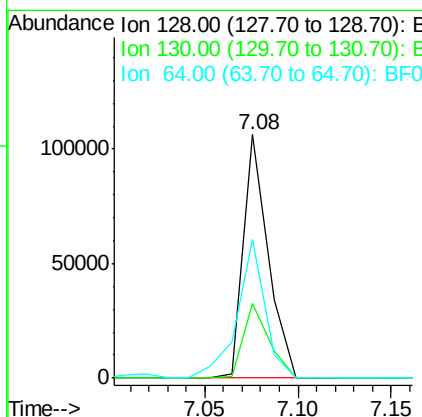
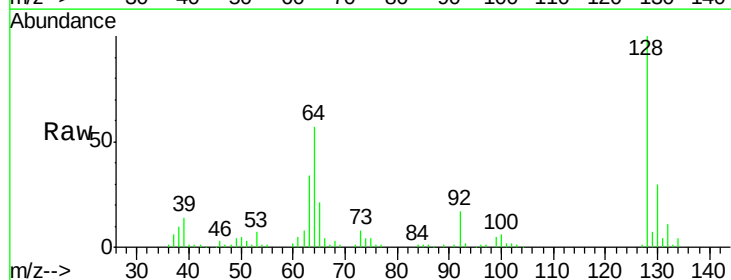
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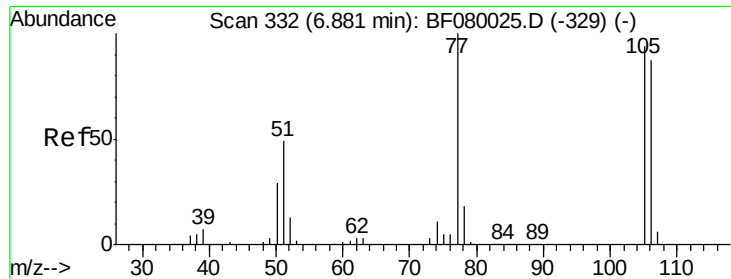
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	128	Resp:	97951
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.2	52.2
64	57.0	20.5	60.5





#9

Benzaldehyde

Concen: 37.33 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

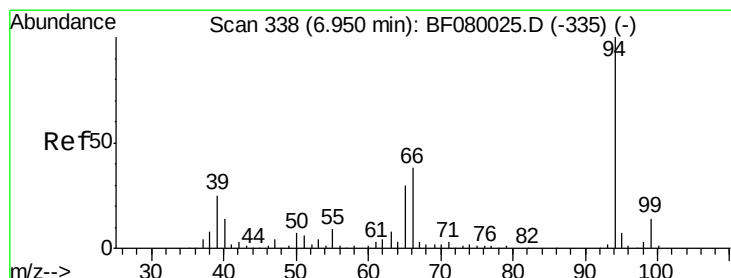
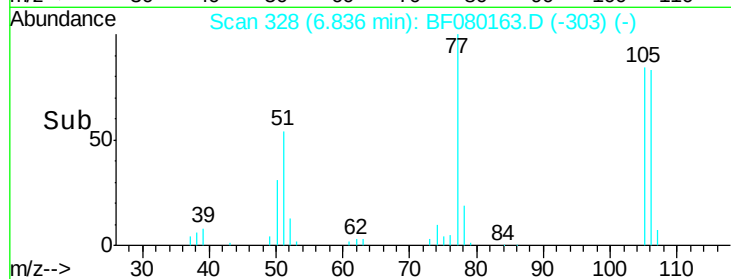
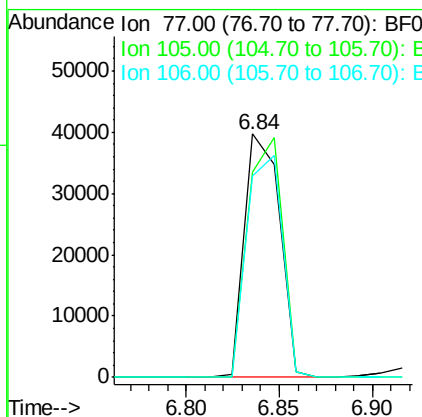
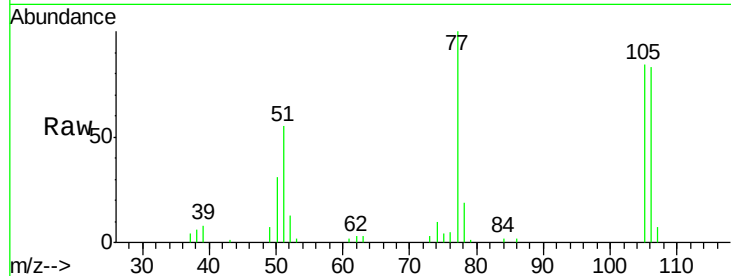
ClientSampleId :

PB84184BS

Tgt Ion: 77 Resp: 51974
 Ion Ratio Lower Upper
 77 100
 105 84.2 91.6 131.6#
 106 82.8 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 50.23 ng

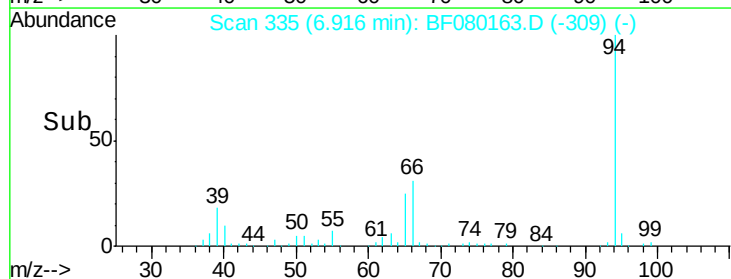
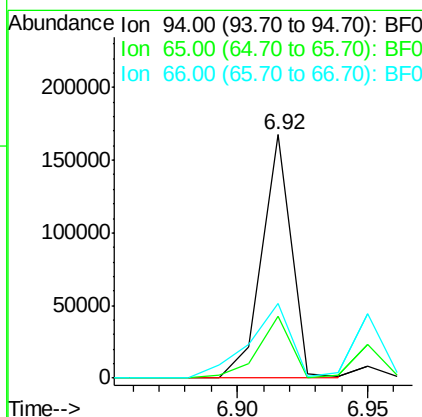
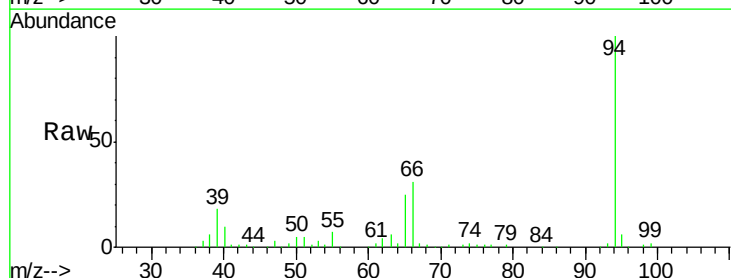
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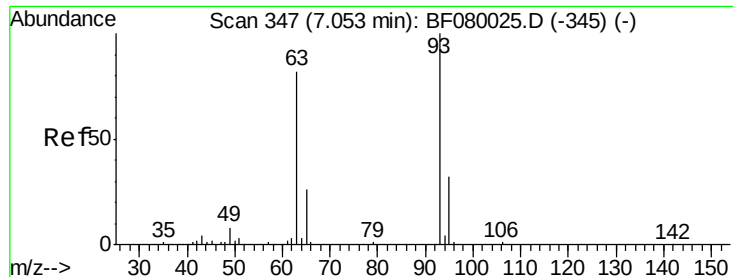
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion: 94 Resp: 132193
 Ion Ratio Lower Upper
 94 100
 65 25.4 0.7 40.7
 66 30.6 0.8 40.8





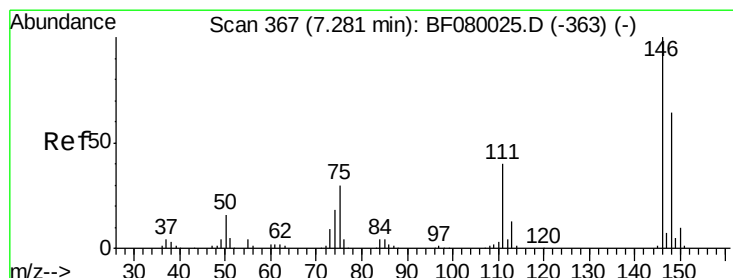
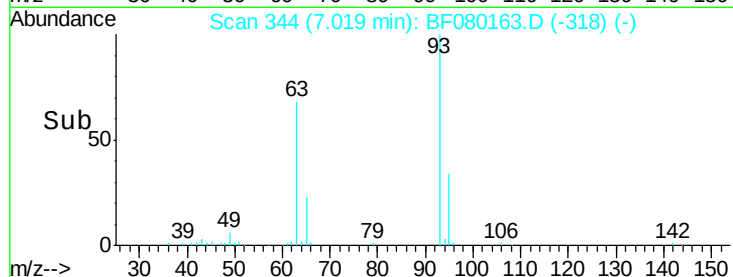
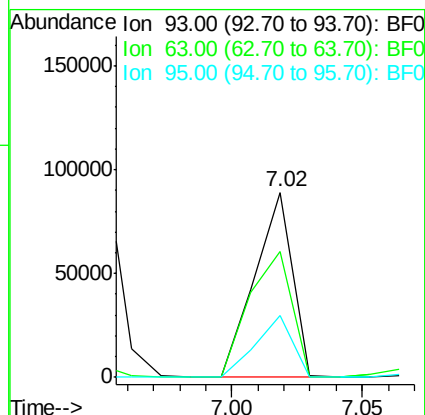
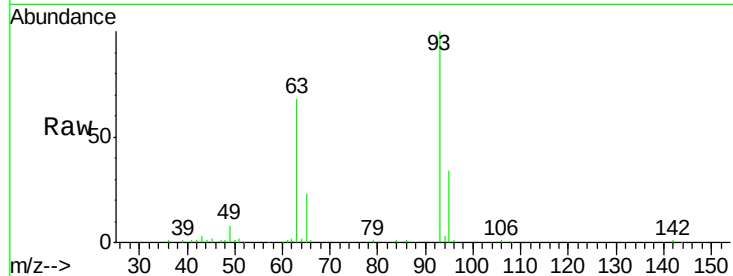
#11
bis(2-Chloroethyl)ether
Concen: 43.35 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.3	65.6	105.6
95	33.5	13.6	53.6

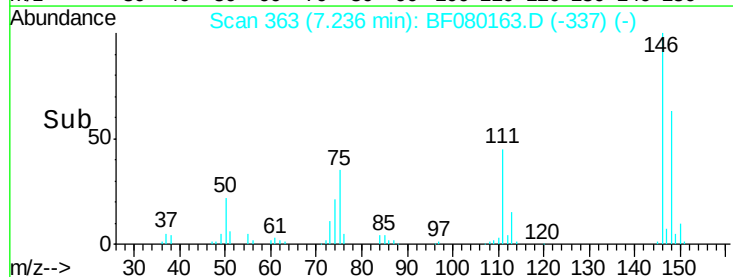
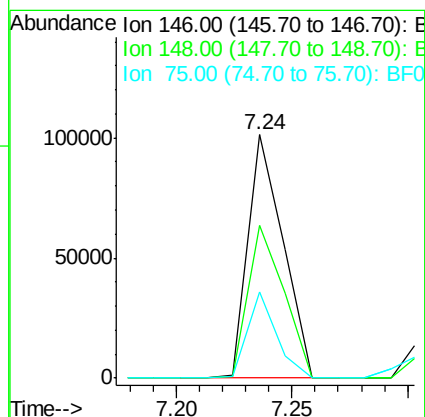
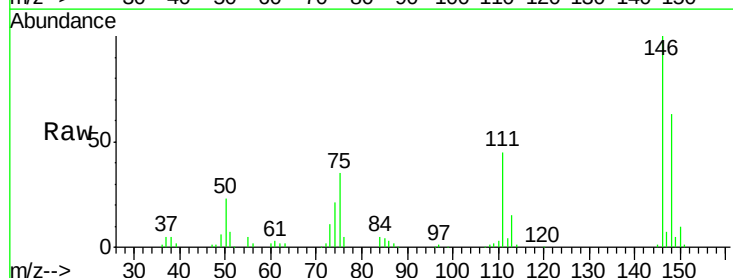
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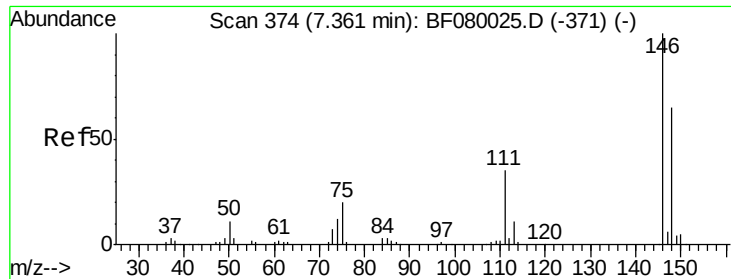
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#12
1,3-Dichlorobenzene
Concen: 42.54 ng m
RT: 7.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	35.3	15.0	22.6





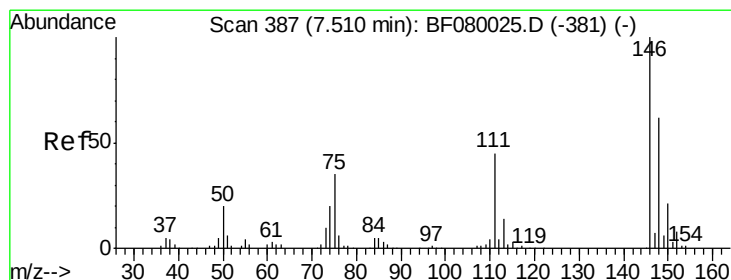
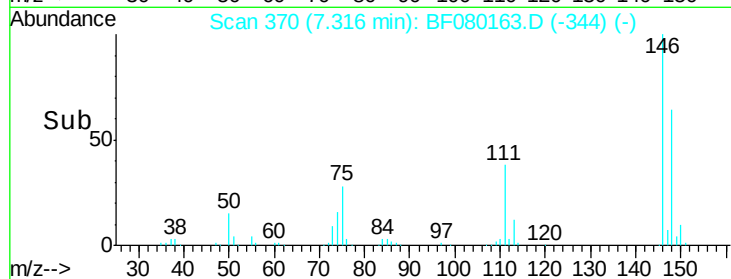
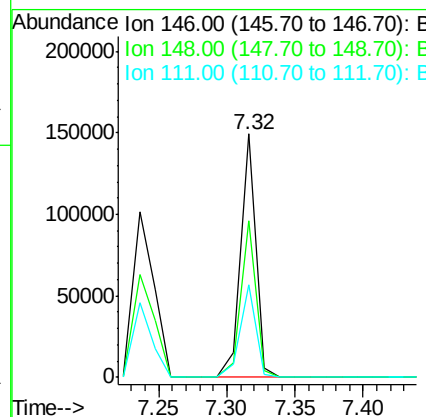
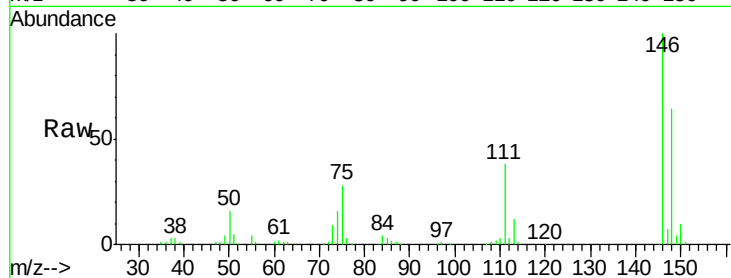
#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng m
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	38.0	24.9	37.3#

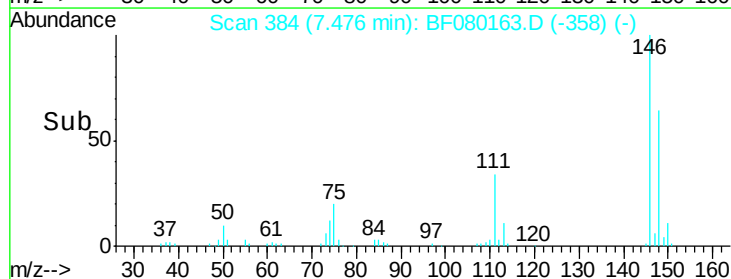
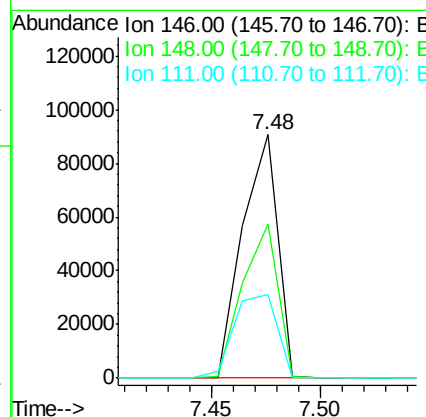
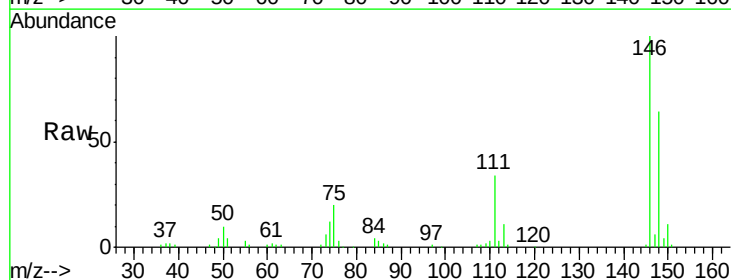
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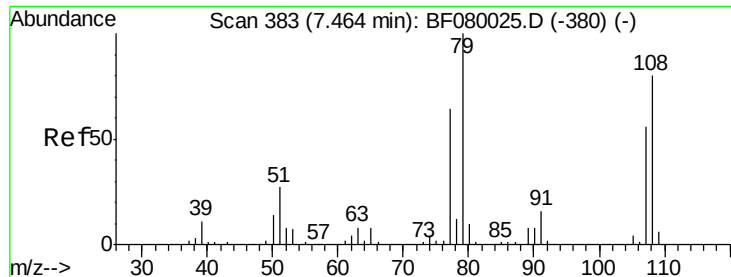
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#14
 1,2-Dichlorobenzene
 Concen: 43.73 ng
 RT: 7.48 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.7	79.1
111	34.2	28.8	43.2





#15

Benzyl Alcohol

Concen: 43.64 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

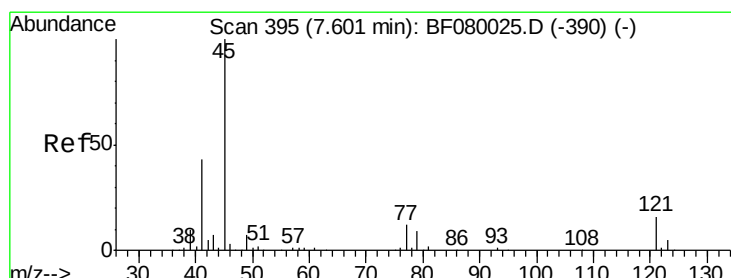
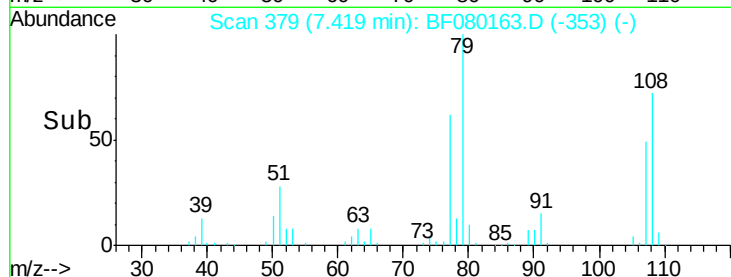
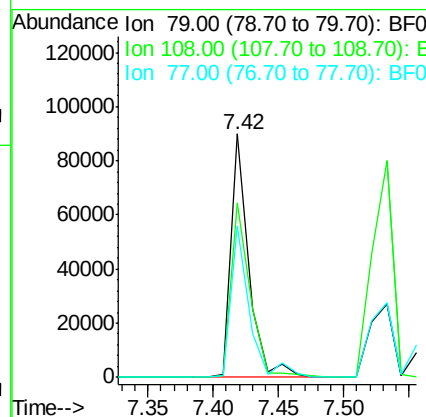
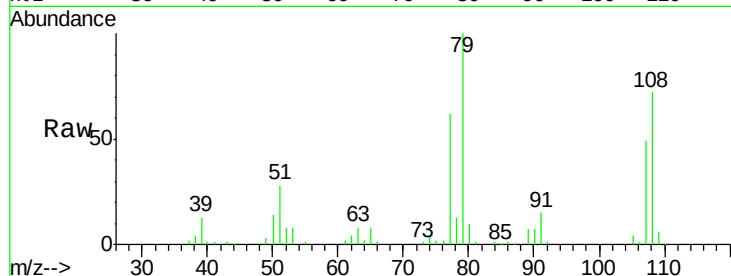
ClientSampleId :

PB84184BS

Tgt Ion:	79	Resp:	86051
Ion Ratio	Lower	Upper	
79	100		
108	71.5	88.6	132.8#
77	62.1	47.0	70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.91 ng

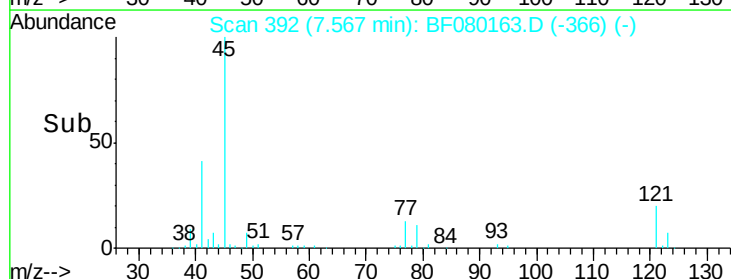
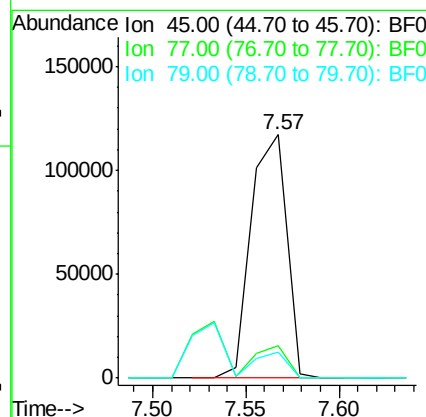
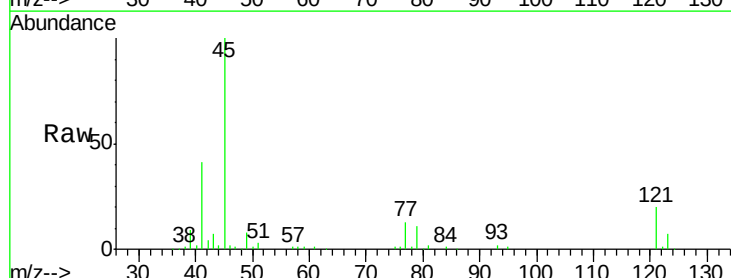
RT: 7.57 min Scan# 392

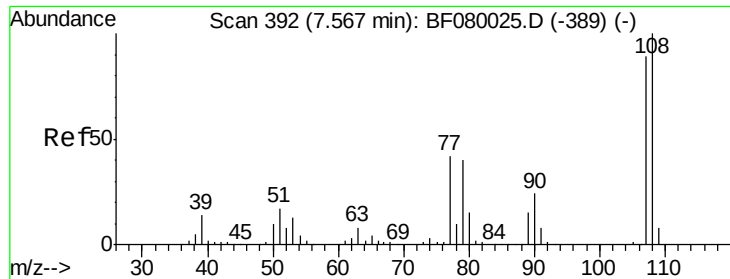
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	45	Resp:	154689
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	28.1
79	10.7	0.0	26.0





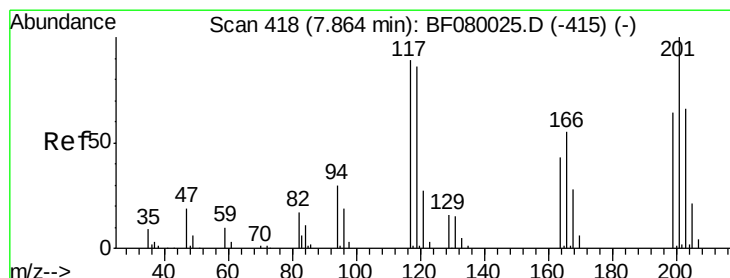
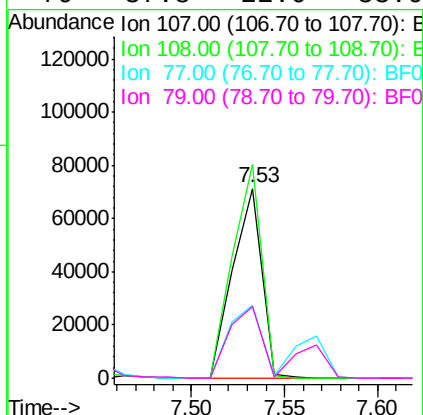
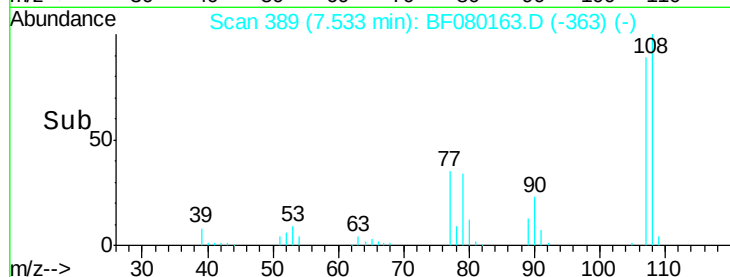
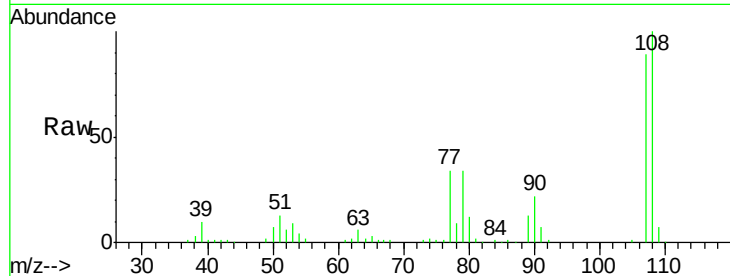
#17
2-Methylphenol
Concen: 43.42 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion:	107	Resp:	77692
Ion Ratio	Lower	Upper	
107	100		
108	112.7	96.6	145.0
77	38.7	23.3	34.9#
79	37.8	22.0	33.0#

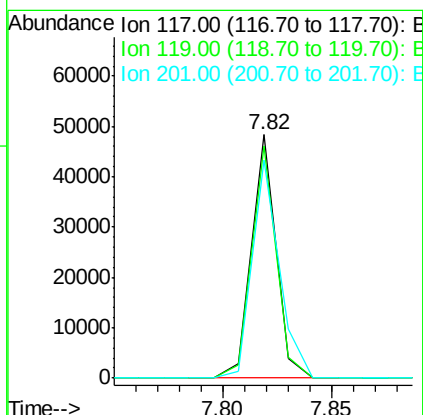
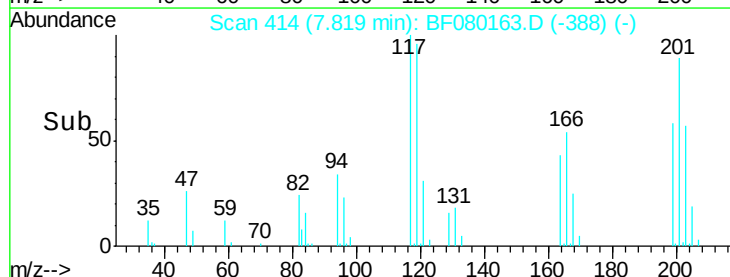
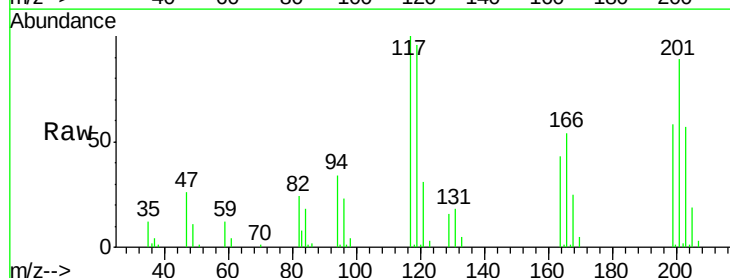
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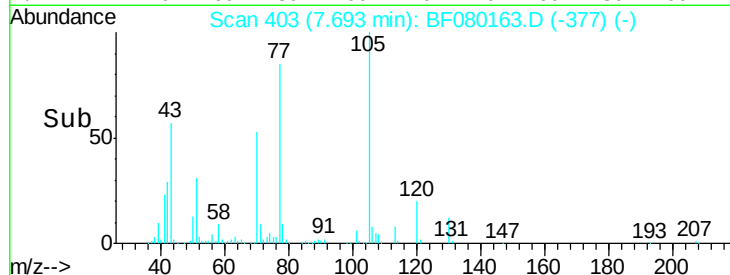
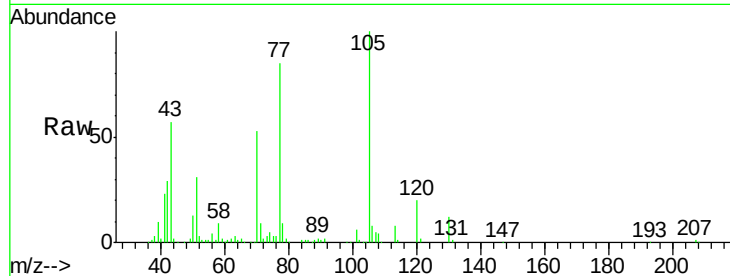
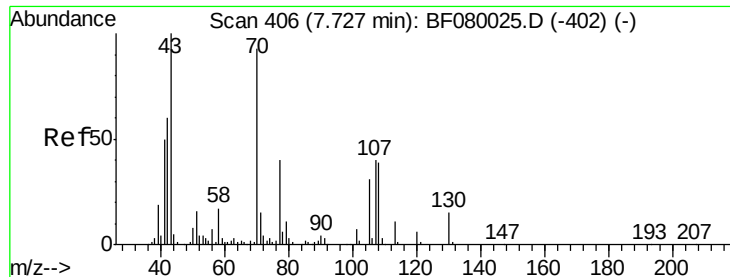
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#18
Hexachloroethane
Concen: 47.55 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:	117	Resp:	37885
Ion Ratio	Lower	Upper	
117	100		
119	95.5	83.8	125.6
201	89.3	55.1	82.7#





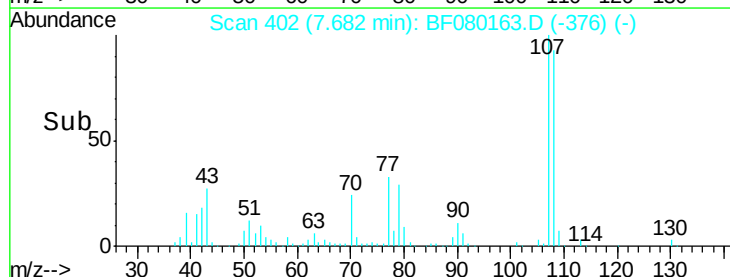
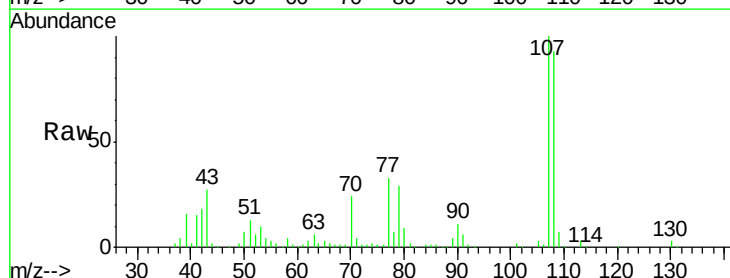
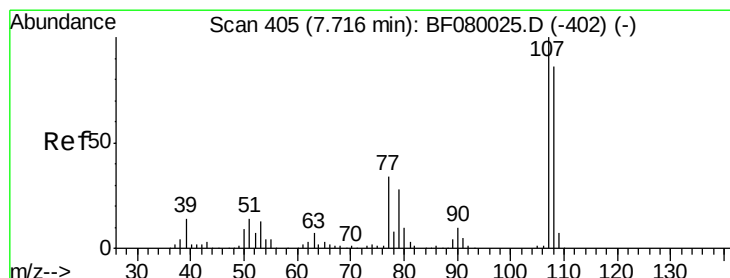
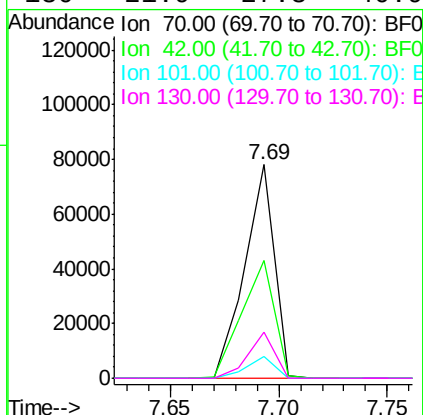
#19
n-Nitroso-di-n-propylamine
Concen: 43.92 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Manual Integrations
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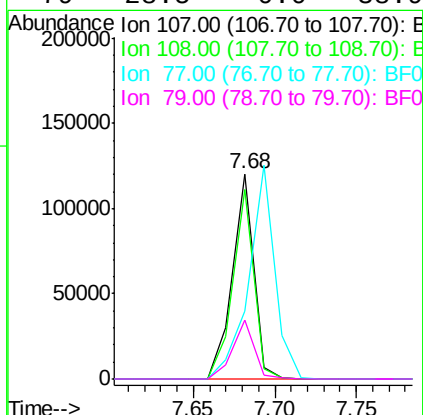
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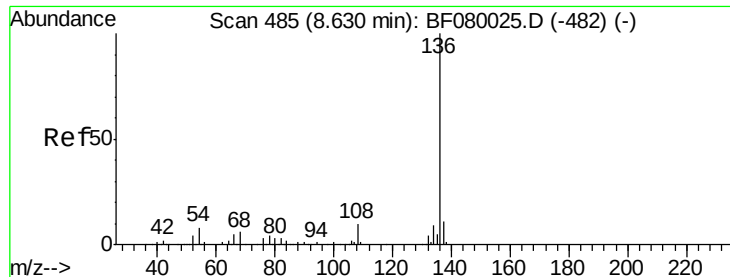
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	63.8	95.6#
101	10.4	9.2	13.8
130	21.9	27.3	40.9#



#20
3+4-Methylphenols
Concen: 47.09 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.6	114.6
77	33.2	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: BF080163.D

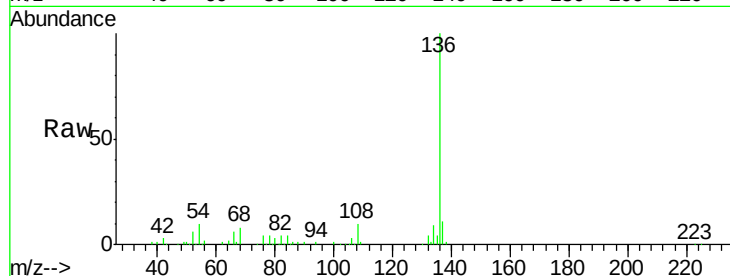
Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

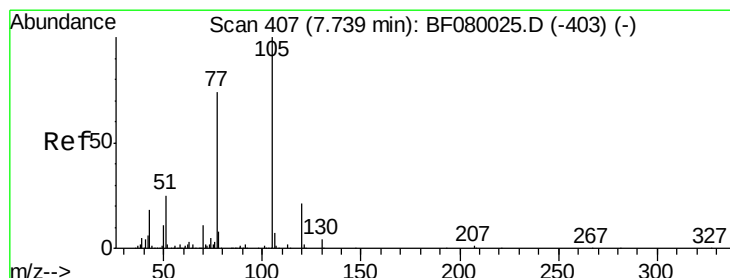
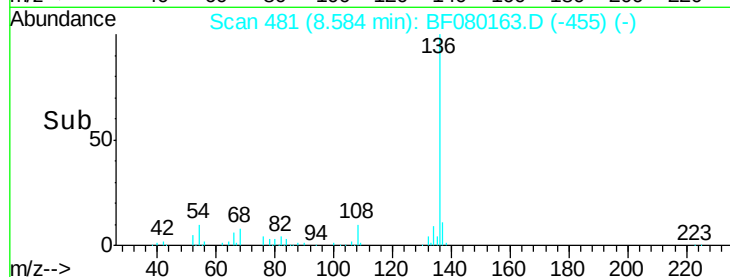
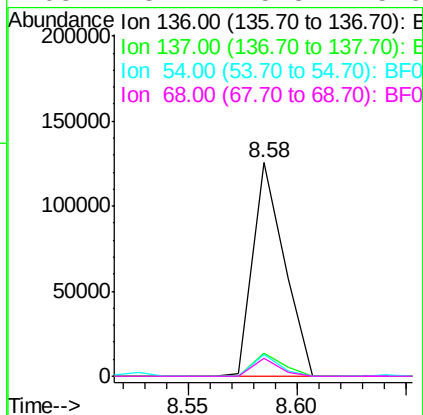
PB84184BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	126447		
137	11.1	9.0	13.6	
54	10.3	8.2	12.2	
68	8.2	5.8	8.6	

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#22

Acetophenone

Concen: 45.11 ng

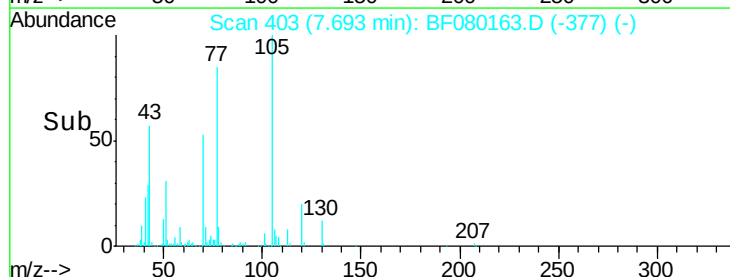
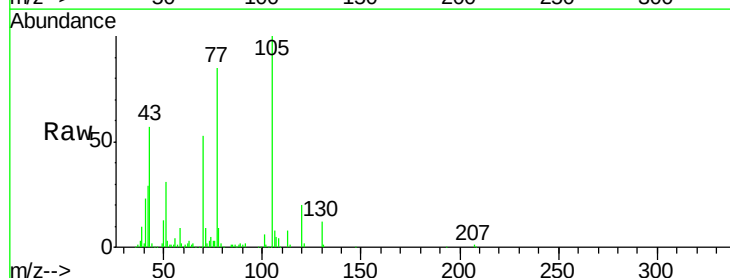
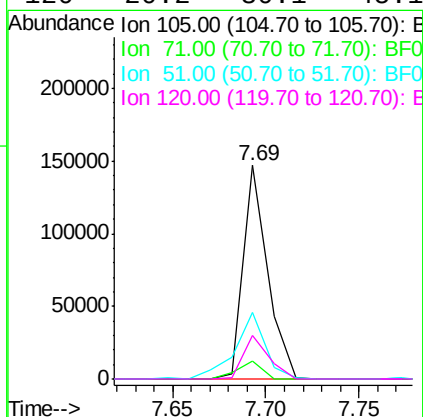
RT: 7.69 min Scan# 403

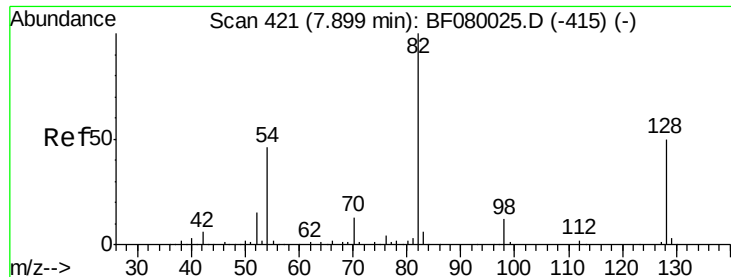
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	132925		
71	8.5	4.7	7.1#	
51	31.3	22.0	33.0	
120	20.2	30.1	45.1#	





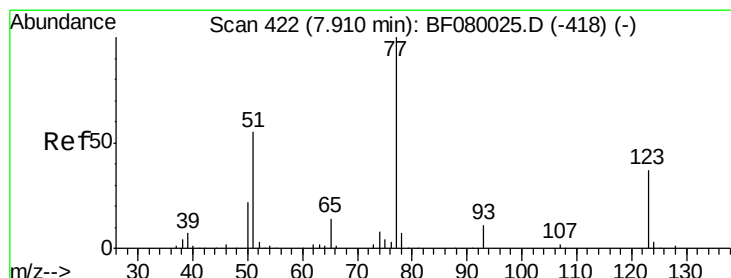
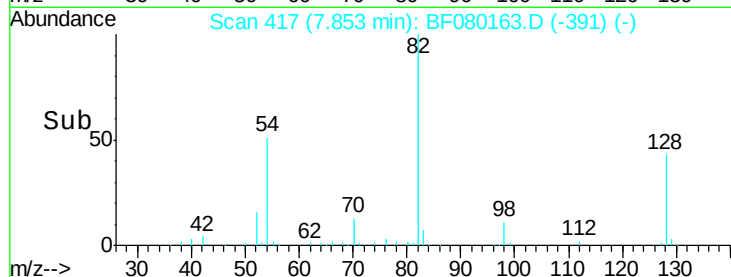
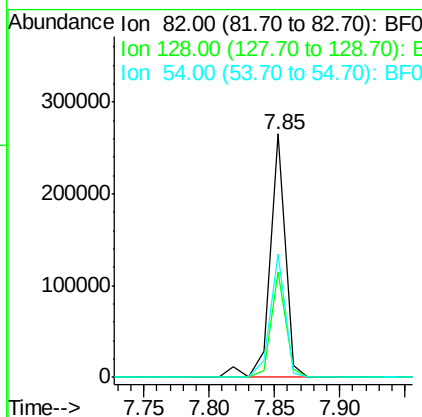
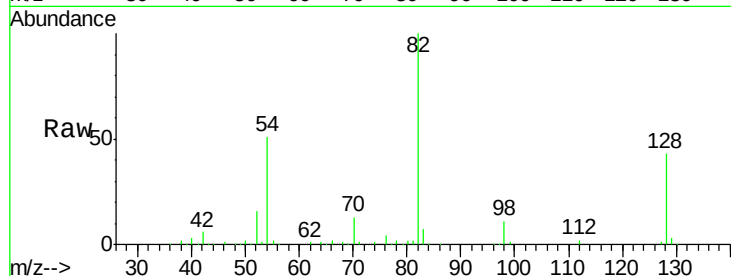
#23
 Nitrobenzene-d5
 Concen: 101.40 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	220239		
128	43.2	51.0	76.6#	
54	50.7	47.5	71.3	

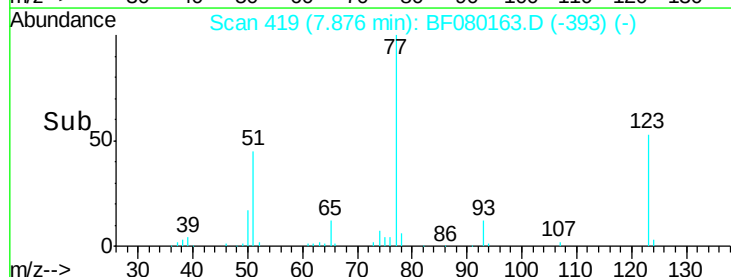
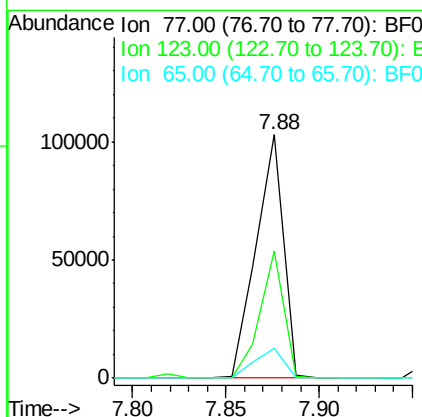
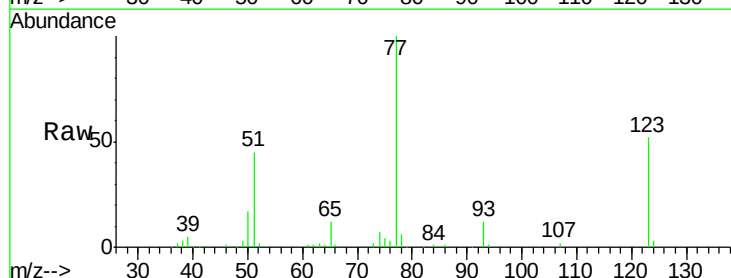
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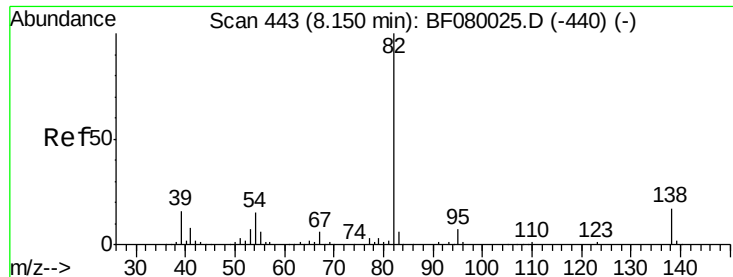
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#24
 Nitrobenzene
 Concen: 46.41 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	104049		
123	52.5	59.8	89.8#	
65	12.3	10.2	15.4	





#25

Isophorone

Concen: 41.21 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

Tgt Ion: 82 Resp: 180127
Ion Ratio Lower Upper

82 100

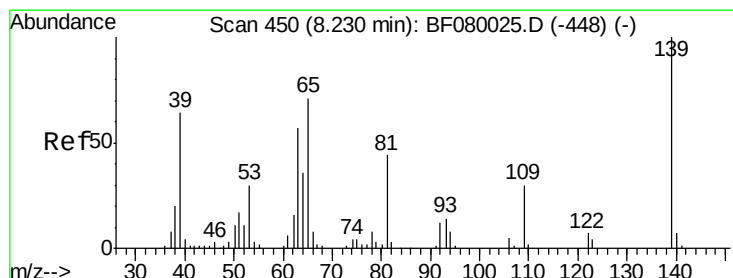
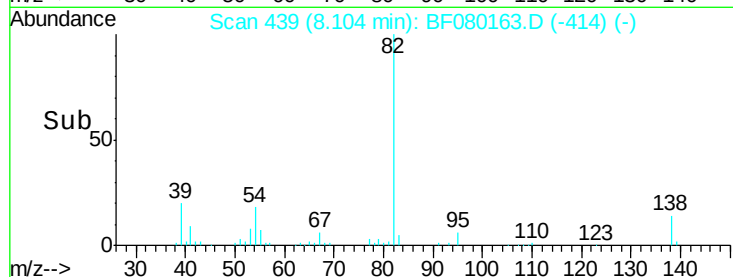
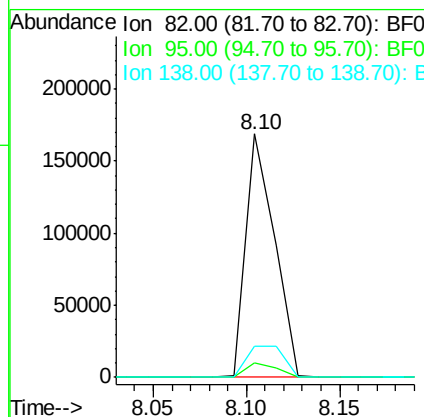
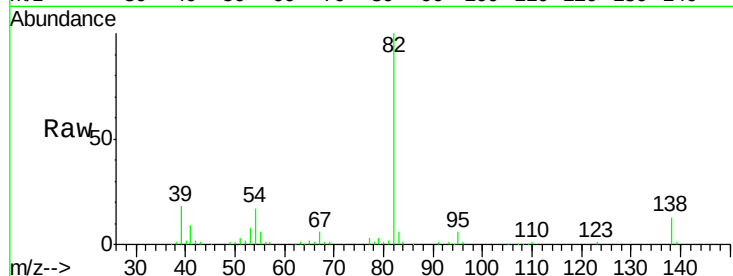
95 6.2 4.0 6.0#

138 12.9 18.3 27.5#

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#26

2-Nitrophenol

Concen: 55.46 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF080163.D

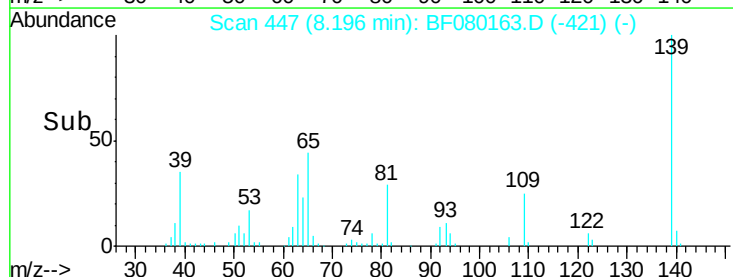
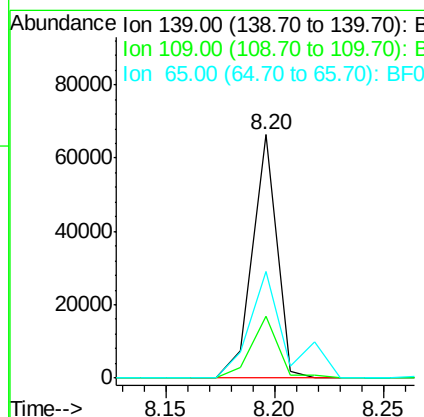
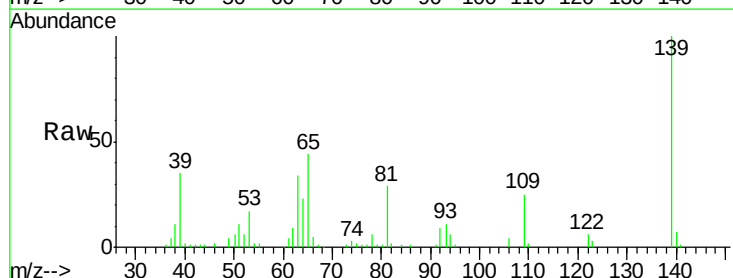
Acq: 25 Jun 2015 13:51

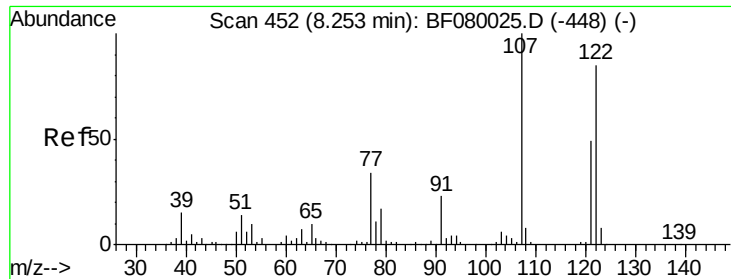
Tgt Ion: 139 Resp: 52043
Ion Ratio Lower Upper

139 100

109 25.4 11.0 16.4#

65 43.9 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 49.49 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

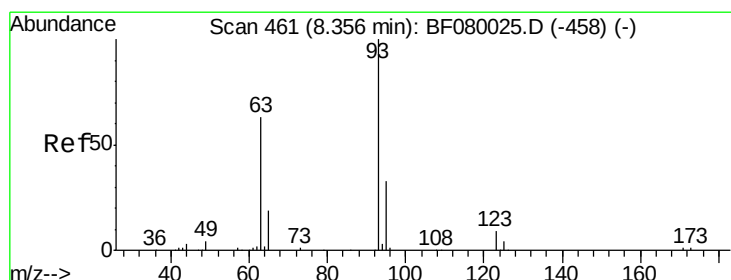
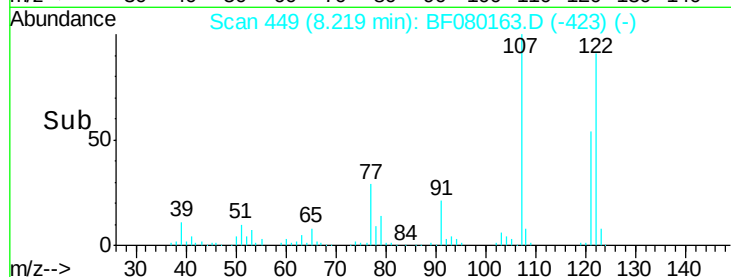
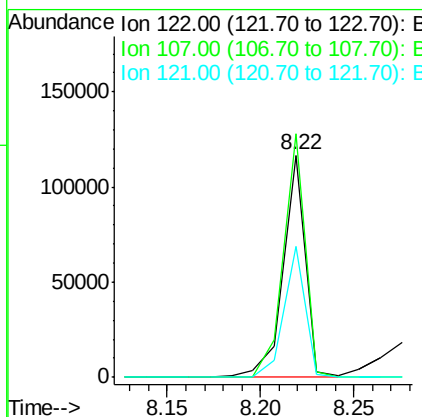
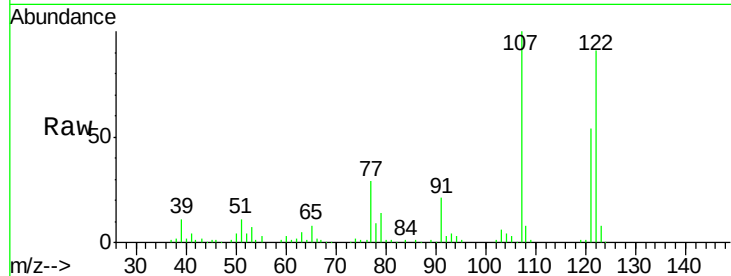
ClientSampleId :

PB84184BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	96836		
107	109.7	71.8	107.6#	
121	59.2	42.3	63.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 43.17 ng

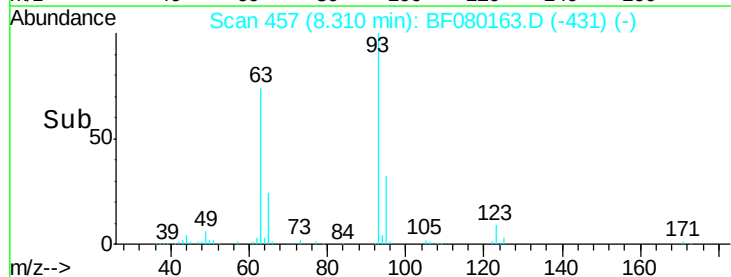
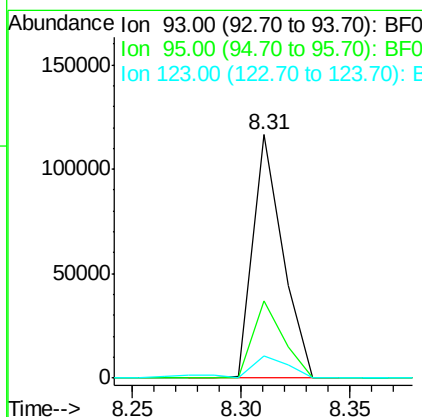
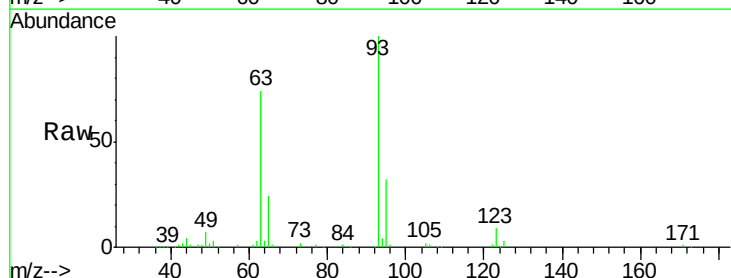
RT: 8.31 min Scan# 457

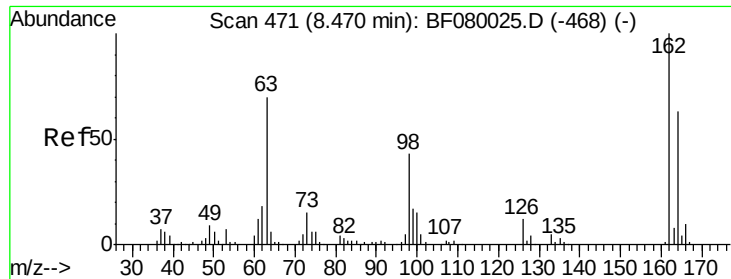
Delta R.T. -0.00 min

Lab File: BF080163.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	110865		
95	31.6	27.5	41.3	
123	8.9	13.7	20.5#	





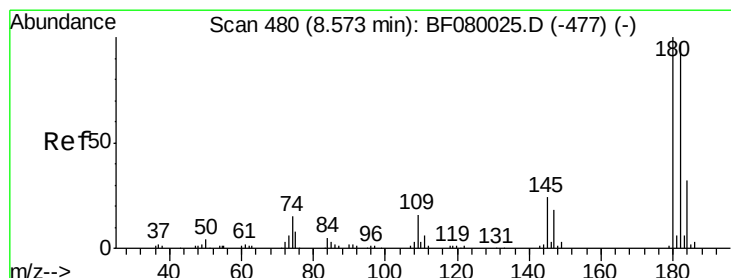
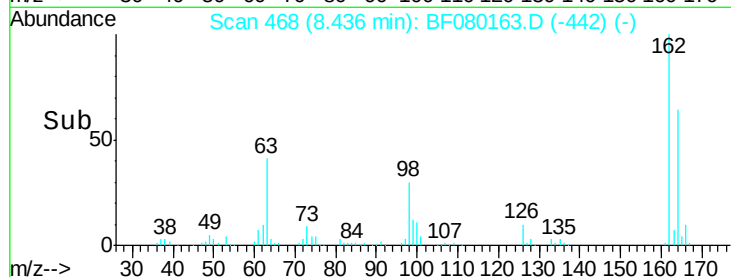
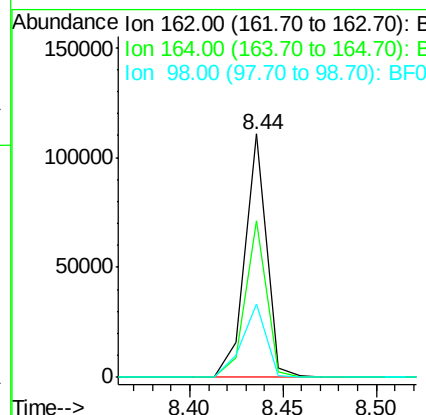
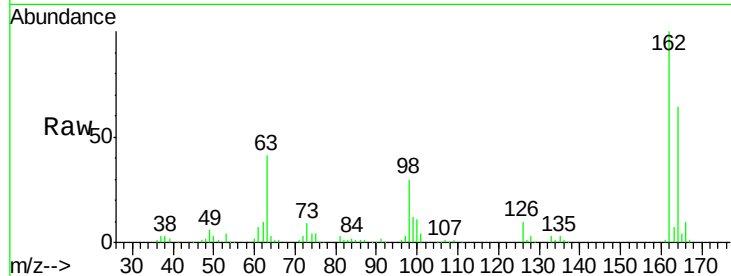
#29
 2,4-Dichlorophenol
 Concen: 53.67 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampled :
 PB84184BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	89941		
164	64.4	44.9	84.9	
98	30.3	13.0	53.0	

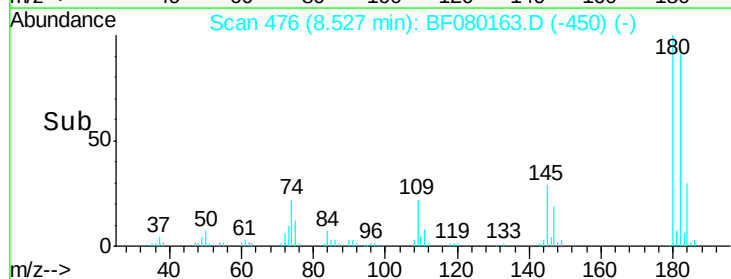
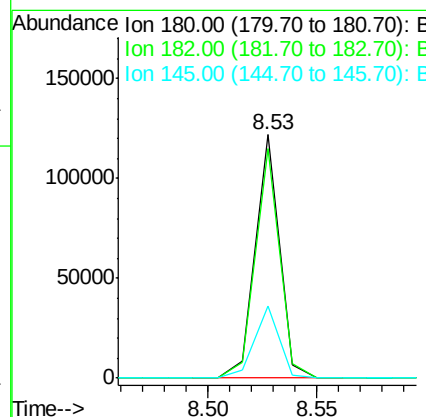
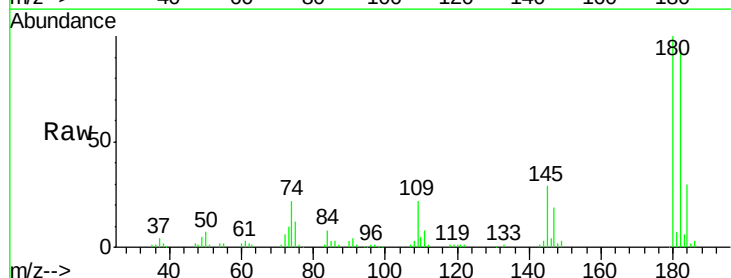
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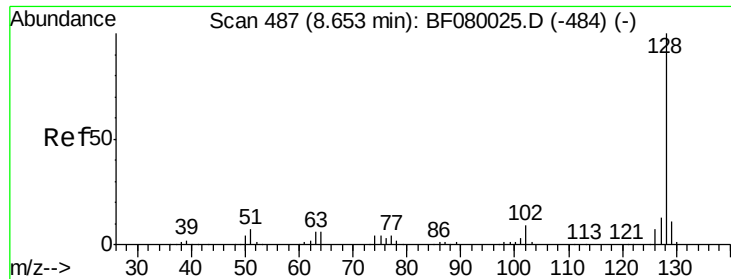
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.58 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94356		
182	94.2	77.1	115.7	
145	29.4	23.3	34.9	





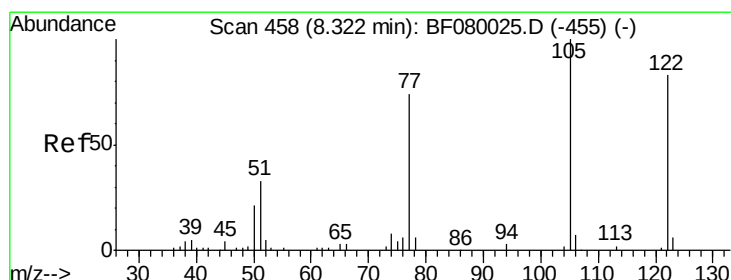
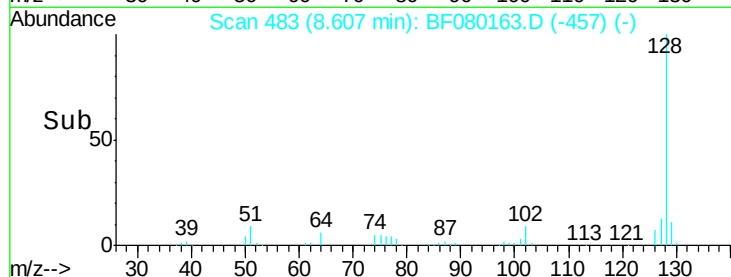
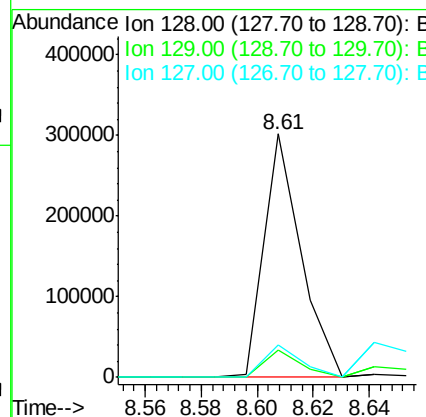
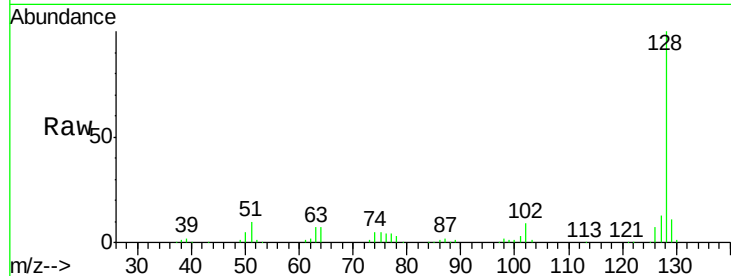
#31
Naphthalene
Concen: 41.77 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	276157		
129	11.4	8.4	12.6	
127	13.3	9.9	14.9	

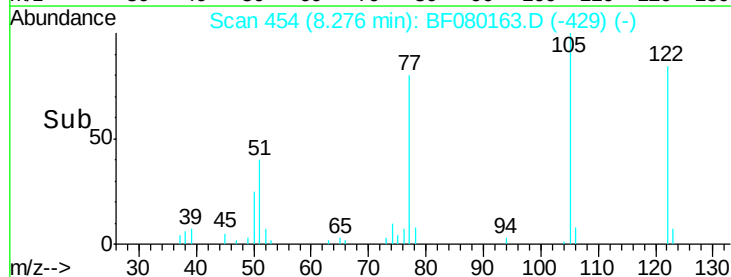
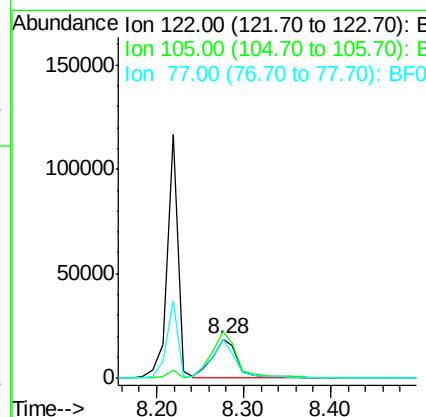
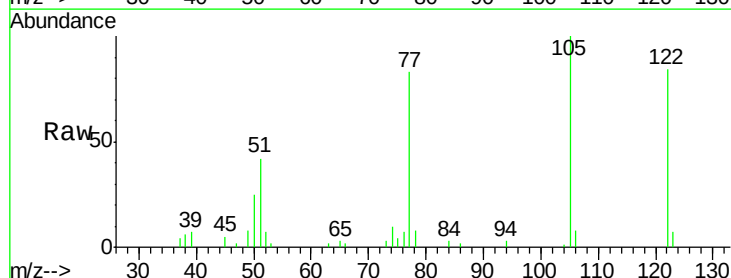
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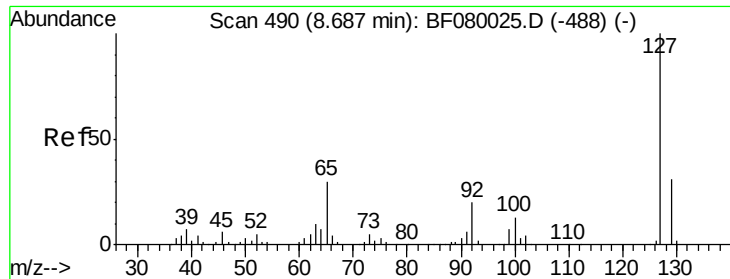
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#32
Benzoic acid
Concen: 33.29 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39382		
105	118.7	76.1	116.1#	
77	98.3	40.5	80.5#	





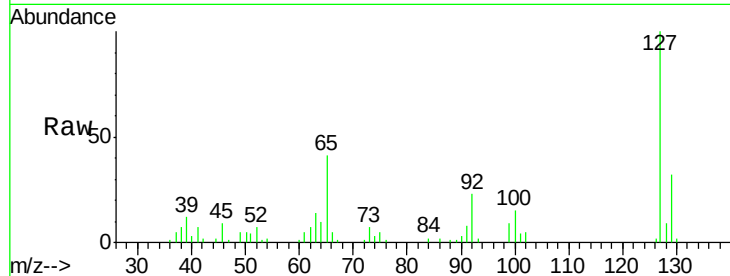
#33
4-Chloroaniline
Concen: 18.45 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

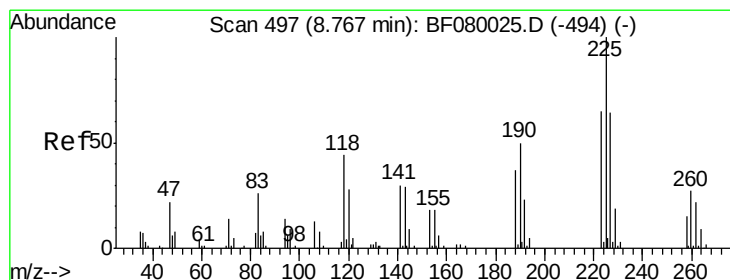
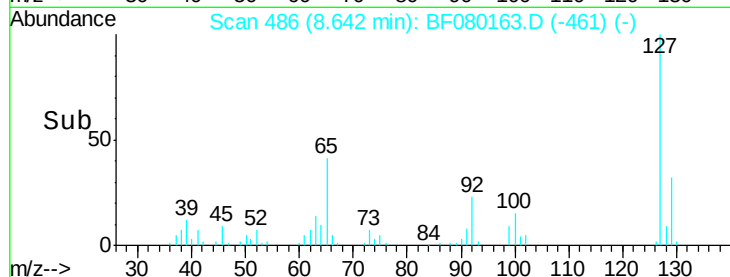
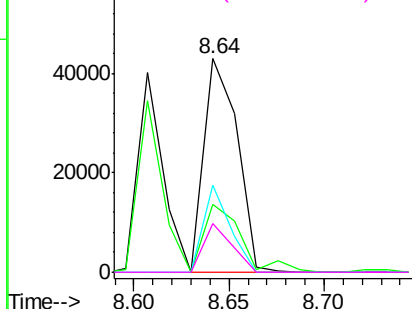
Tgt Ion:	127	Resp:	52215
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.6
65	40.6	17.9	26.9#
92	22.6	10.5	15.7#

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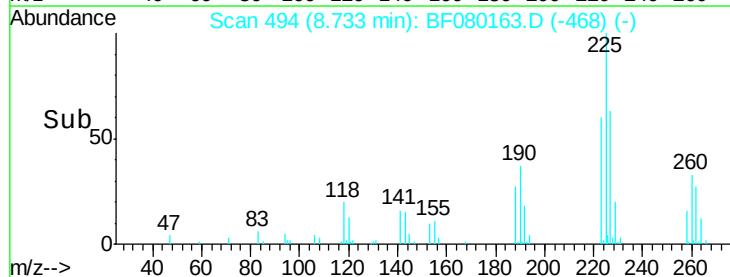
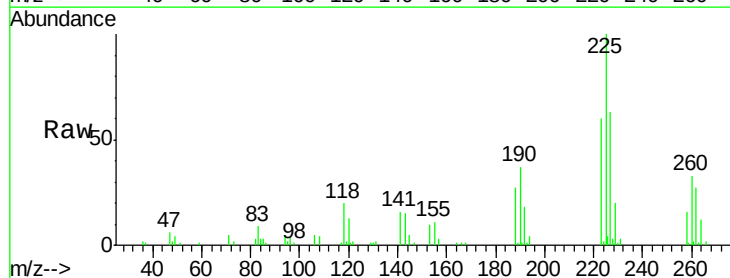
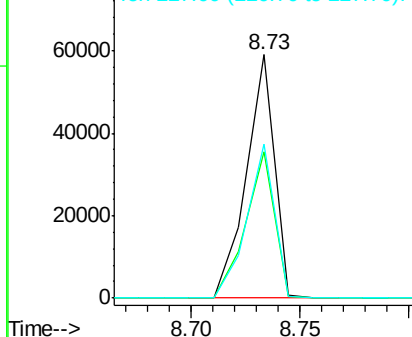
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

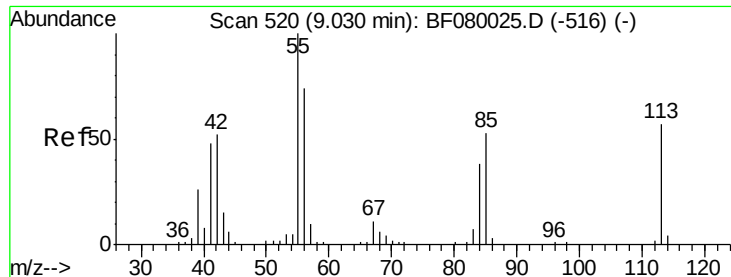


#34
Hexachlorobutadiene
Concen: 45.02 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion:	225	Resp:	52748
Ion Ratio	Lower	Upper	
225	100		
223	60.0	50.2	75.2
227	63.1	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





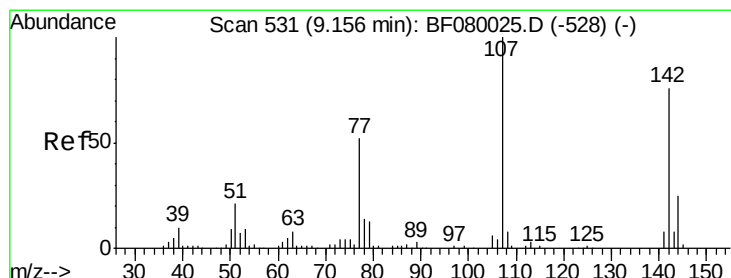
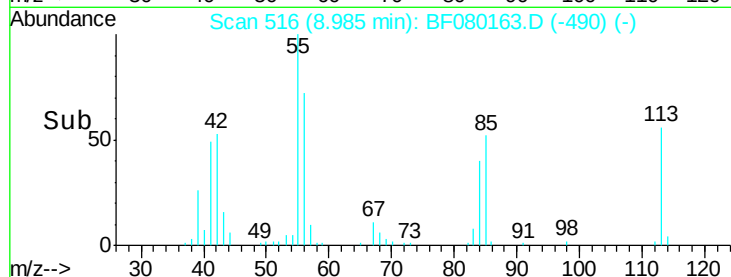
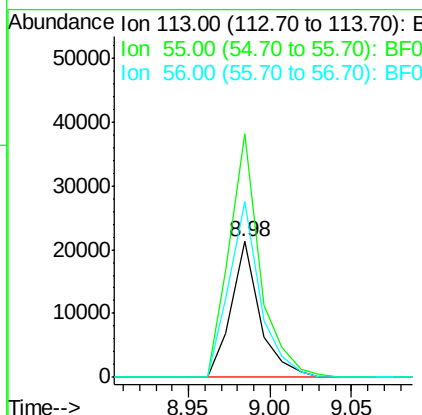
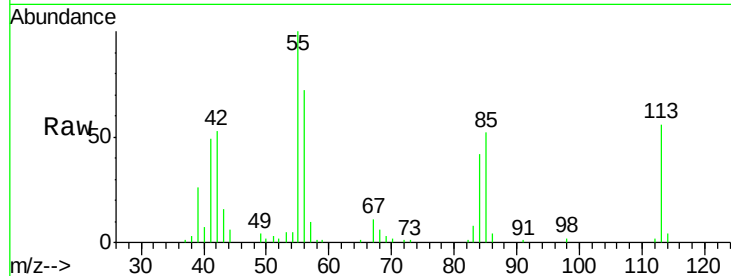
#35
 Caprolactam
 Concen: 47.59 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion:113 Resp: 25883
 Ion Ratio Lower Upper
 113 100
 55 179.0 152.4 192.4
 56 129.1 104.6 144.6

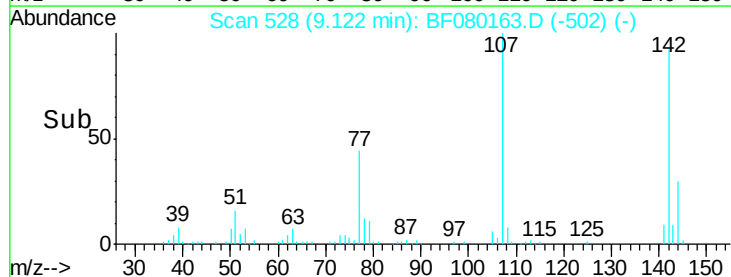
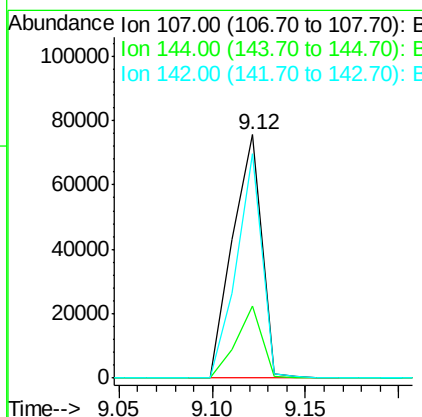
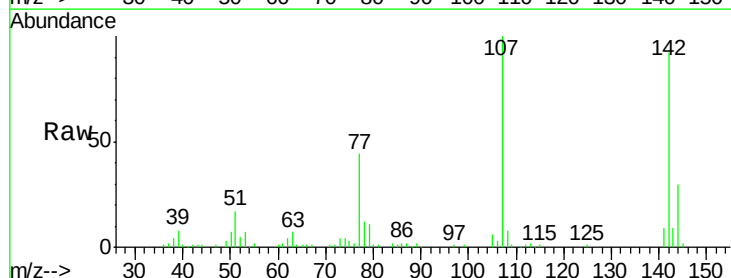
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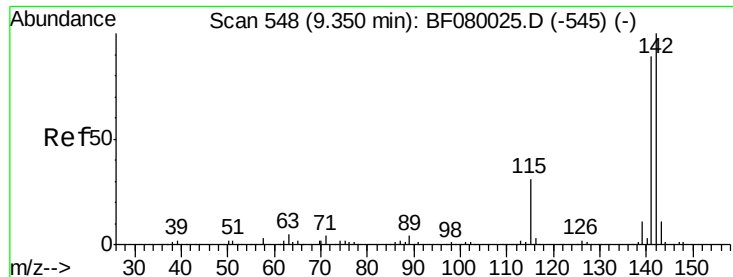
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#36
 4-Chloro-3-methylphenol
 Concen: 43.65 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion:107 Resp: 82504
 Ion Ratio Lower Upper
 107 100
 144 29.7 25.4 38.0
 142 91.9 77.3 115.9





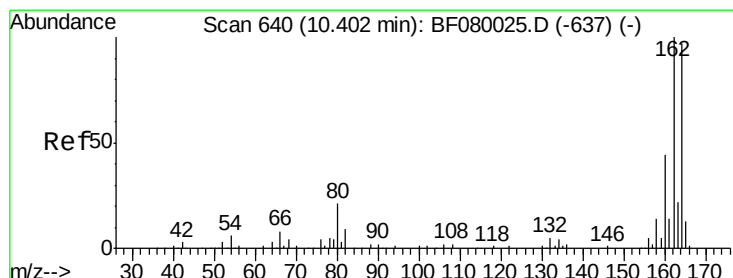
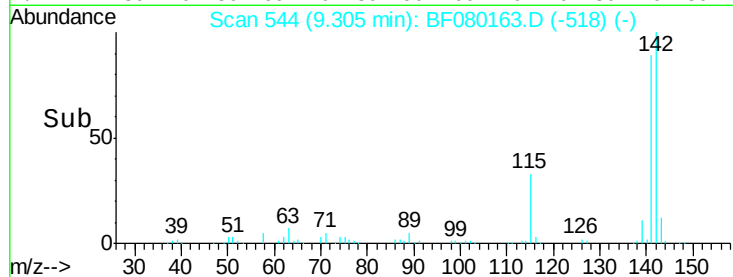
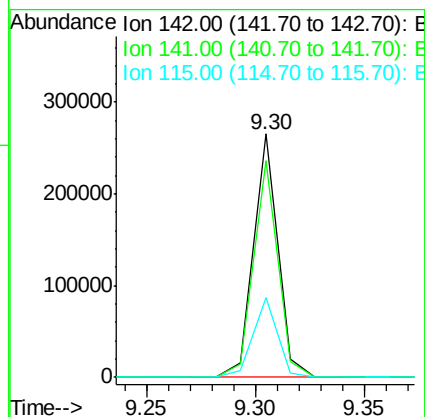
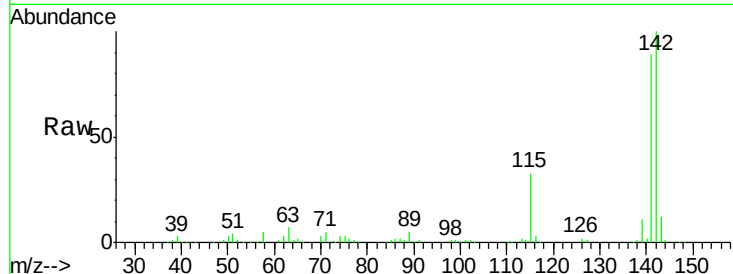
#37
 2-Methylnaphthalene
 Concen: 48.26 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	88.9	67.5	101.3
115	32.7	18.2	27.2

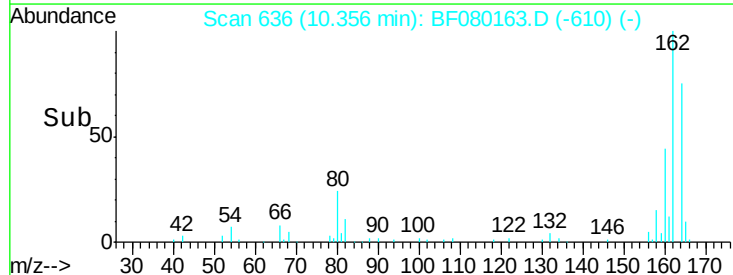
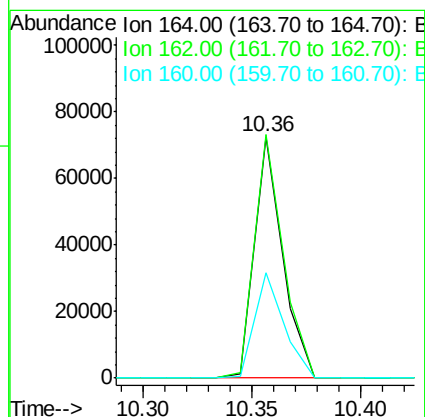
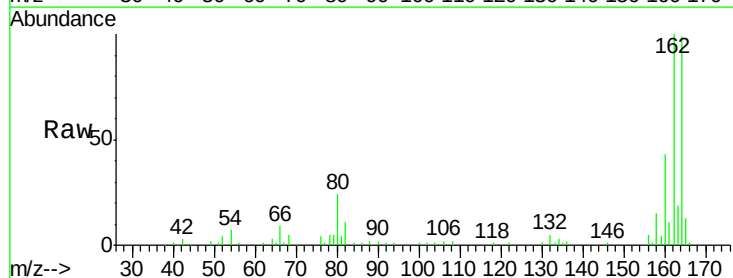
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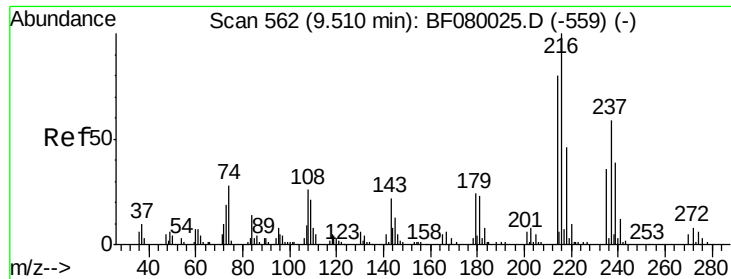
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	100.9	75.2	112.8
160	43.7	31.5	47.3





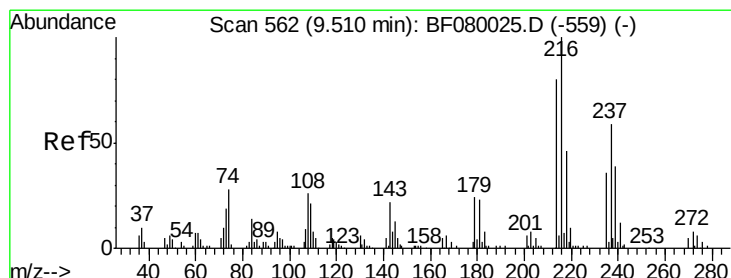
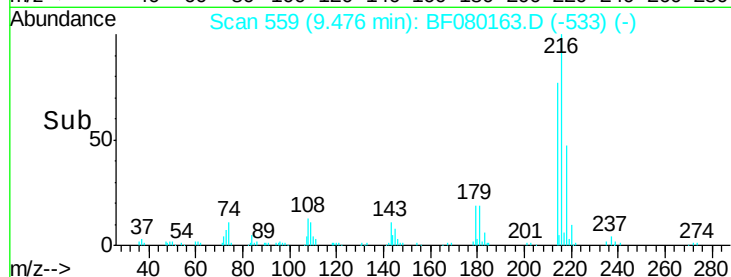
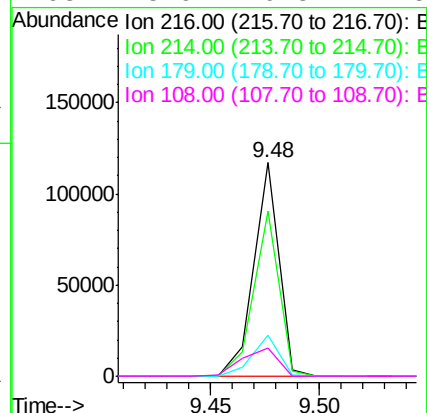
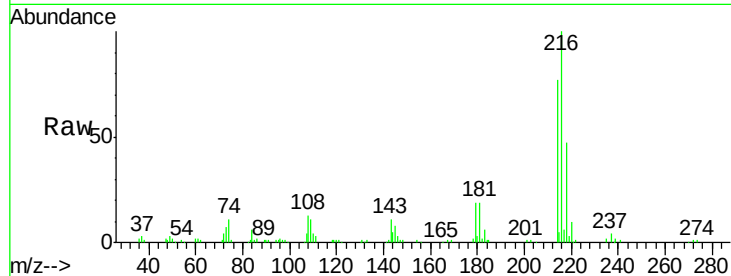
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.70 ng
 RT: 9.48 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.5	95.3
179	20.3	16.6	24.8
108	18.9	16.3	24.5

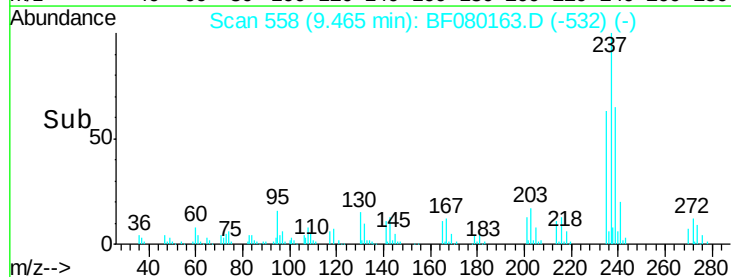
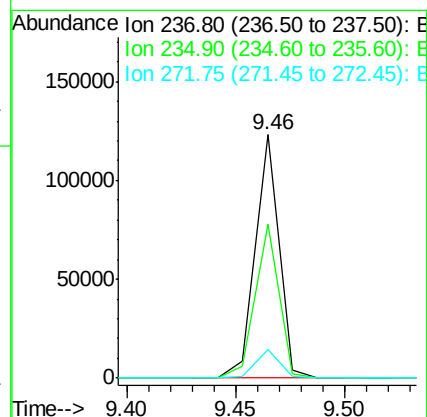
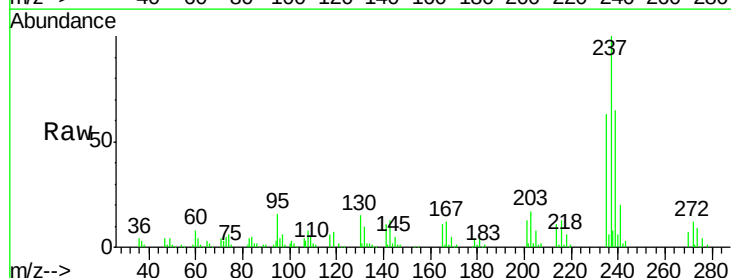
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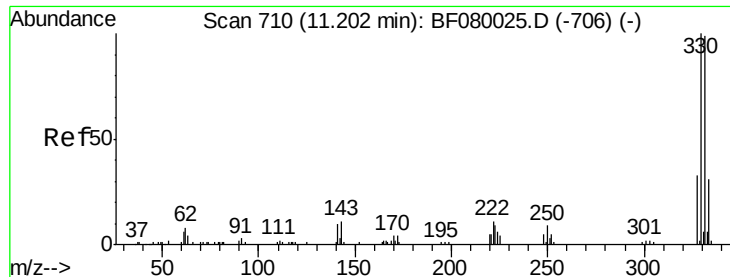
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#40
 Hexachlorocyclopentadiene
 Concen: 94.61 ng
 RT: 9.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	11.7	0.0	36.1





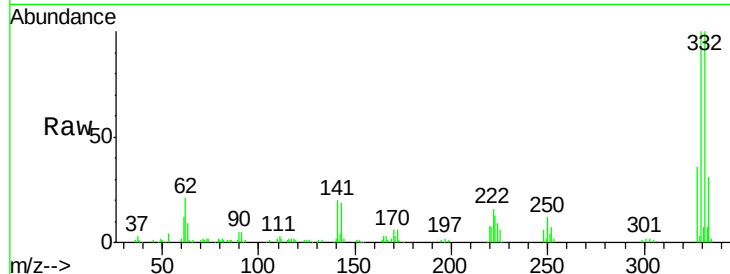
#41
 2,4,6-Tribromophenol
 Concen: 147.51 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

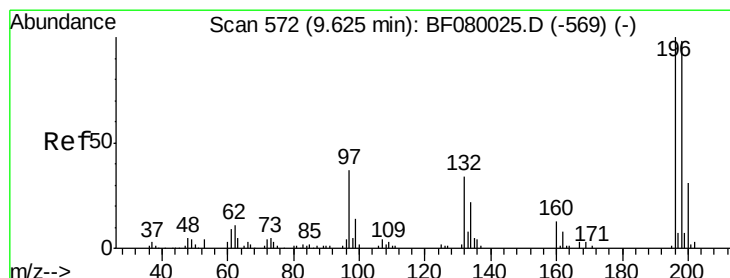
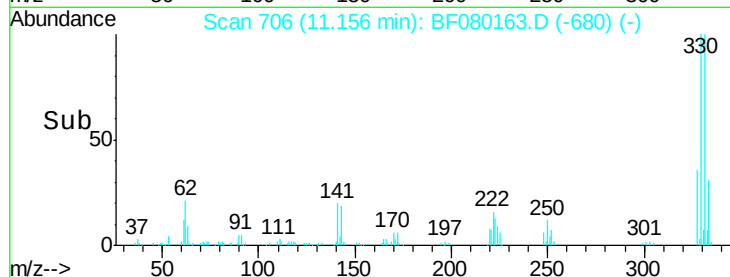
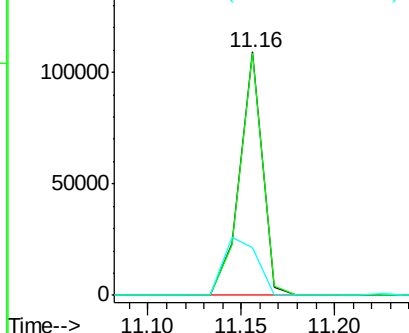
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	93635		
332	99.6	76.6	114.8	
141	35.0	29.7	44.5	

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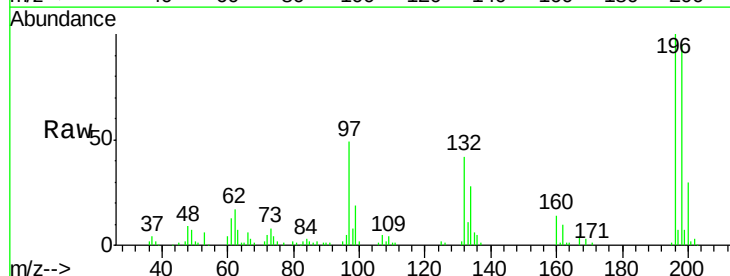


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

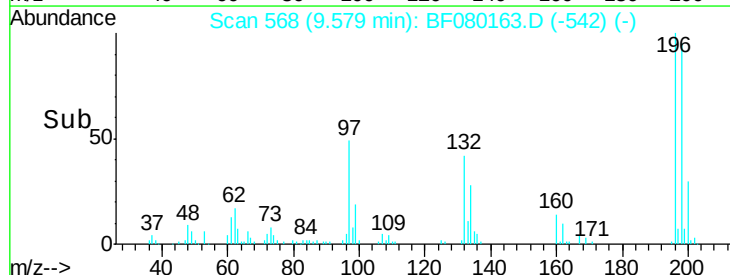
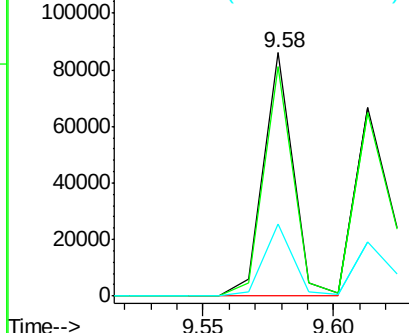


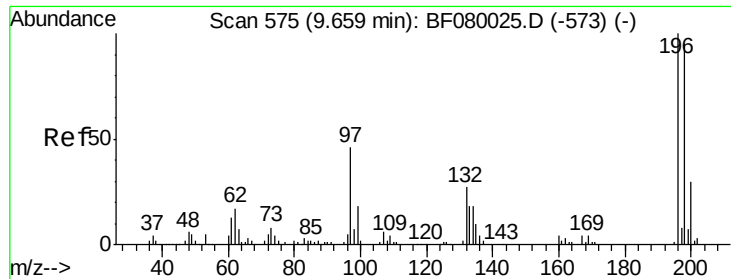
#42
 2,4,6-Trichlorophenol
 Concen: 51.94 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	66767		
198	94.5	75.7	113.5	
200	29.6	23.9	35.9	



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





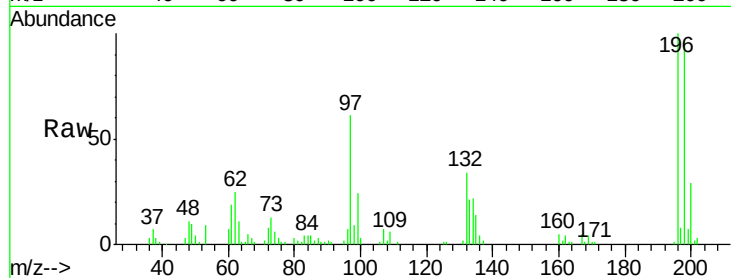
#43
 2,4,5-Trichlorophenol
 Concen: 42.71 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

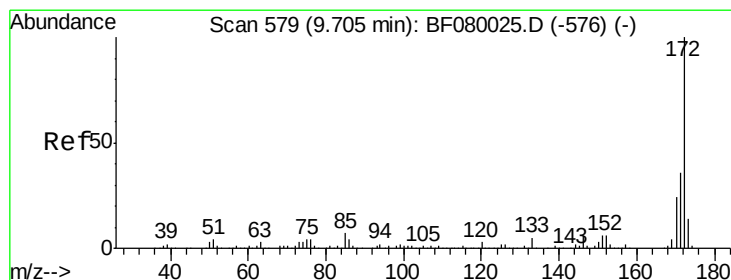
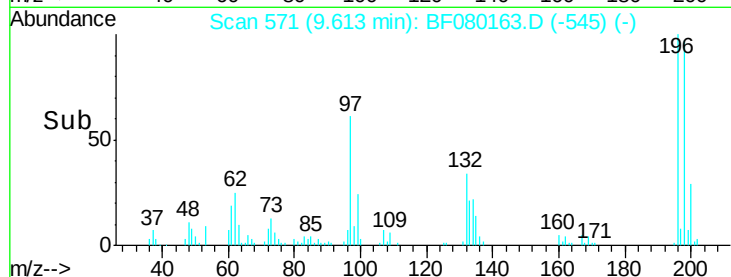
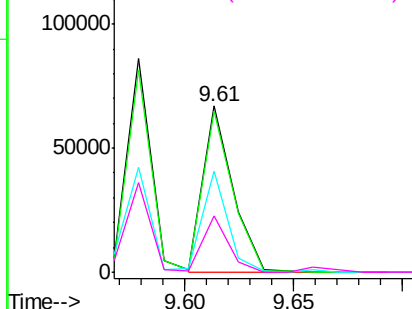
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63252		
198	96.9	75.4	113.0	
97	60.6	33.3	49.9	
132	33.7	24.6	37.0	

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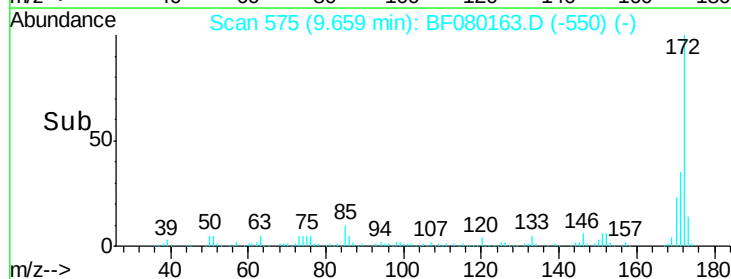
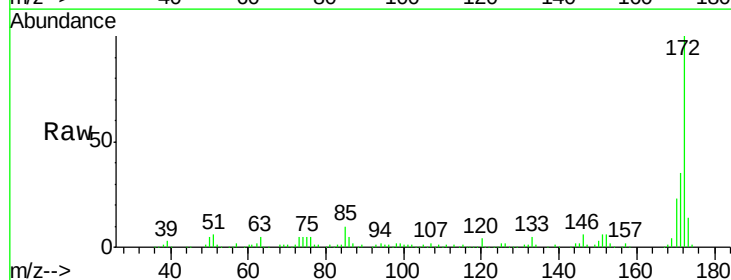
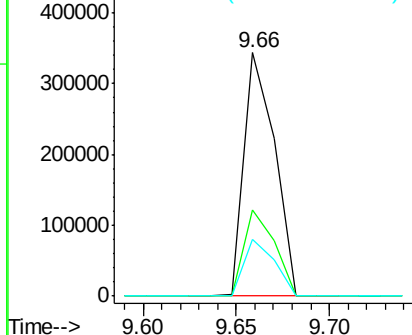
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

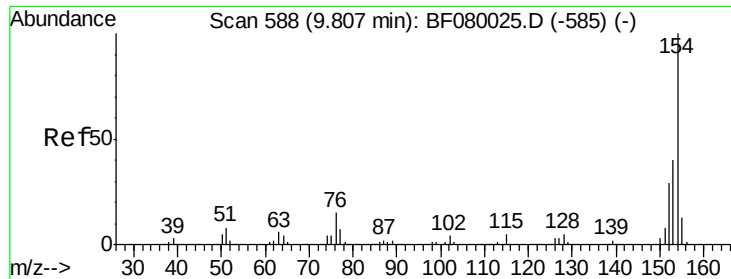


#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	390190		
171	35.4	26.1	39.1	
170	23.5	17.4	26.2	

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





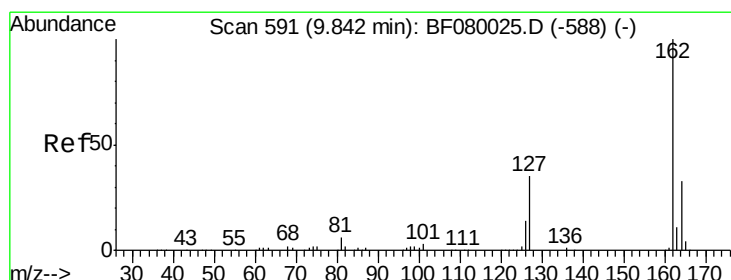
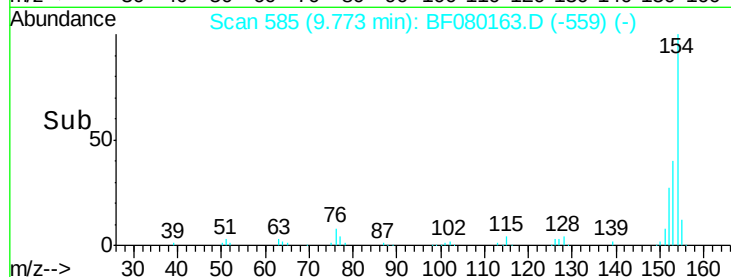
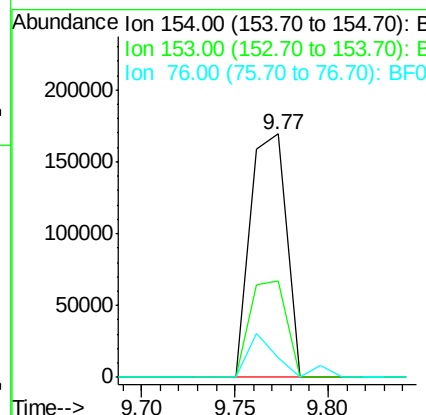
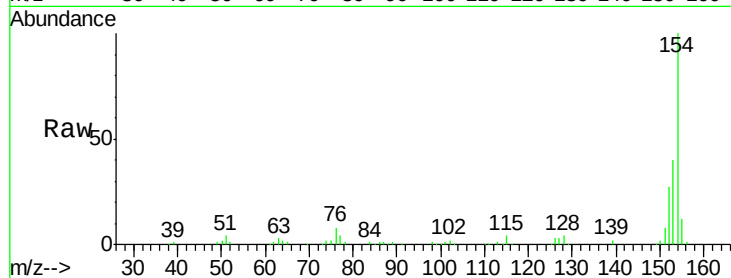
#45
 1,1'-Biphenyl
 Concen: 42.81 ng
 RT: 9.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.6	17.1	57.1
76	8.1	0.0	31.6

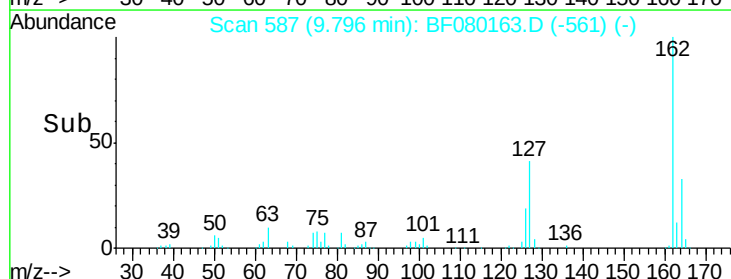
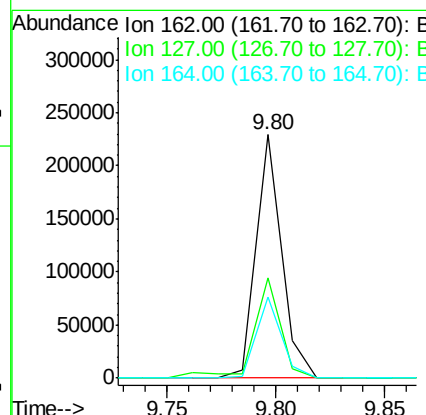
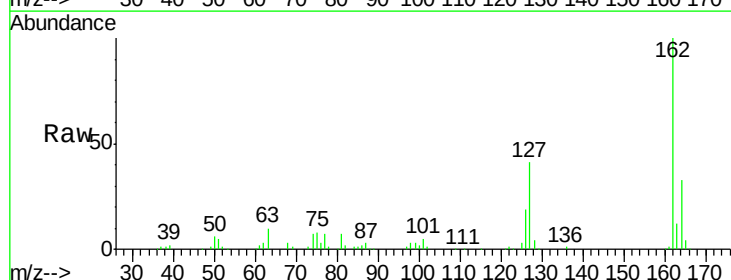
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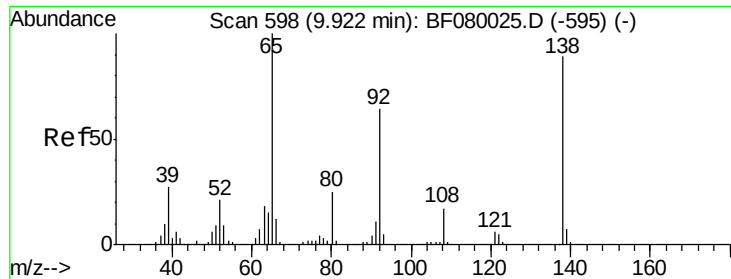
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#46
 2-Chloronaphthalene
 Concen: 43.62 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.0	27.6	41.4
164	33.0	25.4	38.2





#47

2-Nitroaniline

Concen: 44.93 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF080163.D

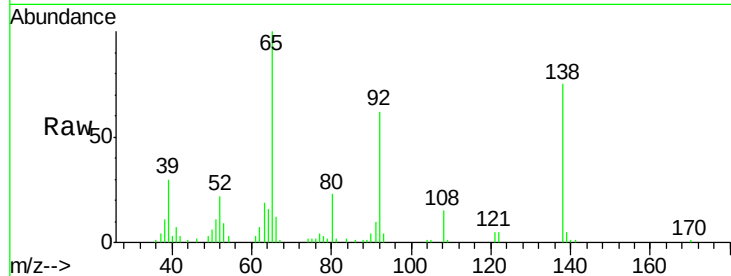
Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS



Tgt Ion: 65 Resp: 52851

Ion Ratio Lower Upper

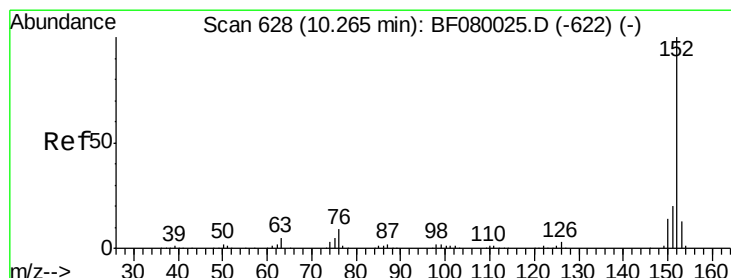
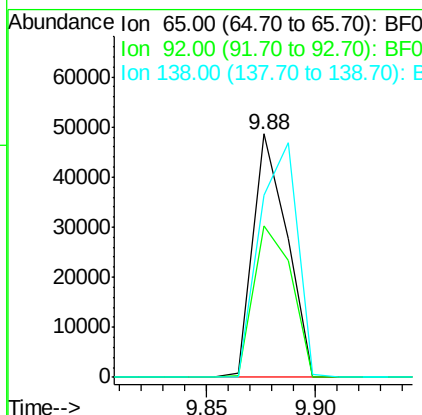
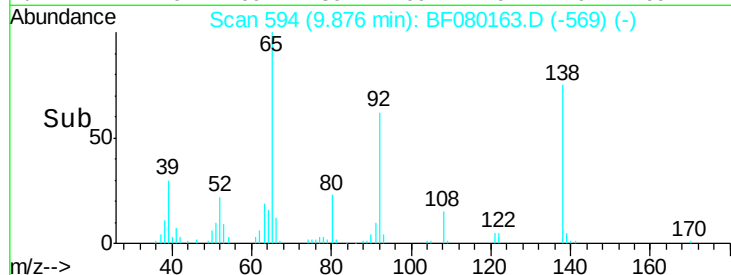
65 100

92 62.1 55.4 83.0

138 74.7 115.5 173.3#

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#48

Acenaphthylene

Concen: 45.20 ng

RT: 10.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

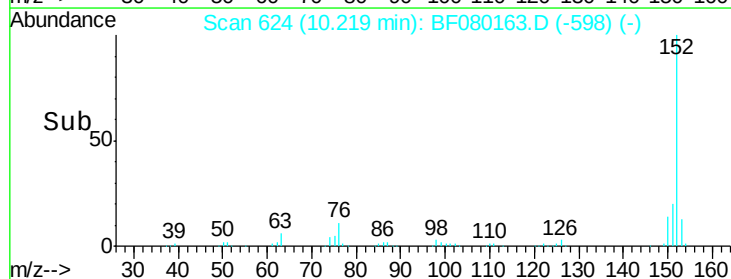
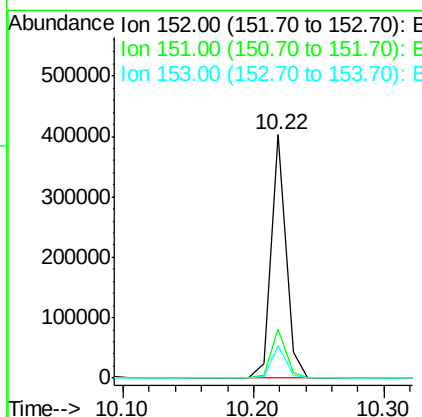
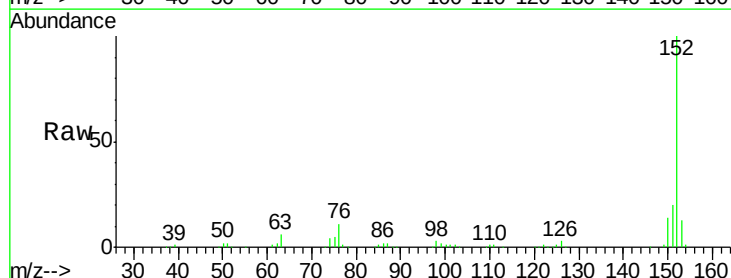
Tgt Ion: 152 Resp: 323274

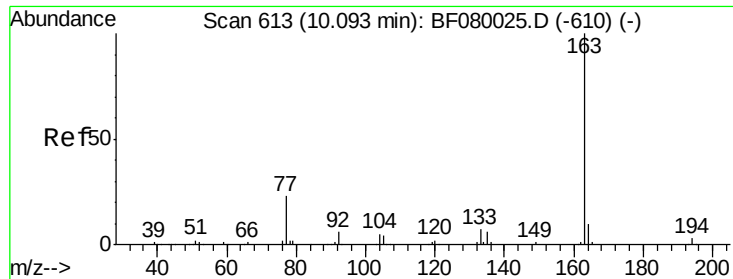
Ion Ratio Lower Upper

152 100

151 20.1 14.6 22.0

153 13.1 10.3 15.5





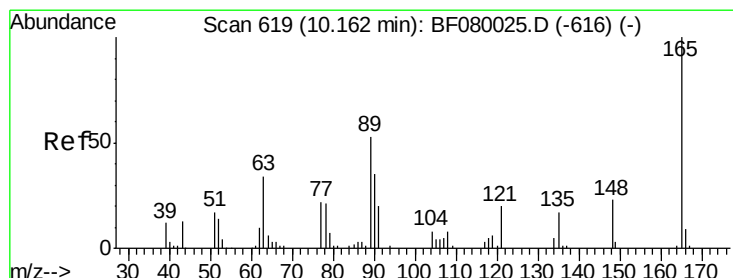
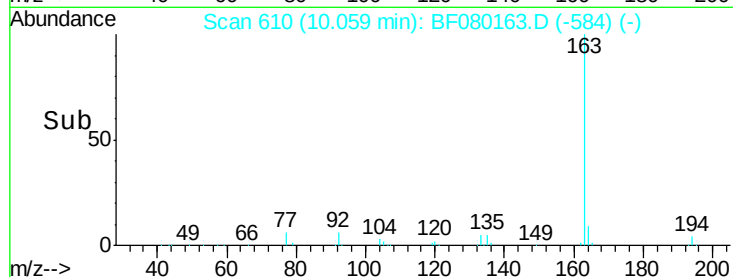
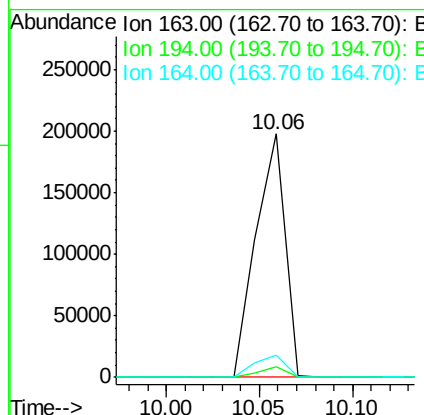
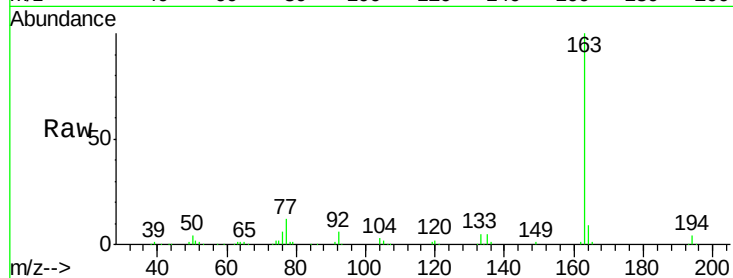
#49
Dimethylphthalate
Concen: 43.63 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.3	4.4	6.6#
164	9.3	8.3	12.5

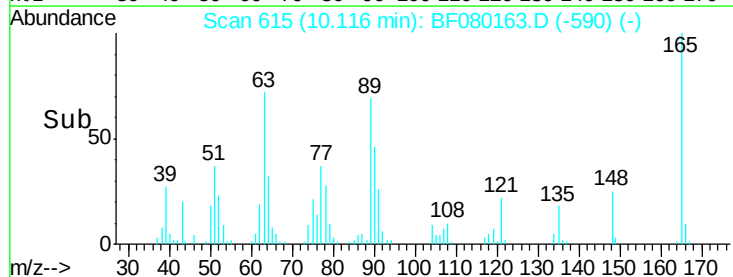
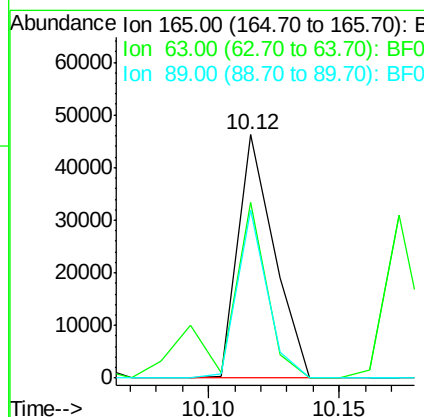
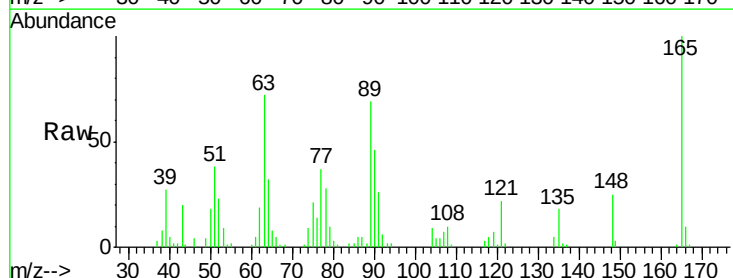
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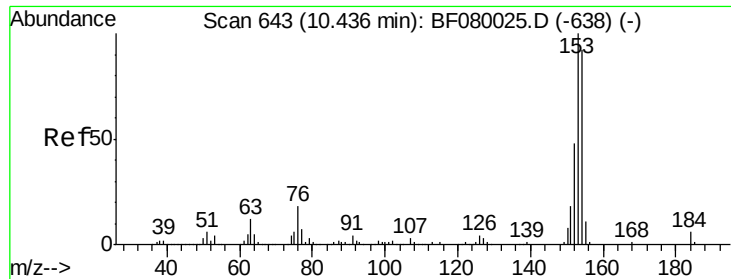
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#50
2,6-Dinitrotoluene
Concen: 46.00 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	72.2	32.3	48.5#
89	69.1	28.6	43.0#





#51

Acenaphthene

Concen: 46.73 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

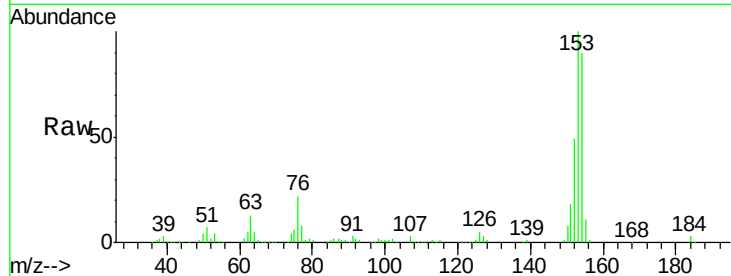
ClientSampleId :

PB84184BS

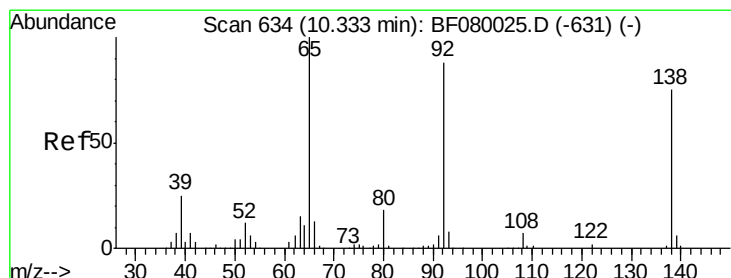
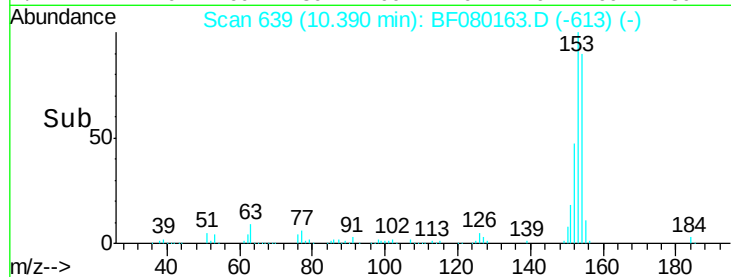
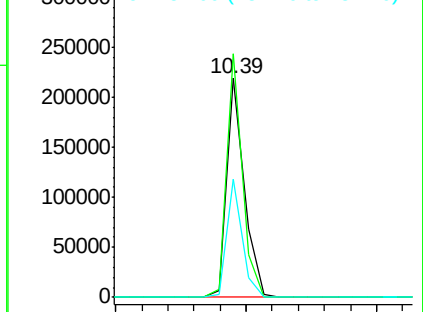
Tgt Ion:	154	Resp:	204462
Ion Ratio	Lower	Upper	
154	100		
153	111.2	82.1	123.1
152	54.2	37.9	56.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.67 ng

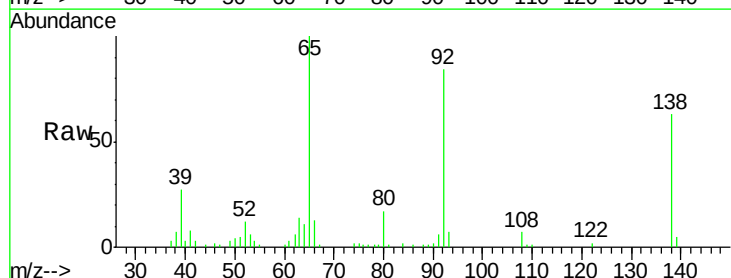
RT: 10.29 min Scan# 630

Delta R.T. -0.01 min

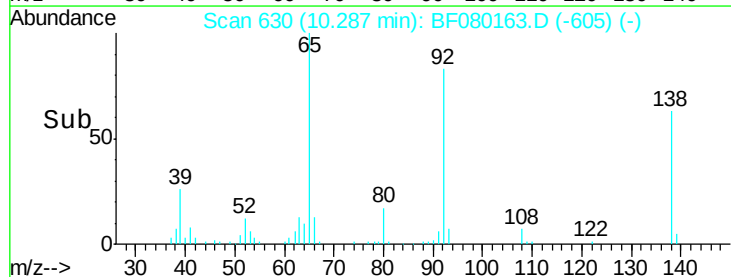
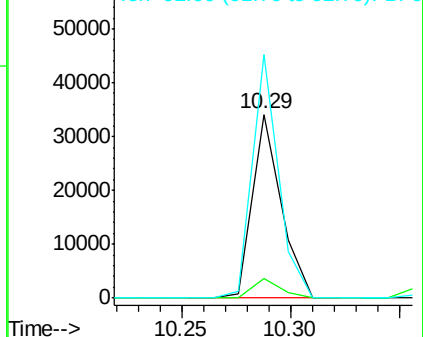
Lab File: BF080163.D

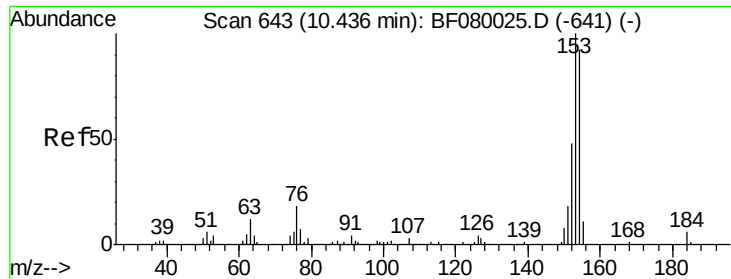
Acq: 25 Jun 2015 13:51

Tgt Ion:	138	Resp:	31236
Ion Ratio	Lower	Upper	
138	100		
108	10.4	5.7	8.5#
92	132.7	67.7	101.5#



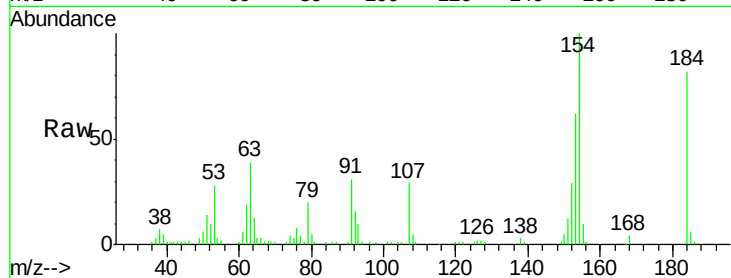
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 118.91 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

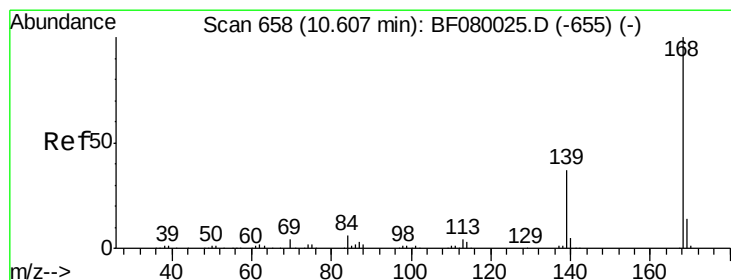
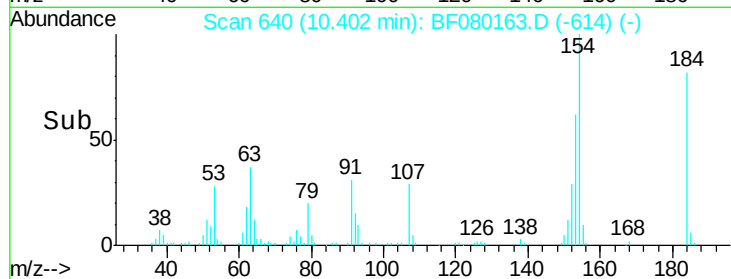
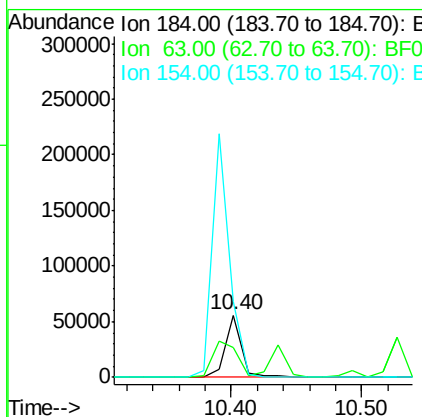
Instrument :
BNA_F
ClientSampled :
PB84184BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	48573		
63	47.5	35.4	53.2	
154	121.8	32.2	48.4#	

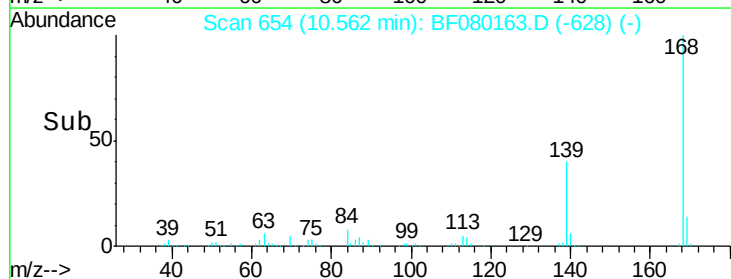
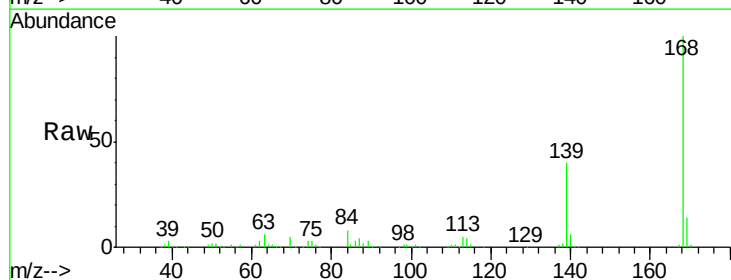
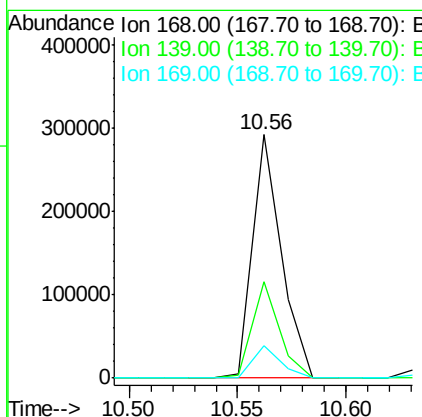
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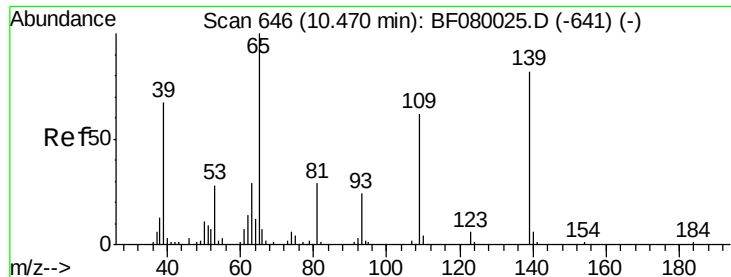
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#54
Dibenzofuran
Concen: 43.42 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	269591		
139	39.6	24.2	36.2#	
169	13.5	10.6	15.8	





#55

4-Nitrophenol

Concen: 94.54 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

PB84184BS

Tgt Ion:139 Resp: 85307
Ion Ratio Lower Upper

139 100

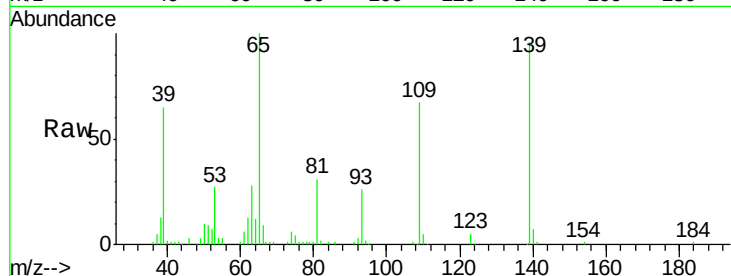
109 69.4 12.7 52.7#

65 103.7 45.9 85.9#

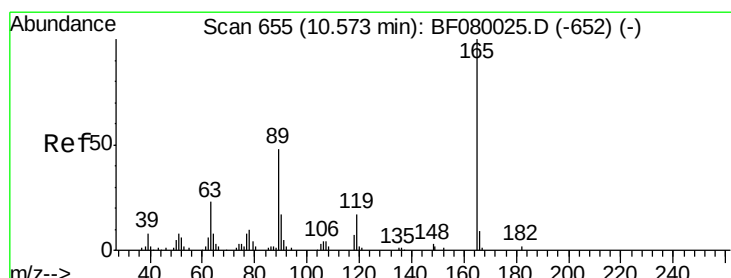
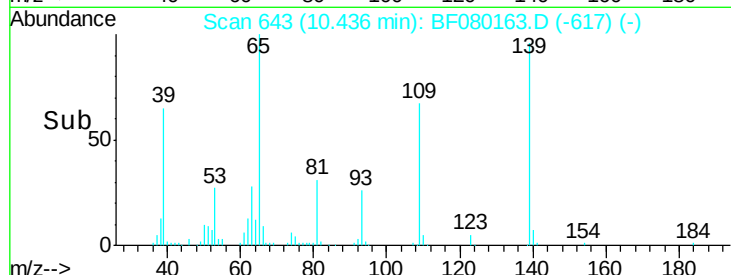
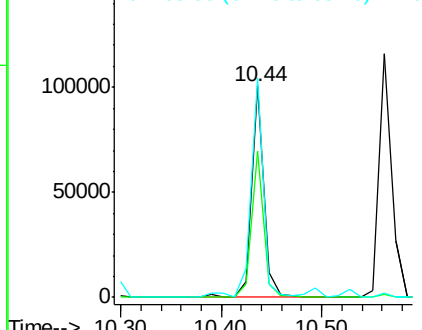
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 54.94 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:165 Resp: 68212
Ion Ratio Lower Upper

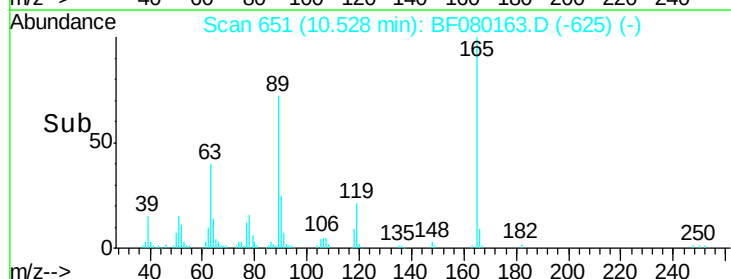
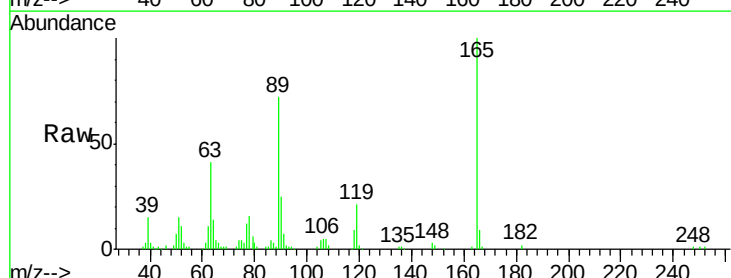
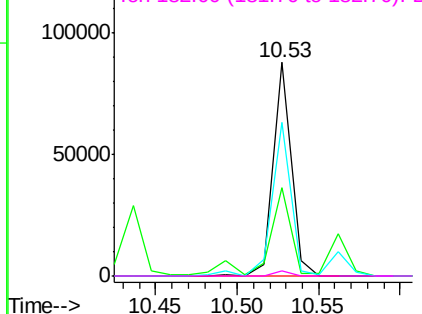
165 100

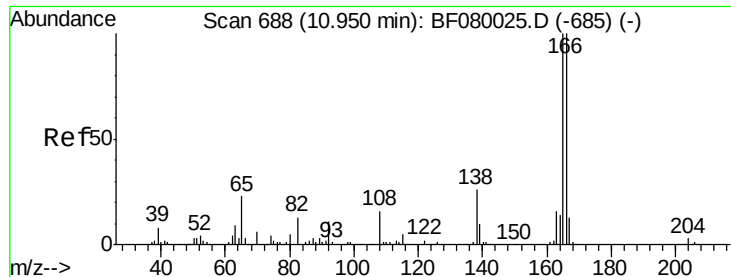
63 41.4 29.8 44.6

89 71.7 44.5 66.7#

182 2.4 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.64 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

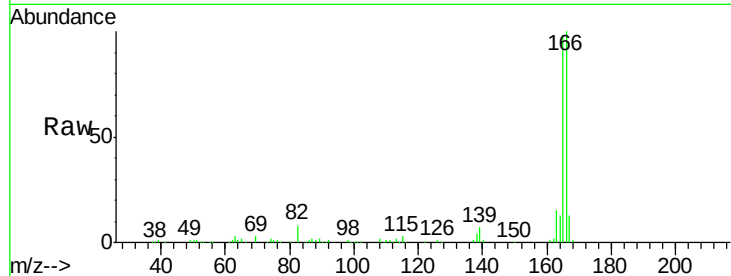
ClientSampleId :

PB84184BS

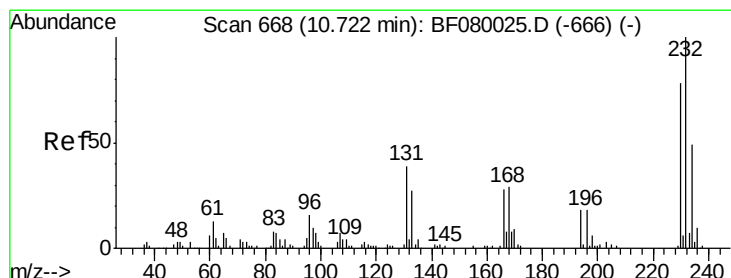
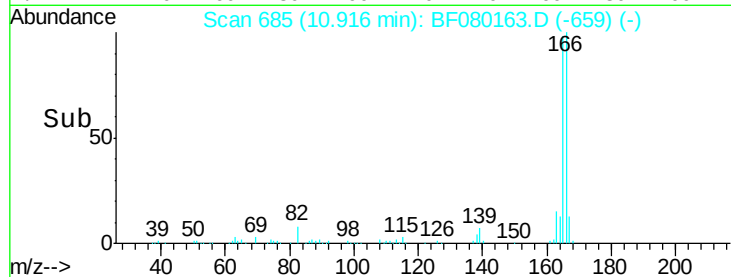
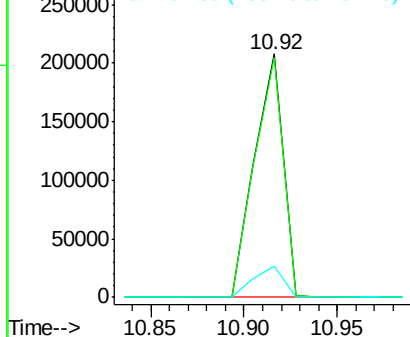
Tgt Ion:	166	Resp:	219945
Ion Ratio	Lower	Upper	
166	100		
165	98.5	72.6	109.0
167	12.7	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.00 ng

RT: 10.68 min Scan# 664

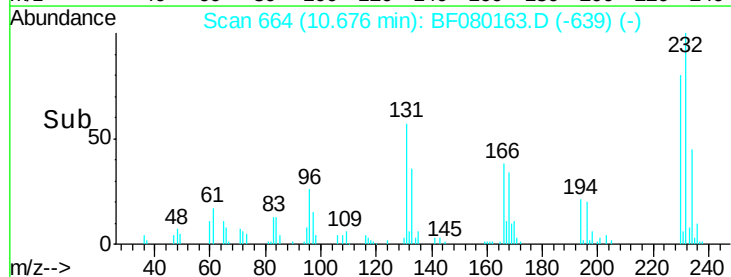
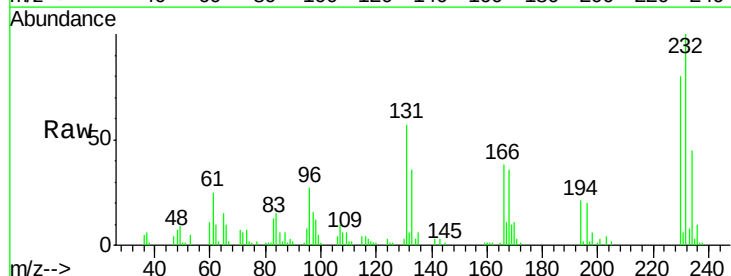
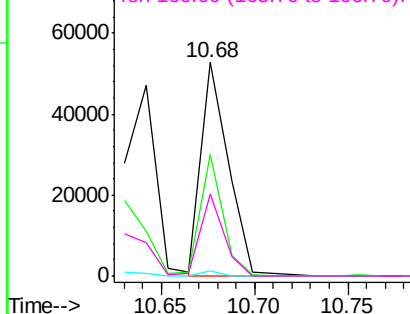
Delta R.T. -0.01 min

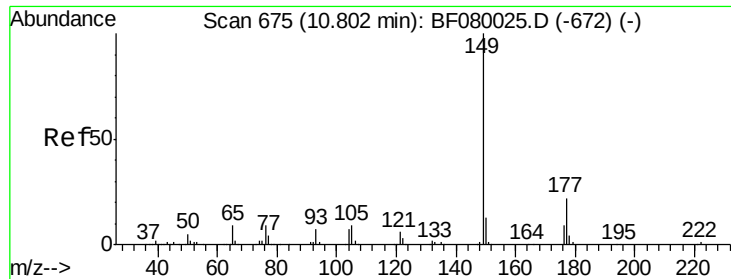
Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	232	Resp:	53753
Ion Ratio	Lower	Upper	
232	100		
131	46.9	38.5	57.7
130	1.8	1.8	2.6
166	32.4	25.0	37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





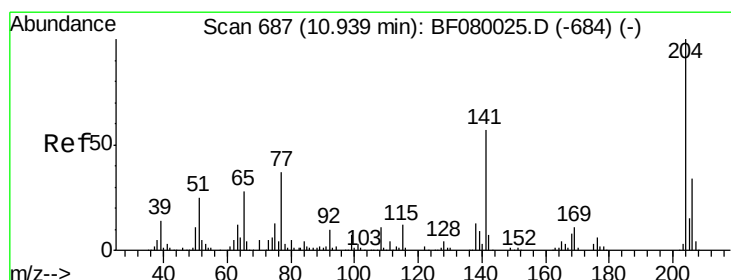
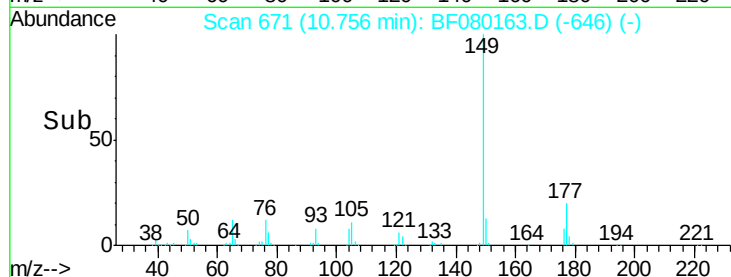
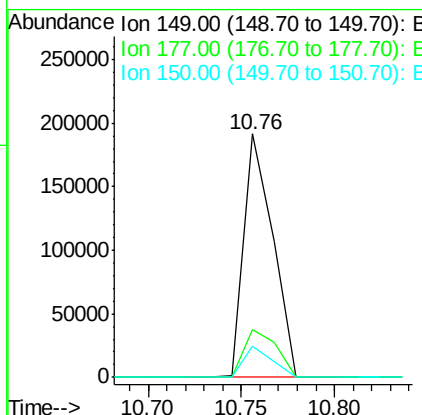
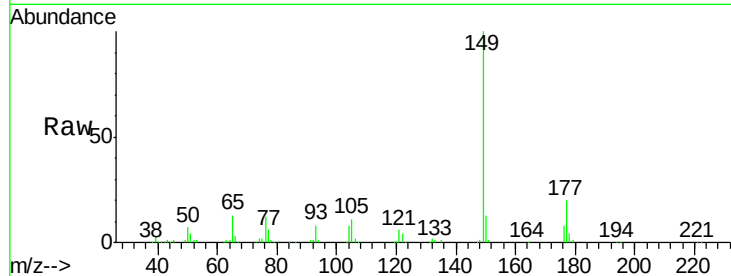
#59
Diethylphthalate
Concen: 41.96 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.6	17.5	26.3
150	13.0	9.4	14.2

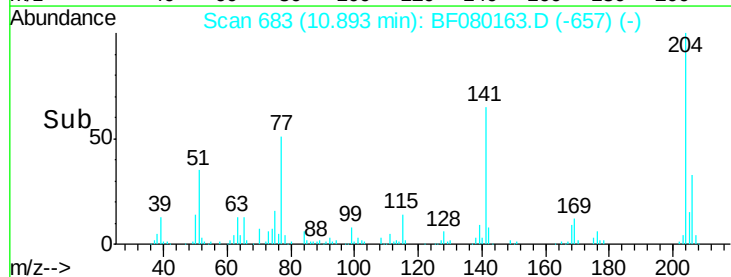
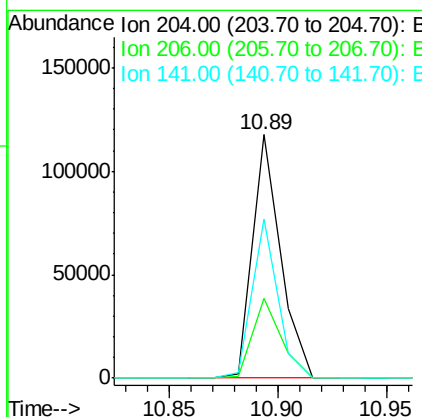
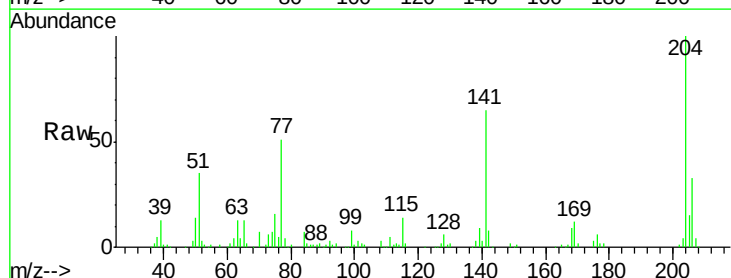
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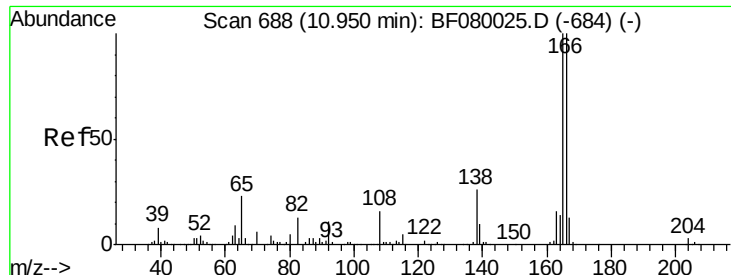
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#60
4-Chlorophenyl-phenylether
Concen: 44.46 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.0	24.8	37.2
141	65.2	42.2	63.4#





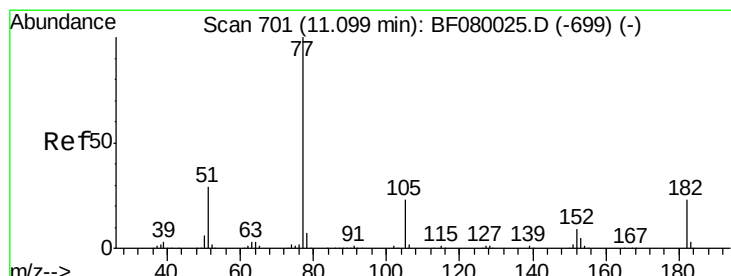
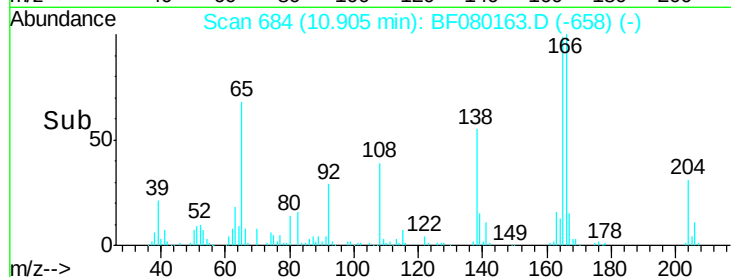
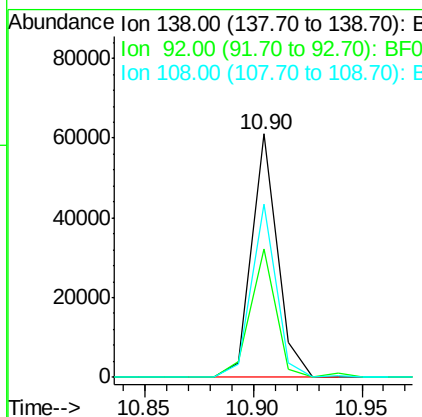
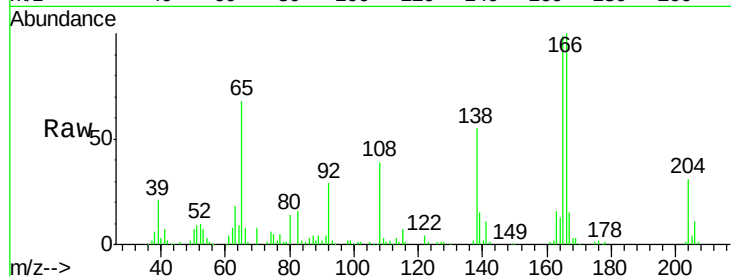
#61
4-Nitroaniline
Concen: 43.33 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	50521		
92	52.6	12.6	52.6	
108	70.9	12.4	52.4#	

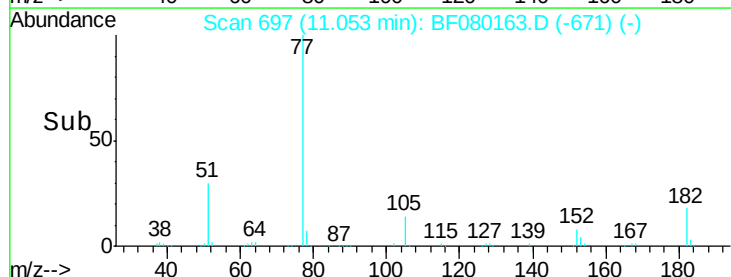
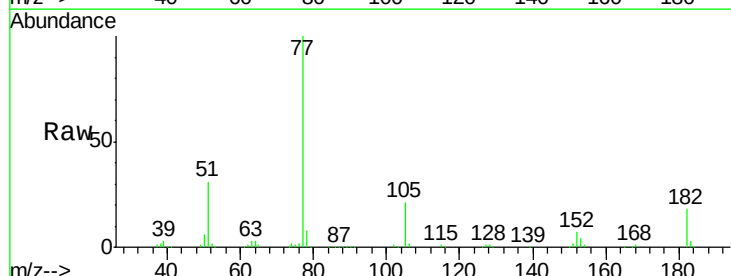
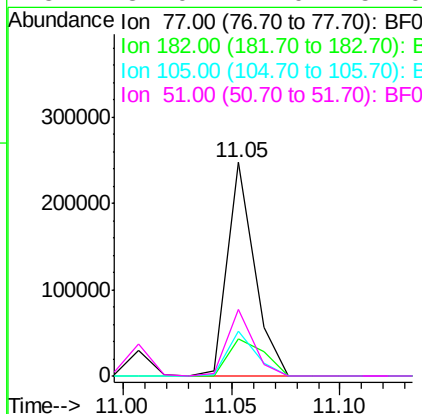
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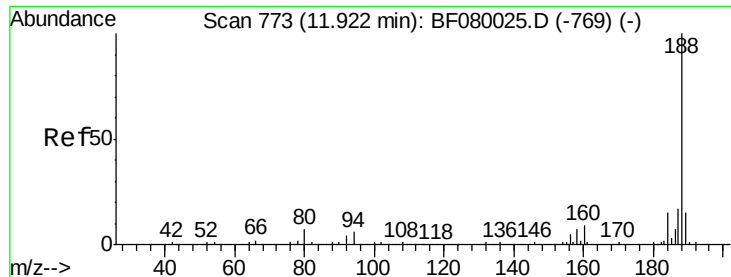
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#62
Azobenzene
Concen: 42.52 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	212709		
182	17.5	15.1	55.1	
105	21.0	3.4	43.4	
51	31.0	12.0	52.0	





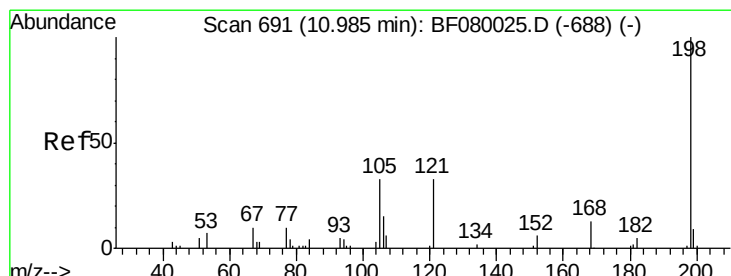
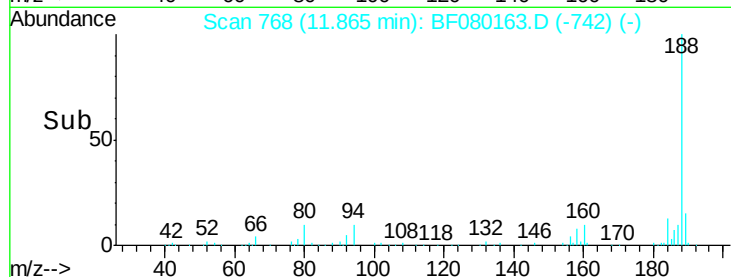
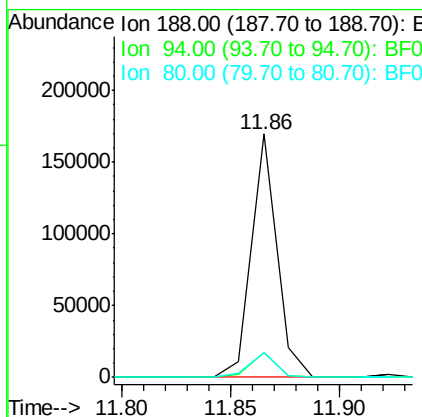
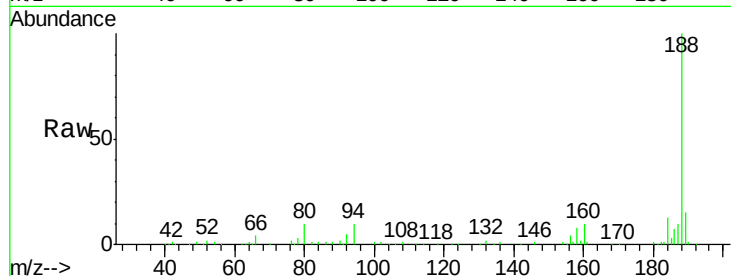
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	11.1	16.7#
80	10.3	11.0	16.4#

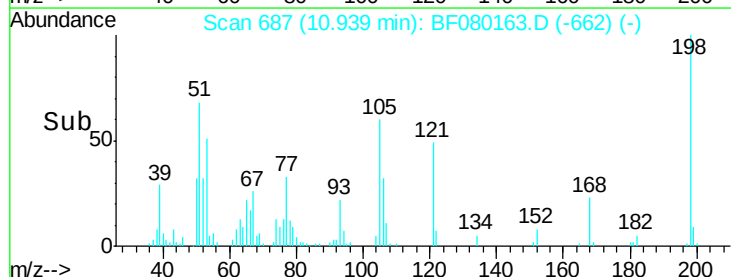
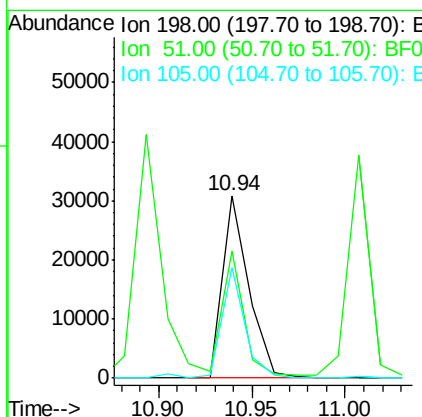
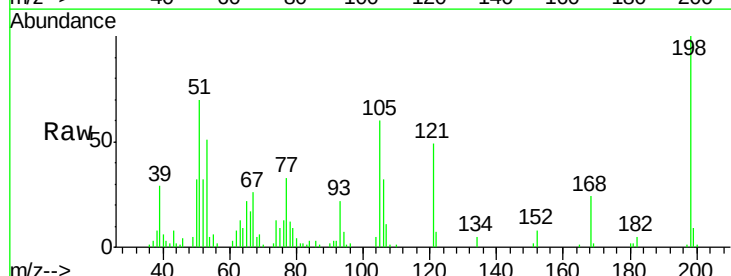
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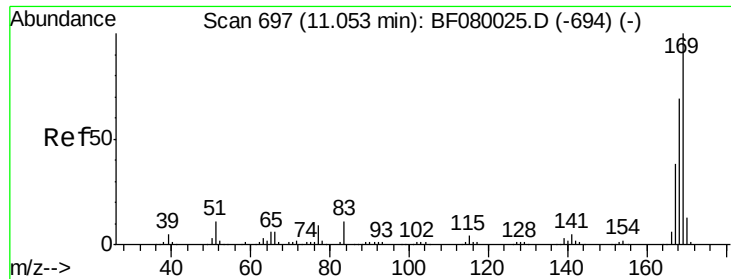
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.70 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.6	39.6	79.6
105	60.4	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 11.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF080163.D

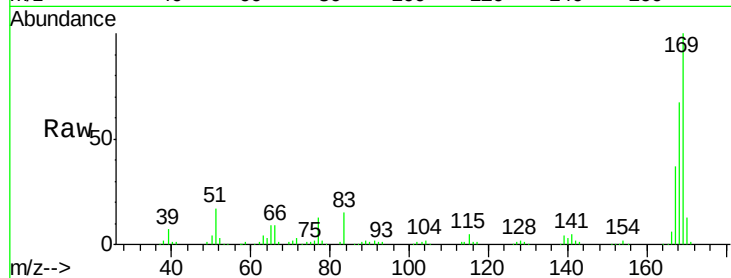
Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

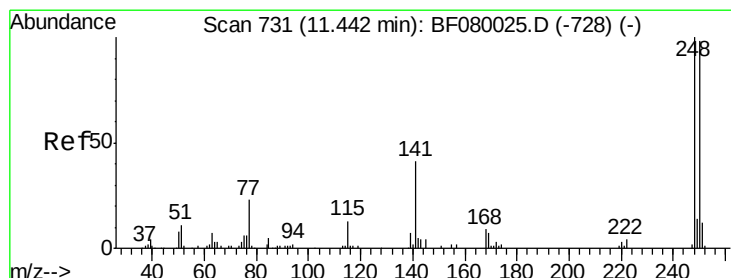
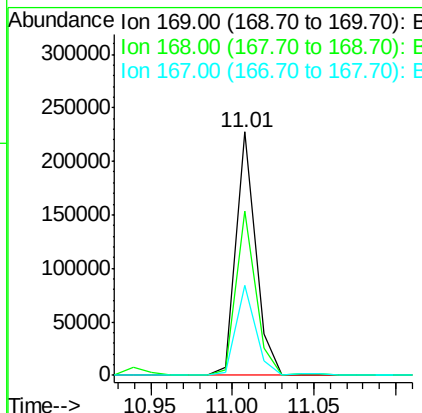
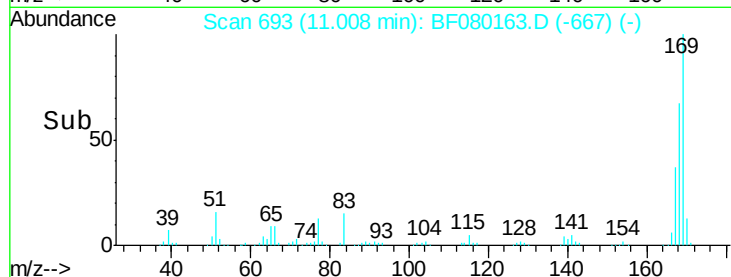
PB84184BS



Tgt Ion:	169	Resp:	187928
Ion Ratio	Lower	Upper	
169	100		
168	67.2	48.9	73.3
167	37.0	26.2	39.4

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#66

4-Bromophenyl-phenylether

Concen: 43.37 ng

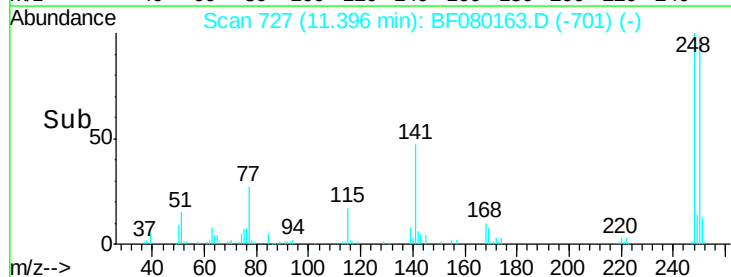
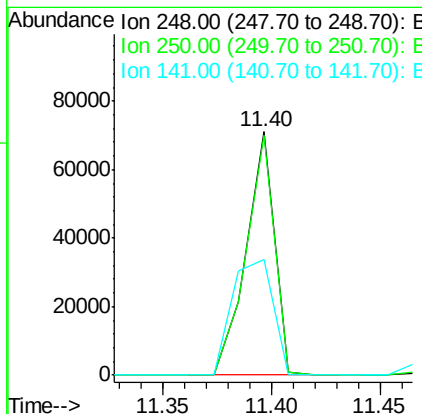
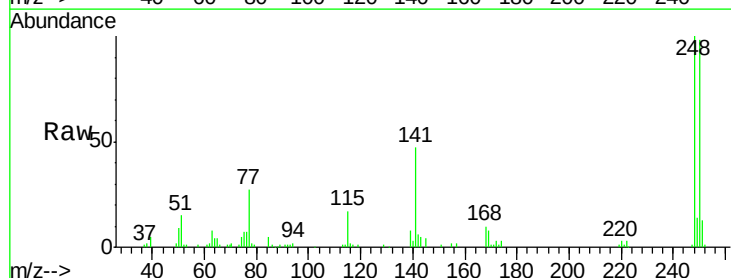
RT: 11.40 min Scan# 727

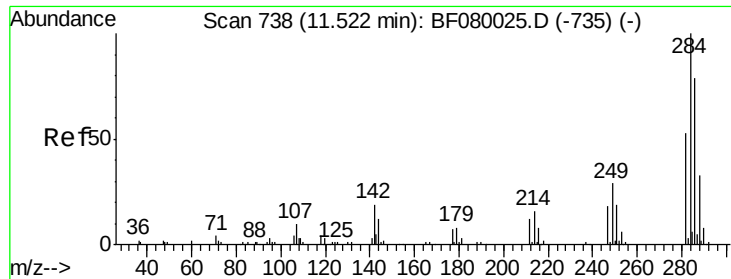
Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	248	Resp:	64013
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.5	117.7
141	47.3	59.0	88.6#





#67

Hexachlorobenzene

Concen: 43.01 ng

RT: 11.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

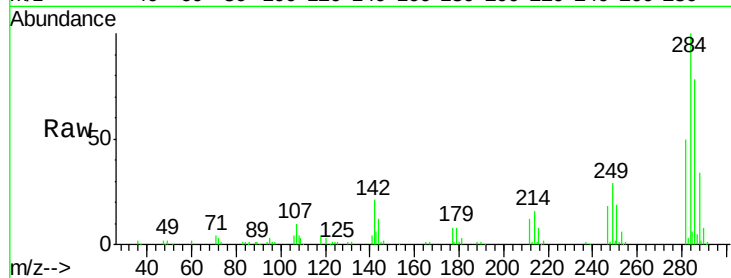
ClientSampleId :

PB84184BS

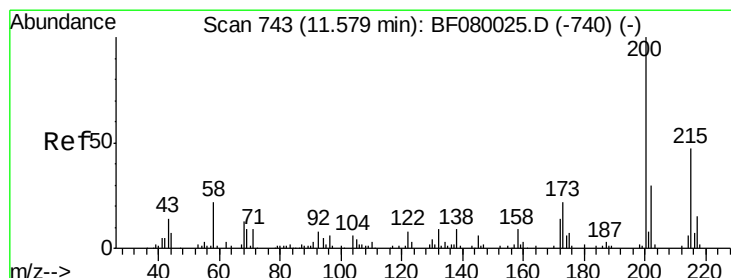
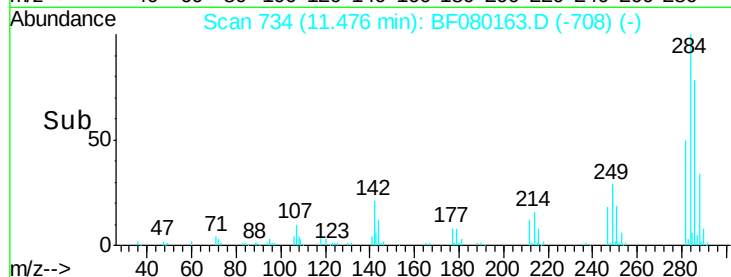
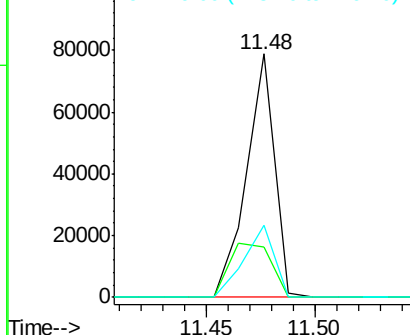
Tgt Ion:	284	Resp:	70543
Ion Ratio	Lower	Upper	
284	100		
142	20.6	29.5	44.3#
249	29.4	19.5	29.3#

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



#68

Atrazine

Concen: 46.01 ng

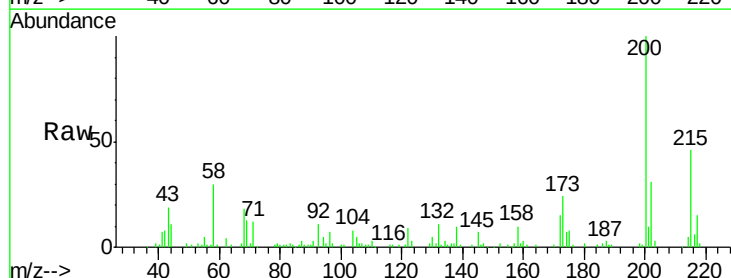
RT: 11.53 min Scan# 739

Delta R.T. -0.00 min

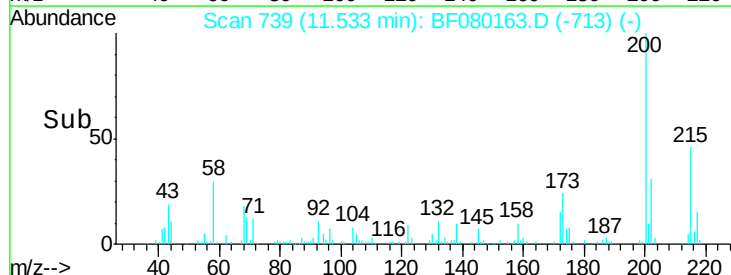
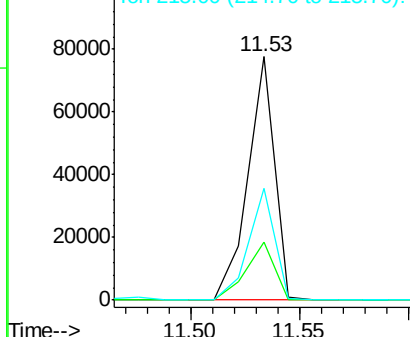
Lab File: BF080163.D

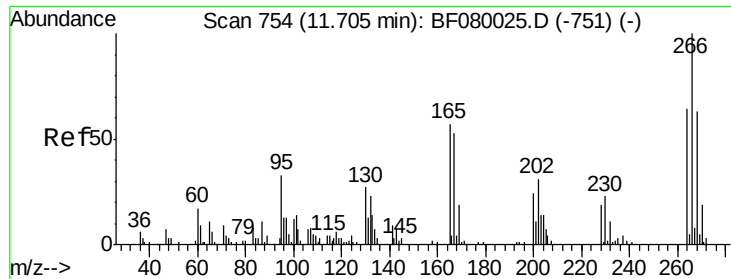
Acq: 25 Jun 2015 13:51

Tgt Ion:	200	Resp:	65696
Ion Ratio	Lower	Upper	
200	100		
173	23.8	13.2	53.2
215	46.1	41.8	81.8



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





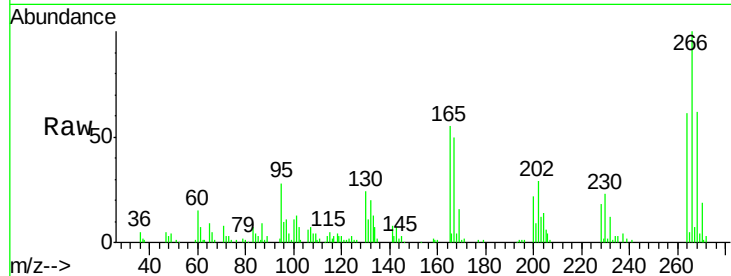
#69
 Pentachlorophenol
 Concen: 80.47 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

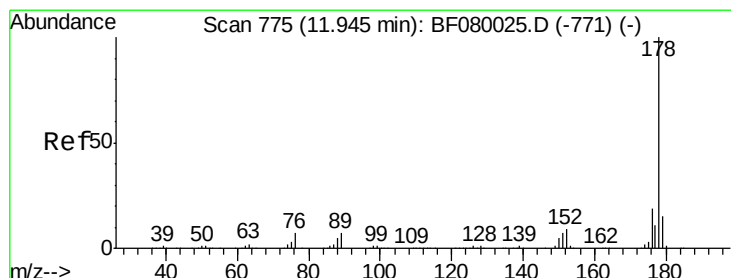
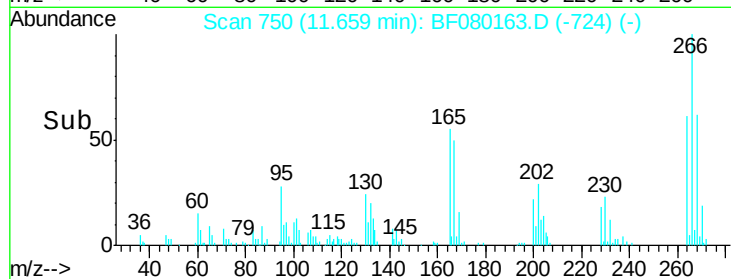
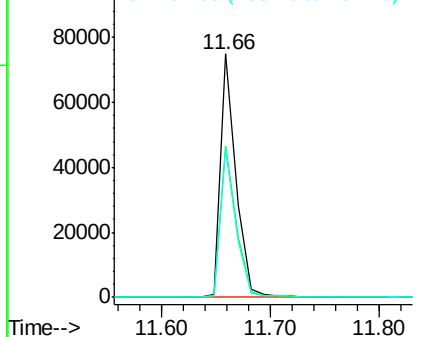
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	74798		
268	62.3	49.8	74.6	
264	61.2	50.2	75.2	

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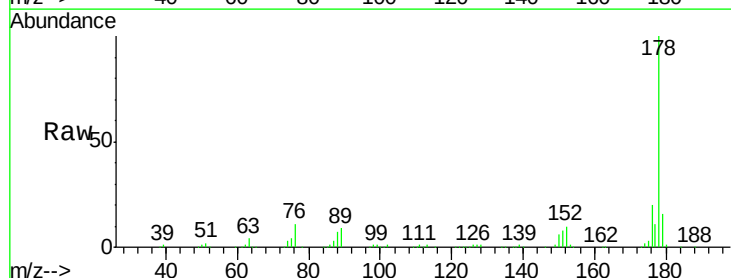


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

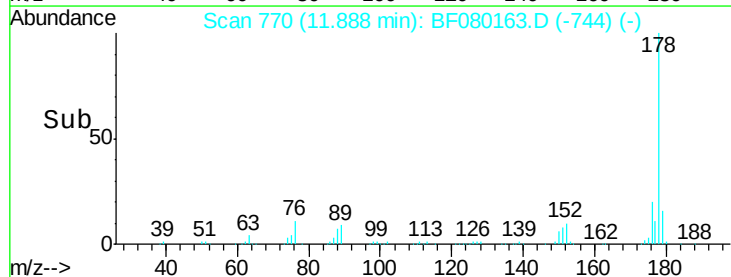
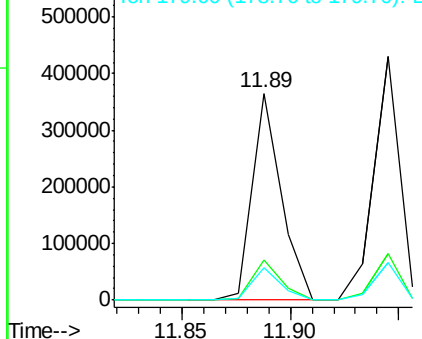


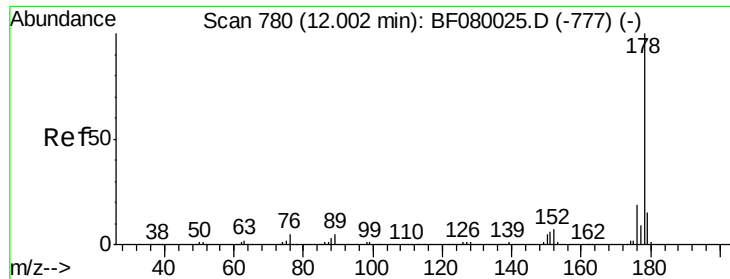
#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	338480		
176	19.6	13.8	20.8	
179	15.7	12.2	18.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





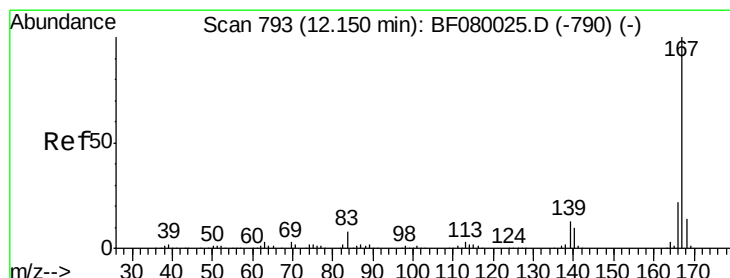
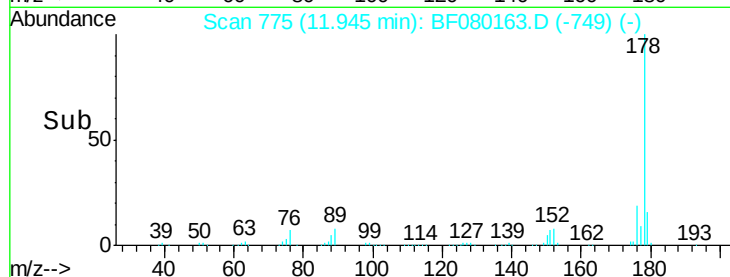
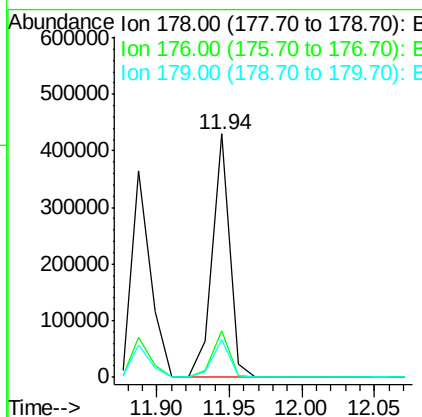
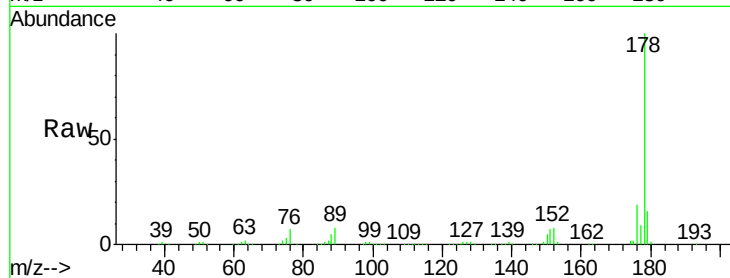
#71
 Anthracene
 Concen: 44.08 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.1	21.1
179	15.6	12.2	18.2

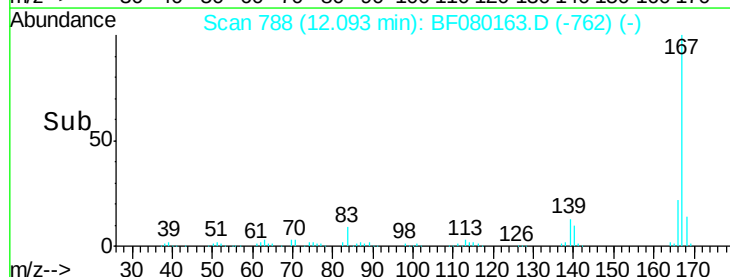
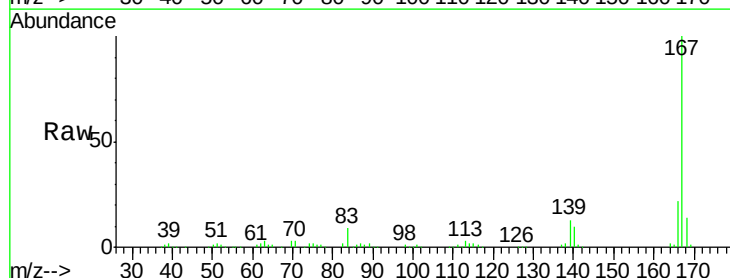
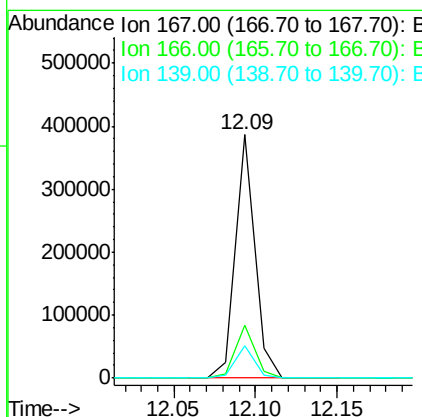
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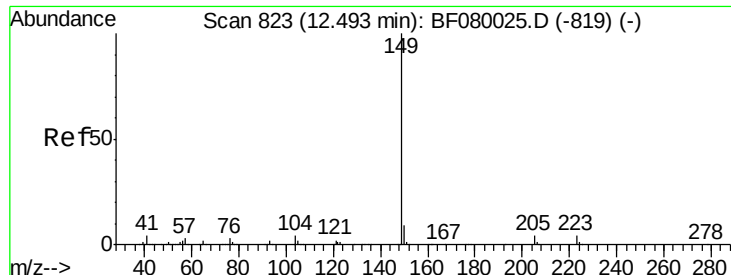
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#72
 Carbazole
 Concen: 40.85 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	15.7	23.5
139	13.2	9.5	14.3





#73

Di-n-butylphthalate

Concen: 41.91 ng

RT: 12.42 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

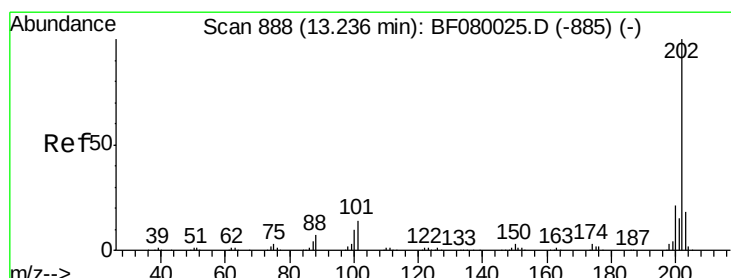
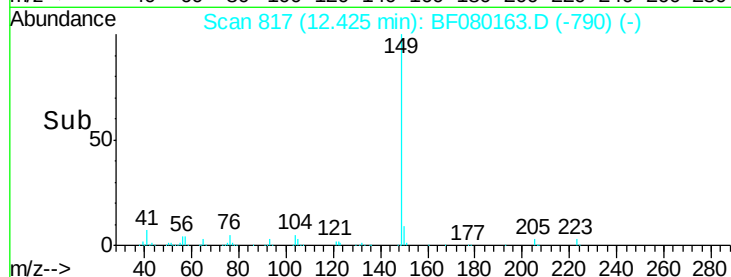
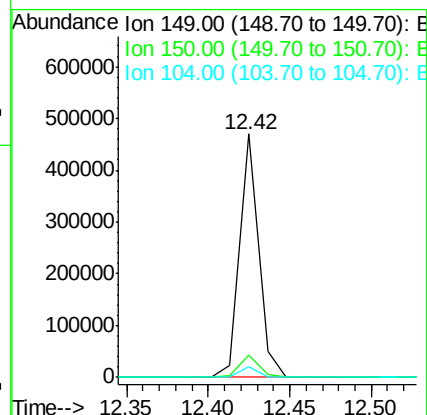
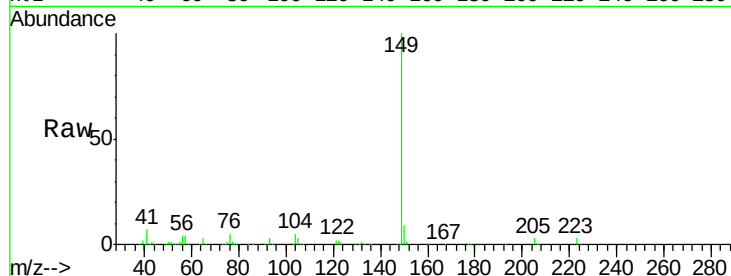
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Tgt	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.3	7.4	11.2		
104	4.6	2.4	3.6		



#74

Fluoranthene

Concen: 41.51 ng

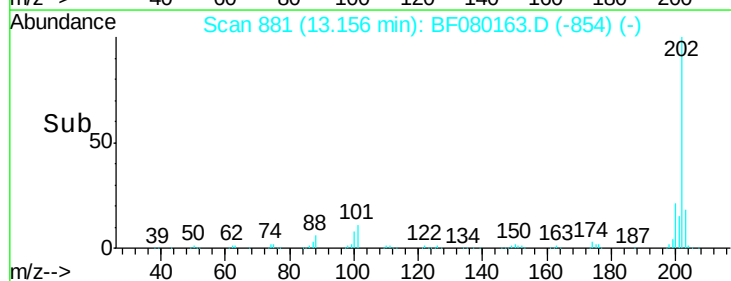
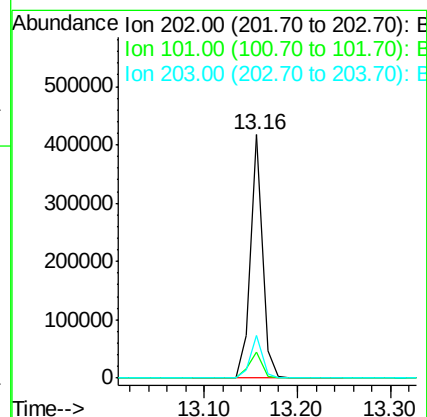
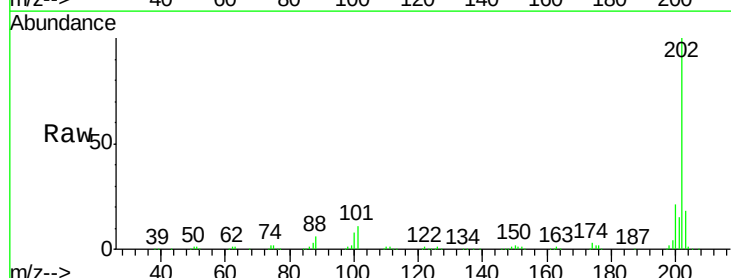
RT: 13.16 min Scan# 881

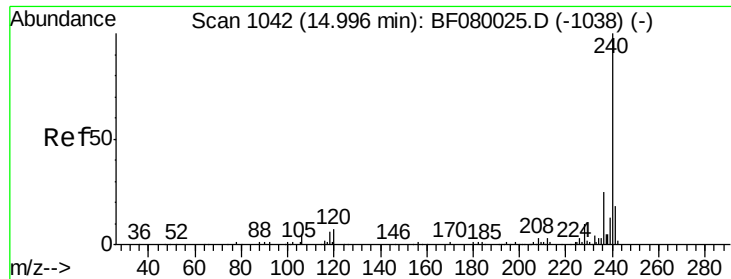
Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.8	0.0	38.3		
203	17.7	0.0	37.3		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.85 min Scan# 1029

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

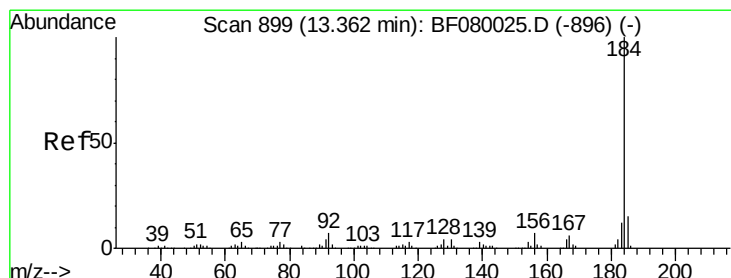
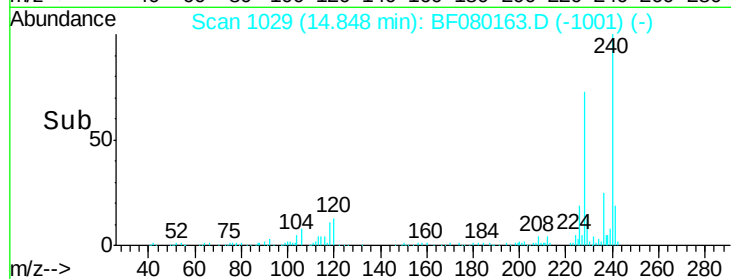
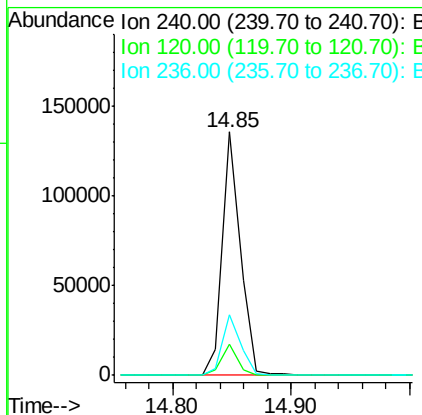
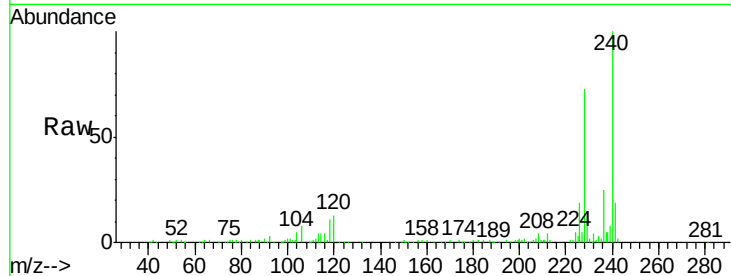
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	143305		
120	12.9	16.2	24.2#	
236	25.0	18.4	27.6	

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#76

Benzidine

Concen: 53.79 ng

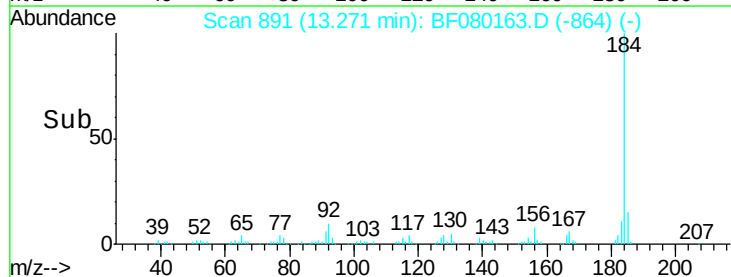
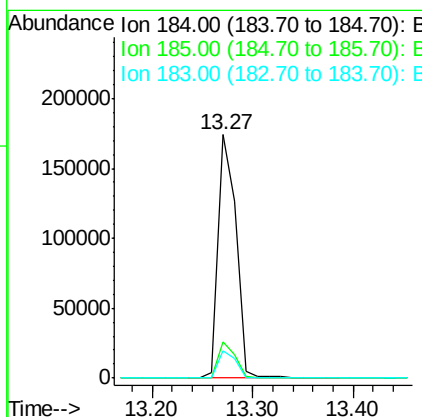
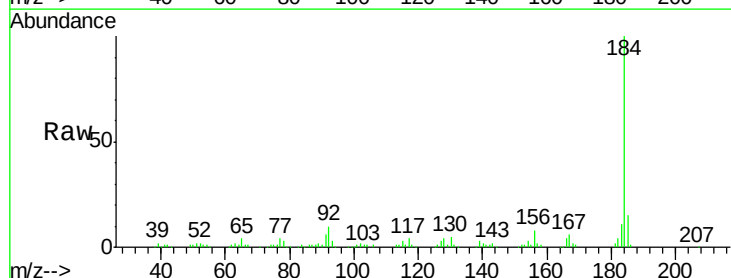
RT: 13.27 min Scan# 891

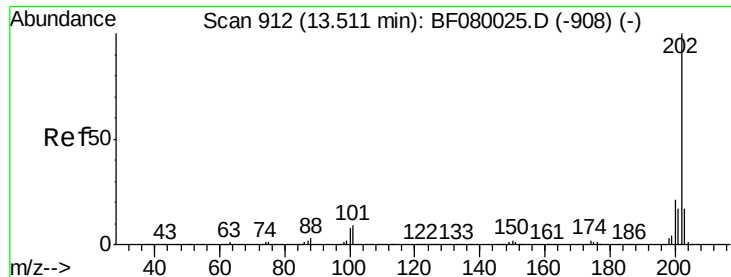
Delta R.T. 0.01 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	215486		
185	14.9	11.8	17.6	
183	11.3	7.6	11.4	





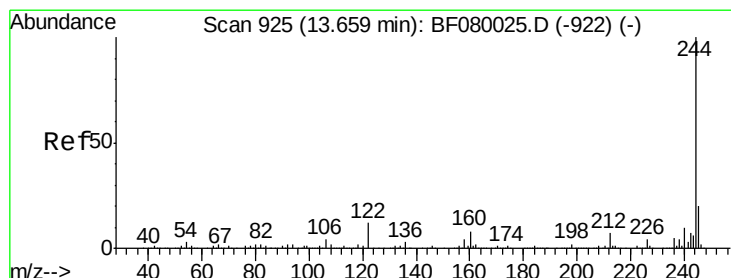
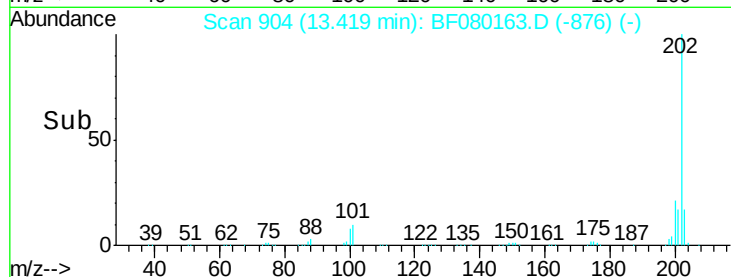
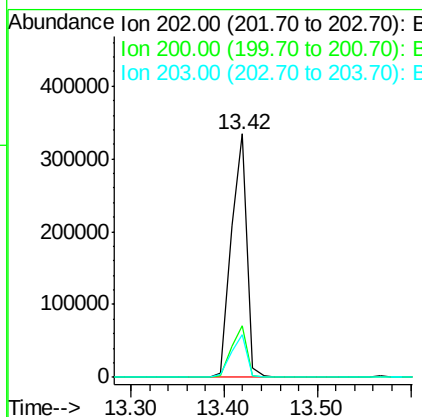
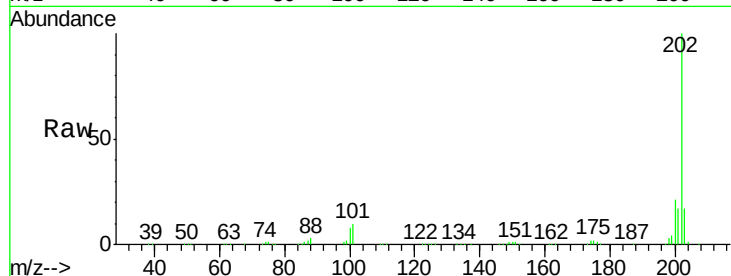
#77
 Pyrene
 Concen: 43.98 ng
 RT: 13.42 min Scan# 904
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.2	15.0	22.4
203	17.3	14.1	21.1

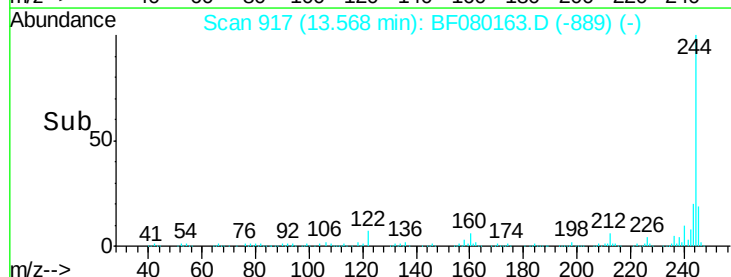
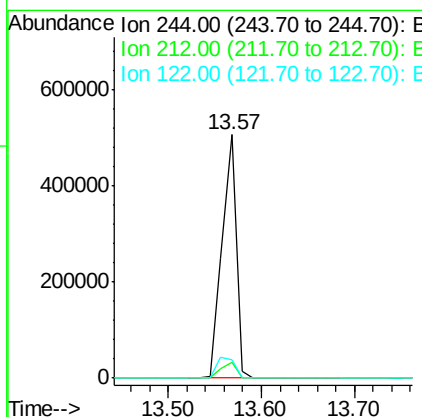
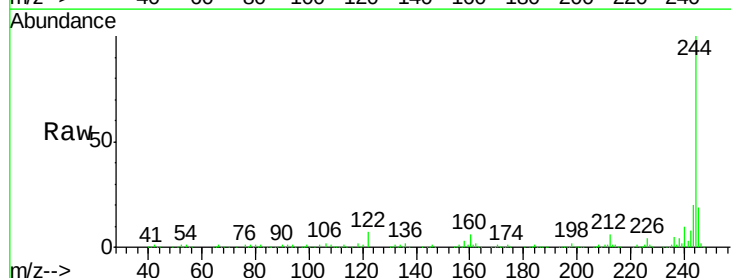
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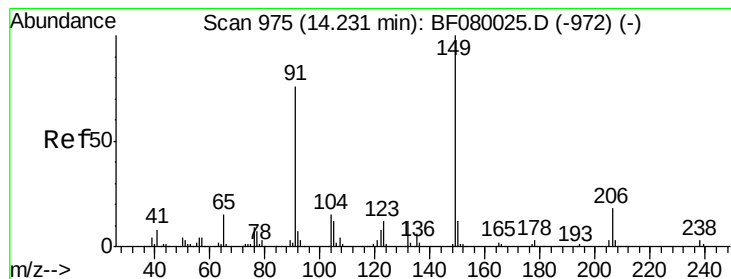
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#78
 Terphenyl-d14
 Concen: 87.55 ng
 RT: 13.57 min Scan# 917
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.5	4.3	6.5#
122	7.5	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 46.77 ng

RT: 14.12 min Scan# 965

Delta R.T. 0.02 min

Lab File: BF080163.D

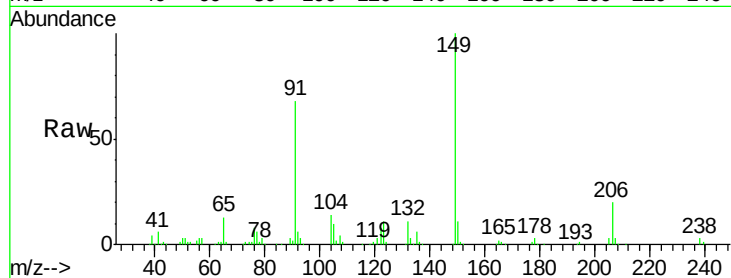
Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

ClientSampleId :

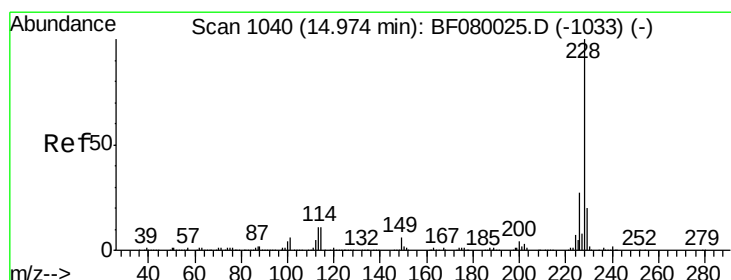
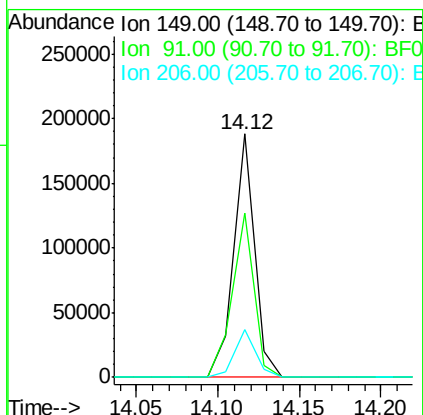
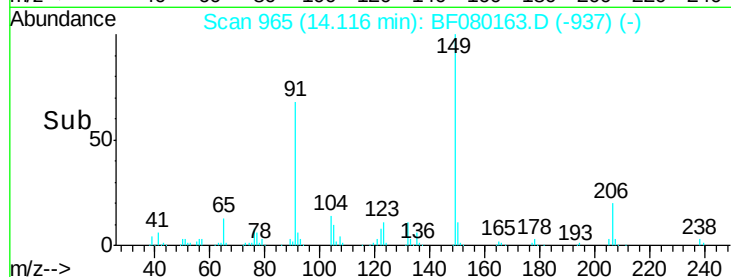
PB84184BS



Tgt Ion:	149	Resp:	165731
Ion Ratio	Lower	Upper	
149	100		
91	67.6	48.6	72.8
206	19.7	14.9	22.3

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#80

Benzo(a)anthracene

Concen: 42.77 ng

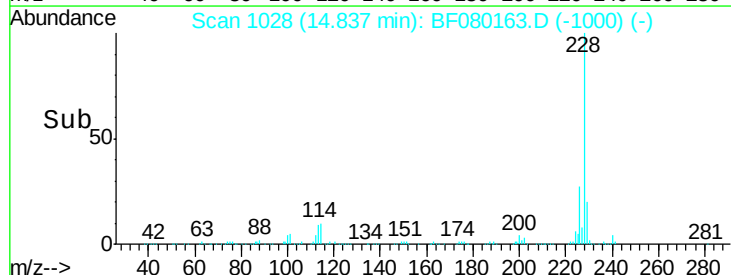
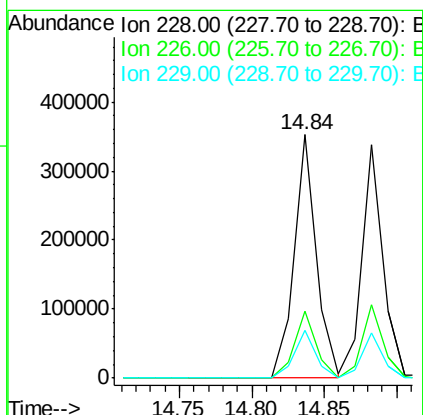
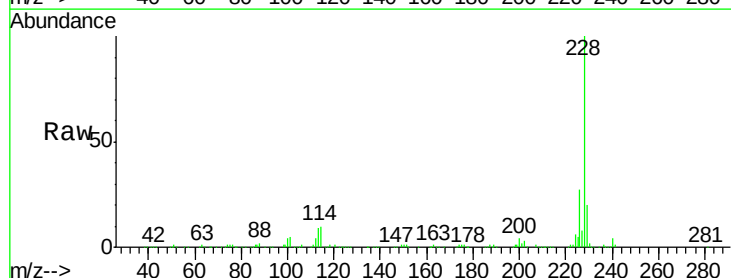
RT: 14.84 min Scan# 1028

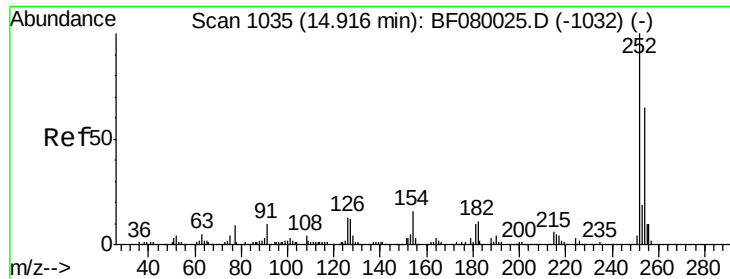
Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	228	Resp:	373359
Ion Ratio	Lower	Upper	
228	100		
226	27.4	20.0	30.0
229	19.6	15.4	23.2





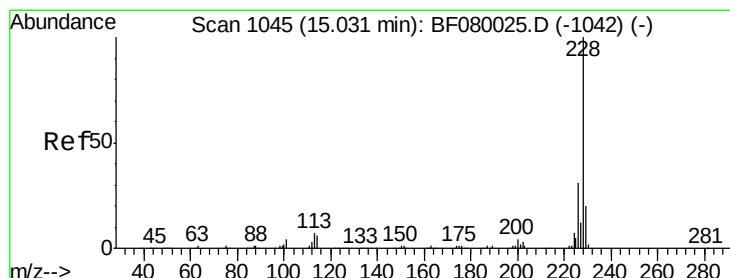
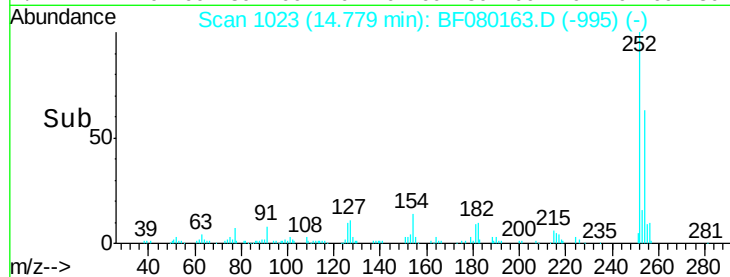
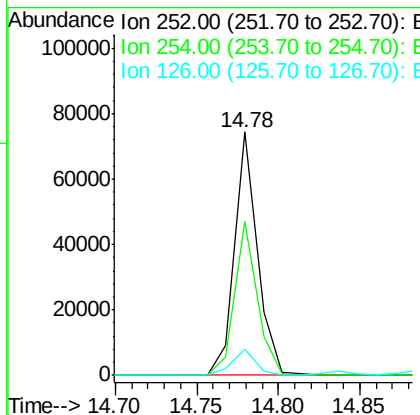
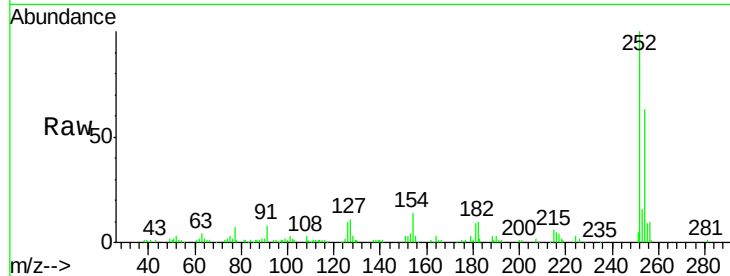
#81
 3,3'-Dichlorobenzidine
 Concen: 23.70 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampled :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.4	77.2
126	10.4	16.4	24.6

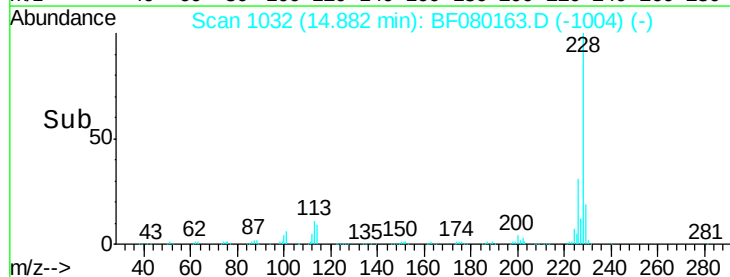
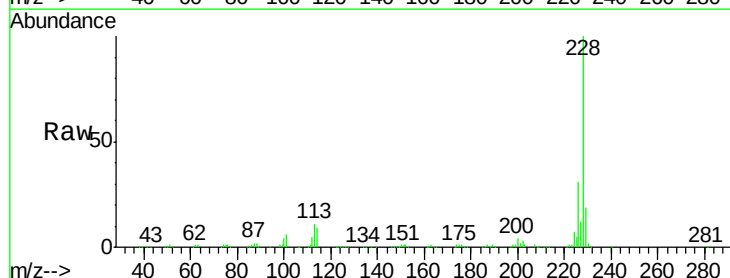
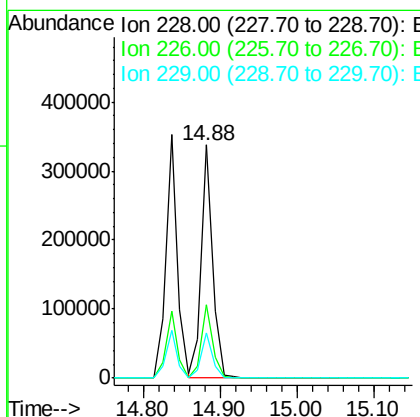
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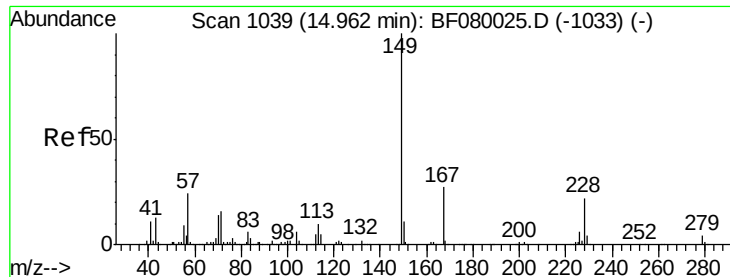
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#82
 Chrysene
 Concen: 43.18 ng
 RT: 14.88 min Scan# 1032
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.05 ng

RT: 14.81 min Scan# 1026

Delta R.T. 0.02 min

Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Instrument :

BNA_F

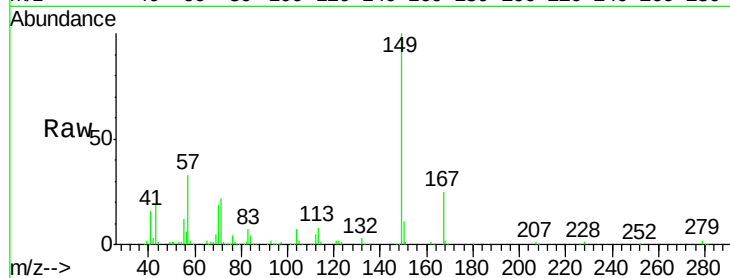
ClientSampleId :

PB84184BS

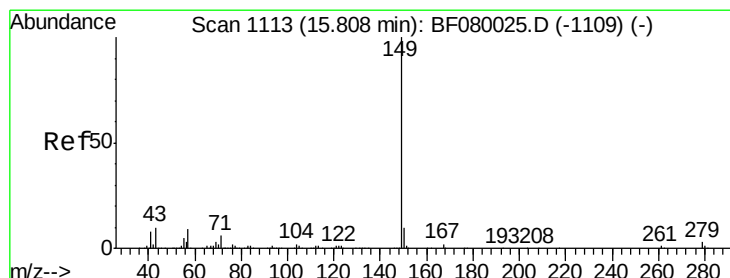
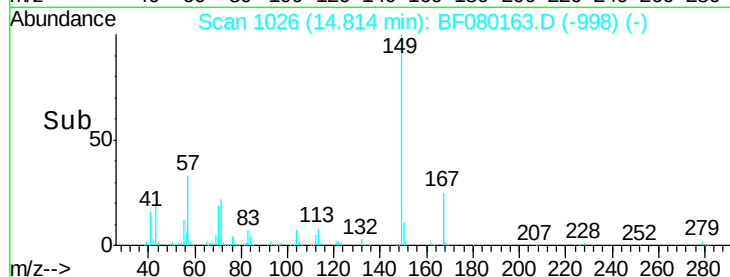
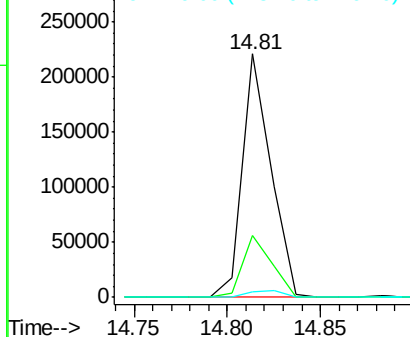
Tgt Ion:	149	Resp:	235449
Ion Ratio	Lower	Upper	
149	100		
167	25.2	24.2	36.2
279	2.3	3.8	5.6#

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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: 42.68 ng

RT: 15.64 min Scan# 1098

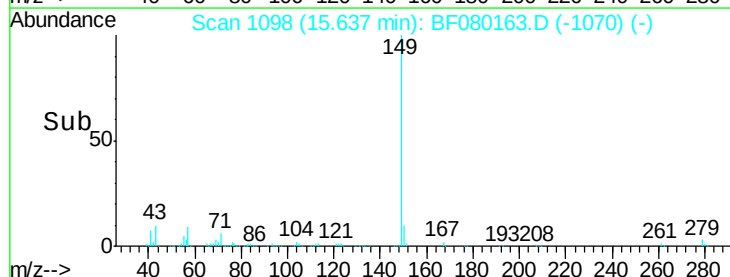
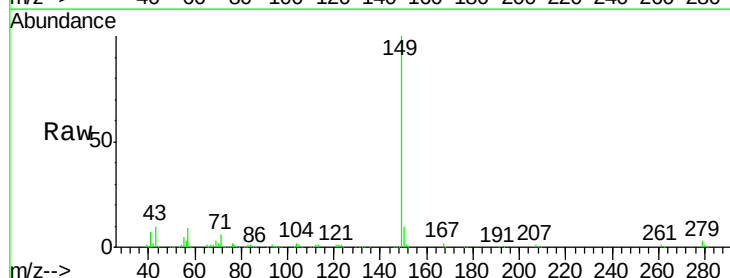
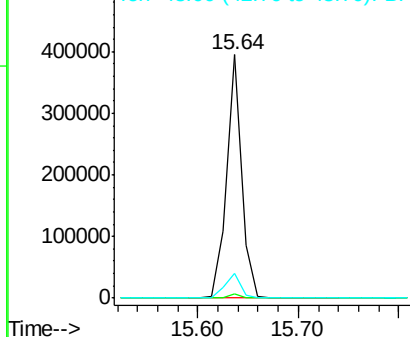
Delta R.T. 0.02 min

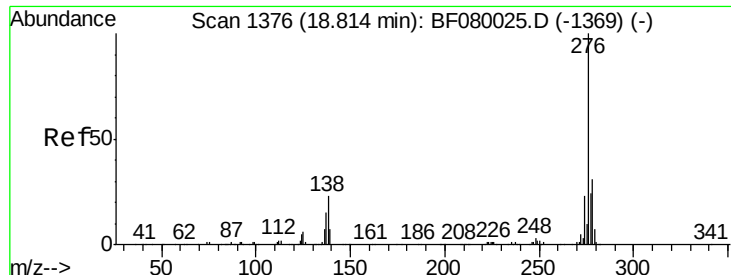
Lab File: BF080163.D

Acq: 25 Jun 2015 13:51

Tgt Ion:	149	Resp:	409551
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	10.6	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





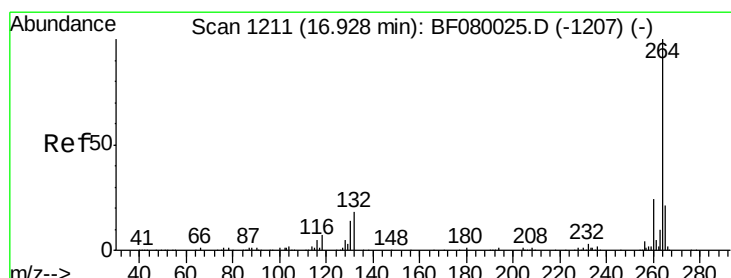
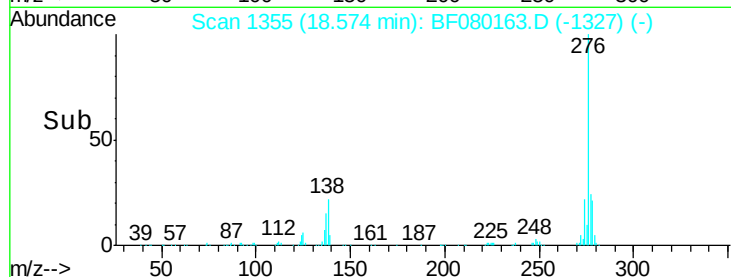
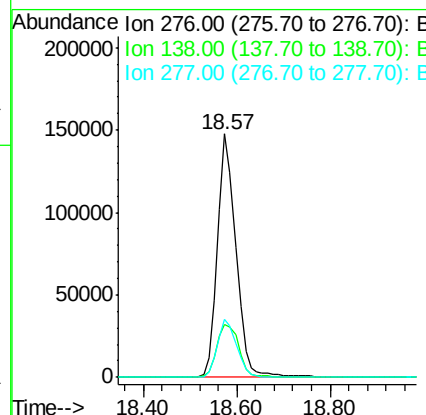
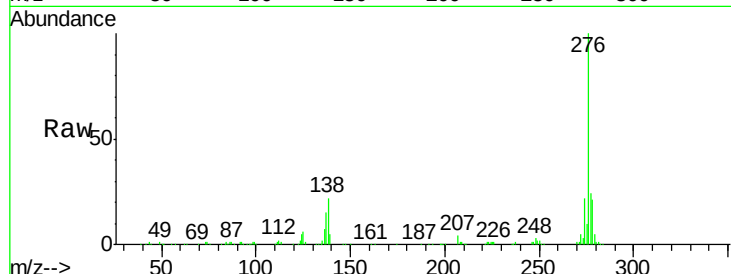
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.52 ng
 RT: 18.57 min Scan# 1355
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.8	25.7	38.5
277	24.6	15.6	23.4

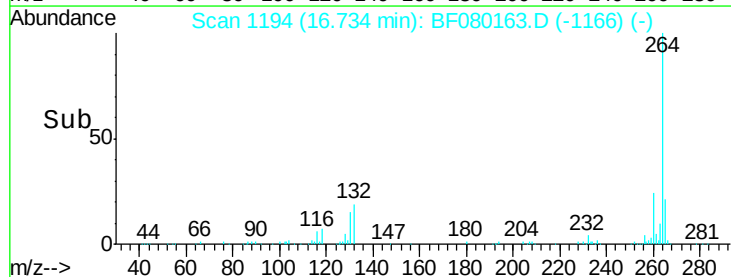
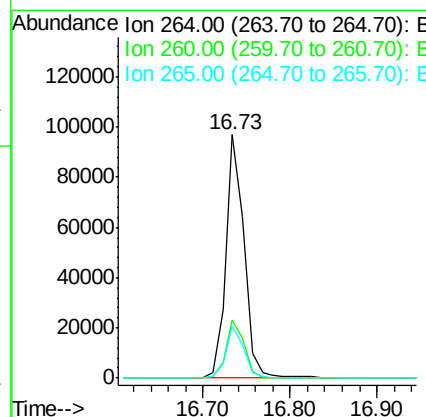
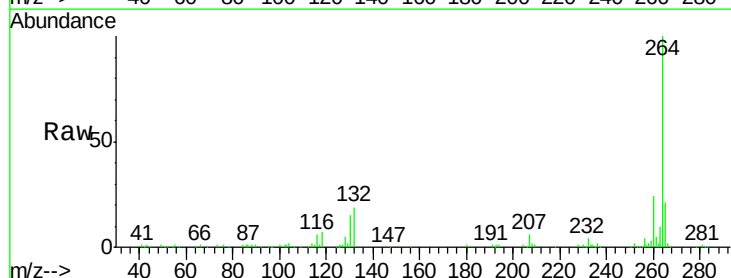
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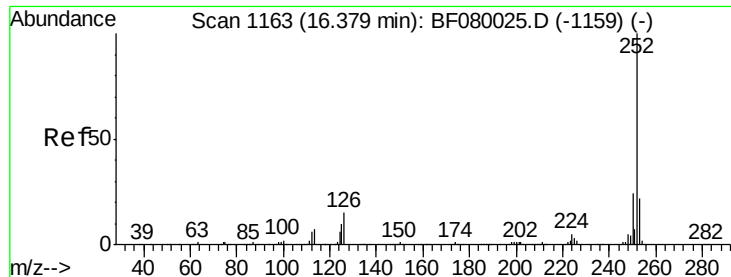
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.73 min Scan# 1194
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.2	17.2	25.8





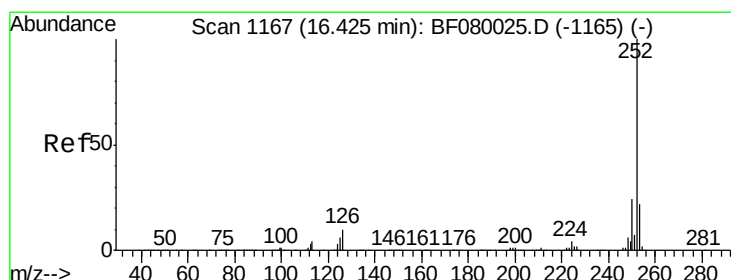
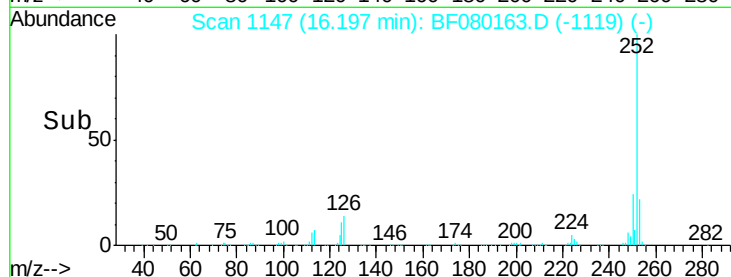
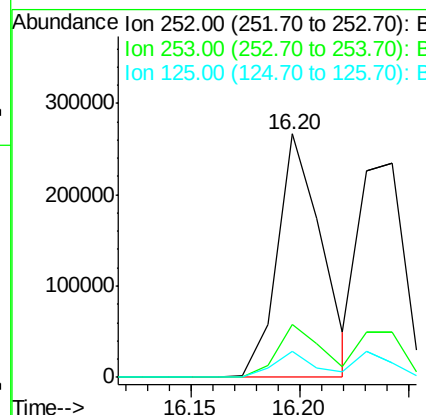
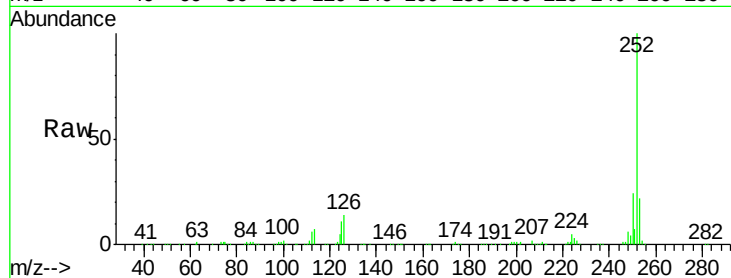
#87
Benzo(b)fluoranthene
Concen: 44.14 ng
RT: 16.20 min Scan# 1147
Delta R.T. 0.02 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.6	17.1	25.7#

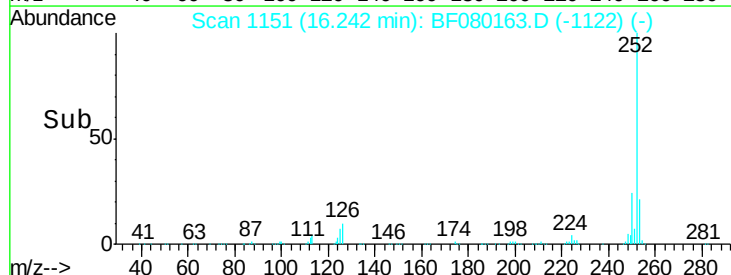
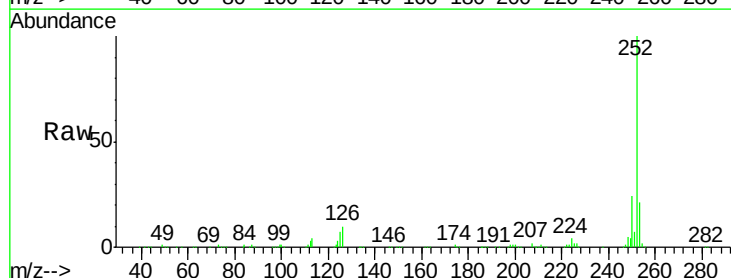
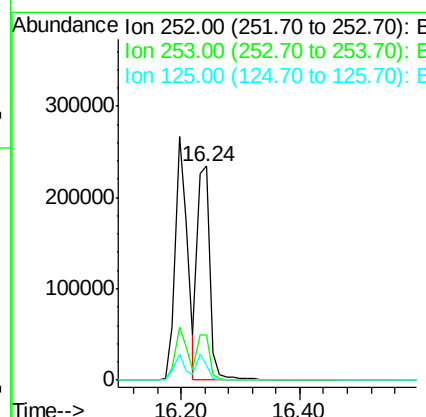
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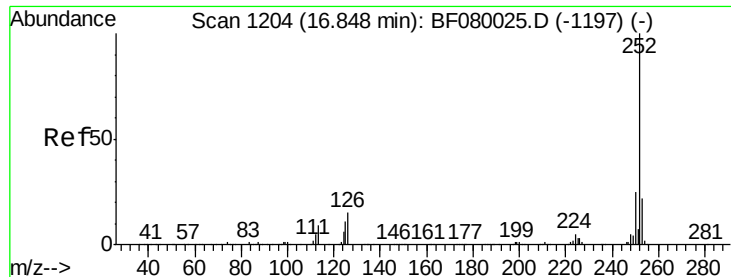
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#88
Benzo(k)fluoranthene
Concen: 40.62 ng
RT: 16.24 min Scan# 1151
Delta R.T. 0.03 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.0	25.4
125	7.0	16.0	24.0#





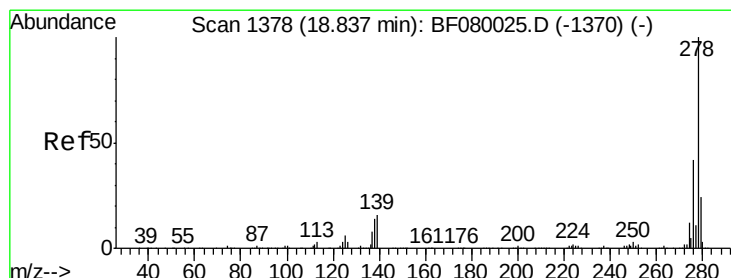
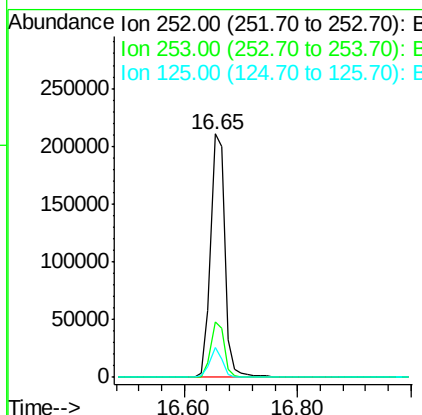
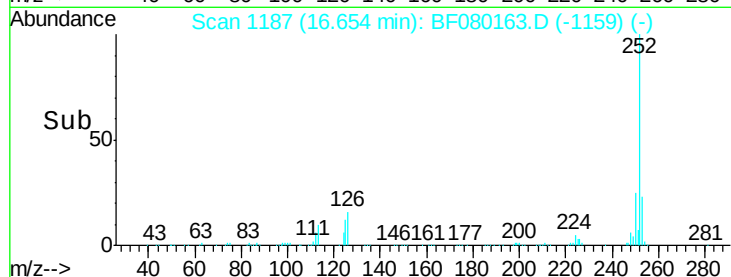
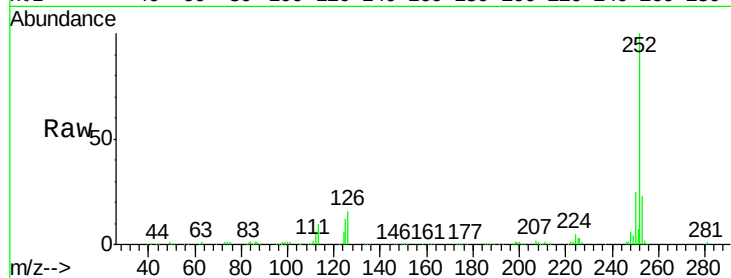
#89
Benzo(a)pyrene
Concen: 44.58 ng
RT: 16.65 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Instrument :
BNA_F
ClientSampleId :
PB84184BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	12.3	18.0	27.0

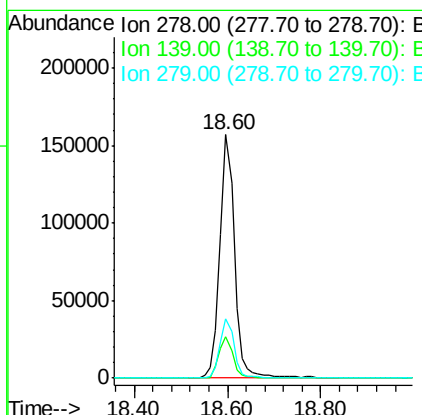
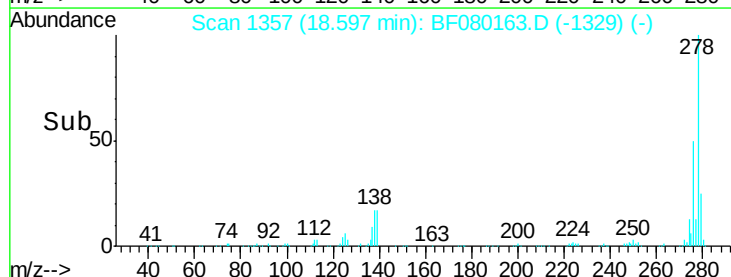
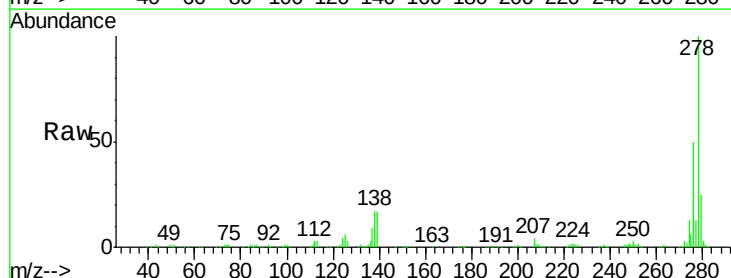
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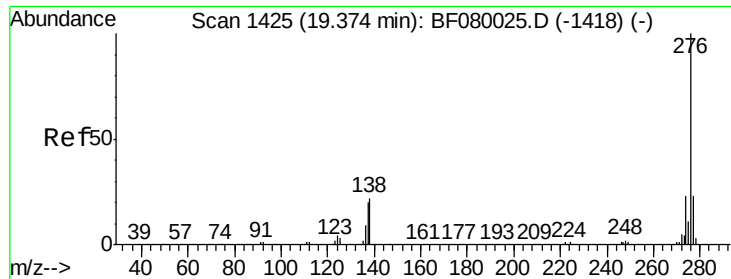
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#90
Dibenzo(a,h)anthracene
Concen: 41.21 ng
RT: 18.60 min Scan# 1357
Delta R.T. 0.02 min
Lab File: BF080163.D
Acq: 25 Jun 2015 13:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	26.3	39.5
279	24.5	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 41.15 ng
 RT: 19.13 min Scan# 1404
 Delta R.T. 0.02 min
 Lab File: BF080163.D
 Acq: 25 Jun 2015 13:51

Instrument :
 BNA_F
 ClientSampleId :
 PB84184BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.2	17.8	26.6
138	20.8	34.6	51.8

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