

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079268.D
 Acq On : 15 May 2015 14:26
 Operator : TP/IZ
 Sample : PB83401BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Manual Integrations
 APPROVED

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Quant Time: May 15 23:35:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	56790	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	232768	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	115020	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	217016	20.00	ng	0.00
75) Chrysene-d12	16.09	240	204144	20.00	ng	0.00
86) Perylene-d12	17.98	264	200885	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	60394m	18.31	ng	0.01
7) Phenol-d6	6.74	99	79306	18.19	ng	-0.01
23) Nitrobenzene-d5	7.87	82	42175	10.41	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	20450	16.43	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	98965	11.99	ng	0.00
78) Terphenyl-d14	14.77	244	105999	12.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	7721m	5.38	ng	
3) Pyridine	2.89	79	20591m	4.90	ng	
4) n-Nitrosodimethylamine	2.75	42	10015m	5.57	ng	
6) Aniline	6.76	93	21326	3.46	ng	# 66
8) 2-Chlorophenol	6.90	128	22649	6.05	ng	96
9) Benzaldehyde	6.63	77	7341	2.50	ng	98
10) Phenol	6.75	94	27145	5.37	ng	81
11) bis(2-Chloroethyl)ether	6.87	93	20838	5.62	ng	96
12) 1,3-Dichlorobenzene	7.10	146	24231	5.76	ng	# 93
13) 1,4-Dichlorobenzene	7.20	146	24589	5.68	ng	98
14) 1,2-Dichlorobenzene	7.38	146	23358	5.80	ng	99
15) Benzyl Alcohol	7.36	79	17156	5.30	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.54	45	30228	5.33	ng	93
17) 2-Methylphenol	7.51	107	17448	5.79	ng	# 95
18) Hexachloroethane	7.79	117	7920	5.31	ng	# 82
19) n-Nitroso-di-n-propylamine	7.69	70	15209	5.16	ng	96
20) 3+4-Methylphenols	7.70	107	21604	5.38	ng	# 46
22) Acetophenone	7.69	105	29898	5.69	ng	# 87
24) Nitrobenzene	7.90	77	20484	5.10	ng	# 79
25) Isophorone	8.19	82	41690	5.55	ng	96
26) 2-Nitrophenol	8.28	139	8171	4.92	ng	# 83
27) 2,4-Dimethylphenol	8.35	122	19289	5.80	ng	93
28) bis(2-Chloroethoxy)methane	8.48	93	24644	5.32	ng	96
29) 2,4-Dichlorophenol	8.58	162	16726	5.66	ng	97
30) 1,2,4-Trichlorobenzene	8.68	180	19142	5.89	ng	99
31) Naphthalene	8.78	128	64845	5.85	ng	99
32) Benzoic acid	8.42	122	9491m	10.27	ng	
33) 4-Chloroaniline	8.86	127	19276	4.11	ng	# 94
34) Hexachlorobutadiene	8.94	225	10615	5.68	ng	96
35) Caprolactam	9.26	113	4788	5.01	ng	89
36) 4-Chloro-3-methylphenol	9.46	107	17475	5.63	ng	# 92
37) 2-Methylnaphthalene	9.63	142	43162	5.62	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	17351	5.36	ng	98
40) Hexachlorocyclopentadiene	9.83	237	9588	5.89	ng	95

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Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	11311	5.08	nq	92
43) 2,4,5-Trichlorophenol	10.03	196	12515	5.56	nq #	86
45) 1,1'-Biphenyl	10.22	154	51847	5.67	nq	95
46) 2-Chloronaphthalene	10.24	162	41645	5.84	nq	93
47) 2-Nitroaniline	10.38	65	9157	4.43	nq #	61
48) Acenaphthylene	10.75	152	66003	5.64	nq	98
49) Dimethylphthalate	10.60	163	46859	5.55	nq	98
50) 2,6-Dinitrotoluene	10.68	165	8227	4.94	nq #	80
51) Acenaphthene	10.97	154	36635	5.25	nq	95
52) 3-Nitroaniline	10.88	138	9317	4.48	nq #	97
53) 2,4-Dinitrophenol	11.03	184	2946	10.07	nq #	69
54) Dibenzofuran	11.18	168	57745	5.72	nq	95
55) 4-Nitrophenol	11.10	139	13655	8.29	nq	99
56) 2,4-Dinitrotoluene	11.18	165	10587	4.81	nq #	55
57) Fluorene	11.61	166	46933	5.67	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	10031	5.45	nq	98
59) Diethylphthalate	11.48	149	46636	5.58	nq	98
60) 4-Chlorophenyl-phenylether	11.61	204	20929	5.70	nq	91
61) 4-Nitroaniline	11.63	138	9460	4.54	nq	98
62) Azobenzene	11.81	77	45591	5.53	nq	94
64) 4,6-Dinitro-2-methylphenol	11.68	198	2669	5.18	nq #	48
65) n-Nitrosodiphenylamine	11.76	169	39601	5.48	nq	97
66) 4-Bromophenyl-phenylether	12.22	248	12041	5.32	nq	90
67) Hexachlorobenzene	12.29	284	14063	5.44	nq #	65
68) Atrazine	12.43	200	11385	5.42	nq	96
69) Pentachlorophenol	12.54	266	10247	13.04	nq	99
70) Phenanthrene	12.80	178	67312	5.54	nq	99
71) Anthracene	12.86	178	67532	5.67	nq	99
72) Carbazole	13.06	167	62100	5.47	nq	98
73) Di-n-butylphthalate	13.52	149	69415	5.10	nq #	98
74) Fluoranthene	14.27	202	68345	5.40	nq	94
76) Benzidine	14.46	184	24682	4.49	nq	97
77) Pyrene	14.55	202	73245	6.23	nq	99
79) Butylbenzylphthalate	15.39	149	27253	5.30	nq	96
80) Benzo(a)anthracene	16.08	228	66126	5.92	nq	98
81) 3,3'-Dichlorobenzidine	16.07	252	14935	3.75	nq	95
82) Chrysene	16.13	228	63858	5.94	nq	99
83) Bis(2-ethylhexyl)phthalate	16.16	149	39893	5.12	nq	100
84) Di-n-octyl phthalate	17.02	149	63012	4.59	nq #	92
85) Indeno(1,2,3-cd)pyrene	19.41	276	73669	5.38	nq	97
87) Benzo(b)fluoranthene	17.49	252	59453	5.41	nq #	94
88) Benzo(k)fluoranthene	17.52	252	63223m	5.94	nq	
89) Benzo(a)pyrene	17.90	252	59570	5.88	nq	99
90) Dibenzo(a,h)anthracene	19.43	278	60242	5.60	nq	98
91) Benzo(g,h,i)perylene	19.82	276	61997	5.75	nq #	95

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

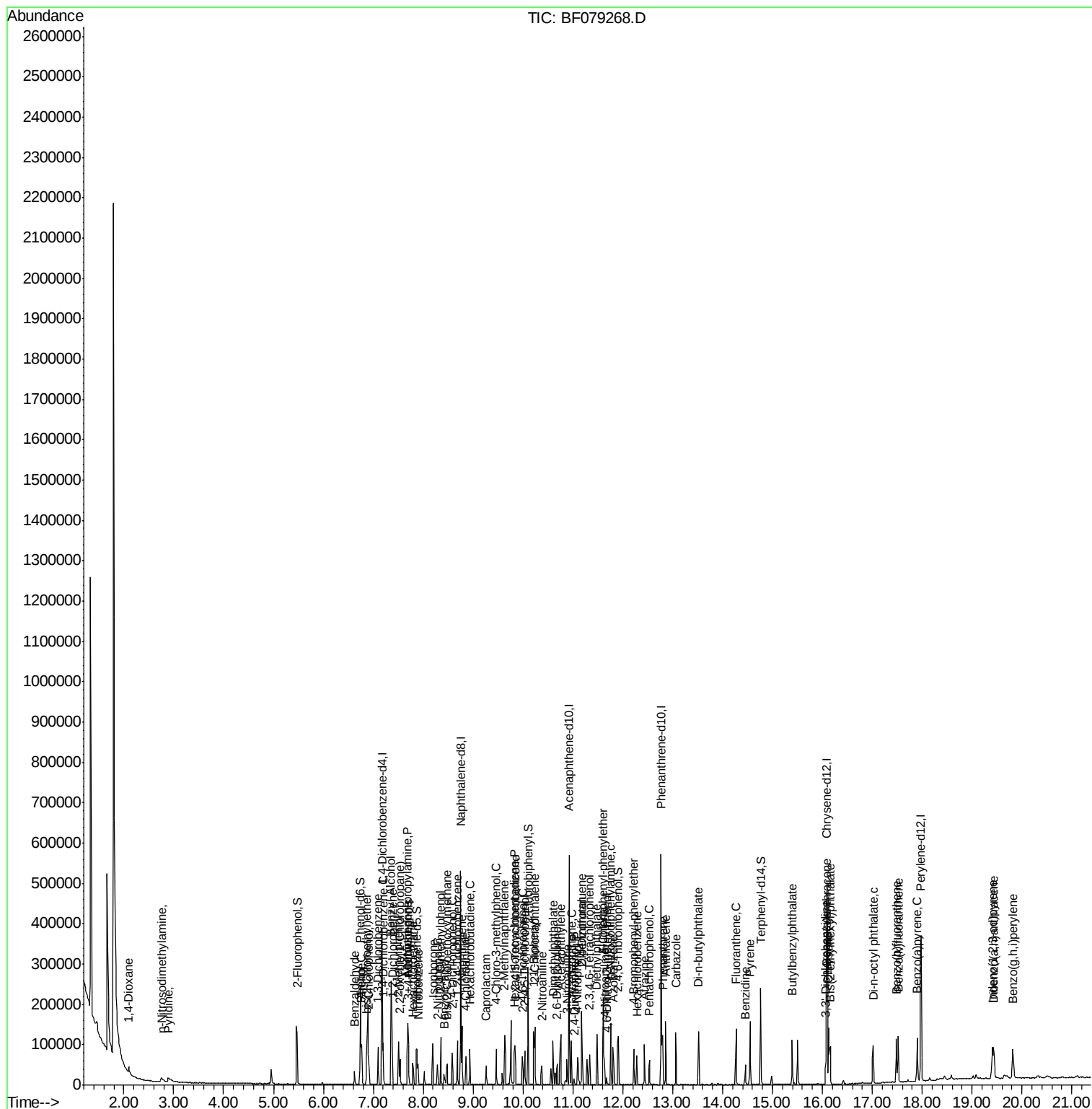
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ALS Vial : 4 Sample Multiplier: 1

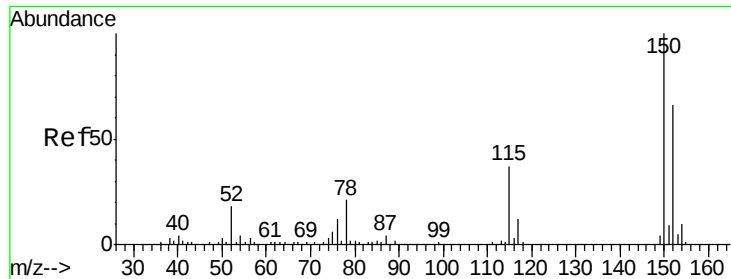
Instrument :
BNA_F
ClientSampled :
PB83401BS

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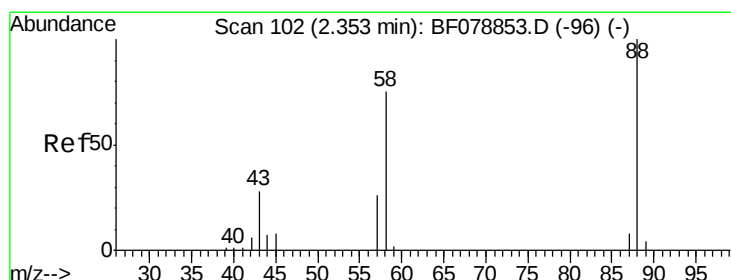
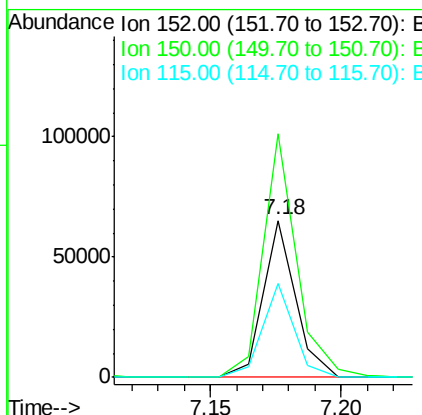
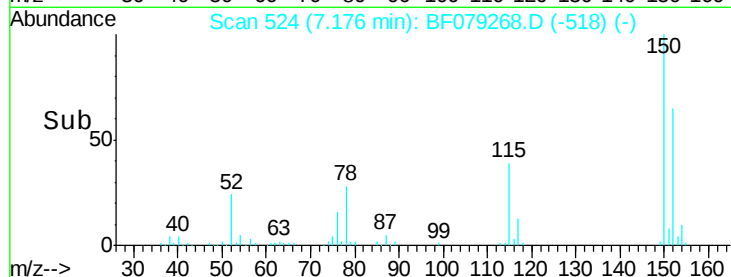
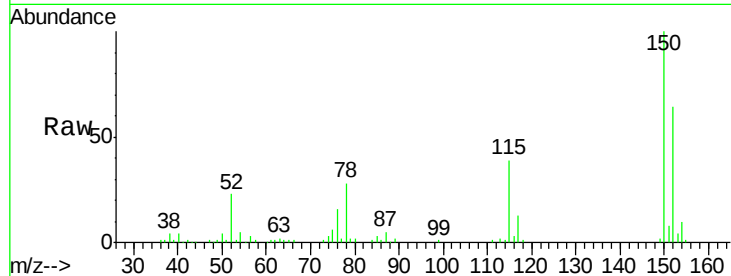
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion:	152	Resp:	56790
Ion Ratio	Lower	Upper	
152	100		
150	155.5	123.8	185.8
115	60.2	49.4	74.0

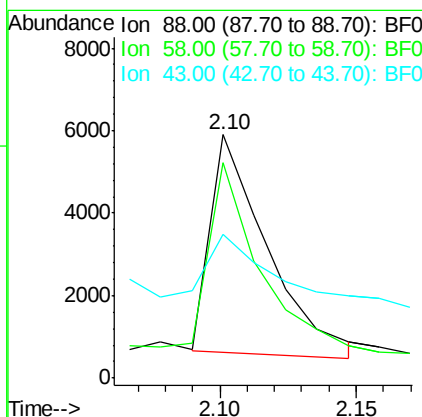
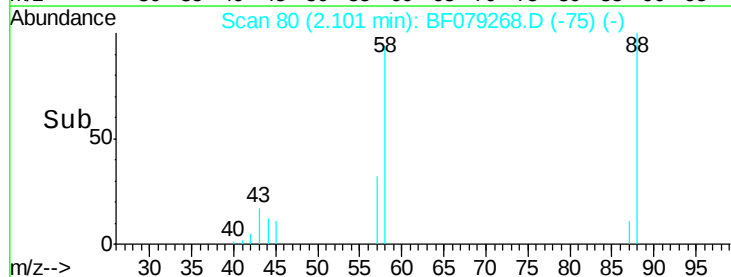
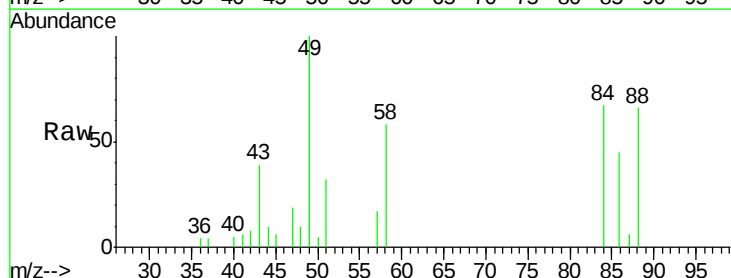
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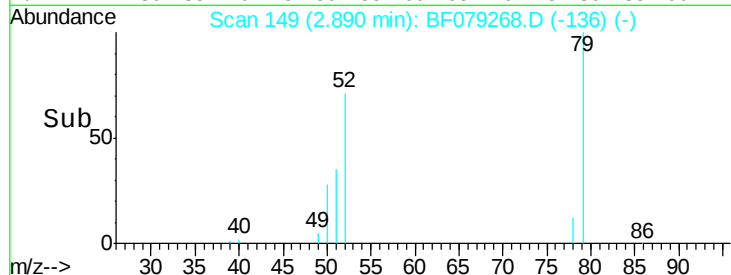
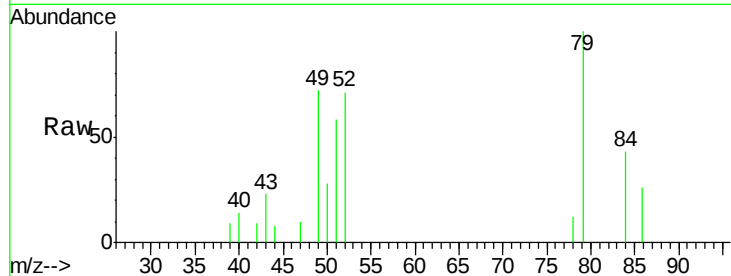
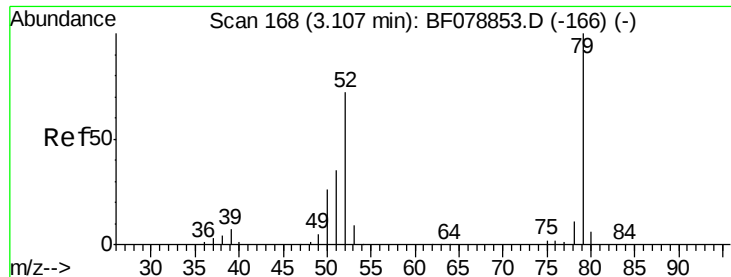
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#2
 1,4-Dioxane
 Concen: 5.38 ng m
 RT: 2.10 min Scan# 80
 Delta R.T. 0.03 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion:	88	Resp:	7721
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





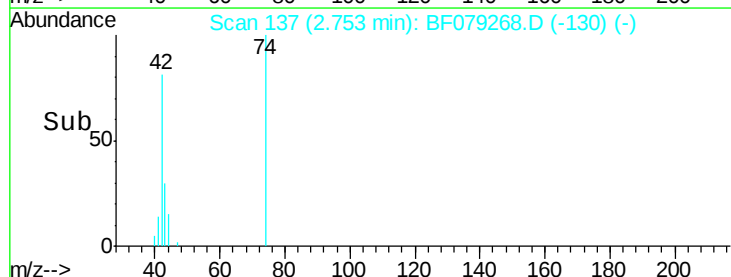
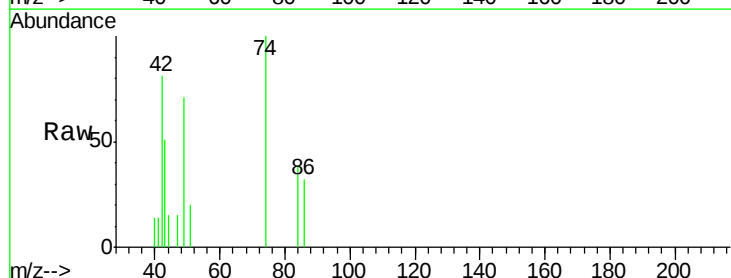
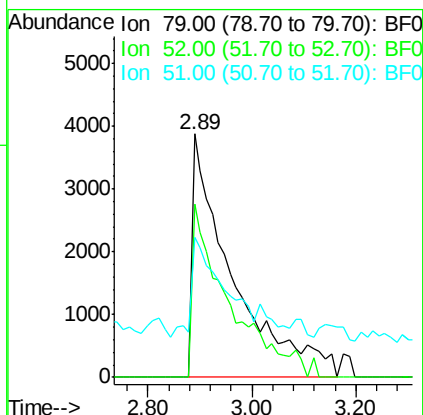
#3
Pvridine
Concen: 4.90 ng m
RT: 2.89 min Scan# 149
Delta R.T. 0.13 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	57.6	86.4
51	57.7	28.7	43.1

Instrument :
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ClientSampleId :
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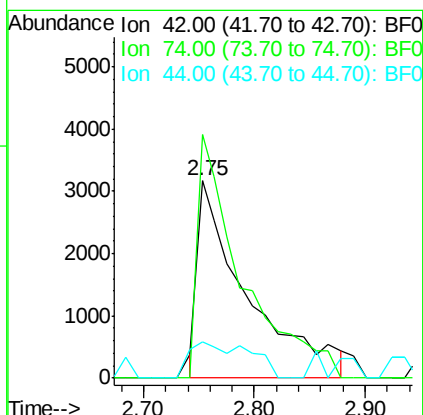
Manual Integrations
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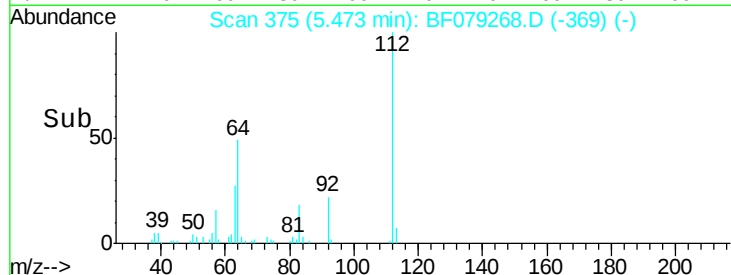
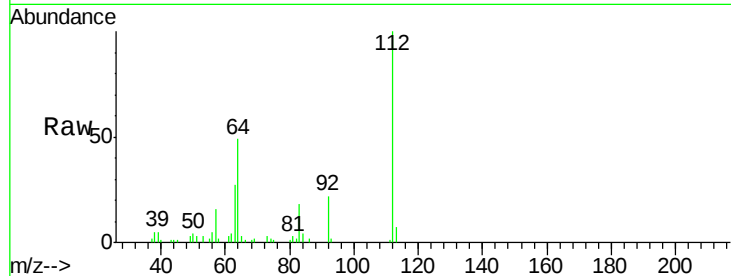
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#4
n-Nitrosodimethylamine
Concen: 5.57 ng m
RT: 2.75 min Scan# 137
Delta R.T. 0.06 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.6	104.4	156.6
44	18.3	6.2	9.2





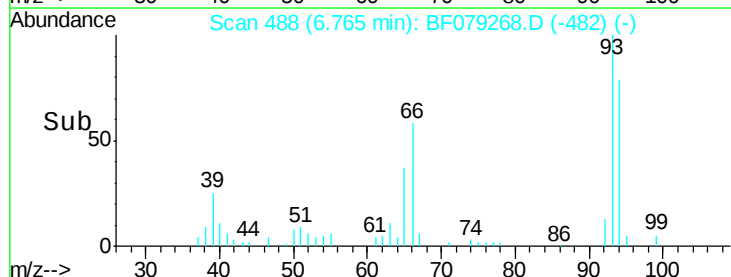
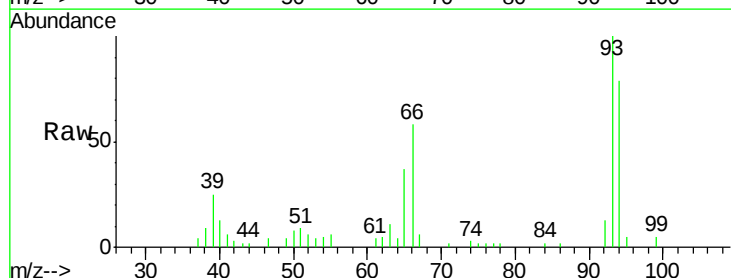
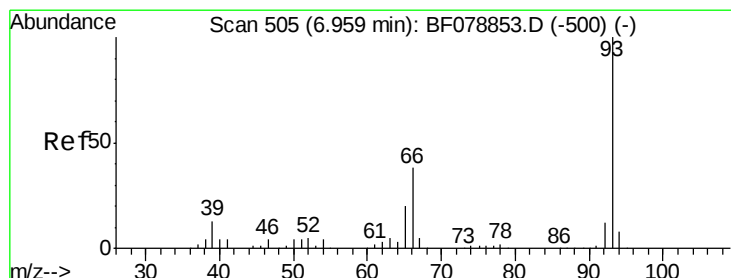
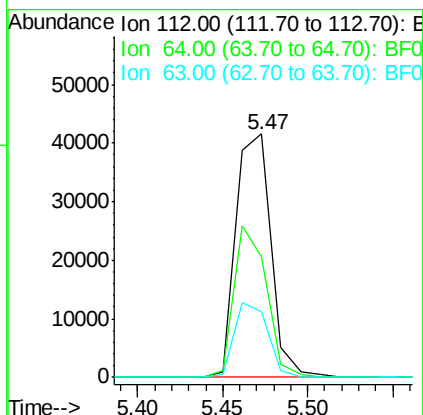
#5
2-Fluorophenol
Concen: 18.31 ng/mL
RT: 5.47 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tot Ion	Ratio	Resp	Lower	Upper
112	100	60394		
64	49.5		44.2	66.2
63	27.2		22.7	34.1

Instrument :
BNA_F
ClientSampleId :
PB83401BS

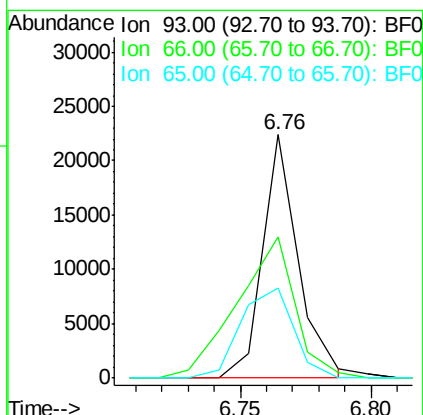
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#6
Aniline
Concen: 3.46 ng/mL
RT: 6.76 min Scan# 488
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	21326		
66	57.9		30.7	46.1#
65	36.9		15.8	23.8#





#7

Phenol-d6

Concen: 18.19 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

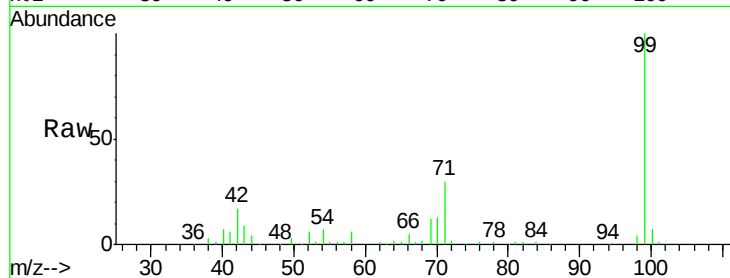
ClientSampleId :

PB83401BS

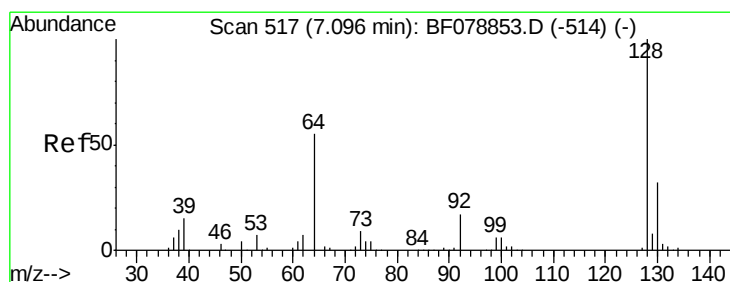
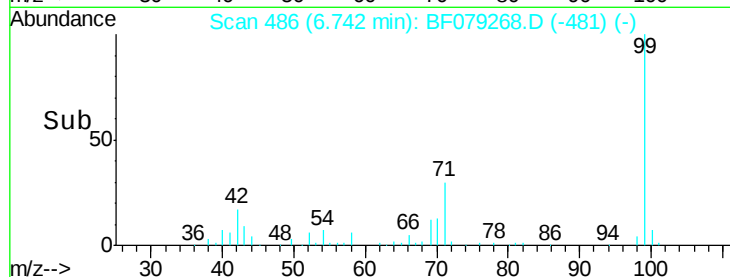
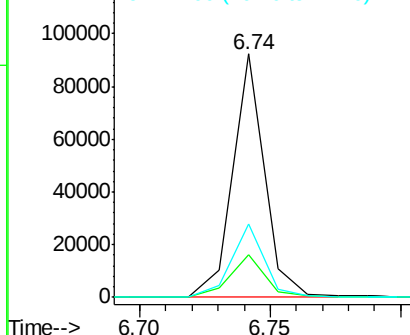
Tot Ion:	99	Resp:	79306
Ion Ratio	Lower	Upper	
99	100		
42	17.5	17.1	25.7
71	30.3	26.3	39.5

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 6.05 ng

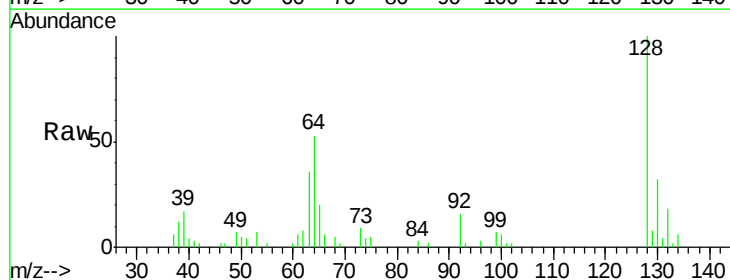
RT: 6.90 min Scan# 500

Delta R.T. -0.01 min

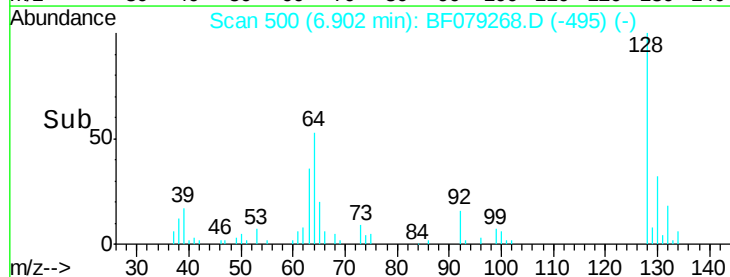
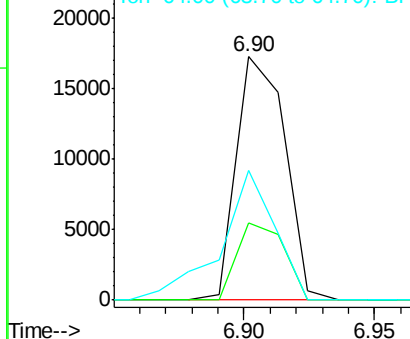
Lab File: BF079268.D

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Tgt Ion:	128	Resp:	22649
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.4	52.4
64	53.3	37.8	77.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





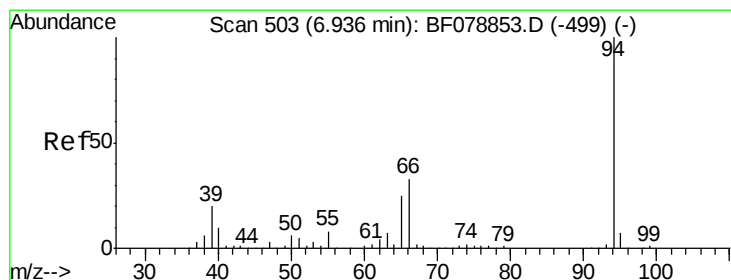
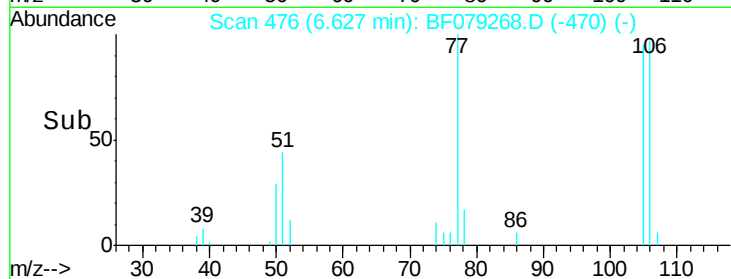
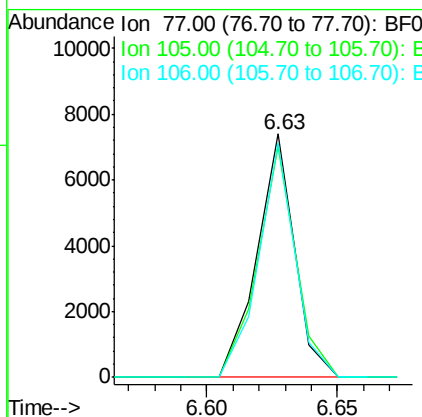
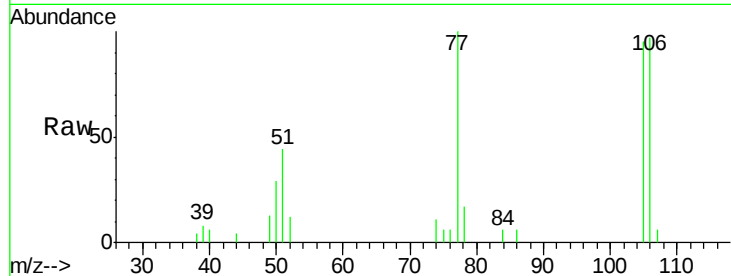
#9
Benzaldehyde
Concen: 2.50 ng
RT: 6.63 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
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ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.8	78.9	118.9
106	96.6	75.8	115.8

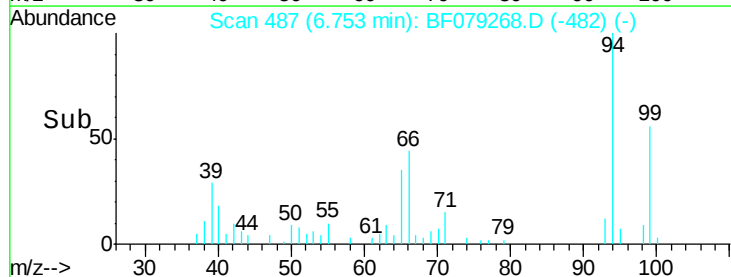
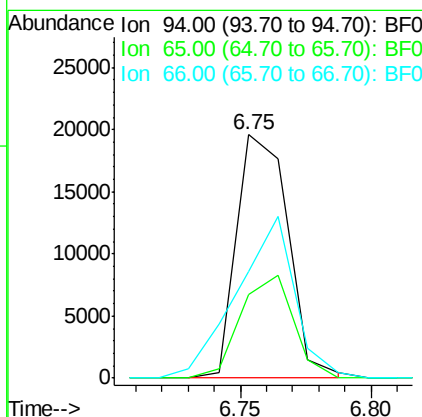
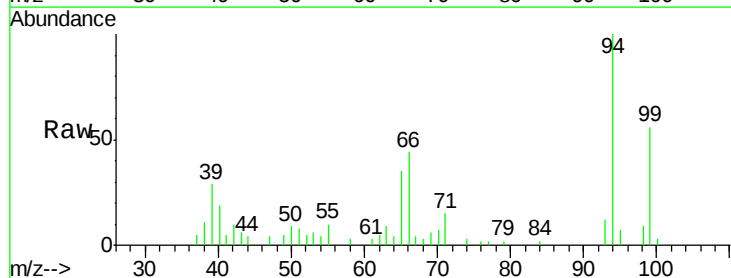
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#10
Phenol
Concen: 5.37 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF079268.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	5.1	45.1
66	43.6	13.1	53.1





#11

bis(2-Chloroethyl)ether

Concen: 5.62 ng

RT: 6.87 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

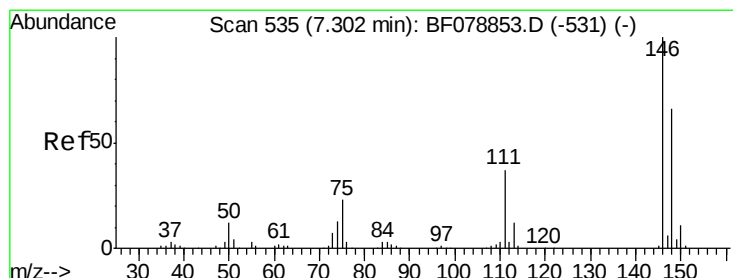
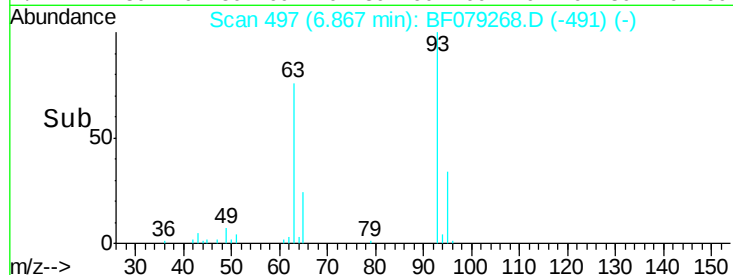
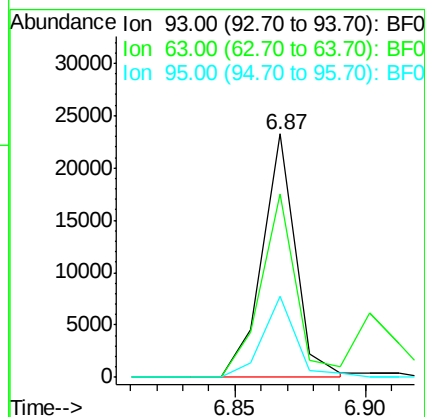
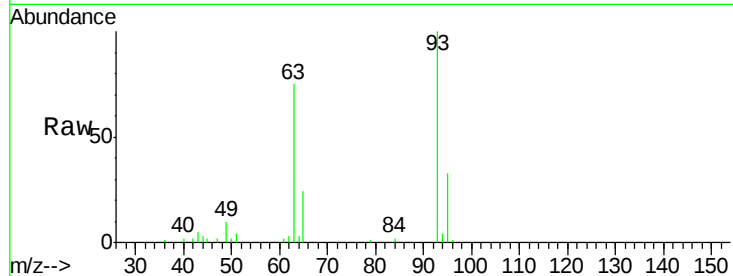
ClientSampleId :

PB83401BS

Tot Ion:	93	Resp:	20838
Ion Ratio	Lower	Upper	
93	100		
63	75.1	50.8	90.8
95	33.3	13.9	53.9

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#12

1,3-Dichlorobenzene

Concen: 5.76 ng

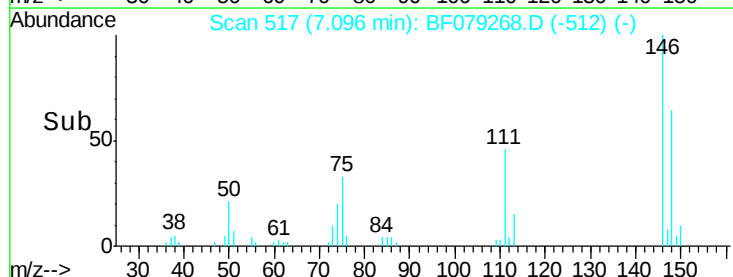
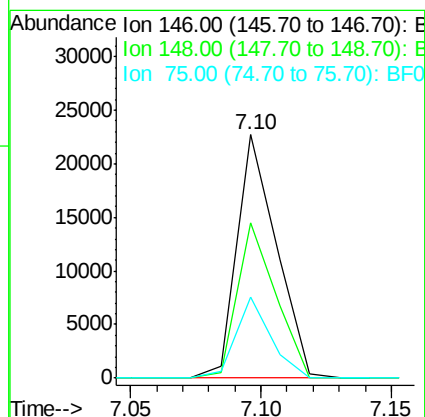
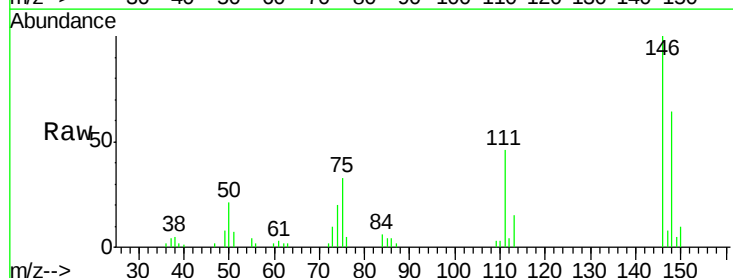
RT: 7.10 min Scan# 517

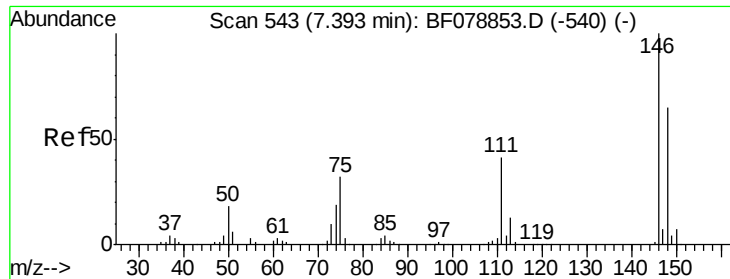
Delta R.T. -0.01 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	146	Resp:	24231
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.4	78.6
75	33.4	18.6	27.8#





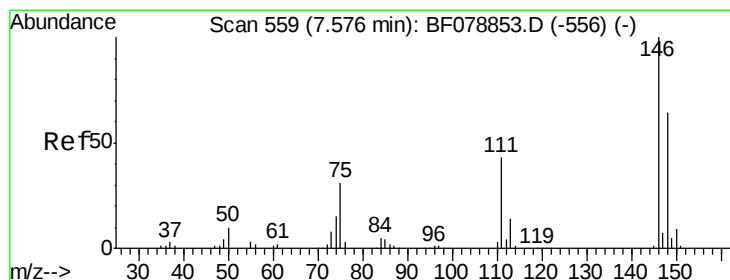
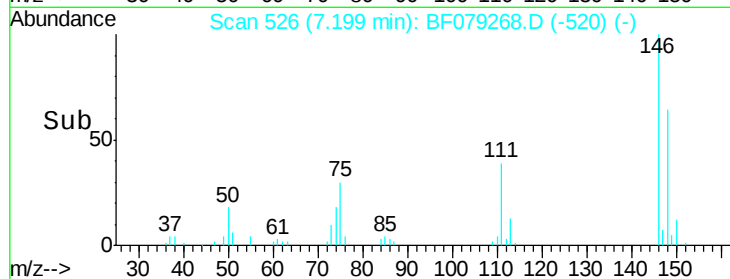
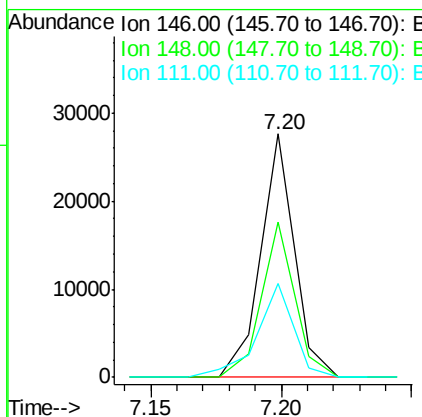
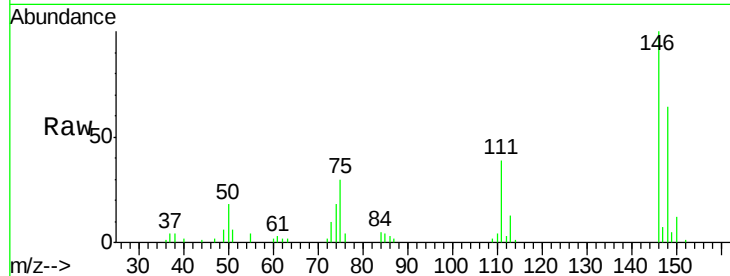
#13
 1,4-Dichlorobenzene
 Concen: 5.68 ng
 RT: 7.20 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	38.6	32.8	49.2

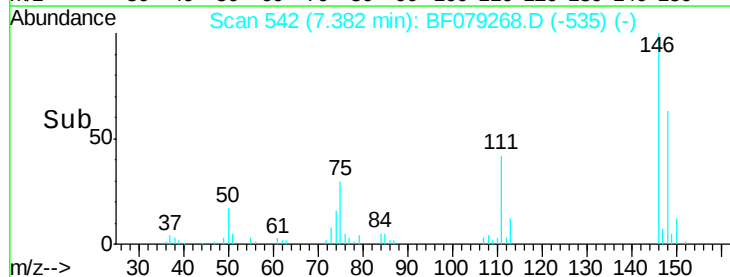
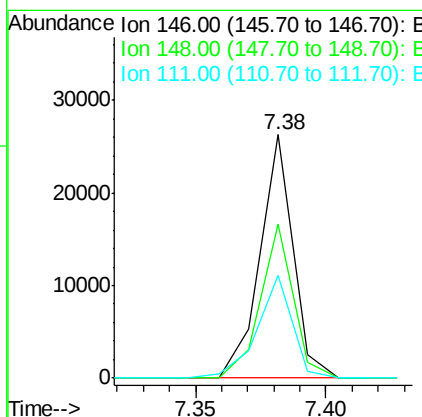
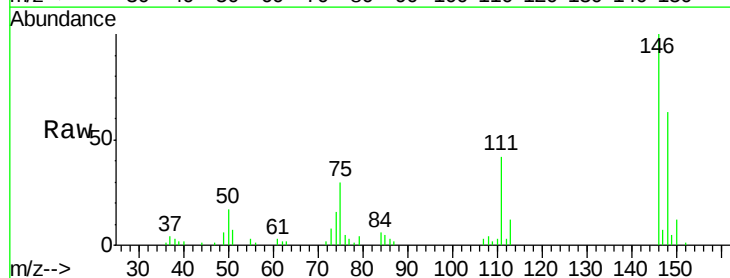
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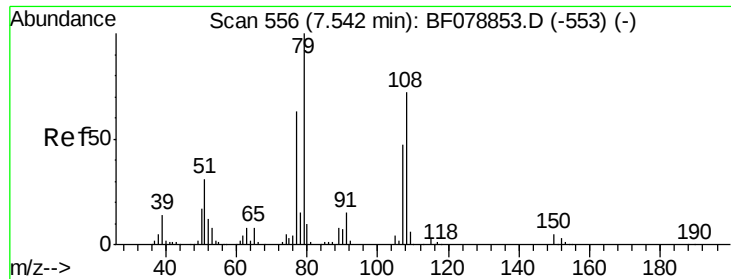
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#14
 1,2-Dichlorobenzene
 Concen: 5.80 ng
 RT: 7.38 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	42.1	34.6	52.0





#15

Benzyl Alcohol

Concen: 5.30 ng

RT: 7.36 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

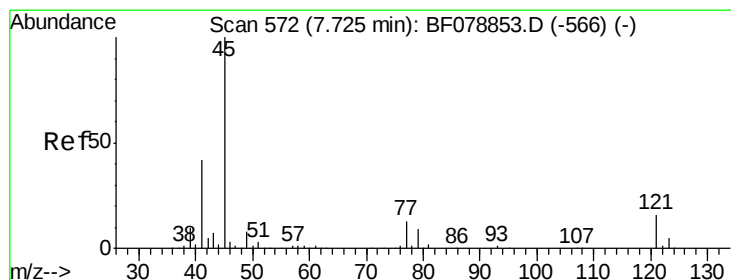
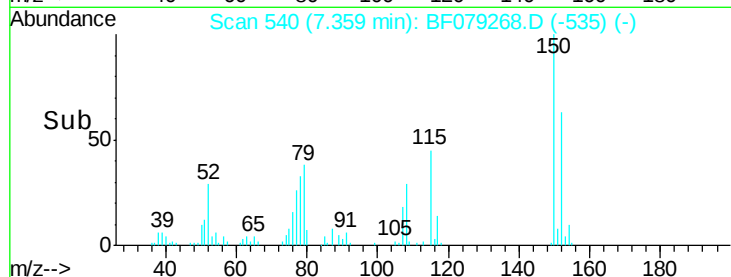
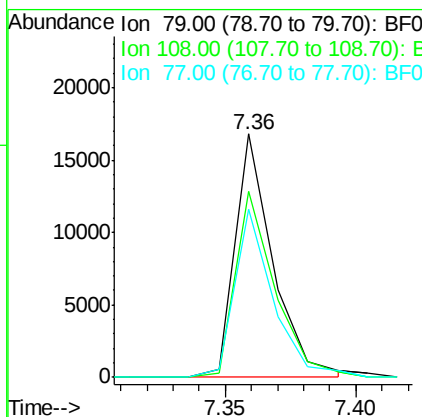
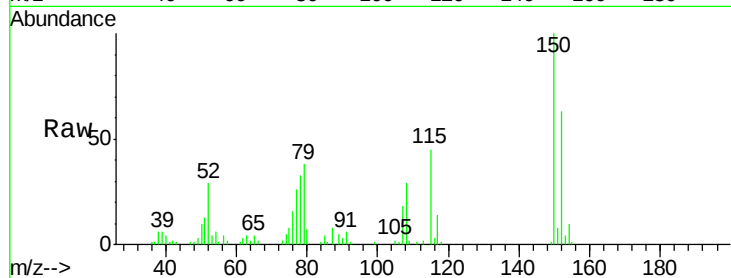
ClientSampleID :

PB83401BS

Tot Ion:	79	Resp:	17156
Ion Ratio	Lower	Upper	
79	100		
108	76.6	57.4	86.2
77	69.2	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.33 ng

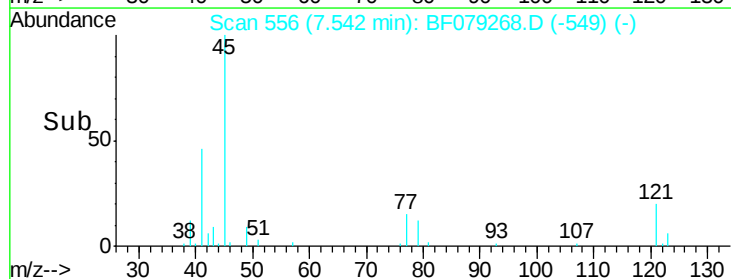
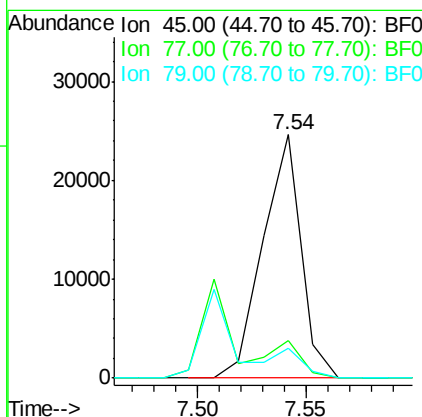
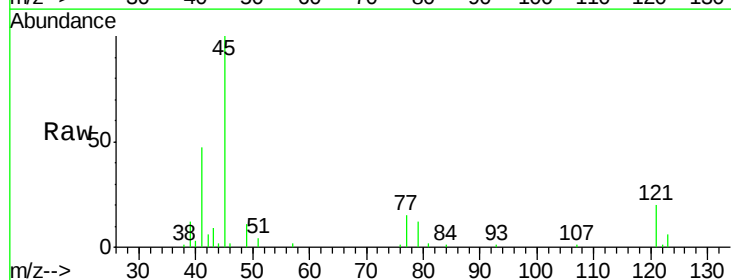
RT: 7.54 min Scan# 556

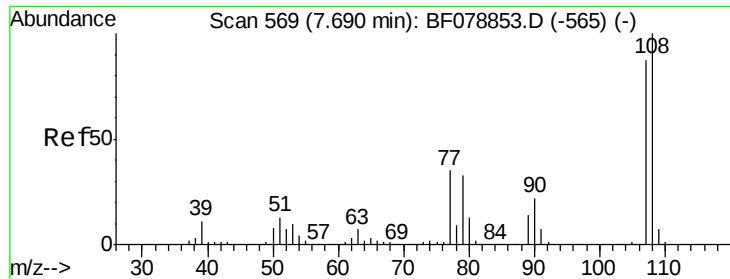
Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	45	Resp:	30228
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.6
79	12.1	0.0	29.3





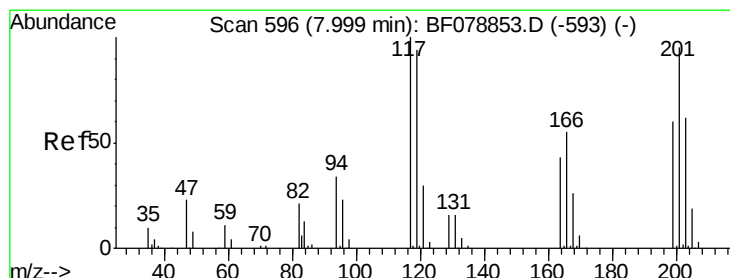
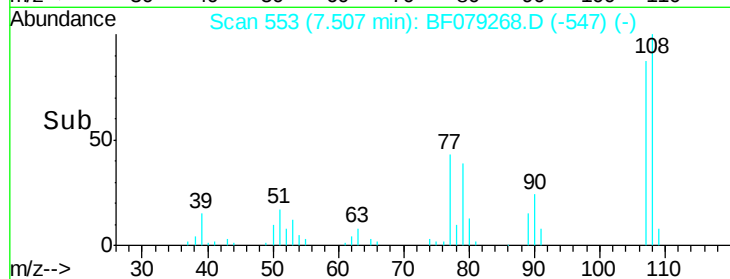
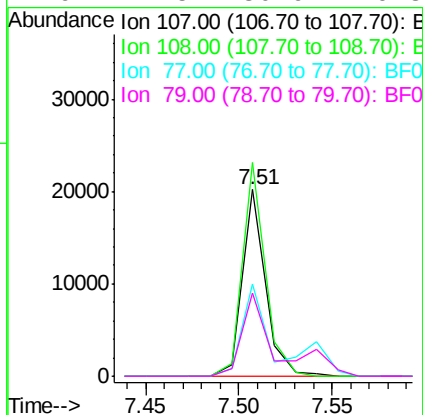
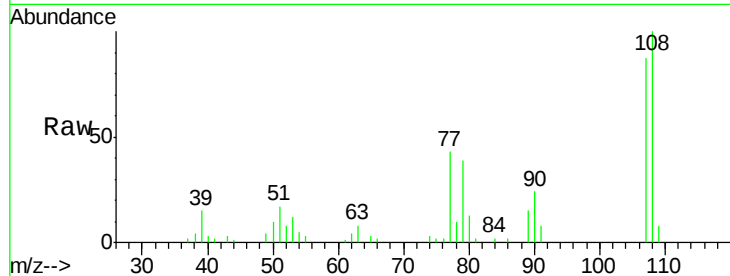
#17
2-Methylphenol
Concen: 5.79 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion:	107	Resp:	17448
Ion Ratio	Lower	Upper	
107	100		
108	114.4	92.4	138.6
77	49.4	32.6	49.0#
79	44.5	30.9	46.3

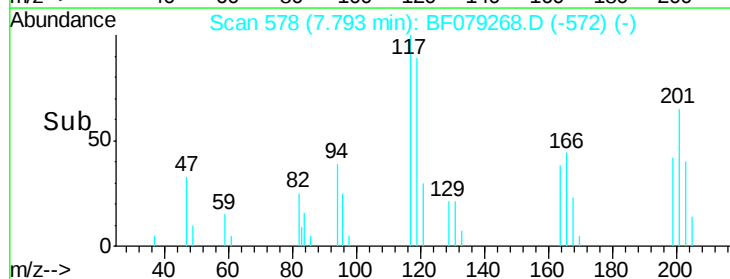
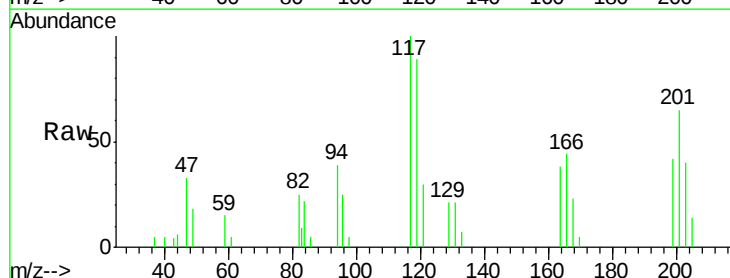
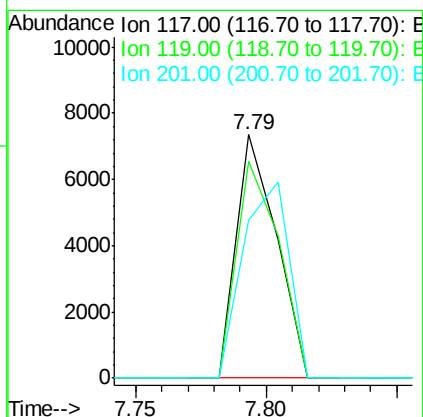
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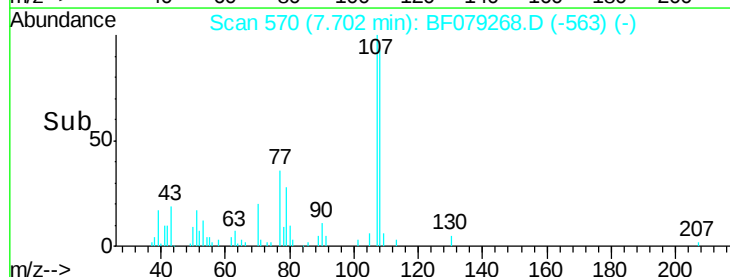
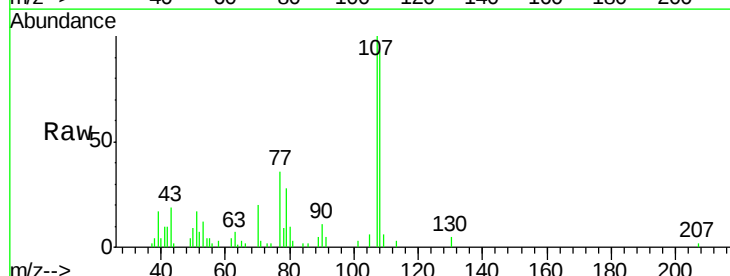
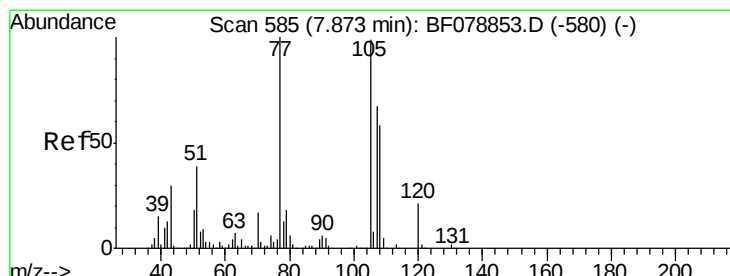
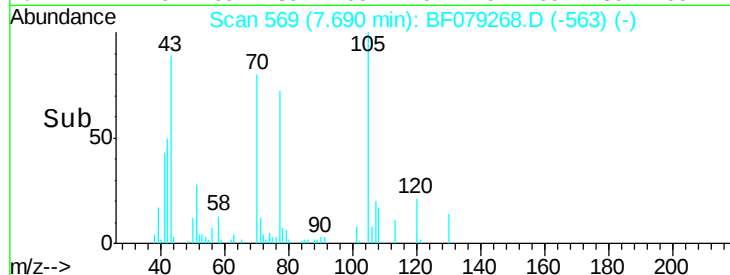
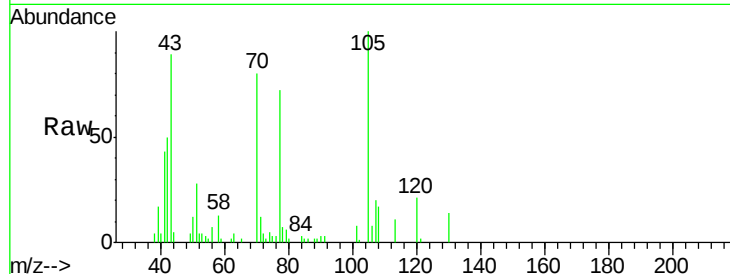
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#18
Hexachloroethane
Concen: 5.31 ng
RT: 7.79 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

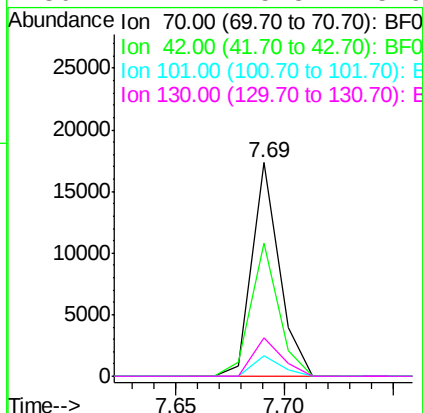
Tgt Ion:	117	Resp:	7920
Ion Ratio	Lower	Upper	
117	100		
119	89.1	75.2	112.8
201	64.8	75.8	113.8#





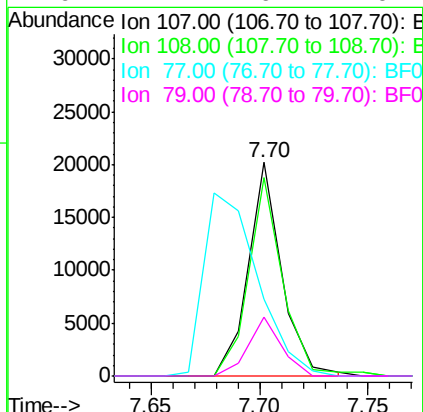
#19
n-Nitroso-di-n-propylamine
Concen: 5.16 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.6	47.3	70.9	
101	9.7	7.5	11.3	
130	17.7	15.8	23.6	



#20
3+4-Methylphenols
Concen: 5.38 ng
RT: 7.70 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	66.5	106.5	
77	35.8	130.6	170.6	
79	27.7	6.4	46.4	



Instrument :
BNA_F
ClientSampleId :
PB83401BS

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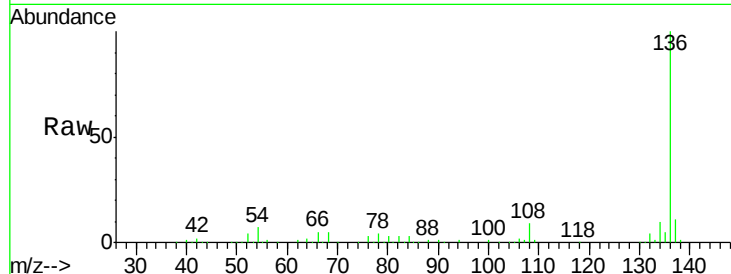
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.75 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232768		
137	10.8		8.8	13.2
54	7.2		6.9	10.3
68	5.2		4.9	7.3

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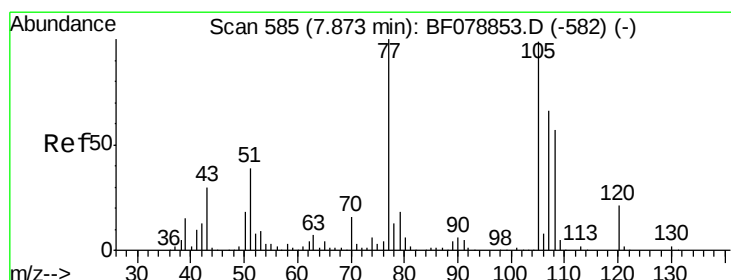
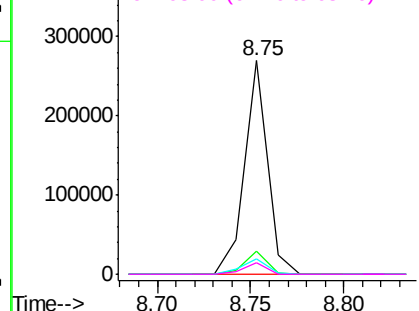
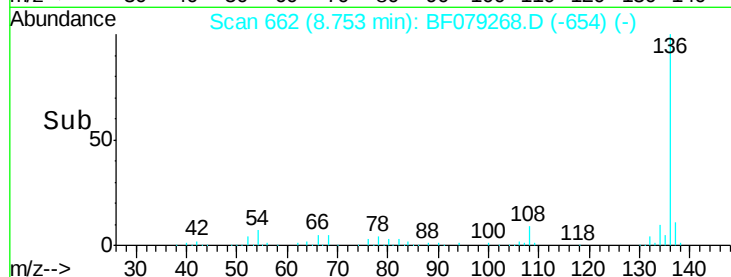
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

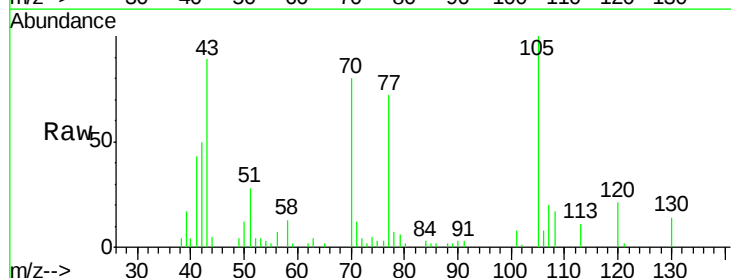
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 5.69 ng
RT: 7.69 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	29898		
71	12.0		2.2	3.4#
51	27.5		31.1	46.7#
120	21.2		16.7	25.1



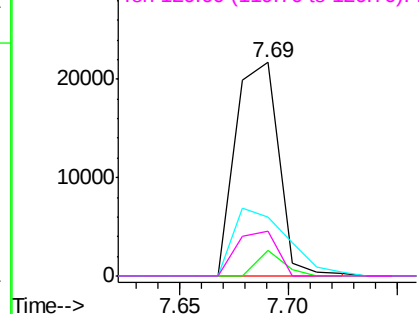
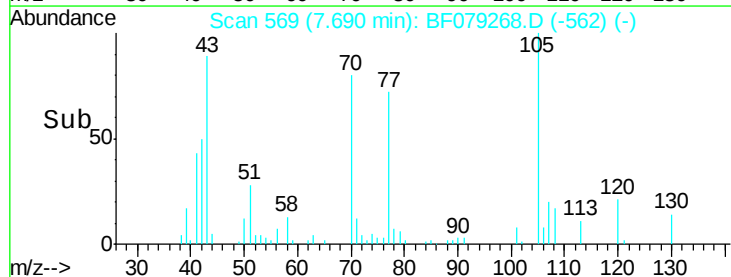
Abundance

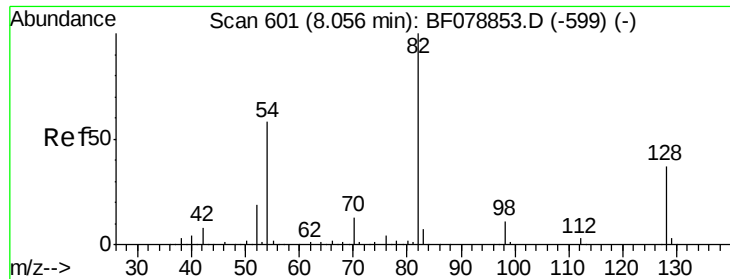
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 10.41 ng

RT: 7.87 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

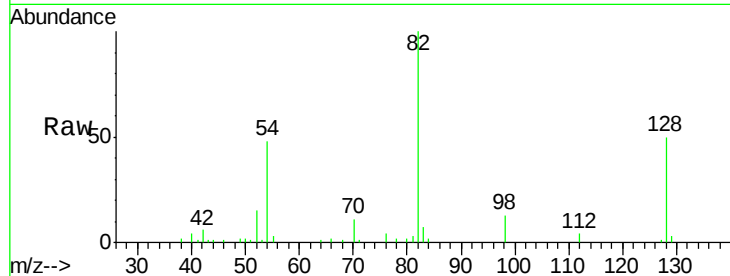
ClientSampleId :

PB83401BS

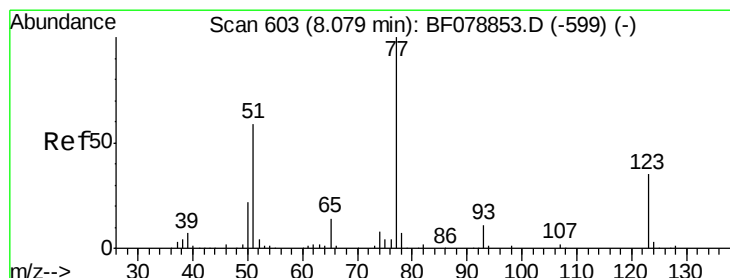
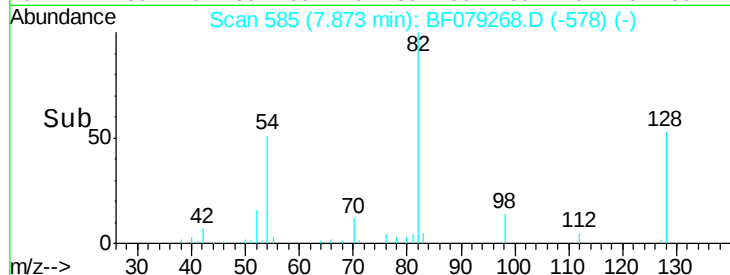
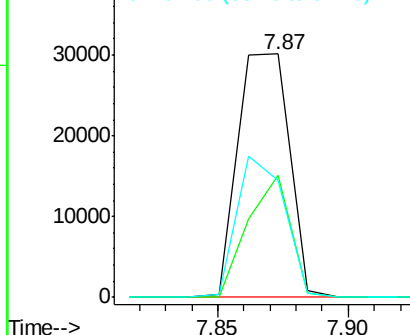
Tot Ion:	82	Resp:	42175
Ion Ratio	Lower	Upper	
82	100		
128	50.0	29.7	44.5#
54	47.8	46.2	69.4

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 5.10 ng

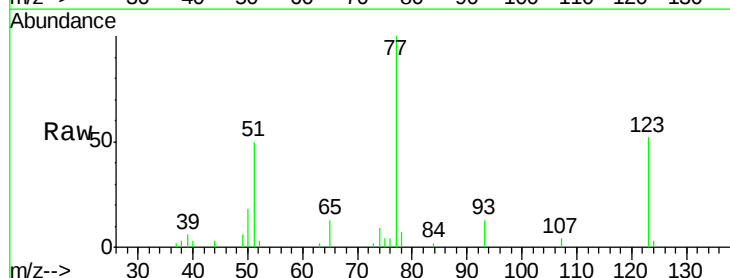
RT: 7.90 min Scan# 587

Delta R.T. 0.00 min

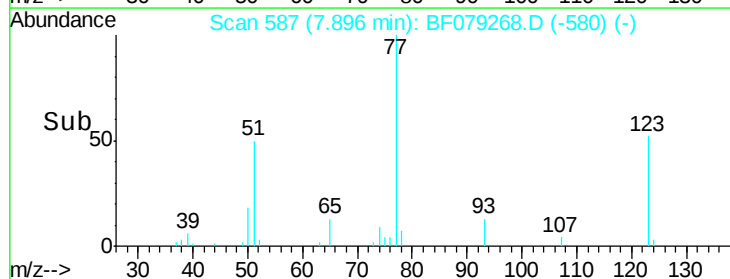
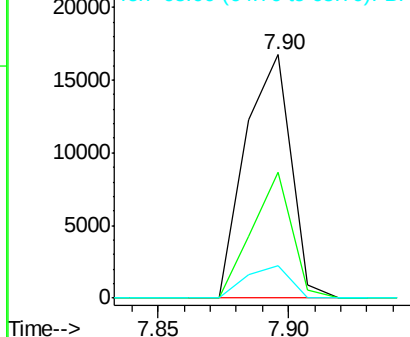
Lab File: BF079268.D

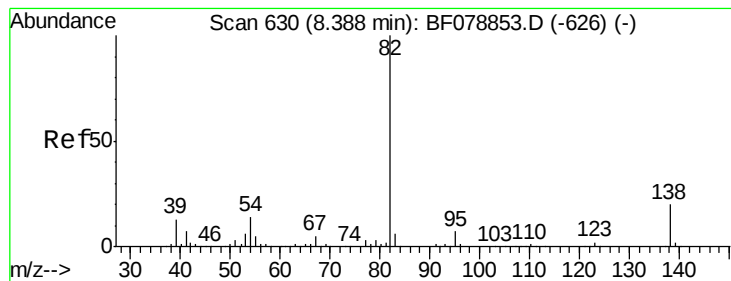
Acq: 15 May 2015 14:26

Tgt Ion:	77	Resp:	20484
Ion Ratio	Lower	Upper	
77	100		
123	52.0	28.3	42.5#
65	13.5	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 5.55 ng

RT: 8.19 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

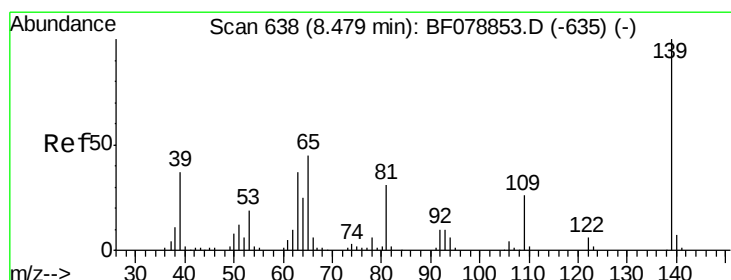
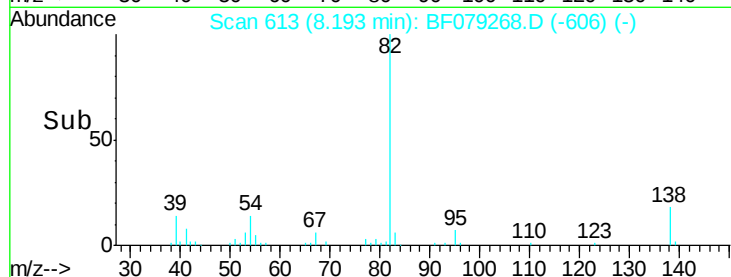
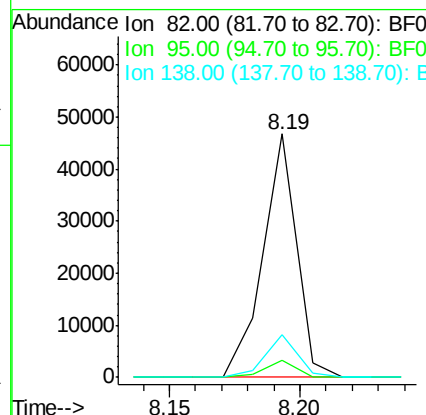
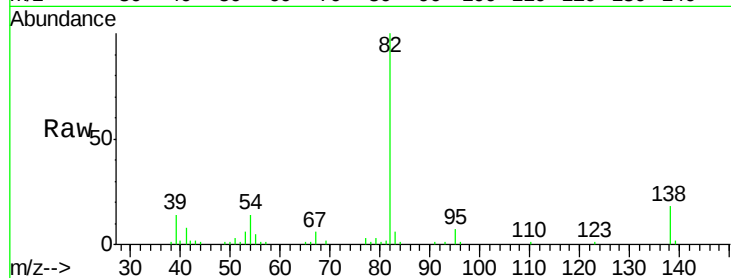
ClientSampleId :

PB83401BS

Tot Ion:	82	Resp:	41690
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	17.6	16.1	24.1

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#26

2-Nitrophenol

Concen: 4.92 ng

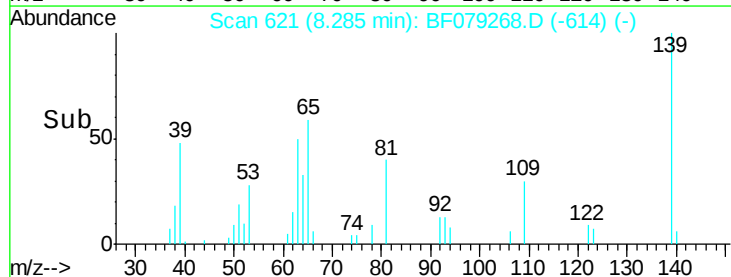
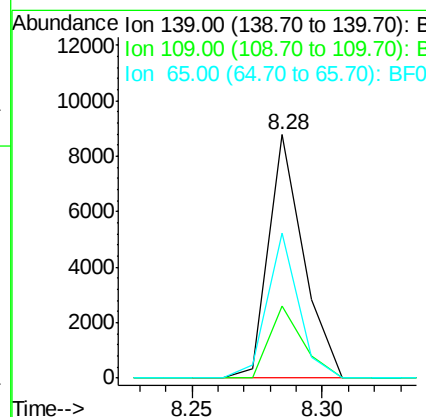
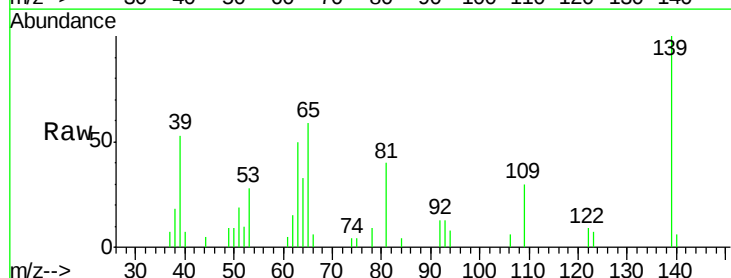
RT: 8.28 min Scan# 621

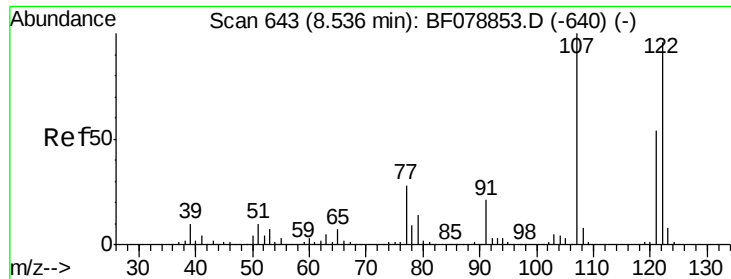
Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	139	Resp:	8171
Ion Ratio	Lower	Upper	
139	100		
109	29.7	20.9	31.3
65	59.4	35.8	53.8#





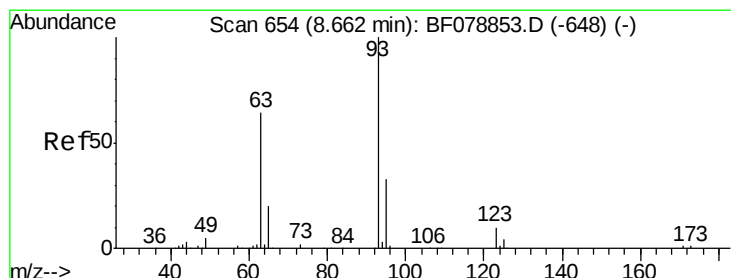
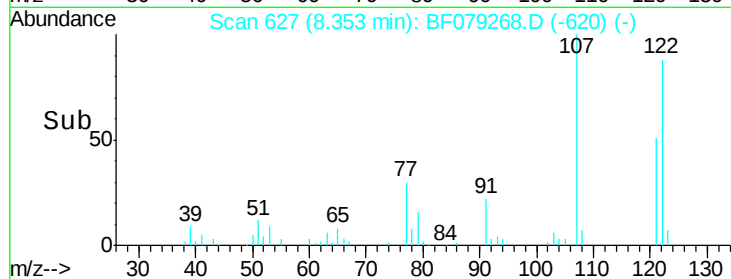
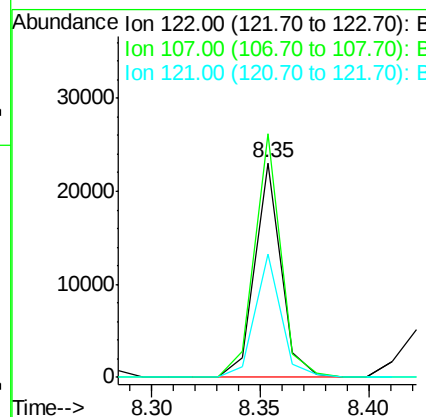
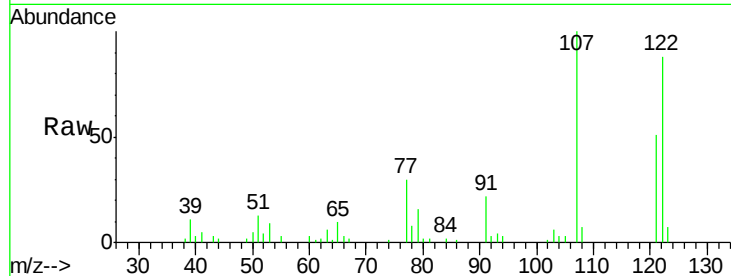
#27
 2,4-Dimethylphenol
 Concen: 5.80 ng
 RT: 8.35 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	19289		
107	113.6	83.6	125.4	
121	57.8	44.9	67.3	

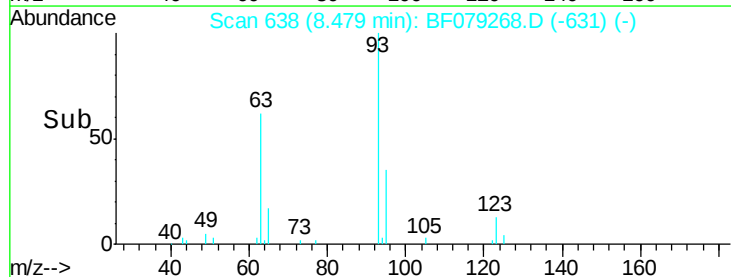
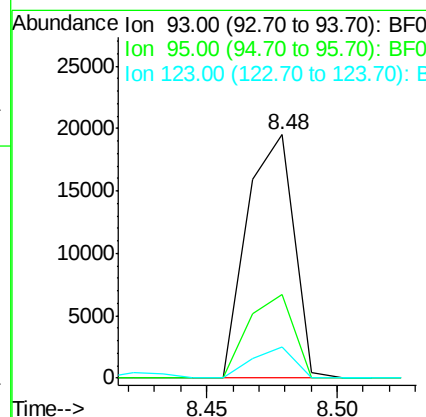
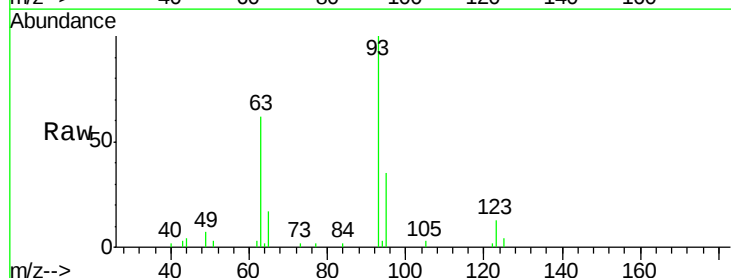
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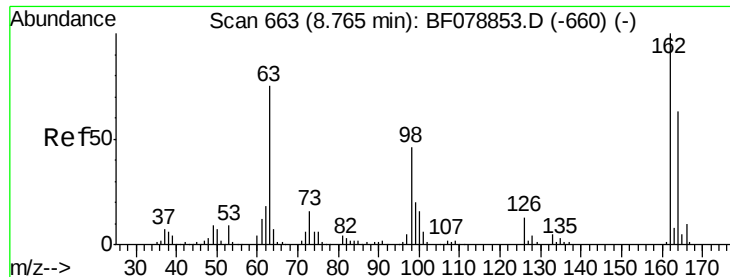
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#28
 bis(2-Chloroethoxy)methane
 Concen: 5.32 ng
 RT: 8.48 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	24644		
95	34.5	26.2	39.2	
123	12.6	8.6	12.8	





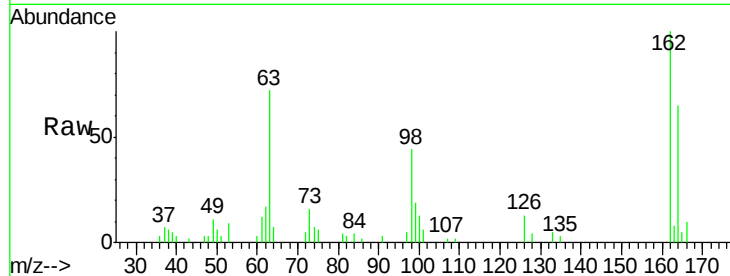
#29
 2,4-Dichlorophenol
 Concen: 5.66 ng
 RT: 8.58 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

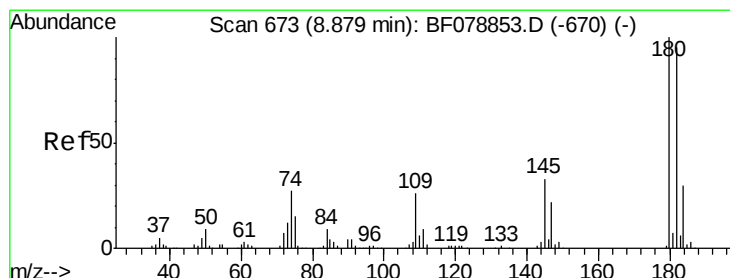
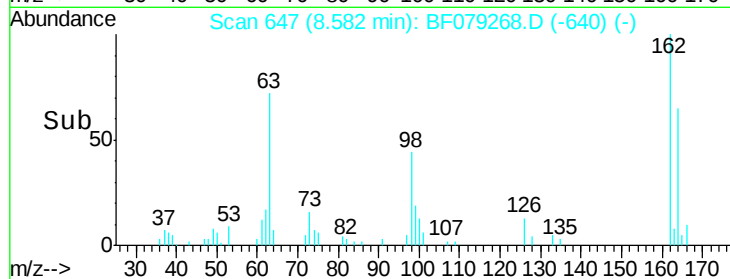
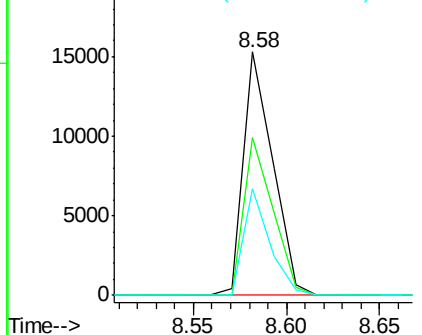
Tot Ion:	162	Resp:	16726
Ion Ratio	Lower	Upper	
162	100		
164	64.9	42.7	82.7
98	43.6	26.3	66.3

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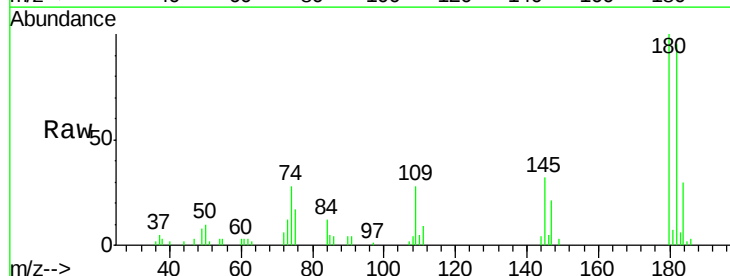


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

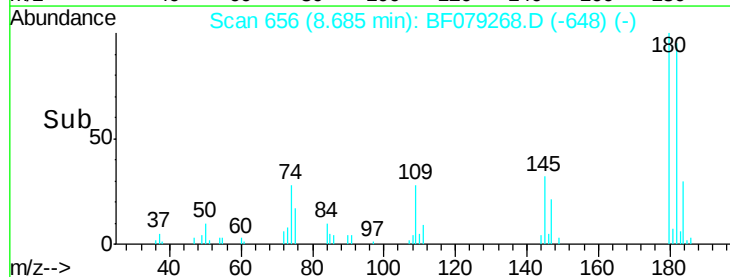
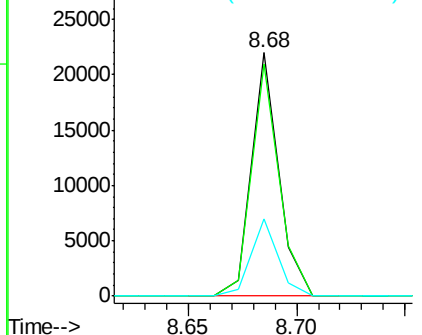


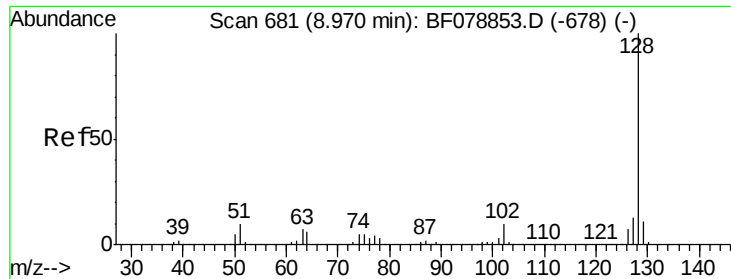
#30
 1,2,4-Trichlorobenzene
 Concen: 5.89 ng
 RT: 8.68 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion:	180	Resp:	19142
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.7	113.5
145	31.6	26.2	39.4



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





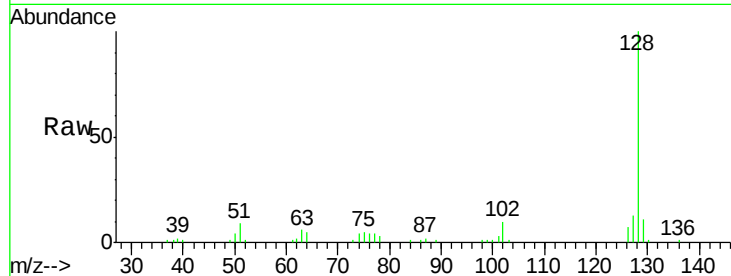
#31
Naphthalene
Concen: 5.85 ng
RT: 8.78 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

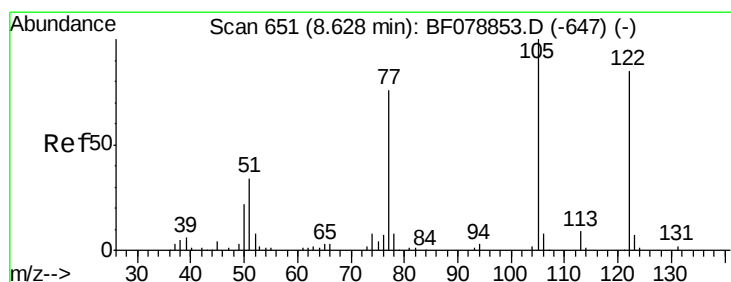
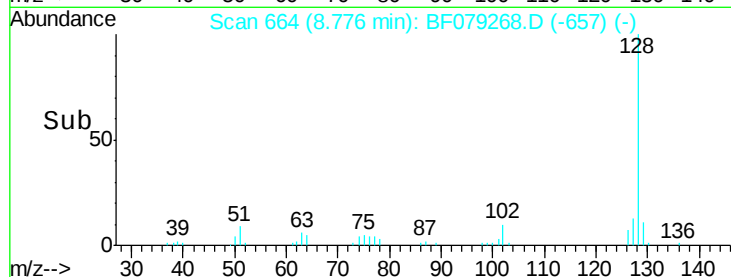
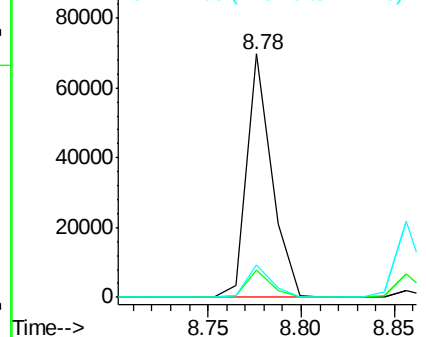
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	13.1	10.3	15.5

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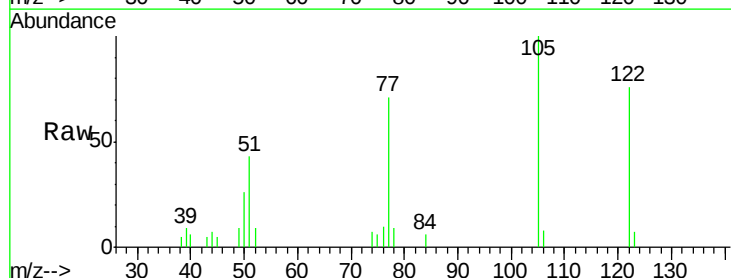


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

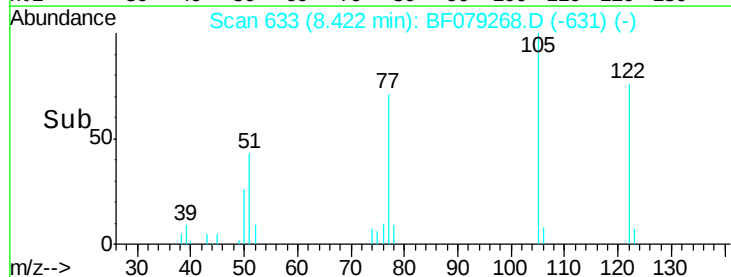
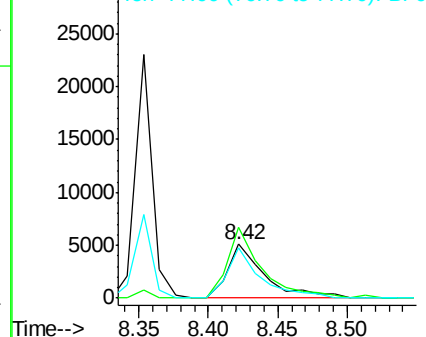


#32
Benzoic acid
Concen: 10.27 ng m
RT: 8.42 min Scan# 633
Delta R.T. -0.06 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.8	100.7	140.7
77	93.4	72.0	112.0



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





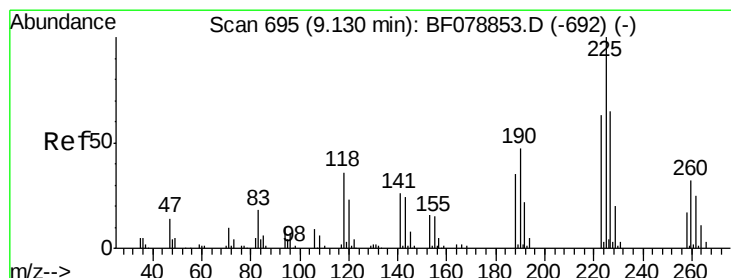
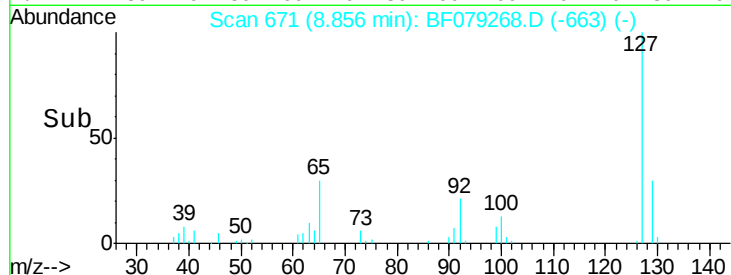
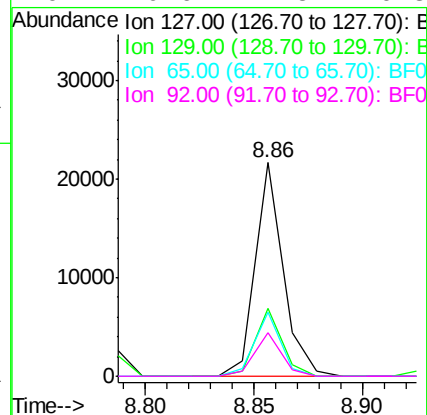
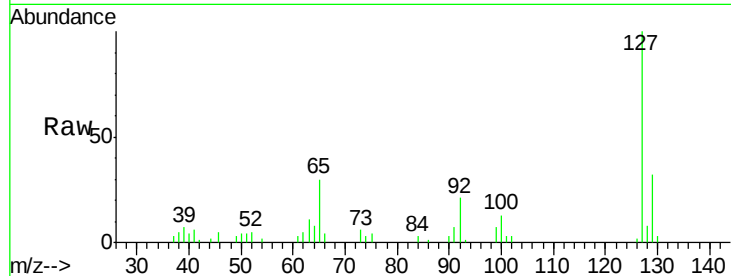
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 8.86 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.6	38.4		
65	29.7	30.2	45.4		
92	20.6	17.5	26.3		

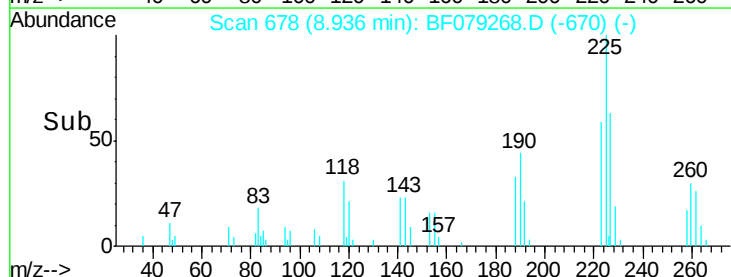
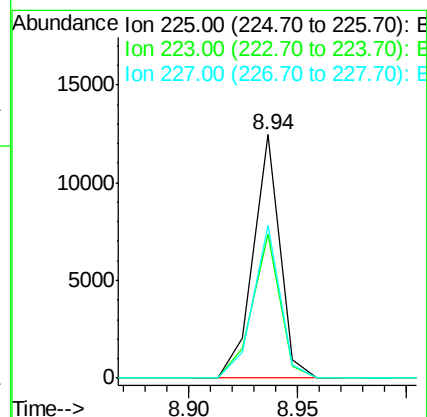
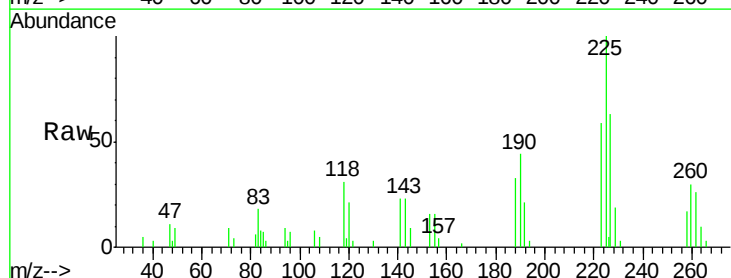
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#34
Hexachlorobutadiene
Concen: 5.68 ng
RT: 8.94 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.2	50.6	75.8		
227	62.8	52.1	78.1		





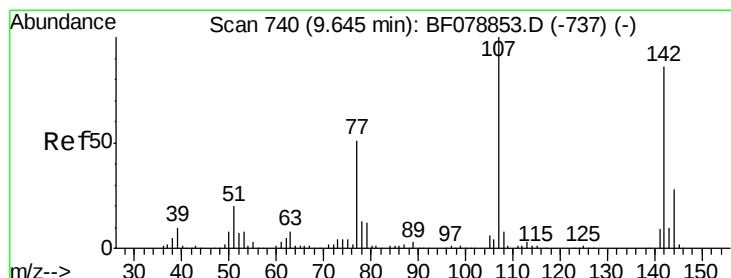
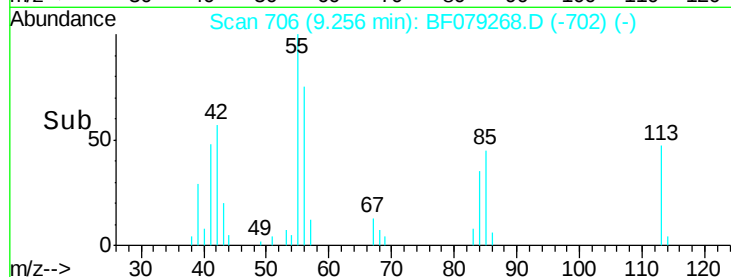
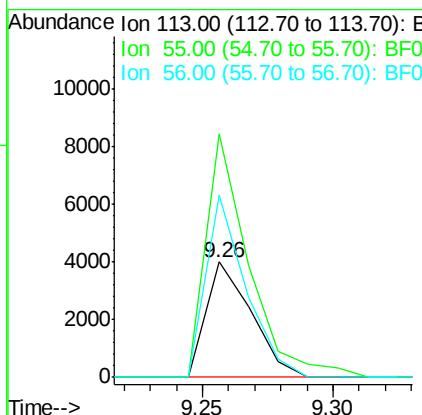
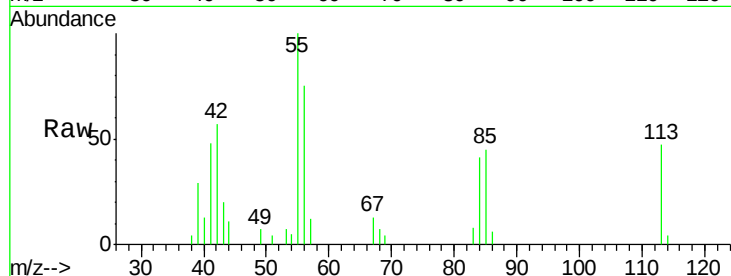
#35
 Caprolactam
 Concen: 5.01 ng
 RT: 9.26 min Scan# 706
 Delta R.T. -0.05 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	210.8	176.0	216.0
56	157.9	123.8	163.8

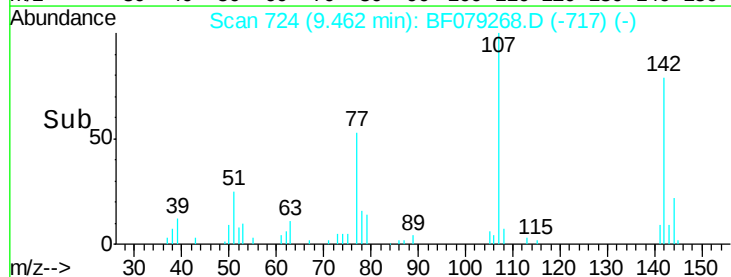
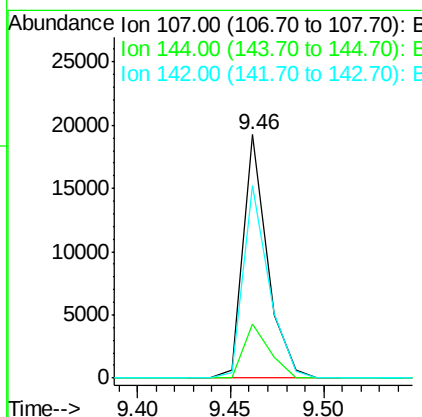
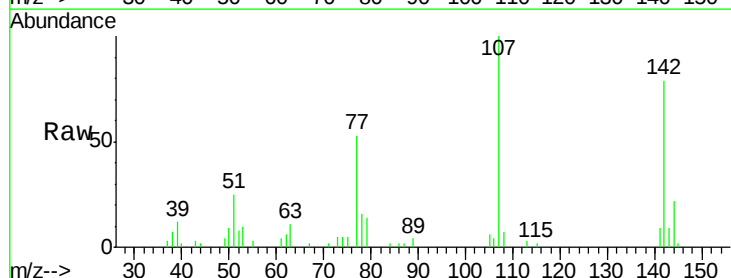
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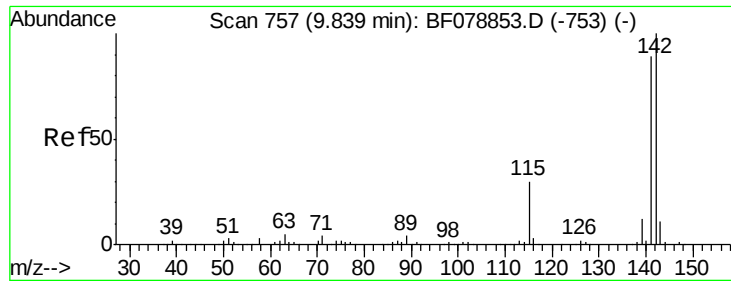
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#36
 4-Chloro-3-methylphenol
 Concen: 5.63 ng
 RT: 9.46 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.1	22.5	33.7#
142	78.9	68.6	103.0





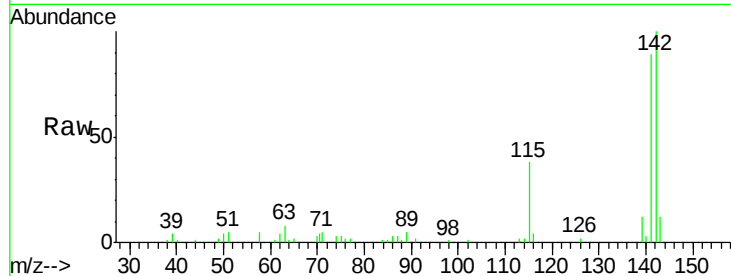
#37
2-Methylnaphthalene
Concen: 5.62 ng
RT: 9.63 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.6	107.4
115	37.5	24.2	36.4

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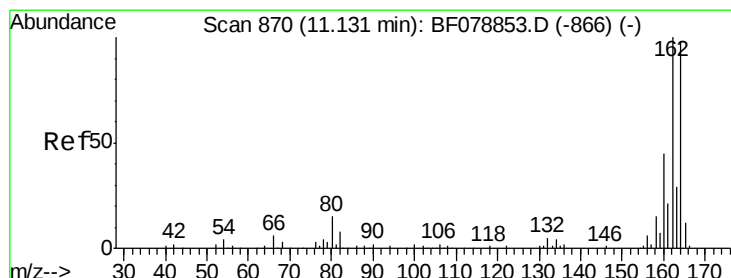
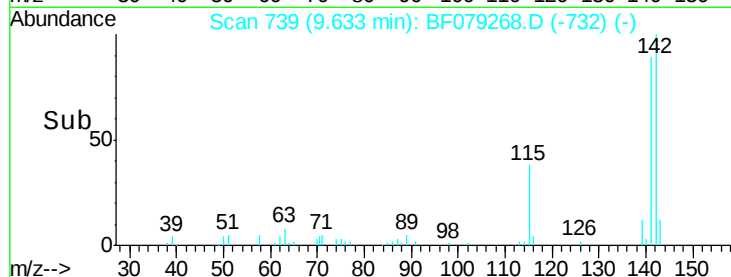
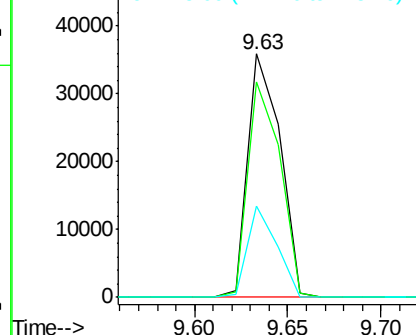


Abundance

Ion 142.00 (141.70 to 142.70): E

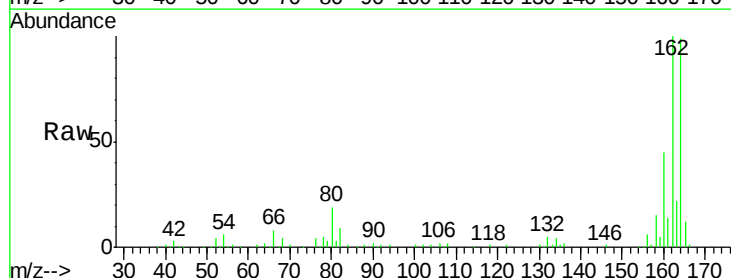
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.92 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.0
160	45.0	36.6	54.8

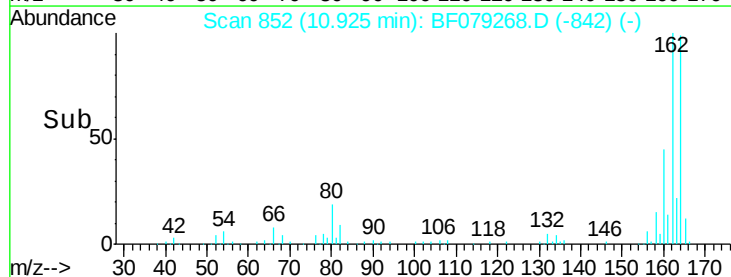
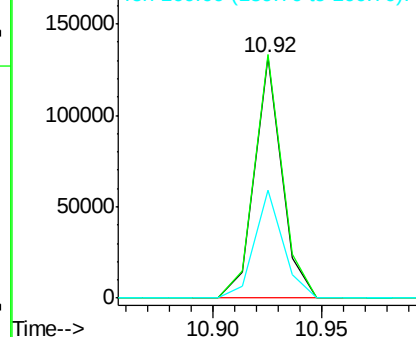


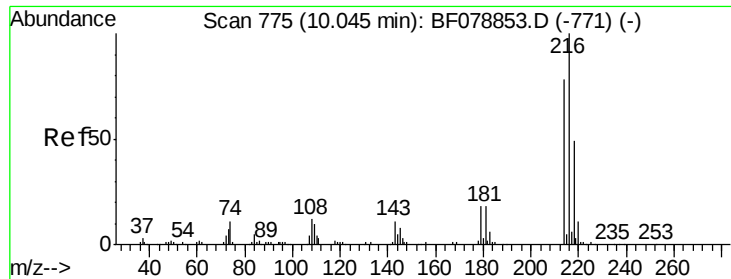
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 5.36 ng

RT: 9.84 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

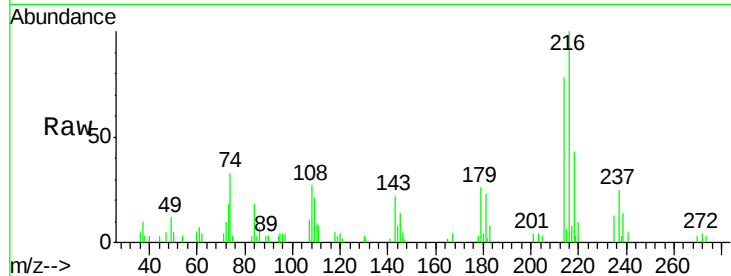
ClientSampleId :

PB83401BS

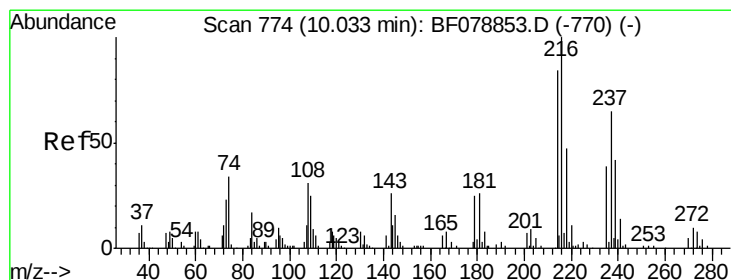
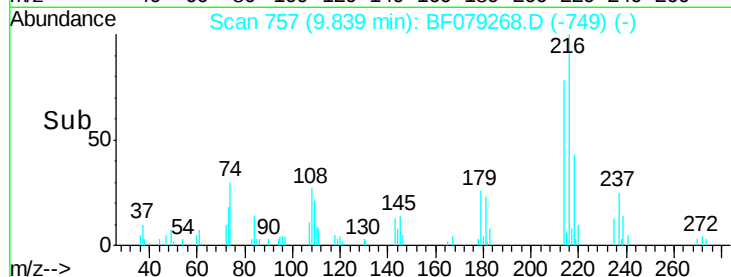
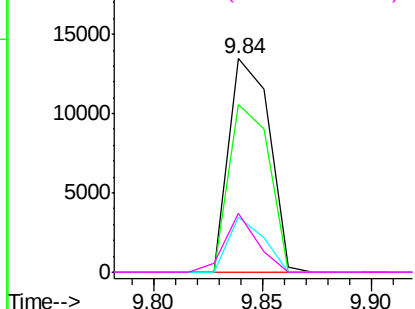
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		17351		
214	77.6		64.0	96.0	
179	22.2		17.0	25.4	
108	21.9		17.0	25.6	

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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: 5.89 ng

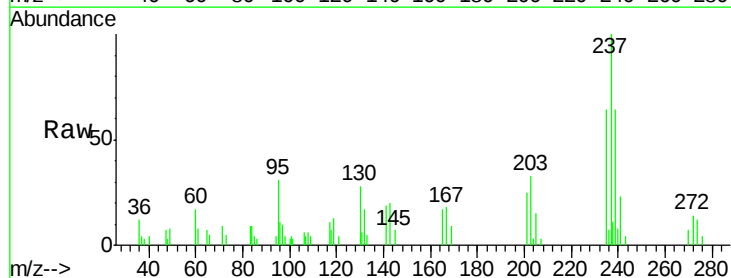
RT: 9.83 min Scan# 756

Delta R.T. 0.00 min

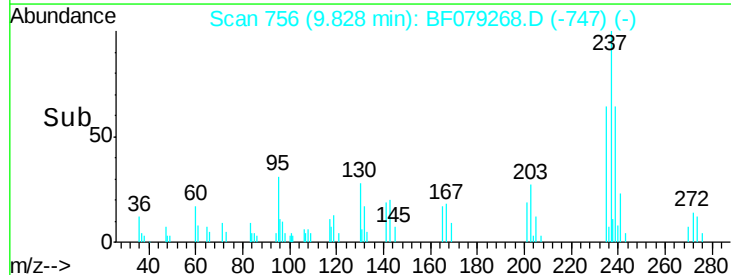
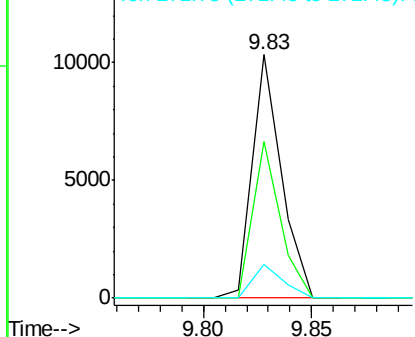
Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		9588		
235	64.2		40.0	80.0	
272	13.9		0.0	36.0	



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





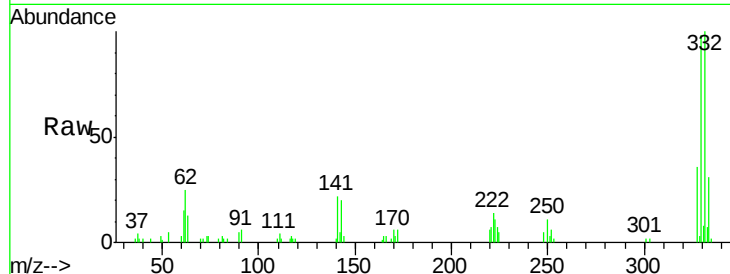
#41
 2,4,6-Tribromophenol
 Concen: 16.43 ng
 RT: 11.91 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

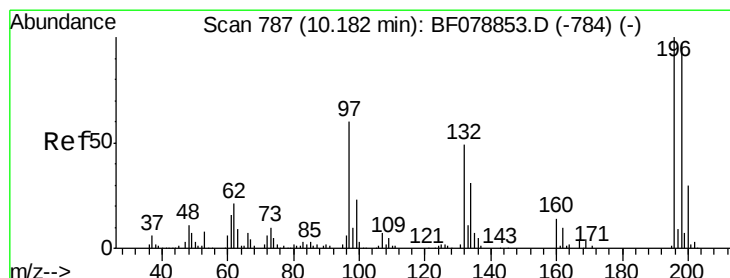
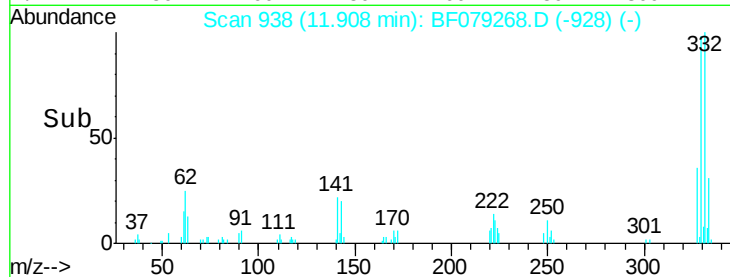
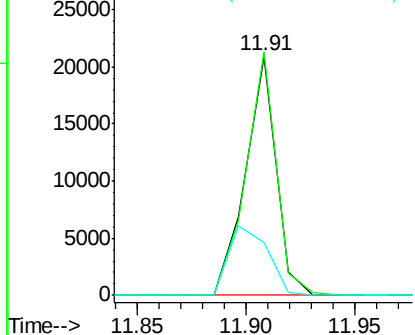
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	100.8	76.9	115.3	
141	36.9	27.8	41.8	

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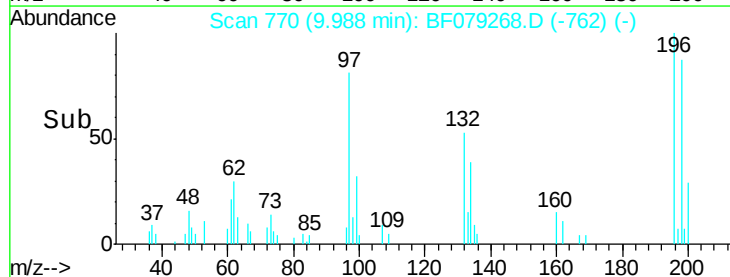
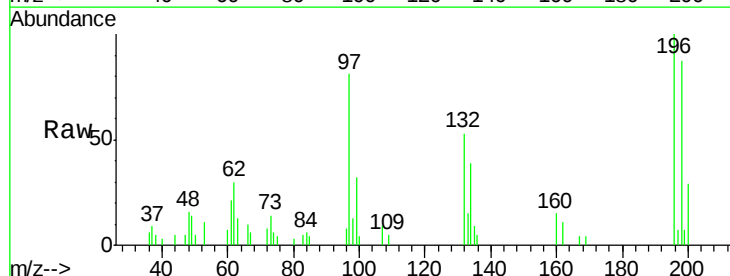
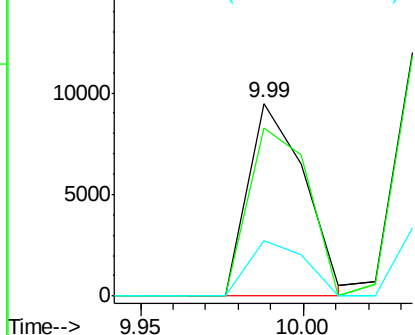
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 5.08 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	87.2	77.4	116.2	
200	28.6	23.7	35.5	

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





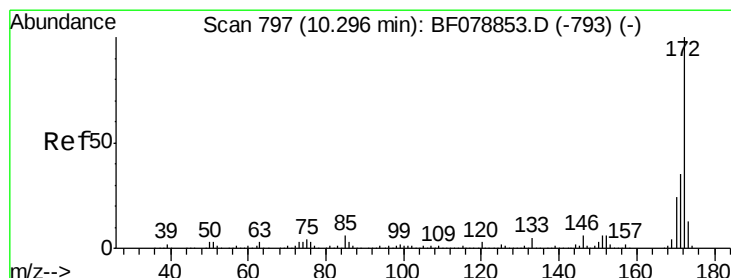
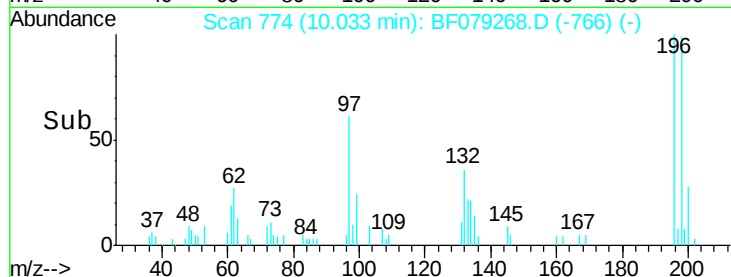
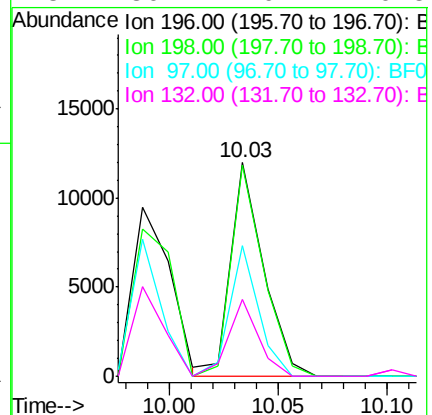
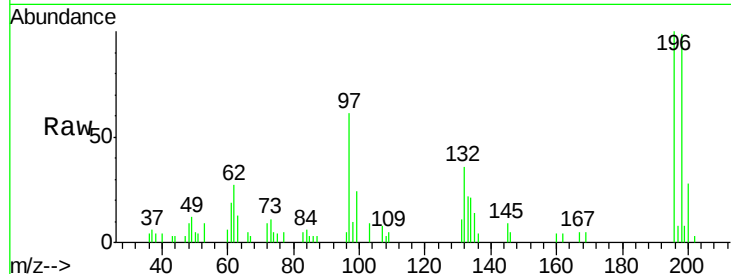
#43
 2,4,5-Trichlorophenol
 Concen: 5.56 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleID :
 PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	12515		
198	98.6	77.3	115.9	
97	61.1	31.3	46.9	
132	36.2	19.7	29.5	

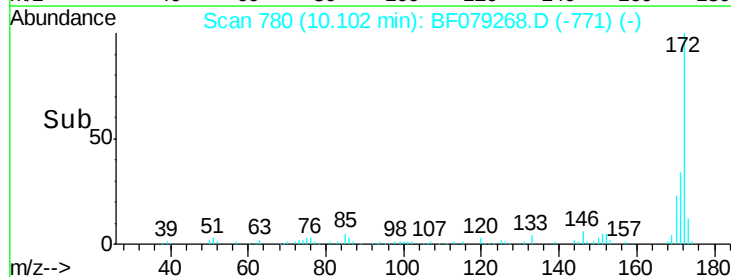
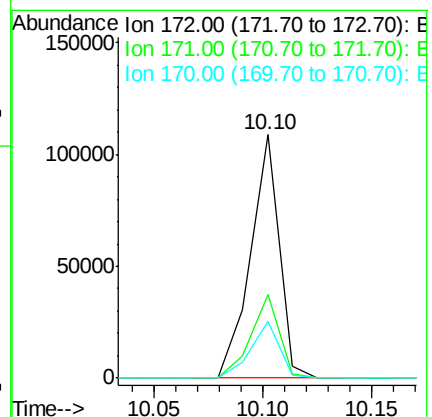
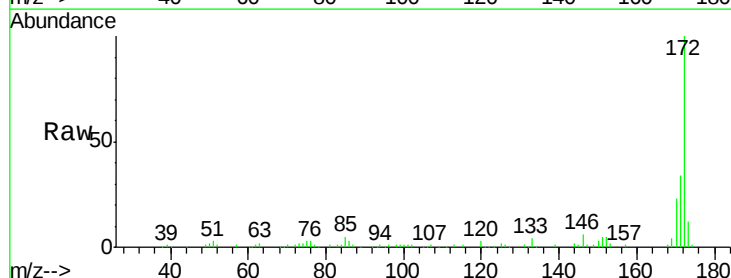
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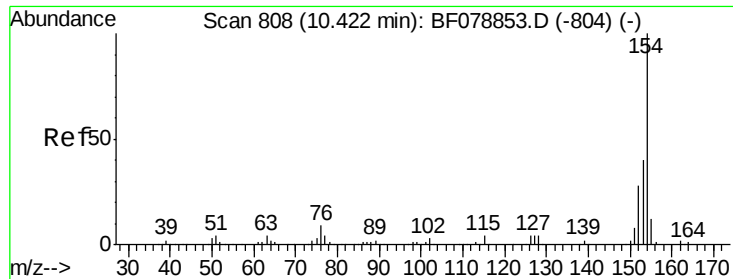
apatel
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#44
 2-Fluorobiphenyl
 Concen: 11.99 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	98965		
171	34.2	28.3	42.5	
170	23.4	19.4	29.2	





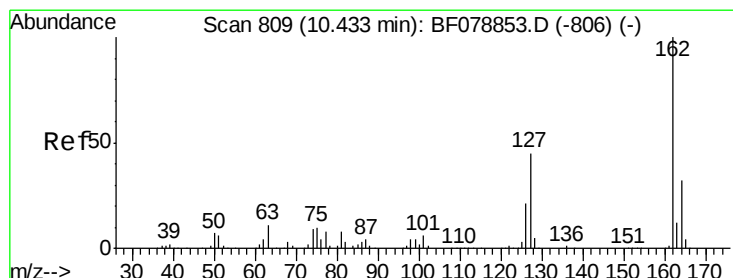
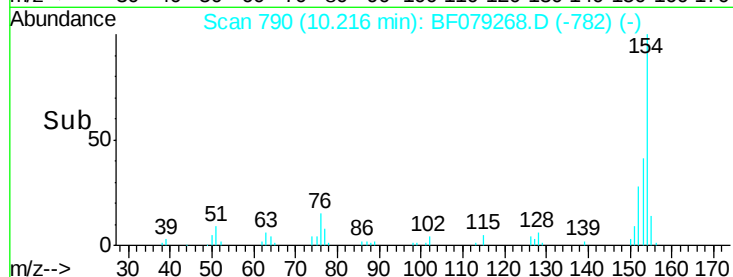
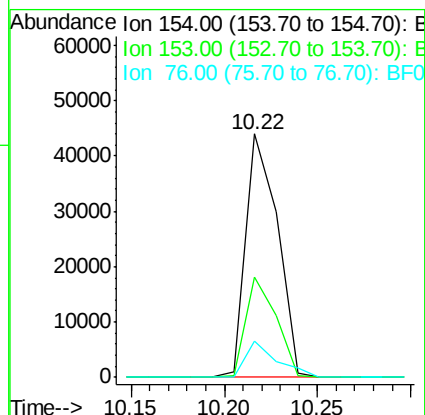
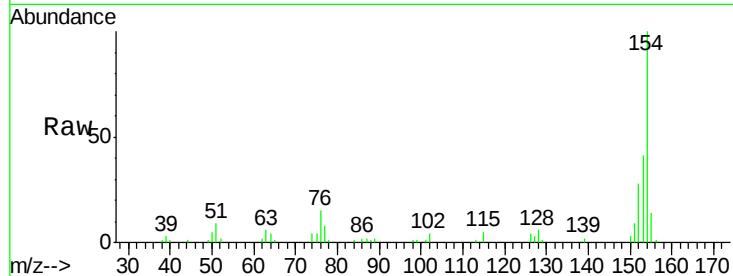
#45
1,1'-Biphenyl
Concen: 5.67 ng
RT: 10.22 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	19.7	59.7
76	15.0	0.0	29.1

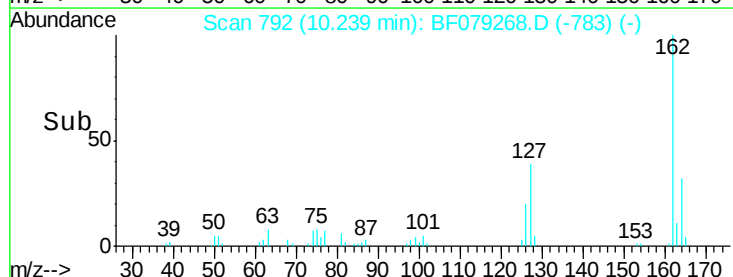
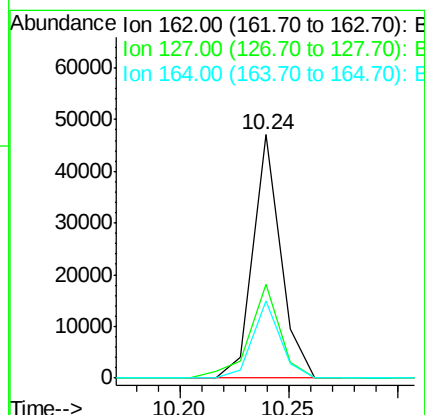
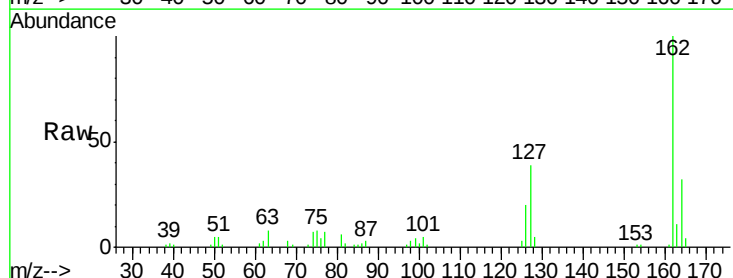
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#46
2-Chloronaphthalene
Concen: 5.84 ng
RT: 10.24 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	36.3	54.5
164	31.6	25.9	38.9





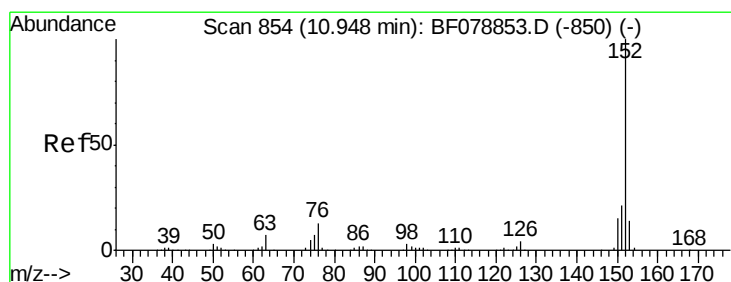
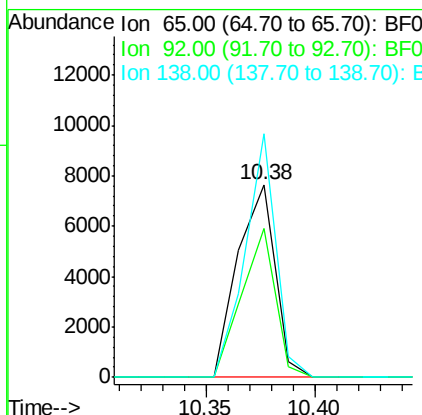
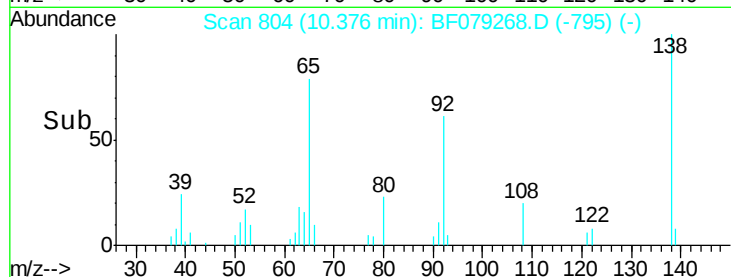
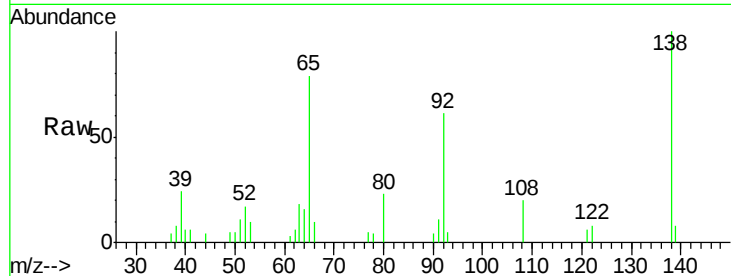
#47
 2-Nitroaniline
 Concen: 4.43 ng
 RT: 10.38 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.2	49.1	73.7#
138	126.3	63.2	94.8#

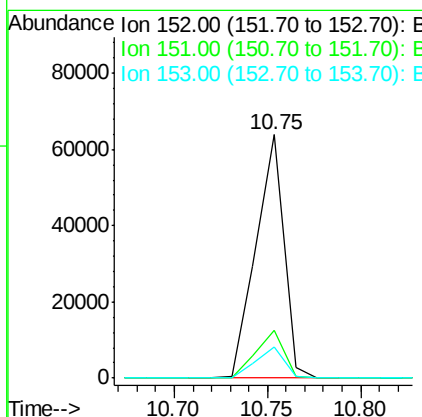
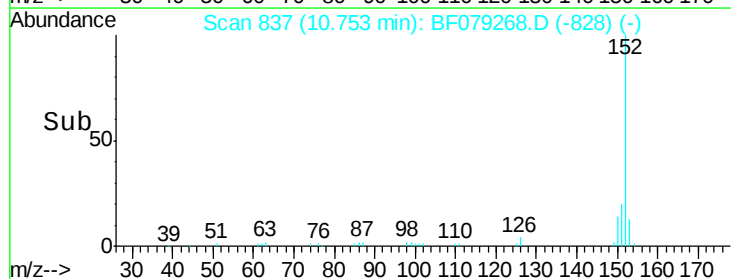
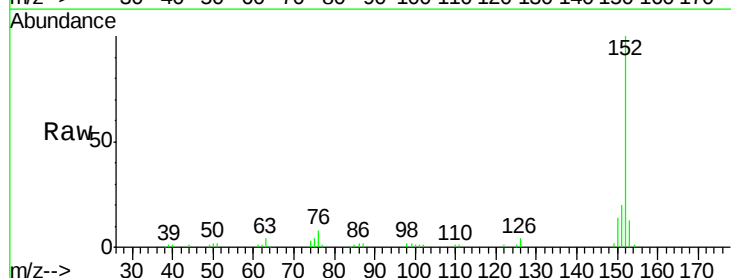
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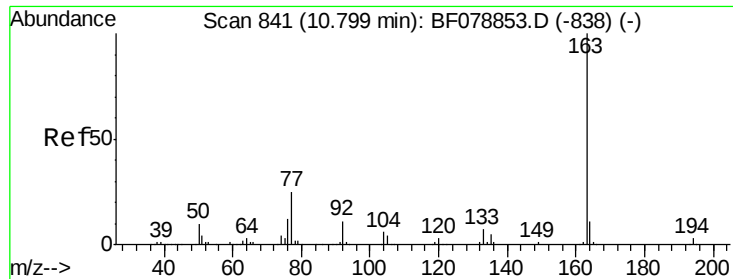
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#48
 Acenaphthylene
 Concen: 5.64 ng
 RT: 10.75 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.6	24.8
153	12.7	11.0	16.6





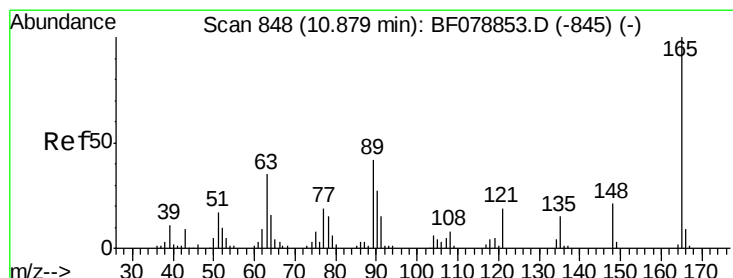
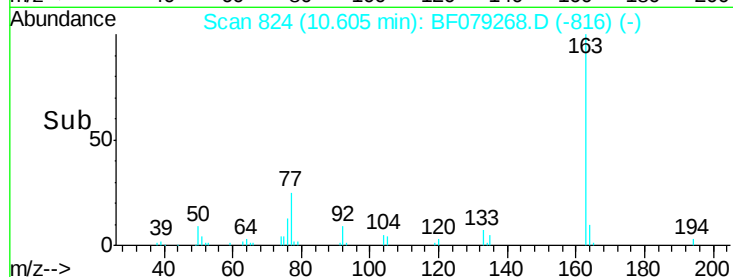
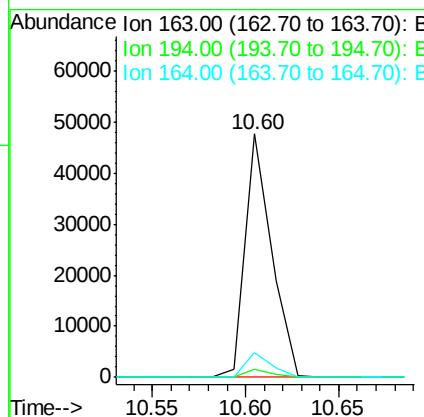
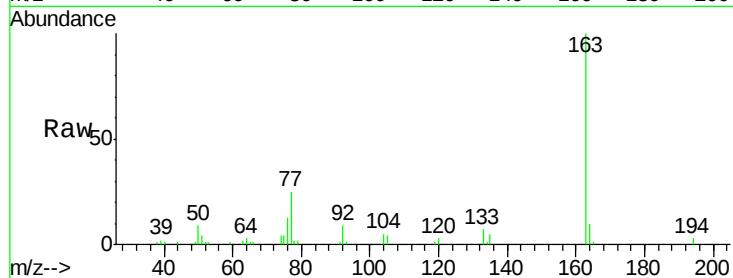
#49
Dimethylphthalate
Concen: 5.55 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	46859		
194	3.3		2.4	3.6
164	10.0		8.6	12.8

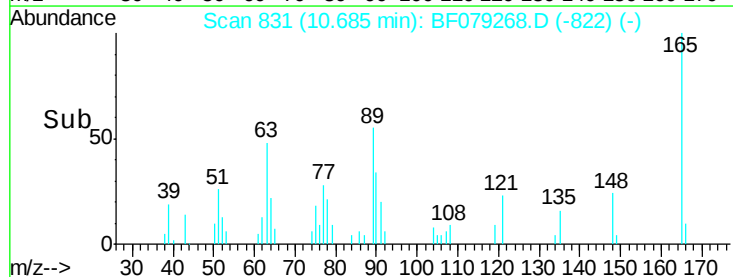
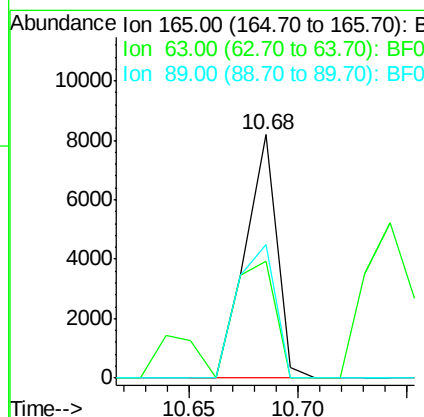
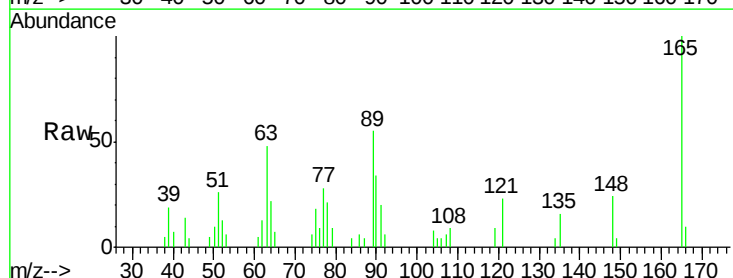
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#50
2,6-Dinitrotoluene
Concen: 4.94 ng
RT: 10.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	8227		
63	47.9		29.2	43.8#
89	54.8		33.3	49.9#





#51

Acenaphthene

Concen: 5.25 ng

RT: 10.97 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

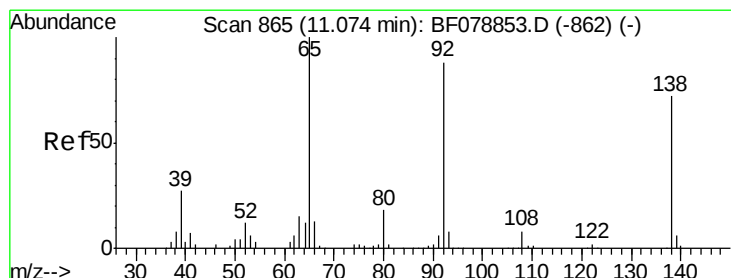
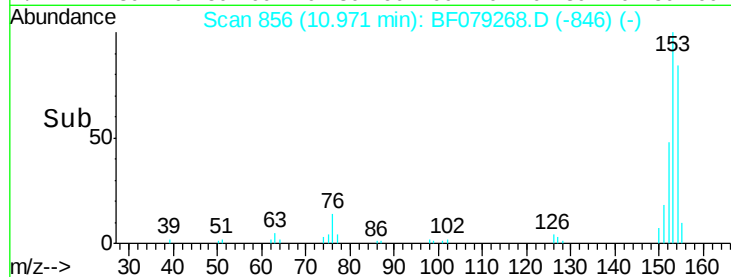
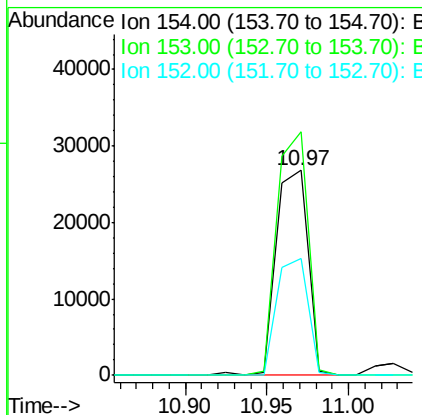
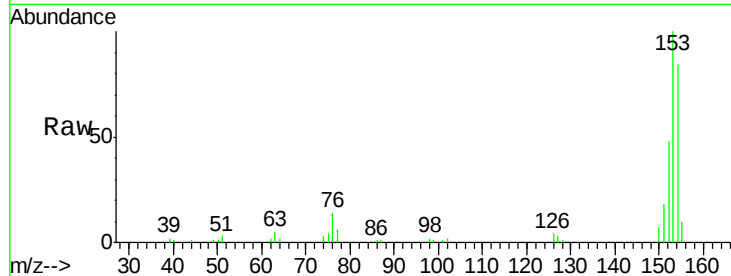
ClientSampleId :

PB83401BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.7	90.2	135.2
152	56.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 4.48 ng

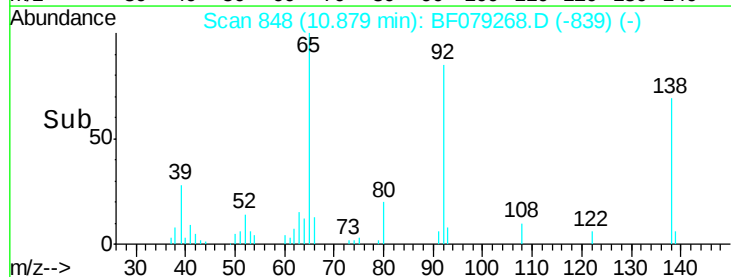
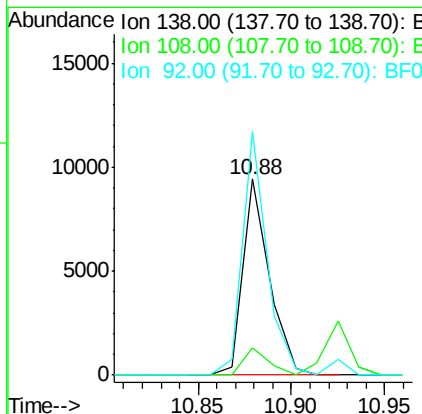
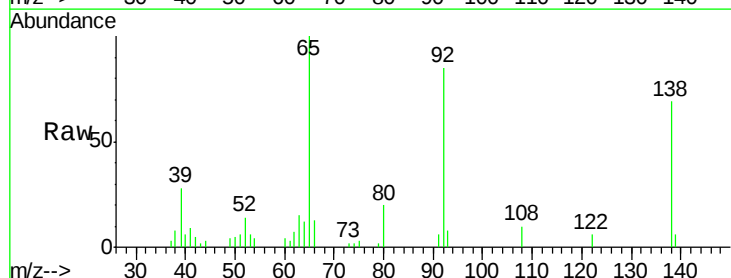
RT: 10.88 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.2	8.5	12.7#
92	124.2	97.4	146.0





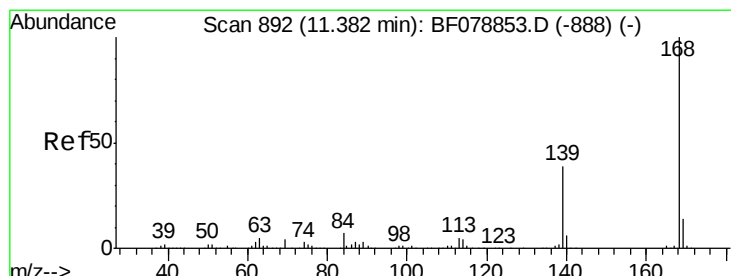
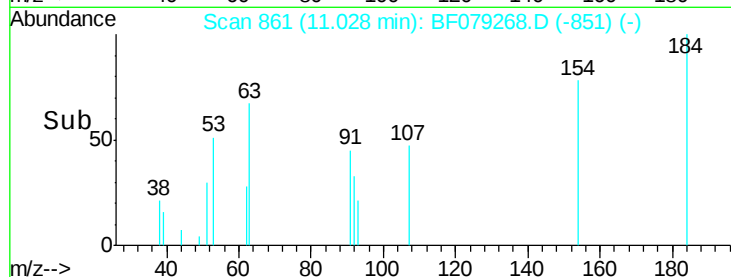
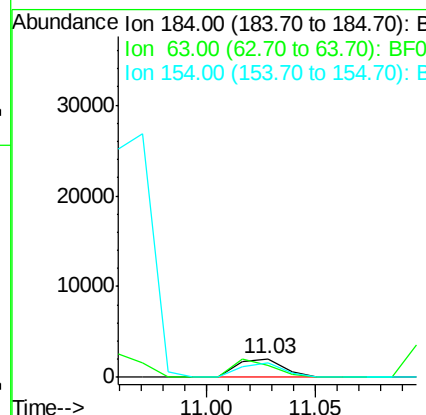
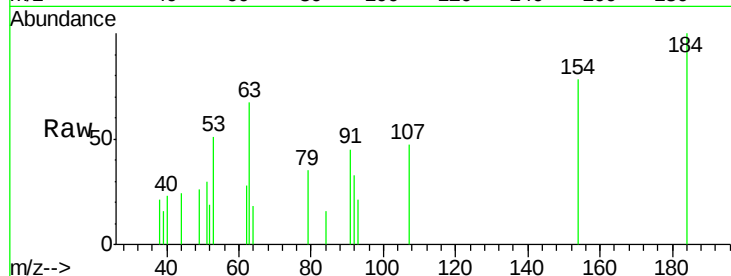
#53
2,4-Dinitrophenol
Concen: 10.07 ng
RT: 11.03 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion:184 Resp: 2946
Ion Ratio Lower Upper
184 100
63 66.8 98.8 148.2#
154 78.5 63.4 95.0

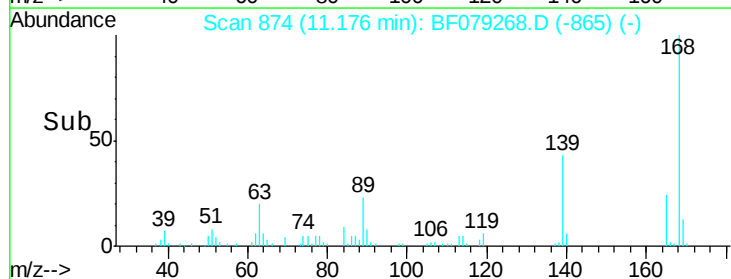
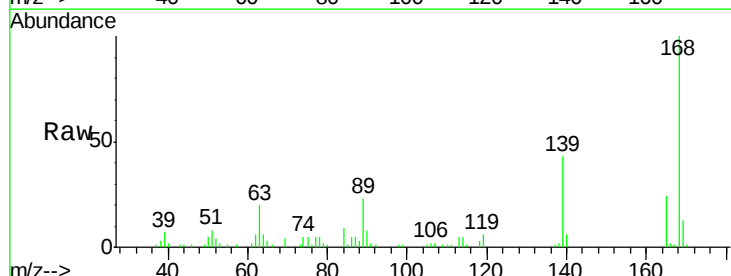
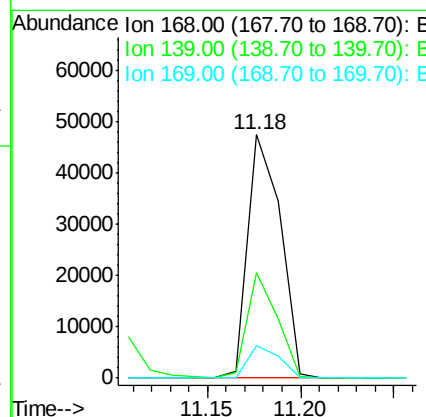
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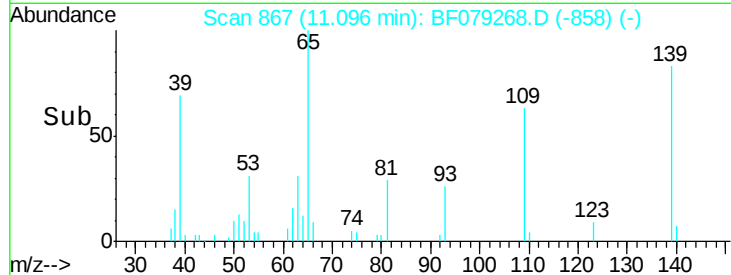
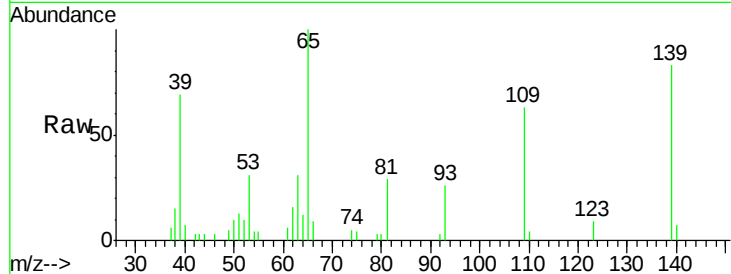
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#54
Dibenzofuran
Concen: 5.72 ng
RT: 11.18 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion:168 Resp: 57745
Ion Ratio Lower Upper
168 100
139 43.3 31.5 47.3
169 13.4 11.0 16.4





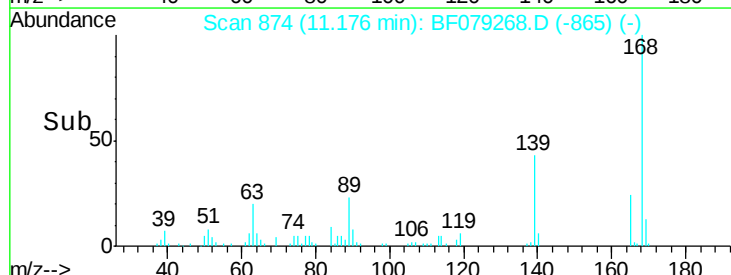
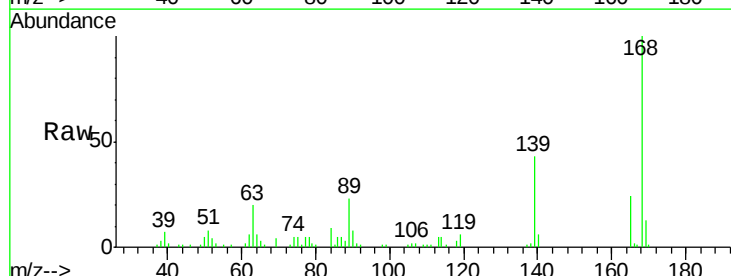
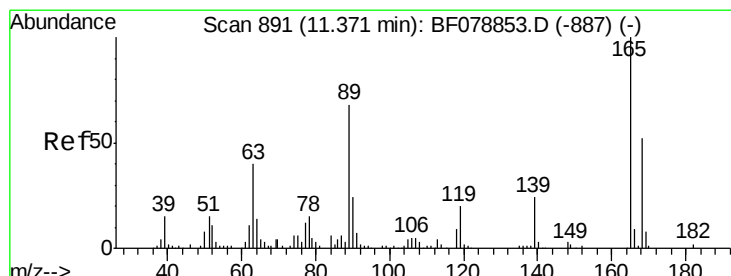
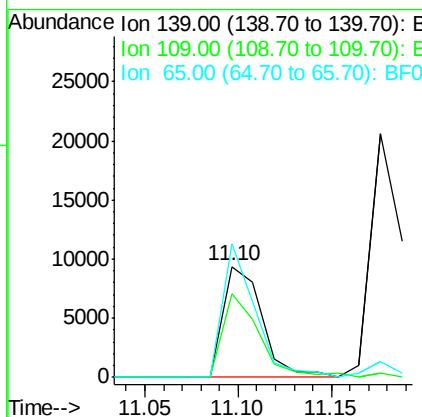
#55
4-Nitrophenol
Concen: 8.29 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tot Ion:139 Resp: 13655
Ion Ratio Lower Upper
139 100
109 75.7 54.4 94.4
65 120.6 101.0 141.0

Instrument :
BNA_F
ClientSampleId :
PB83401BS

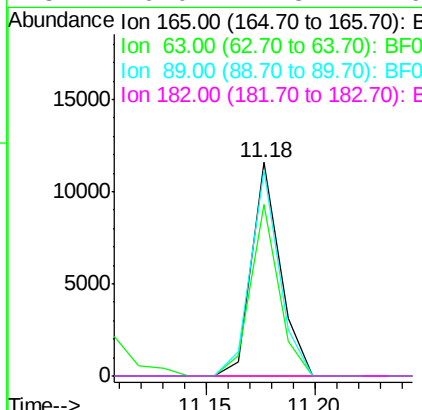
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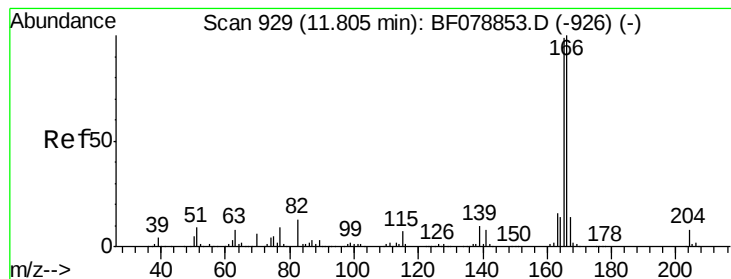
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#56
2,4-Dinitrotoluene
Concen: 4.81 ng
RT: 11.18 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion:165 Resp: 10587
Ion Ratio Lower Upper
165 100
63 80.3 32.3 48.5#
89 96.4 54.6 81.8#
182 0.0 1.8 2.6#





#57

Fluorene

Concen: 5.67 ng

RT: 11.61 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

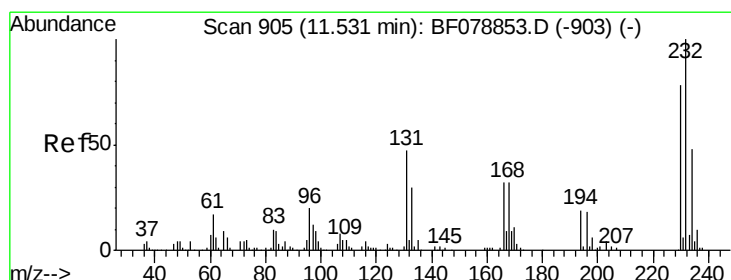
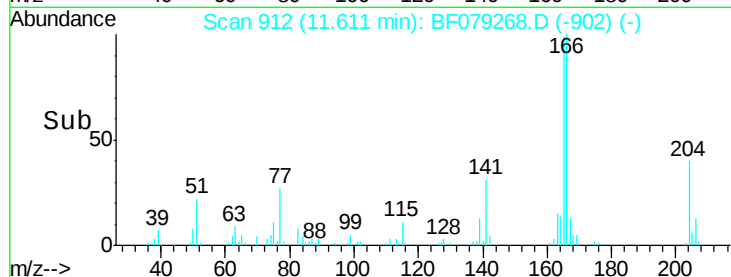
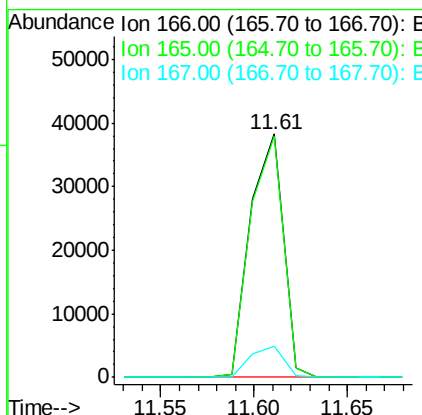
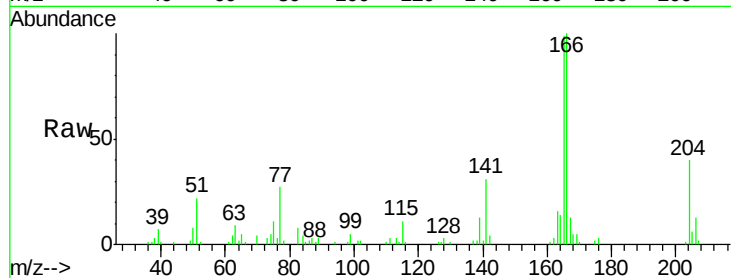
ClientSampleId :

PB83401BS

Tot Ion:	166	Resp:	46933
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.5	119.3
167	12.5	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 5.45 ng

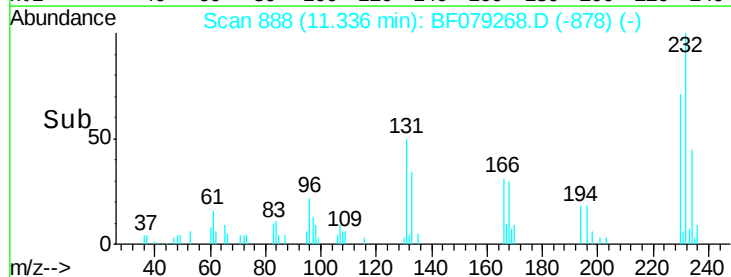
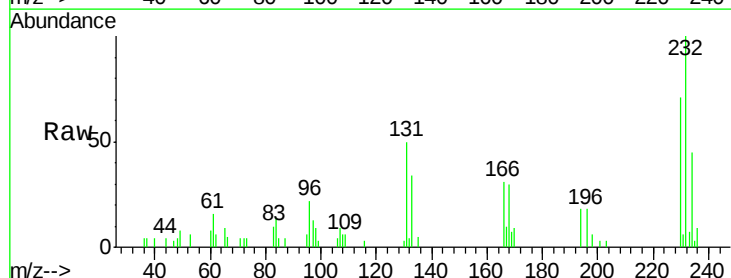
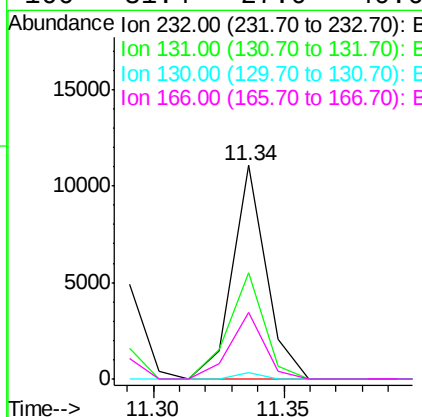
RT: 11.34 min Scan# 888

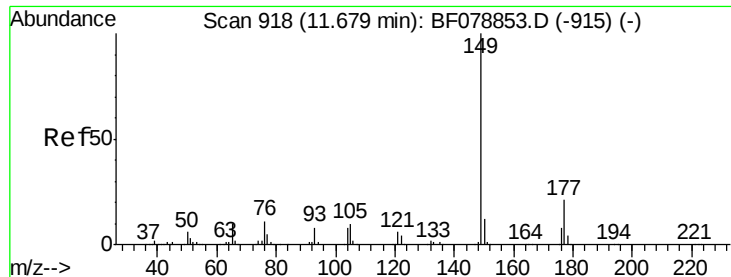
Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	232	Resp:	10031
Ion Ratio	Lower	Upper	
232	100		
131	52.5	41.9	62.9
130	2.4	1.9	2.9
166	31.4	27.0	40.6





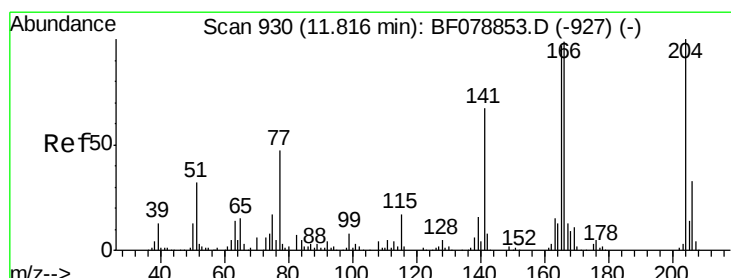
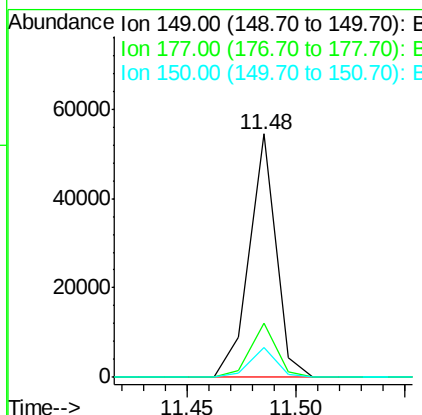
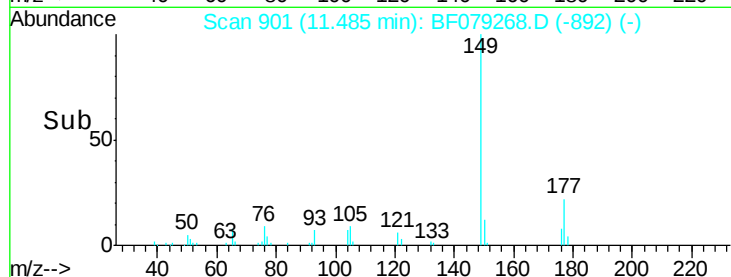
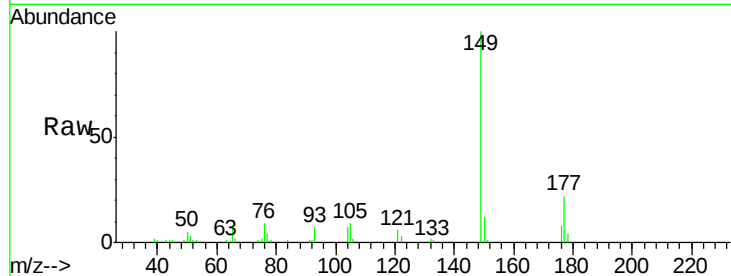
#59
Diethylphthalate
Concen: 5.58 ng
RT: 11.48 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	46636		
177	22.2	16.4	24.6	
150	12.1	9.8	14.6	

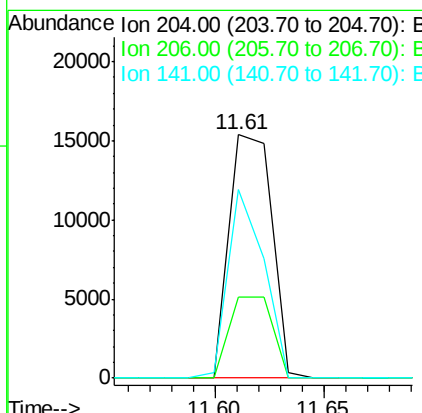
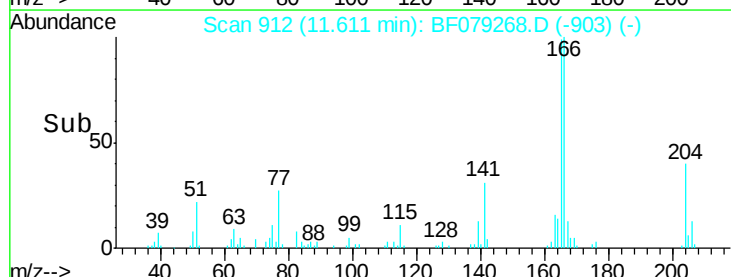
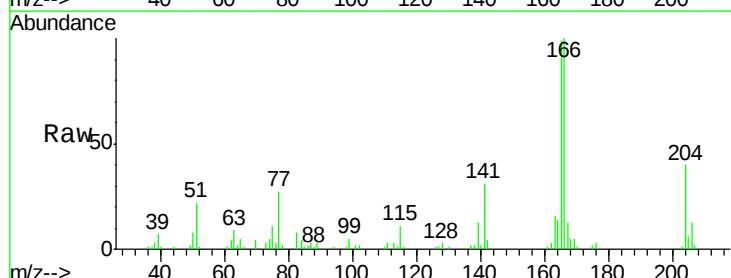
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 5.70 ng
RT: 11.61 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	20929		
206	33.5	26.2	39.4	
141	77.6	53.6	80.4	





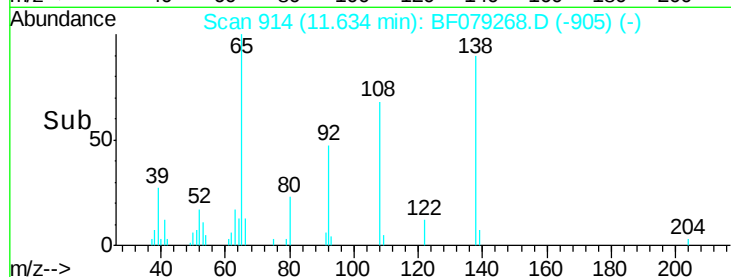
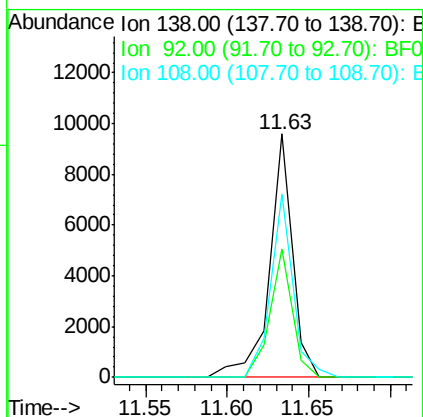
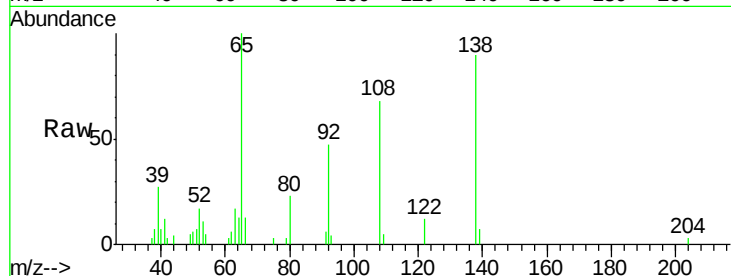
#61
4-Nitroaniline
Concen: 4.54 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	33.7	73.7
108	75.4	53.4	93.4

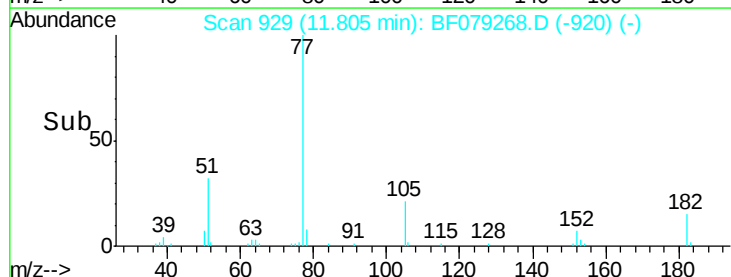
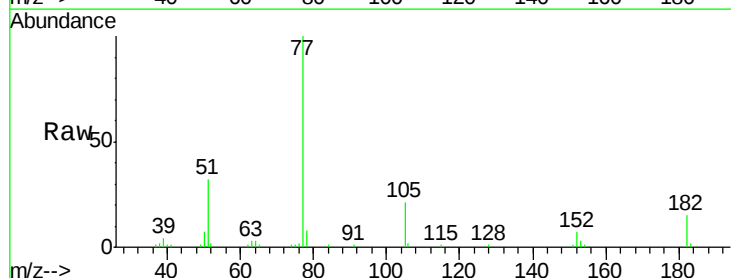
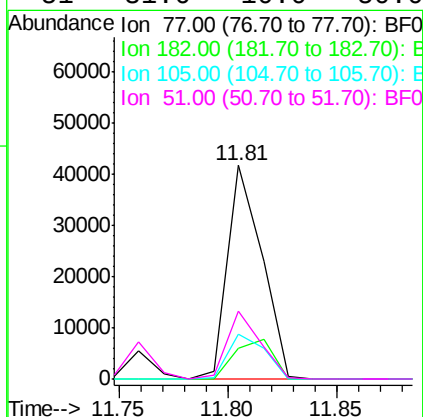
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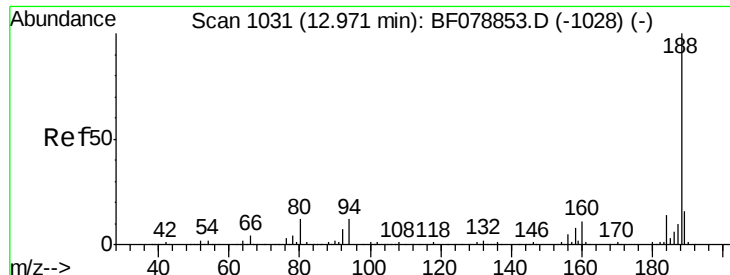
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#62
Azobenzene
Concen: 5.53 ng
RT: 11.81 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.6	0.0	40.0
105	20.9	2.9	42.9
51	31.6	10.0	50.0





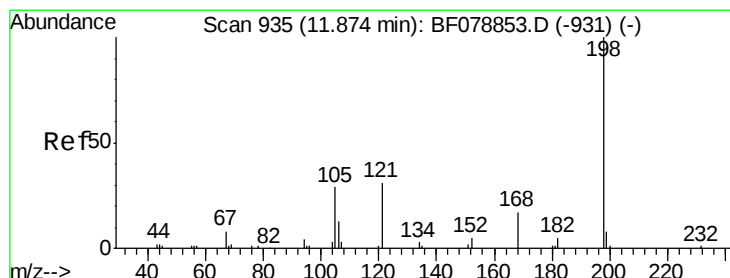
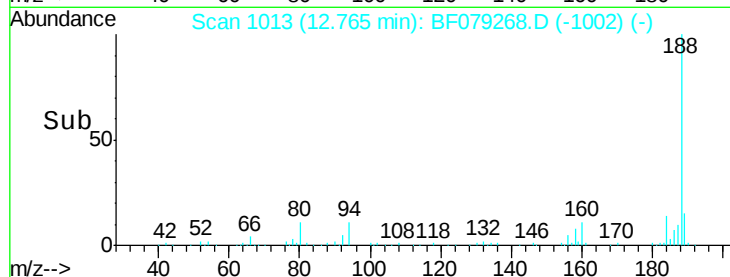
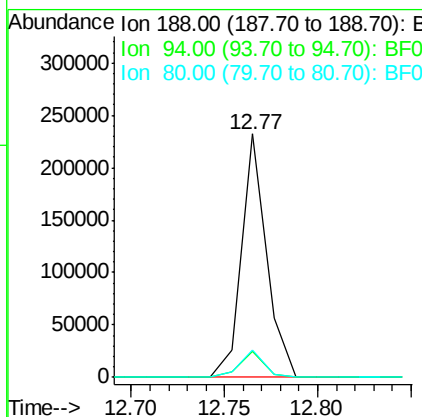
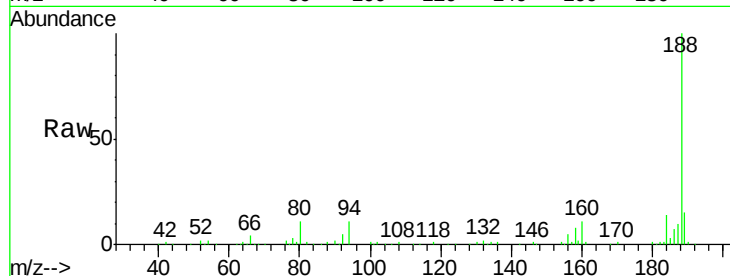
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.77 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	217016		
94	10.7		9.4	14.0
80	11.1		9.8	14.6

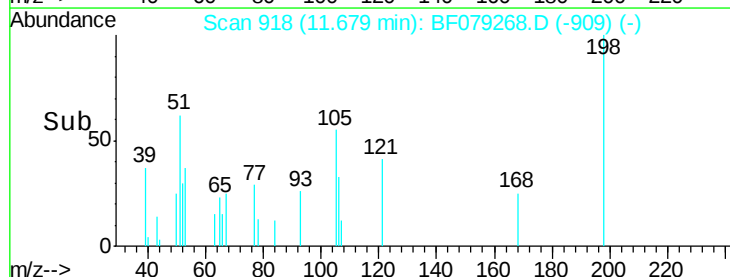
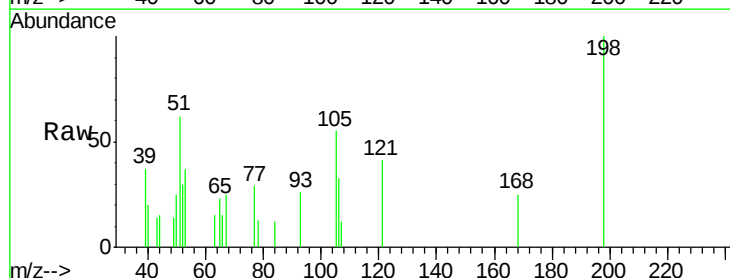
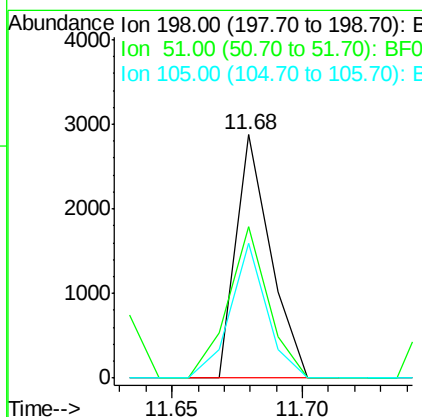
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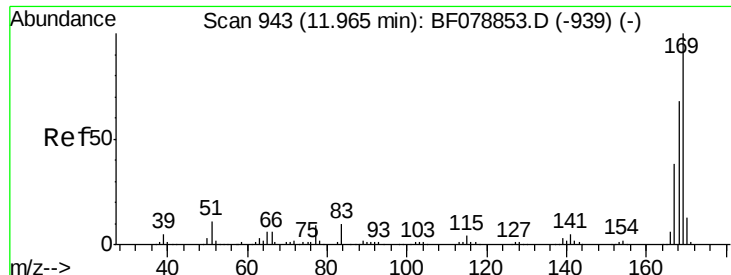
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#64
4,6-Dinitro-2-methylphenol
Concen: 5.18 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2669		
51	62.4		7.0	47.0#
105	55.4		13.7	53.7#





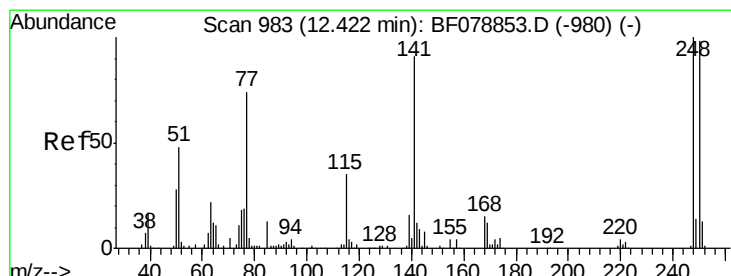
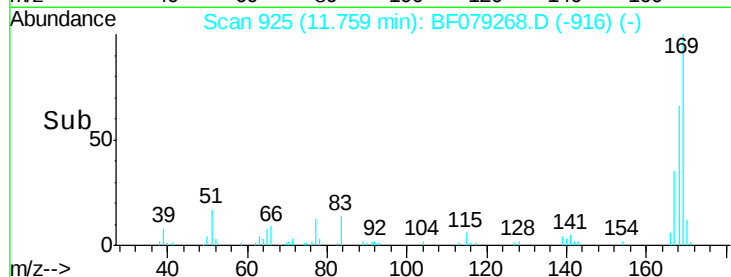
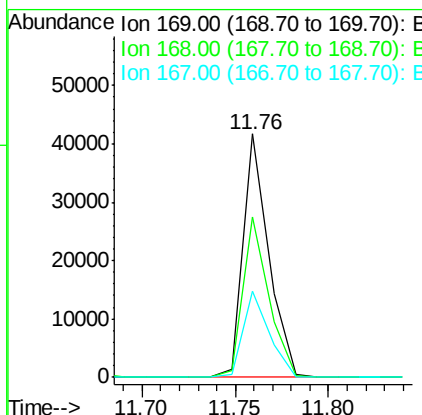
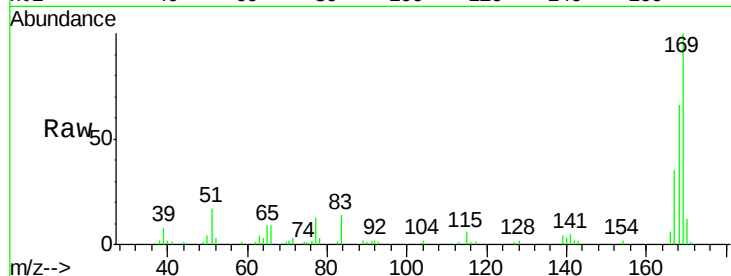
#65
 n-Nitrosodiphenylamine
 Concen: 5.48 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	65.7	54.1	81.1
167	35.4	30.1	45.1

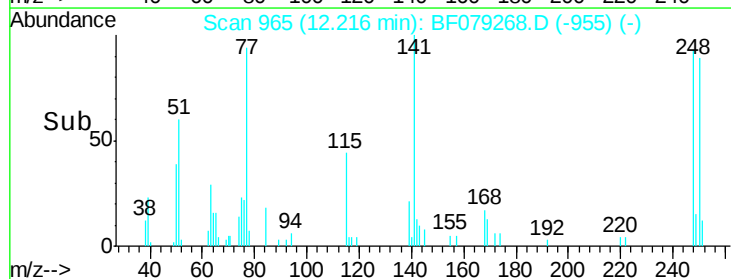
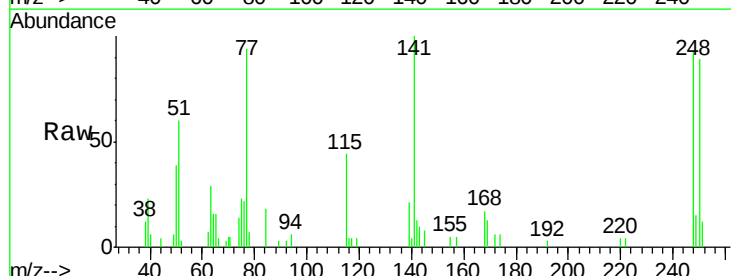
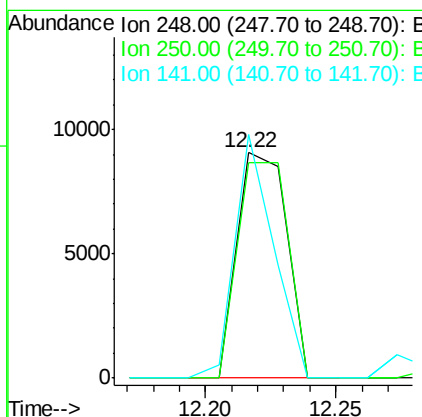
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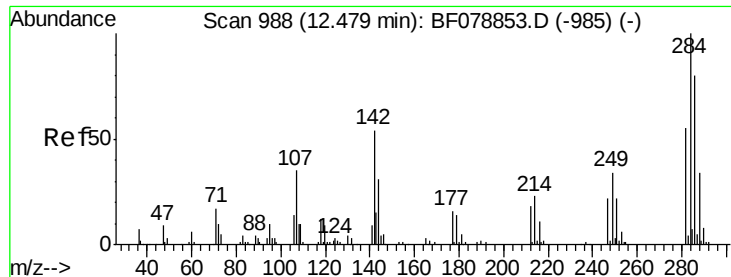
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#66
 4-Bromophenyl-phenylether
 Concen: 5.32 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.8	78.0	117.0
141	108.1	72.6	109.0





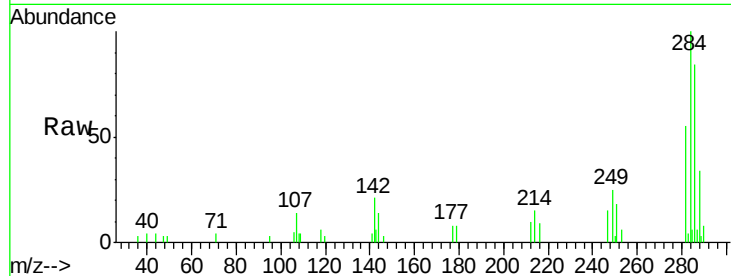
#67
Hexachlorobenzene
Concen: 5.44 ng
RT: 12.29 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

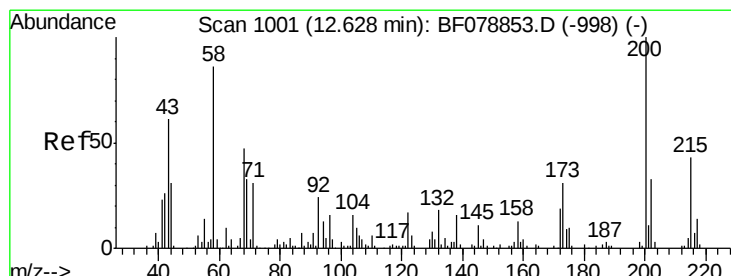
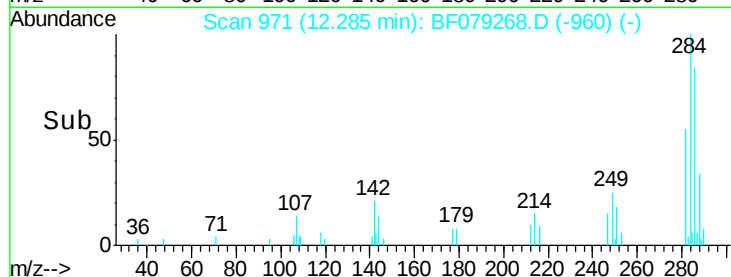
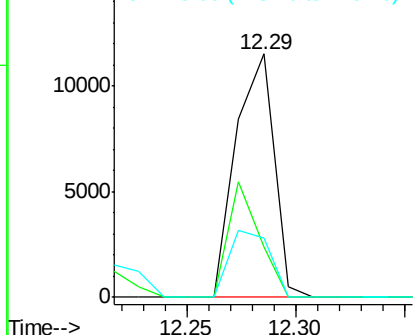
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	20.6	43.2	64.8#
249	24.5	27.5	41.3#

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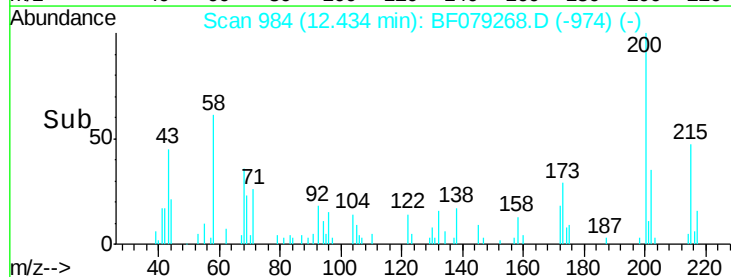
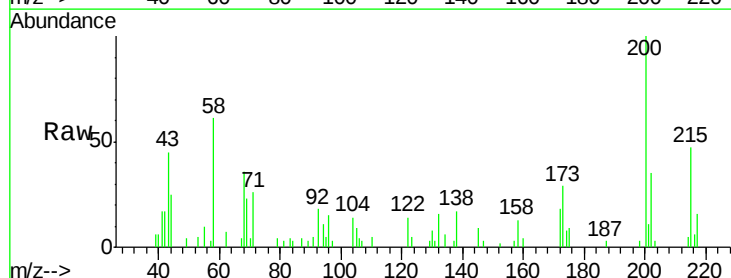
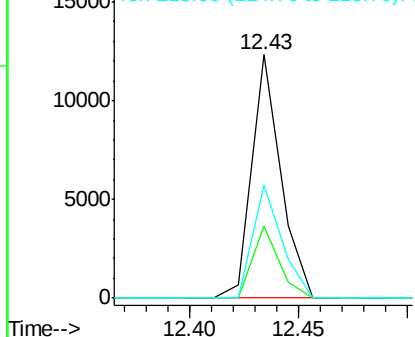
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

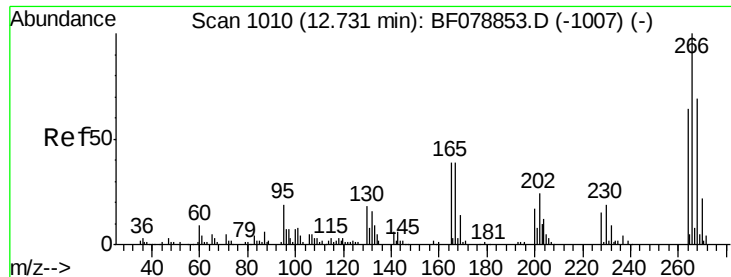


#68
Atrazine
Concen: 5.42 ng
RT: 12.43 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	10.9	50.9
215	46.6	23.2	63.2

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





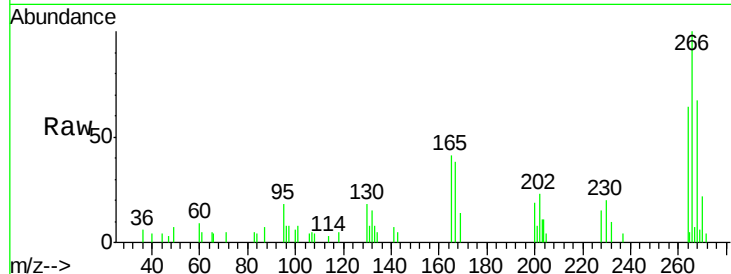
#69
 Pentachlorophenol
 Concen: 13.04 ng
 RT: 12.54 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

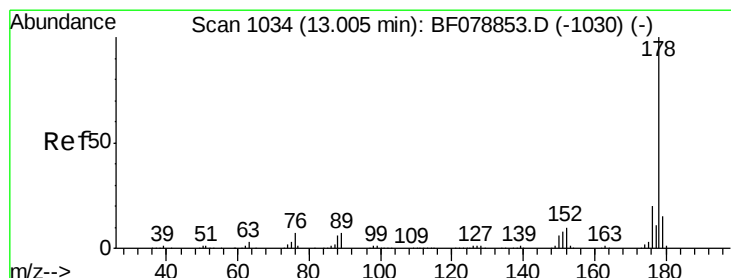
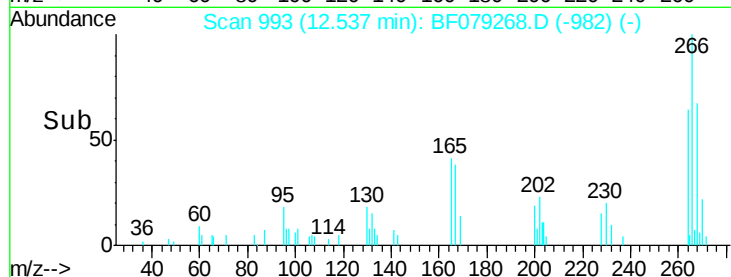
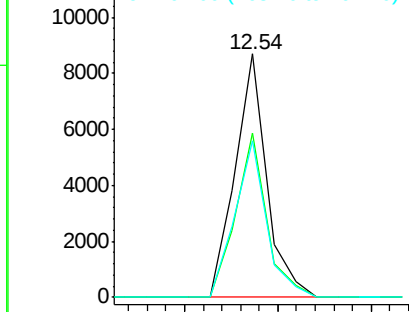
Tot Ion	Ratio	Resp	Lower	Upper
266	100	10247		
268	67.4	55.0	82.6	
264	64.2	50.9	76.3	

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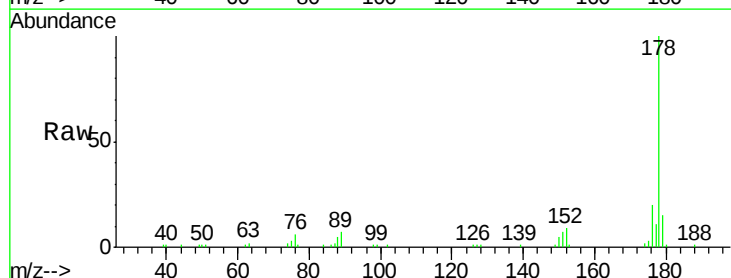


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

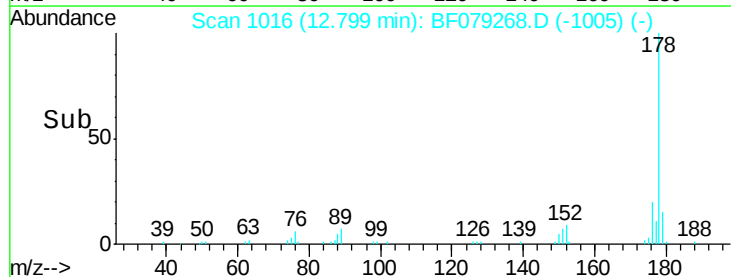
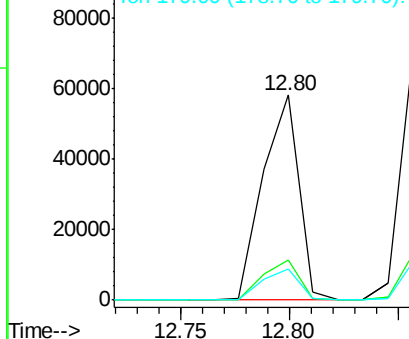


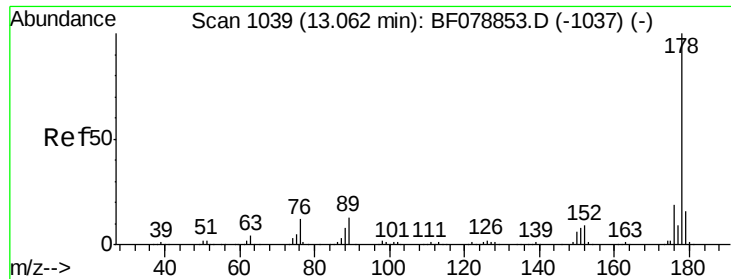
#70
 Phenanthrene
 Concen: 5.54 ng
 RT: 12.80 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	67312		
176	19.5	15.9	23.9	
179	15.5	12.2	18.4	



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





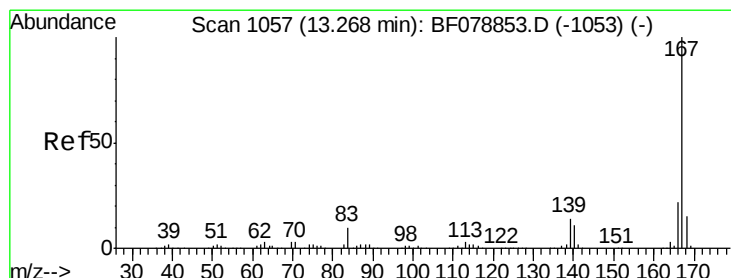
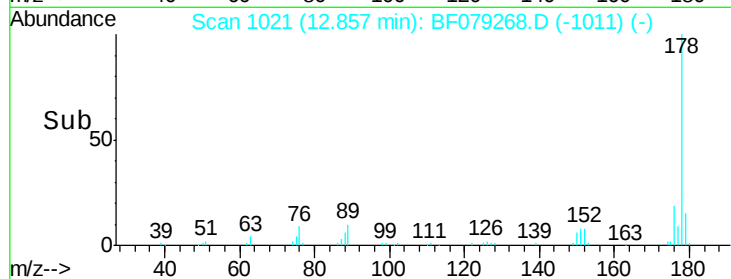
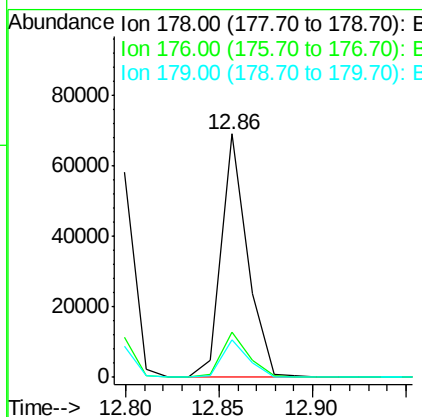
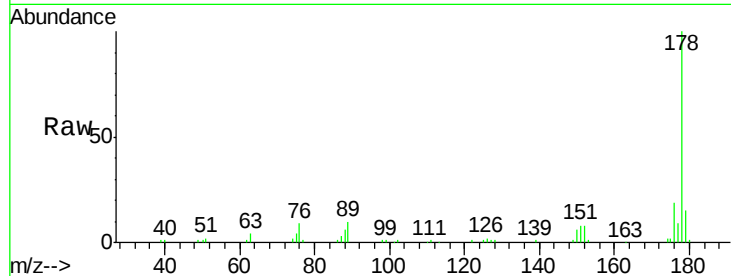
#71
 Anthracene
 Concen: 5.67 ng
 RT: 12.86 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.5	12.6	19.0

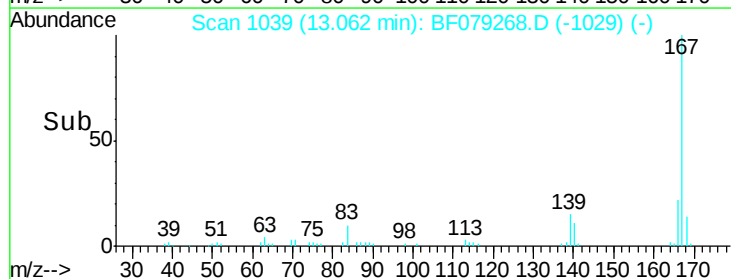
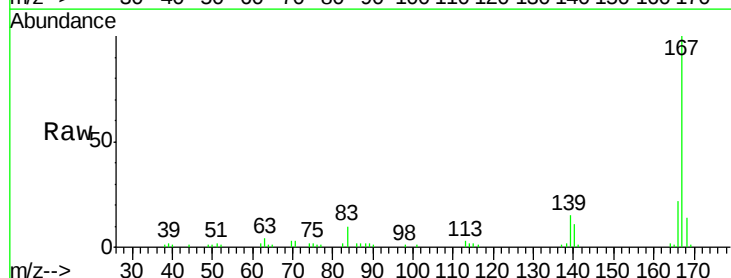
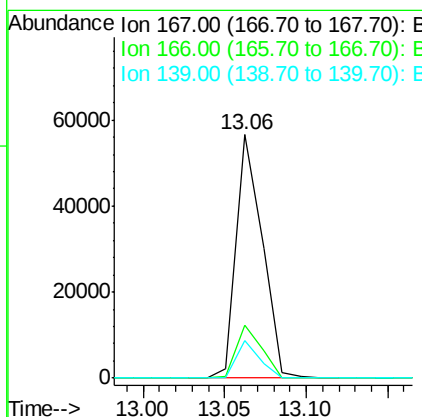
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#72
 Carbazole
 Concen: 5.47 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	15.2	11.0	16.4





#73

Di-n-butylphthalate

Concen: 5.10 ng

RT: 13.52 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

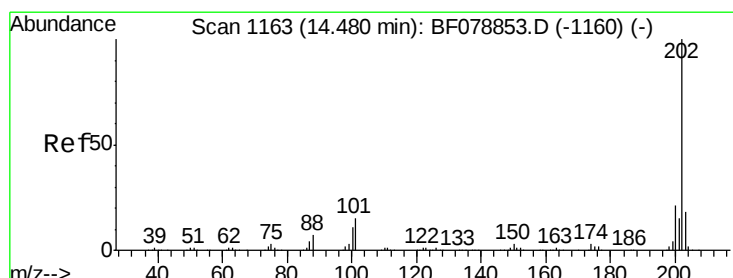
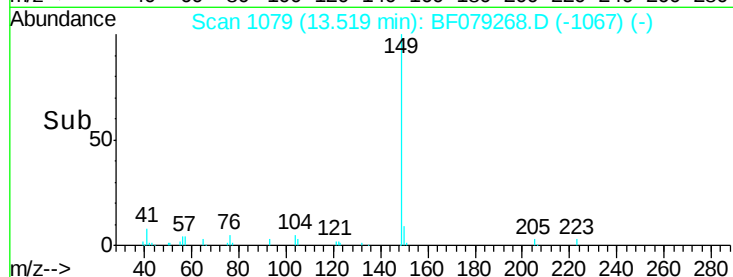
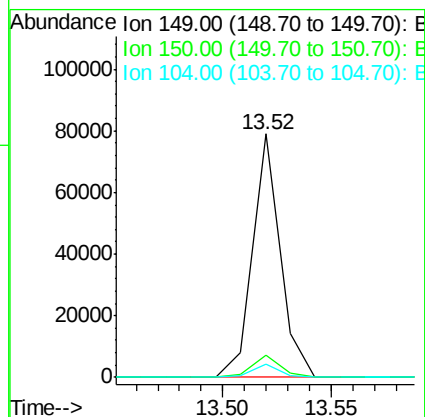
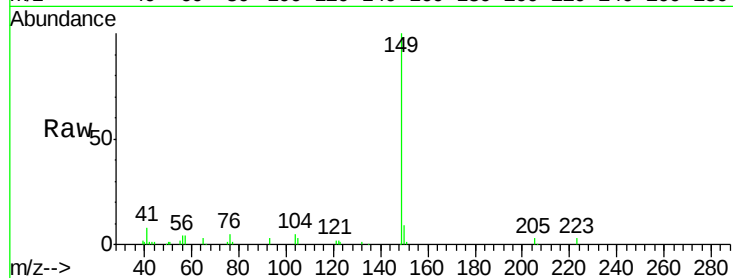
ClientSampled :

PB83401BS

Tot Ion:	149	Resp:	69415
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.0	10.4
104	5.3	3.3	4.9#

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#74

Fluoranthene

Concen: 5.40 ng

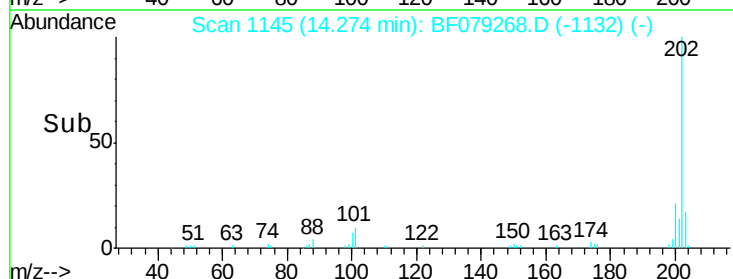
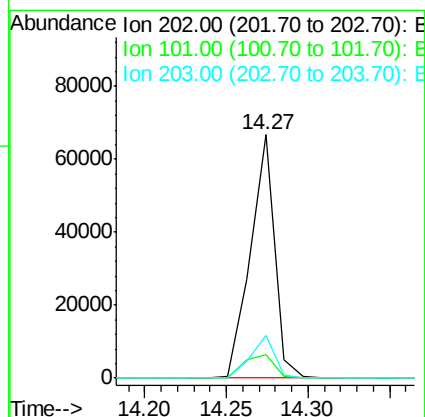
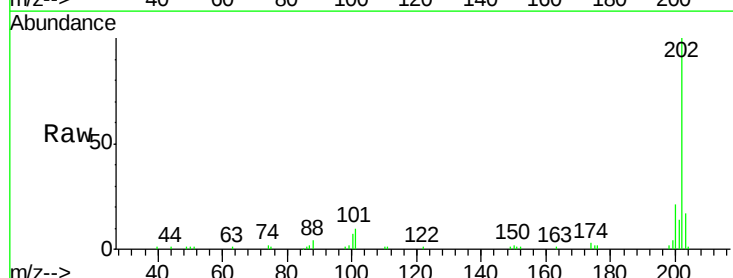
RT: 14.27 min Scan# 1145

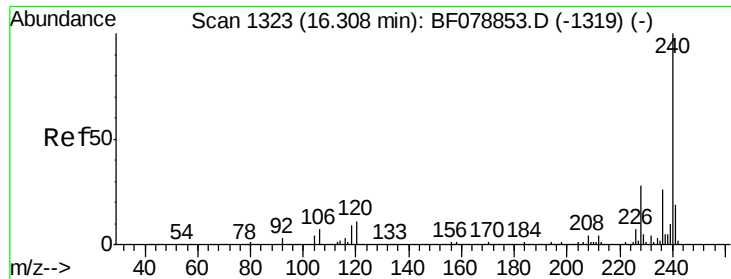
Delta R.T. 0.00 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	202	Resp:	68345
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.7
203	17.4	0.0	37.9





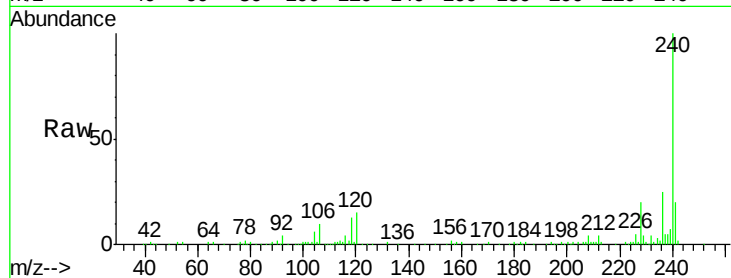
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

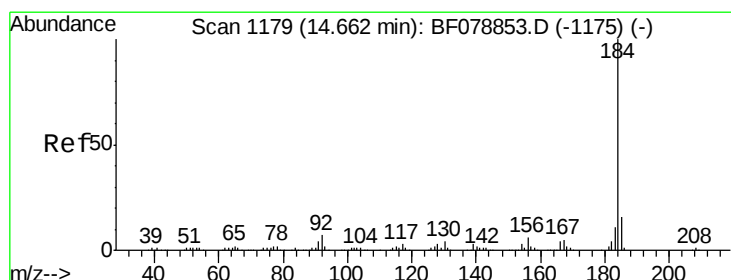
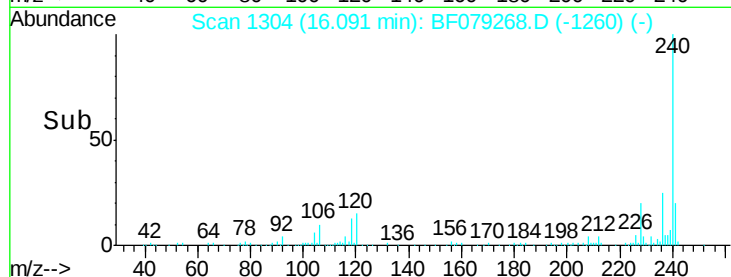
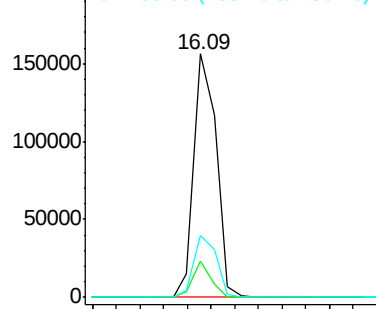
Tot Ion	Ratio	Resp	Lower	Upper
240	100	204144		
120	14.8	8.6	12.8#	
236	25.4	21.0	31.6	

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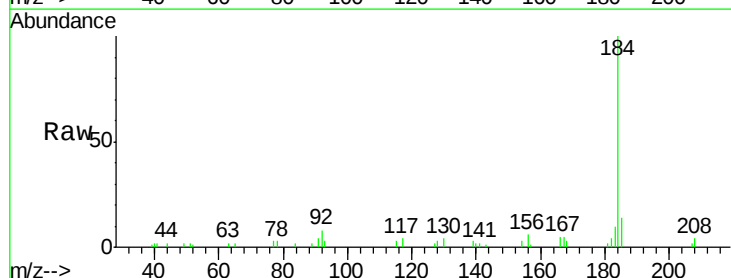


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

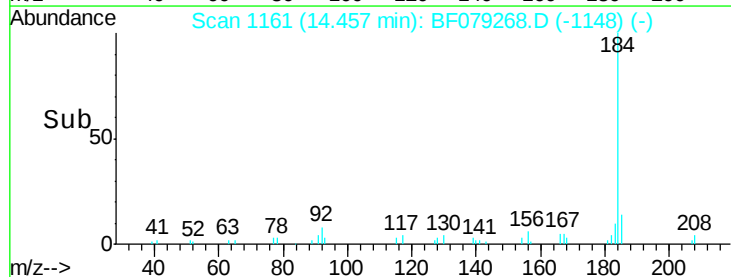
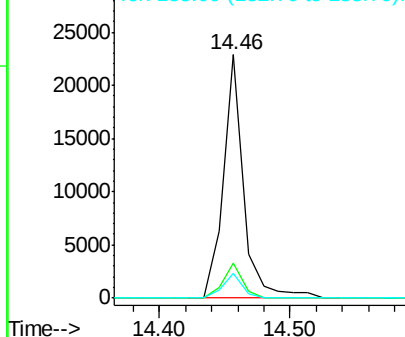


#76
Benzidine
Concen: 4.49 ng
RT: 14.46 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	24682		
185	14.4	12.8	19.2	
183	10.3	9.0	13.4	



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





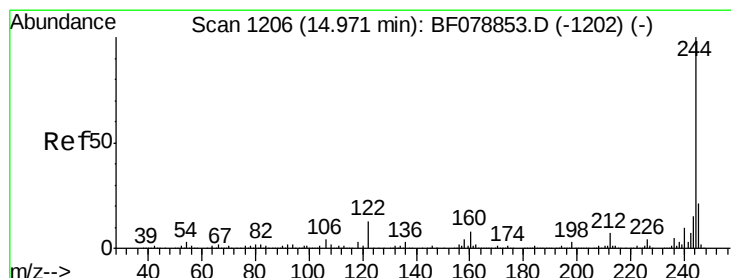
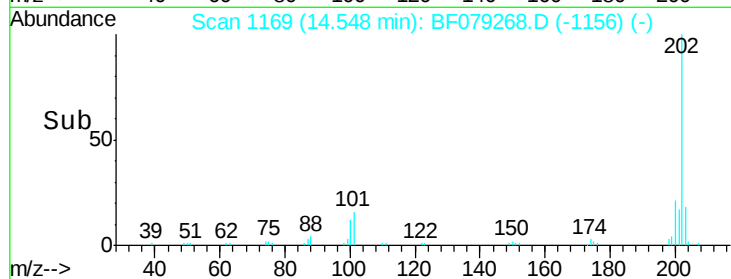
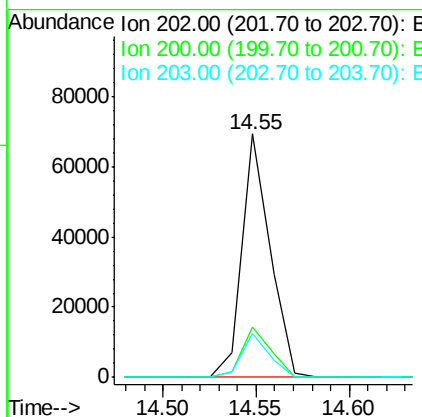
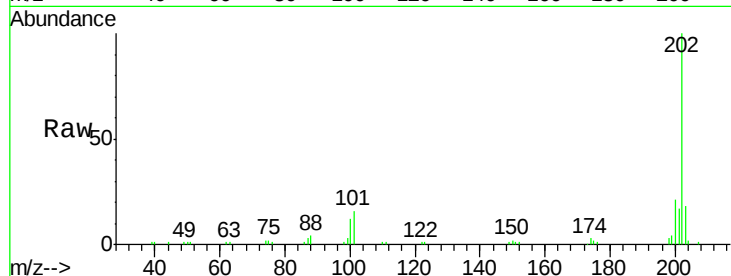
#77
Pvrene
Concen: 6.23 ng
RT: 14.55 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.5	26.3
203	18.2	14.7	22.1

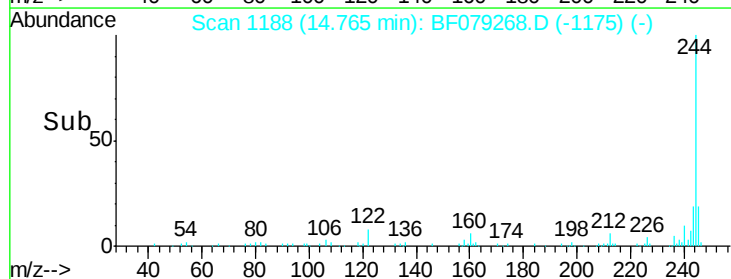
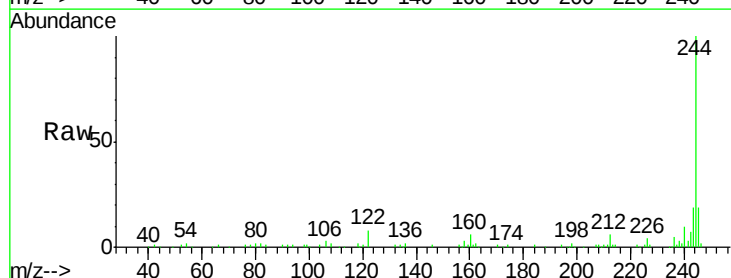
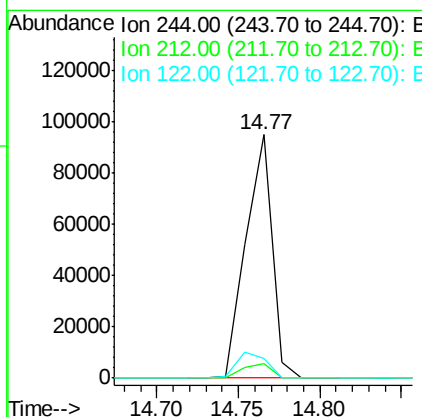
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#78
Terphenyl-d14
Concen: 12.43 ng
RT: 14.77 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.6	8.4
122	8.0	10.5	15.7





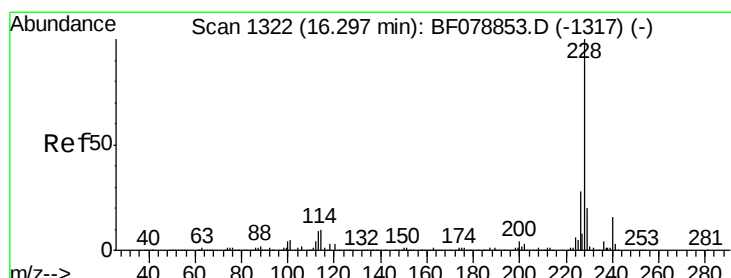
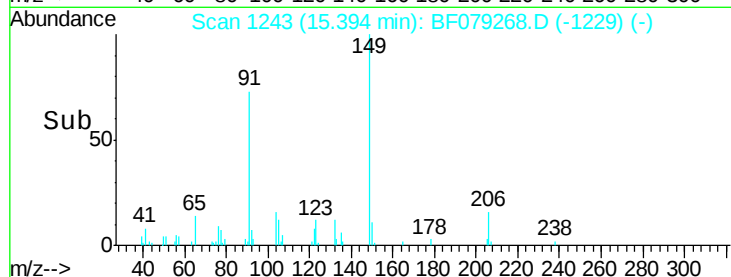
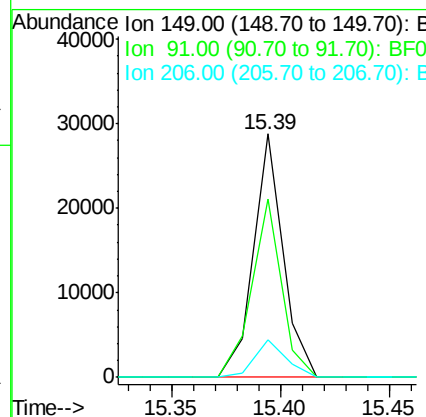
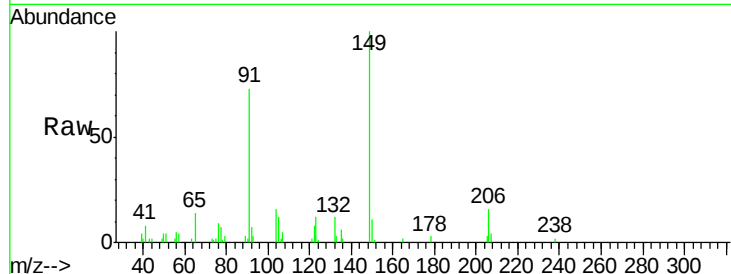
#79
Butylbenzylphthalate
Concen: 5.30 ng
RT: 15.39 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.1	56.2	84.2
206	15.6	15.2	22.8

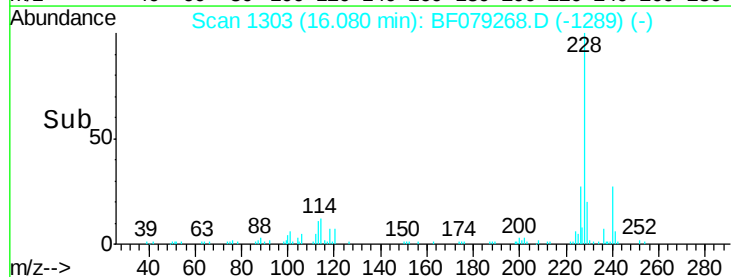
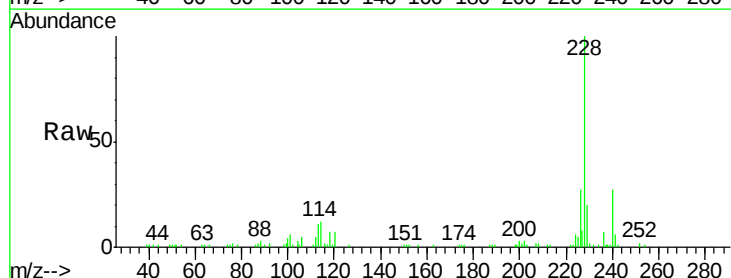
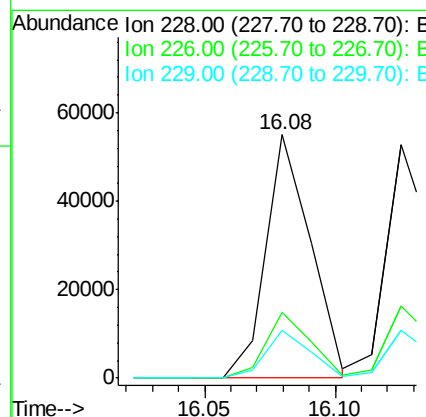
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#80
Benzo(a)anthracene
Concen: 5.92 ng
RT: 16.08 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	19.7	16.1	24.1





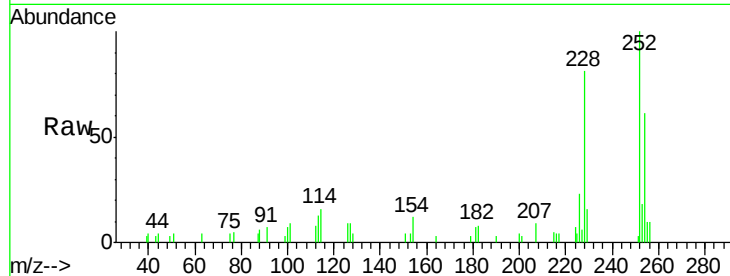
#81
 3,3'-Dichlorobenzidine
 Concen: 3.75 ng
 RT: 16.07 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

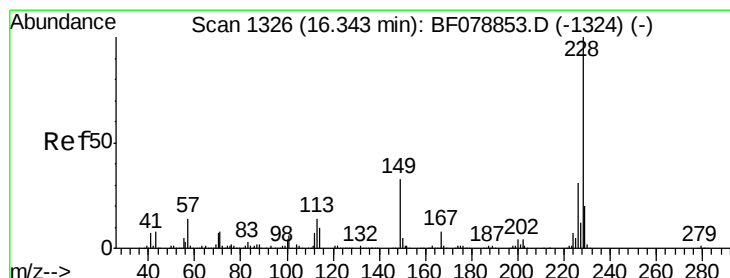
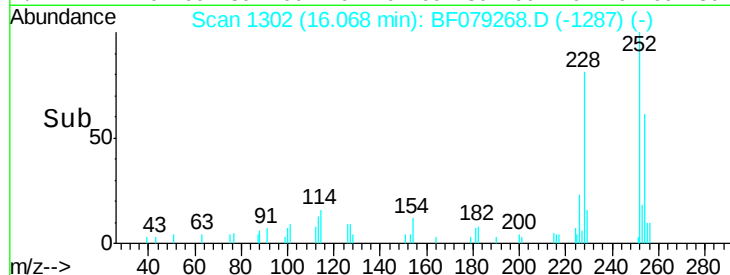
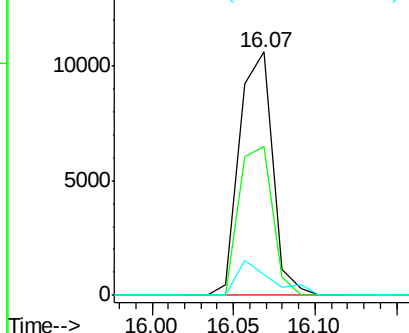
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.0	52.2	78.2
126	8.6	6.6	9.8

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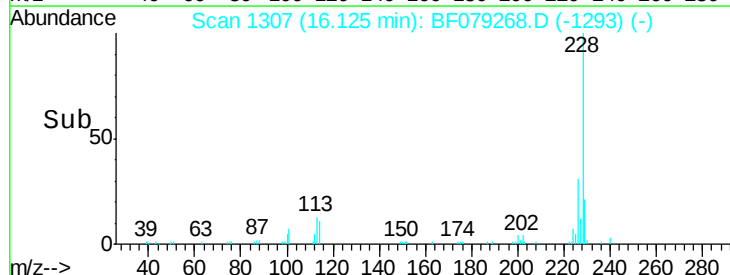
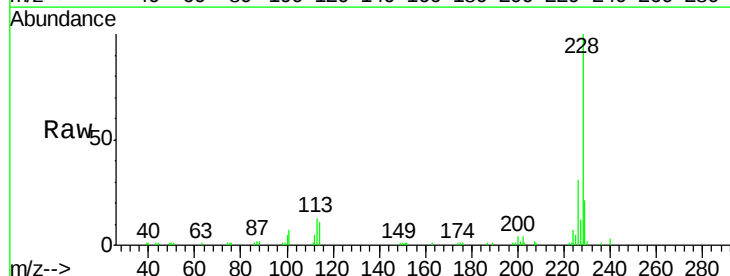
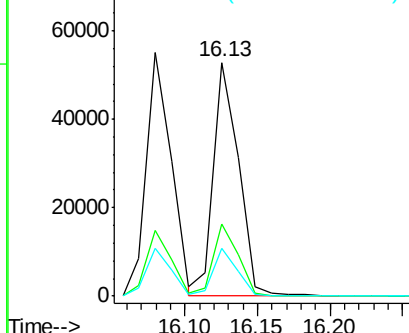
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

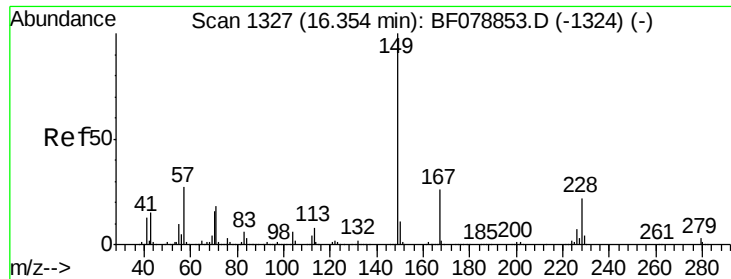


#82
 Chrysene
 Concen: 5.94 ng
 RT: 16.13 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.6	16.1	24.1

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





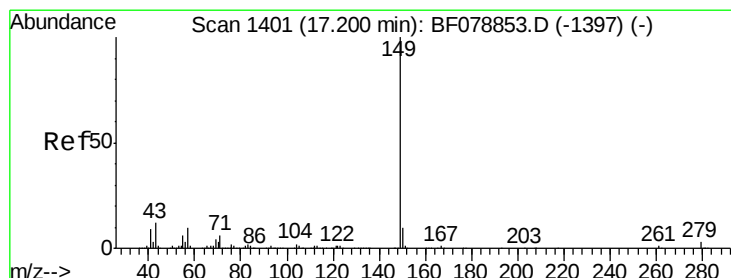
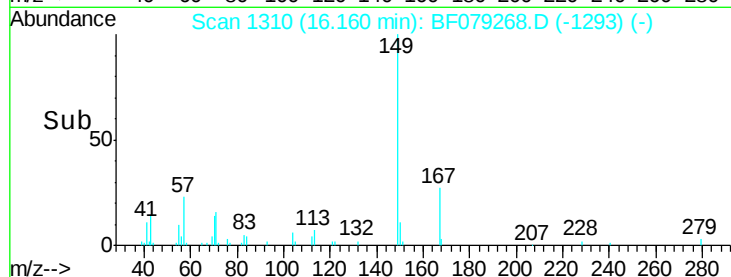
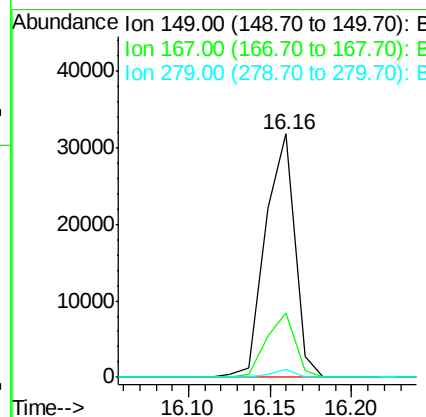
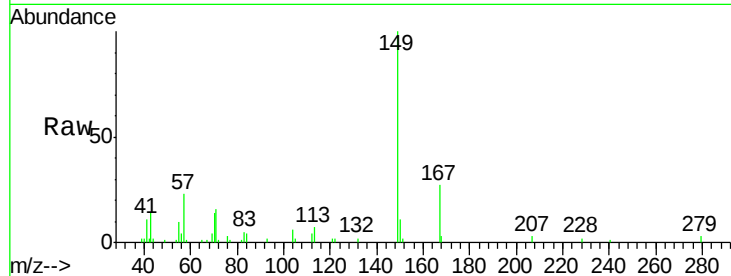
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.12 ng
 RT: 16.16 min Scan# 1310
 Delta R.T. 0.02 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	39893		
167	26.5		21.2	31.8
279	3.4		2.6	4.0

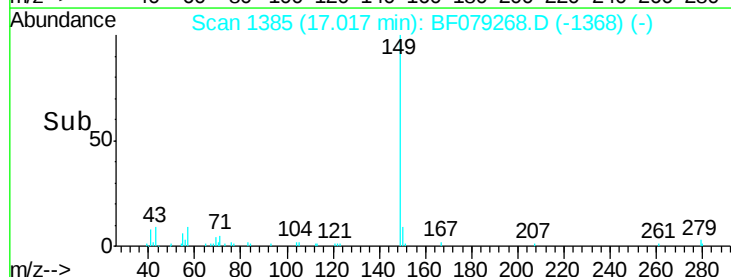
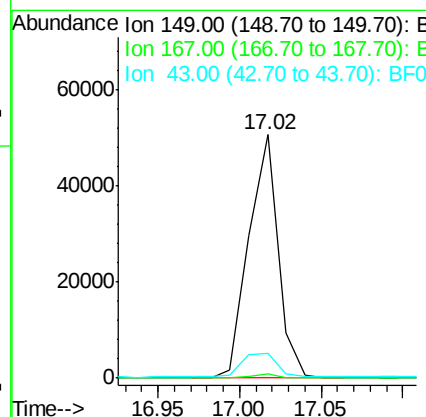
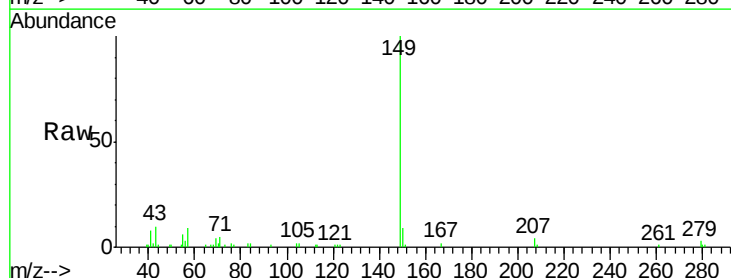
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#84
 Di-n-octyl phthalate
 Concen: 4.59 ng
 RT: 17.02 min Scan# 1385
 Delta R.T. 0.02 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	63012		
167	1.3		1.2	1.8
43	14.7		9.0	13.6#





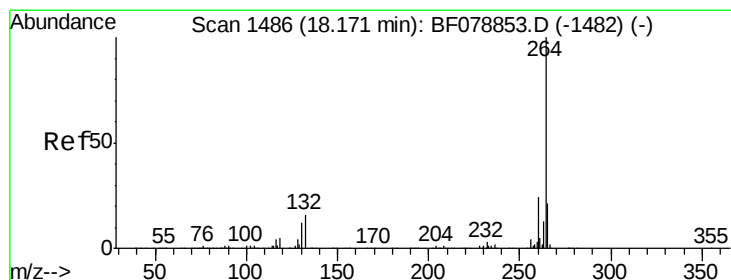
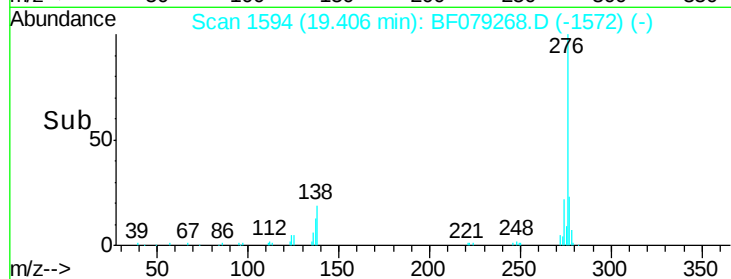
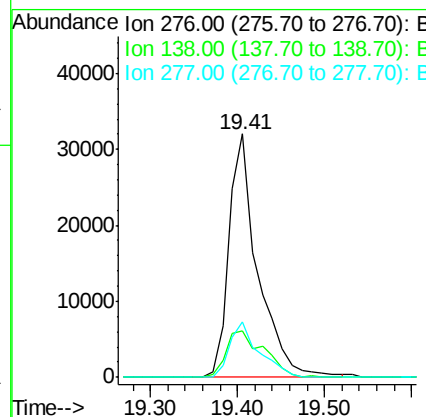
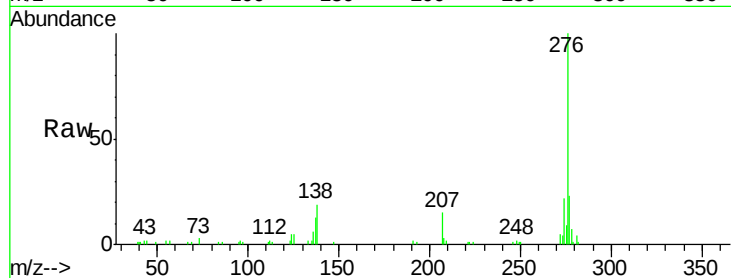
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.38 ng
 RT: 19.41 min Scan# 1594
 Delta R.T. 0.05 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB83401BS

Tot Ion:	276	Resp:	73669
Ion Ratio	Lower	Upper	
276	100		
138	25.1	21.1	31.7
277	23.1	19.9	29.9

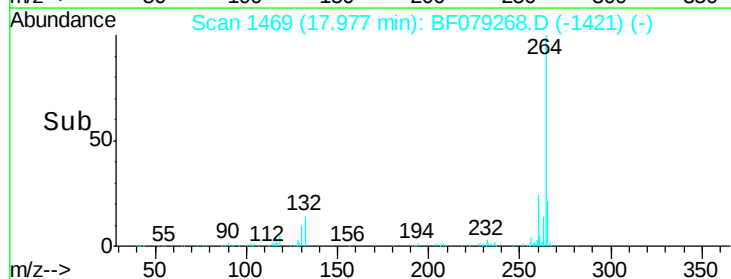
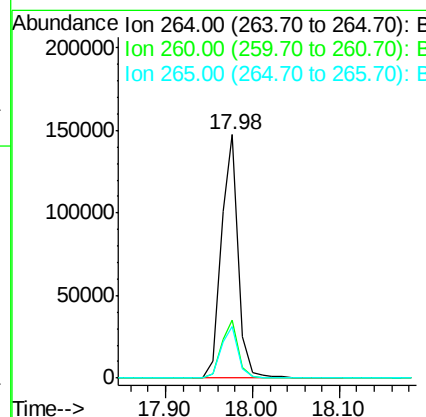
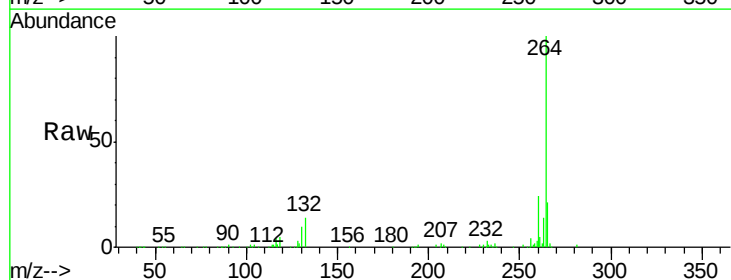
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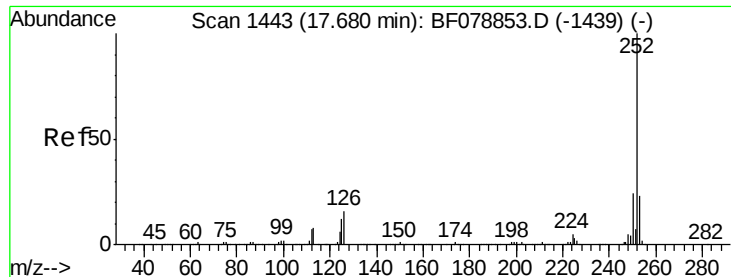
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.98 min Scan# 1469
 Delta R.T. 0.05 min
 Lab File: BF079268.D
 Acq: 15 May 2015 14:26

Tgt Ion:	264	Resp:	200885
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 5.41 ng

RT: 17.49 min Scan# 1426

Delta R.T. 0.03 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

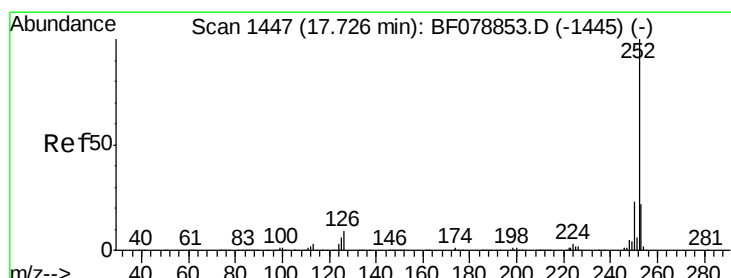
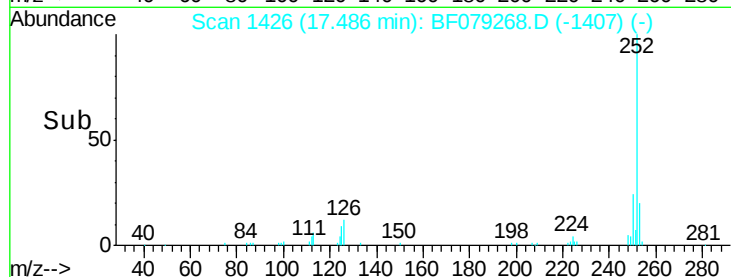
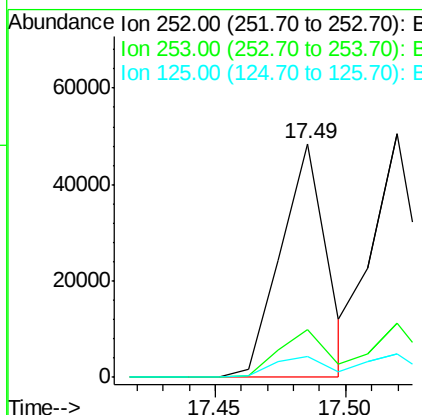
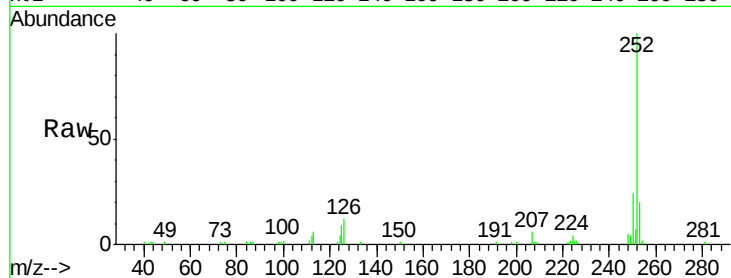
ClientSampleId :

PB83401BS

Tot Ion:	252	Resp:	59453
Ion Ratio	Lower	Upper	
252	100		
253	20.5	18.1	27.1
125	8.8	9.4	14.2#

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#88

Benzo(k)fluoranthene

Concen: 5.94 ng m

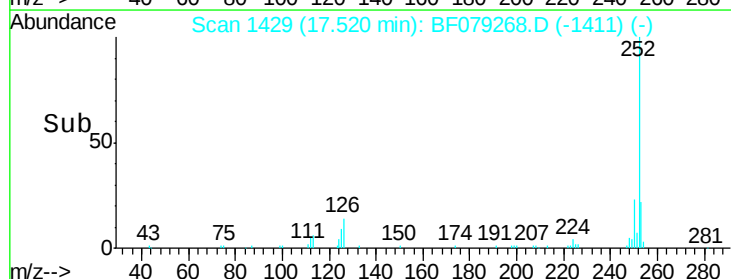
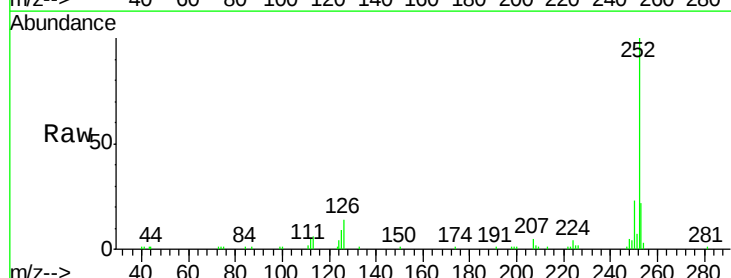
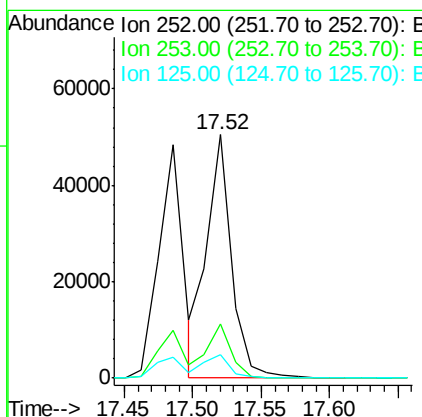
RT: 17.52 min Scan# 1429

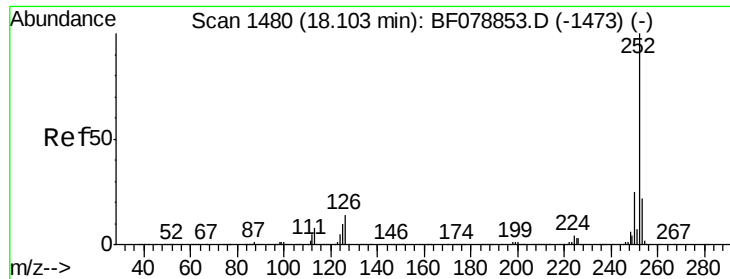
Delta R.T. 0.02 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Tgt Ion:	252	Resp:	63223
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.0
125	9.4	6.1	9.1#





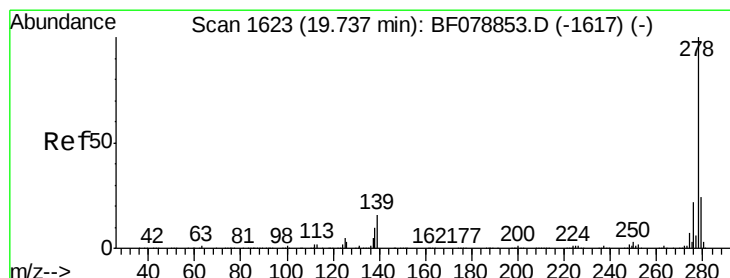
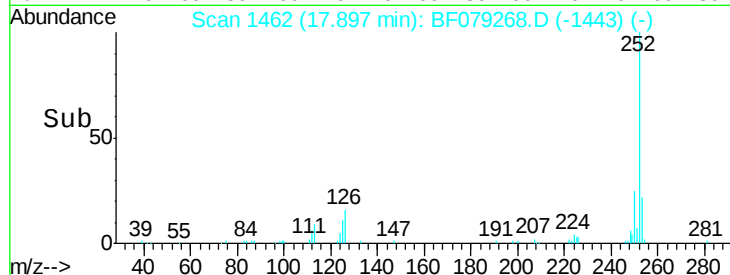
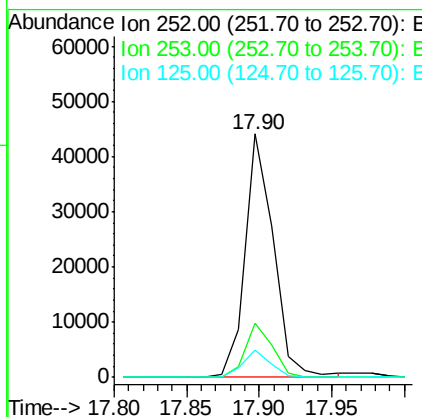
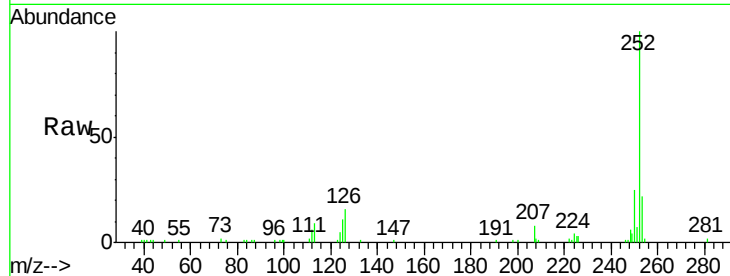
#89
Benzo(a)pyrene
Concen: 5.88 ng
RT: 17.90 min Scan# 1462
Delta R.T. 0.03 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Instrument :
BNA_F
ClientSampleId :
PB83401BS

Tot Ion:	252	Resp:	59570
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	11.4	8.2	12.2

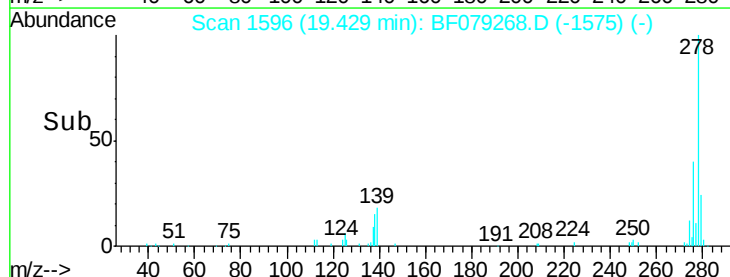
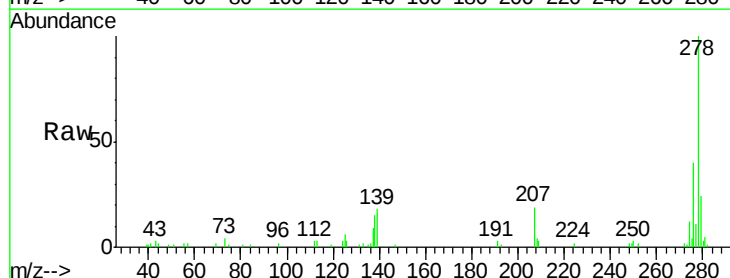
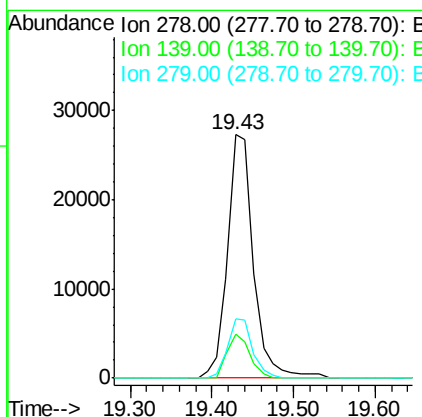
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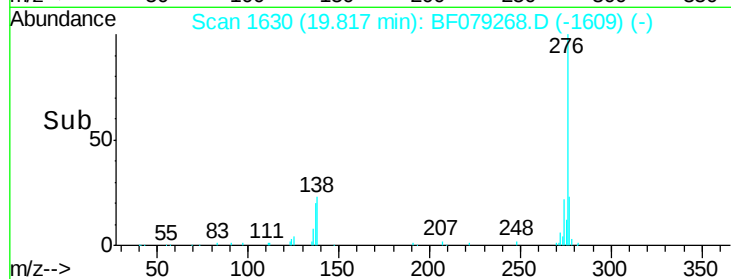
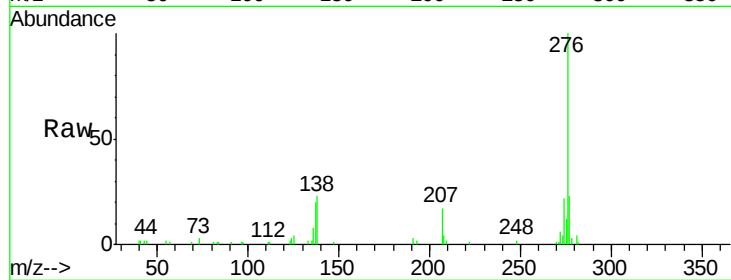
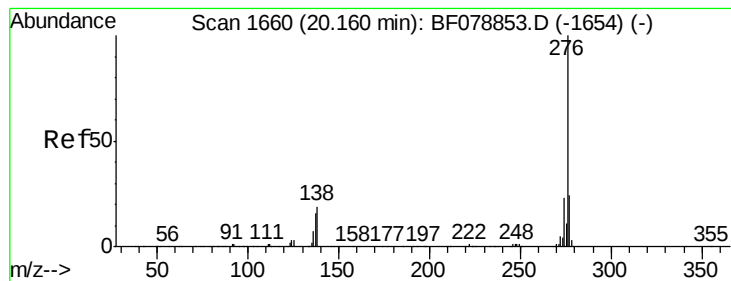
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#90
Dibenzo(a,h)anthracene
Concen: 5.60 ng
RT: 19.43 min Scan# 1596
Delta R.T. 0.03 min
Lab File: BF079268.D
Acq: 15 May 2015 14:26

Tgt Ion:	278	Resp:	60242
Ion Ratio	Lower	Upper	
278	100		
139	18.2	13.1	19.7
279	24.3	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 5.75 ng

RT: 19.82 min Scan# 1630

Delta R.T. 0.03 min

Lab File: BF079268.D

Acq: 15 May 2015 14:26

Instrument :

BNA_F

ClientSampleId :

PB83401BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	23.0	15.2	22.8

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