

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050815\
 Data File : BF079046.D
 Acq On : 8 May 2015 19:14
 Operator : TP/IZ
 Sample : PB83253BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Manual Integrations
 APPROVED

apatel
 5/12/2015 3:44:00 PM

Quant Time: May 08 23:29:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 22:44:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	78358	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	325294	20.00	ng	0.00
38) Acenaphthene-d10	11.07	164	159318	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	311309	20.00	ng	0.00
75) Chrysene-d12	16.22	240	302004	20.00	ng	-0.03
86) Perylene-d12	17.93	264	297512	20.00	ng	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	410466	90.17	ng	0.00
7) Phenol-d6	6.88	99	530619	88.19	ng	-0.01
23) Nitrobenzene-d5	8.01	82	510856	90.26	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	150004	87.03	ng	0.00
44) 2-Fluorobiphenyl	10.25	172	1041868	91.11	ng	0.00
78) Terphenyl-d14	14.93	244	1185031	93.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.31	88	69627	35.18	ng	# 29
3) Pyridine	3.05	79	193539	33.41	ng	98
4) n-Nitrosodimethylamine	2.97	42	88959m	35.85	ng	
6) Aniline	6.91	93	202743	23.87	ng	99
8) 2-Chlorophenol	7.05	128	212127	41.09	ng	97
9) Benzaldehyde	6.78	77	122273	30.16	ng	94
10) Phenol	6.90	94	290044	41.55	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	195857	38.28	ng	97
12) 1,3-Dichlorobenzene	7.24	146	229409	39.53	ng	95
13) 1,4-Dichlorobenzene	7.35	146	224411	37.58	ng	98
14) 1,2-Dichlorobenzene	7.53	146	217900	39.19	ng	98
15) Benzyl Alcohol	7.51	79	179262	40.13	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.68	45	306135	39.10	ng	100
17) 2-Methylphenol	7.64	107	169982	40.91	ng	98
18) Hexachloroethane	7.94	117	79071	38.44	ng	# 84
19) n-Nitroso-di-n-propylamine	7.84	70	154252	37.95	ng	# 82
20) 3+4-Methylphenols	7.84	107	225596	40.75	ng	# 51
22) Acetophenone	7.83	105	299714	40.78	ng	# 96
24) Nitrobenzene	8.03	77	213532	38.06	ng	99
25) Isophorone	8.33	82	396999	37.83	ng	99
26) 2-Nitrophenol	8.43	139	106668	45.94	ng	96
27) 2,4-Dimethylphenol	8.49	122	203440	43.78	ng	97
28) bis(2-Chloroethoxy)methane	8.62	93	263219	40.69	ng	98
29) 2,4-Dichlorophenol	8.73	162	181448	43.91	ng	95
30) 1,2,4-Trichlorobenzene	8.83	180	181066	39.89	ng	97
31) Naphthalene	8.92	128	610798	39.41	ng	99
32) Benzoic acid	8.60	122	113921	40.31	ng	92
33) 4-Chloroaniline	8.99	127	134054	20.44	ng	97
34) Hexachlorobutadiene	9.07	225	94259	36.06	ng	96
35) Caprolactam	9.43	113	56915	42.60	ng	98
36) 4-Chloro-3-methylphenol	9.61	107	189846	43.74	ng	# 80
37) 2-Methylnaphthalene	9.78	142	420296	39.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.99	216	168275	37.50	ng	# 100
40) Hexachlorocyclopentadiene	9.98	237	175584	77.82	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	124563	40.38	nq	94
43) 2,4,5-Trichlorophenol	10.18	196	133412	42.78	nq	93
45) 1,1'-Biphenyl	10.37	154	510438	40.30	nq	99
46) 2-Chloronaphthalene	10.39	162	387128	39.19	nq	98
47) 2-Nitroaniline	10.51	65	116188	40.59	nq	99
48) Acenaphthylene	10.90	152	652650	40.24	nq	100
49) Dimethylphthalate	10.75	163	462659	39.57	nq	99
50) 2,6-Dinitrotoluene	10.82	165	93998	40.73	nq	97
51) Acenaphthene	11.12	154	376284	38.90	nq	99
52) 3-Nitroaniline	11.03	138	77915	27.03	nq	# 93
53) 2,4-Dinitrophenol	11.17	184	78077	79.79	nq	91
54) Dibenzofuran	11.34	168	566207	40.52	nq	95
55) 4-Nitrophenol	11.25	139	185261	81.20	nq	88
56) 2,4-Dinitrotoluene	11.33	165	133512	43.77	nq	# 76
57) Fluorene	11.76	166	462170	40.30	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.49	232	104060	40.83	nq	# 100
59) Diethylphthalate	11.63	149	478088	41.27	nq	100
60) 4-Chlorophenyl-phenylether	11.76	204	196975	38.72	nq	# 85
61) 4-Nitroaniline	11.78	138	108734	37.71	nq	93
62) Azobenzene	11.97	77	458653	40.18	nq	91
64) 4,6-Dinitro-2-methylphenol	11.83	198	55821	44.38	nq	# 71
65) n-Nitrosodiphenylamine	11.91	169	388020	37.43	nq	99
66) 4-Bromophenyl-phenylether	12.38	248	124760	38.45	nq	# 88
67) Hexachlorobenzene	12.43	284	140985	38.01	nq	# 90
68) Atrazine	12.58	200	120008	39.81	nq	98
69) Pentachlorophenol	12.69	266	131369	62.21	nq	97
70) Phenanthrene	12.95	178	635125	36.47	nq	100
71) Anthracene	13.02	178	670135	39.22	nq	100
72) Carbazole	13.22	167	661575	40.63	nq	99
73) Di-n-butylphthalate	13.67	149	768513	39.35	nq	# 98
74) Fluoranthene	14.43	202	709971	39.12	nq	94
76) Benzidine	14.61	184	307879	37.83	nq	99
77) Pyrene	14.71	202	717455	41.23	nq	98
79) Butylbenzylphthalate	15.53	149	323182	42.48	nq	99
80) Benzo(a)anthracene	16.21	228	662595	40.06	nq	99
81) 3,3'-Dichlorobenzidine	16.18	252	171739	29.15	nq	99
82) Chrysene	16.25	228	598485	37.63	nq	99
83) Bis(2-ethylhexyl)phthalate	16.25	149	492875	42.78	nq	99
84) Di-n-octyl phthalate	17.03	149	845483	41.66	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.41	276	763444	37.67	nq	# 100
87) Benzo(b)fluoranthene	17.49	252	639360	39.26	nq	# 98
88) Benzo(k)fluoranthene	17.52	252	640215m	40.61	nq	
89) Benzo(a)pyrene	17.86	252	618137	41.22	nq	# 96
90) Dibenzo(a,h)anthracene	19.44	278	611332	38.36	nq	98
91) Benzo(g,h,i)perylene	19.85	276	616209	38.58	nq	97

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

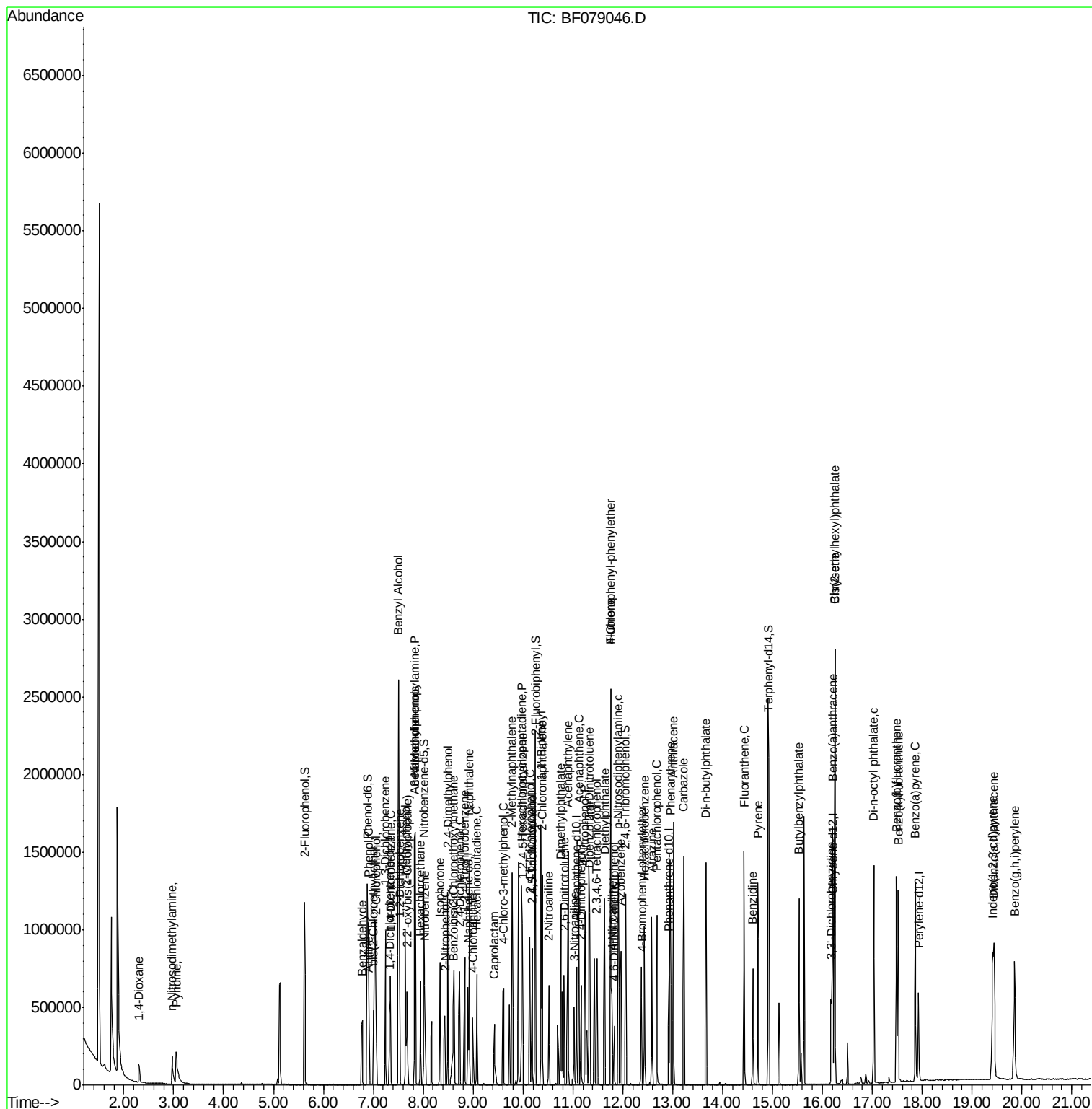
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#1

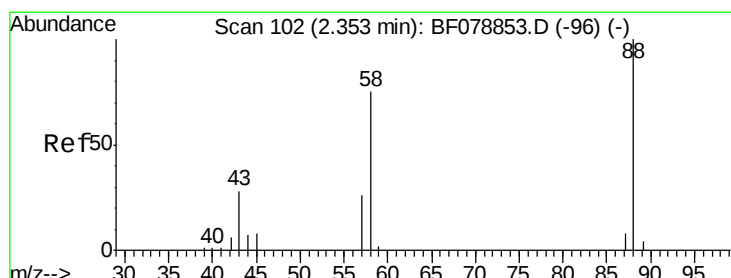
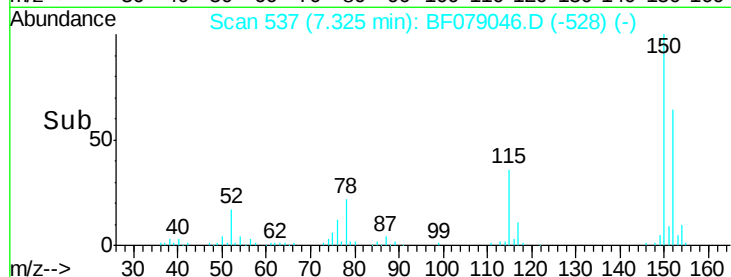
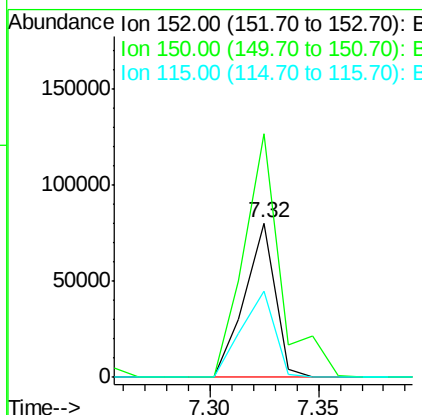
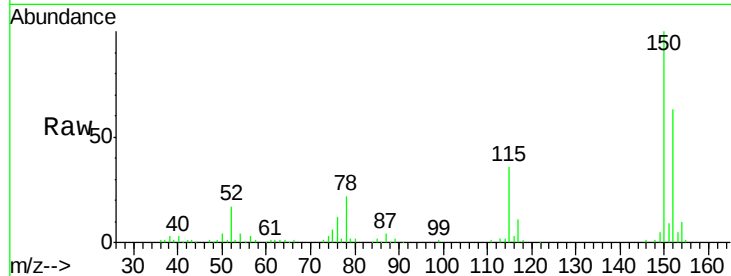
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.0	183.0
115	56.1	46.3	69.5

Manual Integrations
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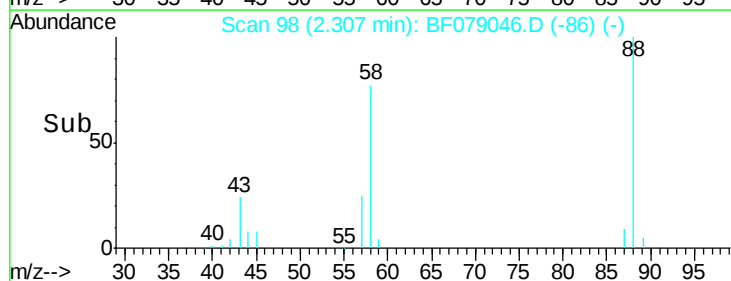
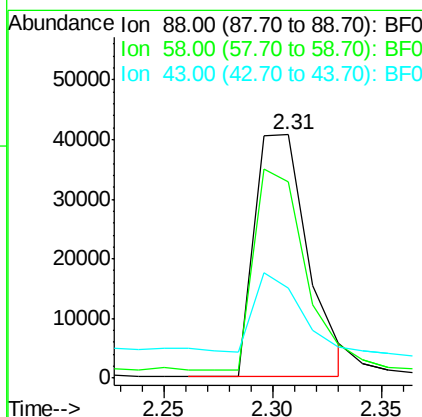
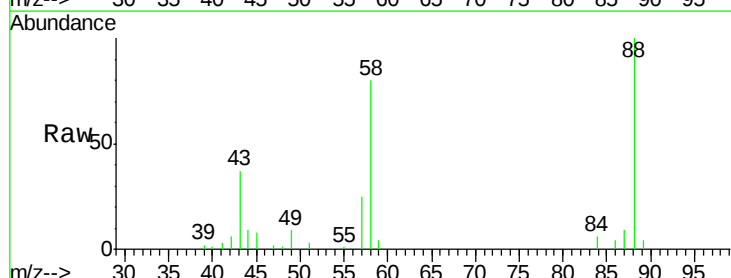
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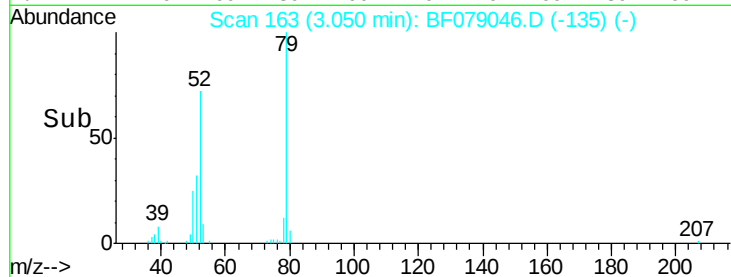
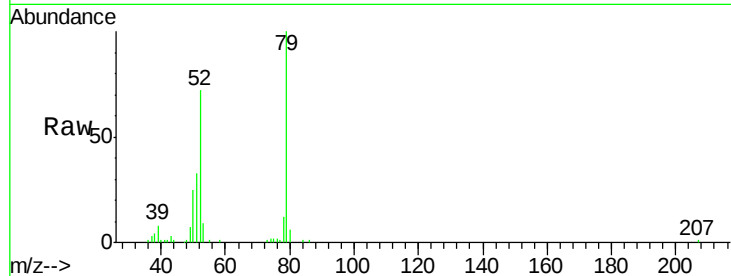
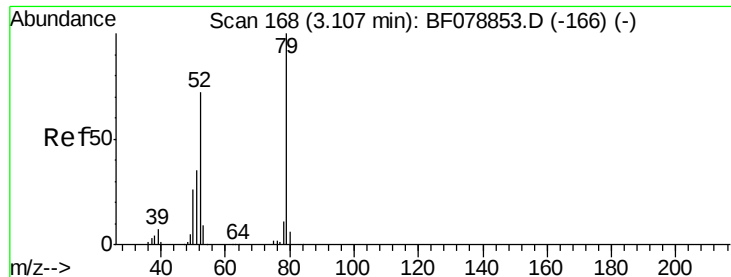


#2

1,4-Dioxane
Concen: 35.18 ng
RT: 2.31 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	0.0	0.0#
43	27.5	3.3	4.9#





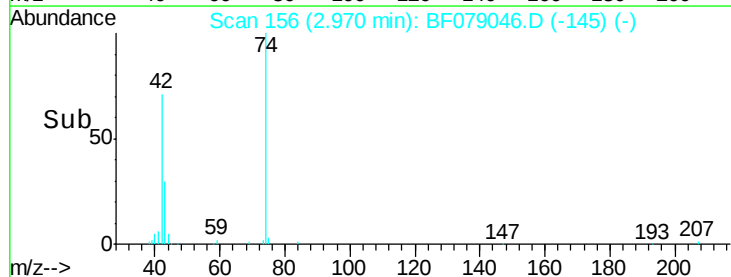
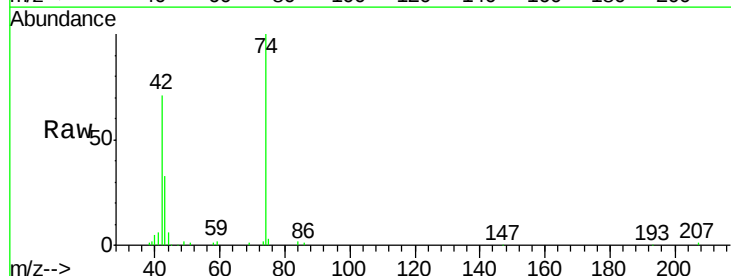
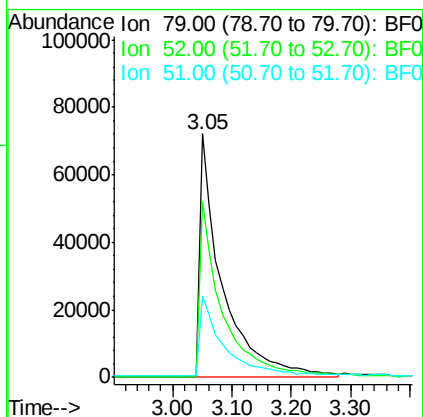
#3
Pvridine
Concen: 33.41 ng
RT: 3.05 min Scan# 163
Delta R.T. 0.02 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tot Ion:	79	Resp:	193539
Ion Ratio	Lower	Upper	
79	100		
52	72.1	57.2	85.8
51	33.2	28.9	43.3

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

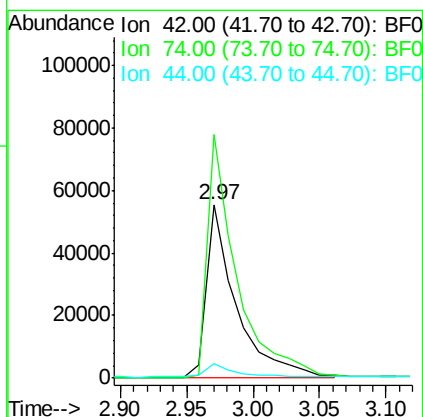
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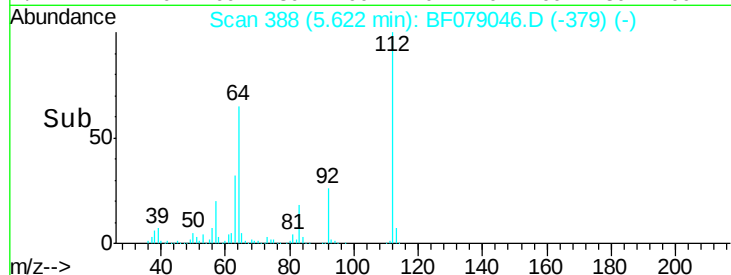
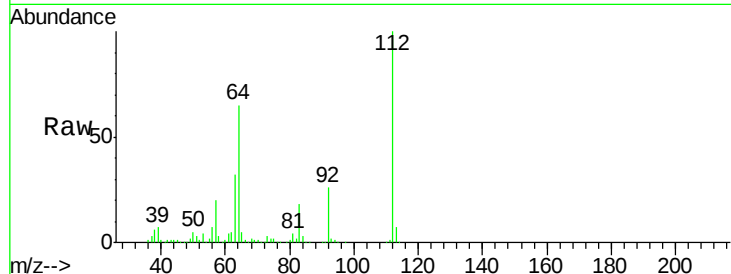
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#4
n-Nitrosodimethylamine
Concen: 35.85 ng m
RT: 2.97 min Scan# 156
Delta R.T. 0.02 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion:	42	Resp:	88959
Ion Ratio	Lower	Upper	
42	100		
74	140.1	96.5	144.7
44	8.0	6.1	9.1





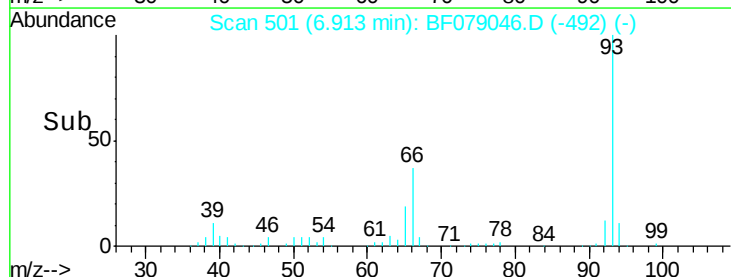
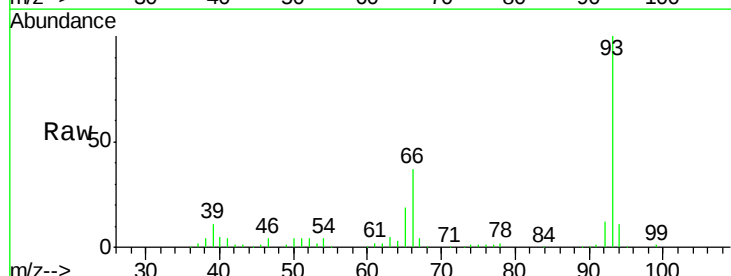
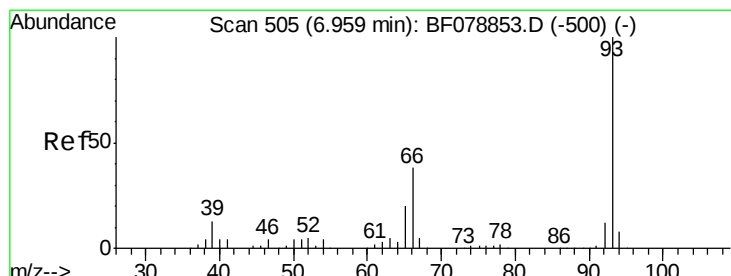
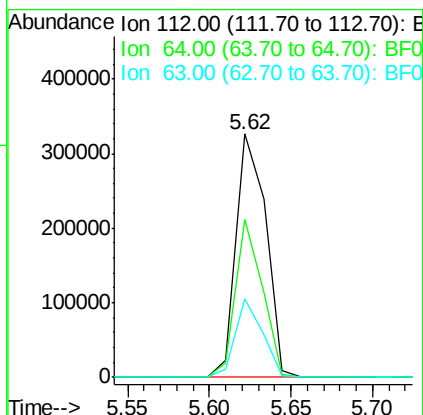
#5
2-Fluorophenol
Concen: 90.17 ng
RT: 5.62 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tot Ion	Ratio	Resp	Lower	Upper
112	100	410466		
64	64.8	53.5	80.3	
63	32.4	27.5	41.3	

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

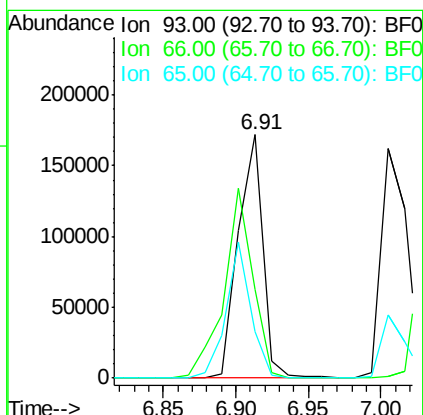
Manual Integrations
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#6
Aniline
Concen: 23.87 ng
RT: 6.91 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	202743		
66	36.5	29.7	44.5	
65	19.0	14.6	22.0	





#7

Phenol-d6

Concen: 88.19 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

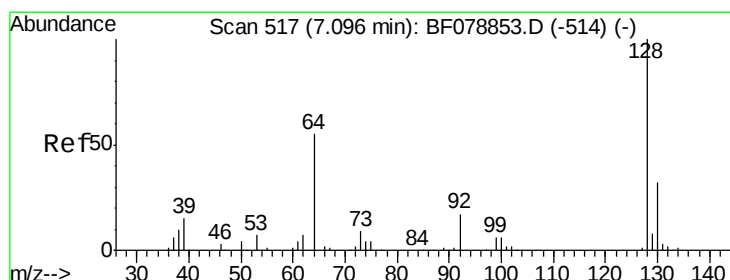
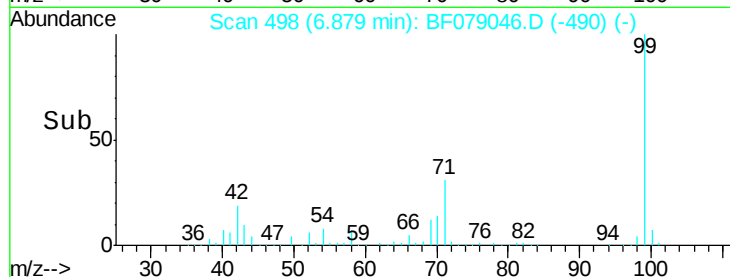
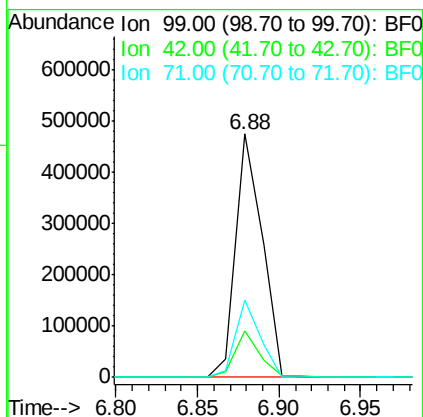
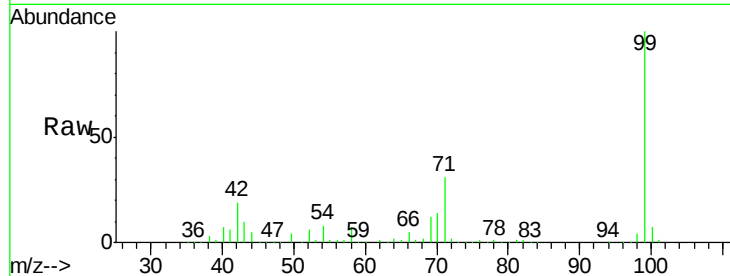
ClientSampleId :

PB83253BSD

Tot Ion:	99	Resp:	530619
Ion Ratio	Lower	Upper	
99	100		
42	19.4	12.8	19.2#
71	31.5	23.4	35.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.09 ng

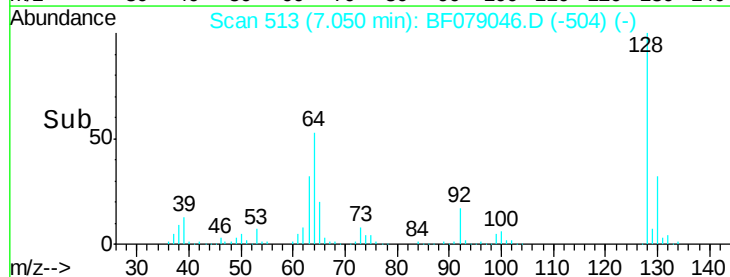
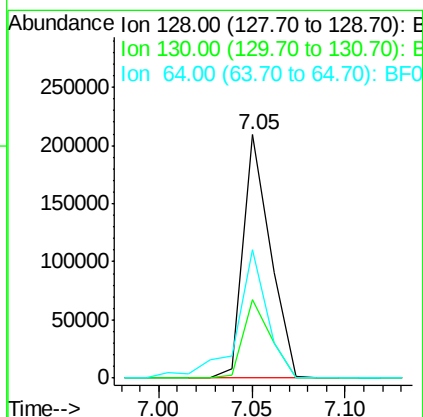
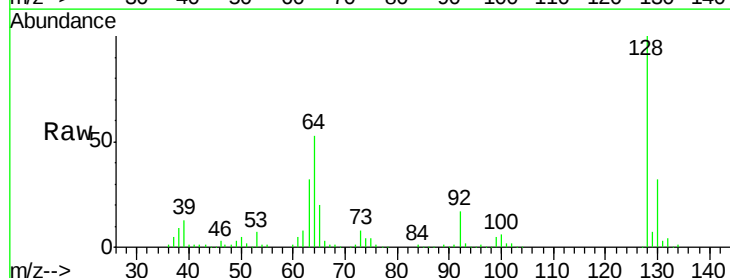
RT: 7.05 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	128	Resp:	212127
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.1	52.1
64	53.0	29.6	69.6





#9

Benzaldehyde

Concen: 30.16 ng

RT: 6.78 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

ClientSampled :

PB83253BSD

Tot Ion: 77 Resp: 122273

Ion Ratio Lower Upper

77 100

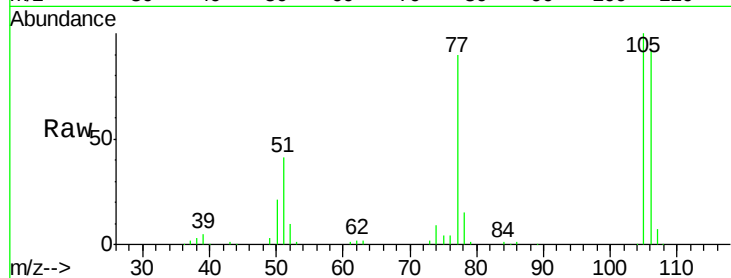
105 110.6 81.7 121.7

106 101.6 79.0 119.0

Manual Integrations
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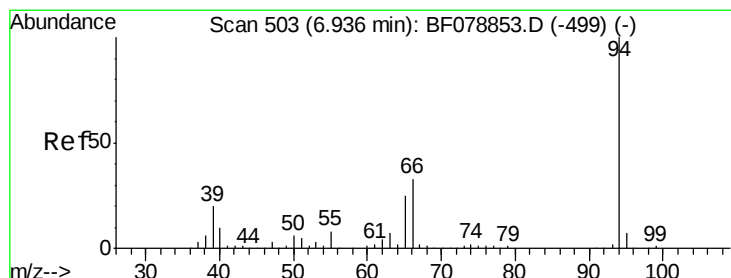
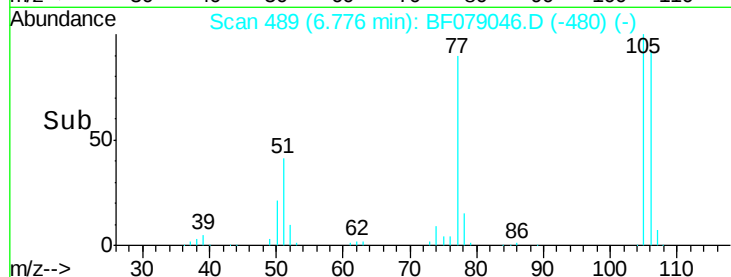
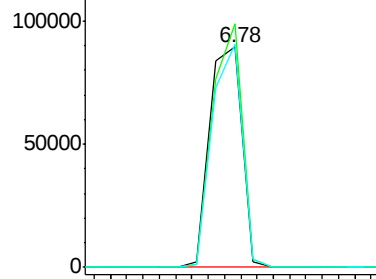
5/12/2015 3:44:00 PM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.55 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

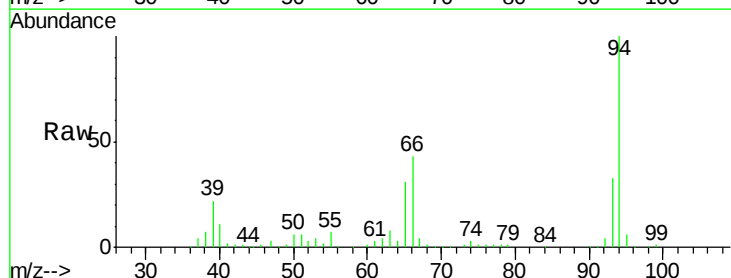
Tgt Ion: 94 Resp: 290044

Ion Ratio Lower Upper

94 100

65 30.9 8.5 48.5

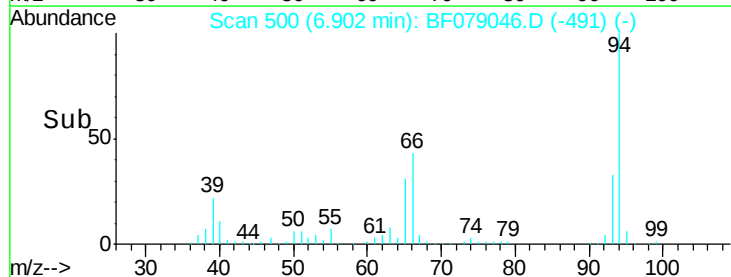
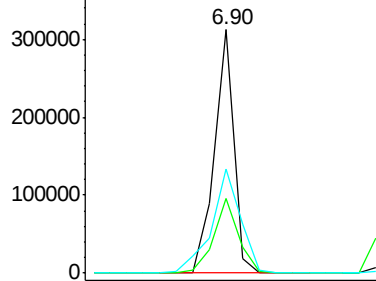
66 42.8 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.28 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.01 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

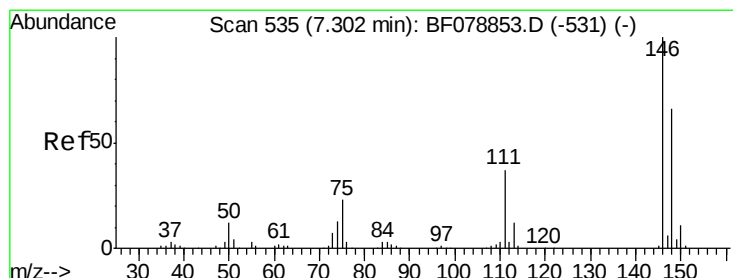
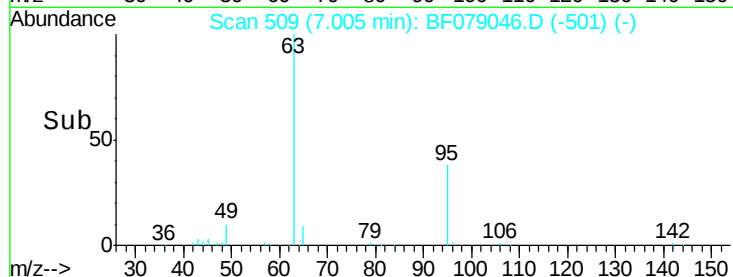
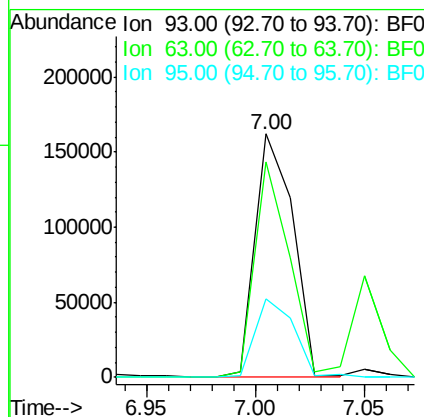
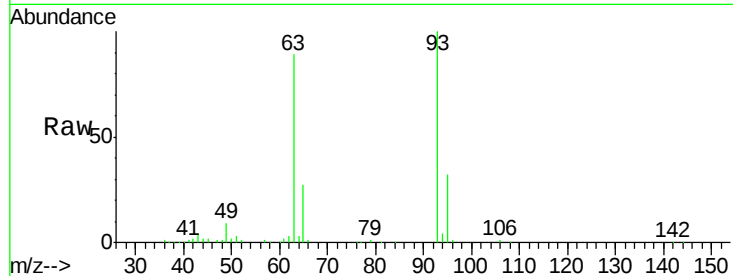
ClientSampleId :

PB83253BSD

Tot Ion	93	Resp	195857
Ion Ratio	100	Lower	Upper
93	100		
63	88.6	64.8	104.8
95	32.1	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 39.53 ng

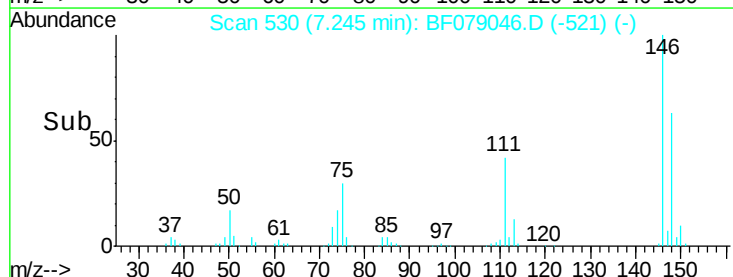
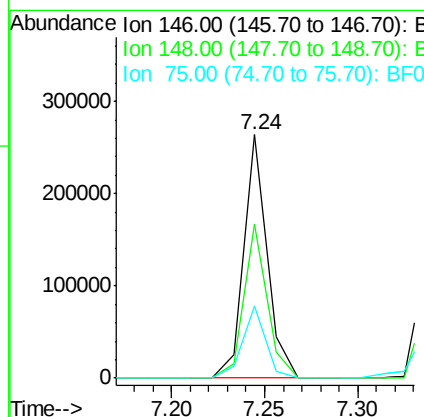
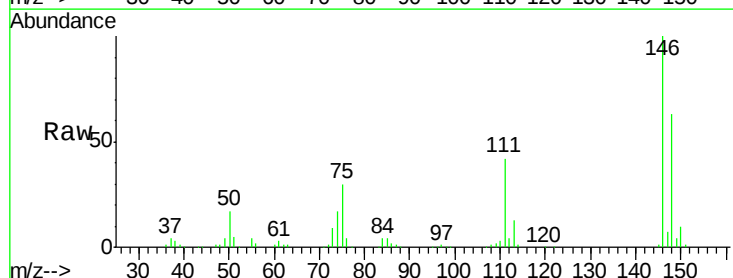
RT: 7.24 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion	146	Resp	229409
Ion Ratio	100	Lower	Upper
146	100		
148	63.2	50.2	75.2
75	29.9	29.2	43.8





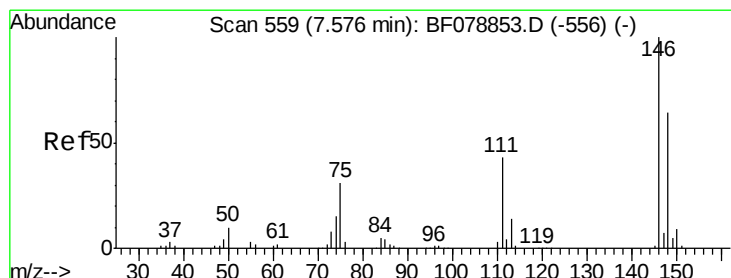
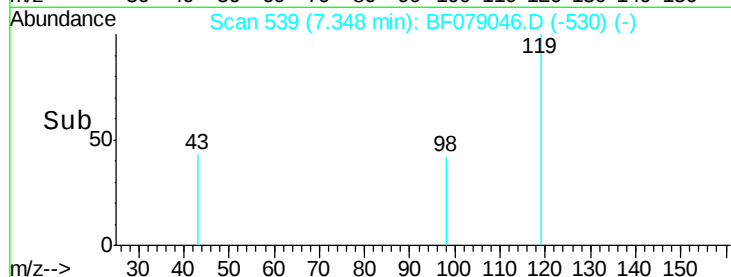
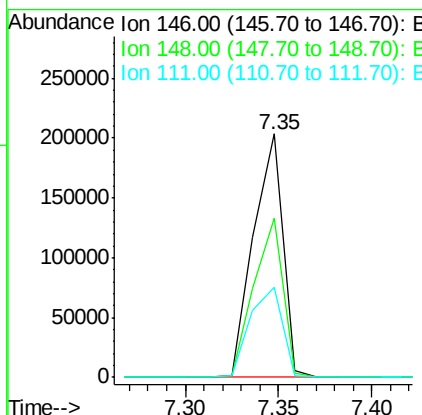
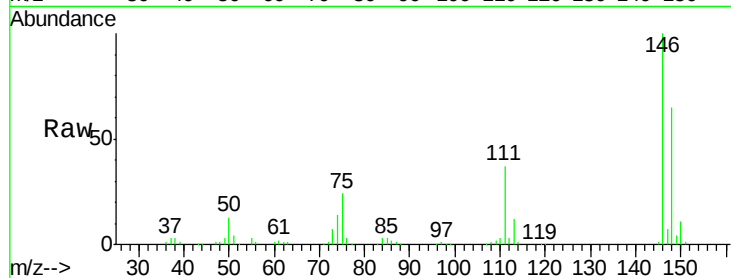
#13
 1,4-Dichlorobenzene
 Concen: 37.58 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.8	79.2
111	37.0	31.7	47.5

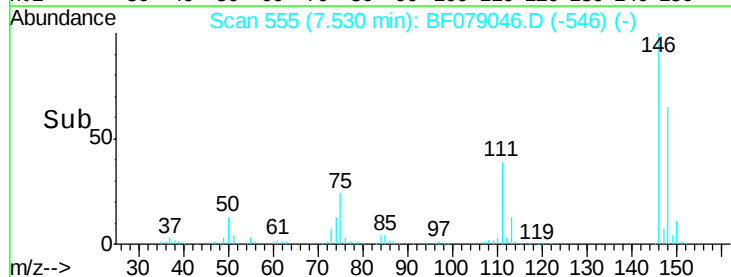
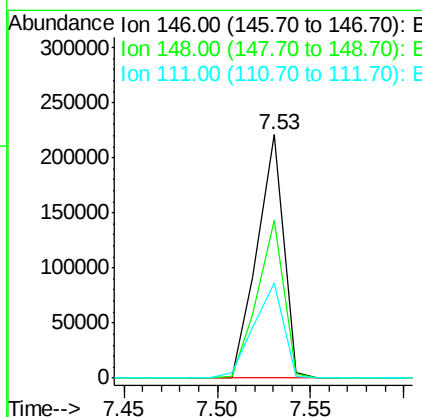
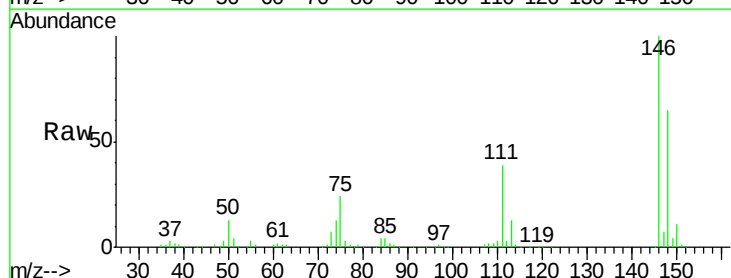
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#14
 1,2-Dichlorobenzene
 Concen: 39.19 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	38.8	33.3	49.9





#15

Benzyl Alcohol

Concen: 40.13 ng

RT: 7.51 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

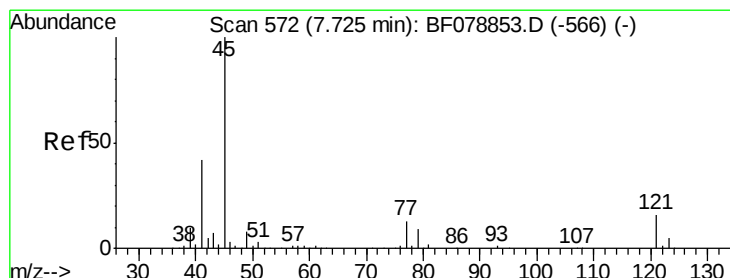
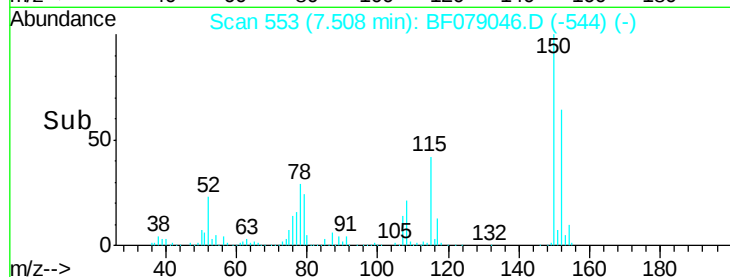
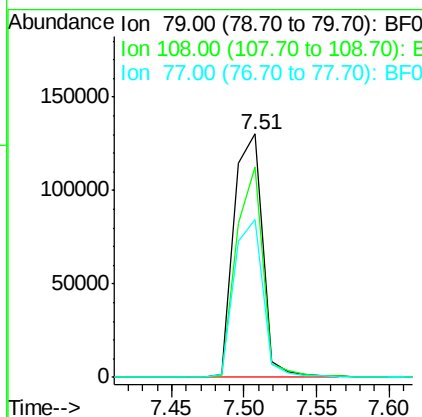
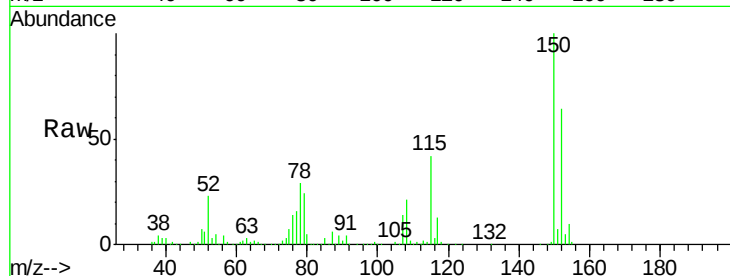
ClientSampleId :

PB83253BSD

Tot Ion:	79	Resp:	179262
Ion Ratio	Lower	Upper	
79	100		
108	86.3	62.5	93.7
77	64.7	52.2	78.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.10 ng

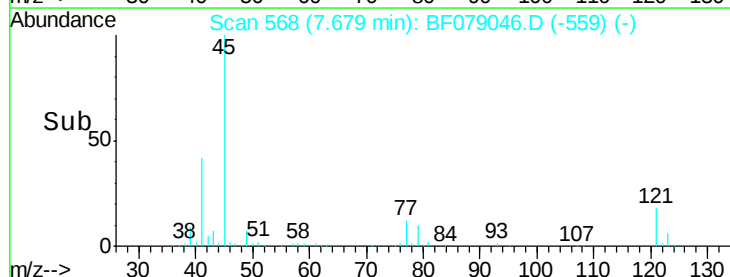
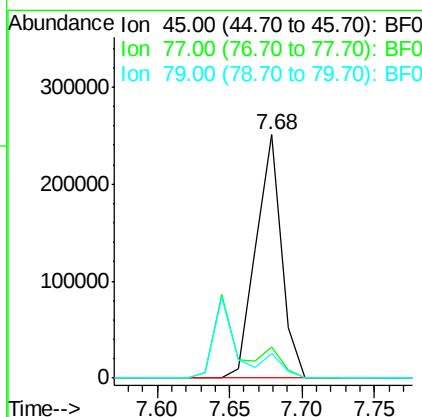
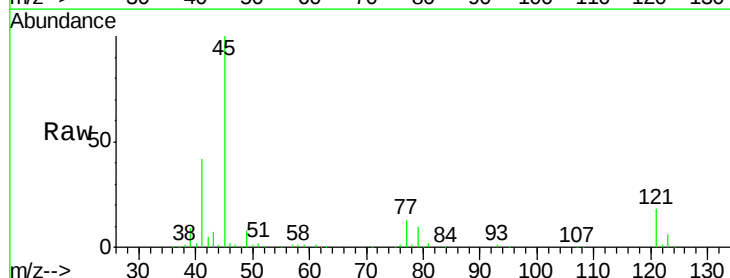
RT: 7.68 min Scan# 568

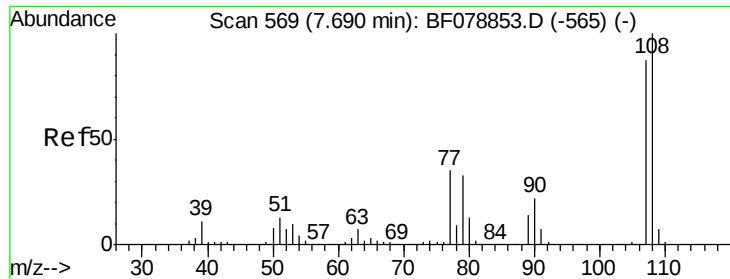
Delta R.T. -0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	45	Resp:	306135
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	32.3
79	10.1	0.0	30.1





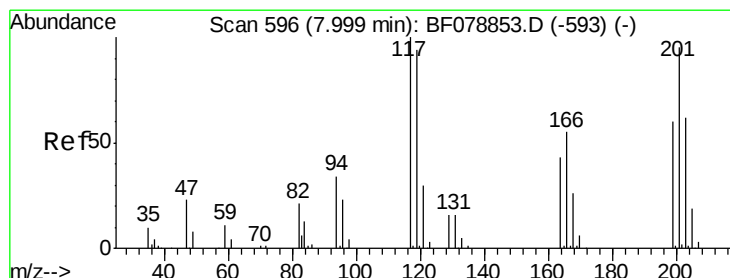
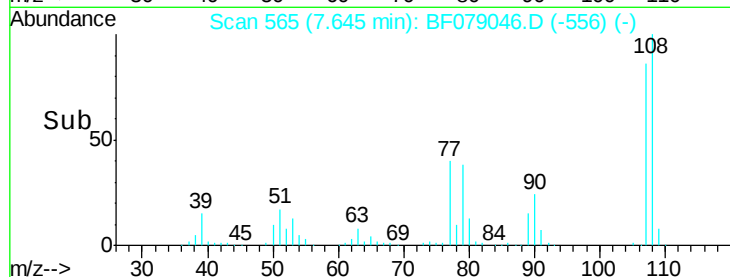
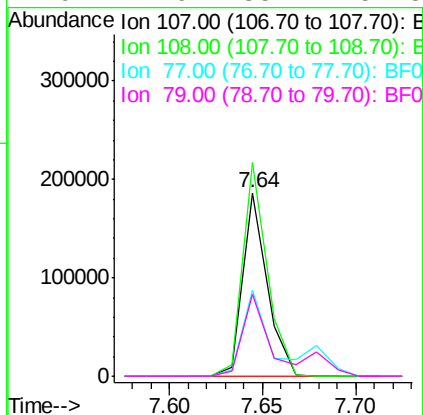
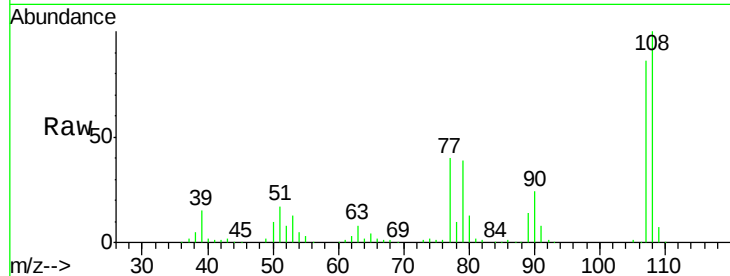
#17
2-Methylphenol
Concen: 40.91 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	94.9	142.3	
77	46.5	36.2	54.4	
79	44.9	35.2	52.8	

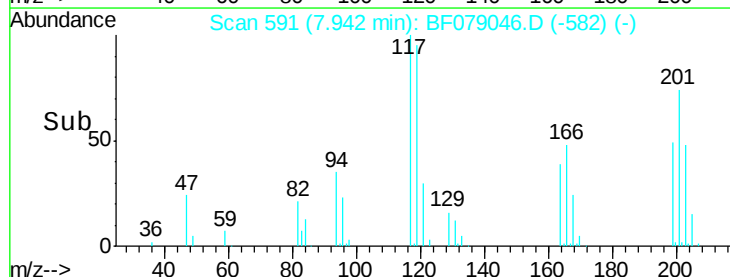
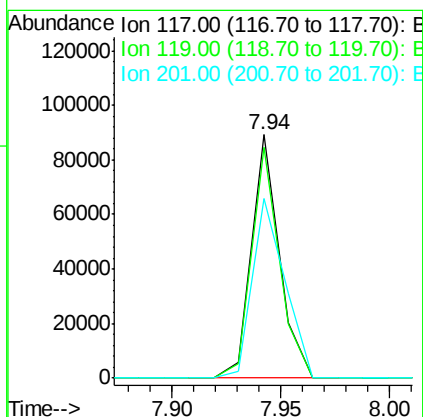
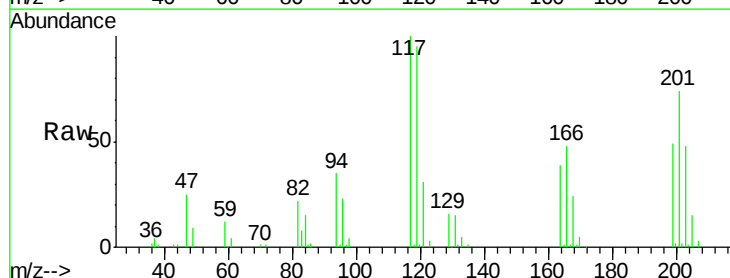
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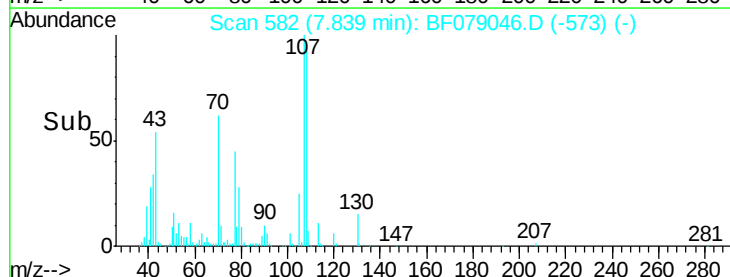
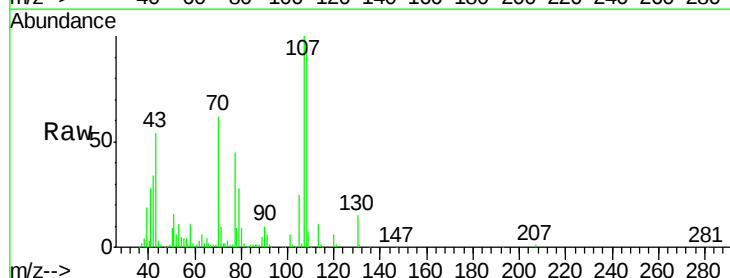
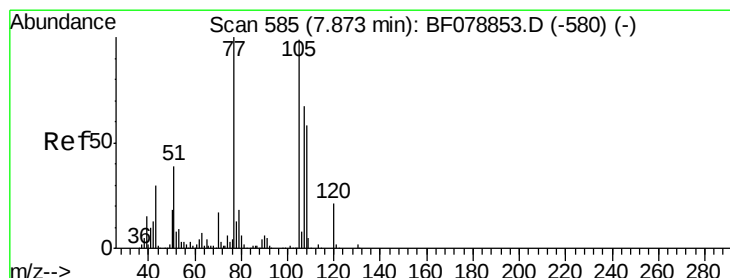
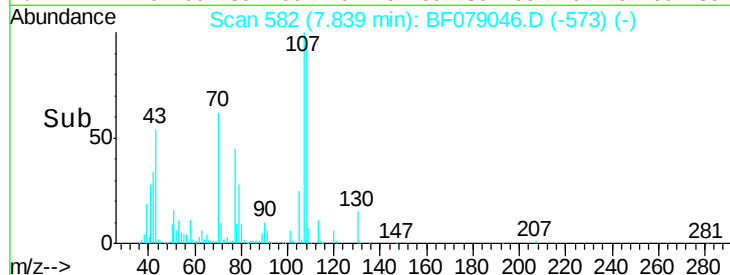
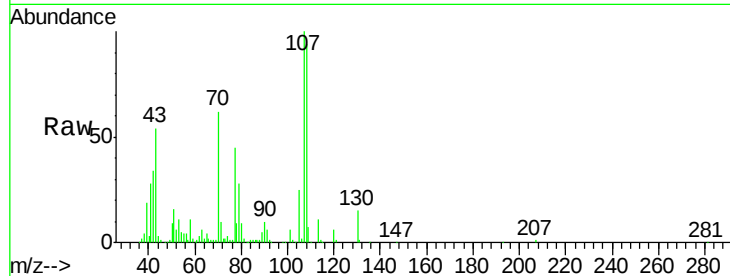
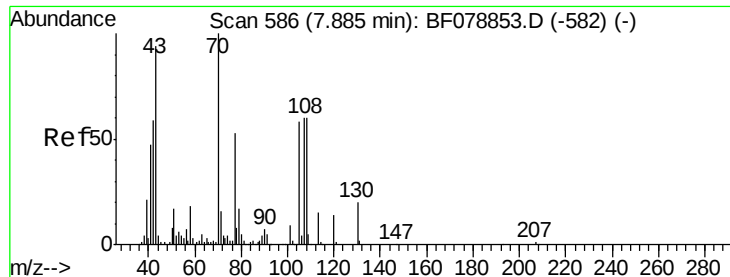
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#18
Hexachloroethane
Concen: 38.44 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.4	113.0	
201	73.7	83.2	124.8	





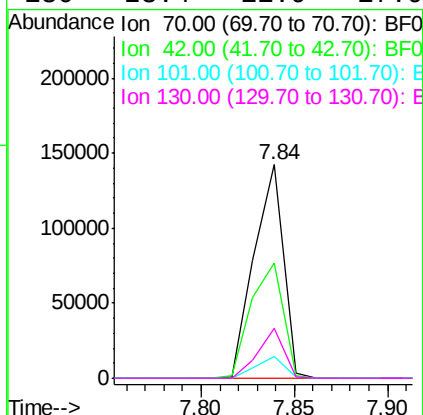
#19
n-Nitroso-di-n-propylamine
Concen: 37.95 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.1	55.4	83.0#		
101	10.4	6.6	10.0#		
130	23.4	11.9	17.9#		

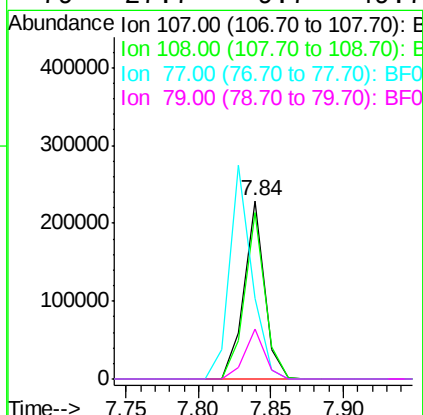
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#20
3+4-Methylphenols
Concen: 40.75 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.6	76.9	116.9		
77	45.3	136.8	176.8#		
79	27.7	9.7	49.7		





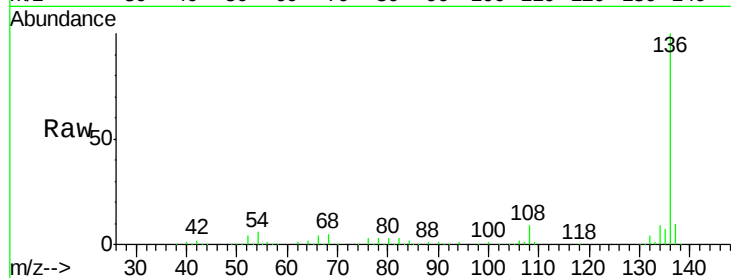
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.90 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

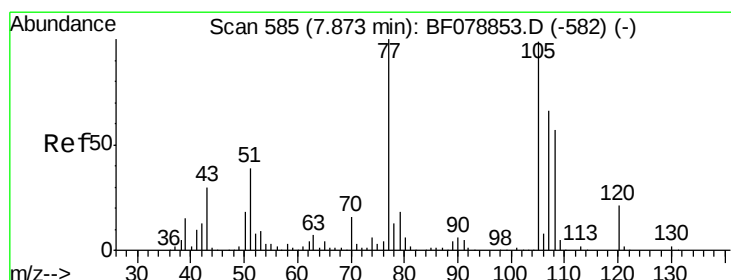
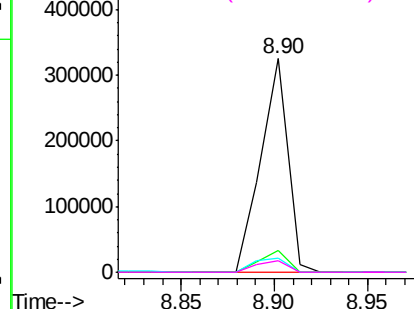
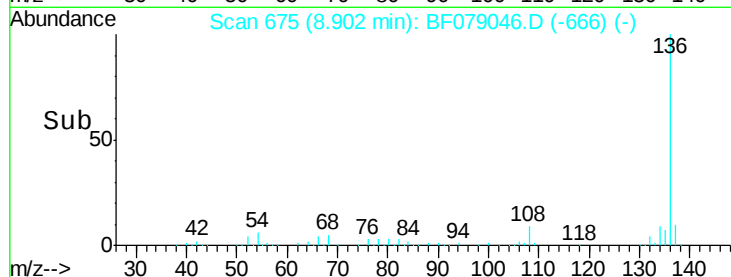
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.7	13.1	
54	6.4	5.8	8.8	
68	5.2	4.2	6.4	

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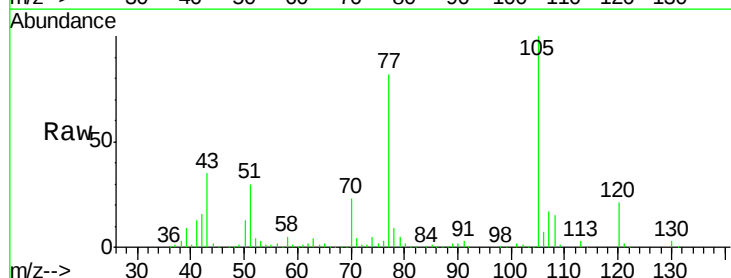


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

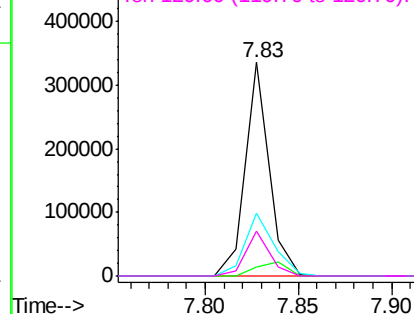
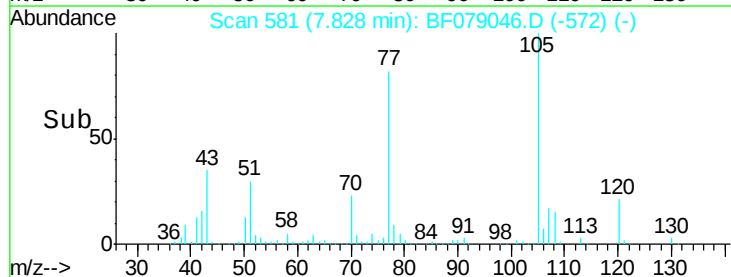


#22
Acetophenone
Concen: 40.78 ng
RT: 7.83 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.0	4.6	6.8#	
51	29.7	26.7	40.1	
120	21.1	17.4	26.0	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 90.26 ng

RT: 8.01 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

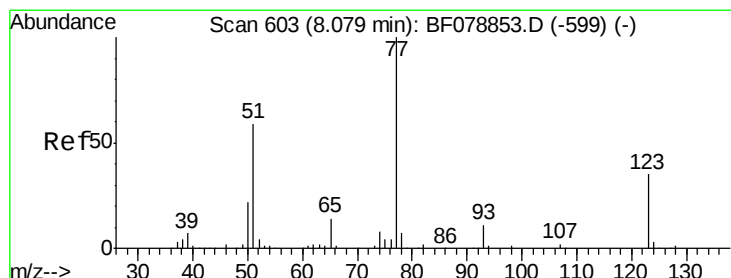
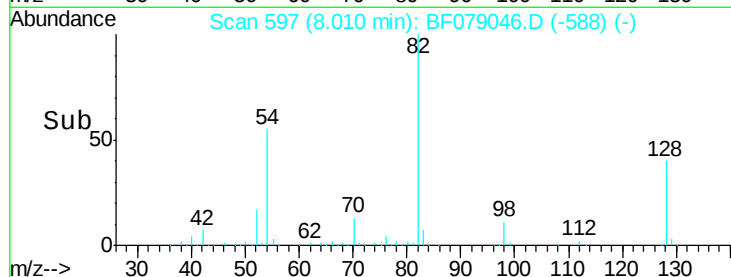
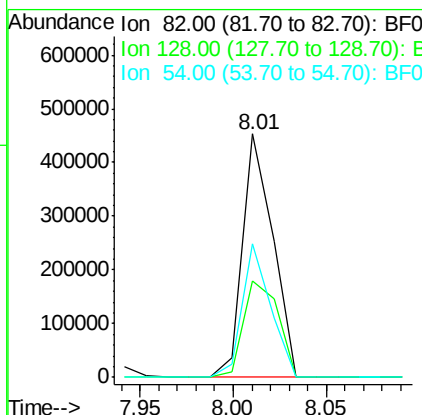
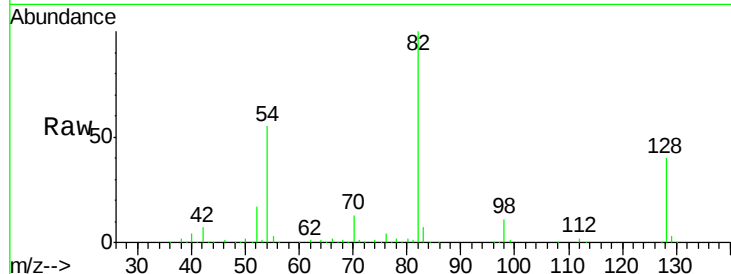
ClientSampleId :

PB83253BSD

Tot Ion:	82	Resp:	510856
Ion Ratio		Lower	Upper
82	100		
128	39.8	30.0	45.0
54	54.9	46.4	69.6

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#24

Nitrobenzene

Concen: 38.06 ng

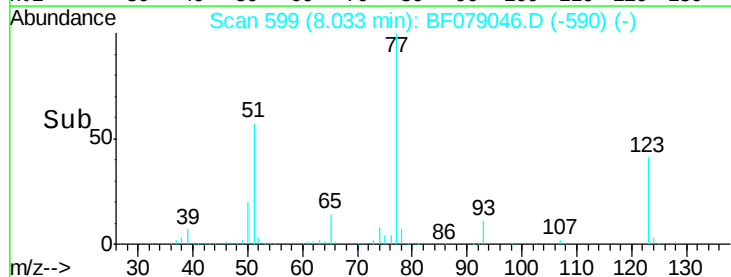
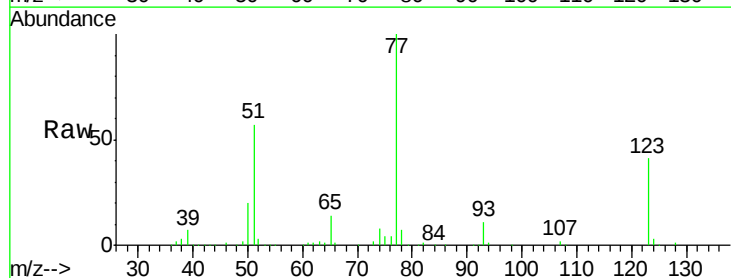
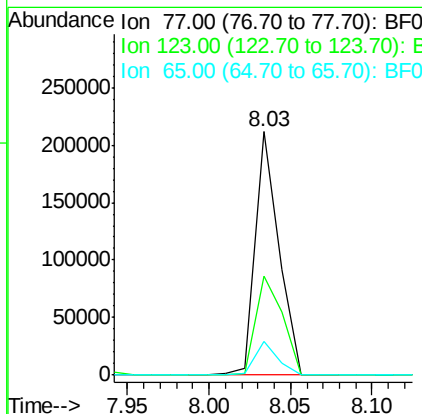
RT: 8.03 min Scan# 599

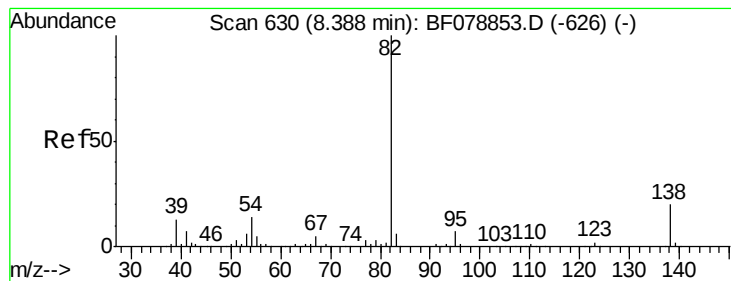
Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	77	Resp:	213532
Ion Ratio		Lower	Upper
77	100		
123	40.6	31.8	47.8
65	13.8	10.6	15.8





#25

Isophorone

Concen: 37.83 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

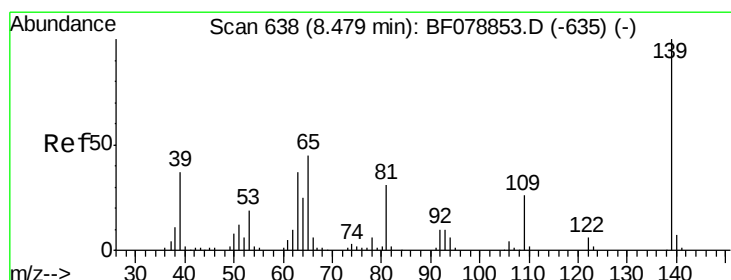
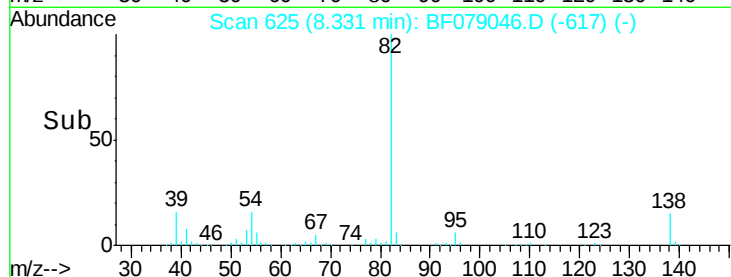
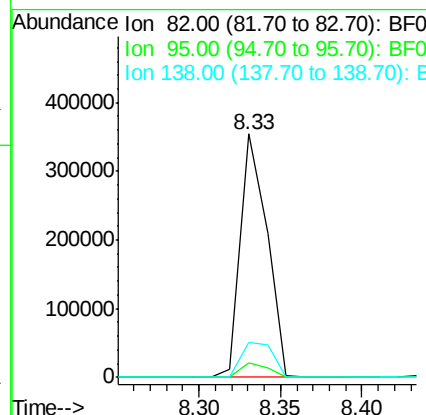
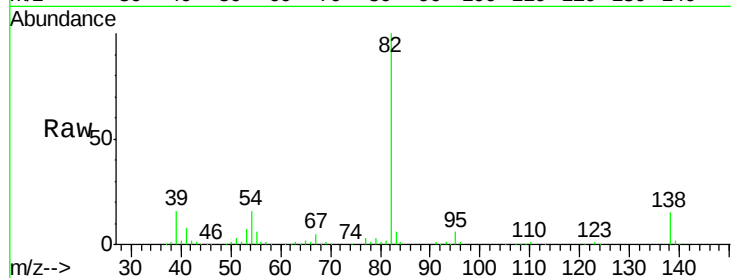
ClientSampleId :

PB83253BSD

Tot Ion:	82	Resp:	396999
Ion Ratio		Lower	Upper
82	100		
95	6.2	5.3	7.9
138	14.6	12.0	18.0

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#26

2-Nitrophenol

Concen: 45.94 ng

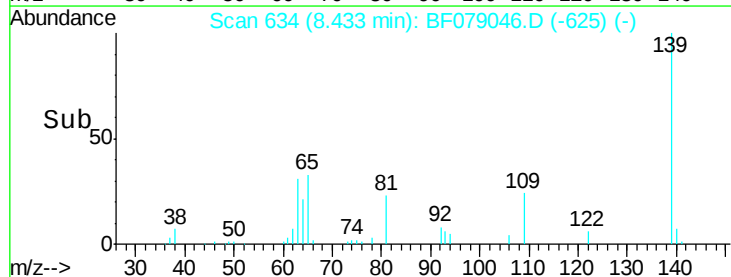
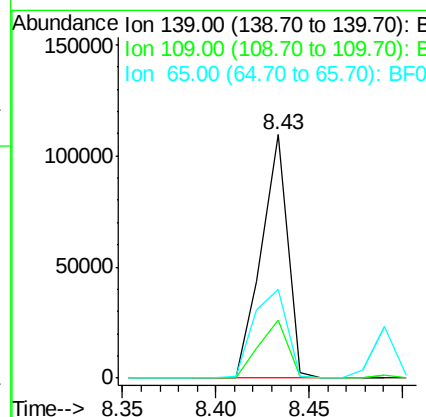
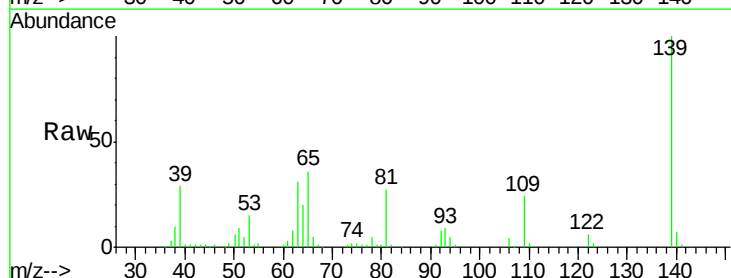
RT: 8.43 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	139	Resp:	106668
Ion Ratio		Lower	Upper
139	100		
109	23.8	21.0	31.4
65	36.4	30.5	45.7





#27

2,4-Dimethylphenol

Concen: 43.78 ng

RT: 8.49 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

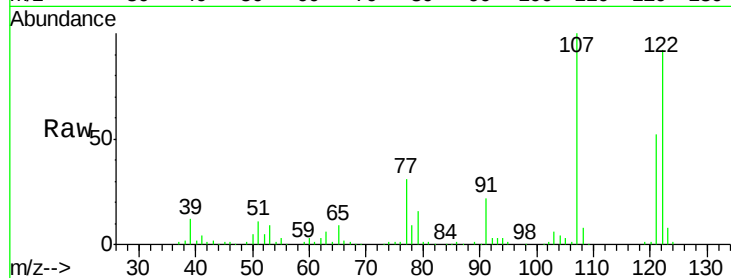
ClientSampleId :

PB83253BSD

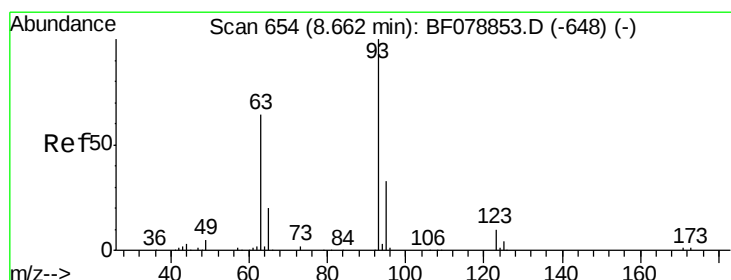
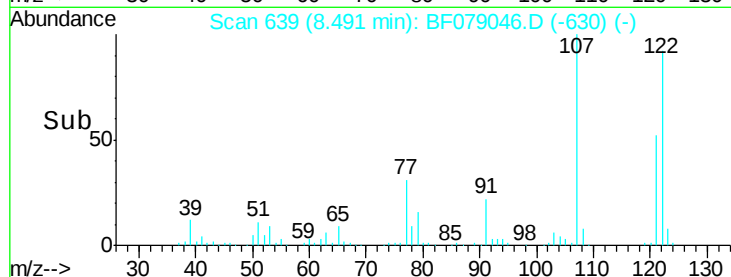
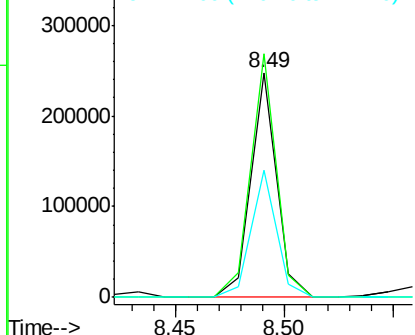
Tot Ion:	122	Resp:	203440
Ion Ratio	Lower	Upper	
122	100		
107	108.4	90.6	135.8
121	56.8	45.4	68.2

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.69 ng

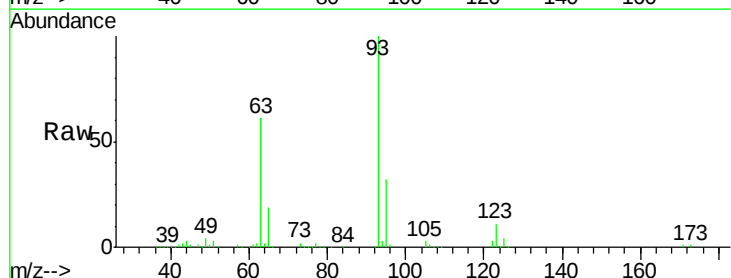
RT: 8.62 min Scan# 650

Delta R.T. 0.00 min

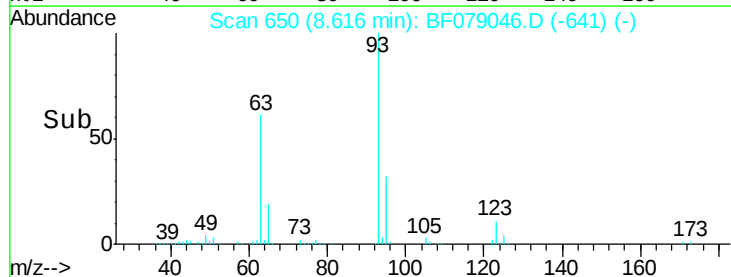
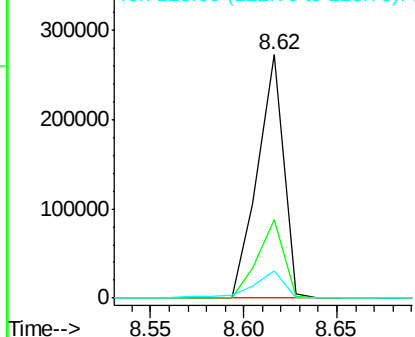
Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	93	Resp:	263219
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.7	40.1
123	11.4	9.1	13.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





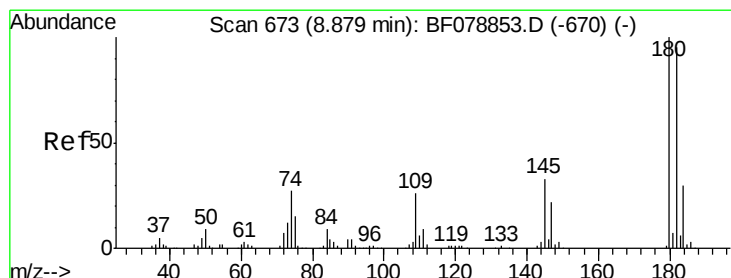
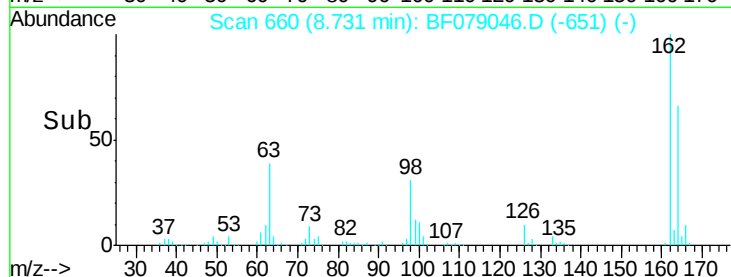
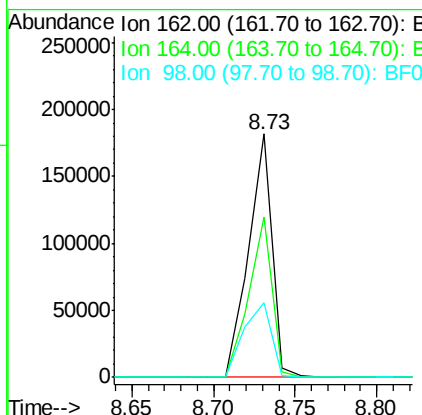
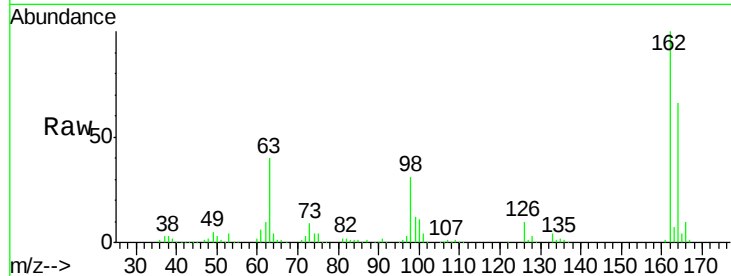
#29
2,4-Dichlorophenol
Concen: 43.91 ng
RT: 8.73 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	181448		
164	65.7	43.6	83.6	
98	30.6	16.5	56.5	

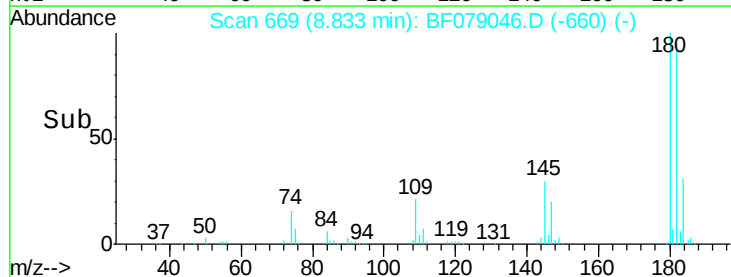
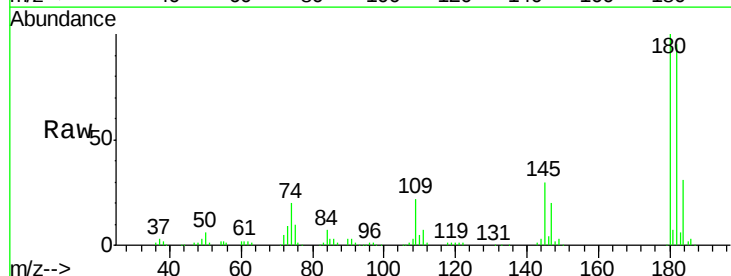
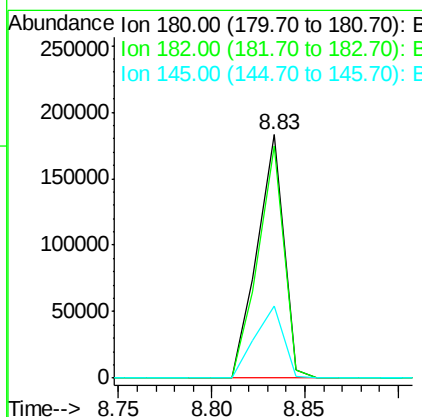
Manual Integrations
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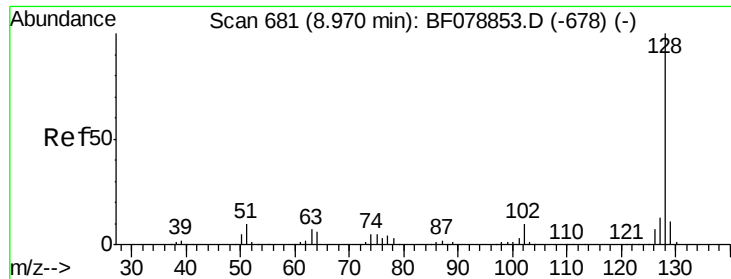
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#30
1,2,4-Trichlorobenzene
Concen: 39.89 ng
RT: 8.83 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	181066		
182	95.1	78.9	118.3	
145	29.6	24.2	36.4	





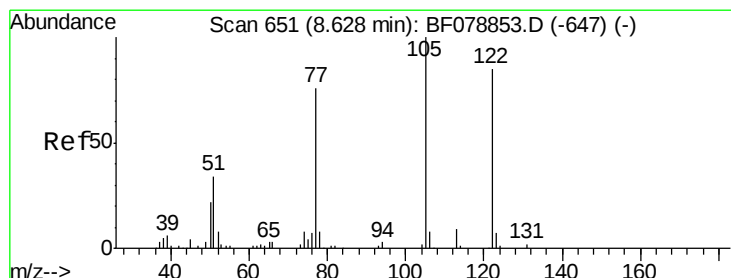
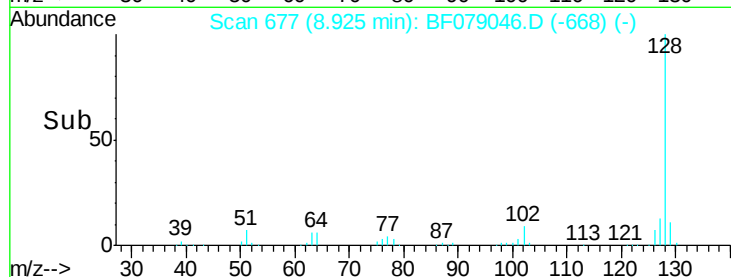
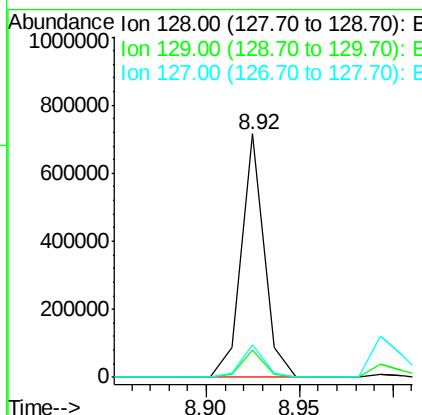
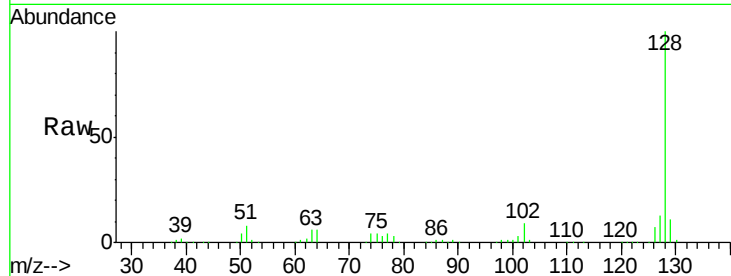
#31
Naphthalene
Concen: 39.41 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	610798		
129	11.3		9.3	13.9
127	13.2		10.7	16.1

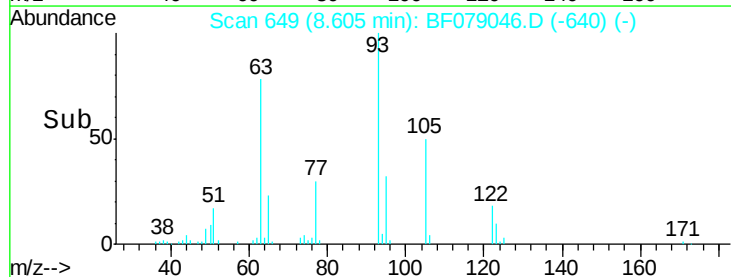
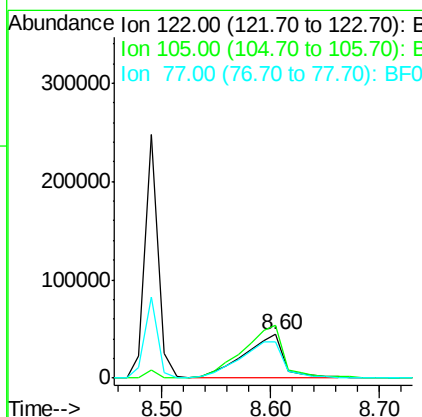
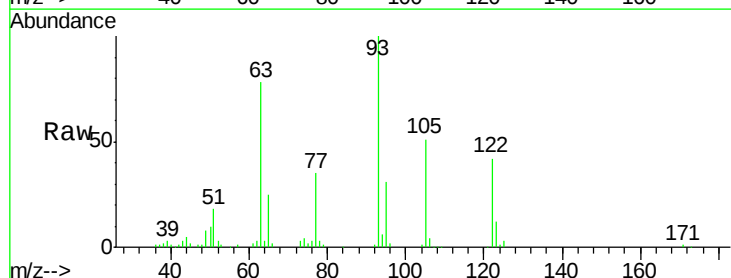
Manual Integrations
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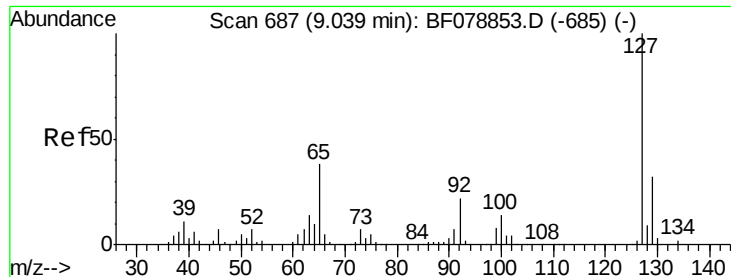
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#32
Benzoic acid
Concen: 40.31 ng
RT: 8.60 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	113921		
105	120.5		107.1	147.1
77	83.7		73.9	113.9





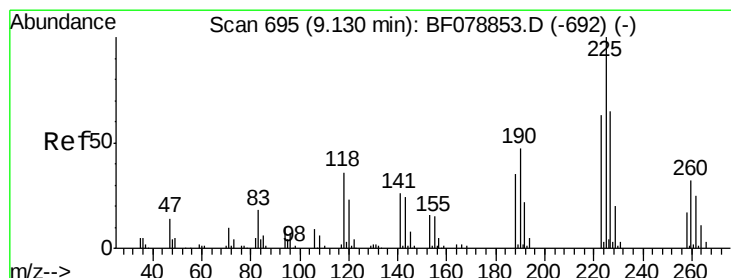
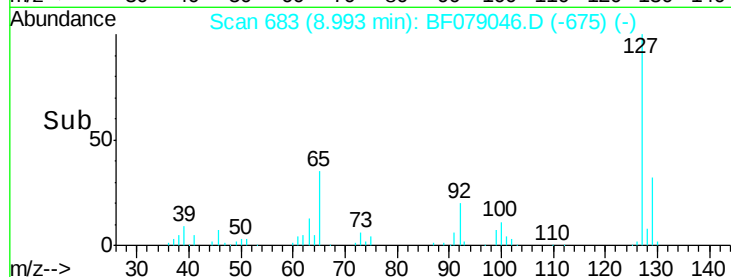
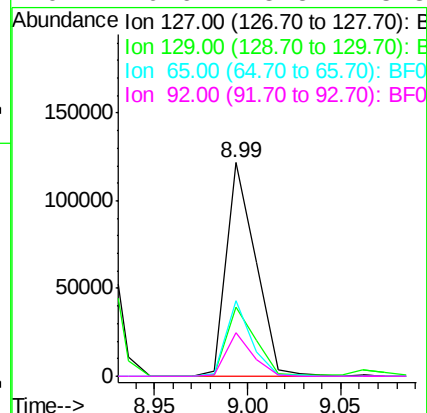
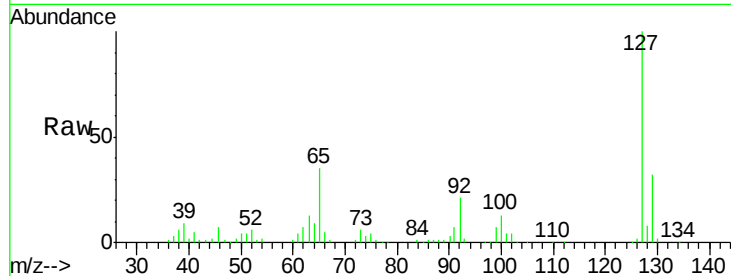
#33
4-Chloroaniline
Concen: 20.44 ng
RT: 8.99 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	35.4	25.8	38.6		
92	20.6	15.5	23.3		

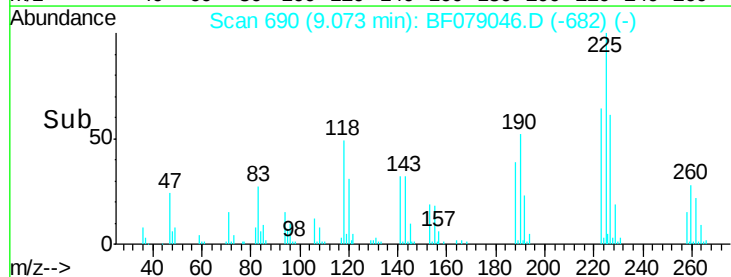
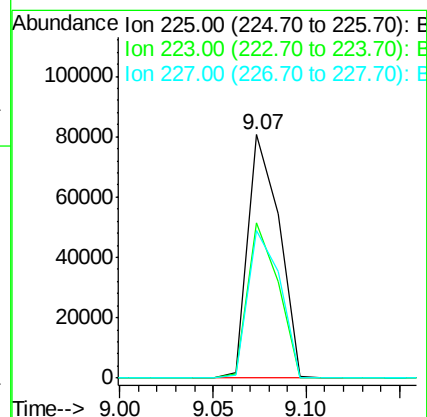
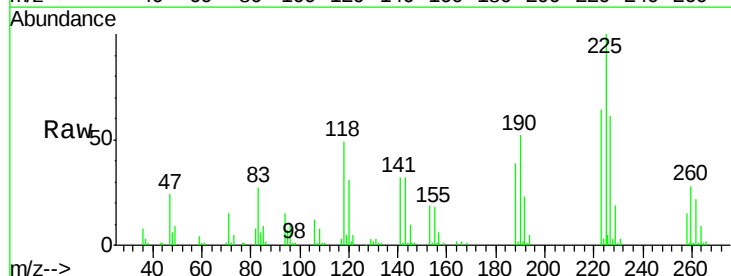
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#34
Hexachlorobutadiene
Concen: 36.06 ng
RT: 9.07 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	48.2	72.4		
227	60.9	51.4	77.0		





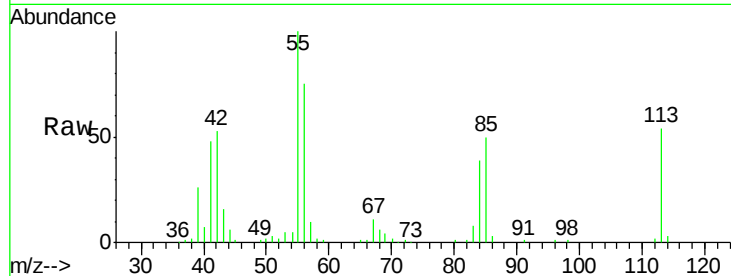
#35
 Caprolactam
 Concen: 42.60 ng
 RT: 9.43 min Scan# 721
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

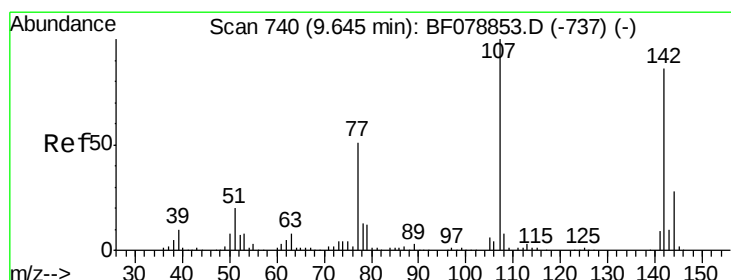
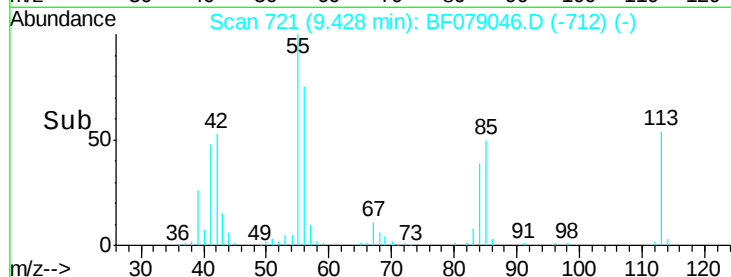
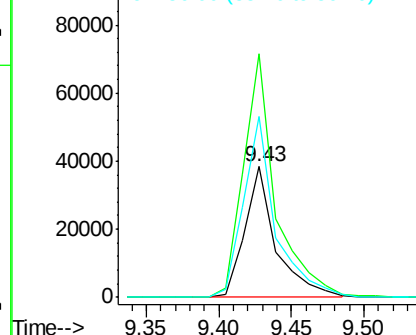
Tot Ion	Ratio	Resp	Lower	Upper
113	100	56915		
55	186.5	169.7	209.7	
56	138.9	122.5	162.5	

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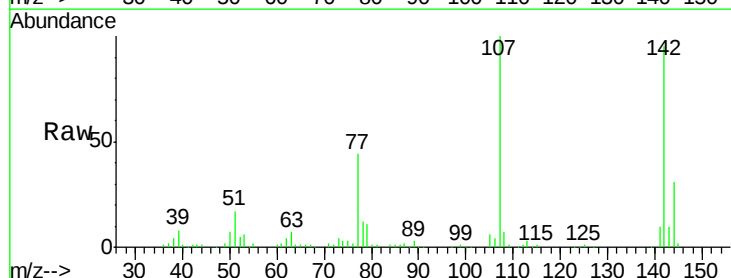


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

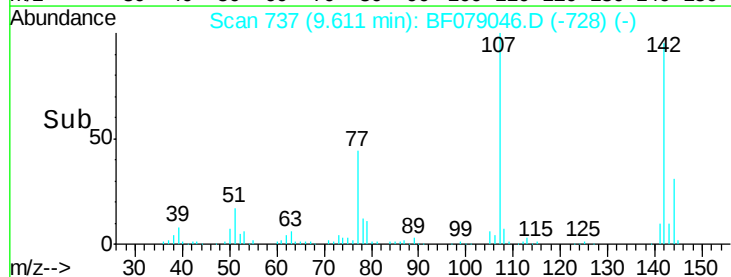
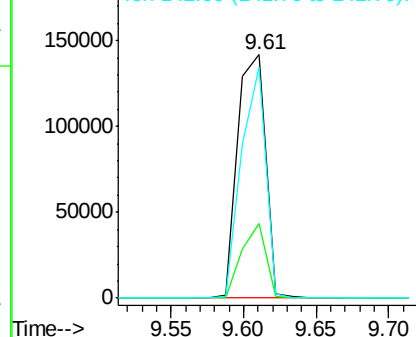


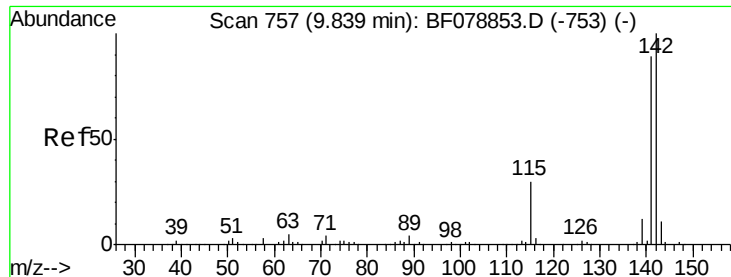
#36
 4-Chloro-3-methylphenol
 Concen: 43.74 ng
 RT: 9.61 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	189846		
144	30.6	19.8	29.6#	
142	94.7	60.6	91.0#	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





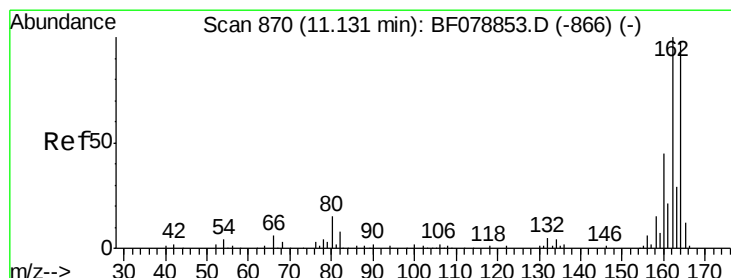
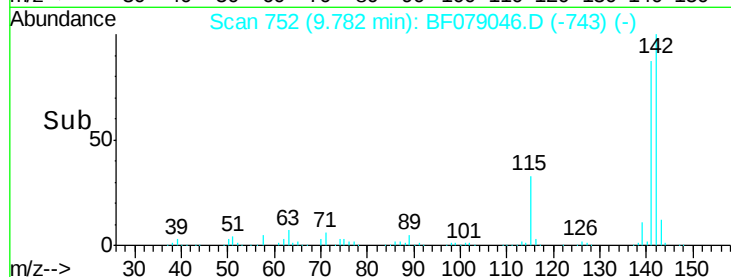
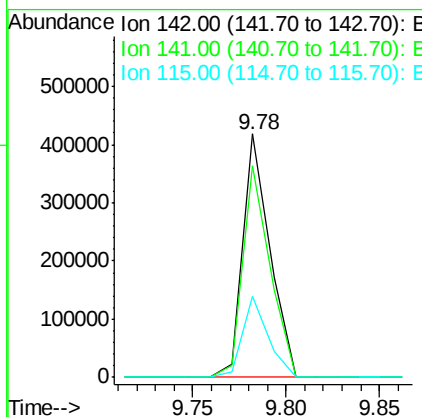
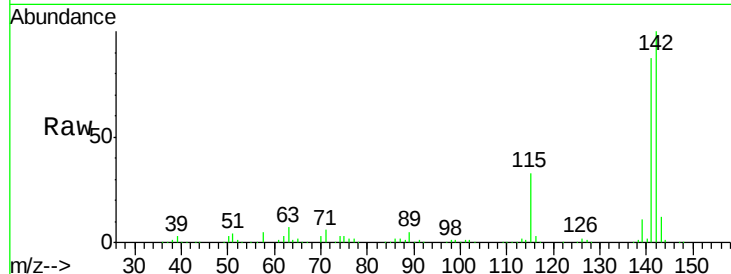
#37
2-Methylnaphthalene
Concen: 39.13 ng
RT: 9.78 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.9	106.3
115	33.3	28.5	42.7

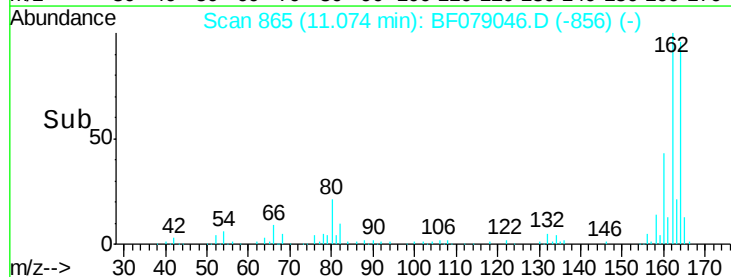
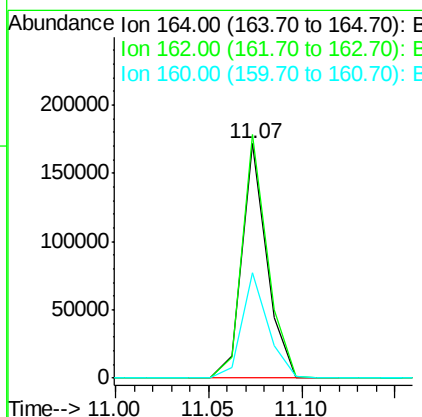
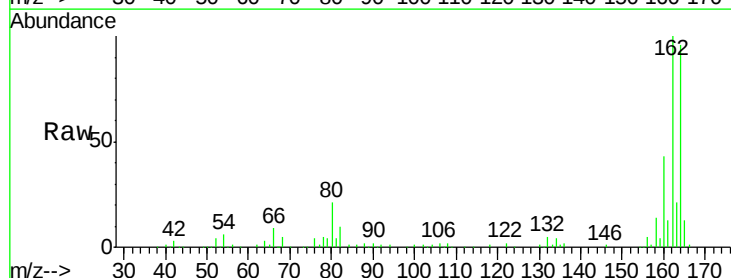
Manual Integrations
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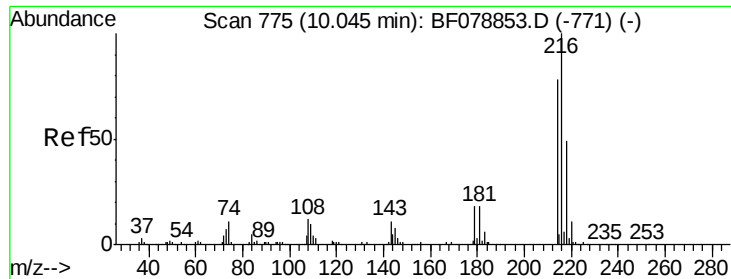
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.7	124.1
160	44.9	35.8	53.8





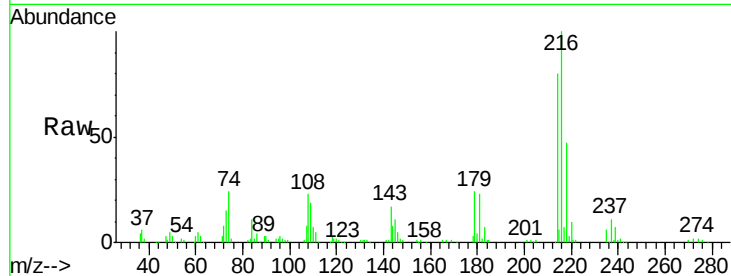
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.50 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

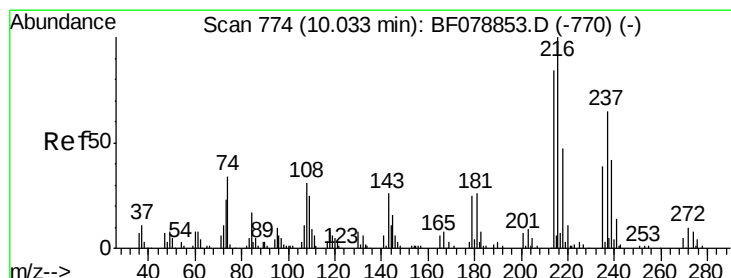
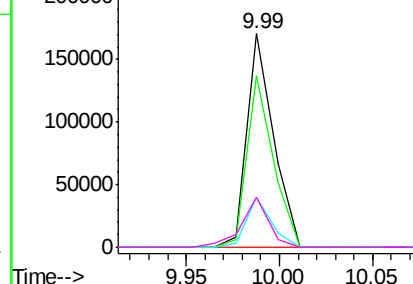
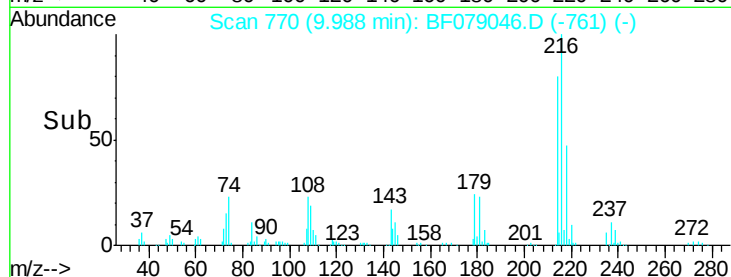
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.3	0.0	0.0#		
179	22.3	0.0	0.0#		
108	24.1	0.0	0.0#		

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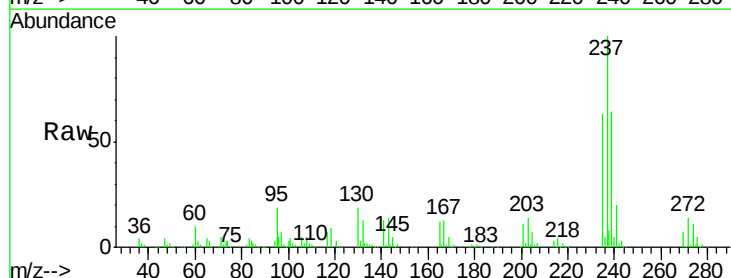


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

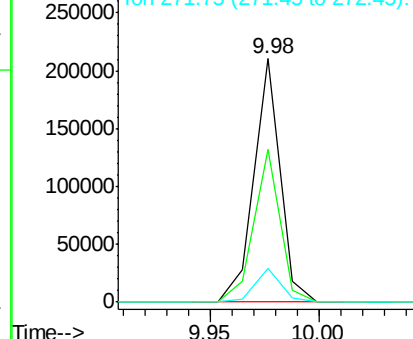
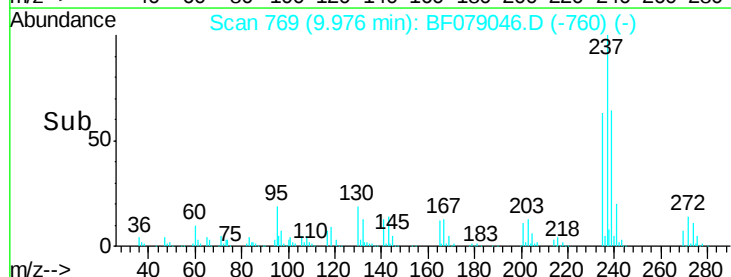


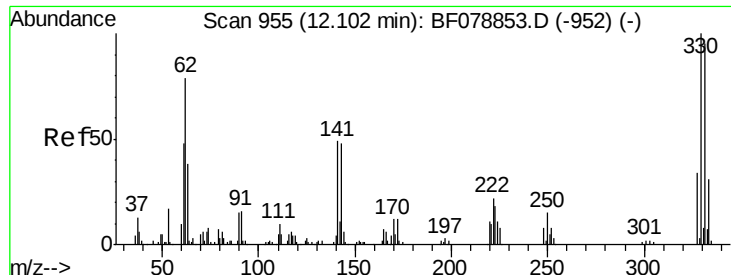
#40
 Hexachlorocyclopentadiene
 Concen: 77.82 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.9	44.7	84.7		
272	13.7	0.0	32.6		



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





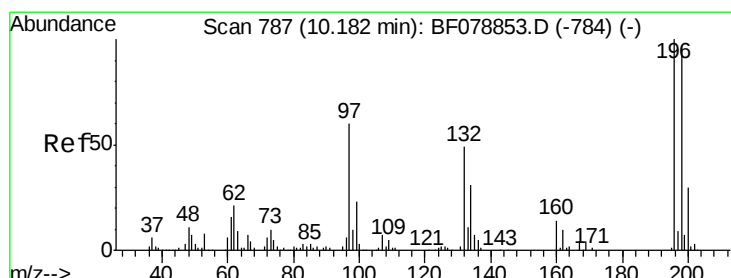
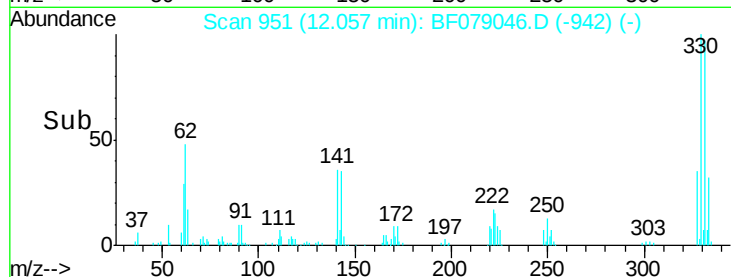
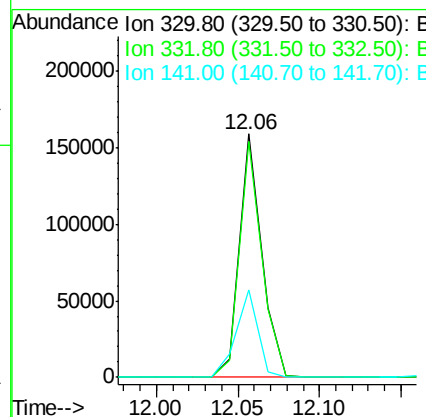
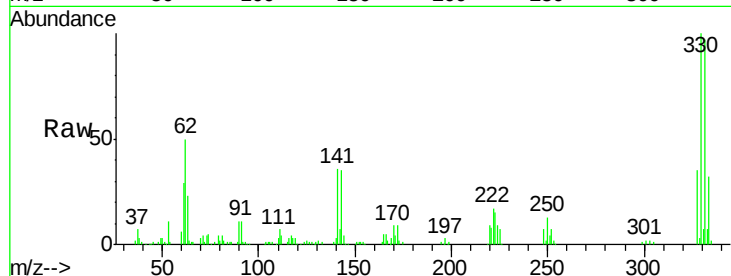
#41
 2,4,6-Tribromophenol
 Concen: 87.03 ng
 RT: 12.06 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleID :
 PB83253BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	35.0	0.0	0.0#

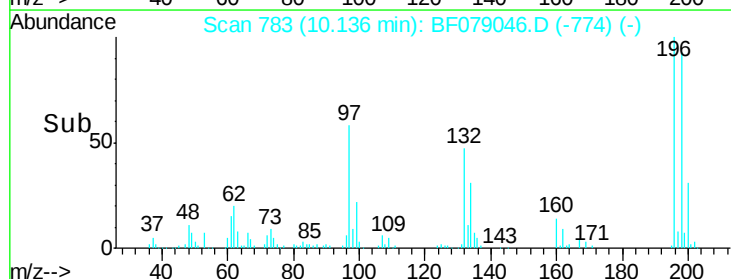
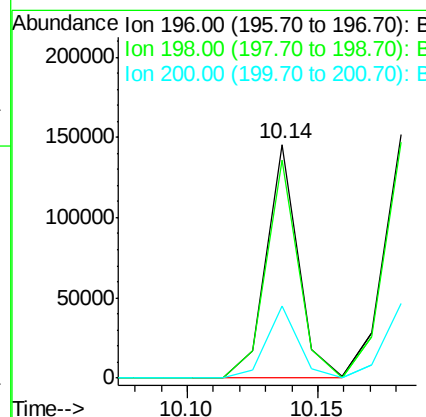
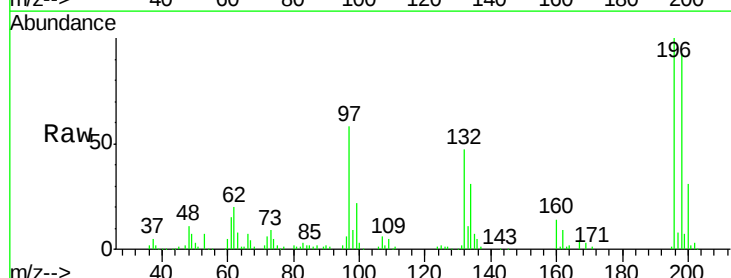
Manual Integrations
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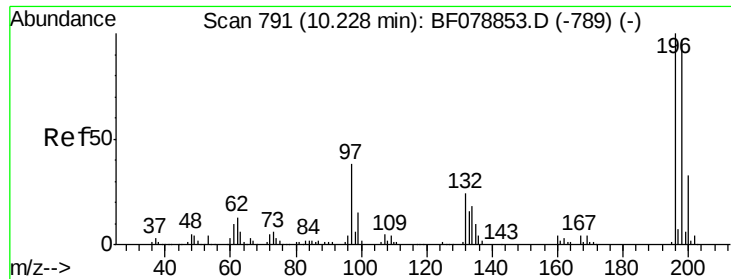
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#42
 2,4,6-Trichlorophenol
 Concen: 40.38 ng
 RT: 10.14 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.1	80.5	120.7
200	30.8	24.9	37.3





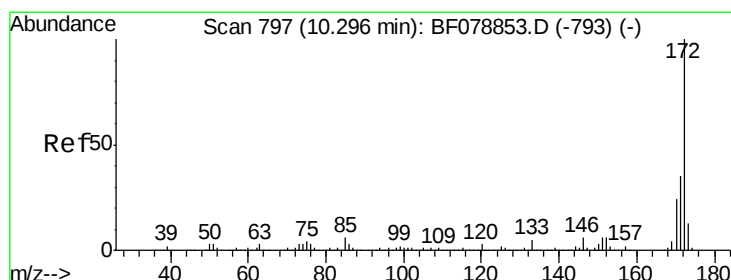
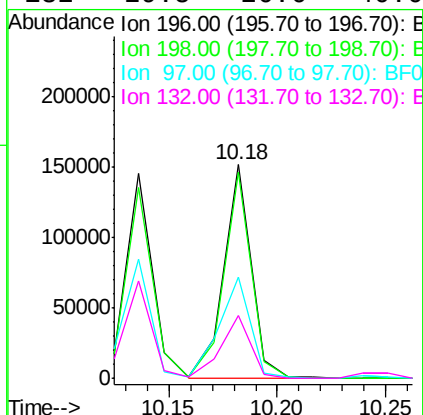
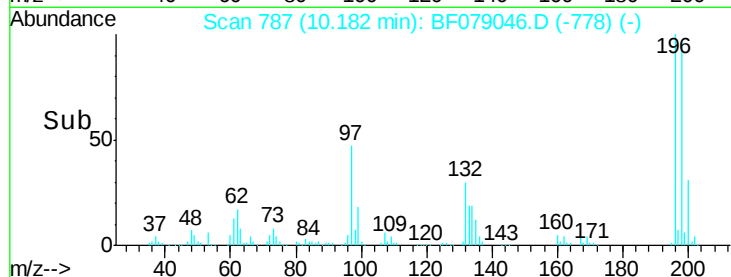
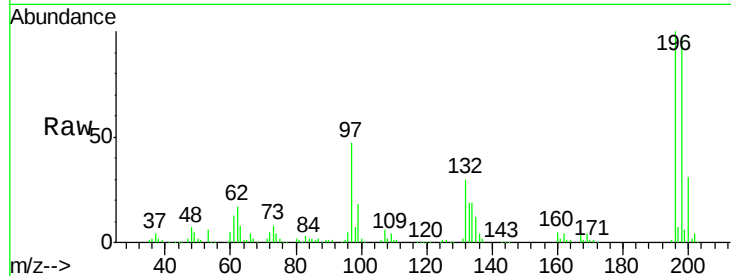
#43
 2,4,5-Trichlorophenol
 Concen: 42.78 ng
 RT: 10.18 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion:	196	Resp:	133412
Ion Ratio	Lower	Upper	
196	100		
198	96.7	79.8	119.6
97	47.2	46.0	69.0
132	29.5	26.6	40.0

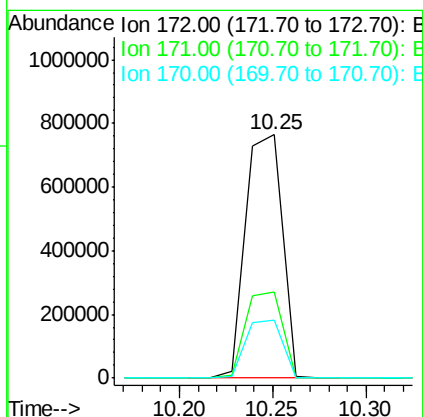
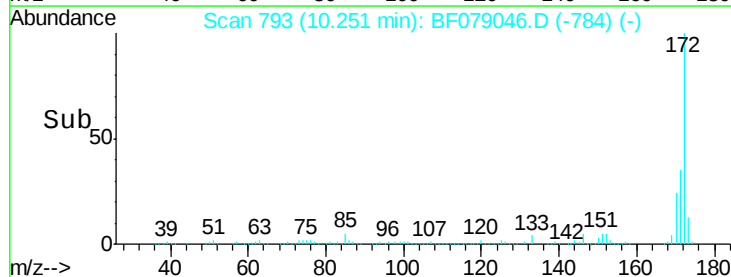
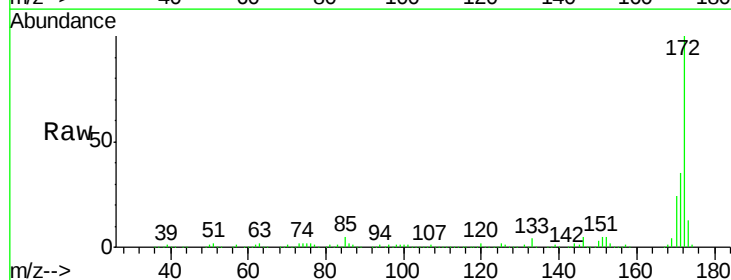
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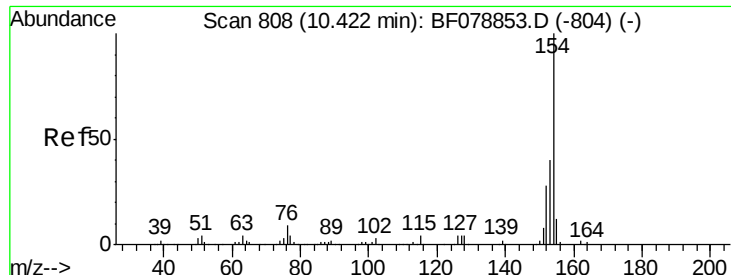
apatel
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#44
 2-Fluorobiphenyl
 Concen: 91.11 ng
 RT: 10.25 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion:	172	Resp:	1041868
Ion Ratio	Lower	Upper	
172	100		
171	35.2	27.9	41.9
170	23.8	19.4	29.0





#45

1,1'-Biphenyl

Concen: 40.30 ng

RT: 10.37 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

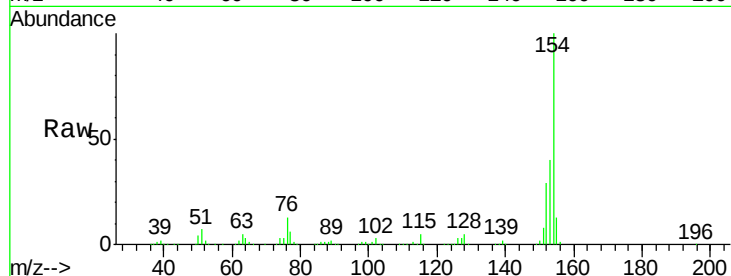
ClientSampleId :

PB83253BSD

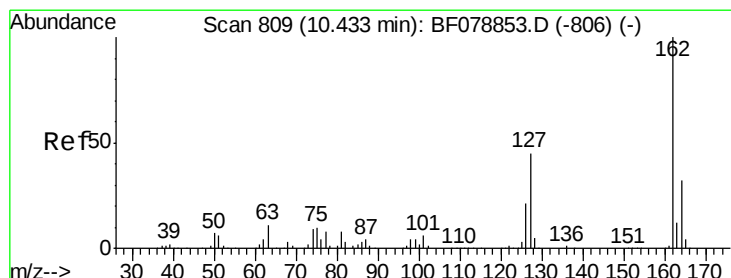
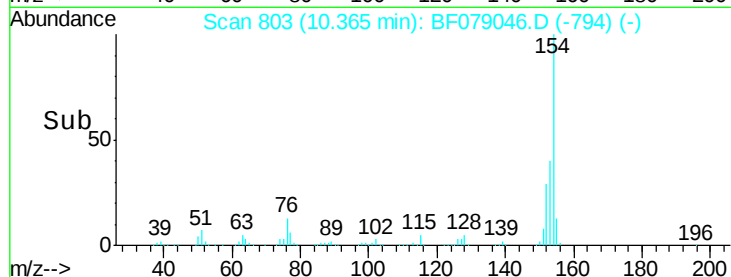
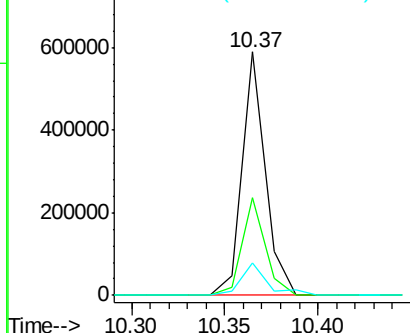
Tot Ion:	154	Resp:	510438
Ion Ratio	Lower	Upper	
154	100		
153	39.9	19.9	59.9
76	13.4	0.0	35.0

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Abundance Ion 154.00 (153.70 to 154.70): E
800000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.19 ng

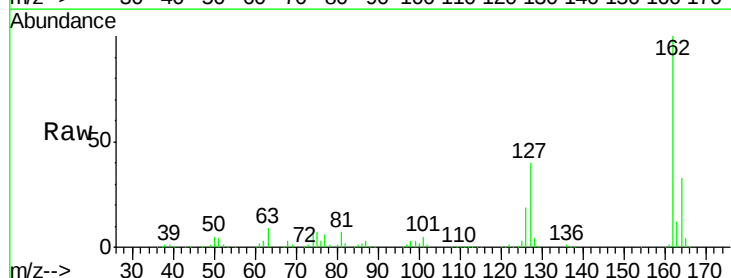
RT: 10.39 min Scan# 805

Delta R.T. 0.00 min

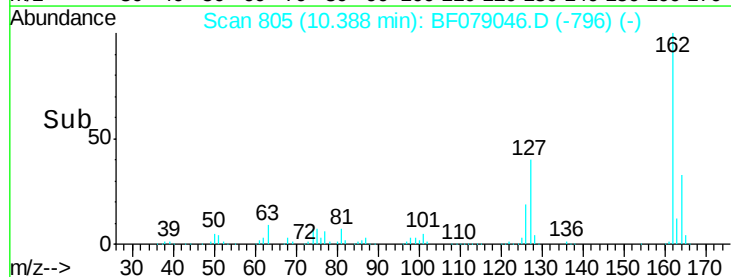
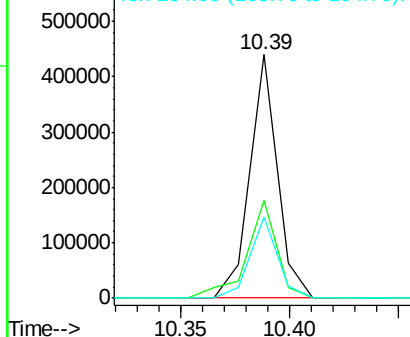
Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	162	Resp:	387128
Ion Ratio	Lower	Upper	
162	100		
127	40.0	33.9	50.9
164	33.0	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
600000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





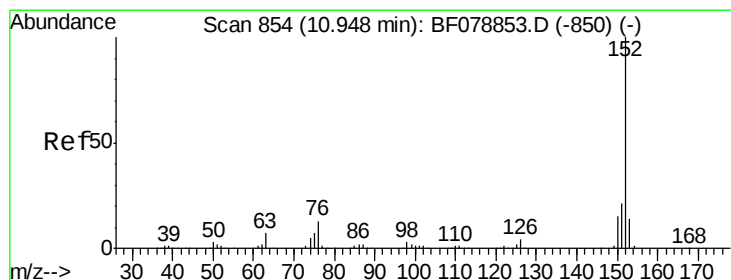
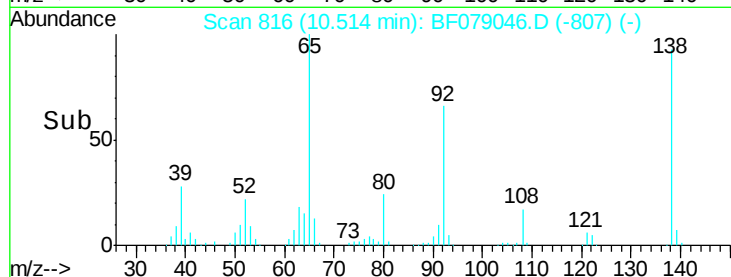
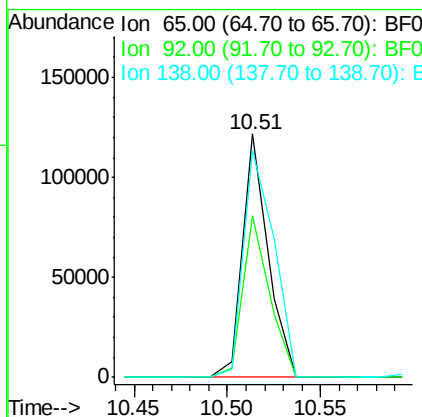
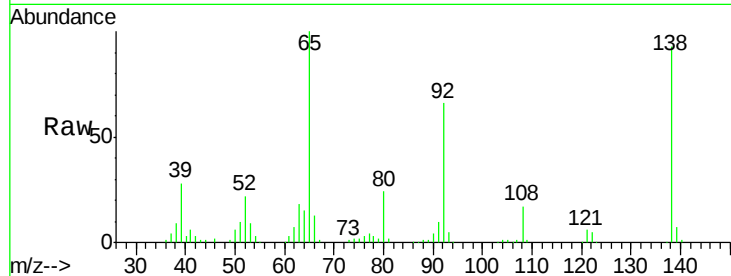
#47
2-Nitroaniline
Concen: 40.59 ng
RT: 10.51 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.5	54.0	81.0
138	93.0	75.0	112.6

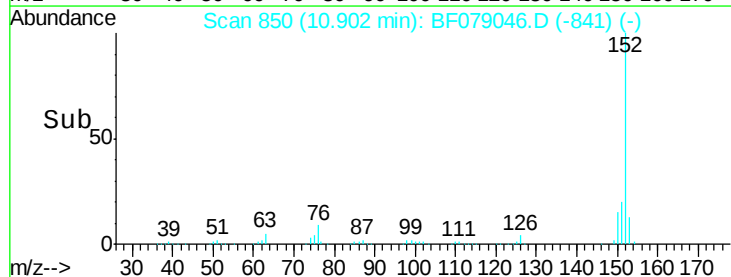
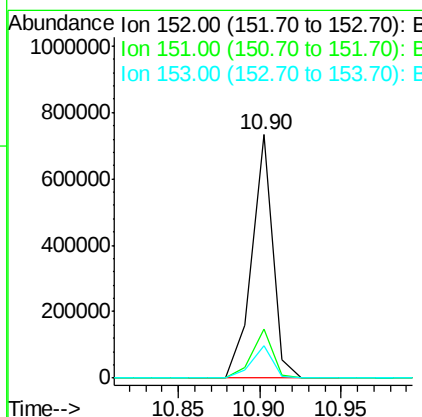
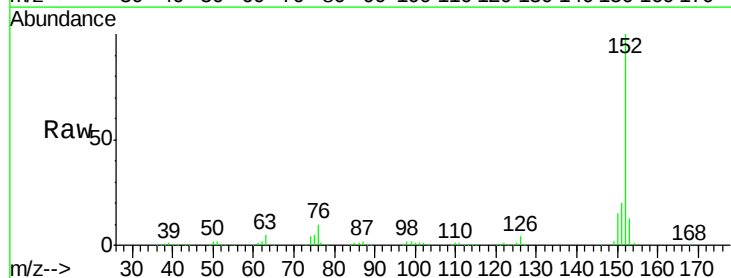
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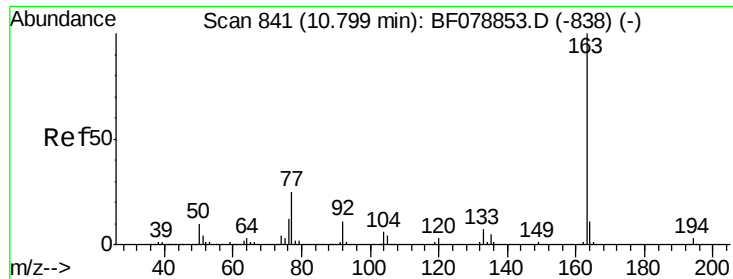
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#48
Acenaphthylene
Concen: 40.24 ng
RT: 10.90 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.3	10.9	16.3





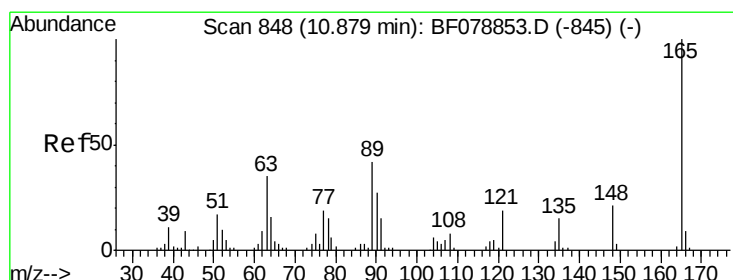
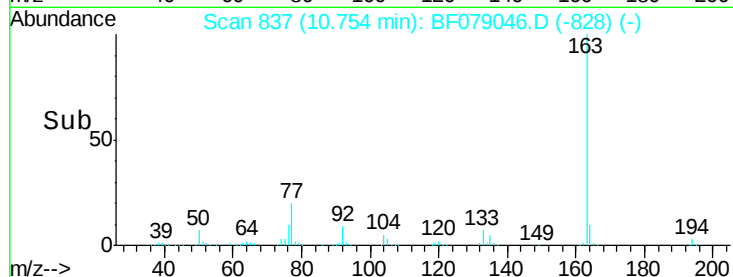
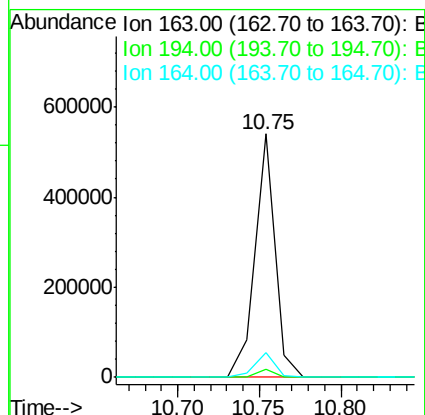
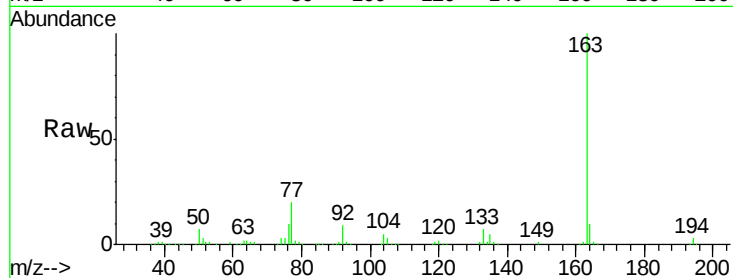
#49
Dimethylphthalate
Concen: 39.57 ng
RT: 10.75 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.1	12.1

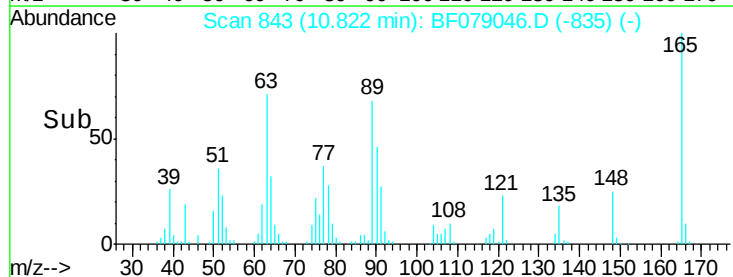
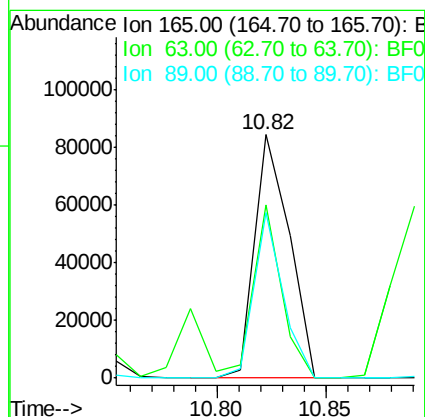
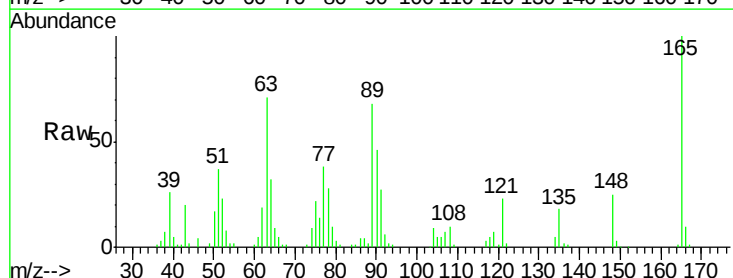
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#50
2,6-Dinitrotoluene
Concen: 40.73 ng
RT: 10.82 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	71.4	54.4	81.6
89	68.2	55.7	83.5





#51

Acenaphthene

Concen: 38.90 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

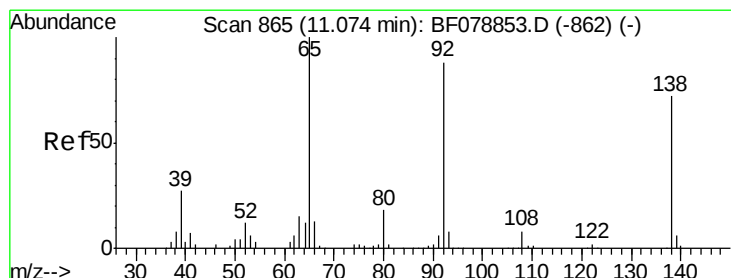
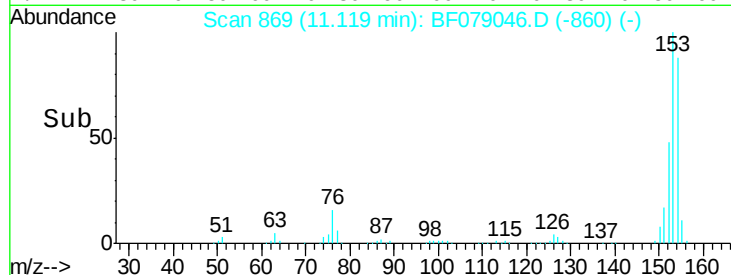
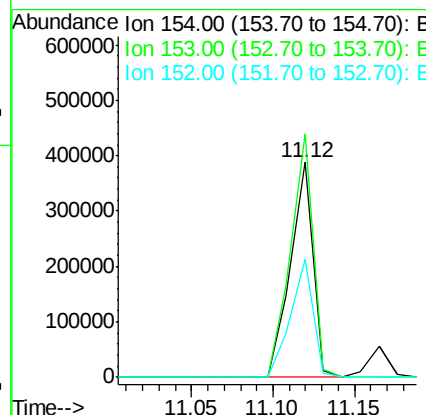
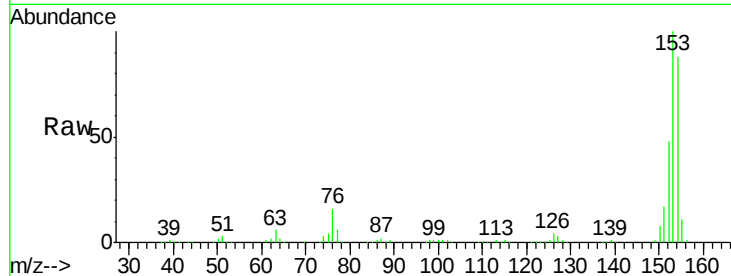
ClientSampled :

PB83253BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.5	137.3
152	54.7	44.2	66.4

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#52

3-Nitroaniline

Concen: 27.03 ng

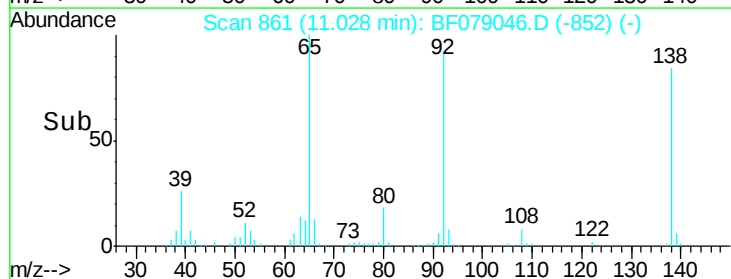
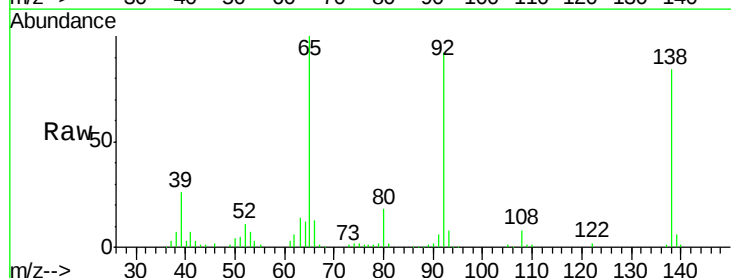
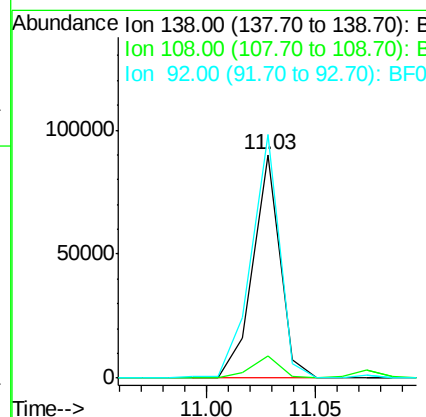
RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.6	16.0#
92	109.0	81.8	122.6





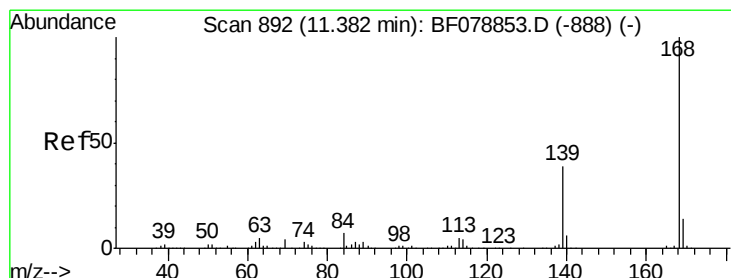
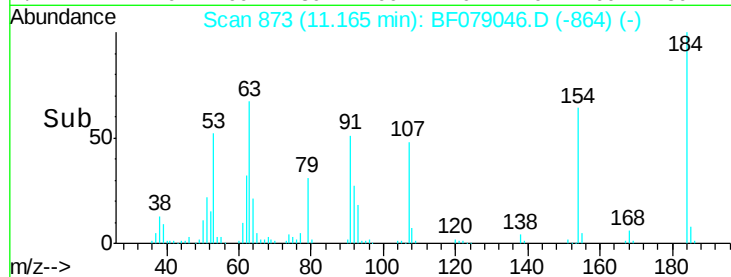
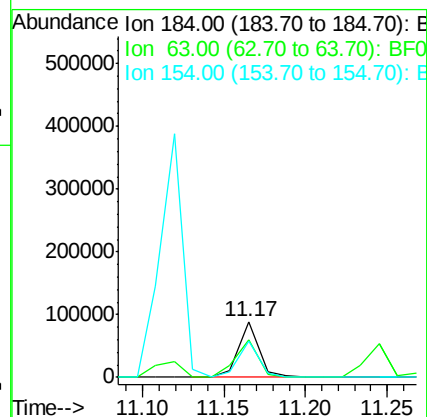
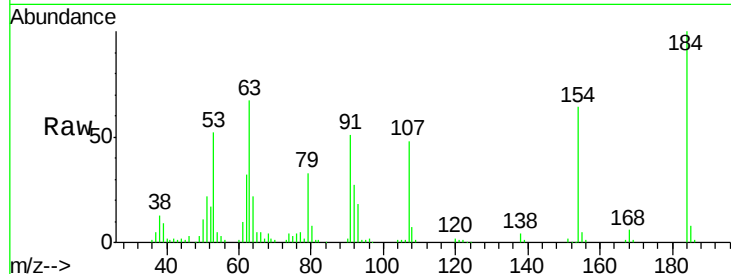
#53
2,4-Dinitrophenol
Concen: 79.79 ng
RT: 11.17 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.8	63.3	94.9
154	64.2	53.8	80.6

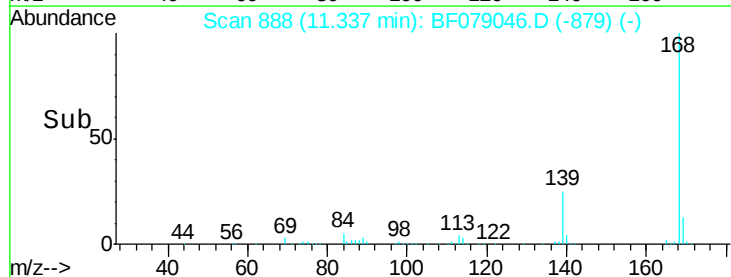
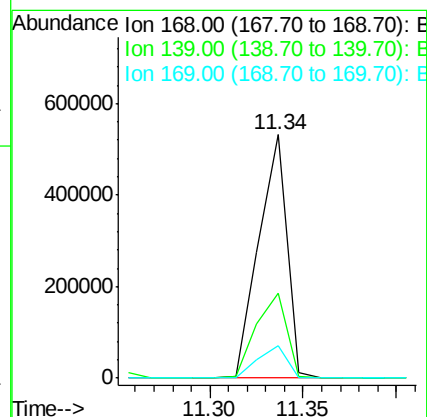
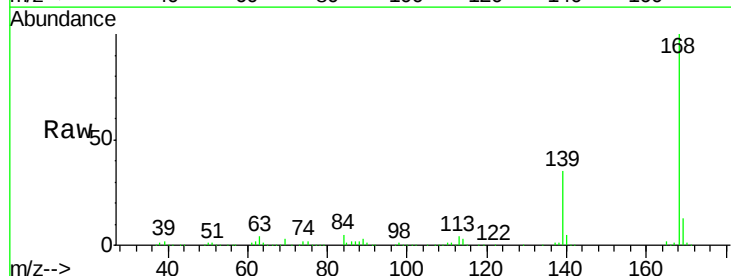
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#54
Dibenzofuran
Concen: 40.52 ng
RT: 11.34 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	31.0	46.4
169	13.2	10.6	16.0





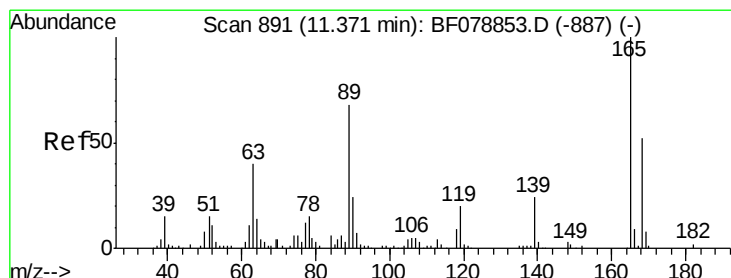
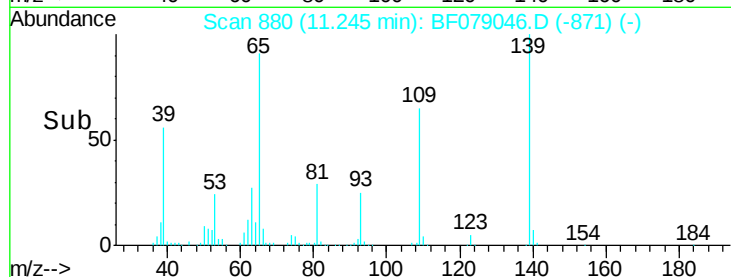
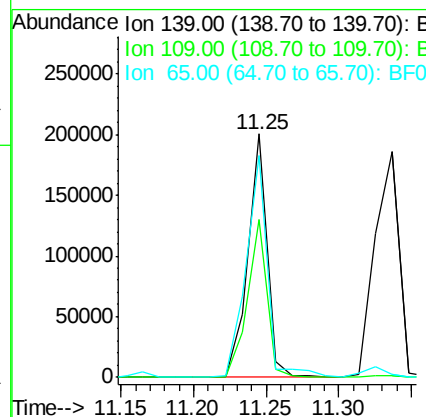
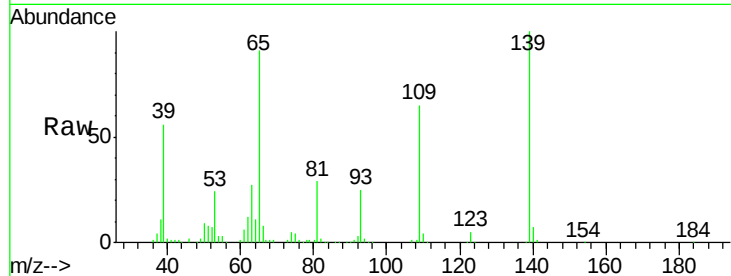
#55
4-Nitrophenol
Concen: 81.20 ng
RT: 11.25 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.1	47.6	87.6	
65	91.3	54.3	94.3	

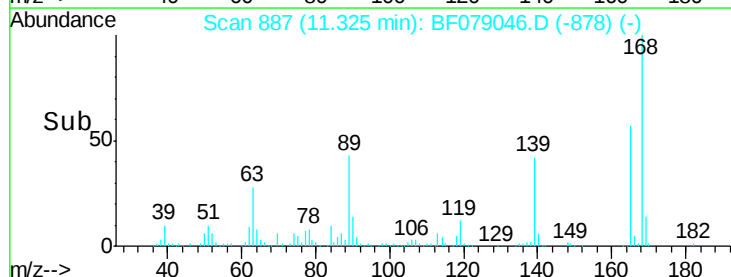
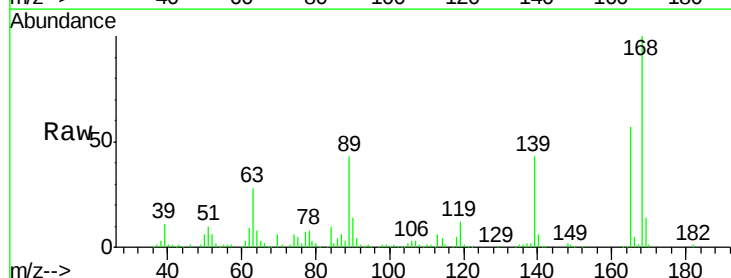
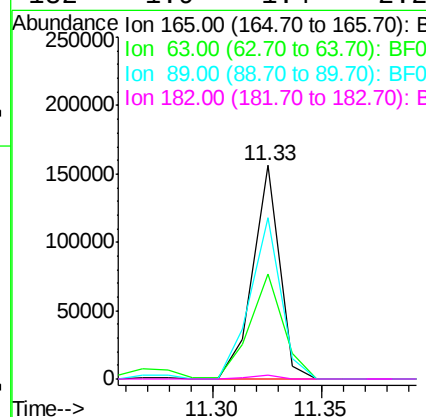
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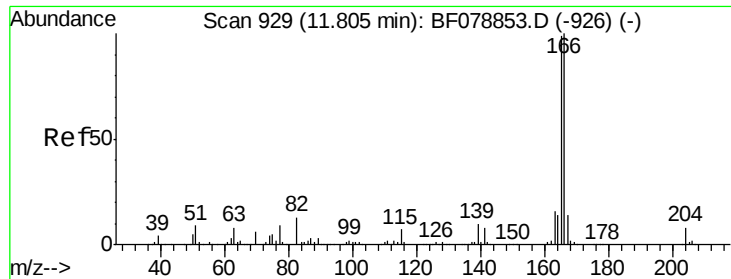
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#56
2,4-Dinitrotoluene
Concen: 43.77 ng
RT: 11.33 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.4	51.2	76.8#	
89	75.3	82.7	124.1#	
182	1.9	1.4	2.2	





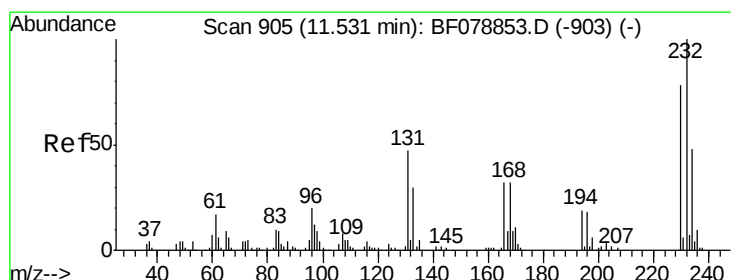
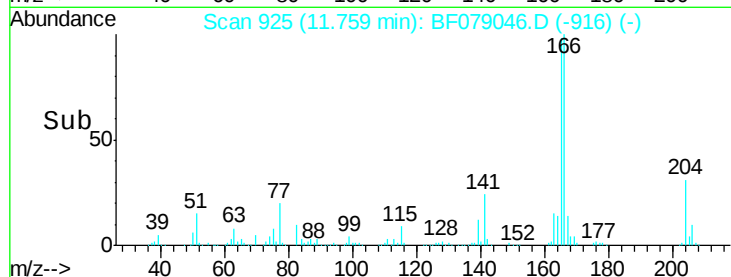
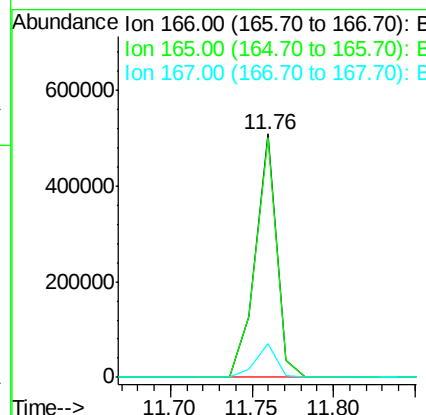
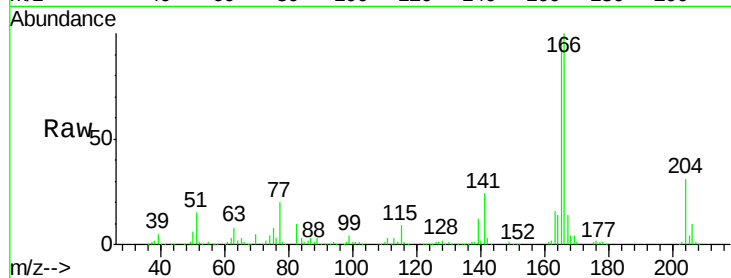
#57
 Fluorene
 Concen: 40.30 ng
 RT: 11.76 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	462170		
165	98.5	78.5	117.7	
167	13.7	11.0	16.6	

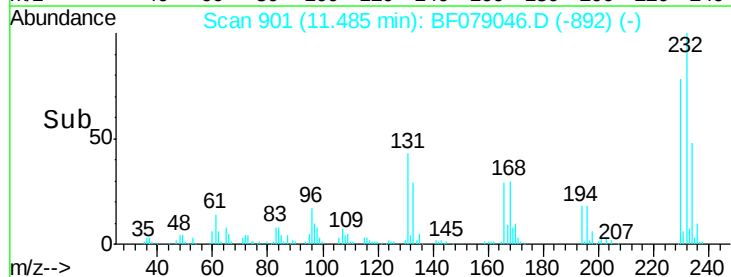
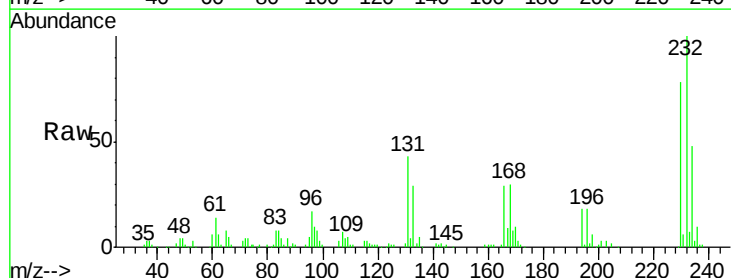
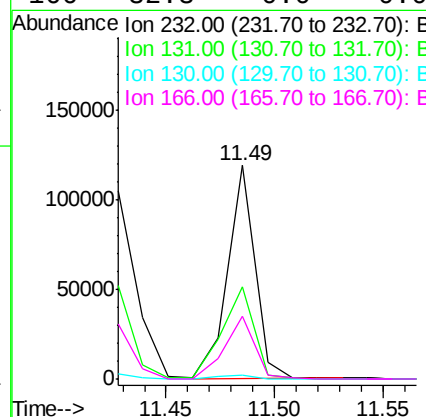
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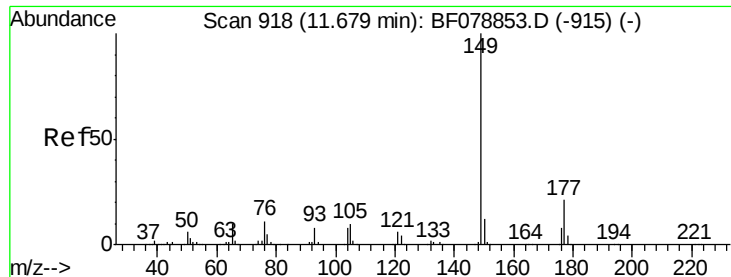
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.83 ng
 RT: 11.49 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	104060		
131	50.4	0.0	0.0#	
130	2.3	0.0	0.0#	
166	32.3	0.0	0.0#	





#59

Diethylphthalate

Concen: 41.27 ng

RT: 11.63 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

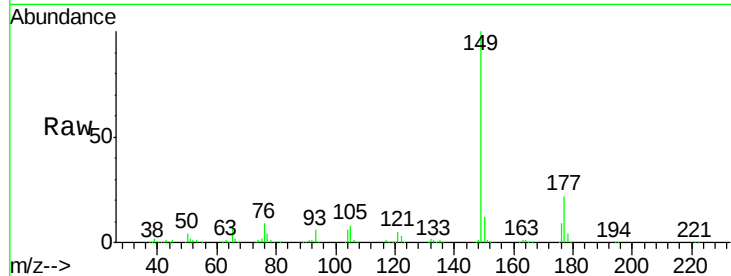
ClientSampleId :

PB83253BSD

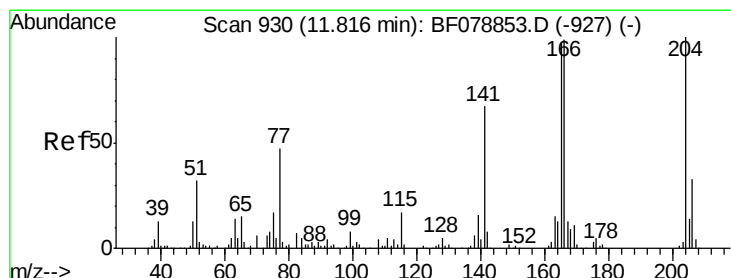
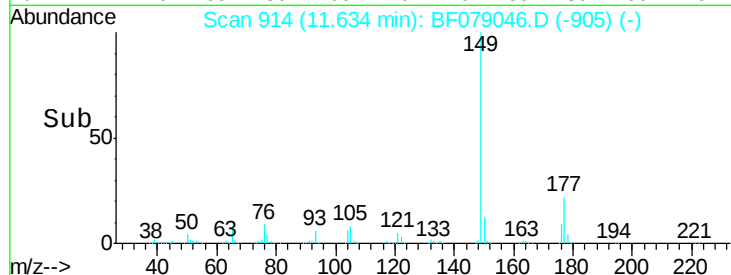
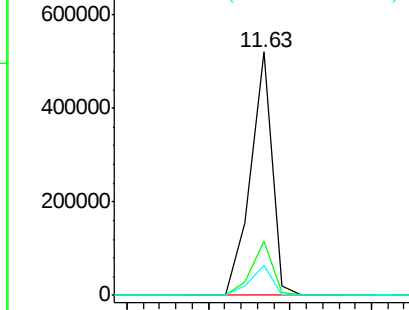
Tot Ion:	149	Resp:	478088
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.5	26.3
150	12.2	9.6	14.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.72 ng

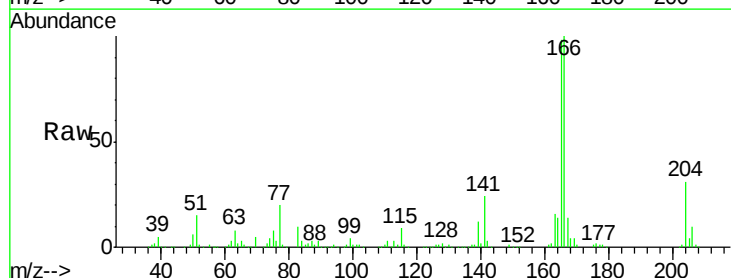
RT: 11.76 min Scan# 925

Delta R.T. -0.01 min

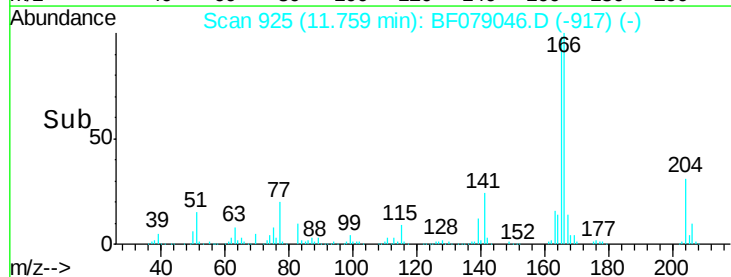
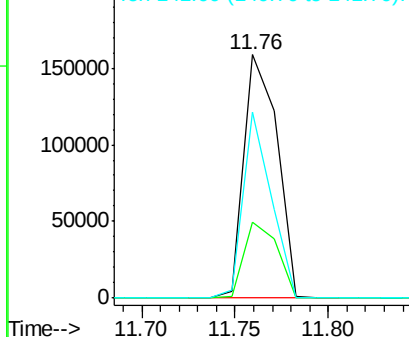
Lab File: BF079046.D

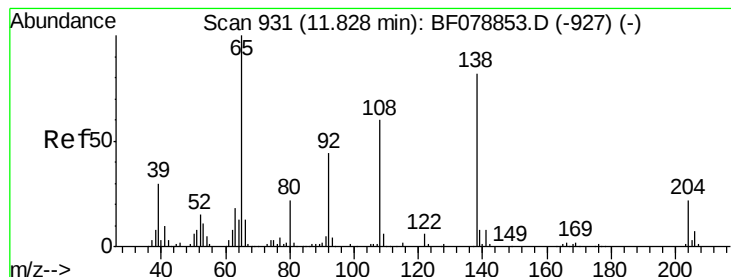
Acq: 8 May 2015 19:14

Tgt Ion:	204	Resp:	196975
Ion Ratio	Lower	Upper	
204	100		
206	31.2	26.9	40.3
141	76.5	48.3	72.5#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





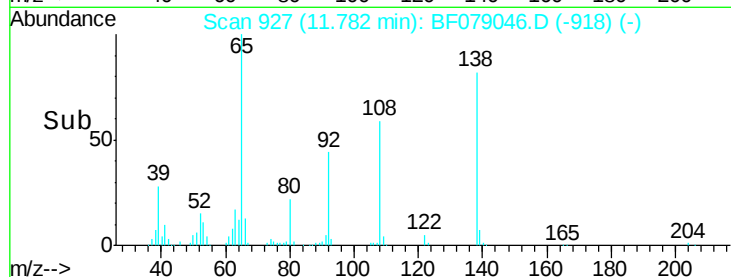
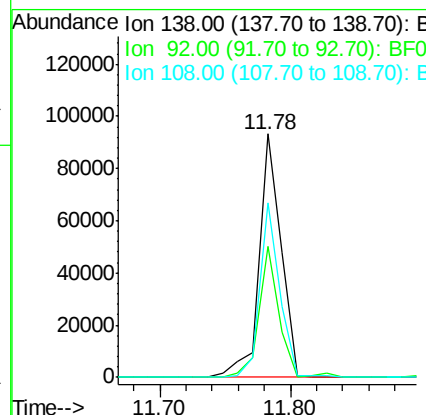
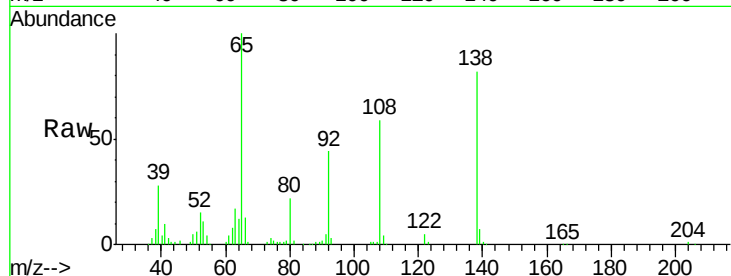
#61
4-Nitroaniline
Concen: 37.71 ng
RT: 11.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	108734		
92	53.9	28.0	68.0	
108	71.7	56.3	96.3	

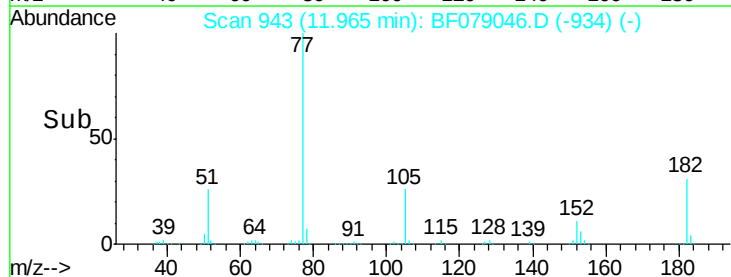
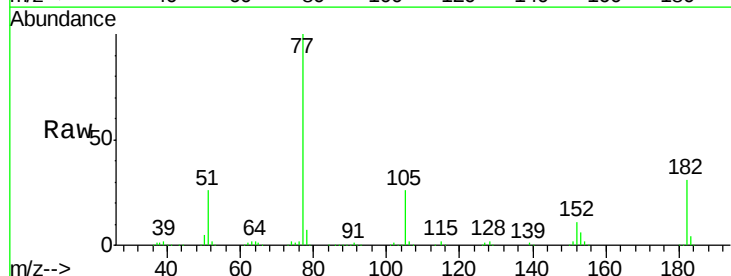
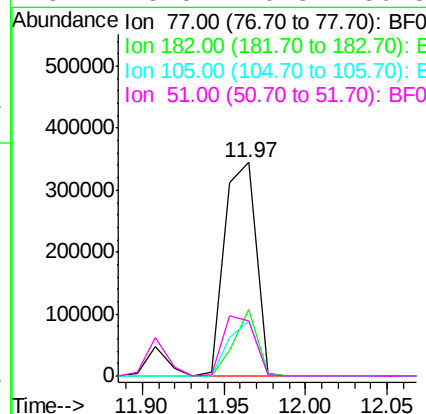
Manual Integrations
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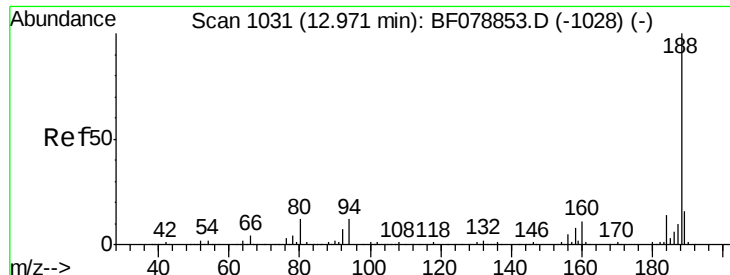
apatel
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#62
Azobenzene
Concen: 40.18 ng
RT: 11.97 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	458653		
182	31.0	3.8	43.8	
105	26.0	3.9	43.9	
51	25.8	10.8	50.8	





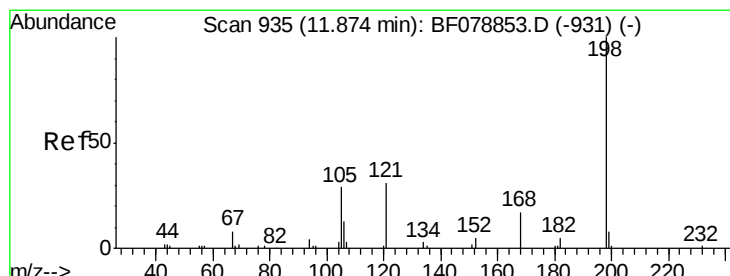
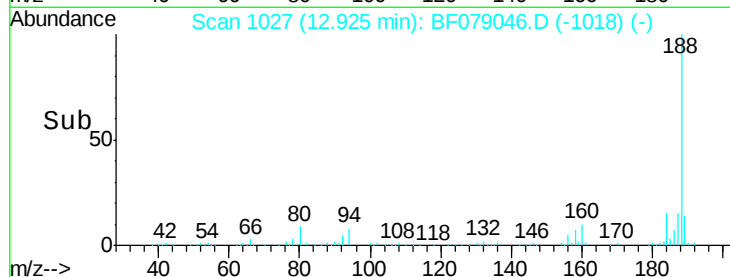
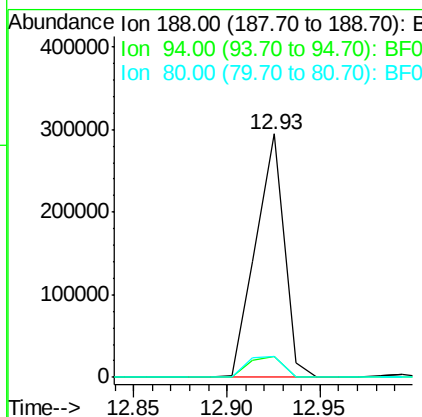
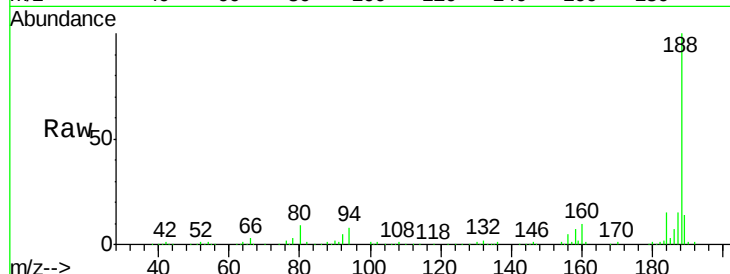
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.4	8.2	12.2
80	8.6	8.9	13.3#

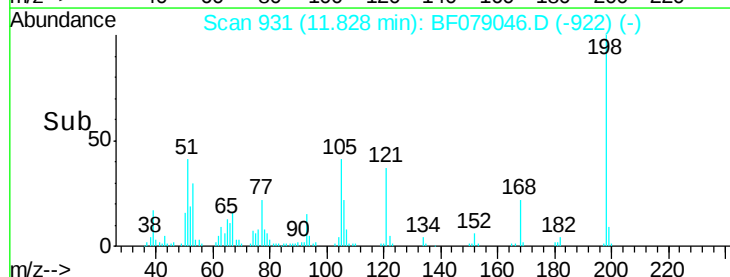
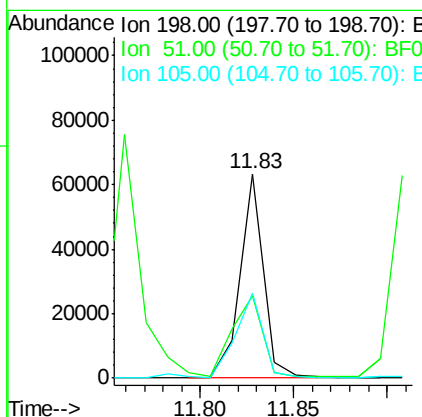
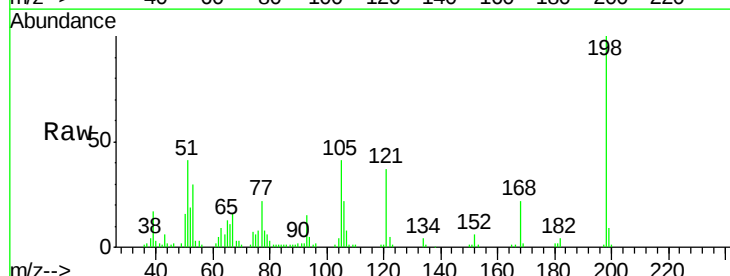
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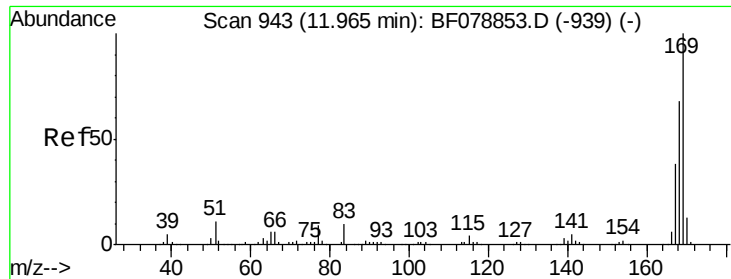
apatel
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.38 ng
RT: 11.83 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	40.6	47.3	87.3#
105	41.4	38.8	78.8





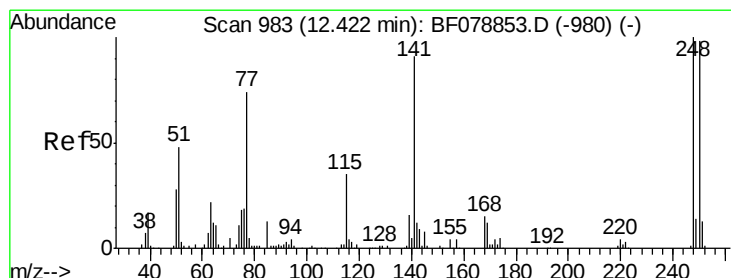
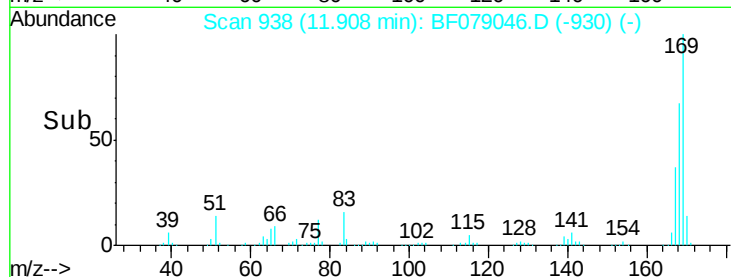
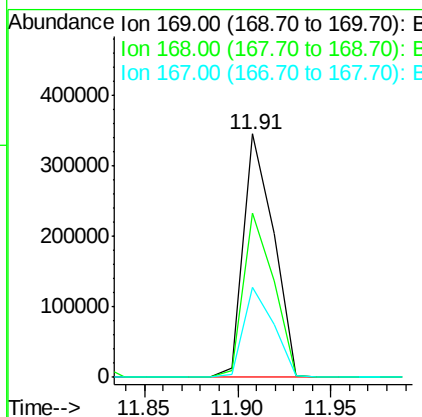
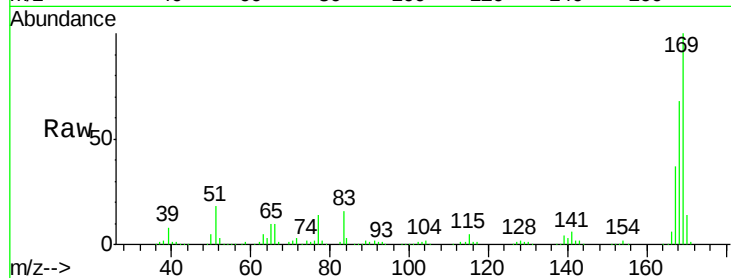
#65
 n-Nitrosodiphenylamine
 Concen: 37.43 ng
 RT: 11.91 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	388020		
168	67.6		54.6	82.0
167	37.1		30.6	45.8

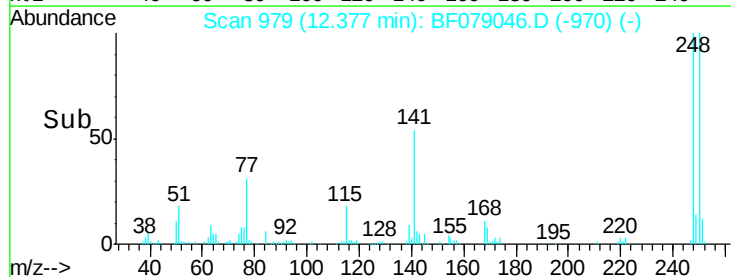
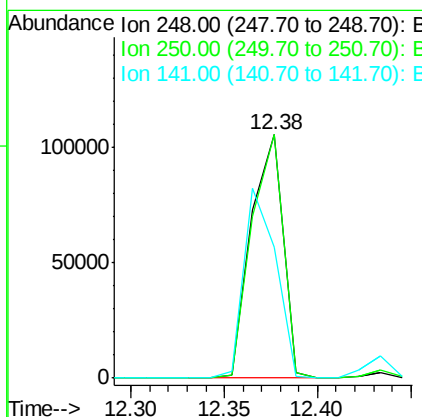
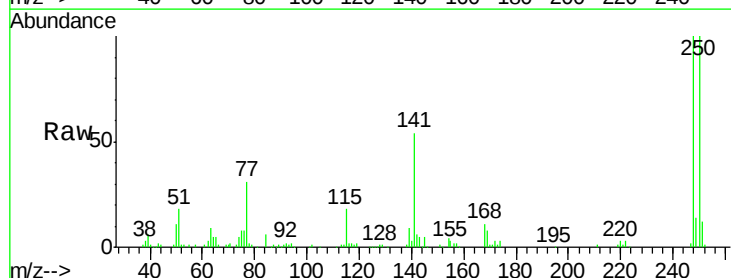
Manual Integrations
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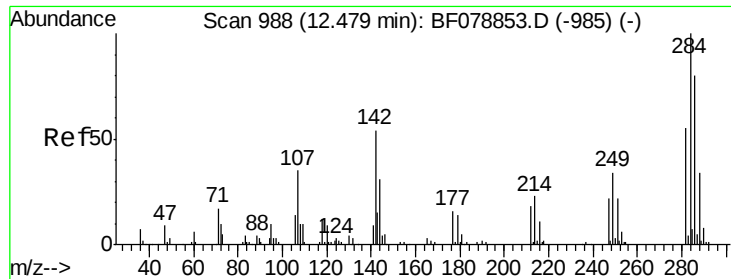
apatel
 5/12/2015 3:44:00 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.45 ng
 RT: 12.38 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	124760		
250	99.8		77.1	115.7
141	53.8		58.8	88.2





#67

Hexachlorobenzene

Concen: 38.01 ng

RT: 12.43 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

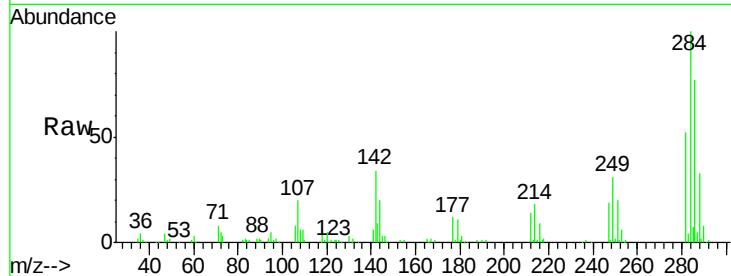
ClientSampleId :

PB83253BSD

Tot Ion:	284	Resp:	140985
Ion Ratio	Lower	Upper	
284	100		
142	33.8	35.2	52.8#
249	30.9	25.4	38.2

Manual Integrations
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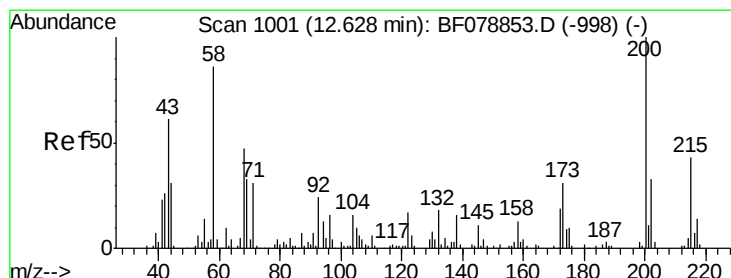
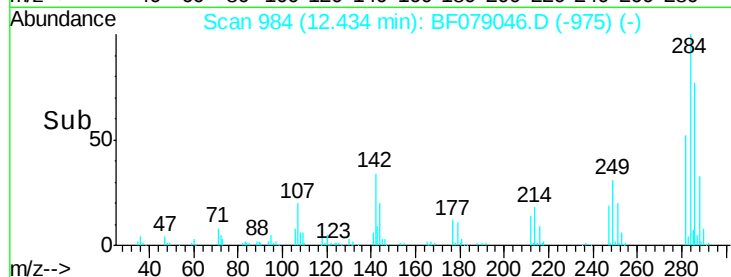
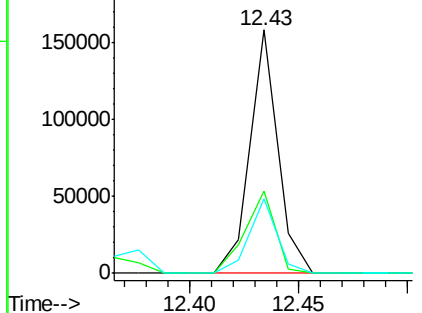
apatel
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.81 ng

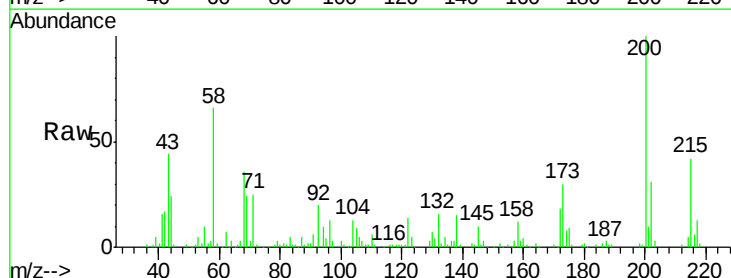
RT: 12.58 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

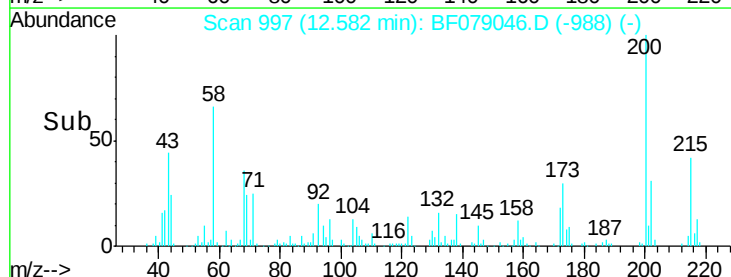
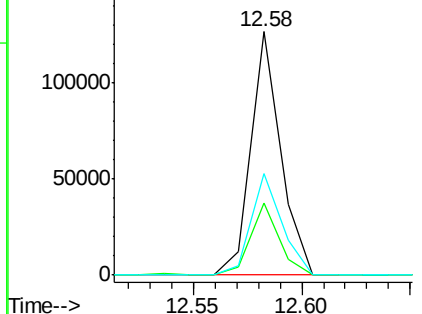
Tgt Ion:	200	Resp:	120008
Ion Ratio	Lower	Upper	
200	100		
173	29.7	8.1	48.1
215	42.0	22.9	62.9

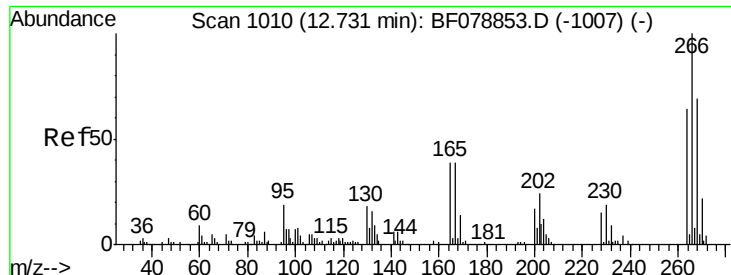


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





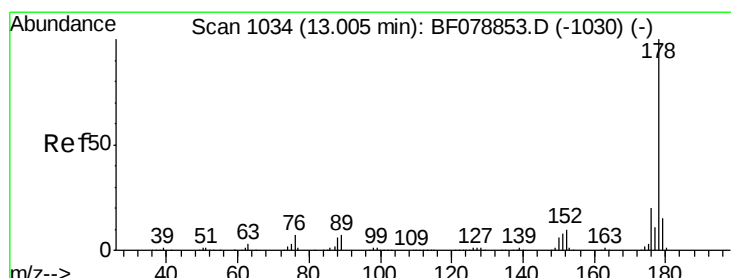
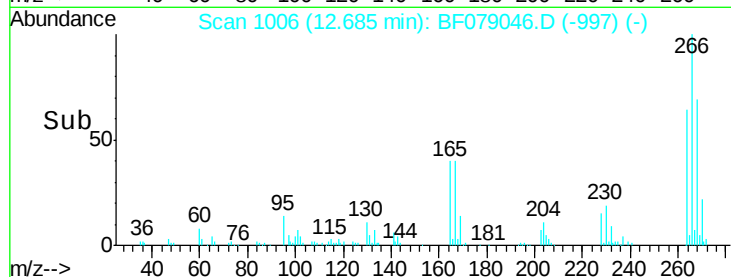
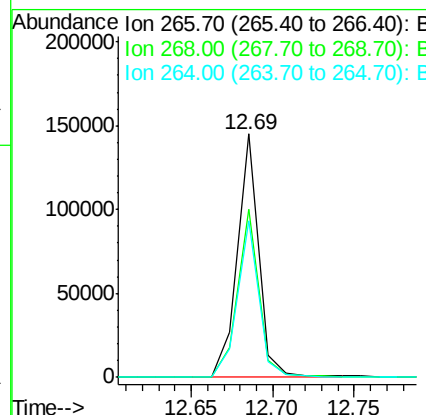
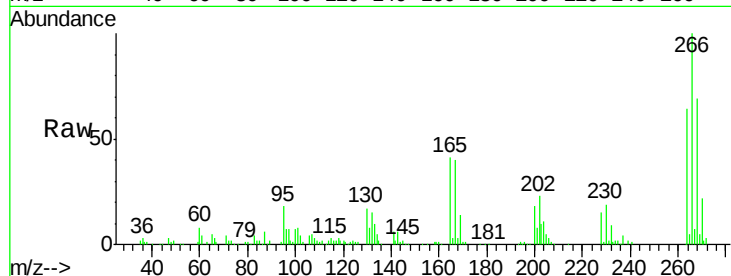
#69
 Pentachlorophenol
 Concen: 62.21 ng
 RT: 12.69 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion:	266	Resp:	131369
Ion Ratio		Lower	Upper
266	100		
268	69.2	55.0	82.6
264	64.2	48.2	72.2

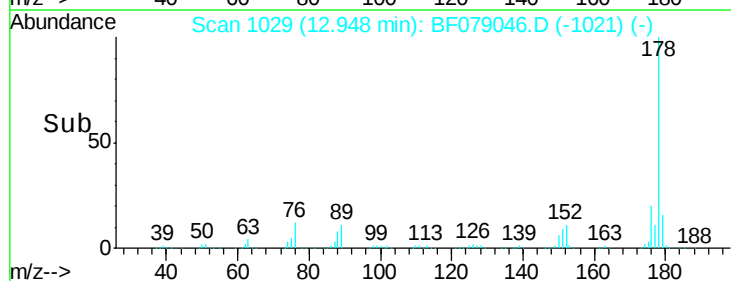
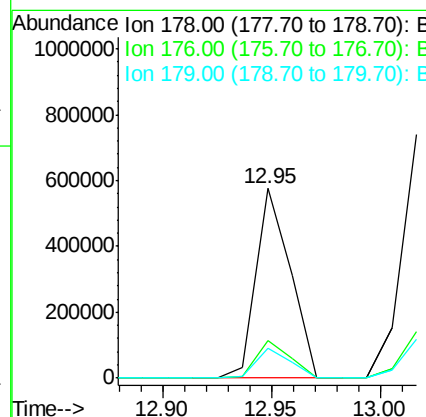
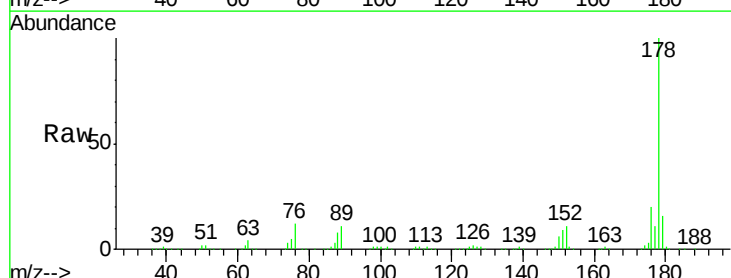
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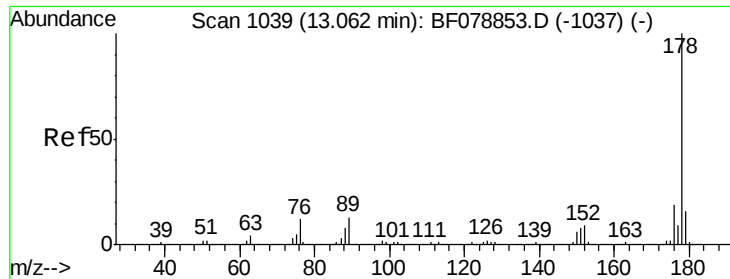
apatel
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#70
 Phenanthrene
 Concen: 36.47 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion:	178	Resp:	635125
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.9	12.5	18.7





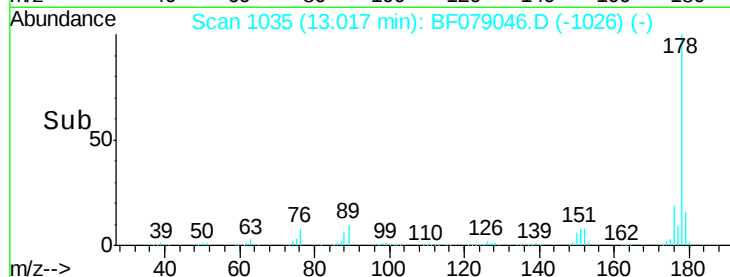
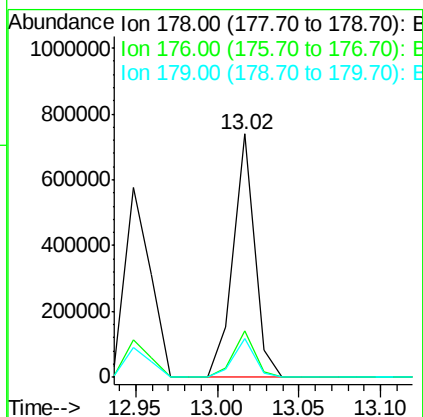
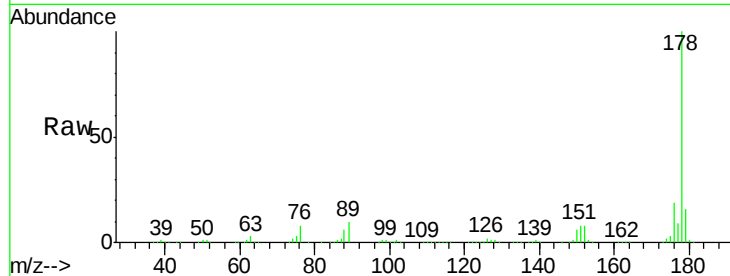
#71
 Anthracene
 Concen: 39.22 ng
 RT: 13.02 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.9	12.7	19.1

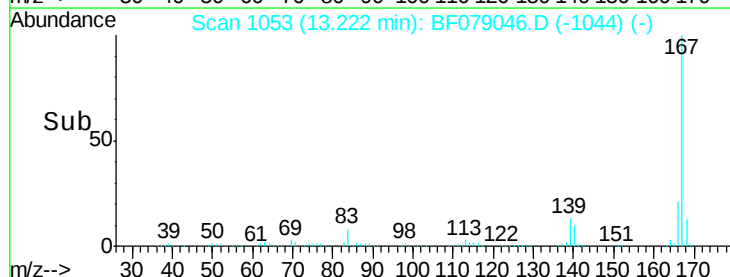
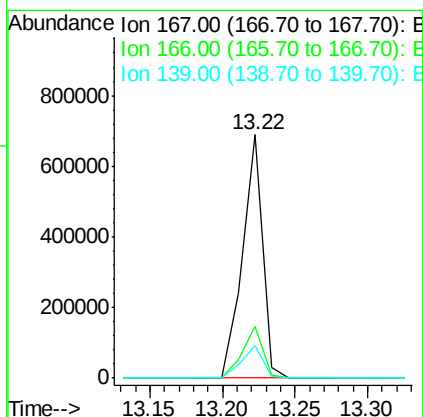
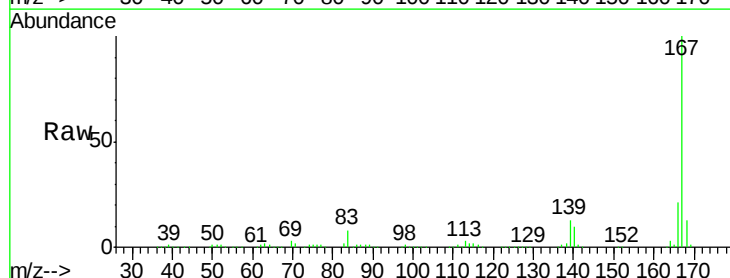
Manual Integrations
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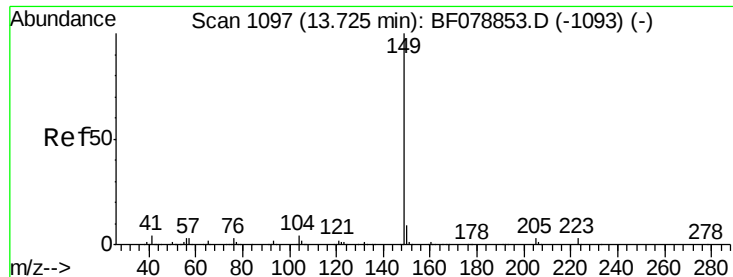
apatel
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#72
 Carbazole
 Concen: 40.63 ng
 RT: 13.22 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.8	26.8
139	13.1	10.6	16.0





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

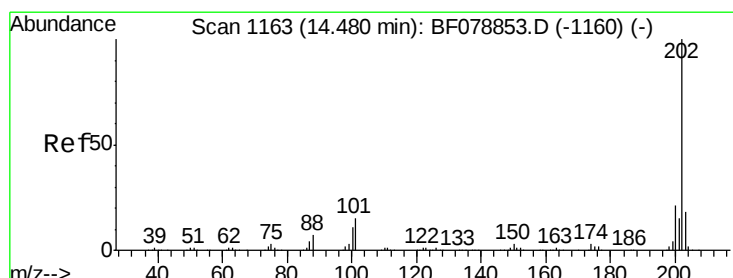
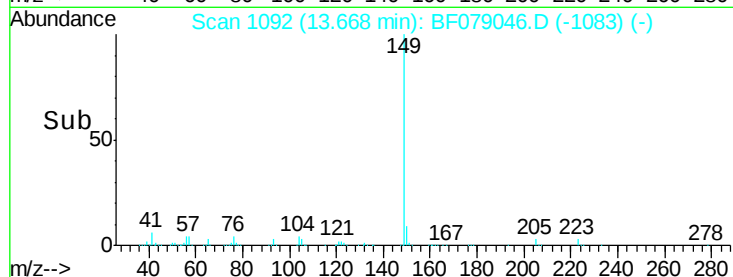
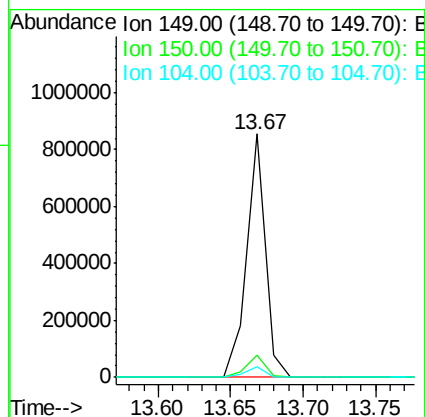
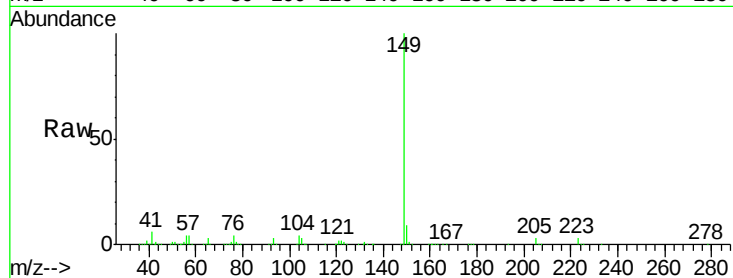
ClientSampleId :

PB83253BSD

Tot Ion:	149	Resp:	768513
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.5	4.6	7.0

Manual Integrations
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#74

Fluoranthene

Concen: 39.12 ng

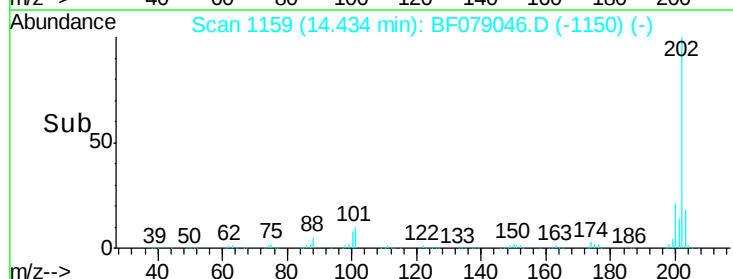
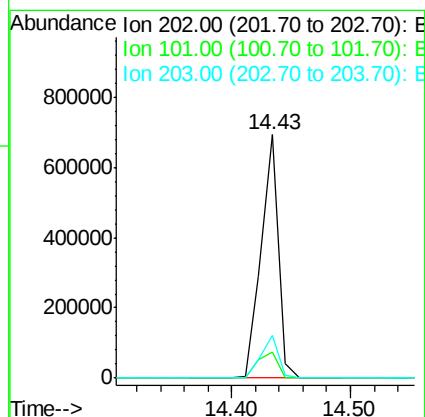
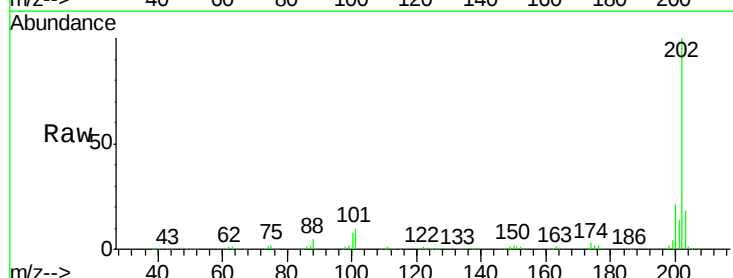
RT: 14.43 min Scan# 1159

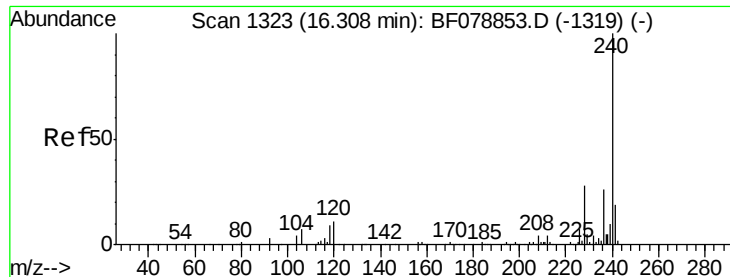
Delta R.T. 0.00 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion:	202	Resp:	709971
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.6
203	17.6	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.22 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

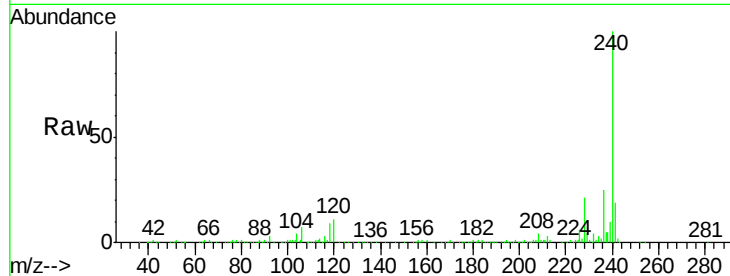
ClientSampleId :

PB83253BSD

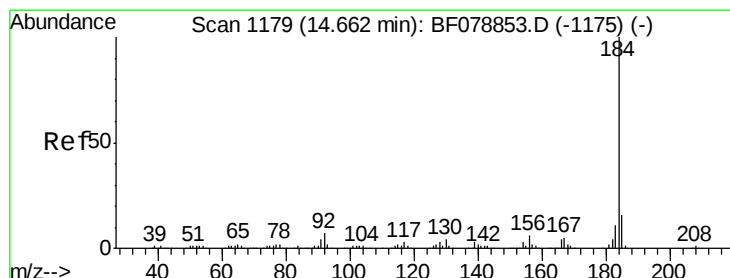
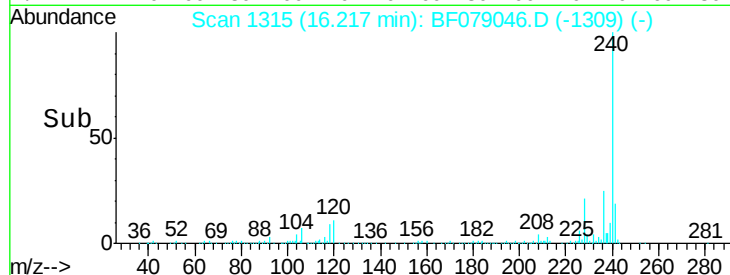
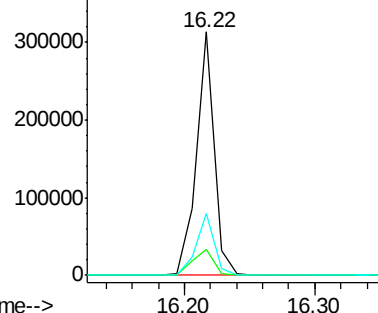
Tot Ion:	240	Resp:	302004
Ion Ratio	Lower	Upper	
240	100		
120	10.5	9.7	14.5
236	25.2	20.2	30.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.83 ng

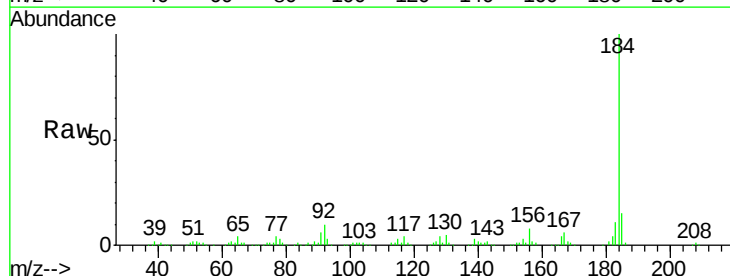
RT: 14.61 min Scan# 1174

Delta R.T. -0.01 min

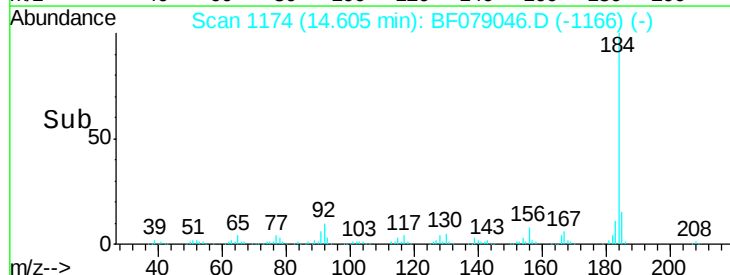
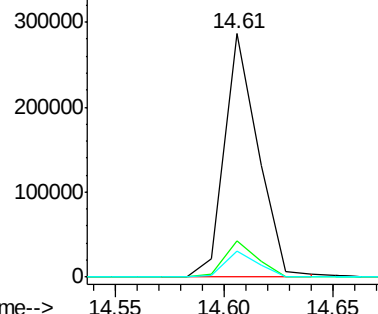
Lab File: BF079046.D

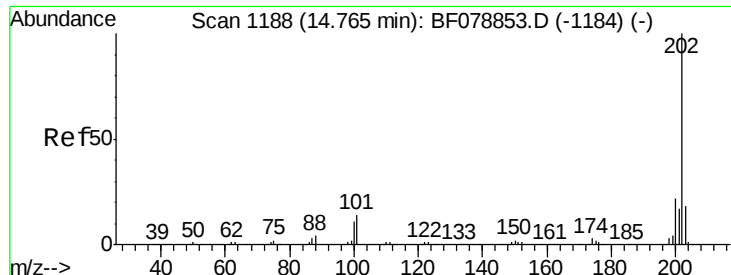
Acq: 8 May 2015 19:14

Tgt Ion:	184	Resp:	307879
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.3	18.5
183	10.8	8.4	12.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





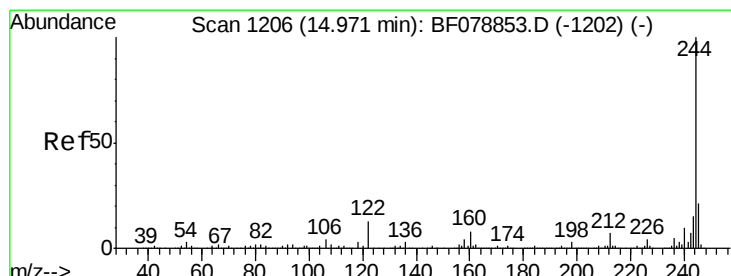
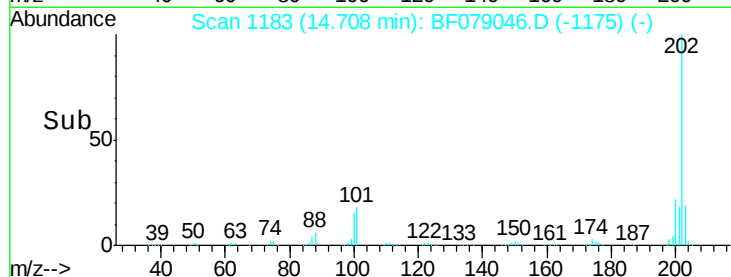
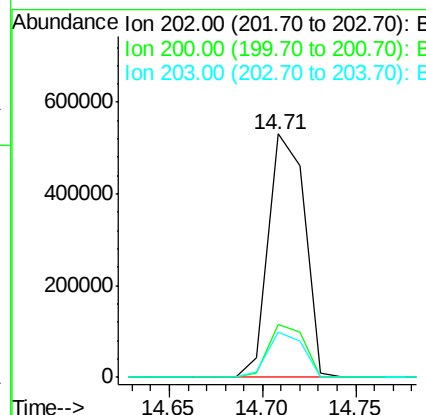
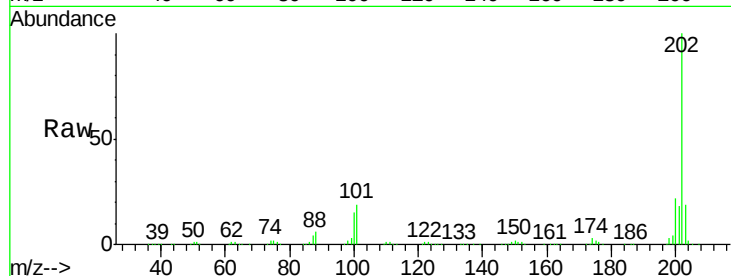
#77
Pvrene
Concen: 41.23 ng
RT: 14.71 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.5	26.3
203	18.8	13.9	20.9

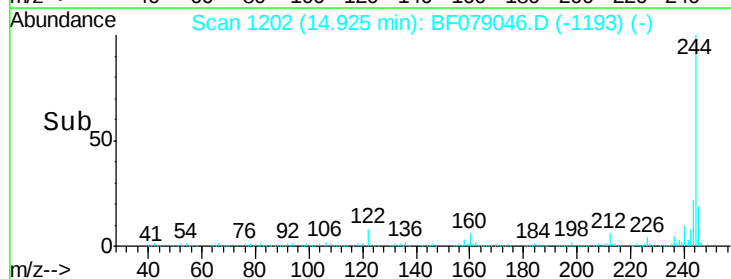
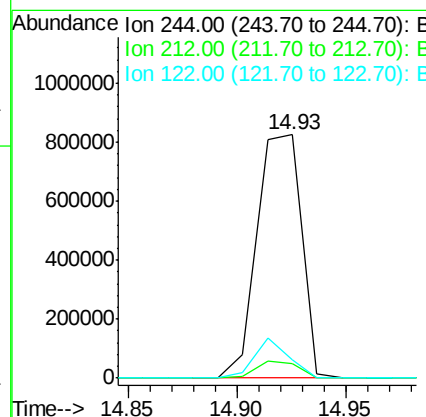
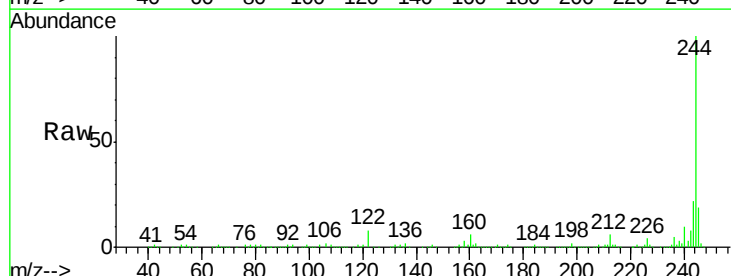
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#78
Terphenyl-d14
Concen: 93.94 ng
RT: 14.93 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.1	5.6	8.4
122	7.7	10.3	15.5





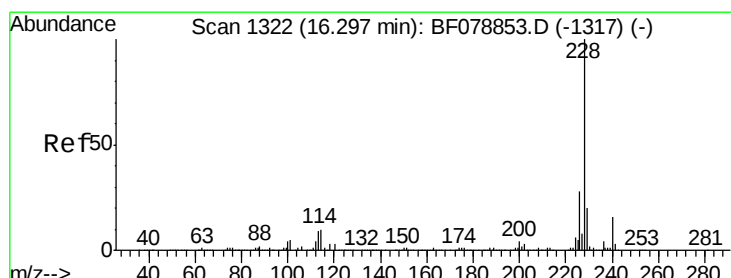
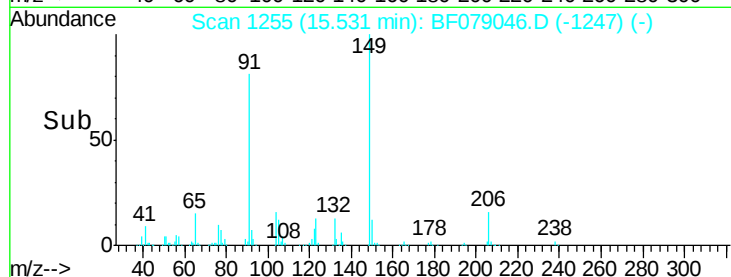
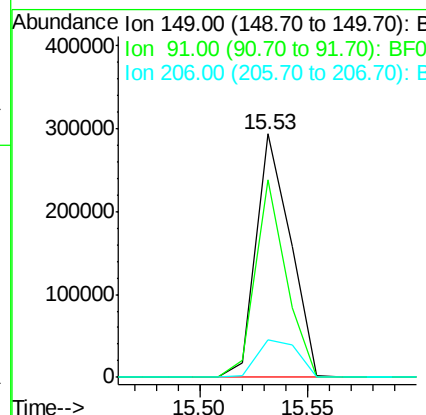
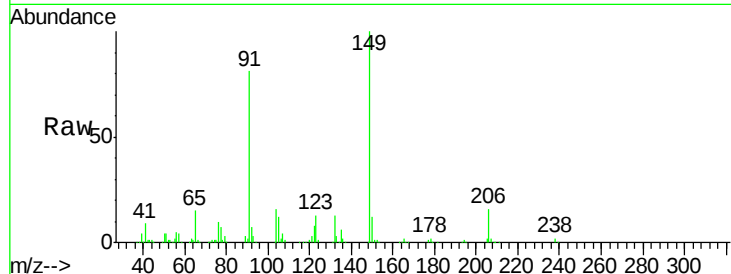
#79
Butylbenzylphthalate
Concen: 42.48 ng
RT: 15.53 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	323182		
91	81.3	64.6	97.0	
206	15.6	12.2	18.4	

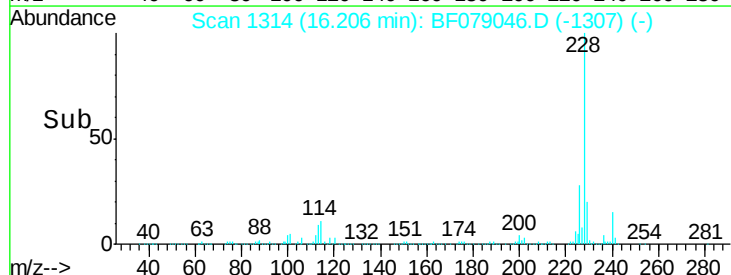
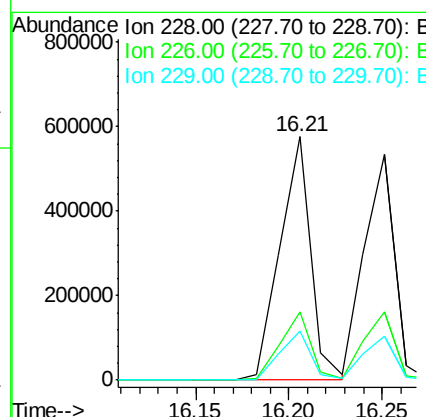
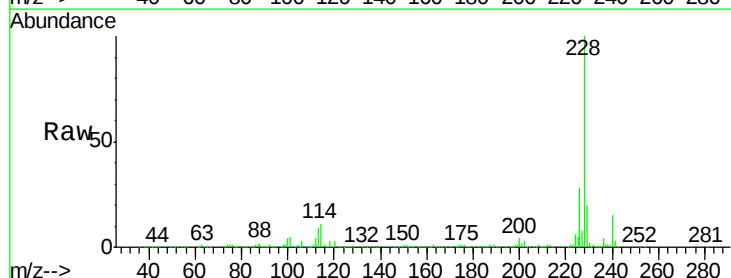
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#80
Benzo(a)anthracene
Concen: 40.06 ng
RT: 16.21 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662595		
226	27.8	22.6	33.8	
229	20.1	15.9	23.9	





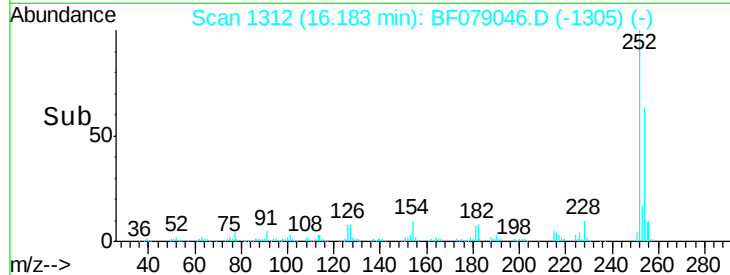
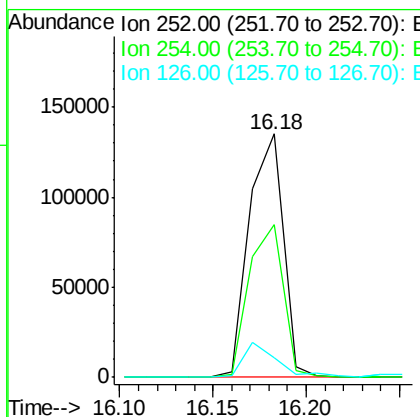
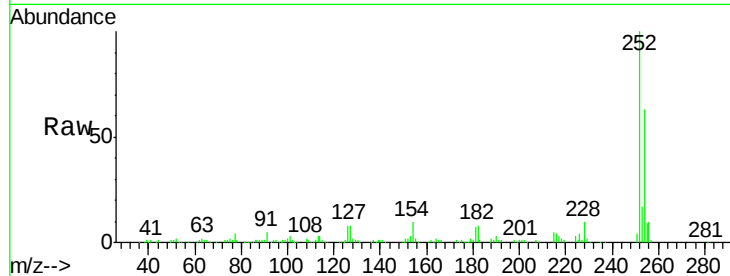
#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 16.18 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	171739		
254	62.9	51.3	76.9	
126	7.8	6.6	10.0	

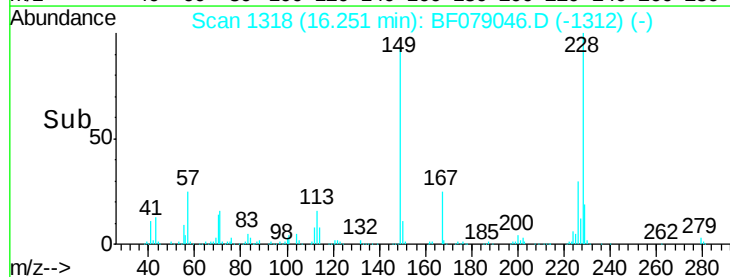
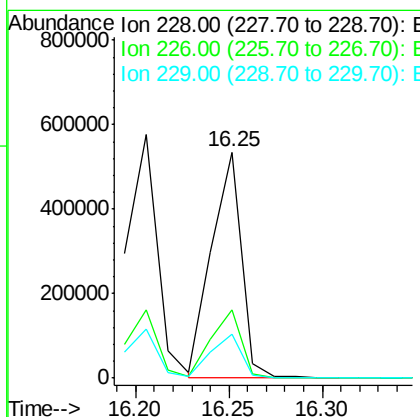
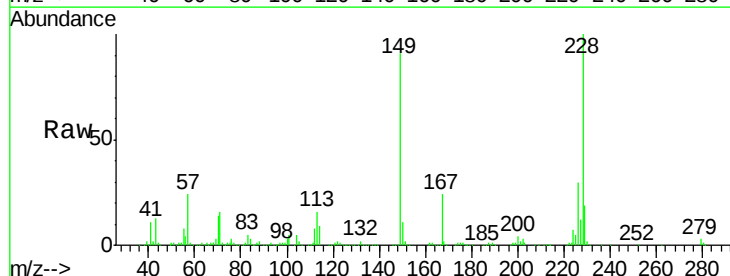
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#82
 Chrysene
 Concen: 37.63 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.03 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	598485		
226	30.2	24.9	37.3	
229	19.5	16.0	24.0	





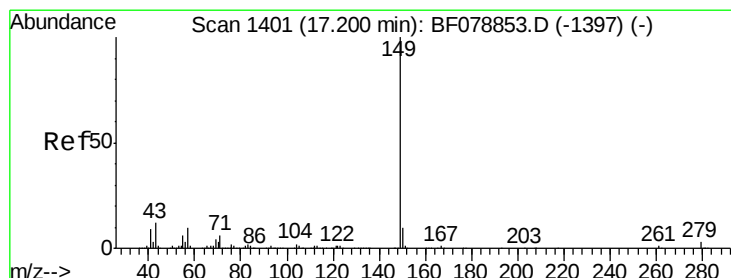
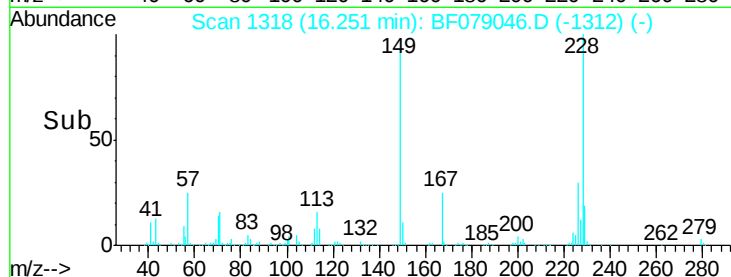
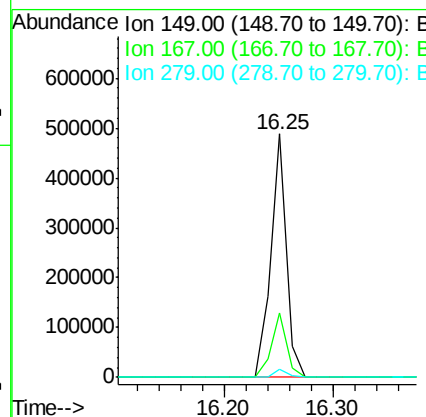
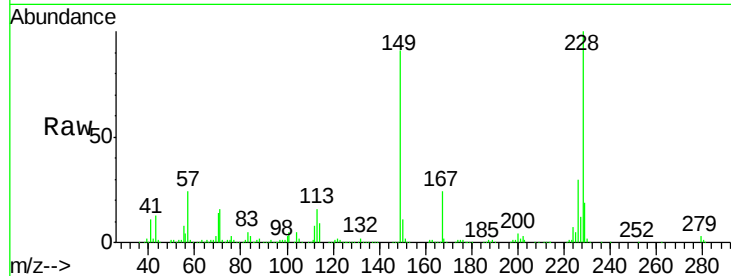
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.78 ng
 RT: 16.25 min Scan# 1318
 Delta R.T. -0.03 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492875		
167	26.7	21.8	32.8	
279	3.1	2.9	4.3	

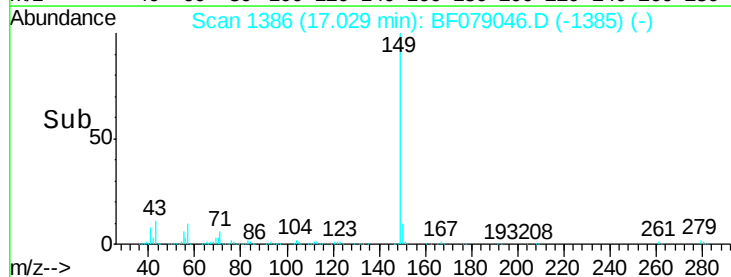
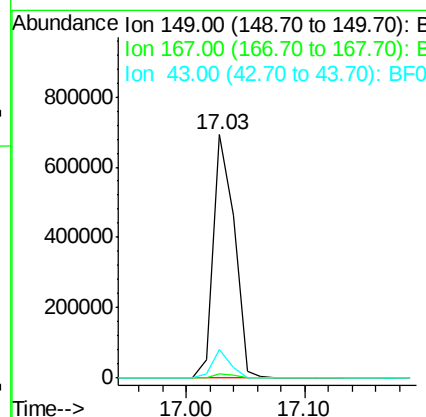
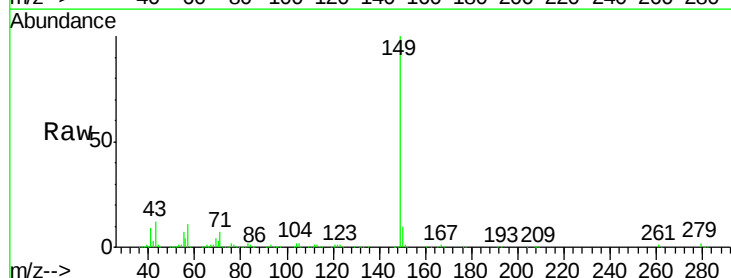
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#84
 Di-n-octyl phthalate
 Concen: 41.66 ng
 RT: 17.03 min Scan# 1386
 Delta R.T. -0.09 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	845483		
167	1.5	0.0	0.0#	
43	10.1	0.0	0.0#	





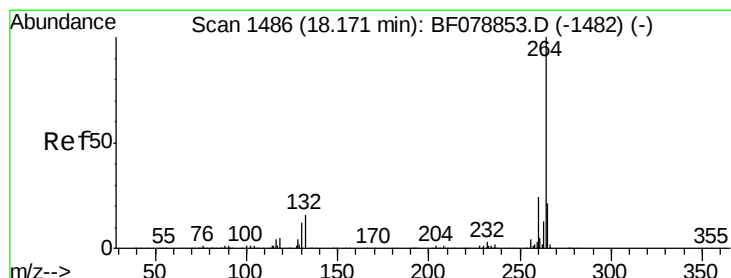
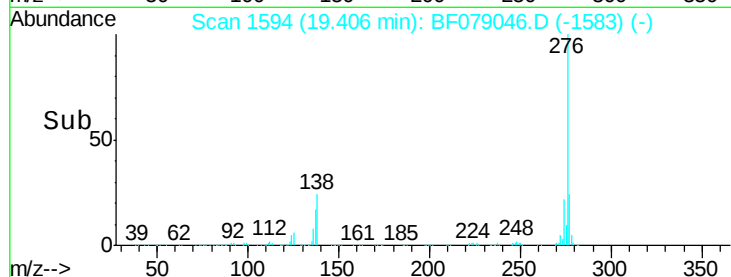
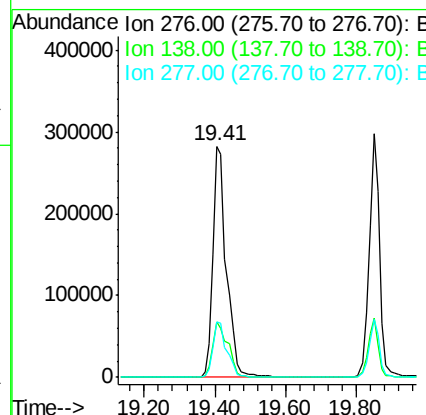
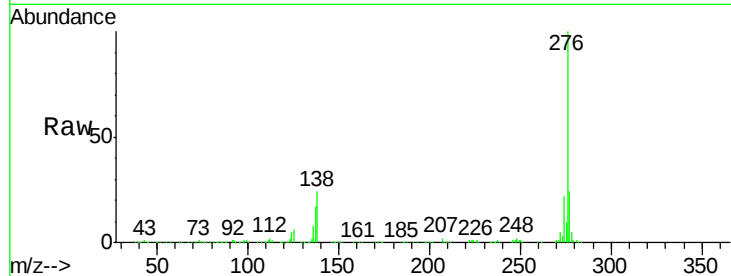
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.67 ng
 RT: 19.41 min Scan# 1594
 Delta R.T. -0.17 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83253BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.2	0.0	0.0#
277	24.7	0.0	0.0#

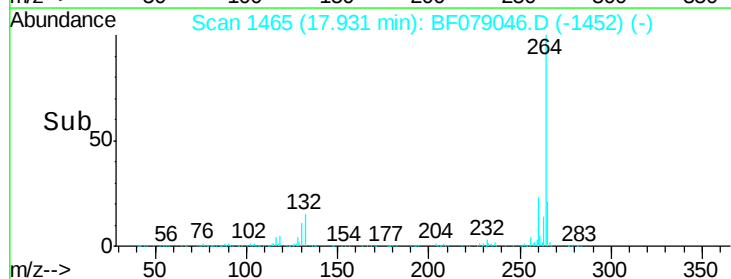
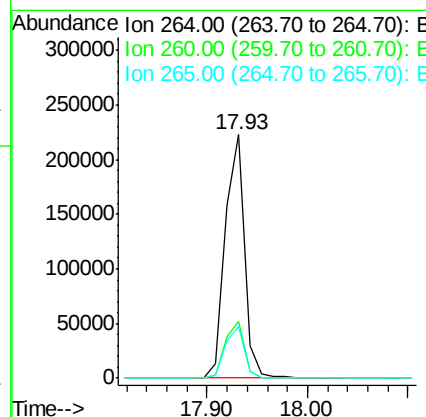
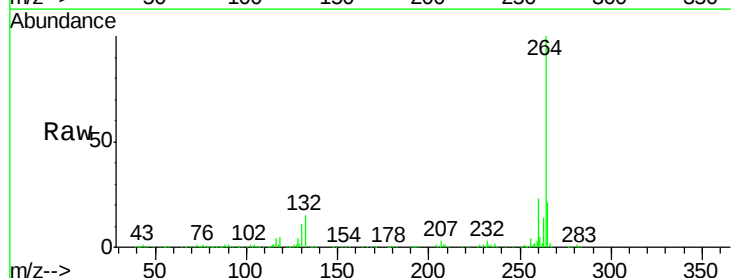
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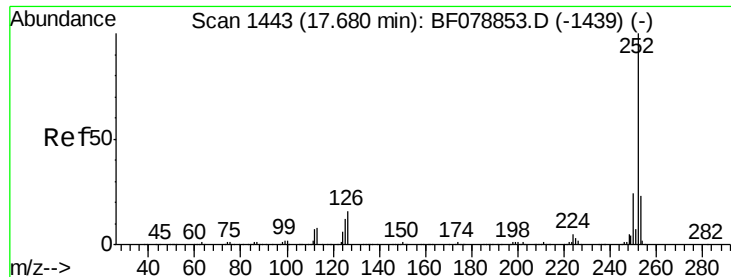
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.93 min Scan# 1465
 Delta R.T. -0.15 min
 Lab File: BF079046.D
 Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.1	18.3	27.5





#87

Benzo(b)fluoranthene

Concen: 39.26 ng

RT: 17.49 min Scan# 1426

Delta R.T. -0.11 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Instrument :

BNA_F

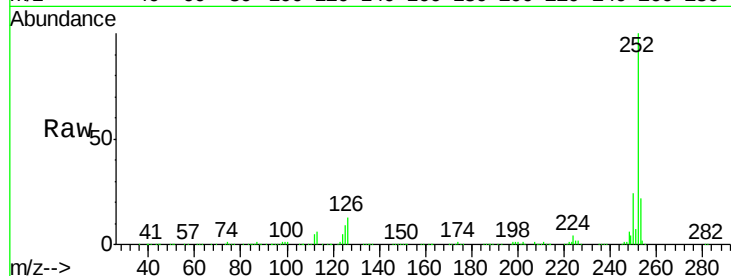
ClientSampleId :

PB83253BSD

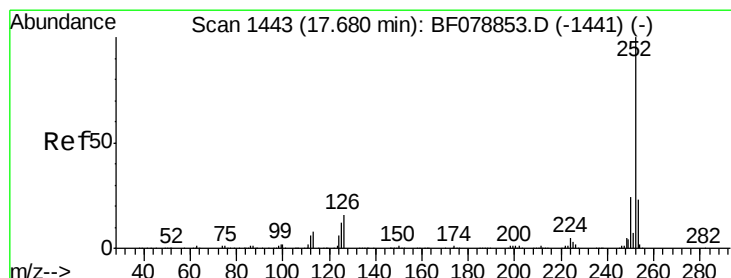
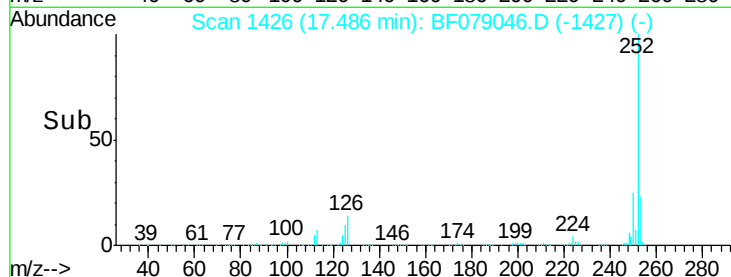
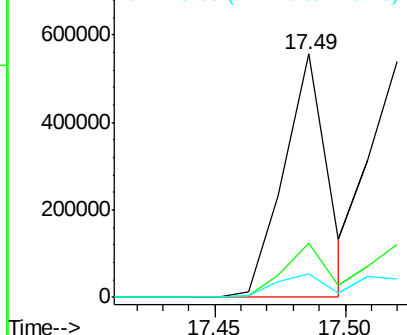
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.5	9.5	14.3

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.61 ng m

RT: 17.52 min Scan# 1429

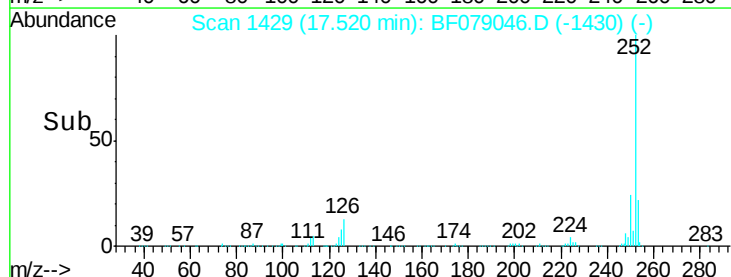
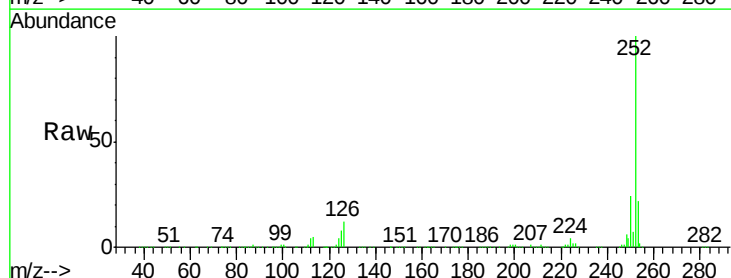
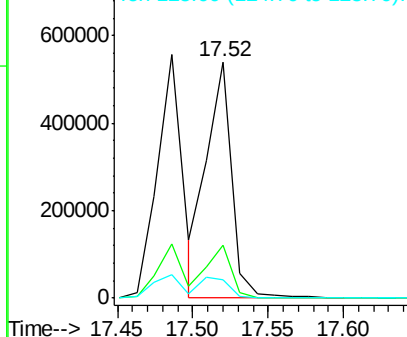
Delta R.T. -0.11 min

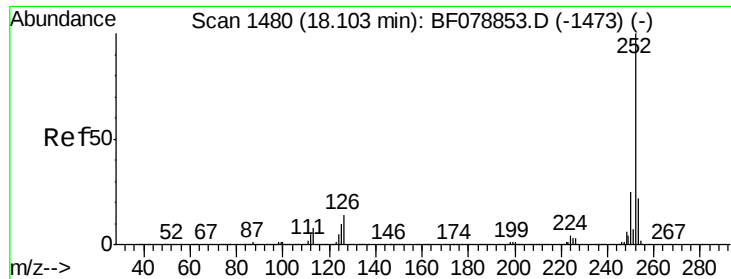
Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	8.0	10.0	15.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





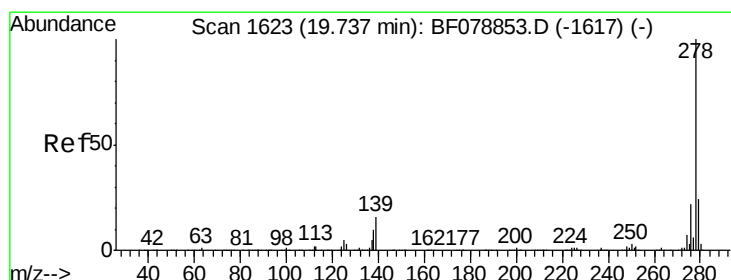
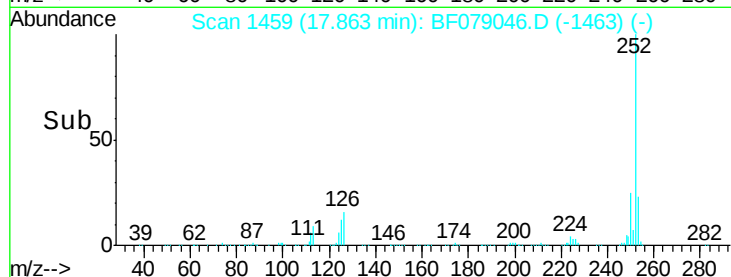
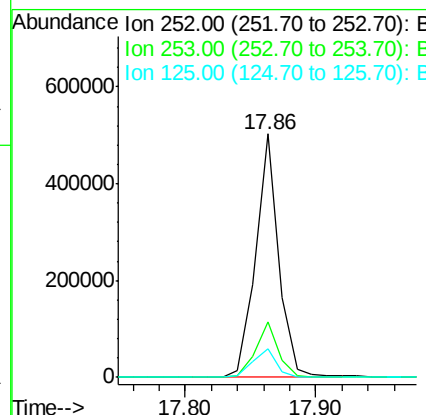
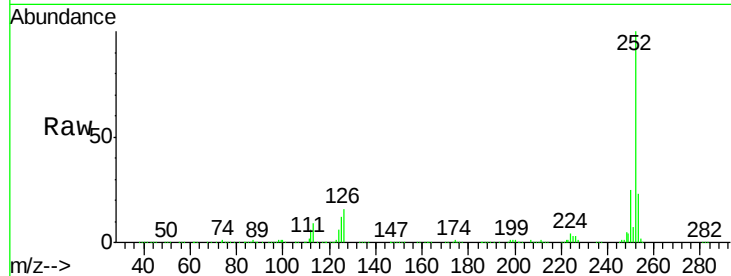
#89
Benzo(a)pyrene
Concen: 41.22 ng
RT: 17.86 min Scan# 1459
Delta R.T. -0.15 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Instrument :
BNA_F
ClientSampleId :
PB83253BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.8	7.0	10.6

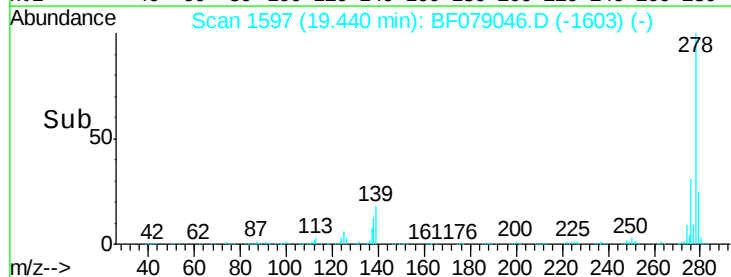
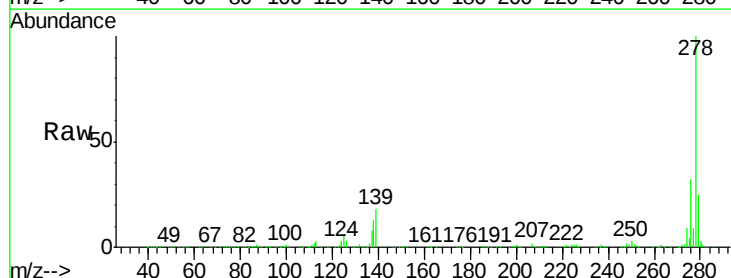
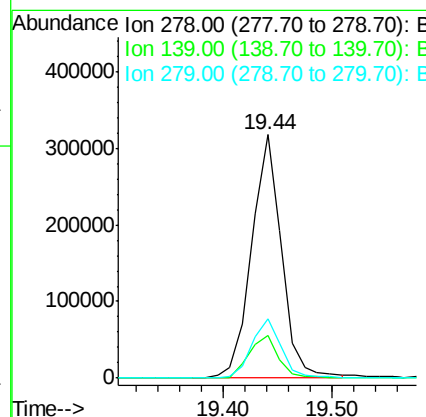
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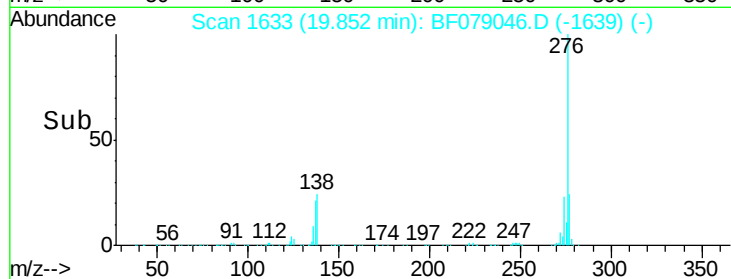
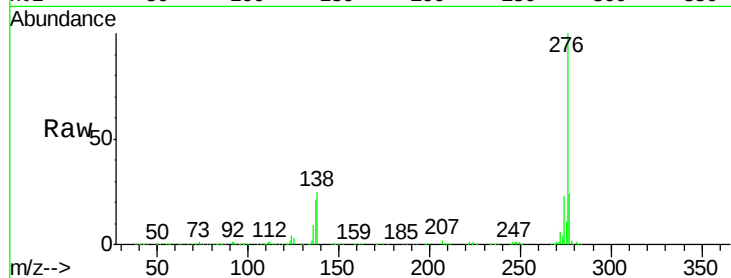
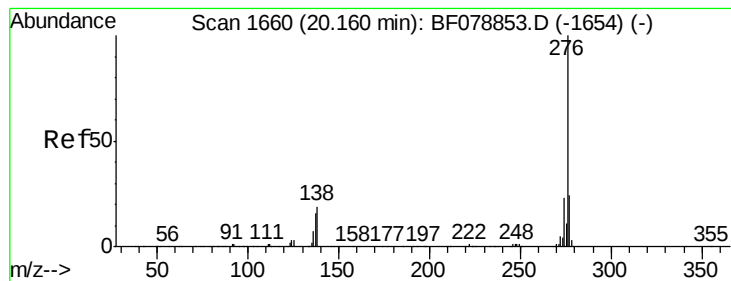
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#90
Dibenzo(a,h)anthracene
Concen: 38.36 ng
RT: 19.44 min Scan# 1597
Delta R.T. -0.17 min
Lab File: BF079046.D
Acq: 8 May 2015 19:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	12.8	19.2
279	24.6	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 38.58 ng

RT: 19.85 min Scan# 1633

Delta R.T. -0.17 min

Lab File: BF079046.D

Acq: 8 May 2015 19:14

Tot Ion:	276	Resp:	616209
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	24.5	17.4	26.0

Instrument :

BNA_F

ClientSampleId :

PB83253BSD

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