

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079458.D
 Acq On : 23 May 2015 6:00
 Operator : TP/IZ
 Sample : G2289-13MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Manual Integrations
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 5/27/2015 8:17:31 AM

Quant Time: May 23 07:00:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 06:56:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	65034	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	262198	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	124928	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	232910	20.00	ng	0.00
75) Chrysene-d12	15.91	240	220246	20.00	ng	0.00
86) Perylene-d12	17.63	264	229662	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	569470m	150.73	ng	0.01
7) Phenol-d6	6.64	99	731762	146.53	ng	0.01
23) Nitrobenzene-d5	7.75	82	397188	87.06	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	206704	152.95	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	801963	89.44	ng	0.00
78) Terphenyl-d14	14.63	244	869648	94.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	68148m	41.49	ng	
3) Pyridine	2.58	79	195770m	40.72	ng	
4) n-Nitrosodimethylamine	2.51	42	84583m	41.06	ng	
6) Aniline	6.64	93	136408m	19.35	ng	
8) 2-Chlorophenol	6.79	128	206404	48.17	ng	# 82
9) Benzaldehyde	6.50	77	36550m	10.86	ng	
10) Phenol	6.65	94	275052	47.48	ng	90
11) bis(2-Chloroethyl)ether	6.75	93	193043	45.45	ng	98
12) 1,3-Dichlorobenzene	6.97	146	222291	46.15	ng	# 94
13) 1,4-Dichlorobenzene	7.07	146	224957	45.39	ng	98
14) 1,2-Dichlorobenzene	7.26	146	212293	46.01	ng	99
15) Benzyl Alcohol	7.24	79	174507m	47.07	ng	
16) 2,2'-oxybis(1-Chloropropan	7.42	45	277068	42.64	ng	92
17) 2-Methylphenol	7.39	107	164757	47.78	ng	# 93
18) Hexachloroethane	7.67	117	77441	45.36	ng	93
19) n-Nitroso-di-n-propylamine	7.58	70	146107	43.32	ng	98
20) 3+4-Methylphenols	7.60	107	223592	48.66	ng	# 43
22) Acetophenone	7.56	105	292867	49.44	ng	# 88
24) Nitrobenzene	7.77	77	211428	46.75	ng	93
25) Isophorone	8.08	82	389418	46.04	ng	98
26) 2-Nitrophenol	8.17	139	101077	54.00	ng	95
27) 2,4-Dimethylphenol	8.24	122	188628	50.36	ng	96
28) bis(2-Chloroethoxy)methane	8.35	93	243535	46.71	ng	98
29) 2,4-Dichlorophenol	8.47	162	178271	53.53	ng	95
30) 1,2,4-Trichlorobenzene	8.56	180	173086	47.31	ng	98
31) Naphthalene	8.65	128	611142	48.92	ng	100
32) Benzoic acid	8.35	122	34137	18.95	ng	97
33) 4-Chloroaniline	8.74	127	101157	19.14	ng	# 91
34) Hexachlorobutadiene	8.81	225	97867	46.45	ng	99
35) Caprolactam	9.16	113	50987m	47.34	ng	
36) 4-Chloro-3-methylphenol	9.36	107	181179	51.79	ng	100
37) 2-Methylnaphthalene	9.51	142	419193	48.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	166391	47.29	ng	98
40) Hexachlorocyclopentadiene	9.70	237	88850	50.22	ng	95

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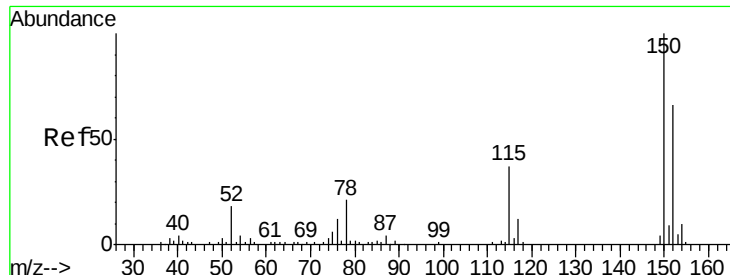
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	114452	47.32	nq	99
43) 2,4,5-Trichlorophenol	9.92	196	120214	49.16	nq #	85
45) 1,1'-Biphenyl	10.09	154	475304	47.86	nq	96
46) 2-Chloronaphthalene	10.11	162	378716	48.89	nq	96
47) 2-Nitroaniline	10.25	65	110504	49.23	nq	88
48) Acenaphthylene	10.62	152	612491	48.15	nq	99
49) Dimethylphthalate	10.49	163	503515	54.92	nq	99
50) 2,6-Dinitrotoluene	10.56	165	89705	49.58	nq #	44
51) Acenaphthene	10.83	154	361453	47.65	nq	99
52) 3-Nitroaniline	10.76	138	71199	31.50	nq	89
53) 2,4-Dinitrophenol	10.91	184	24773	45.90	nq #	62
54) Dibenzofuran	11.05	168	537482	49.06	nq	98
55) 4-Nitrophenol	10.99	139	127250	71.13	nq	99
56) 2,4-Dinitrotoluene	11.06	165	127305	53.22	nq	96
57) Fluorene	11.47	166	435133	48.39	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	91041	45.56	nq	99
59) Diethylphthalate	11.36	149	422445	46.51	nq	97
60) 4-Chlorophenyl-phenylether	11.48	204	190220	47.68	nq	97
61) 4-Nitroaniline	11.52	138	91740	40.57	nq	96
62) Azobenzene	11.68	77	417613	46.66	nq	99
64) 4,6-Dinitro-2-methylphenol	11.56	198	36896	40.57	nq	69
65) n-Nitrosodiphenylamine	11.63	169	365360	47.10	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	119083	49.05	nq	91
67) Hexachlorobenzene	12.15	284	136568	49.22	nq #	78
68) Atrazine	12.32	200	117018	51.88	nq	93
69) Pentachlorophenol	12.41	266	109134	68.32	nq	98
70) Phenanthrene	12.66	178	739152	56.73	nq	99
71) Anthracene	12.73	178	666519	52.14	nq	99
72) Carbazole	12.94	167	616711	50.62	nq	100
73) Di-n-butylphthalate	13.39	149	724653	49.60	nq	99
74) Fluoranthene	14.14	202	806037	59.37	nq	96
76) Benzidine	14.32	184	288079	48.53	nq	99
77) Pyrene	14.41	202	792931	62.48	nq	99
79) Butylbenzylphthalate	15.25	149	307877	55.50	nq	95
80) Benzo(a)anthracene	15.90	228	663540	55.02	nq	99
81) 3,3'-Dichlorobenzidine	15.89	252	188547	43.89	nq	99
82) Chrysene	15.94	228	617942	53.27	nq	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	453877	54.01	nq #	99
84) Di-n-octyl phthalate	16.75	149	737606	49.84	nq	96
85) Indeno(1,2,3-cd)pyrene	18.97	276	772738	52.28	nq	100
87) Benzo(b)fluoranthene	17.19	252	711014	56.56	nq	99
88) Benzo(k)fluoranthene	17.22	252	595417m	48.93	nq	
89) Benzo(a)pyrene	17.58	252	646972	55.90	nq	98
90) Dibenzo(a,h)anthracene	18.99	278	616837	50.14	nq	99
91) Benzo(g,h,i)perylene	19.36	276	650279	52.74	nq #	93

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



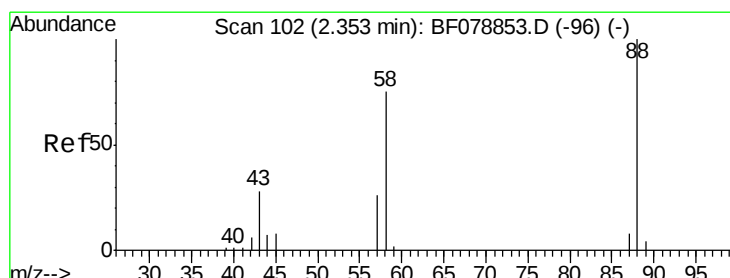
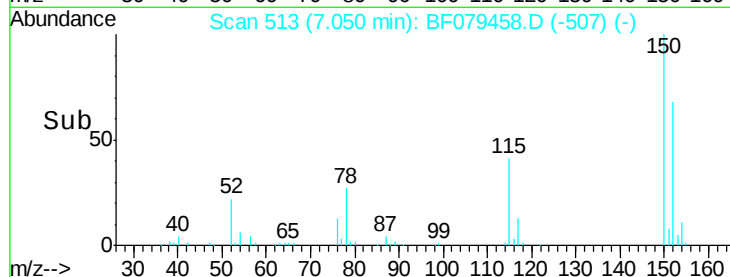
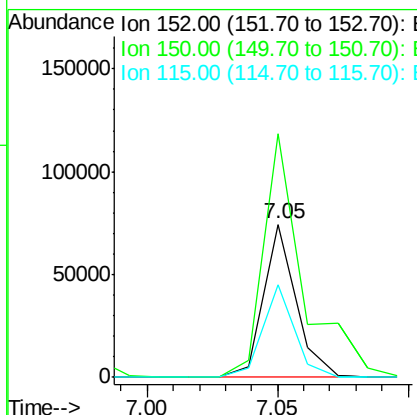
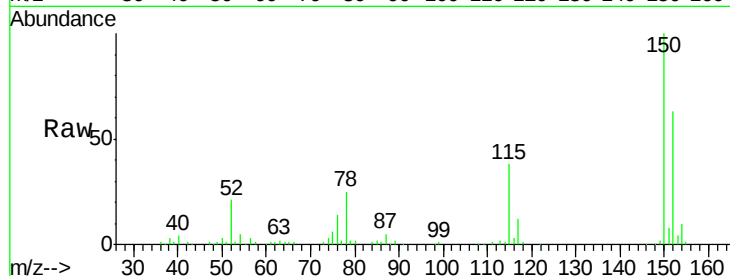
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion:	152	Resp:	65034
Ion Ratio	Lower	Upper	
152	100		
150	158.8	123.8	185.8
115	60.2	49.4	74.0

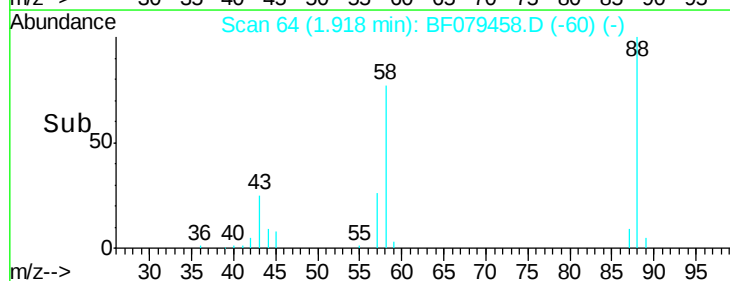
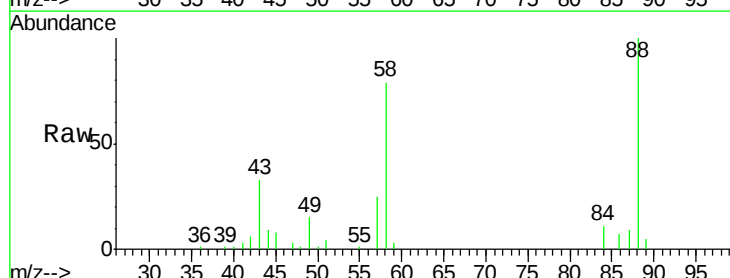
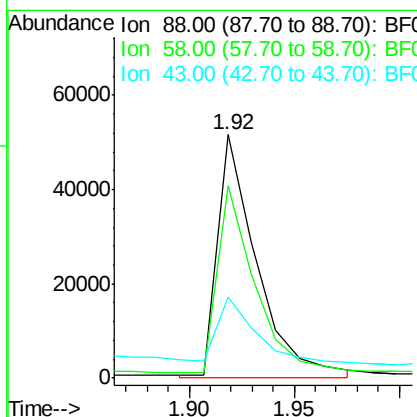
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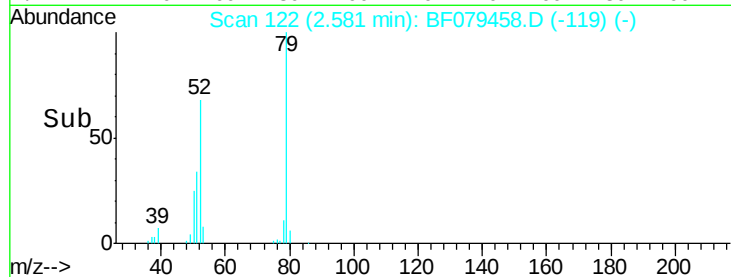
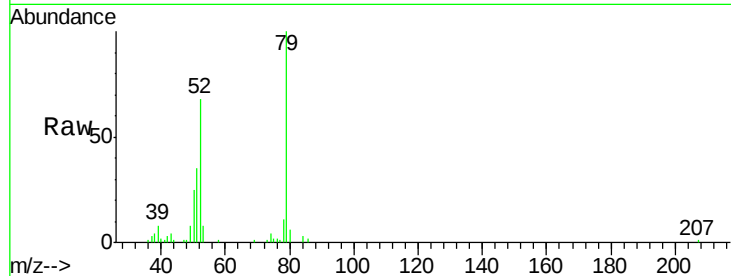
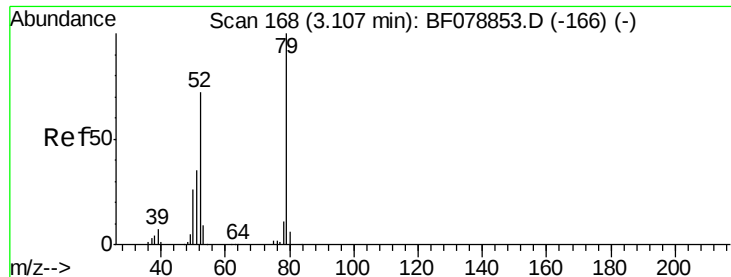
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#2
 1,4-Dioxane
 Concen: 41.49 ng m
 RT: 1.92 min Scan# 64
 Delta R.T. 0.02 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:	88	Resp:	68148
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





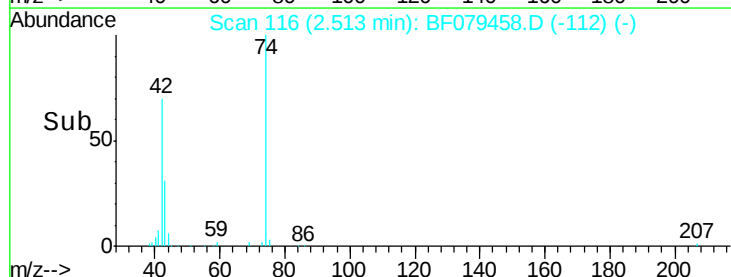
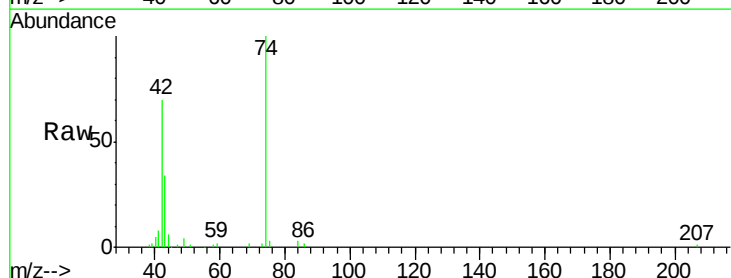
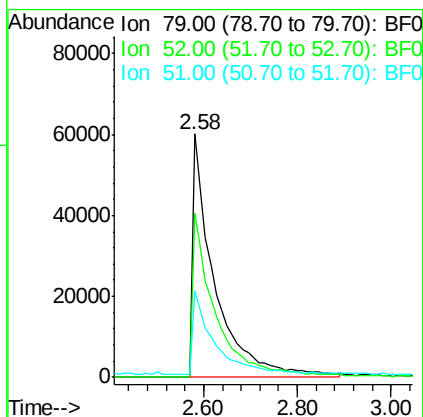
#3
 Pvridine
 Concen: 40.72 ng m
 RT: 2.58 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tot Ion:	79	Resp:	195770
Ion Ratio	Lower	Upper	
79	100		
52	67.6	57.6	86.4
51	35.3	28.7	43.1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

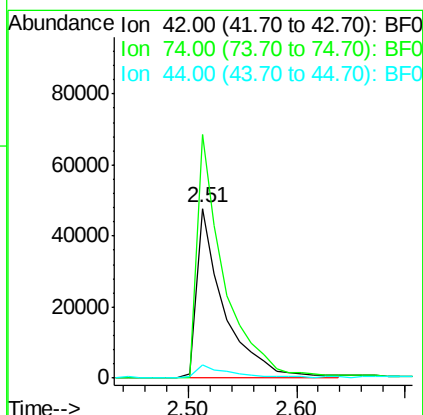
Manual Integrations
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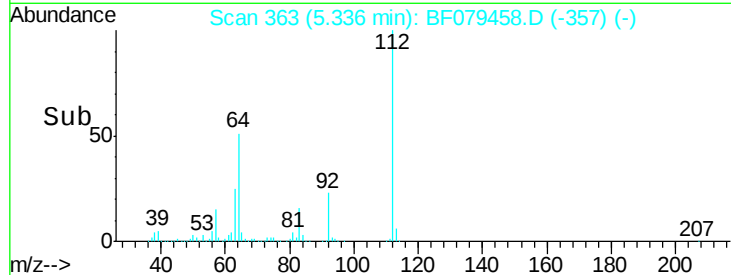
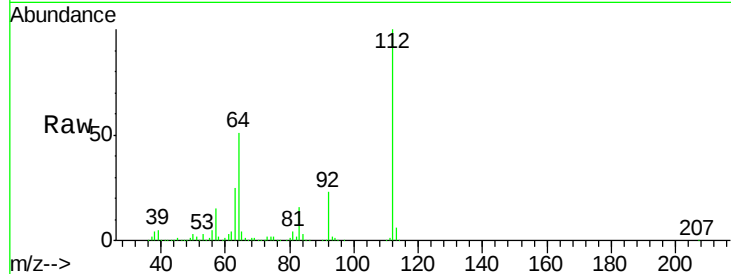
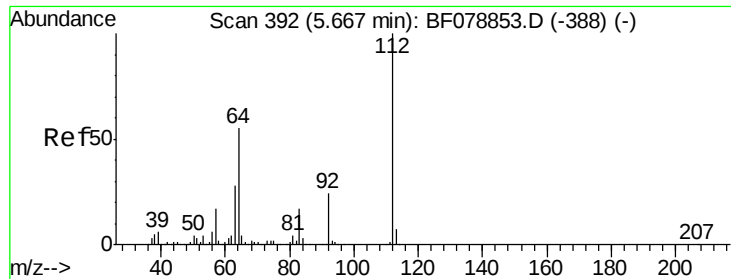
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#4
 n-Nitrosodimethylamine
 Concen: 41.06 ng m
 RT: 2.51 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion:	42	Resp:	84583
Ion Ratio	Lower	Upper	
42	100		
74	143.4	104.4	156.6
44	8.0	6.2	9.2





#5

2-Fluorophenol

Concen: 150.73 ng/mL

RT: 5.34 min Scan# 363

Delta R.T. 0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		569470		
64	51.3	44.2	66.2		
63	25.1	22.7	34.1		

Instrument :

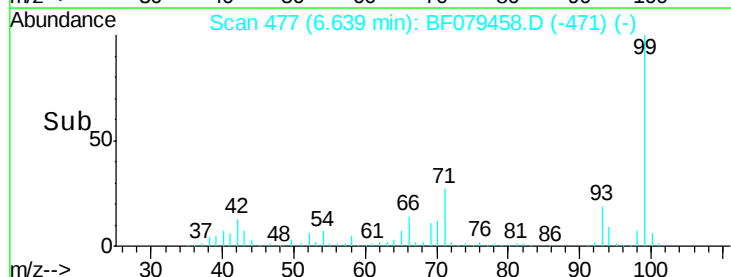
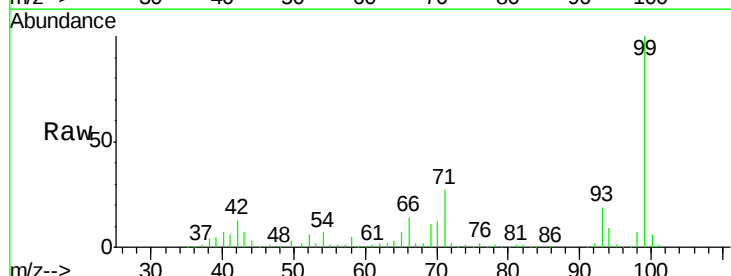
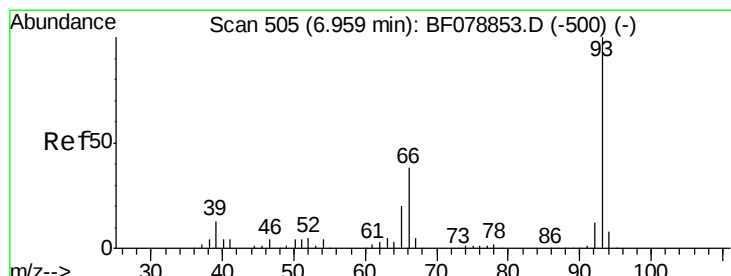
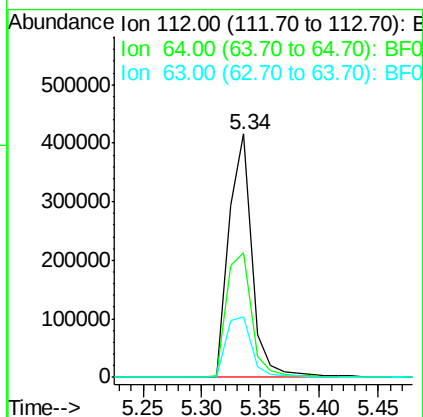
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SB-31SMSD

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#6

Aniline

Concen: 19.35 ng/mL

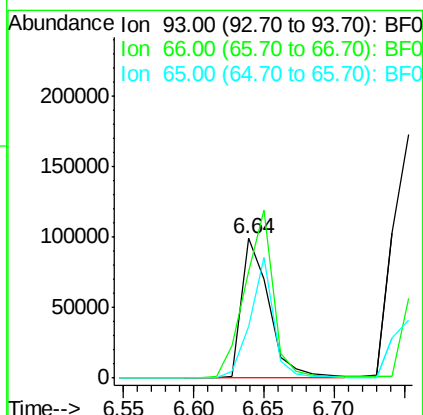
RT: 6.64 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		136408		
66	76.5	30.7	46.1#		
65	37.0	15.8	23.8#		





#7

Phenol-d6

Concen: 146.53 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

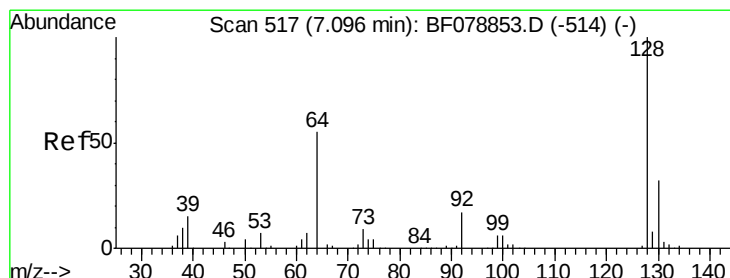
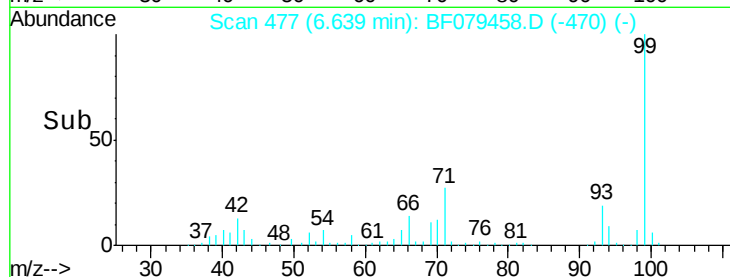
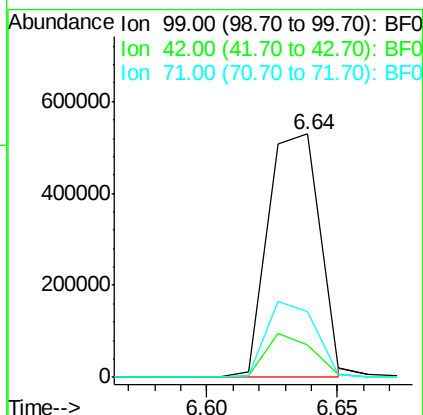
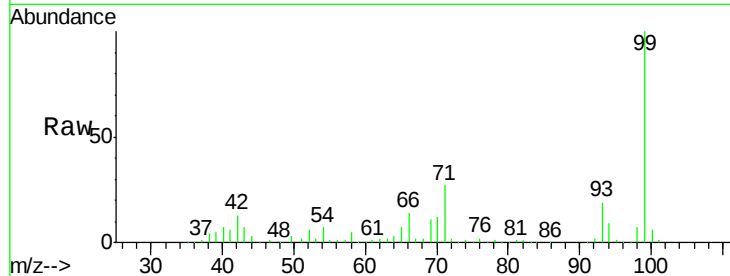
ClientSampleId :

SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		731762		
42	13.3	17.1	25.7#		
71	27.1	26.3	39.5		

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#8

2-Chlorophenol

Concen: 48.17 ng

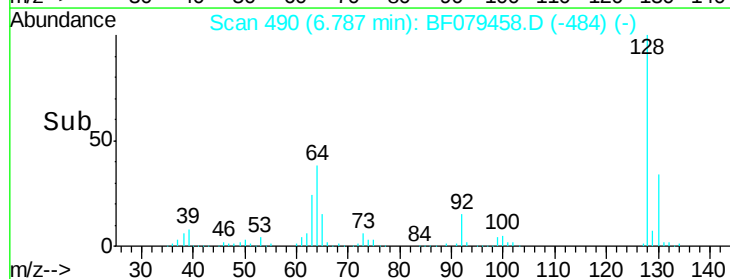
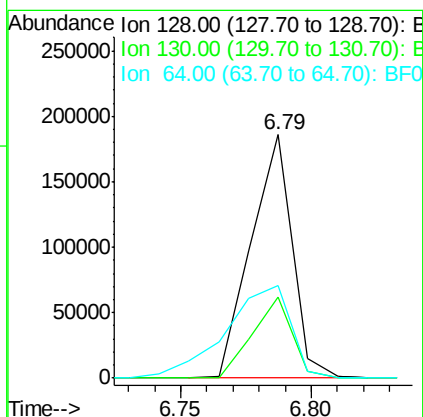
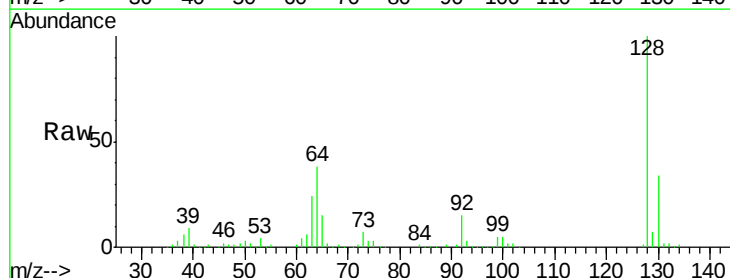
RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		206404		
130	33.5	12.4	52.4		
64	37.8	37.8	77.8#		





#9

Benzaldehyde

Concen: 10.86 ng/mL

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

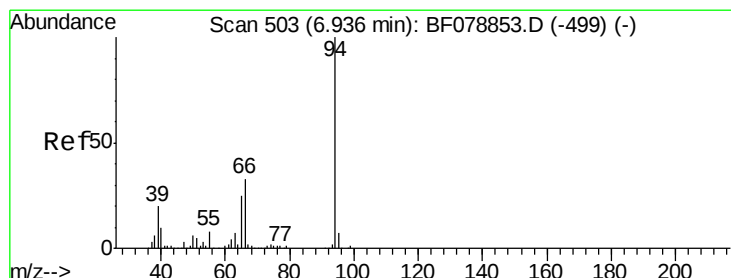
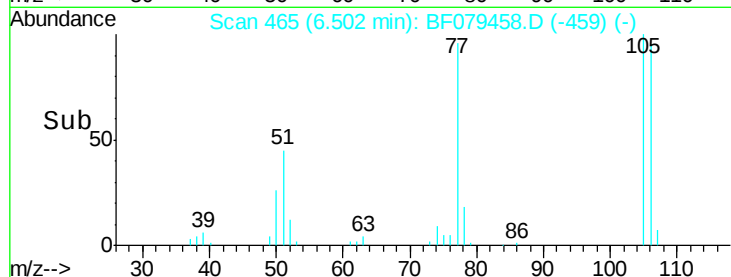
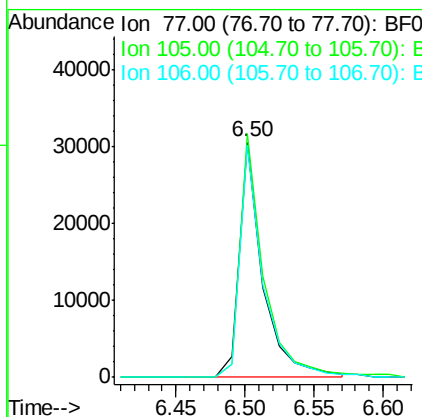
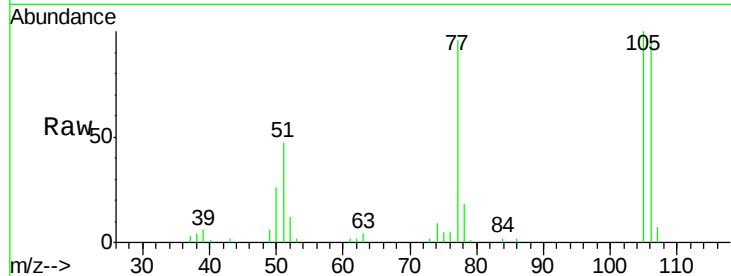
ClientSampleId :

SB-31SMSD

Tot Ion:	77	Resp:	36550
Ion	Ratio	Lower	Upper
77	100		
105	103.7	78.9	118.9
106	98.6	75.8	115.8

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#10

Phenol

Concen: 47.48 ng/mL

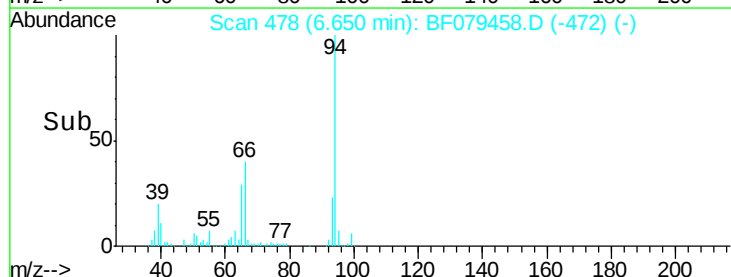
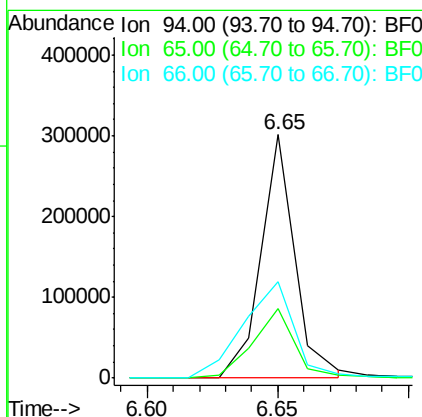
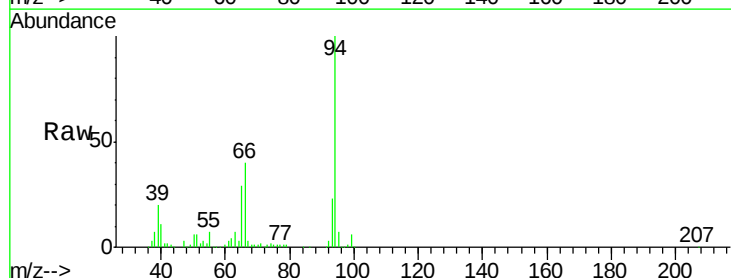
RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	94	Resp:	275052
Ion	Ratio	Lower	Upper
94	100		
65	28.6	5.1	45.1
66	39.7	13.1	53.1





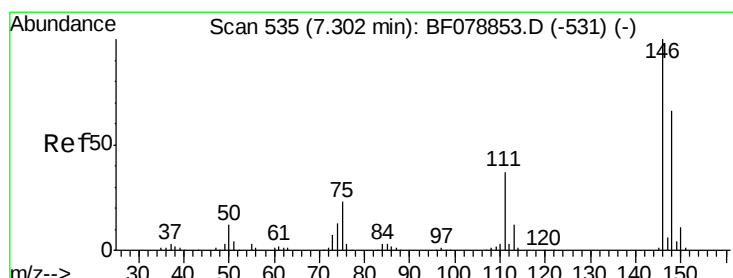
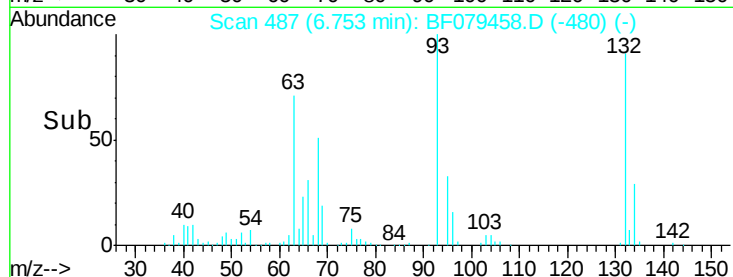
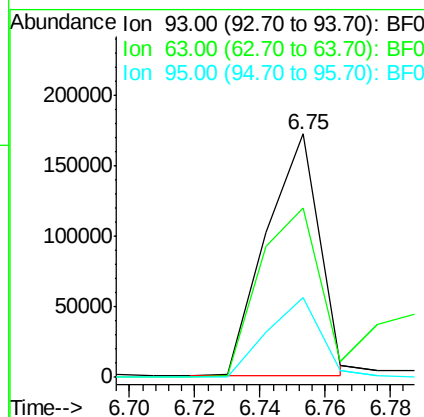
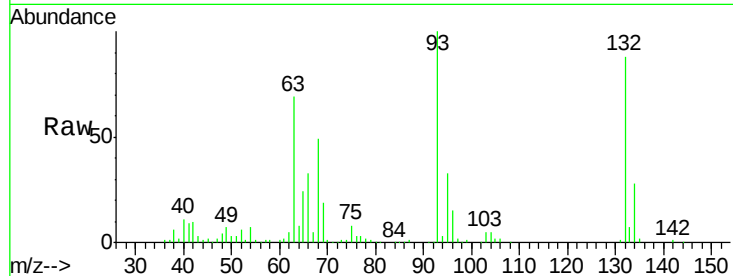
#11
bis(2-Chloroethyl)ether
Concen: 45.45 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion:	93	Resp:	193043
Ion Ratio	Lower	Upper	
93	100		
63	69.3	50.8	90.8
95	32.5	13.9	53.9

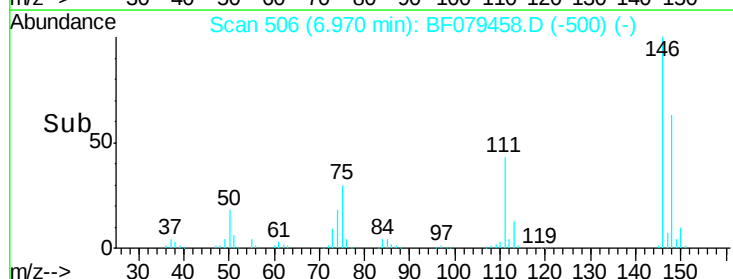
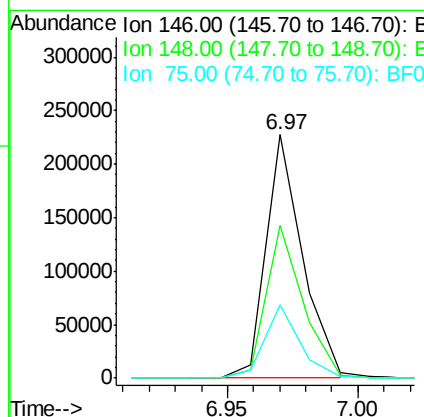
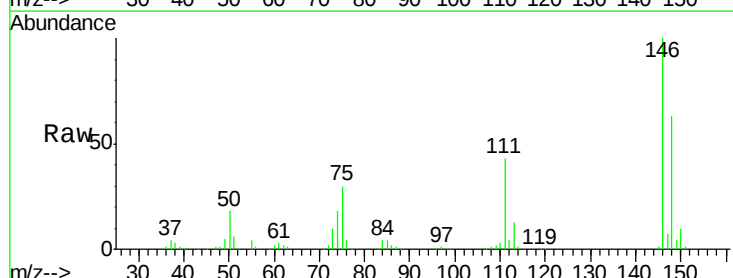
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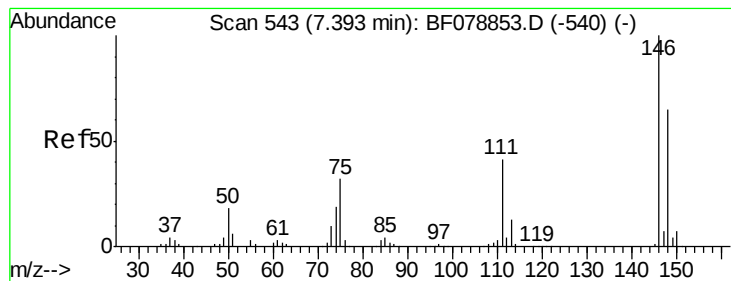
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#12
1,3-Dichlorobenzene
Concen: 46.15 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:	146	Resp:	222291
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.4	78.6
75	30.0	18.6	27.8#





#13

1,4-Dichlorobenzene

Concen: 45.39 ng

RT: 7.07 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

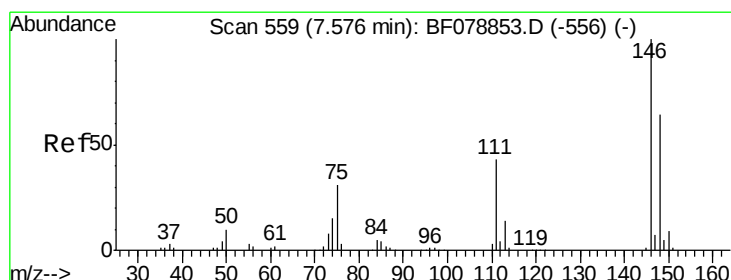
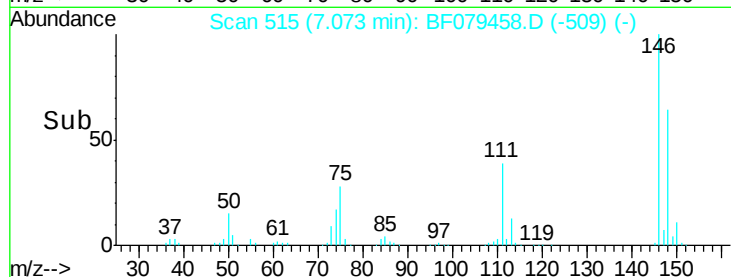
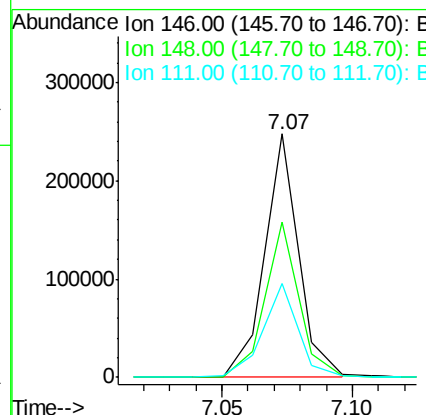
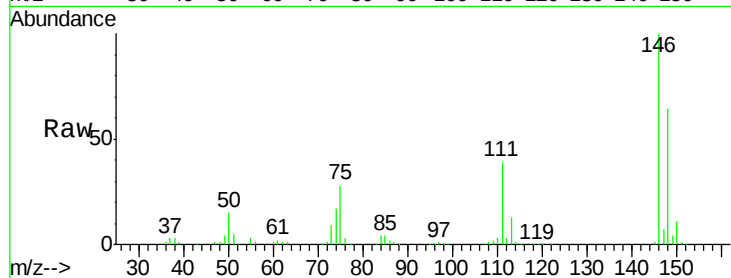
ClientSampleId :

SB-31SMSD

Tot Ion:	146	Resp:	224957
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.7	77.5
111	38.7	32.8	49.2

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#14

1,2-Dichlorobenzene

Concen: 46.01 ng

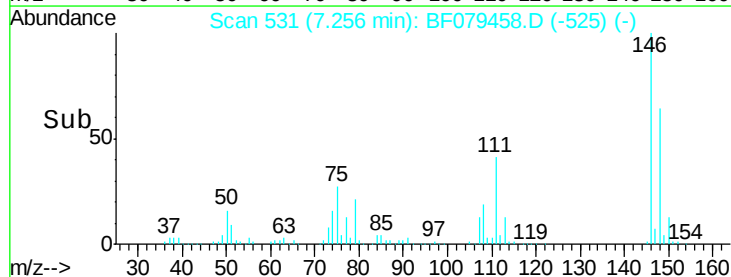
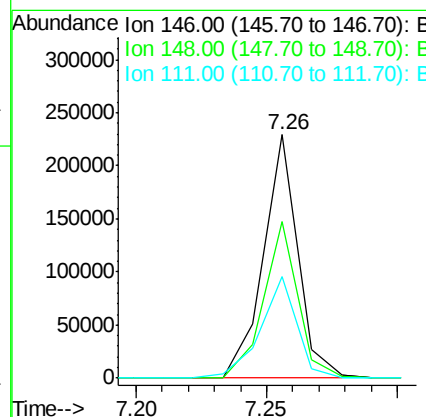
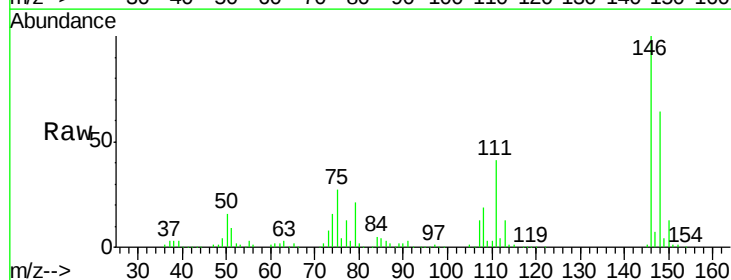
RT: 7.26 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	146	Resp:	212293
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.1	76.7
111	41.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 47.07 ng/mL

RT: 7.24 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

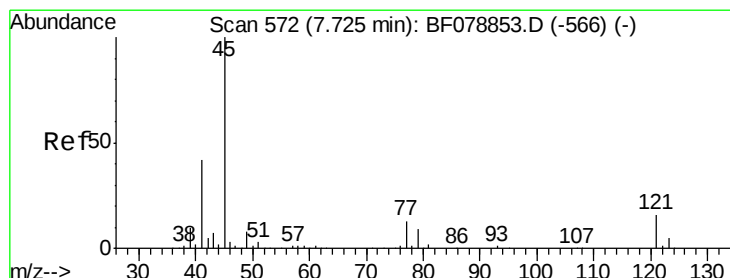
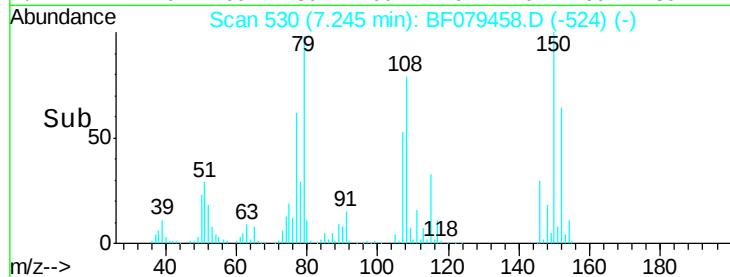
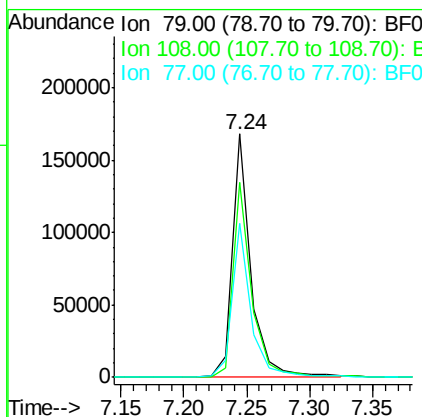
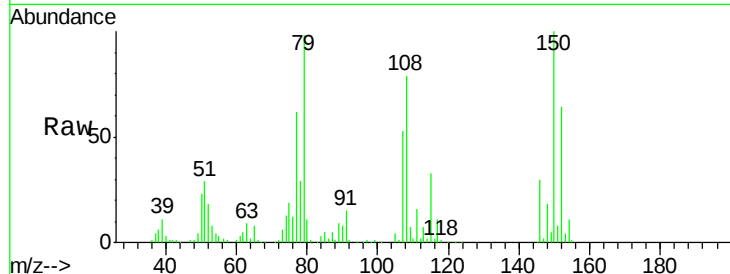
ClientSampleId :

SB-31SMSD

Tot Ion:	79	Resp:	174507
Ion Ratio	Lower	Upper	
79	100		
108	80.3	57.4	86.2
77	63.5	50.2	75.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.64 ng/mL

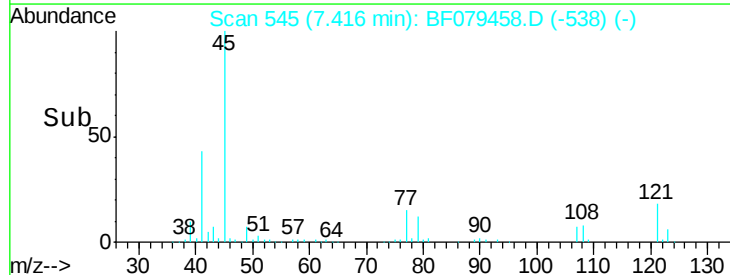
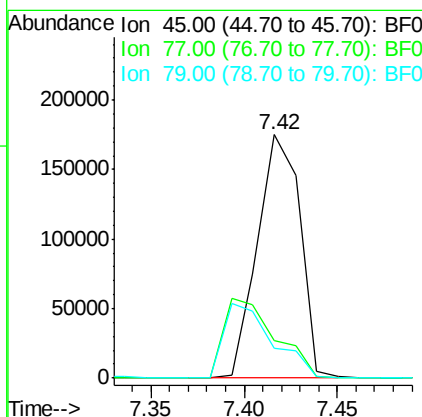
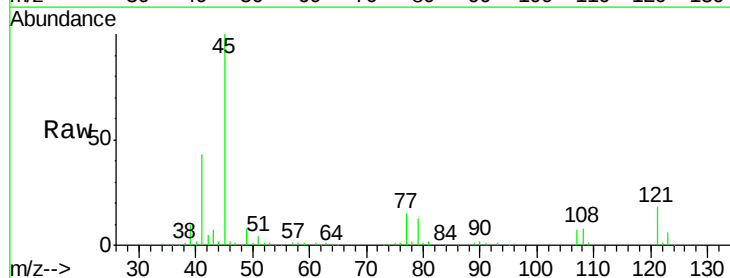
RT: 7.42 min Scan# 545

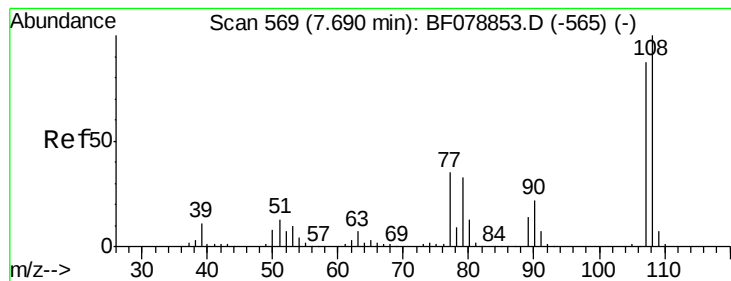
Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	45	Resp:	277068
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	32.6
79	12.5	0.0	29.3





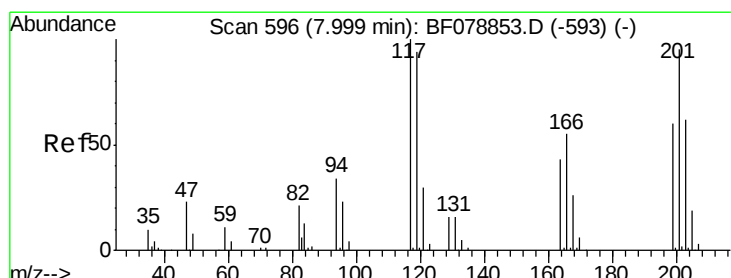
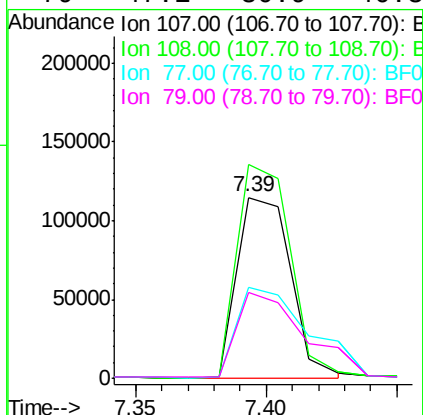
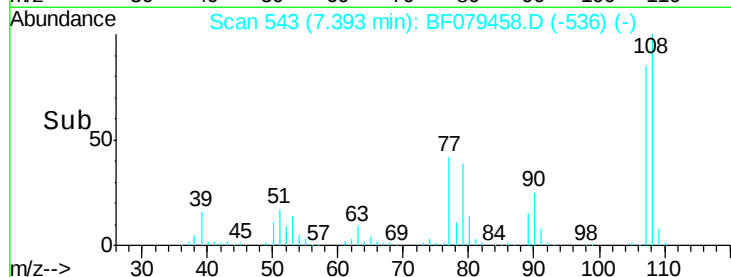
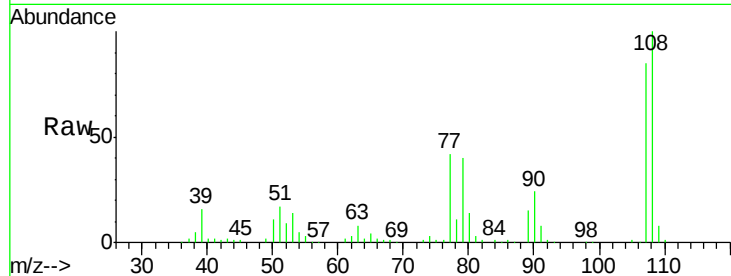
#17
2-Methylphenol
Concen: 47.78 ng
RT: 7.39 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	118.0	92.4	138.6	
77	50.1	32.6	49.0	
79	47.1	30.9	46.3	

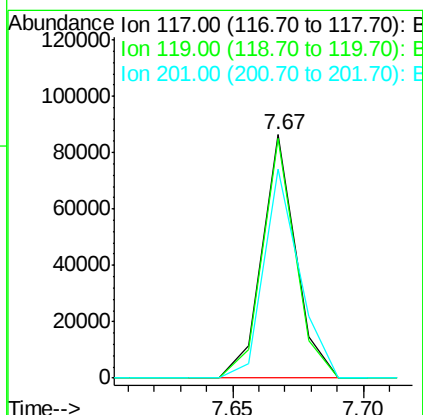
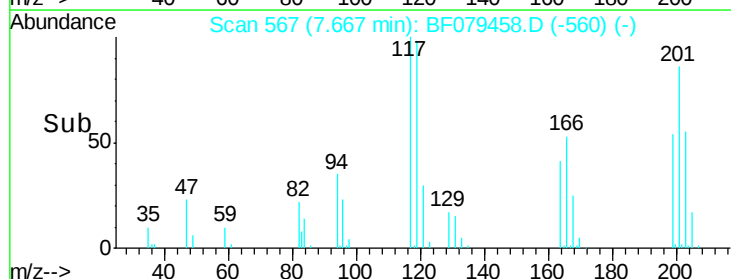
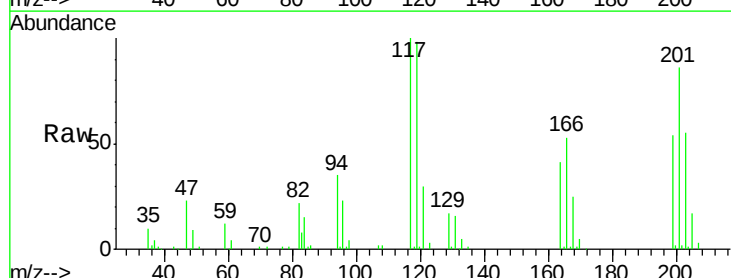
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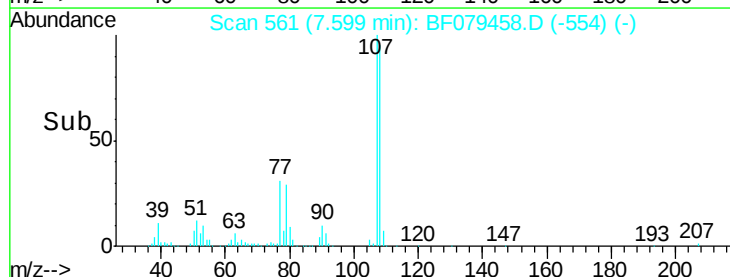
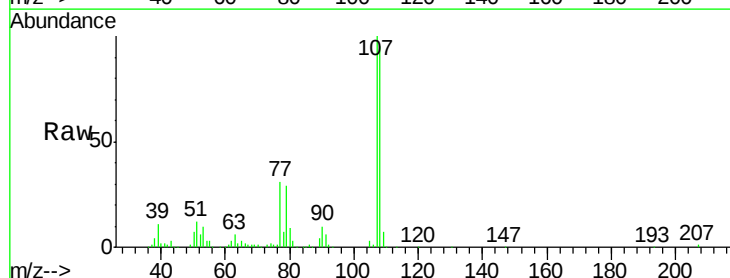
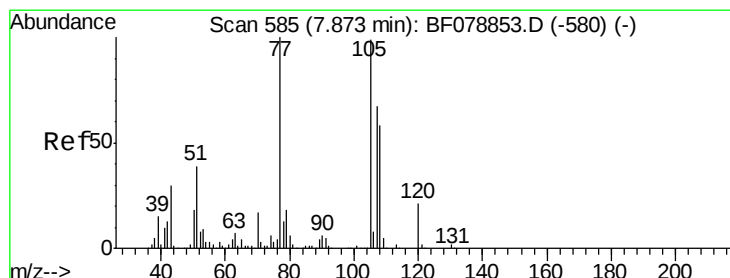
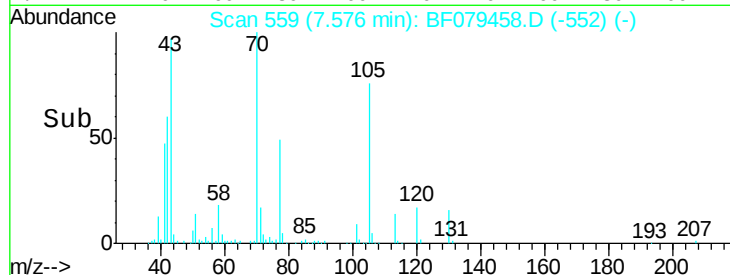
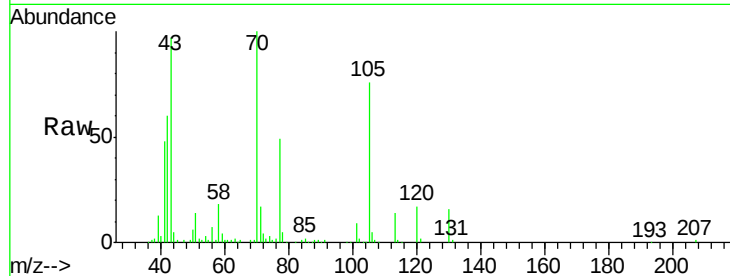
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#18
Hexachloroethane
Concen: 45.36 ng
RT: 7.67 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.2	112.8	
201	86.1	75.8	113.8	

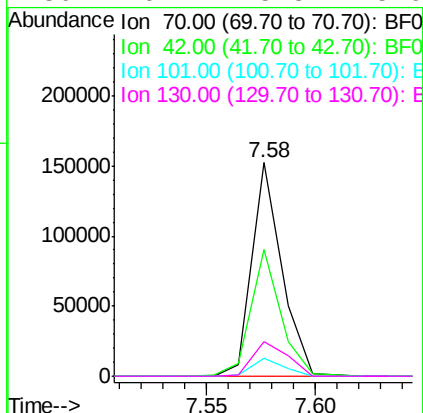




#19
n-Nitroso-di-n-propylamine
Concen: 43.32 ng
RT: 7.58 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.6	47.3	70.9	
101	8.6	7.5	11.3	
130	16.4	15.8	23.6	

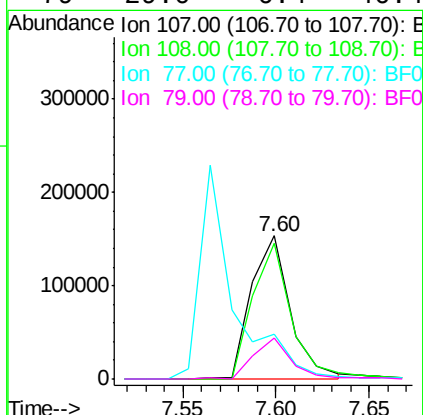


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#20
3+4-Methylphenols
Concen: 48.66 ng
RT: 7.60 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.1	66.5	106.5	
77	31.4	130.6	170.6#	
79	29.0	6.4	46.4	





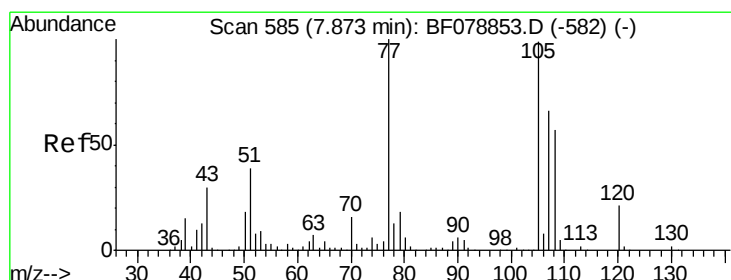
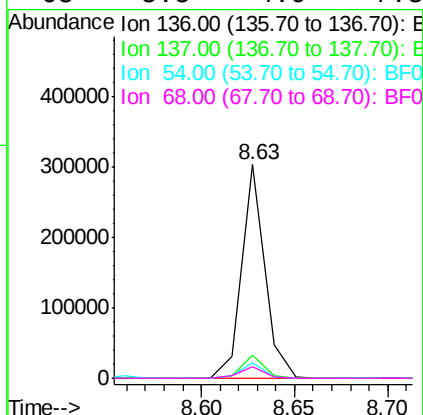
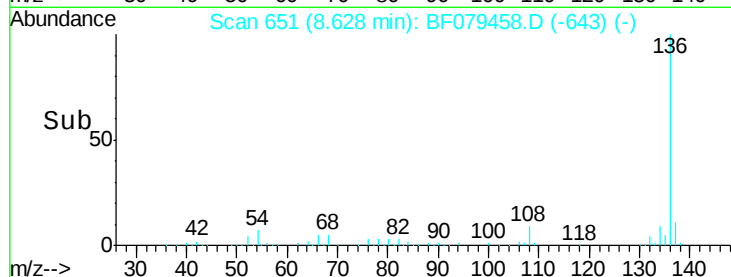
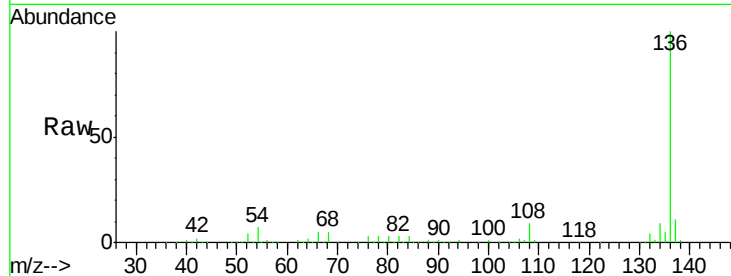
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	262198		
137	10.8		8.8	13.2
54	7.2		6.9	10.3
68	5.5		4.9	7.3

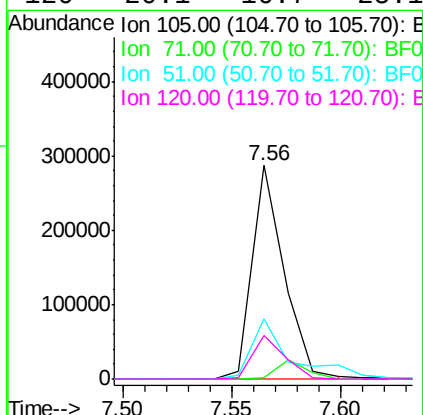
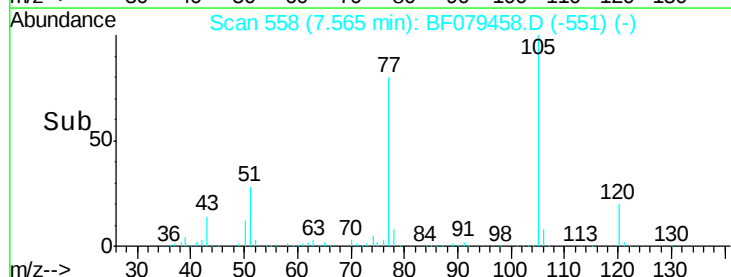
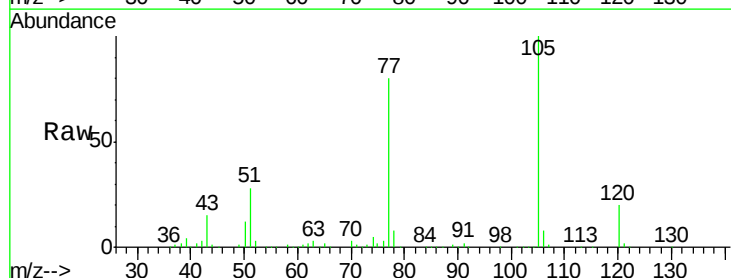
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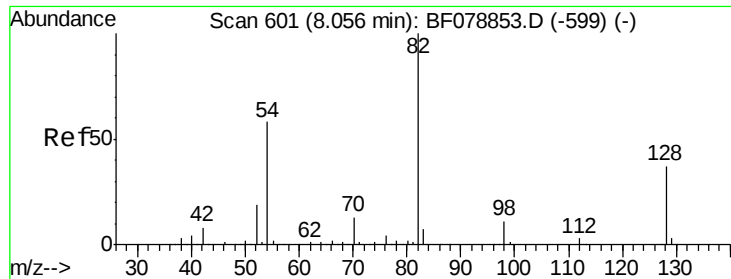
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#22
Acetophenone
Concen: 49.44 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	292867		
71	0.5		2.2	3.4#
51	28.2		31.1	46.7#
120	20.1		16.7	25.1





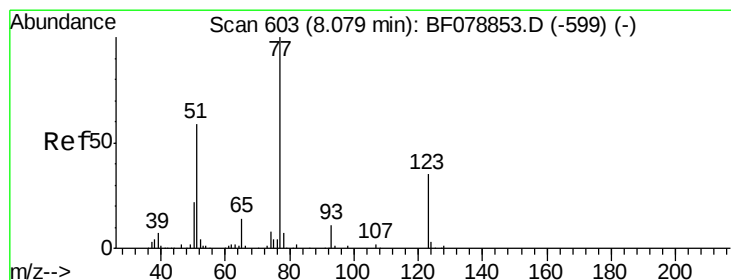
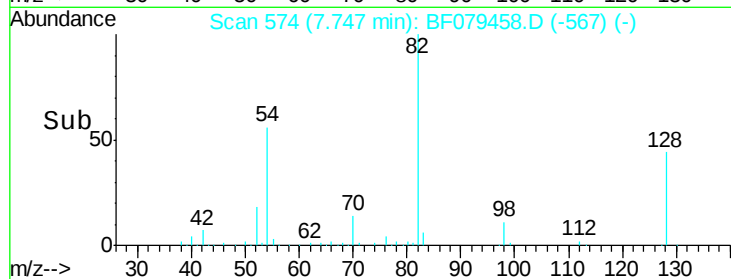
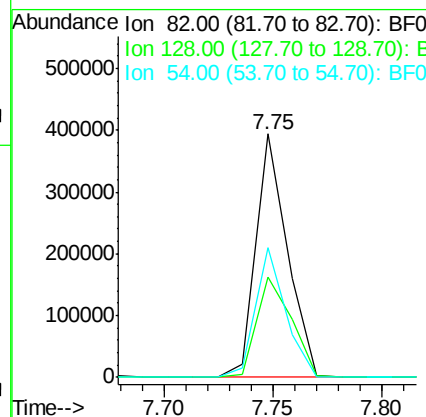
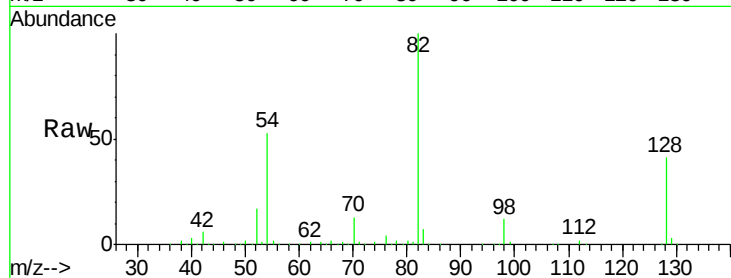
#23
 Nitrobenzene-d5
 Concen: 87.06 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.4	29.7	44.5	
54	53.0	46.2	69.4	

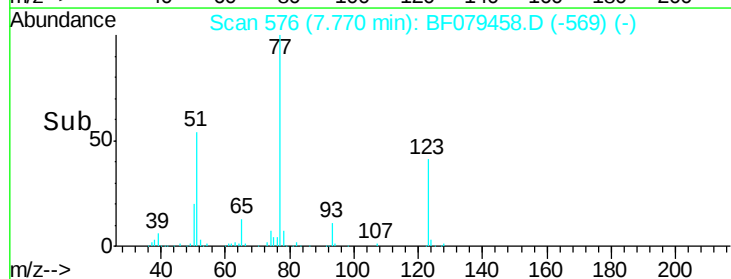
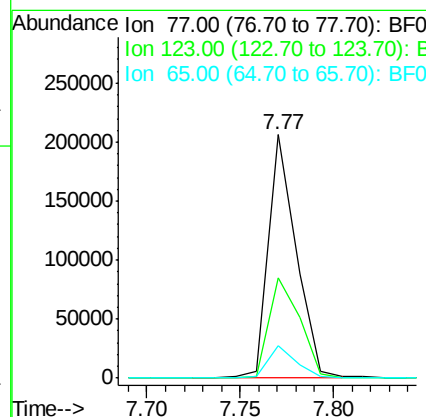
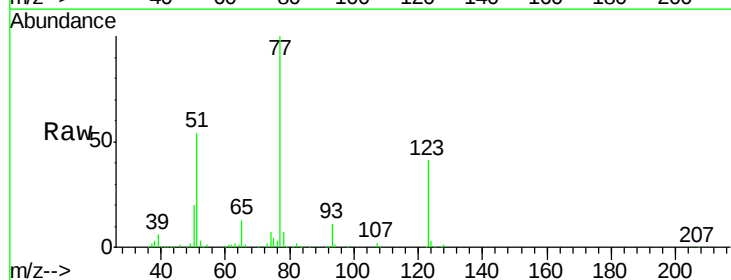
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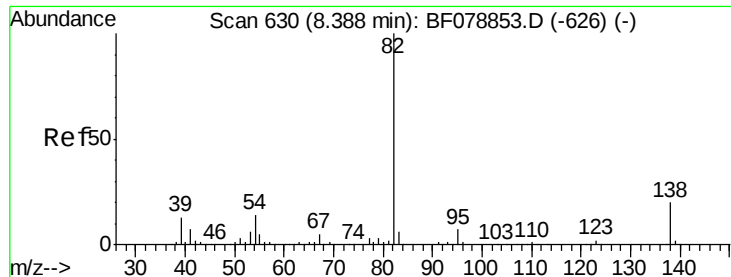
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#24
 Nitrobenzene
 Concen: 46.75 ng
 RT: 7.77 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	28.3	42.5	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 46.04 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

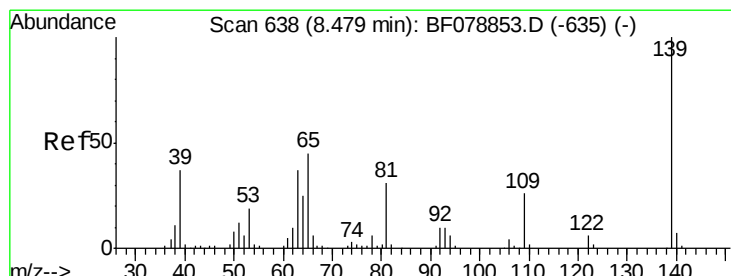
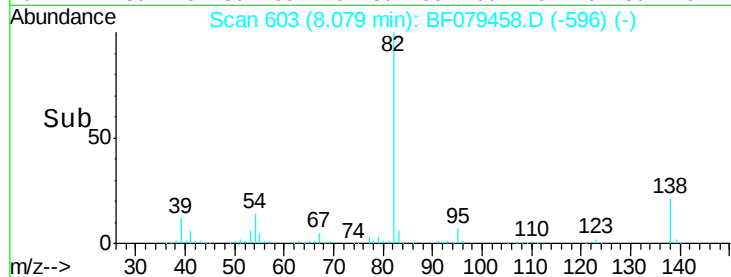
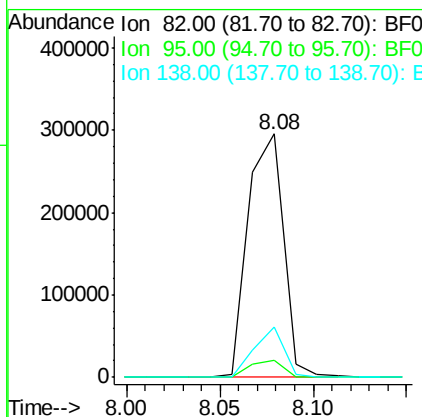
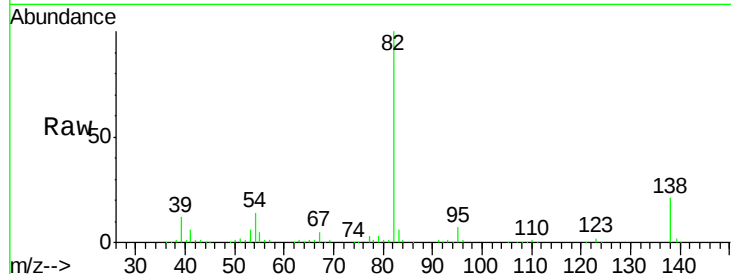
ClientSampleId :

SB-31SMSD

Tot Ion:	82	Resp:	389418
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.2
138	20.9	16.1	24.1

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#26

2-Nitrophenol

Concen: 54.00 ng

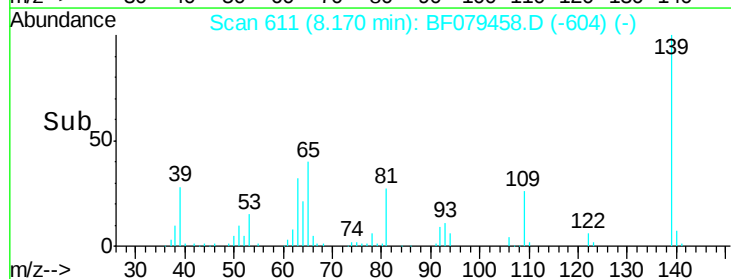
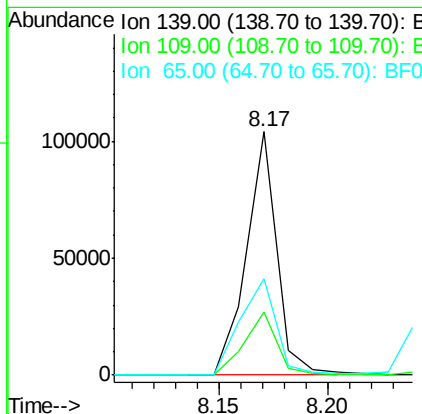
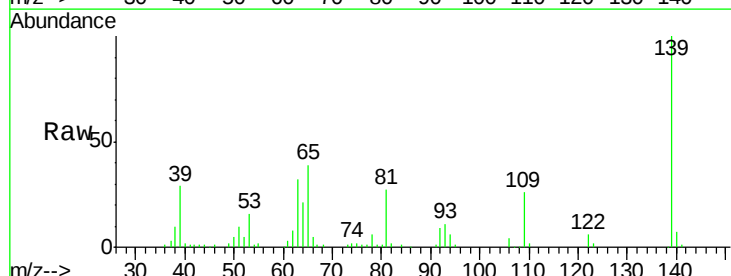
RT: 8.17 min Scan# 611

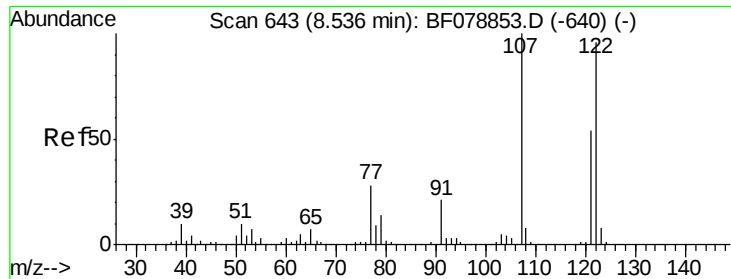
Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	139	Resp:	101077
Ion Ratio		Lower	Upper
139	100		
109	25.8	20.9	31.3
65	39.5	35.8	53.8





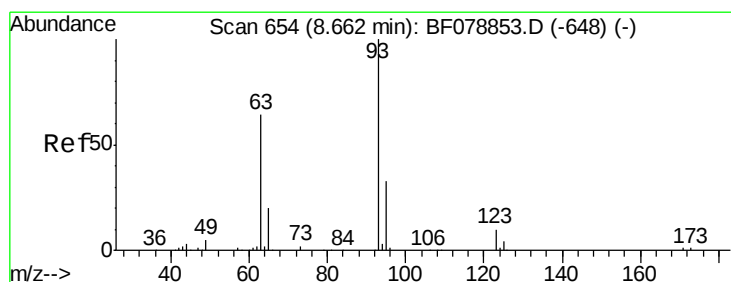
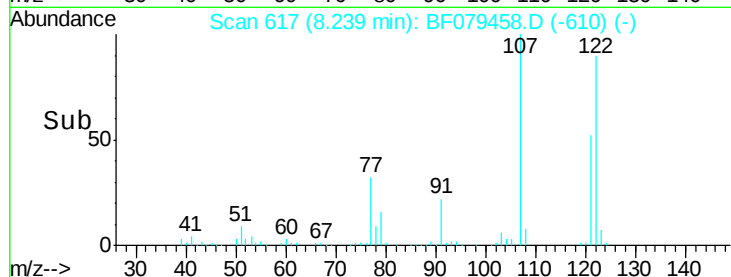
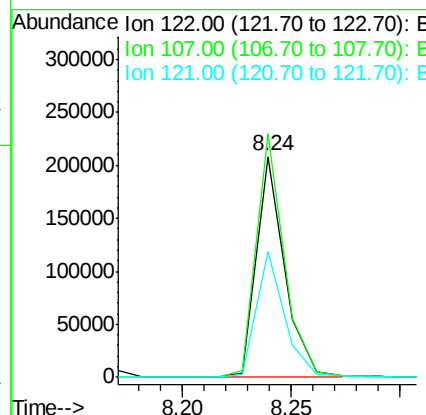
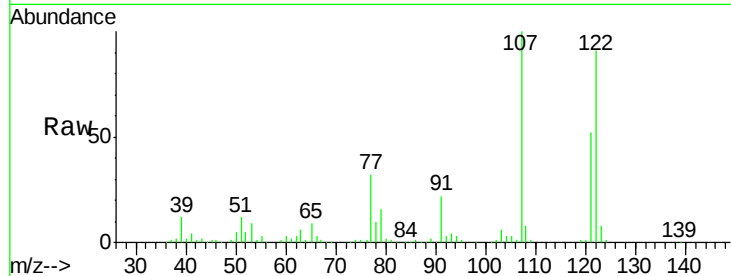
#27
2,4-Dimethylphenol
Concen: 50.36 ng
RT: 8.24 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		188628		
107	110.2	83.6	125.4		
121	56.9	44.9	67.3		

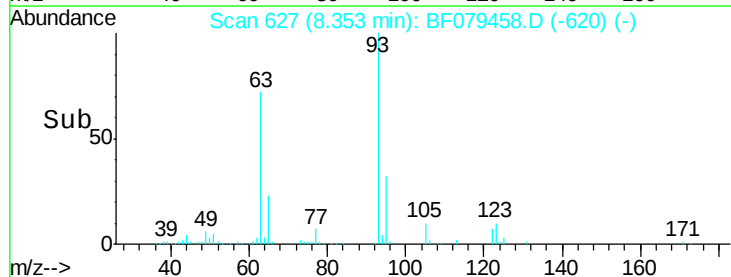
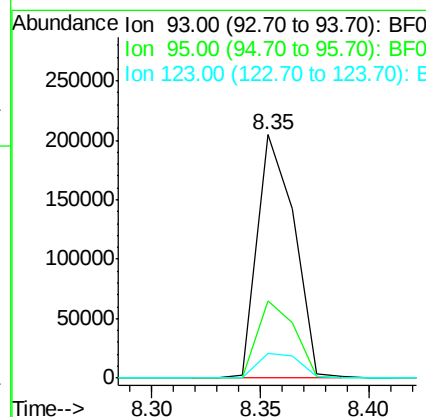
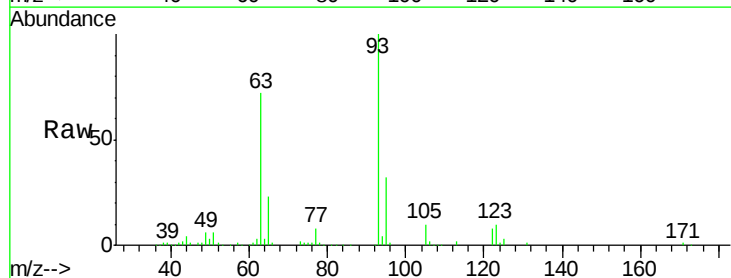
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#28
bis(2-Chloroethoxy)methane
Concen: 46.71 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		243535		
95	31.6	26.2	39.2		
123	10.0	8.6	12.8		





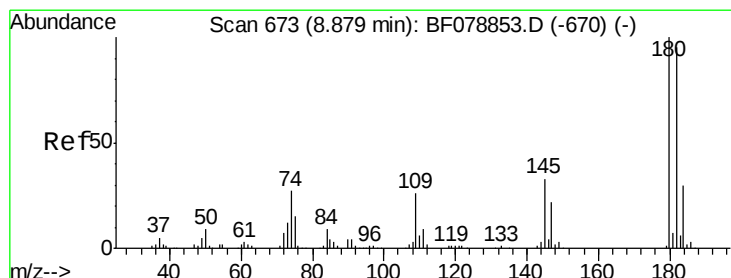
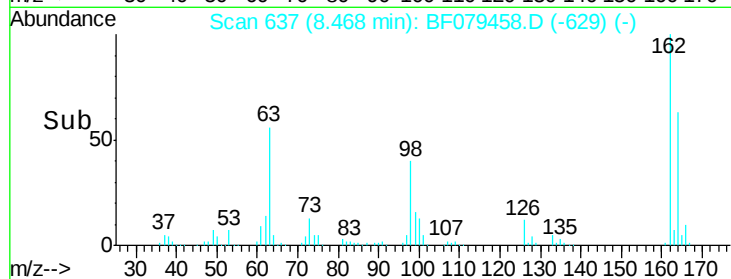
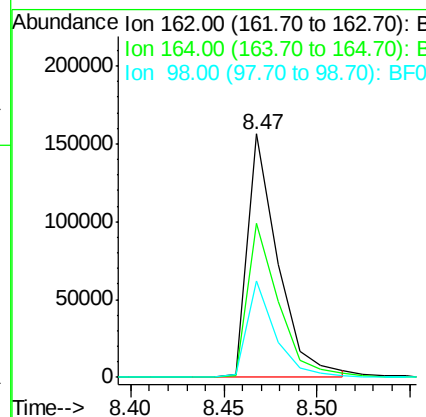
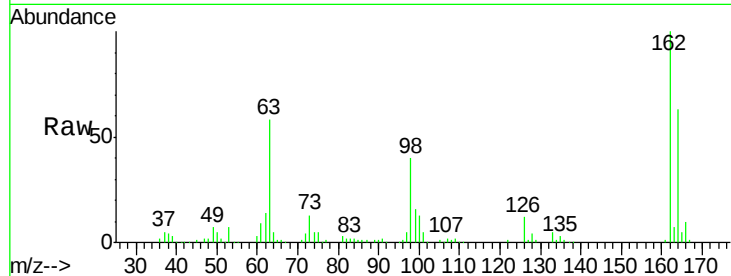
#29
2,4-Dichlorophenol
Concen: 53.53 ng
RT: 8.47 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	178271		
164	63.3	42.7	82.7	
98	39.5	26.3	66.3	

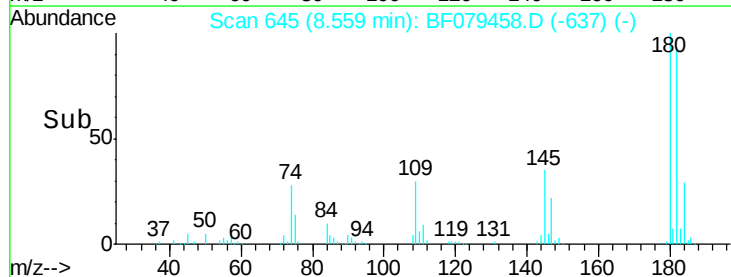
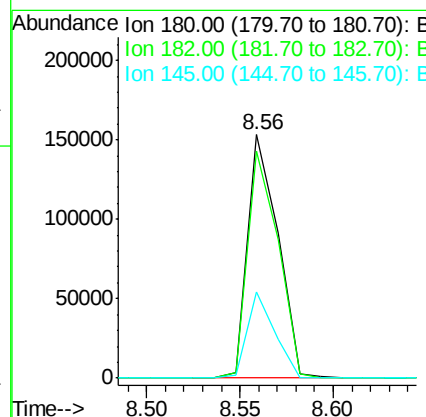
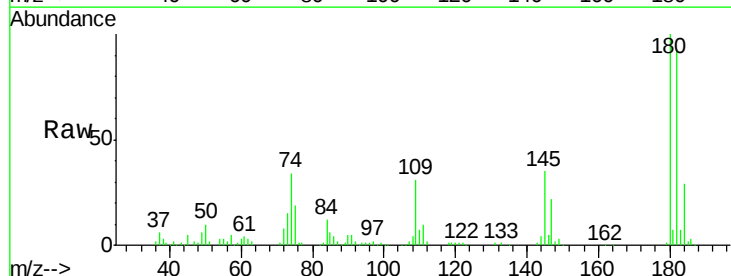
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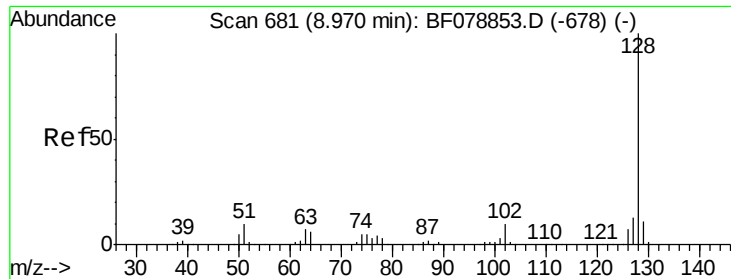
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#30
1,2,4-Trichlorobenzene
Concen: 47.31 ng
RT: 8.56 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173086		
182	93.2	75.7	113.5	
145	35.4	26.2	39.4	





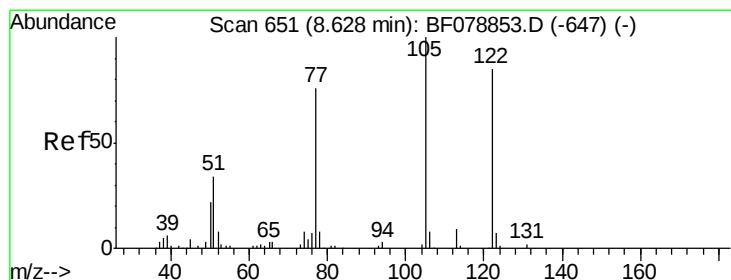
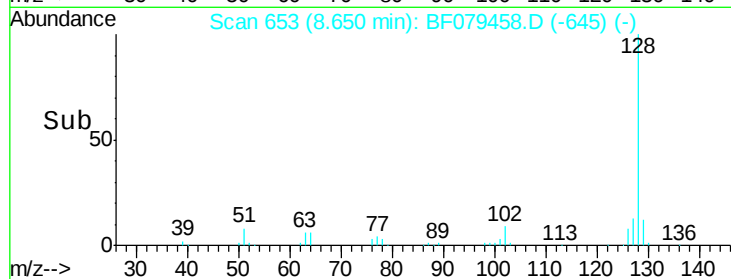
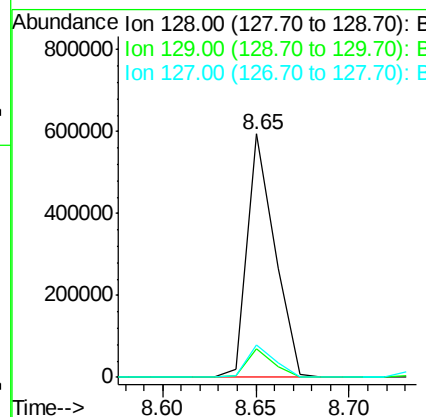
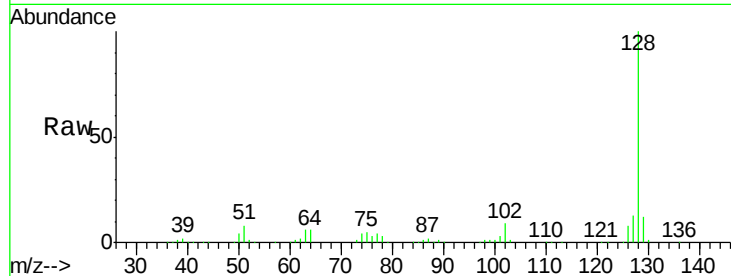
#31
Naphthalene
Concen: 48.92 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	611142		
129	11.6	9.2	13.8	
127	13.1	10.3	15.5	

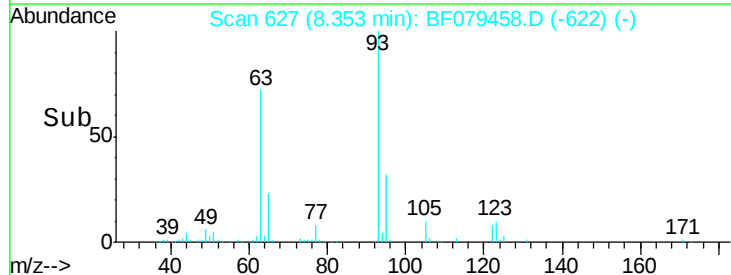
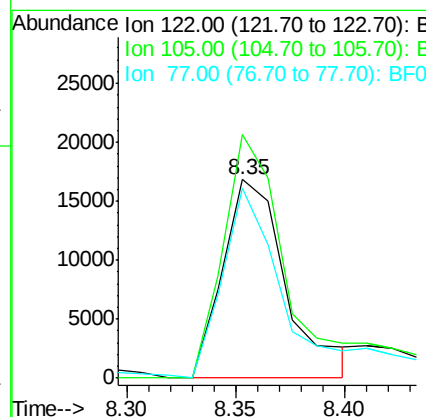
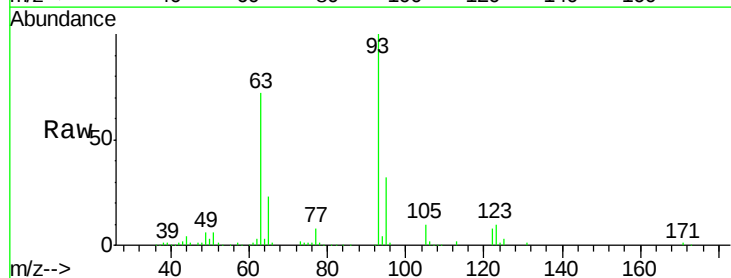
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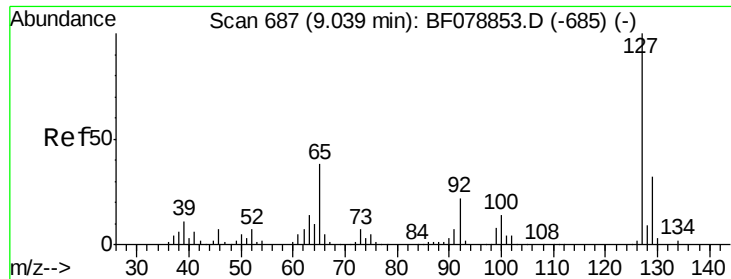
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#32
Benzoic acid
Concen: 18.95 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	34137		
105	122.6	100.7	140.7	
77	95.7	72.0	112.0	





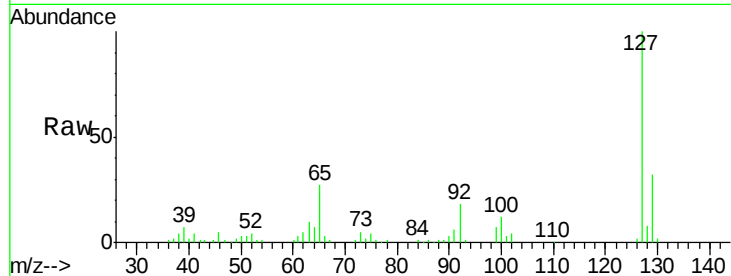
#33
4-Chloroaniline
Concen: 19.14 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

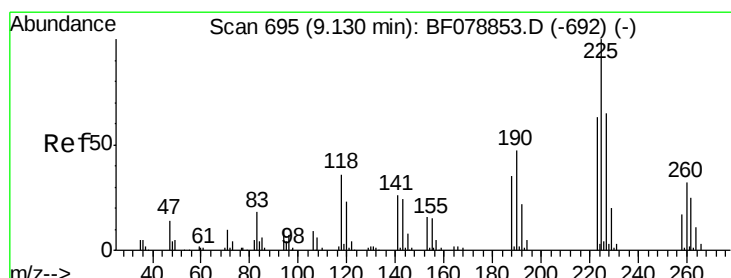
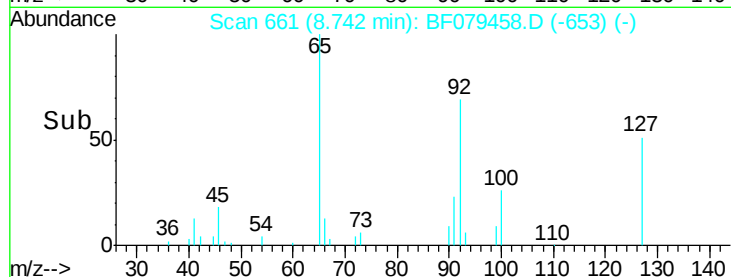
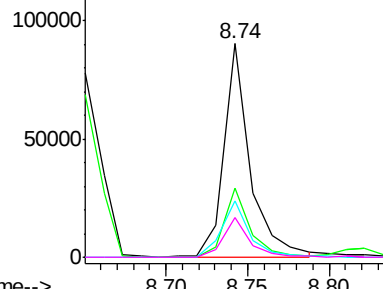
Tot Ion	Ion	Ratio	Resp Lower	Upper
127	100			
129	32.2	25.6	38.4	
65	26.6	30.2	45.4	
92	18.5	17.5	26.3	

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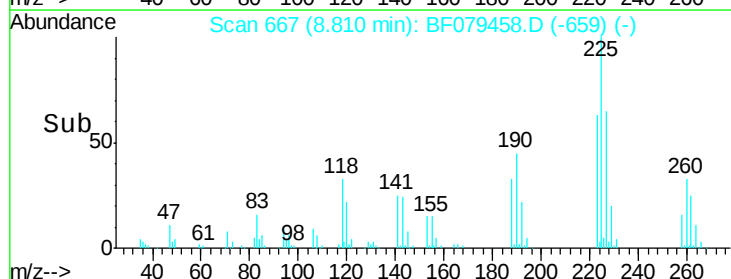
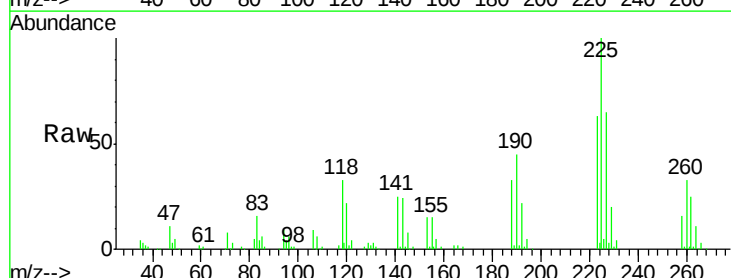
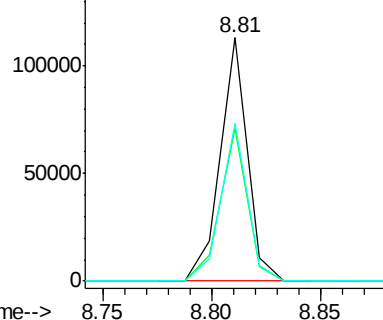
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

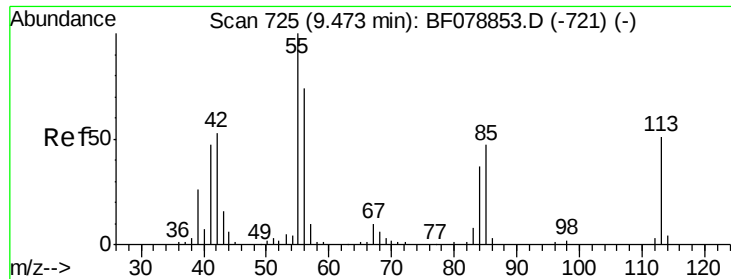


#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp Lower	Upper
225	100			
223	62.6	50.6	75.8	
227	64.6	52.1	78.1	

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





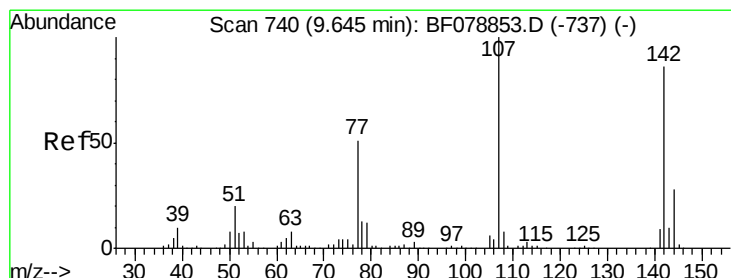
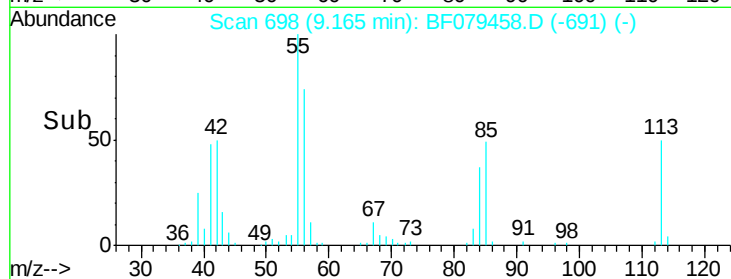
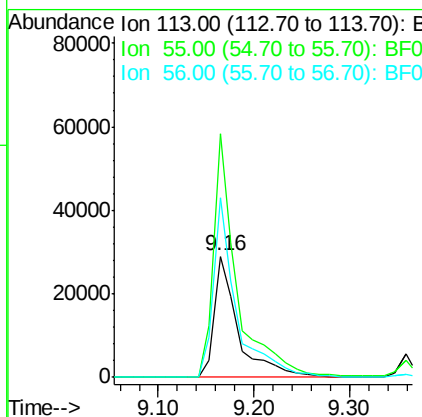
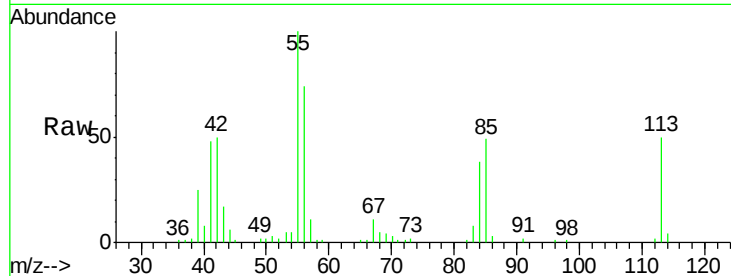
#35
 Caprolactam
 Concen: 47.34 ng/ml
 RT: 9.16 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.3	176.0	216.0
56	148.1	123.8	163.8

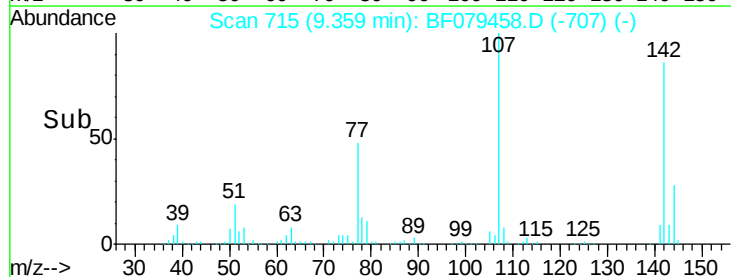
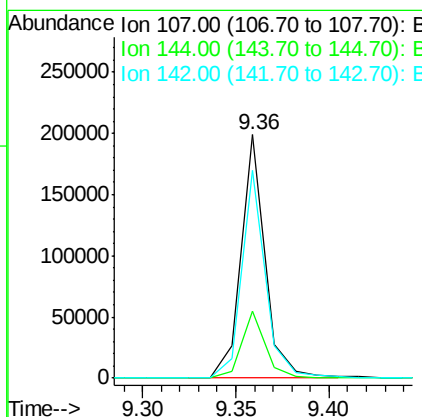
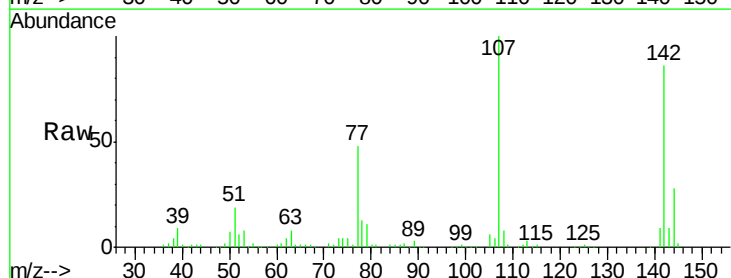
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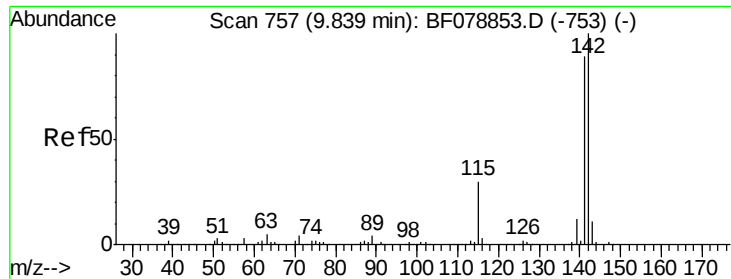
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#36
 4-Chloro-3-methylphenol
 Concen: 51.79 ng/ml
 RT: 9.36 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	22.5	33.7
142	85.5	68.6	103.0





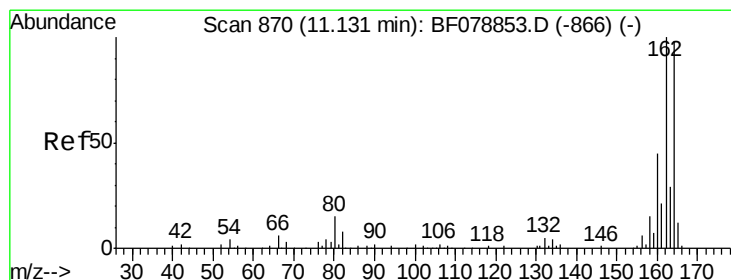
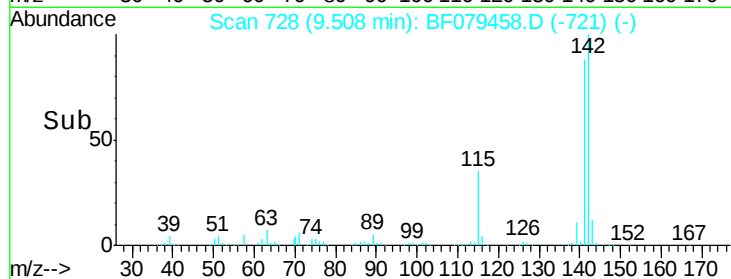
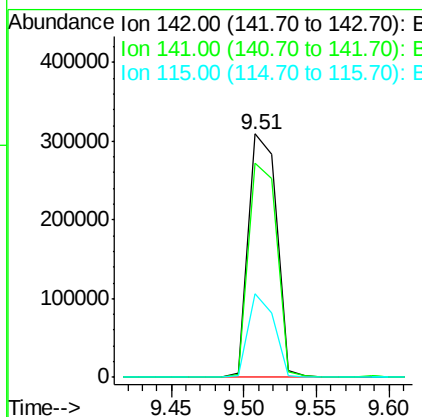
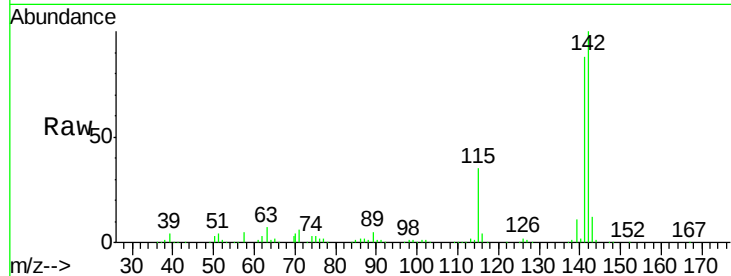
#37
 2-Methylnaphthalene
 Concen: 48.42 ng
 RT: 9.51 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		419193		
141	88.0	71.6	107.4		
115	34.6	24.2	36.4		

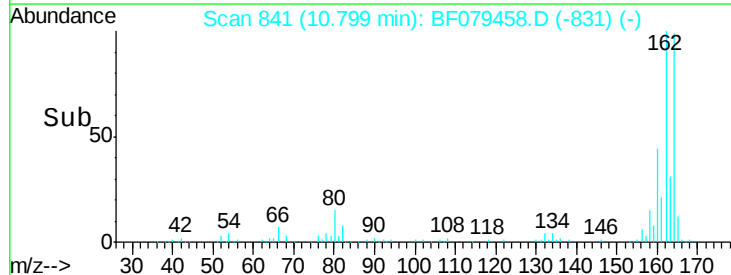
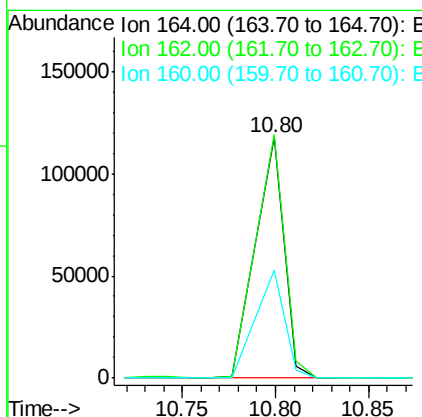
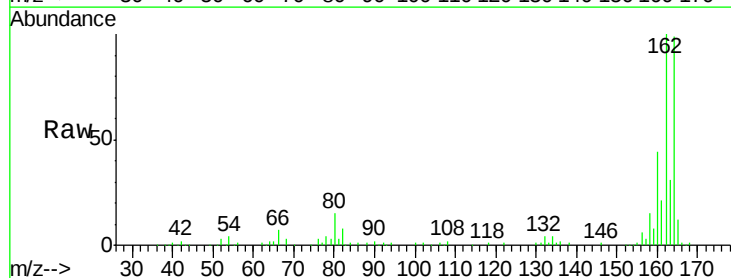
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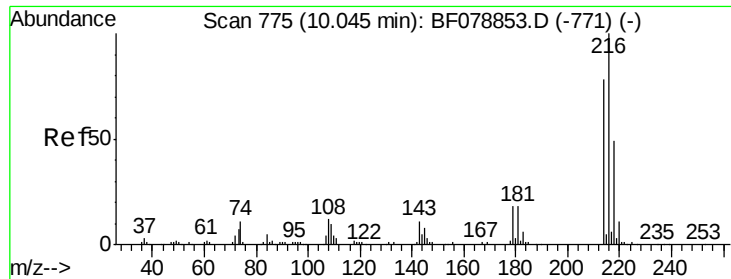
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		124928		
162	101.1	81.4	122.0		
160	44.8	36.6	54.8		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.29 ng

RT: 9.72 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

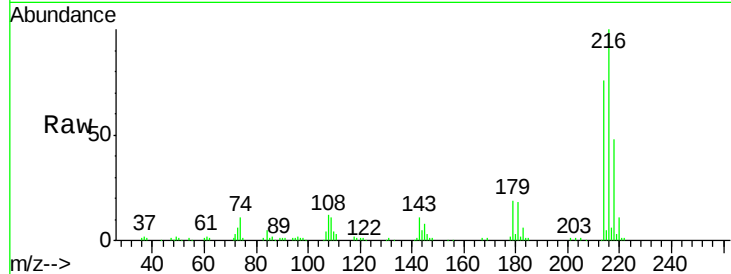
ClientSampleId :

SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		166391		
214	78.0		64.0	96.0	
179	22.0		17.0	25.4	
108	21.7		17.0	25.6	

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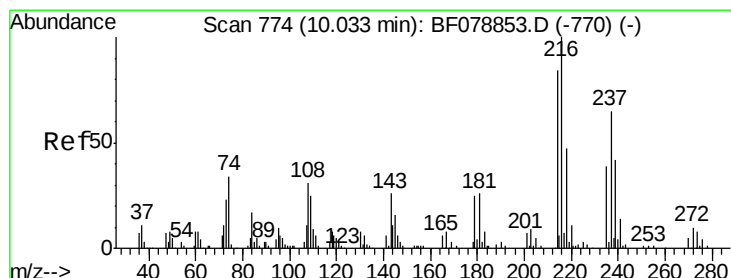
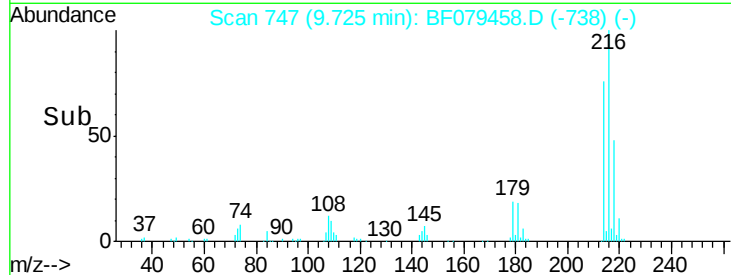
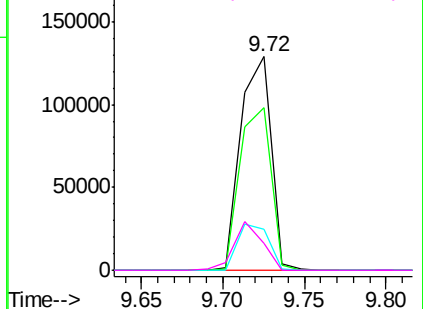


Abundance Ion 216.00 (215.70 to 216.70): E

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: 50.22 ng

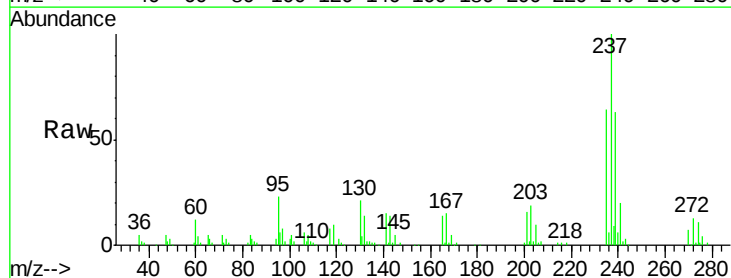
RT: 9.70 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

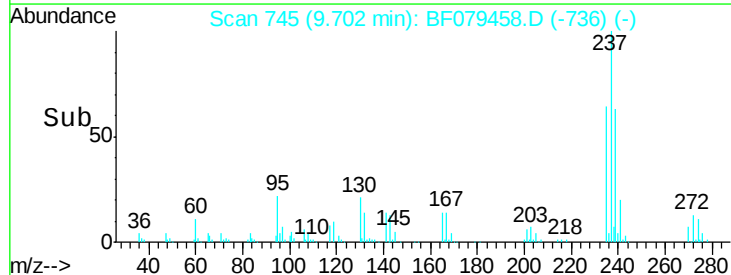
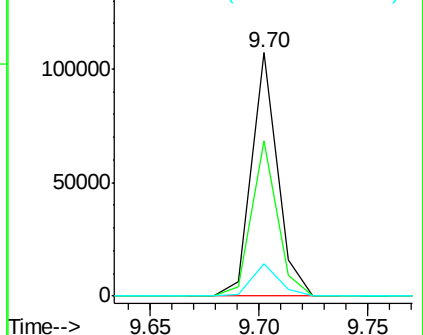
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		88850		
235	63.8		40.0	80.0	
272	13.3		0.0	36.0	

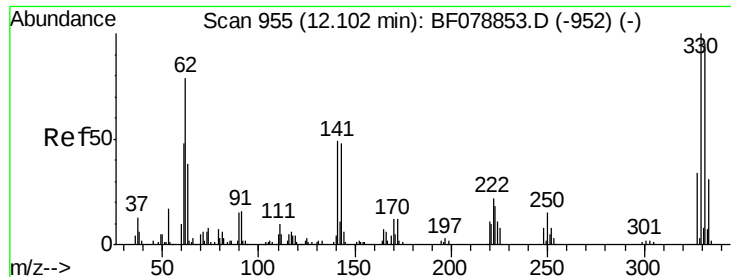


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





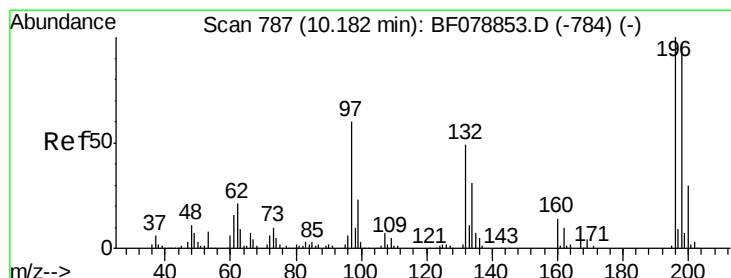
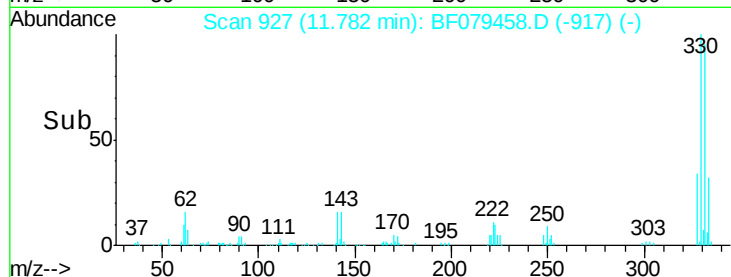
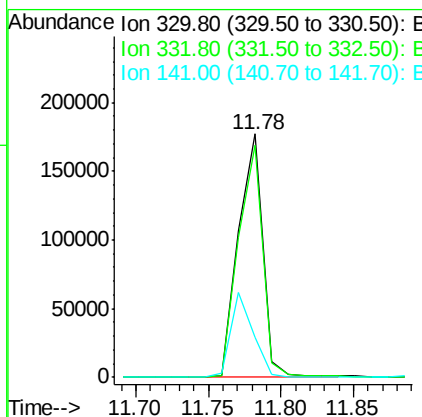
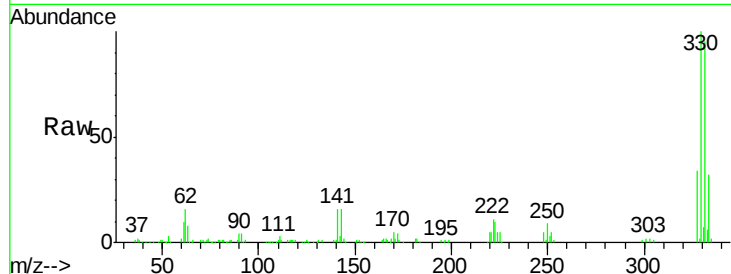
#41
 2,4,6-Tribromophenol
 Concen: 152.95 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	206704		
332	95.8		76.9	115.3
141	32.5		27.8	41.8

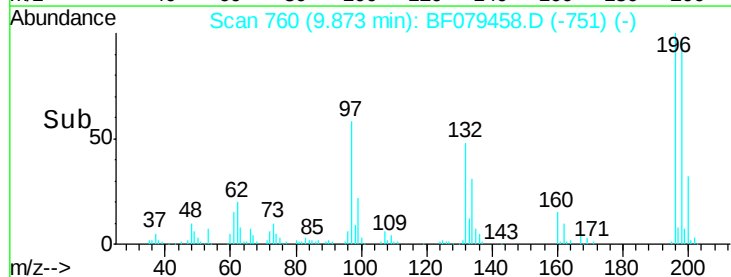
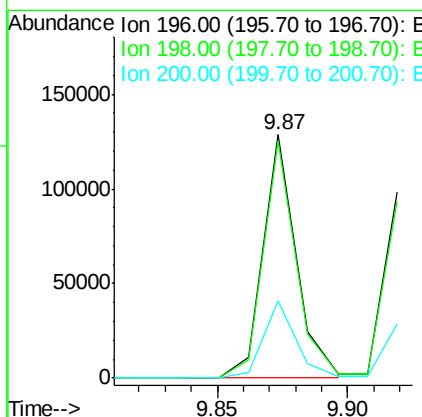
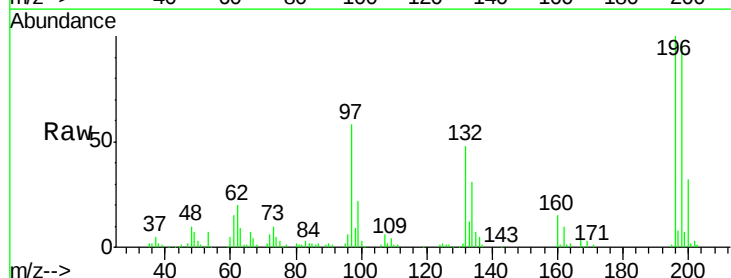
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#42
 2,4,6-Trichlorophenol
 Concen: 47.32 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114452		
198	97.2		77.4	116.2
200	31.5		23.7	35.5





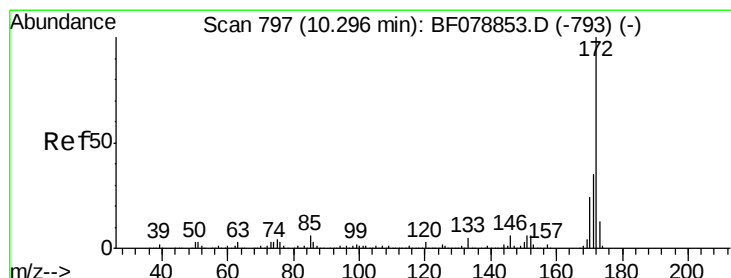
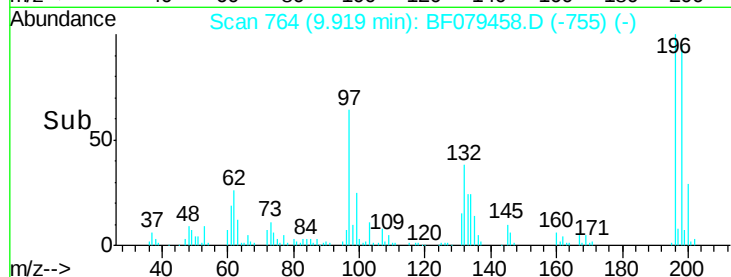
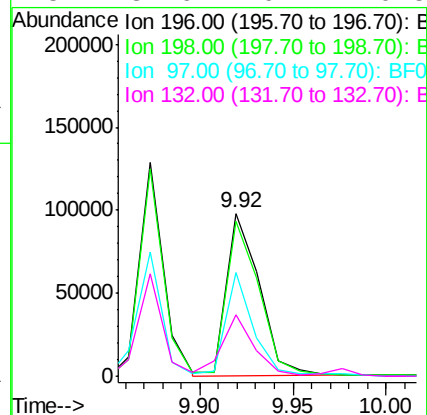
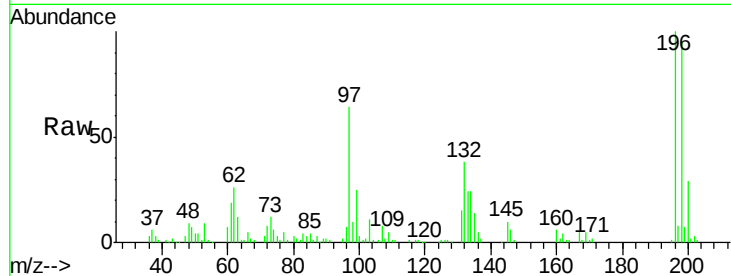
#43
 2,4,5-Trichlorophenol
 Concen: 49.16 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120214		
198	94.9	77.3	115.9	
97	63.8	31.3	46.9	
132	37.6	19.7	29.5	

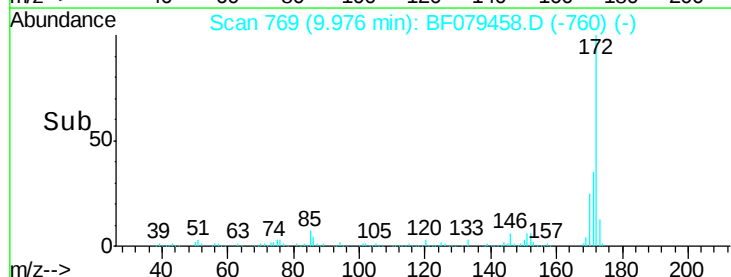
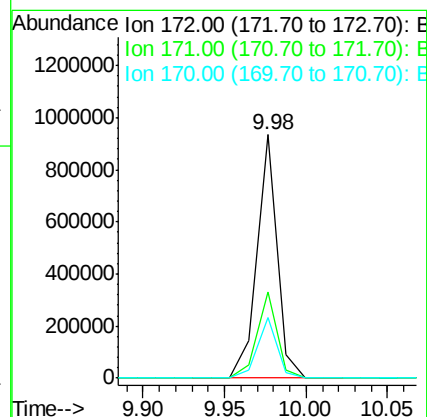
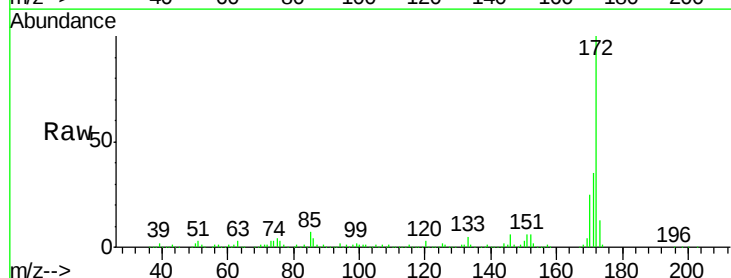
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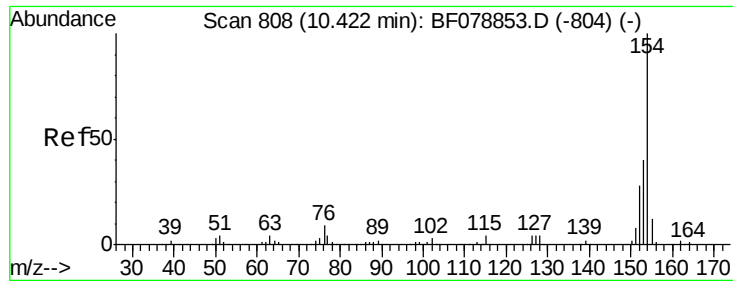
apatel
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#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	801963		
171	35.5	28.3	42.5	
170	24.8	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 47.86 ng

RT: 10.09 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

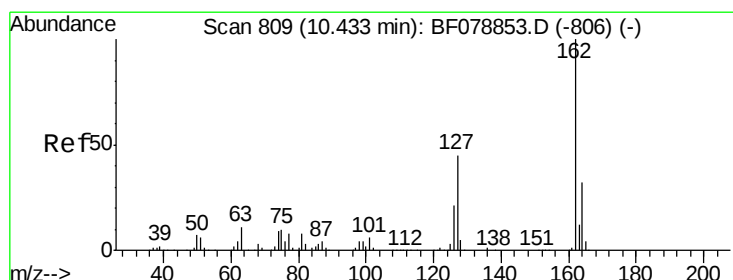
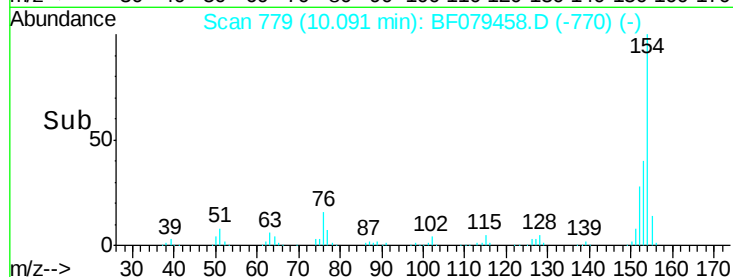
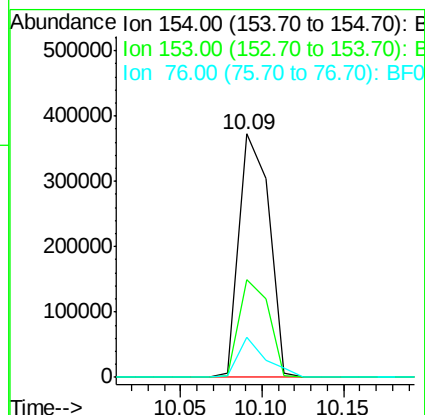
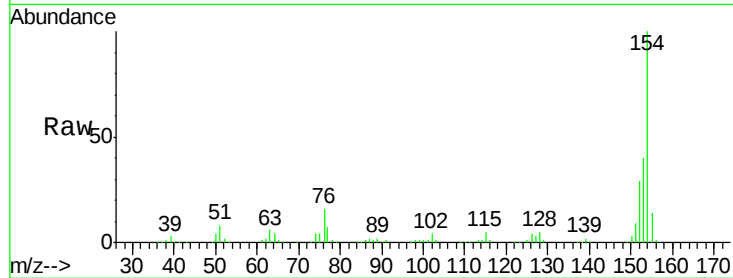
ClientSampleId :

SB-31SMSD

Tot Ion:	154	Resp:	475304
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.7	59.7
76	16.5	0.0	29.1

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#46

2-Chloronaphthalene

Concen: 48.89 ng

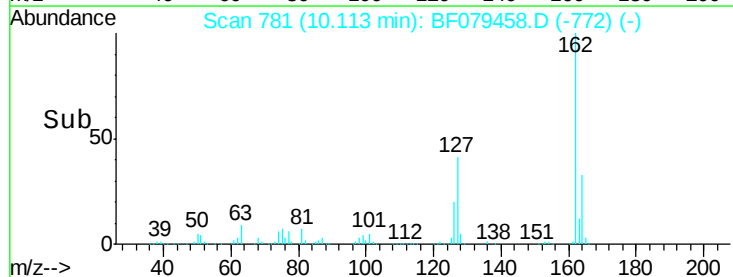
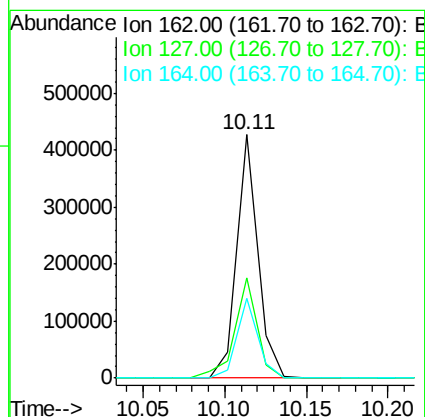
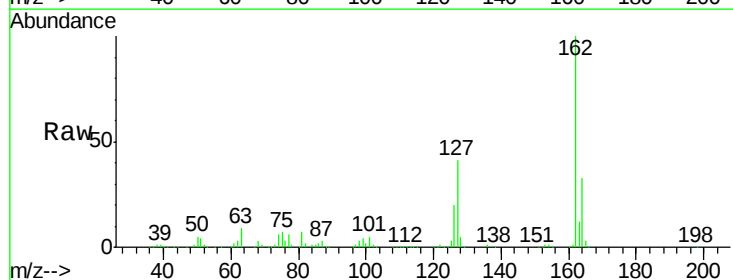
RT: 10.11 min Scan# 781

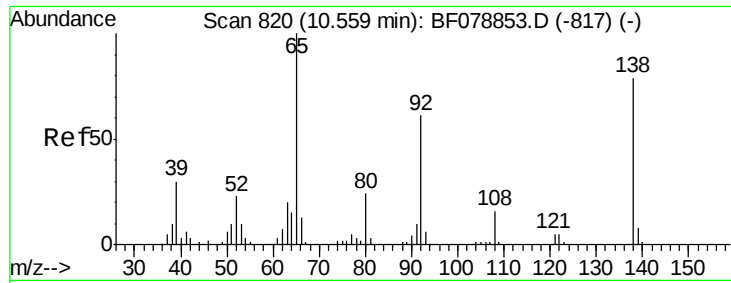
Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	162	Resp:	378716
Ion Ratio	Lower	Upper	
162	100		
127	41.2	36.3	54.5
164	32.7	25.9	38.9





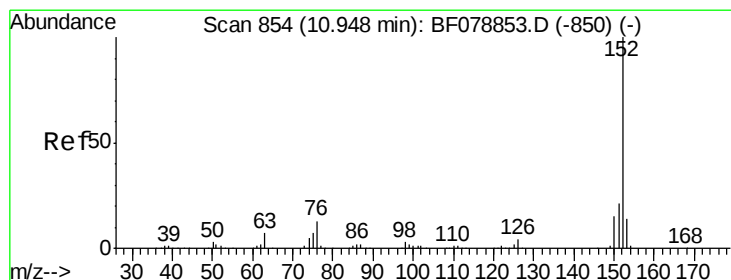
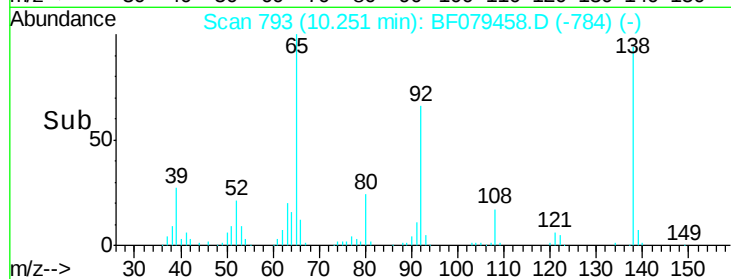
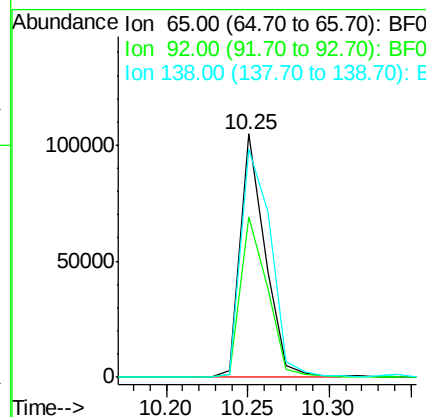
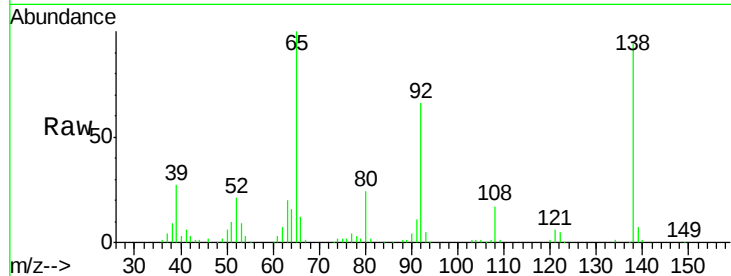
#47
2-Nitroaniline
Concen: 49.23 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110504		
92	66.1	49.1	73.7	
138	93.8	63.2	94.8	

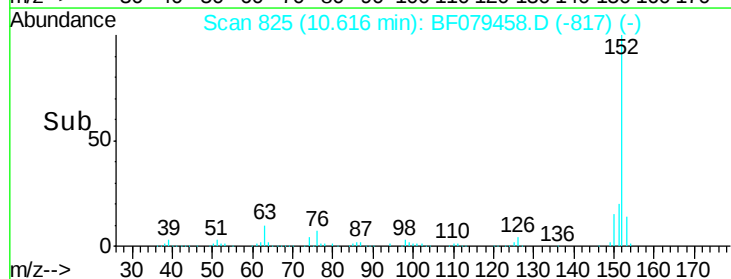
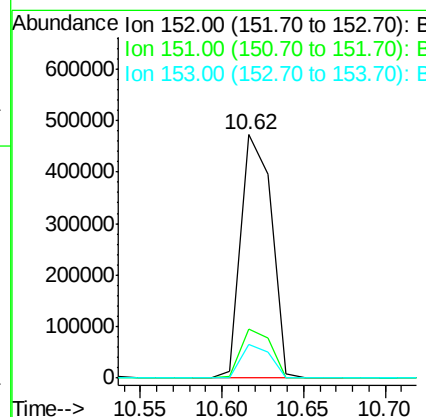
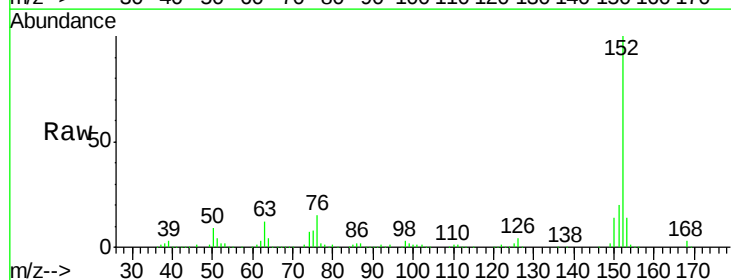
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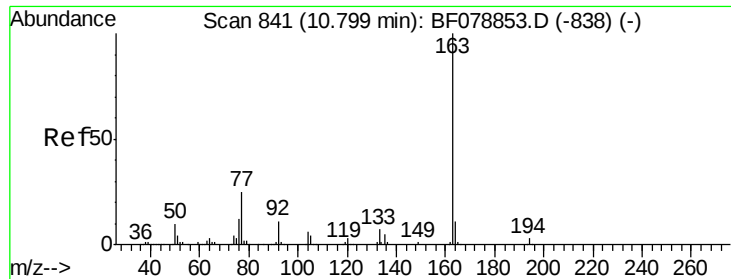
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#48
Acenaphthylene
Concen: 48.15 ng
RT: 10.62 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	612491		
151	20.4	16.6	24.8	
153	14.0	11.0	16.6	





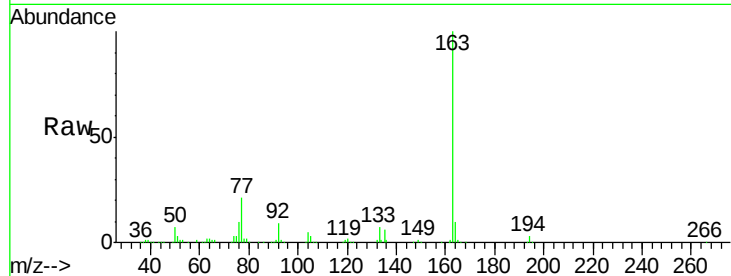
#49
Dimethylphthalate
Concen: 54.92 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

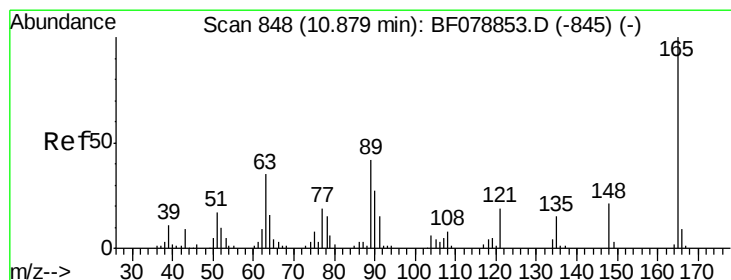
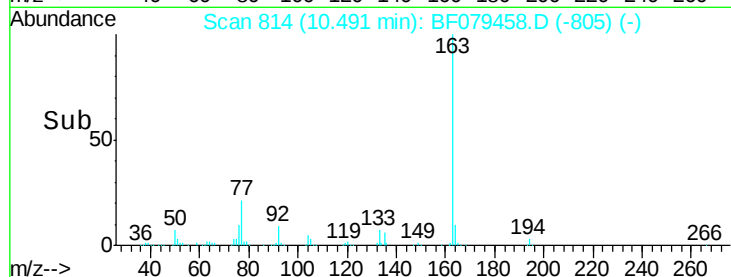
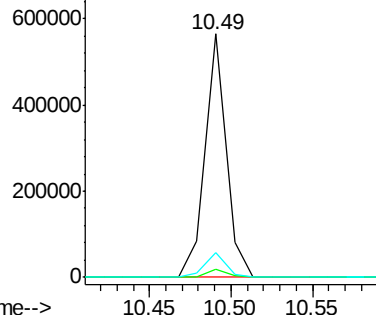
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.4	3.6
164	10.3	8.6	12.8

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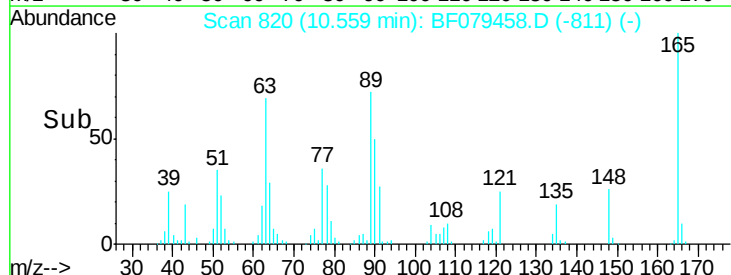
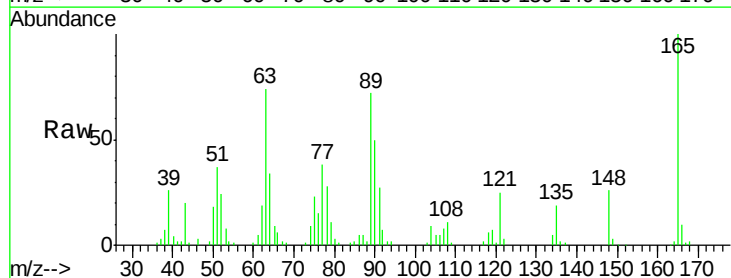
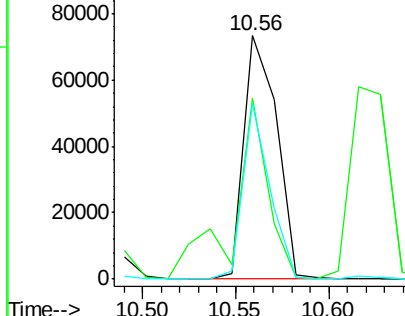
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

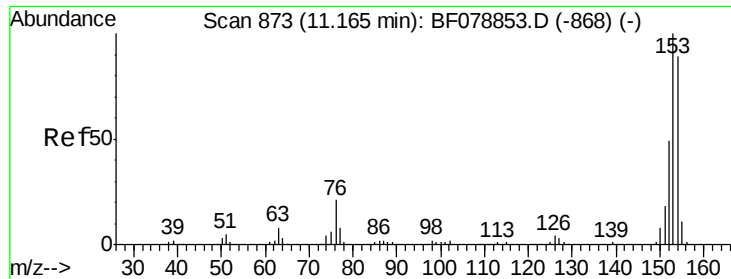


#50
2,6-Dinitrotoluene
Concen: 49.58 ng
RT: 10.56 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	74.1	29.2	43.8#
89	72.4	33.3	49.9#

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





#51

Acenaphthene

Concen: 47.65 ng

RT: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

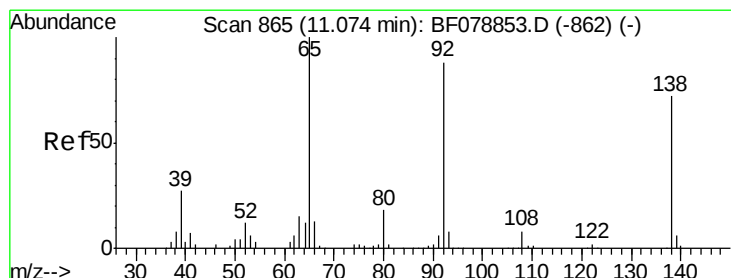
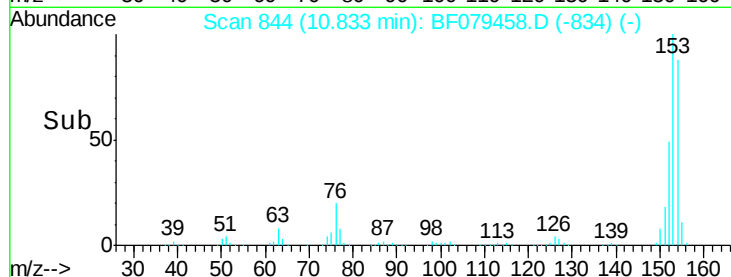
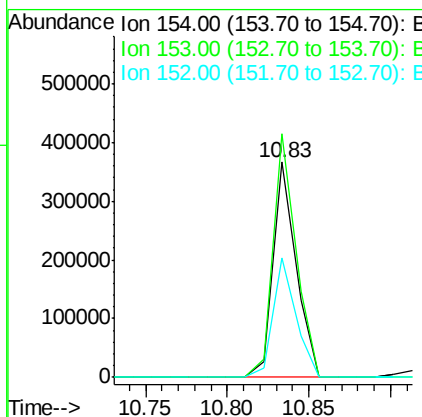
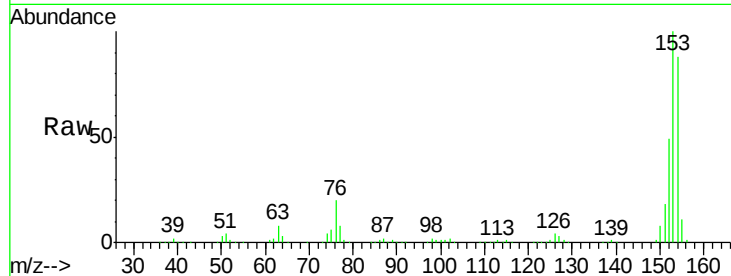
ClientSampled :

SB-31SMSD

Tot Ion:	154	Resp:	361453
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.2	135.2
152	55.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 31.50 ng

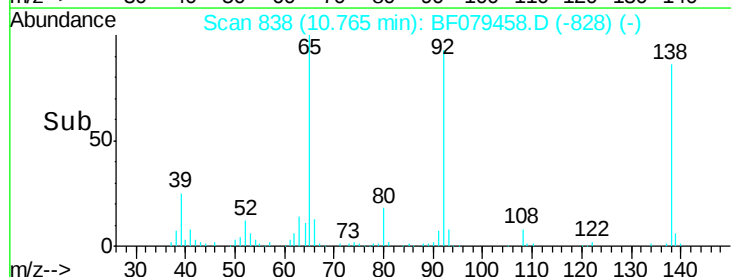
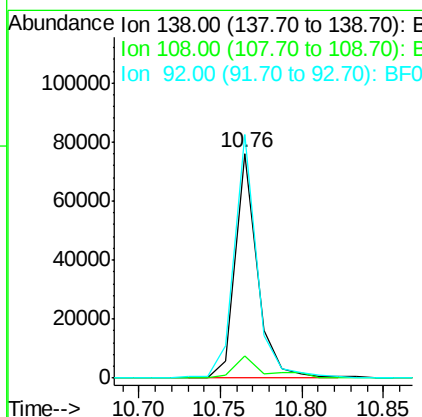
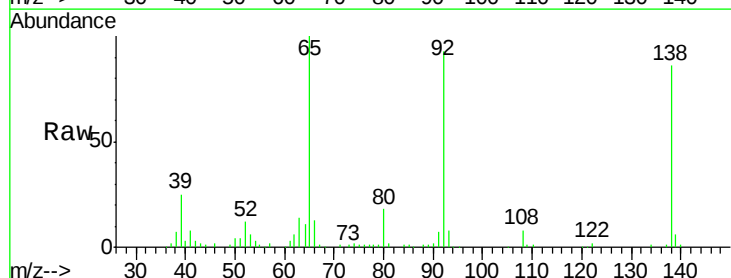
RT: 10.76 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	138	Resp:	71199
Ion Ratio	Lower	Upper	
138	100		
108	9.7	8.5	12.7
92	108.4	97.4	146.0





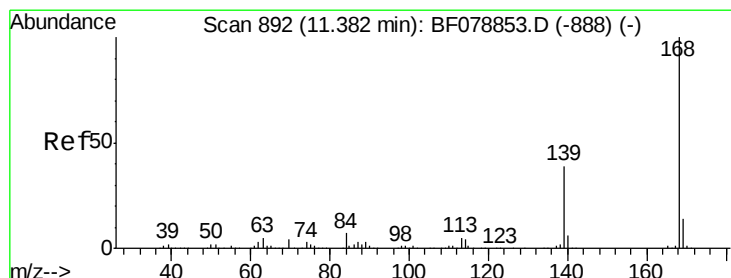
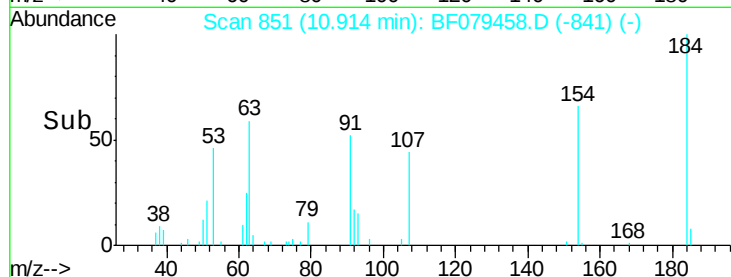
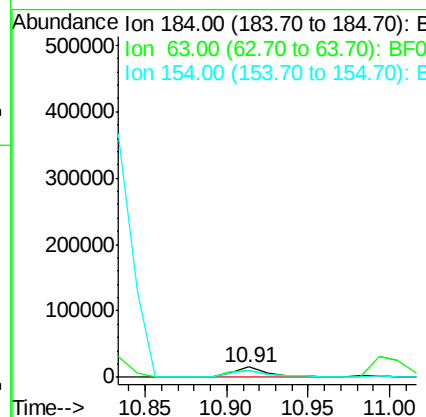
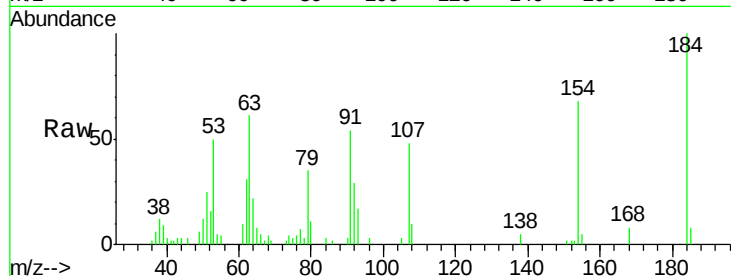
#53
2,4-Dinitrophenol
Concen: 45.90 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.5	98.8	148.2#
154	68.0	63.4	95.0

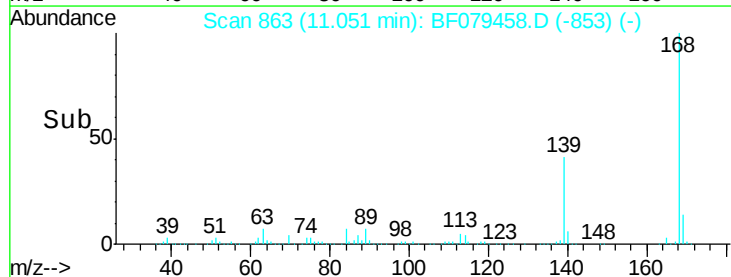
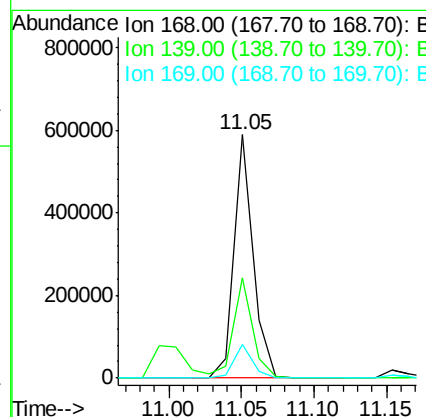
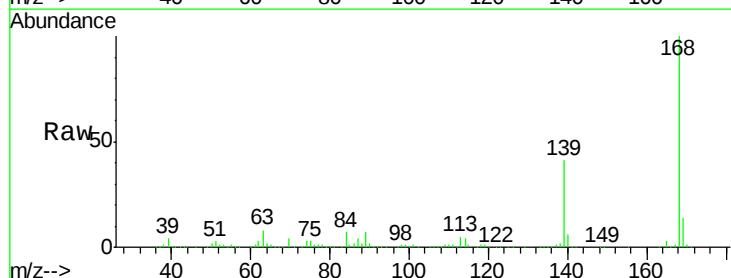
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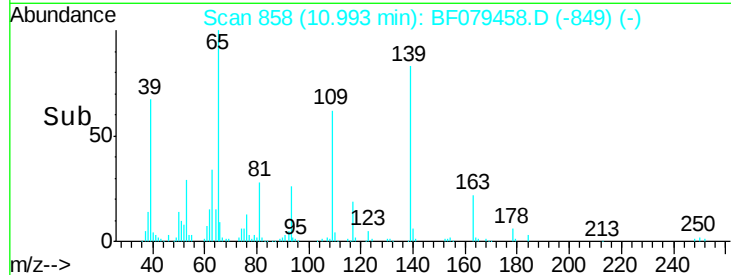
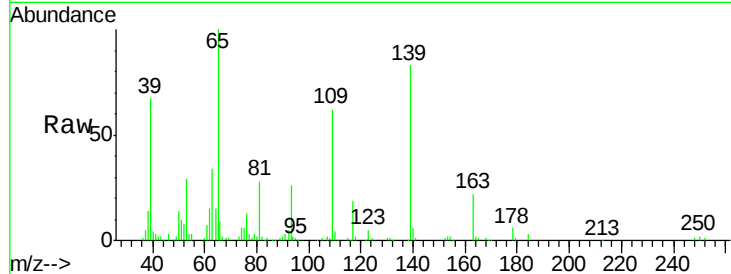
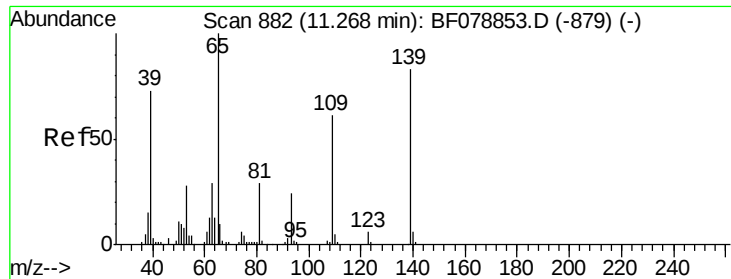
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#54
Dibenzofuran
Concen: 49.06 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.5	47.3
169	13.8	11.0	16.4





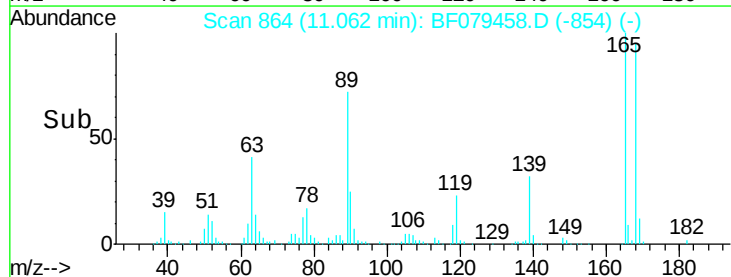
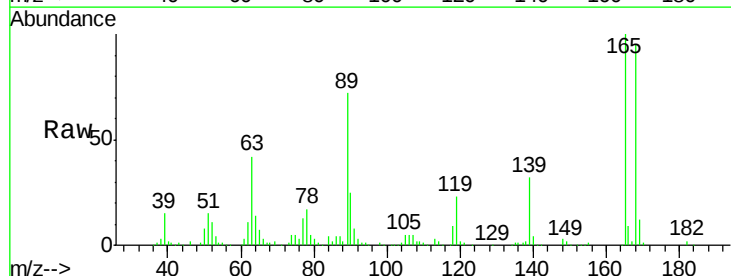
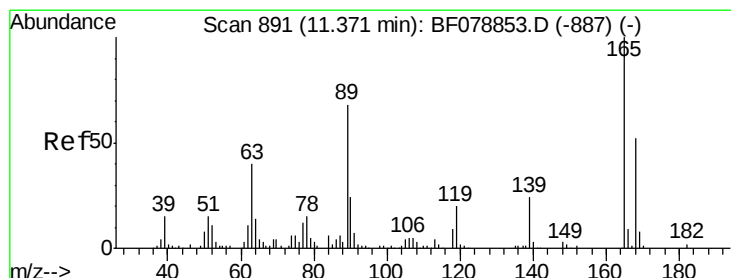
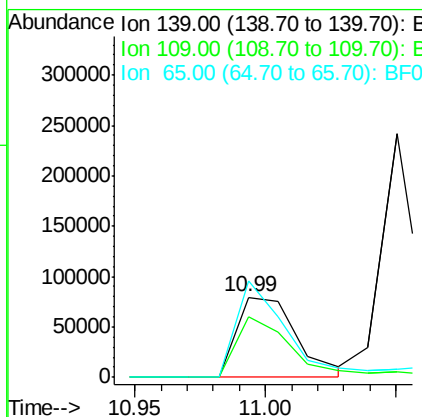
#55
4-Nitrophenol
Concen: 71.13 ng
RT: 10.99 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	75.4	54.4	94.4	
65	120.7	101.0	141.0	

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

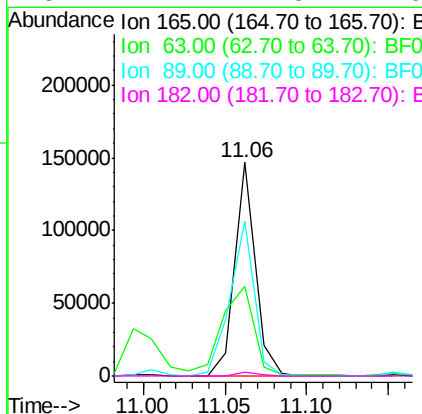
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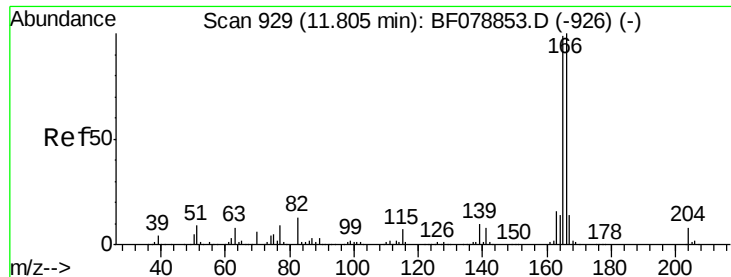
apatel
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#56
2,4-Dinitrotoluene
Concen: 53.22 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.0	32.3	48.5	
89	72.3	54.6	81.8	
182	2.1	1.8	2.6	





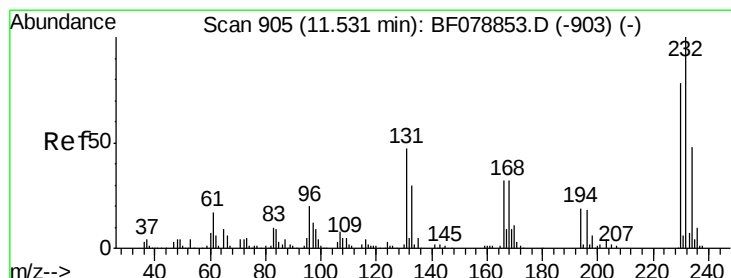
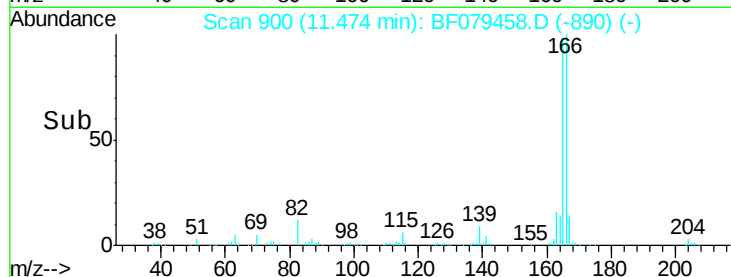
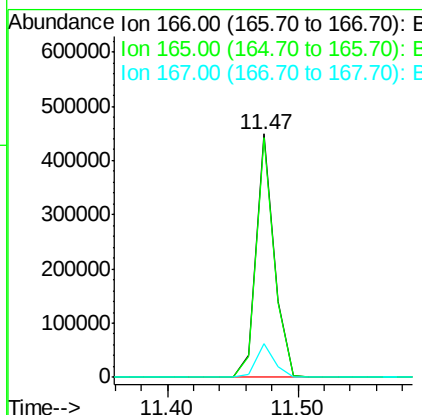
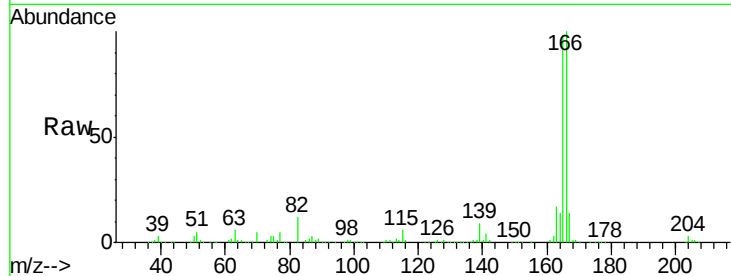
#57
Fluorene
Concen: 48.39 ng
RT: 11.47 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
435133	166	100			
	165	98.3	79.5	119.3	
	167	13.7	11.0	16.6	

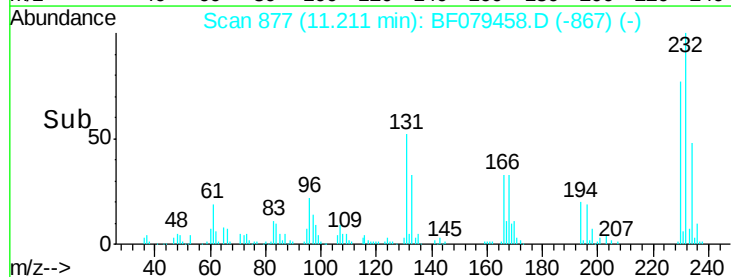
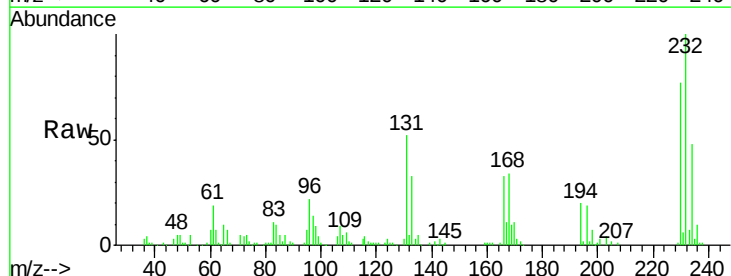
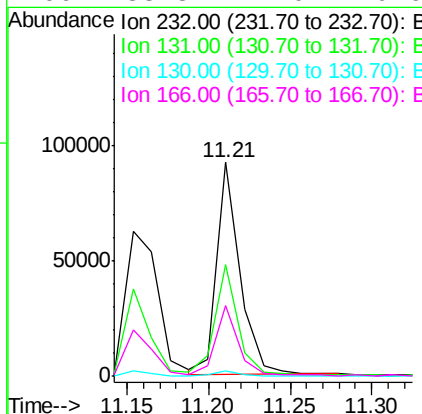
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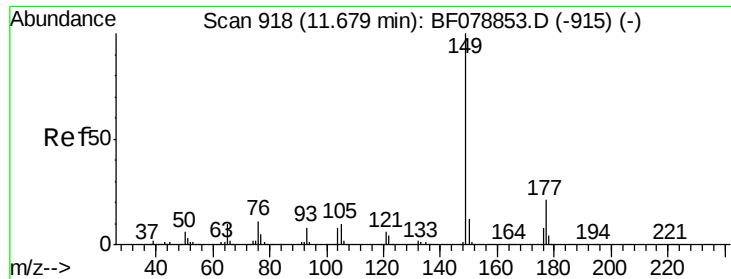
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#58
2,3,4,6-Tetrachlorophenol
Concen: 45.56 ng
RT: 11.21 min Scan# 877
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91041	232	100			
	131	51.8	41.9	62.9	
	130	2.7	1.9	2.9	
	166	33.8	27.0	40.6	





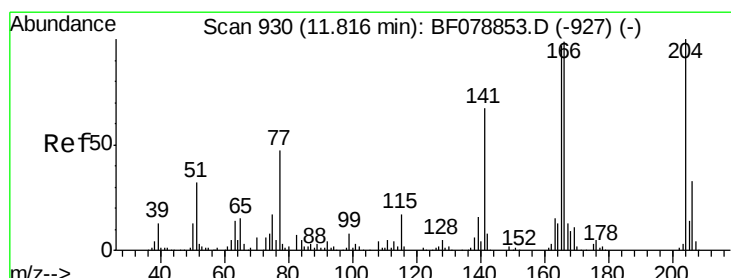
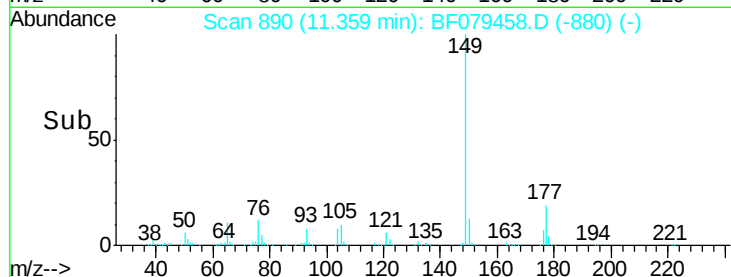
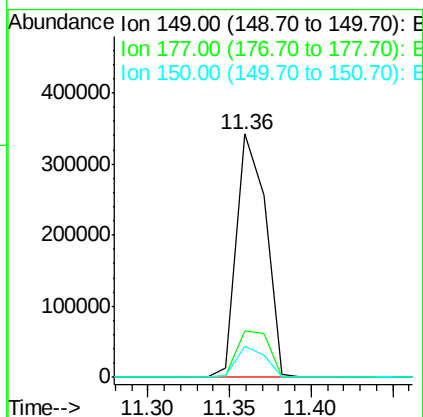
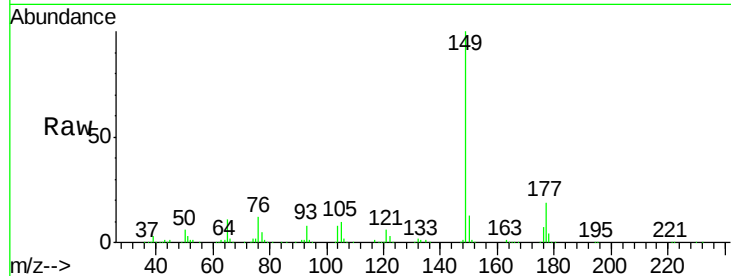
#59
Diethylphthalate
Concen: 46.51 ng
RT: 11.36 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.0	16.4	24.6
150	12.8	9.8	14.6

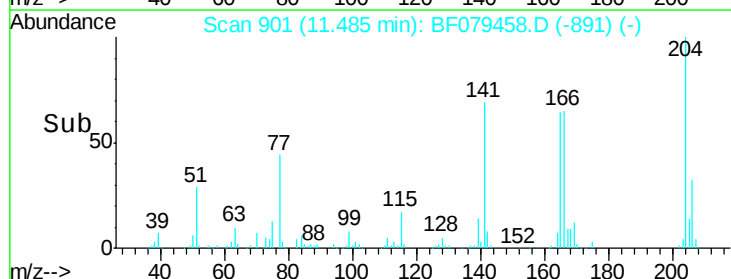
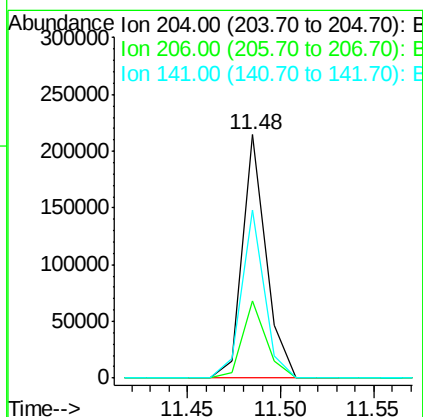
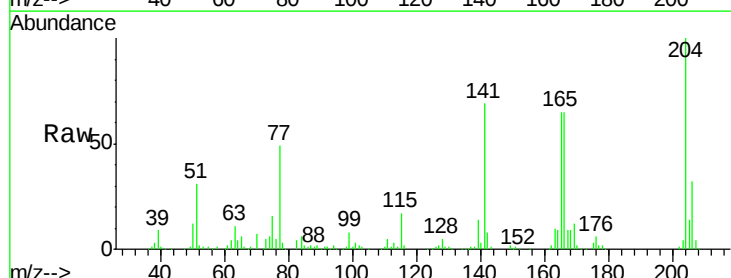
Manual Integrations
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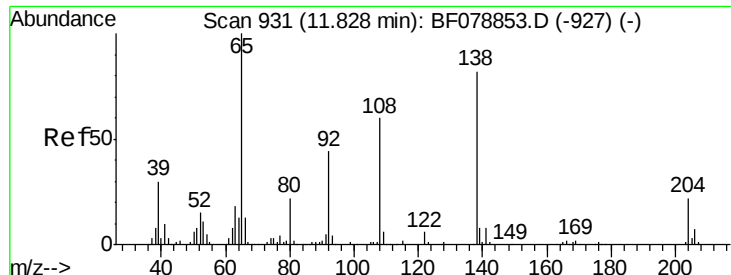
apatel
5/27/2015 8:17:31 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.68 ng
RT: 11.48 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.4
141	69.1	53.6	80.4





#61

4-Nitroaniline

Concen: 40.57 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

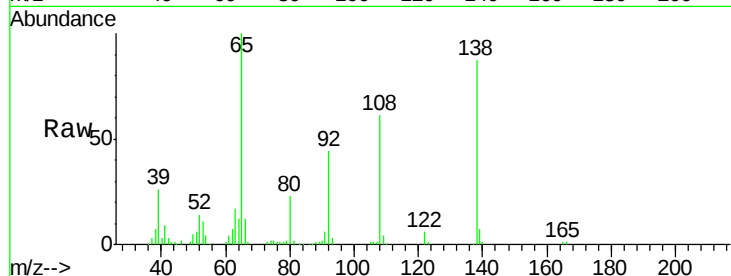
ClientSampleId :

SB-31SMSD

Tot Ion:	138	Resp:	91740
Ion	Ratio	Lower	Upper
138	100		
92	50.9	33.7	73.7
108	69.5	53.4	93.4

Manual Integrations
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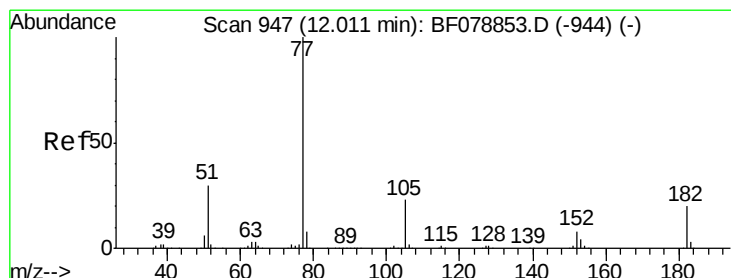
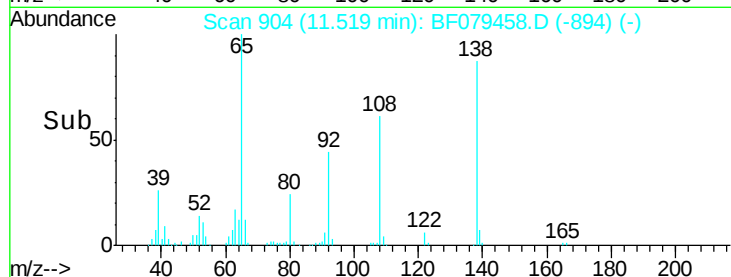
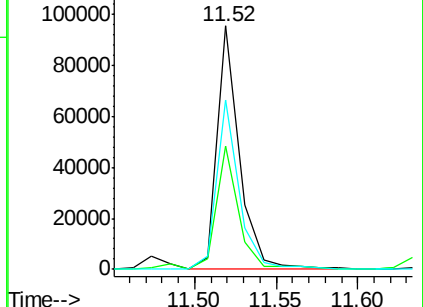
apatel
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.66 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

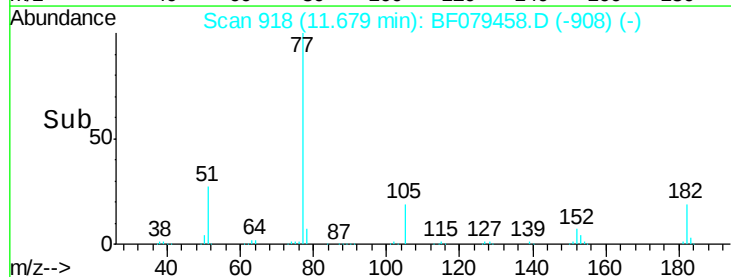
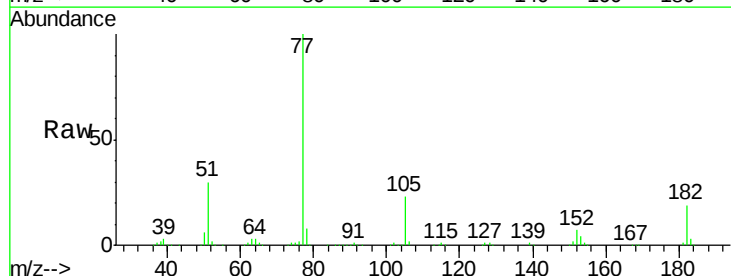
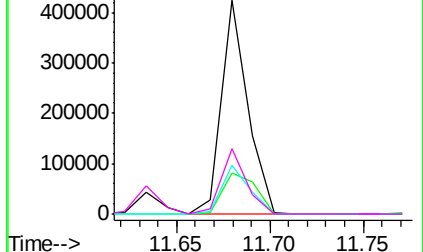
Tgt Ion:	77	Resp:	417613
Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	40.0
105	22.6	2.9	42.9
51	30.3	10.0	50.0

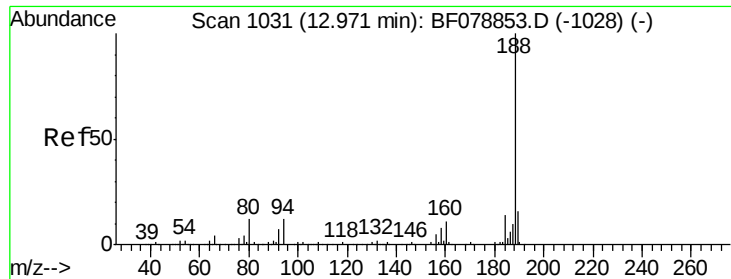
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





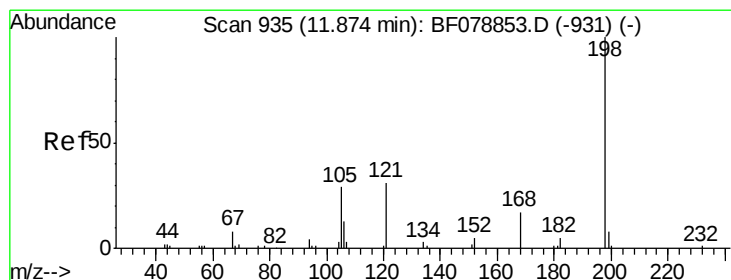
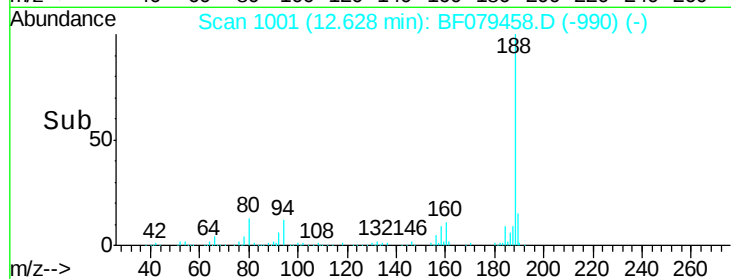
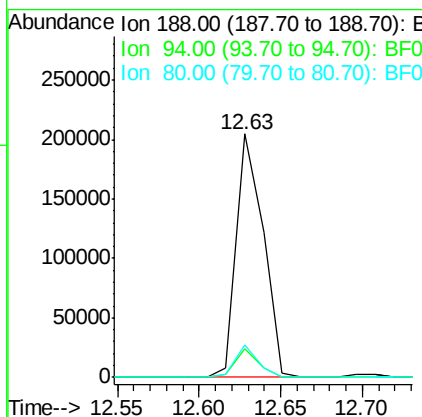
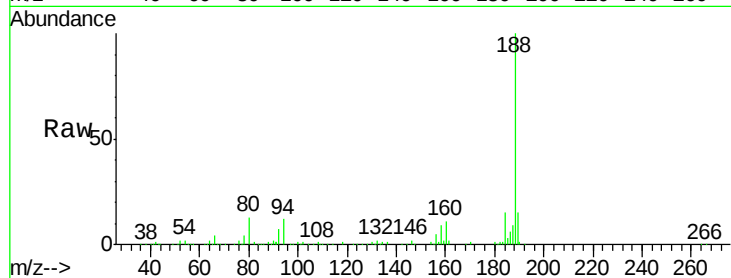
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion:	188	Resp:	232910
Ion Ratio		Lower	Upper
188	100		
94	11.9	9.4	14.0
80	13.1	9.8	14.6

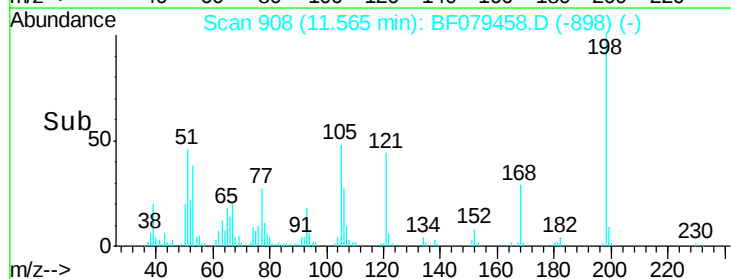
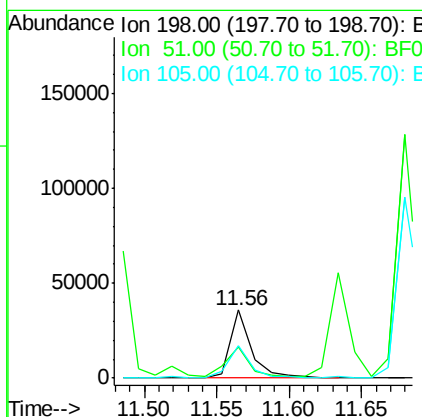
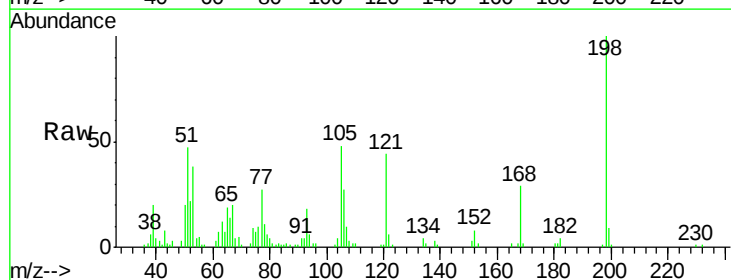
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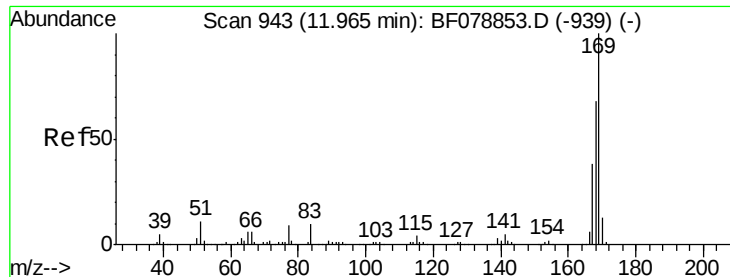
apatel
5/27/2015 8:17:31 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 40.57 ng
RT: 11.56 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:	198	Resp:	36896
Ion Ratio		Lower	Upper
198	100		
51	46.6	7.0	47.0
105	48.0	13.7	53.7





#65

n-Nitrosodiphenylamine

Concen: 47.10 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

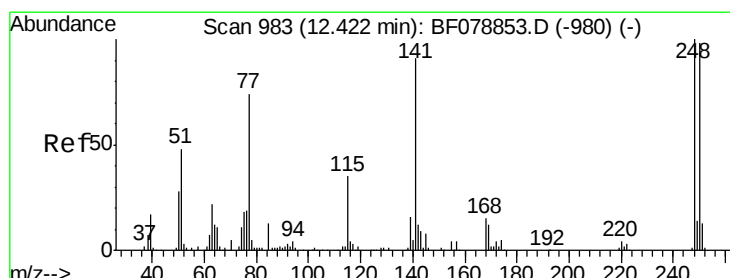
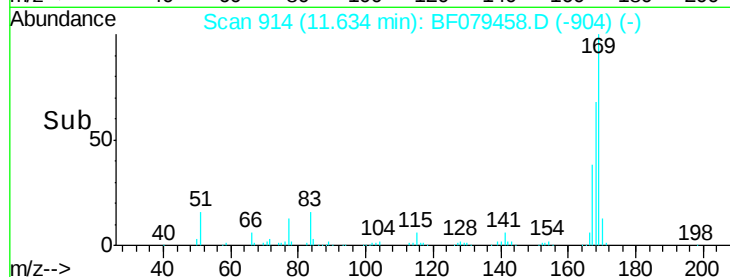
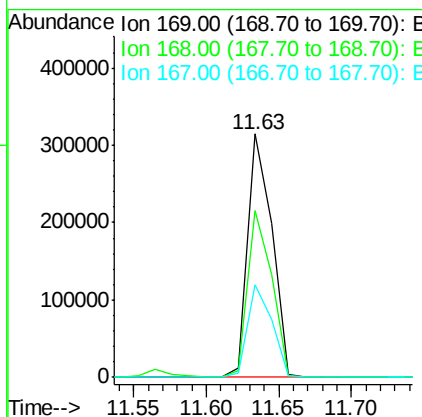
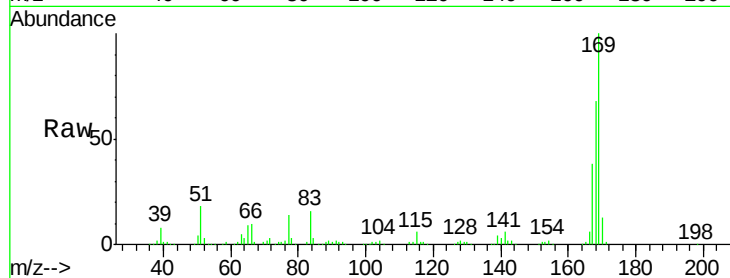
ClientSampleId :

SB-31SMSD

Tot Ion:	169	Resp:	365360
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.1	81.1
167	37.9	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 49.05 ng

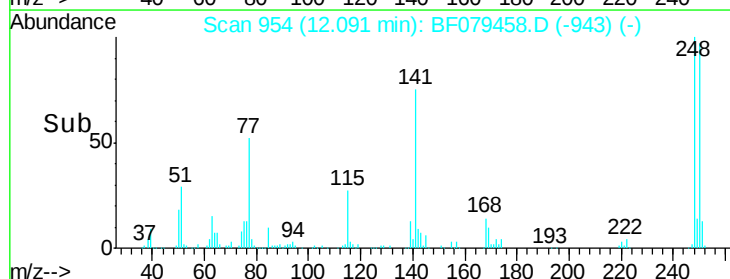
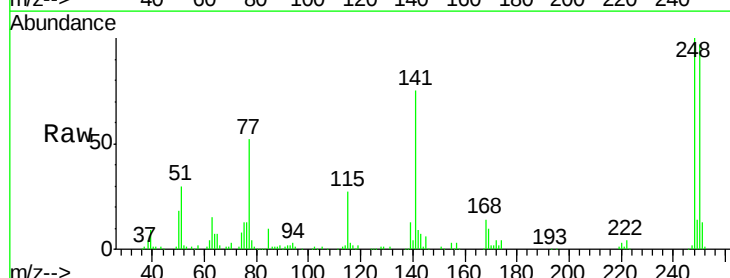
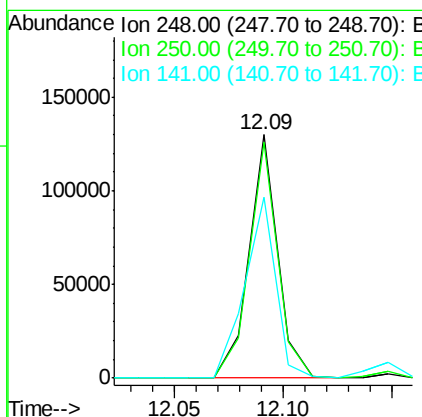
RT: 12.09 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	248	Resp:	119083
Ion Ratio	Lower	Upper	
248	100		
250	97.0	78.0	117.0
141	74.6	72.6	109.0





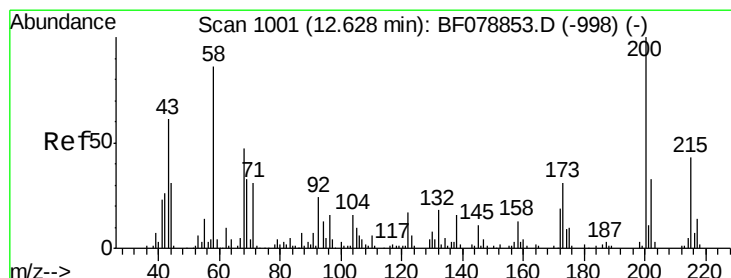
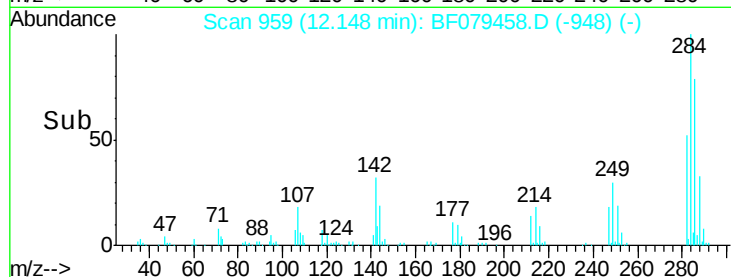
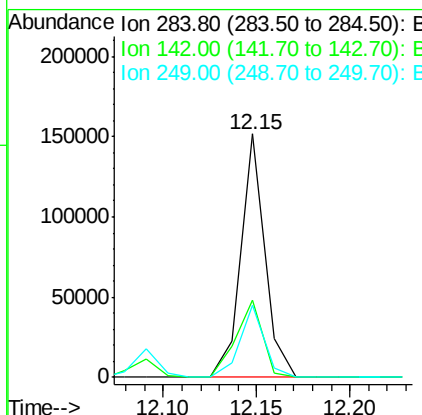
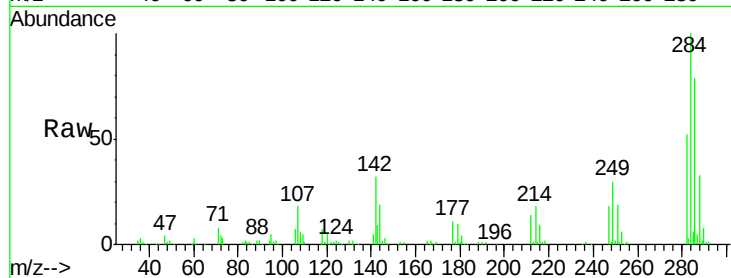
#67
Hexachlorobenzene
Concen: 49.22 ng
RT: 12.15 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.9	43.2	64.8#
249	29.7	27.5	41.3

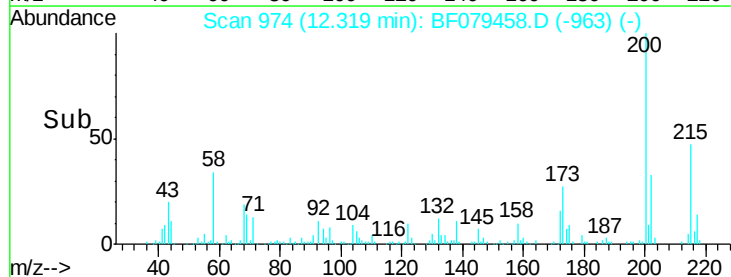
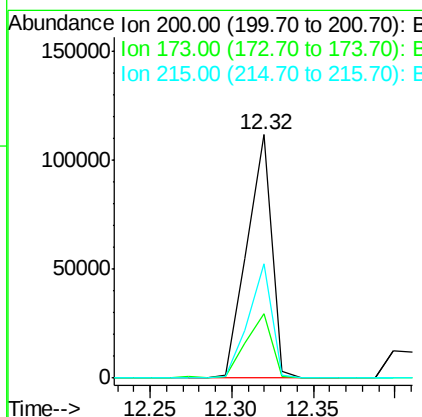
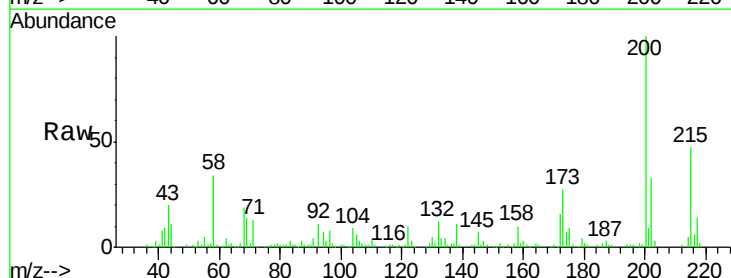
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#68
Atrazine
Concen: 51.88 ng
RT: 12.32 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	26.7	10.9	50.9
215	46.9	23.2	63.2





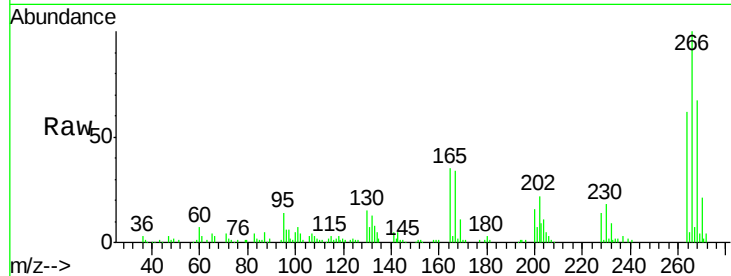
#69
 Pentachlorophenol
 Concen: 68.32 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

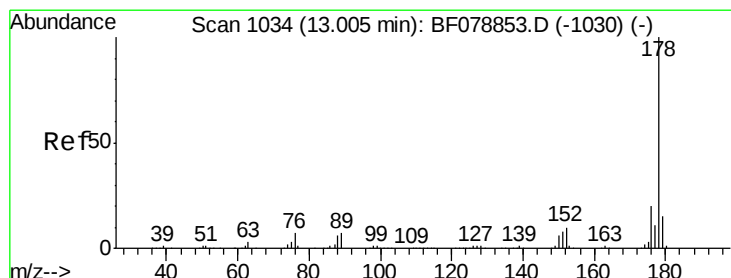
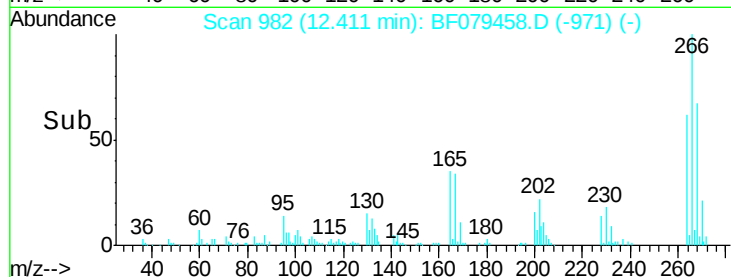
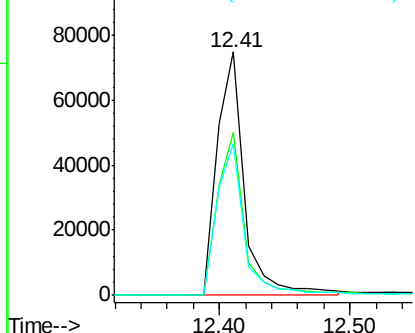
Tot Ion	Ratio	Resp	Lower	Upper
266	100	109134		
268	67.0	55.0	82.6	
264	62.0	50.9	76.3	

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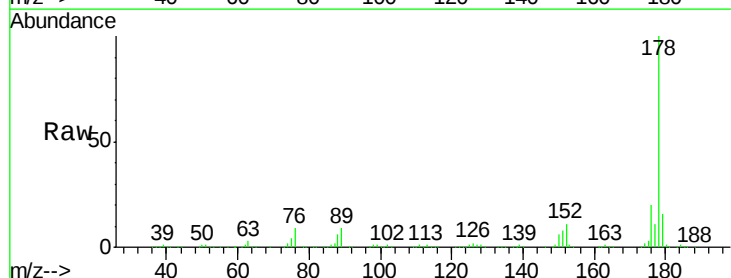


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

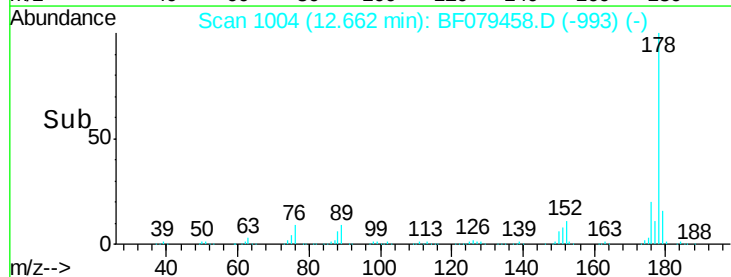
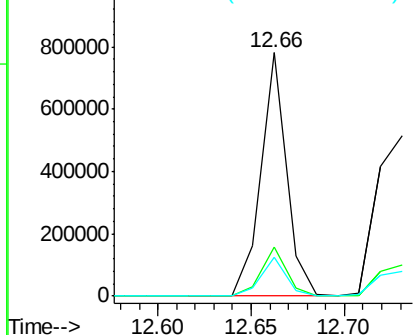


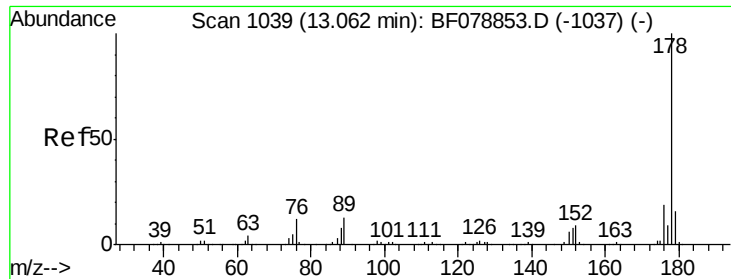
#70
 Phenanthrene
 Concen: 56.73 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	739152		
176	20.0	15.9	23.9	
179	16.1	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





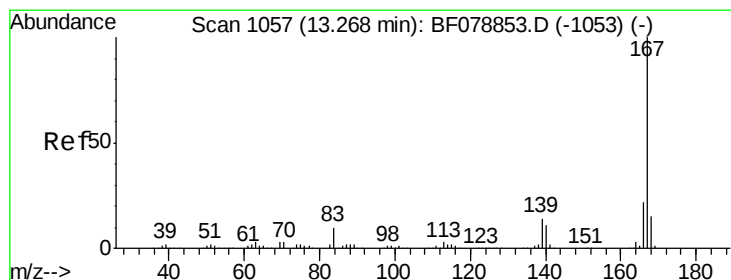
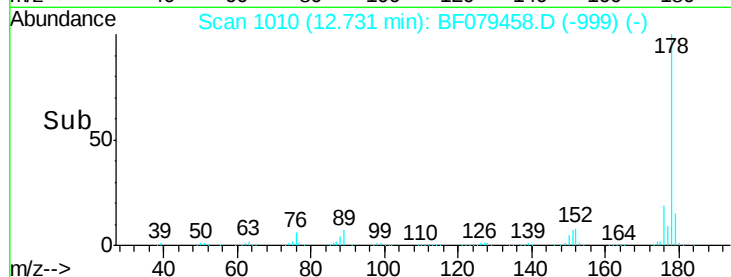
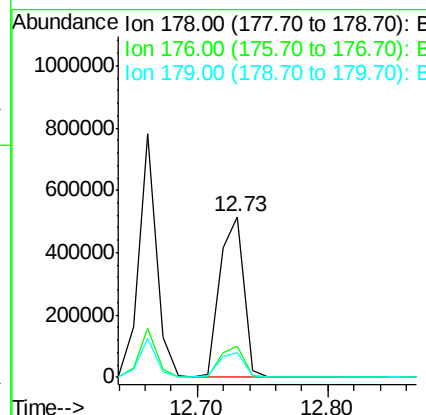
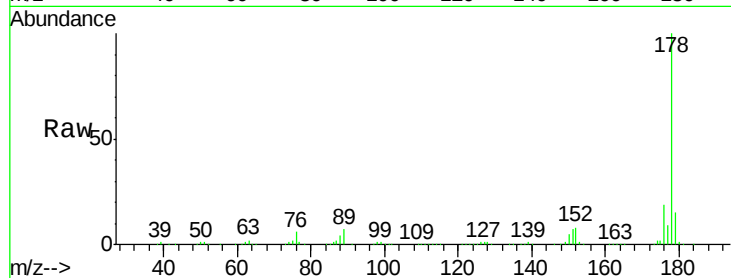
#71
 Anthracene
 Concen: 52.14 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.0	12.6	19.0

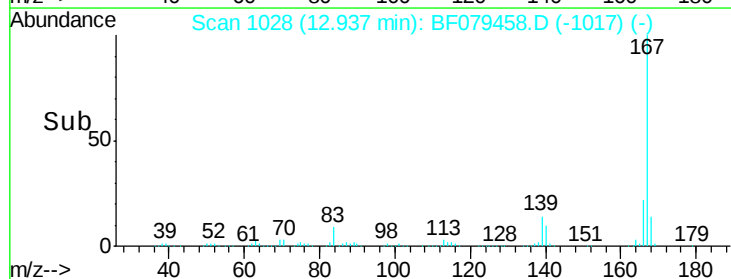
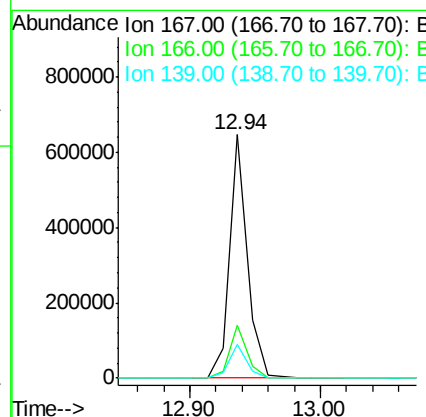
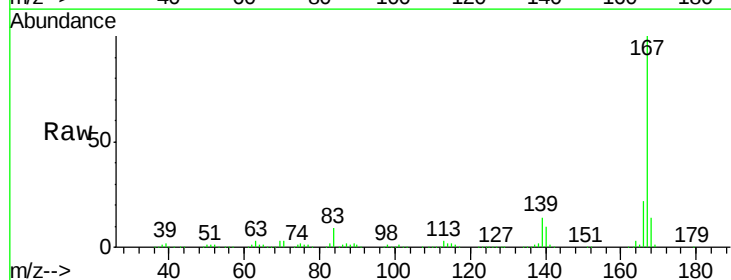
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#72
 Carbazole
 Concen: 50.62 ng
 RT: 12.94 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	14.0	11.0	16.4





#73

Di-n-butylphthalate

Concen: 49.60 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

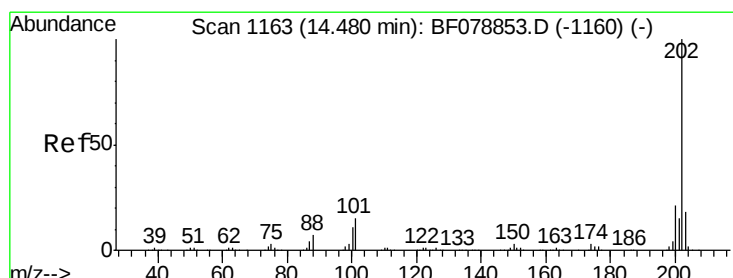
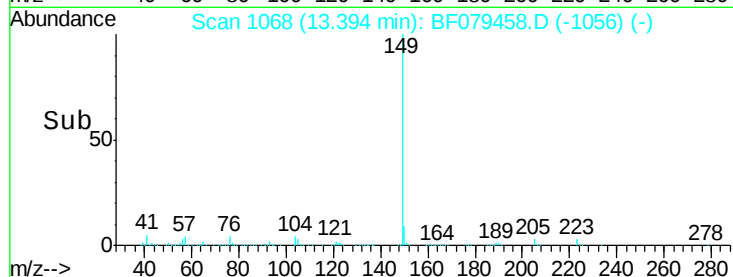
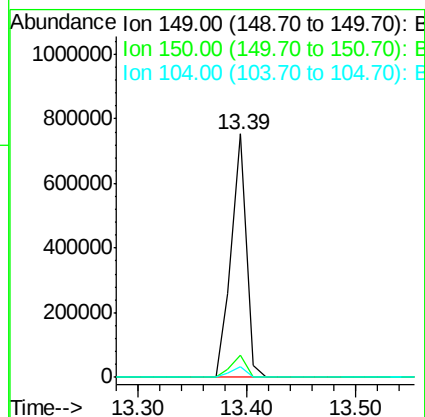
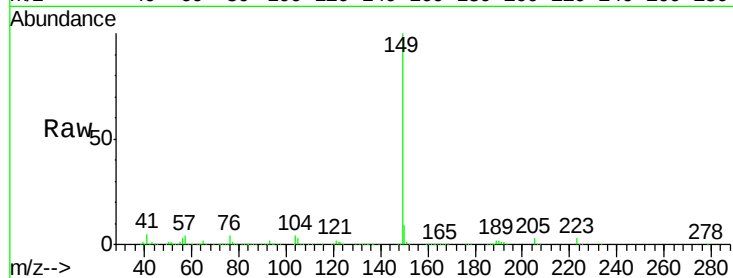
ClientSampleId :

SB-31SMSD

Tot Ion:	149	Resp:	724653
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.0	10.4
104	4.1	3.3	4.9

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#74

Fluoranthene

Concen: 59.37 ng

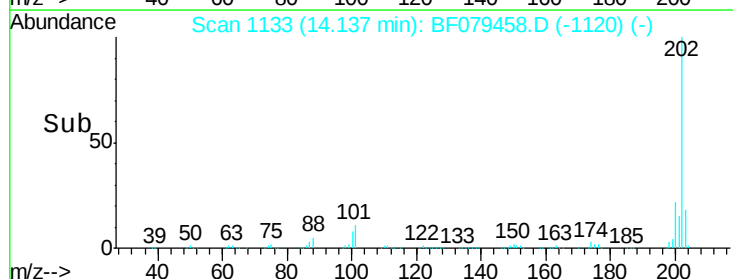
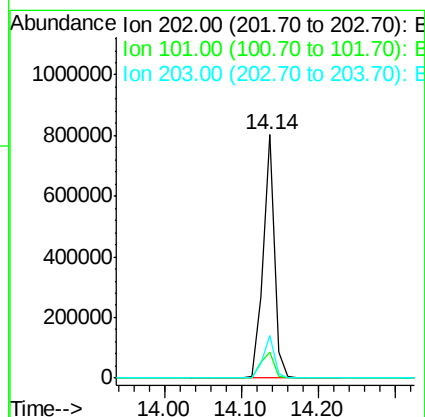
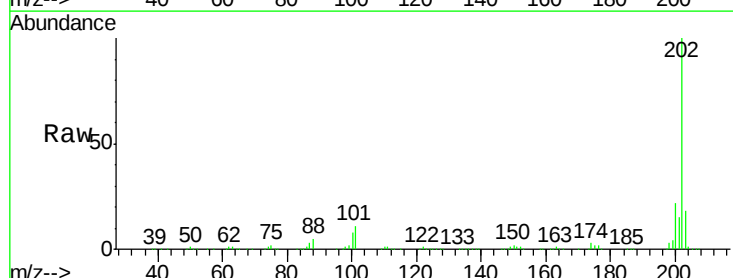
RT: 14.14 min Scan# 1133

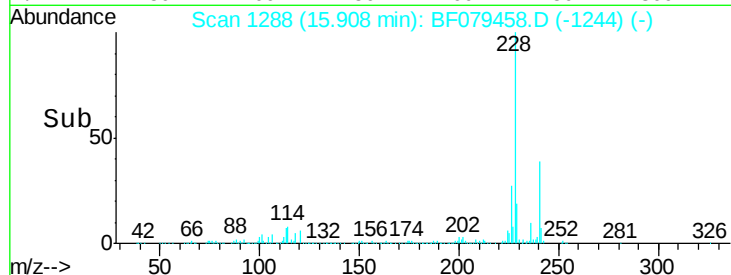
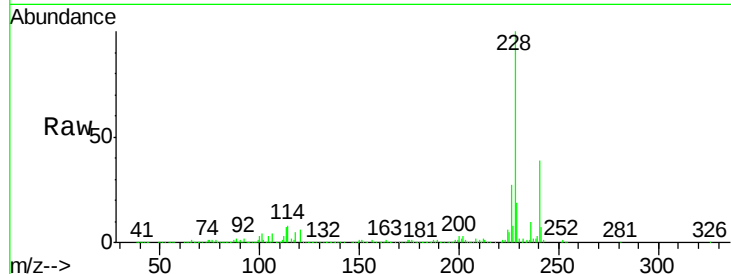
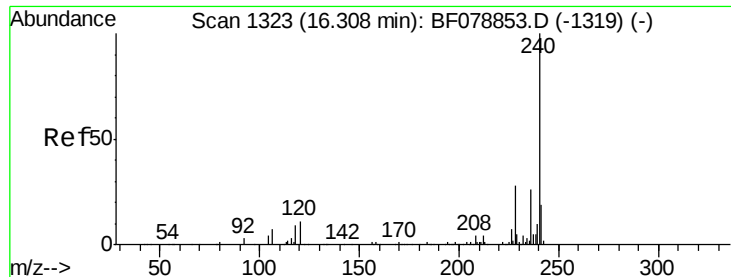
Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion:	202	Resp:	806037
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.7
203	17.8	0.0	37.9





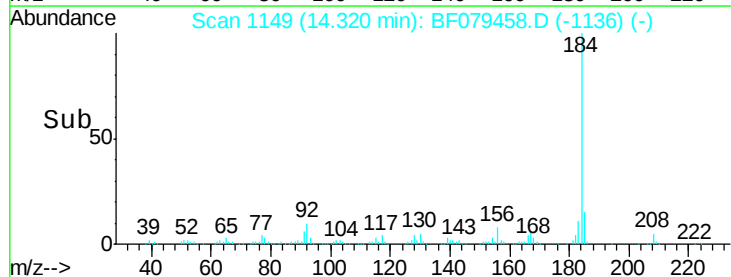
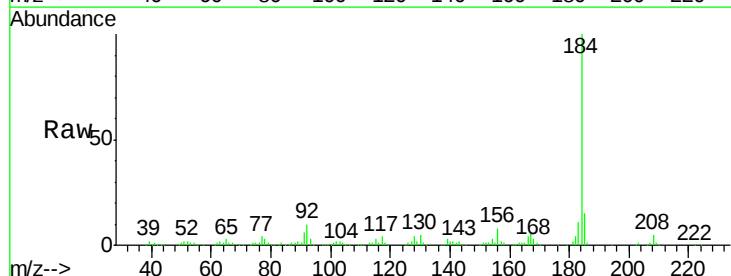
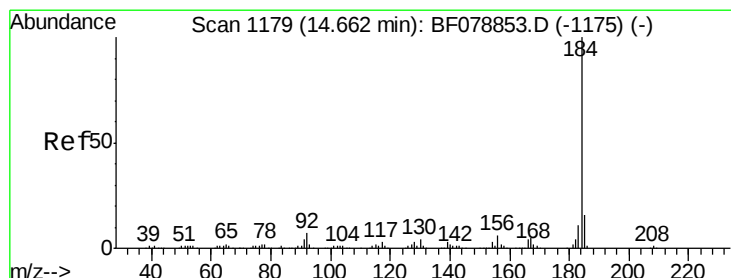
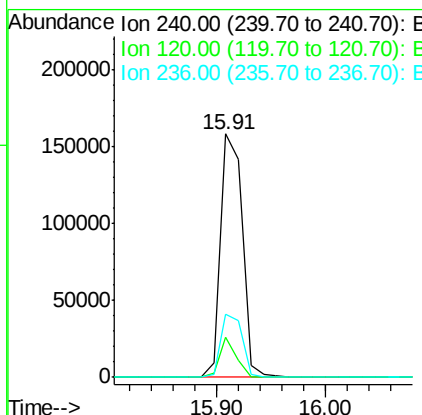
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	220246		
120	16.4	8.6	12.8#	
236	26.2	21.0	31.6	

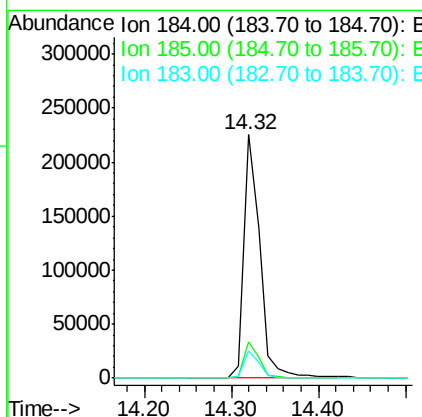
Manual Integrations
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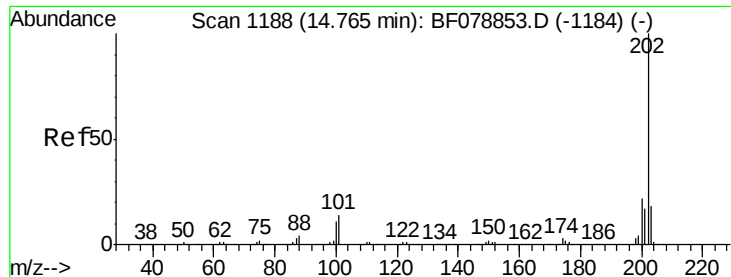
apatel
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#76
Benzidine
Concen: 48.53 ng
RT: 14.32 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	288079		
185	15.1	12.8	19.2	
183	11.0	9.0	13.4	





#77

Pvrene

Concen: 62.48 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Instrument :

BNA_F

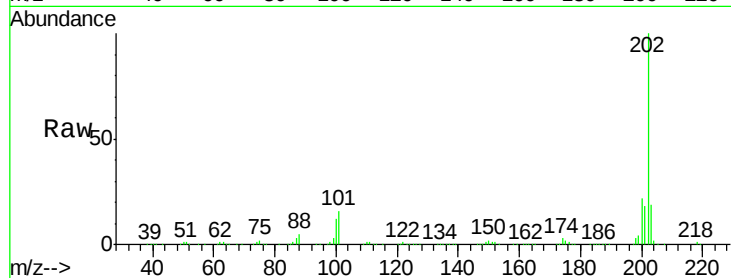
ClientSampleId :

SB-31SMSD

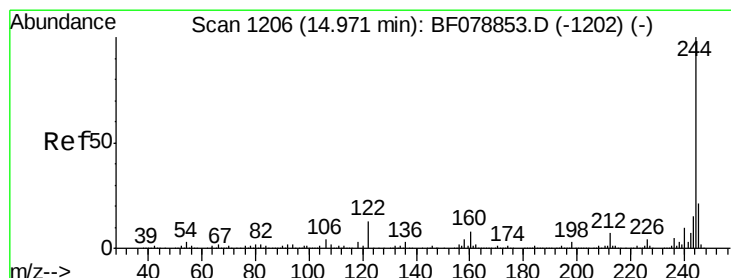
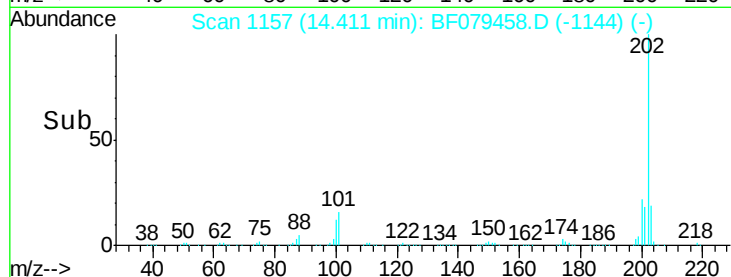
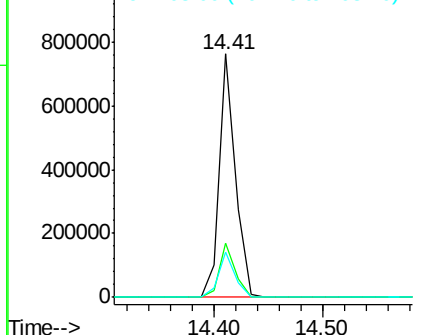
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		792931		
200	22.1	17.5	26.3		
203	18.7	14.7	22.1		

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



#78

Terphenyl-d14

Concen: 94.53 ng

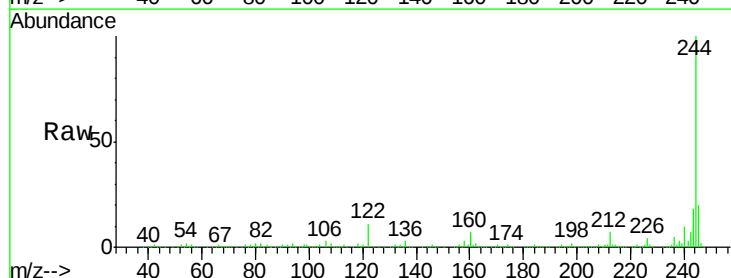
RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

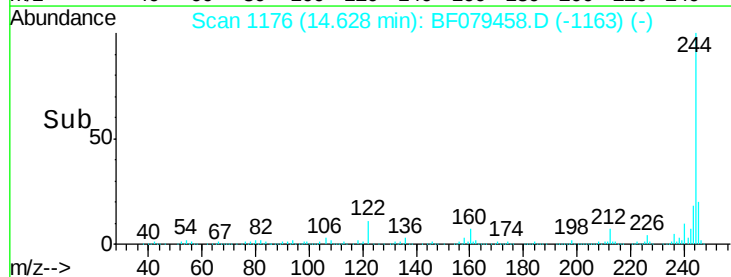
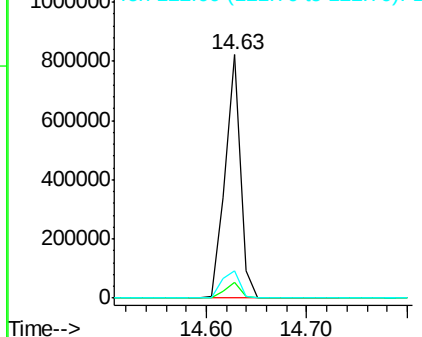
Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		869648		
212	6.6	5.6	8.4		
122	11.0	10.5	15.7		



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





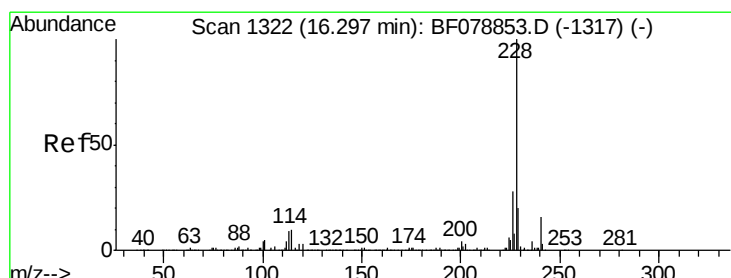
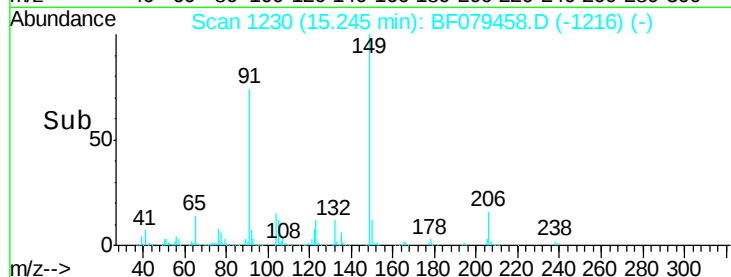
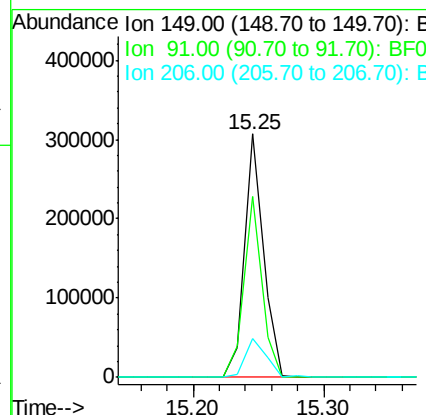
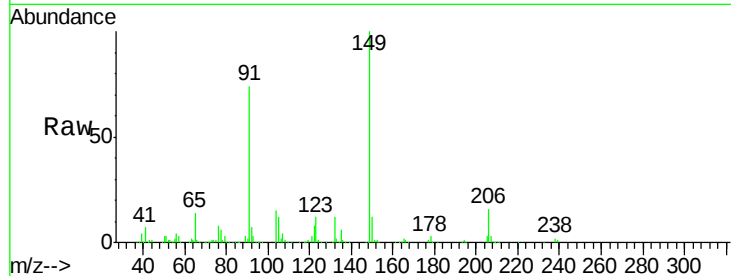
#79
Butylbenzylphthalate
Concen: 55.50 ng
RT: 15.25 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	307877		
91	74.2	56.2	84.2	
206	16.0	15.2	22.8	

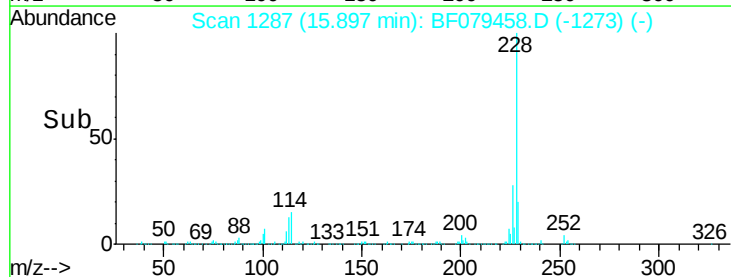
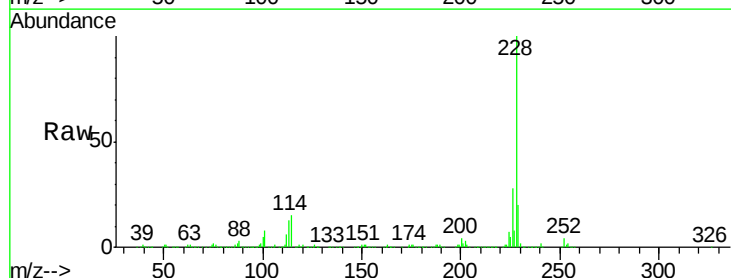
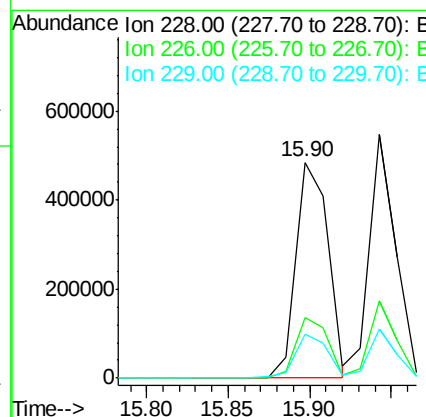
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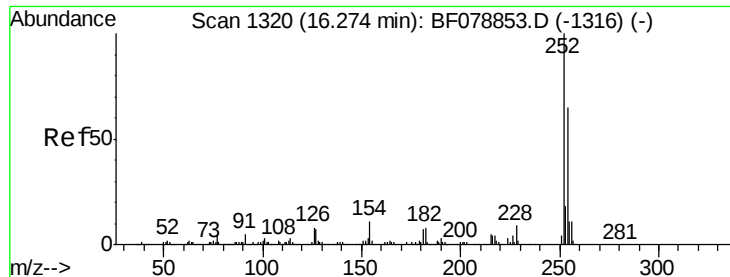
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#80
Benzo(a)anthracene
Concen: 55.02 ng
RT: 15.90 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	663540		
226	28.3	22.3	33.5	
229	20.5	16.1	24.1	





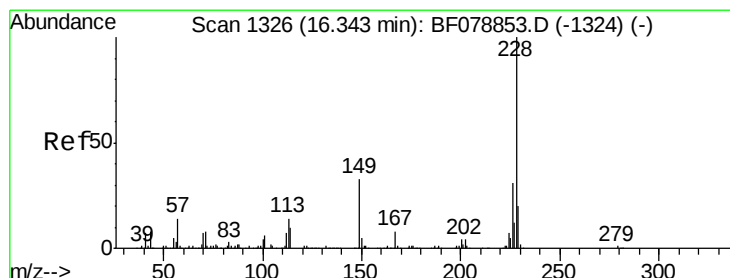
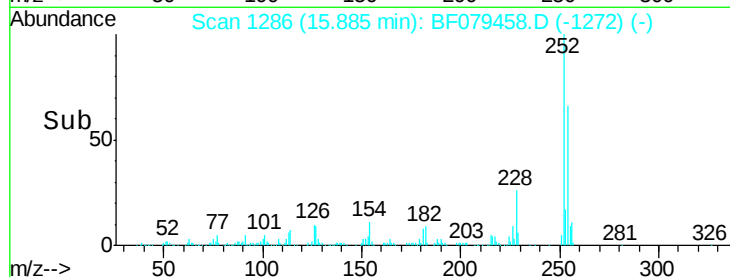
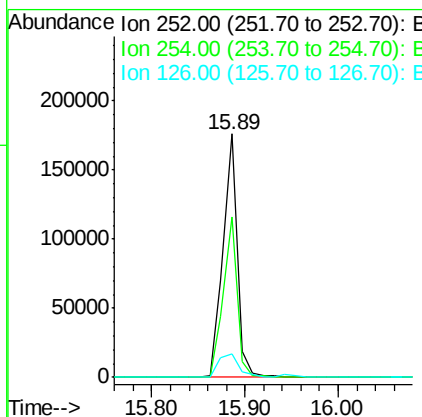
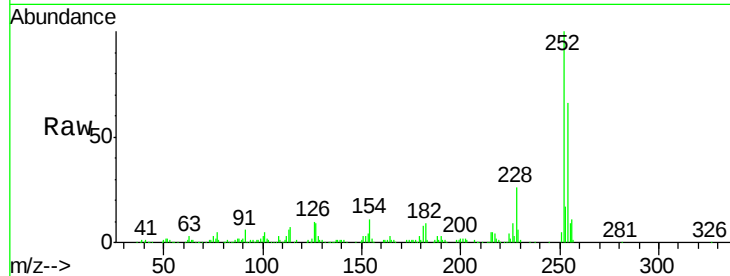
#81
 3,3'-Dichlorobenzidine
 Concen: 43.89 ng
 RT: 15.89 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.2	78.2
126	9.8	6.6	9.8

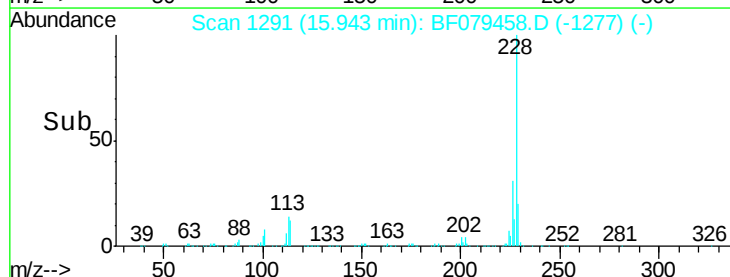
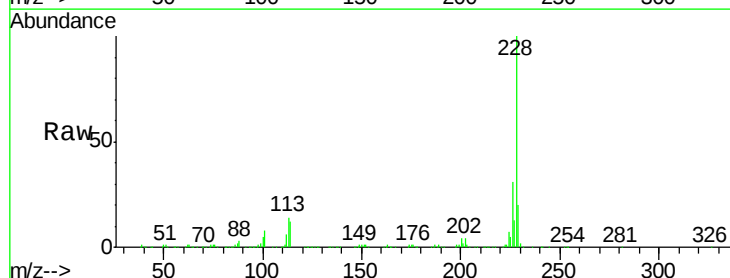
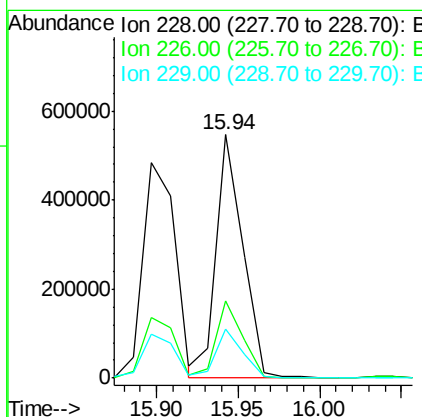
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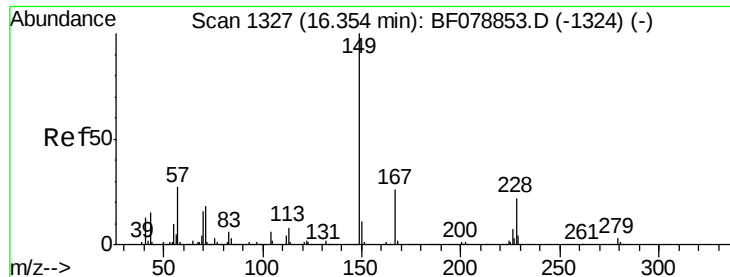
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#82
 Chrysene
 Concen: 53.27 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.2	16.1	24.1





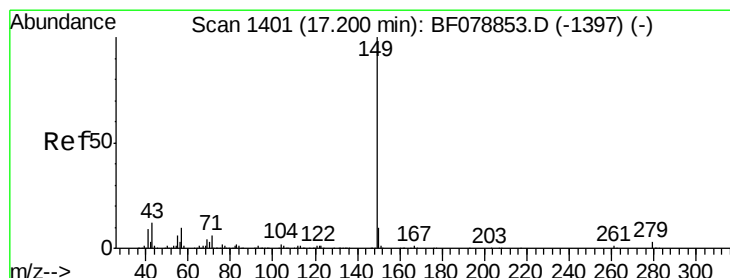
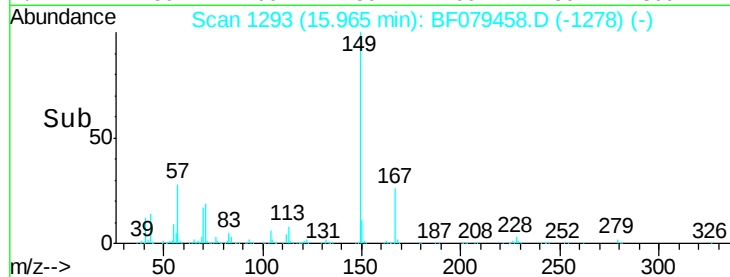
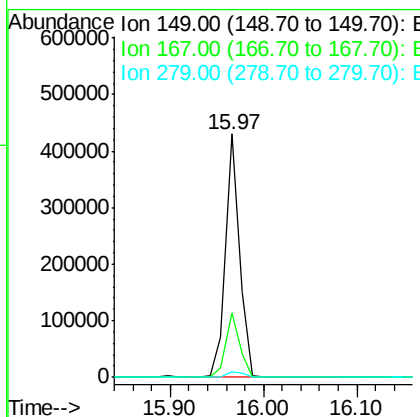
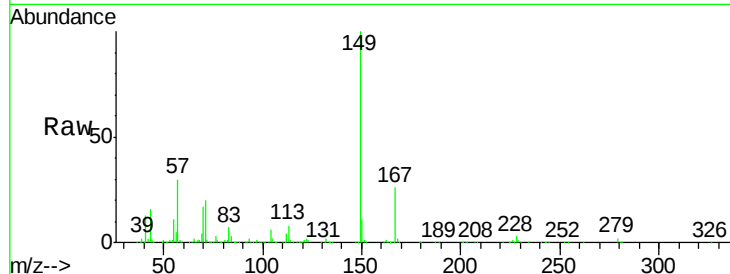
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.01 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	453877		
167	26.3	21.2	31.8	
279	2.4	2.6	4.0	

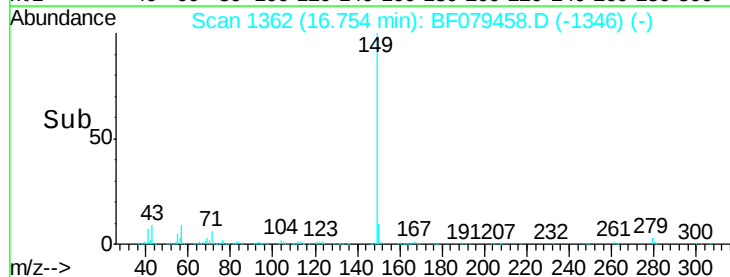
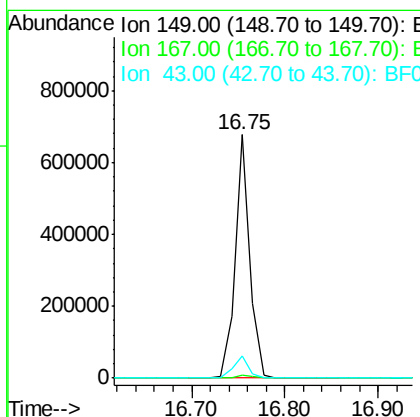
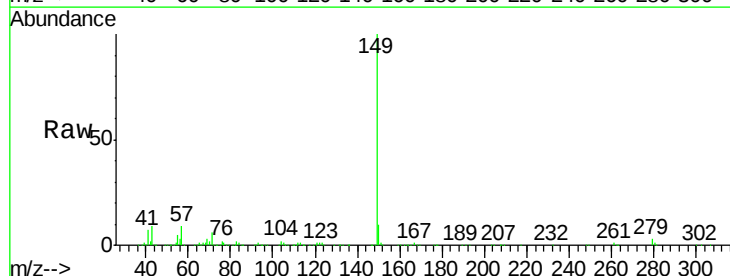
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#84
 Di-n-octyl phthalate
 Concen: 49.84 ng
 RT: 16.75 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF079458.D
 Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	737606		
167	1.4	1.2	1.8	
43	9.5	9.0	13.6	





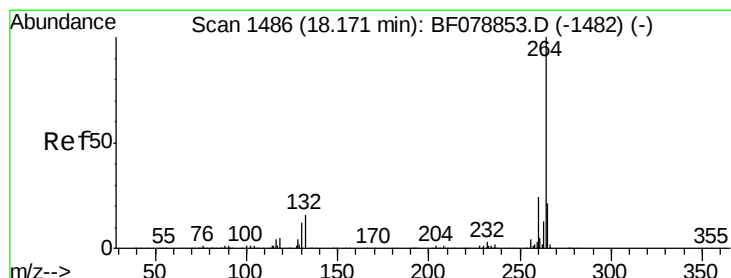
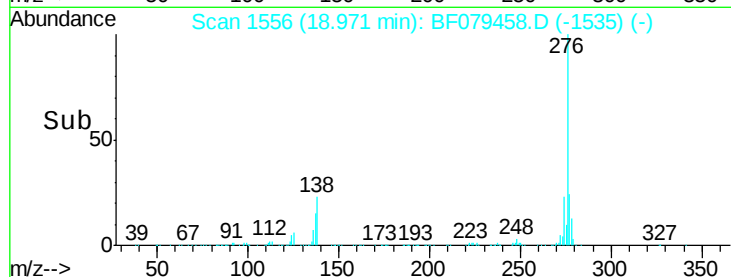
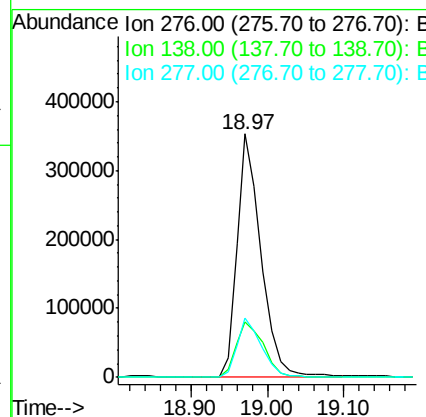
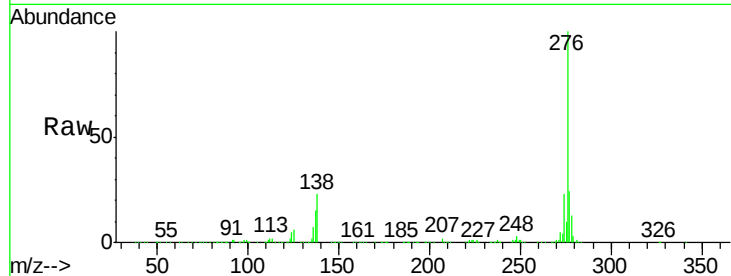
#85
Indeno(1,2,3-cd)pyrene
Concen: 52.28 ng
RT: 18.97 min Scan# 1556
Delta R.T. 0.03 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion:	276	Resp:	772738
Ion Ratio		Lower	Upper
276	100		
138	26.4	21.1	31.7
277	25.4	19.9	29.9

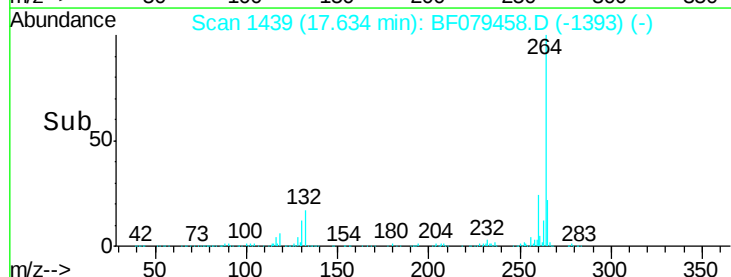
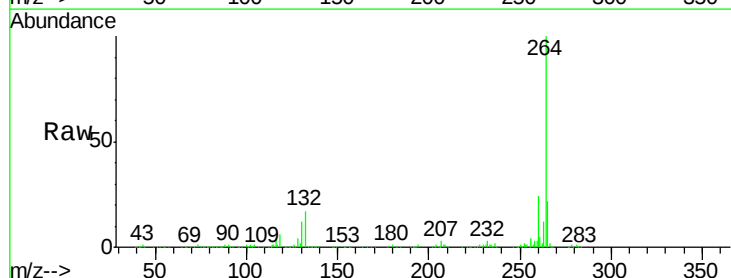
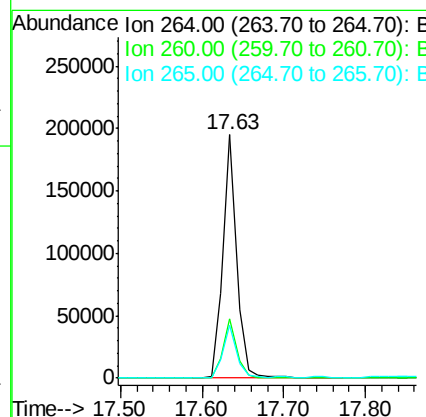
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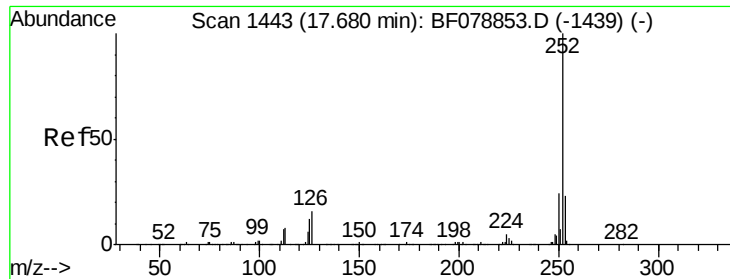
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.63 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion:	264	Resp:	229662
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.2	25.8





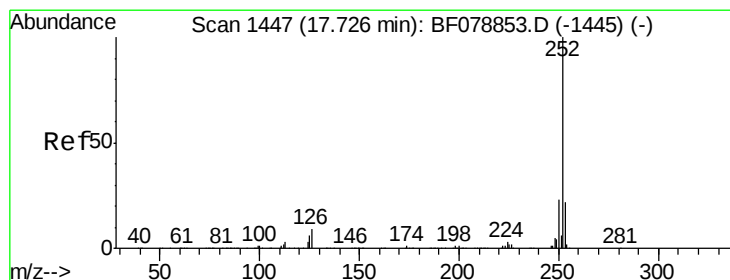
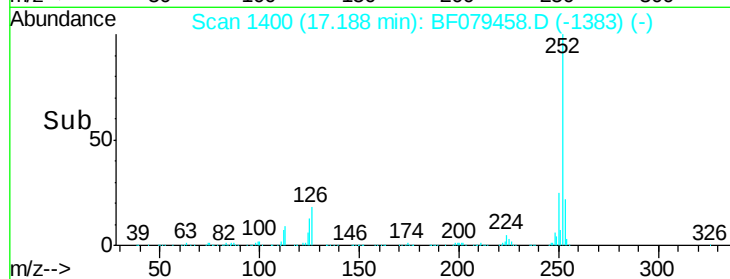
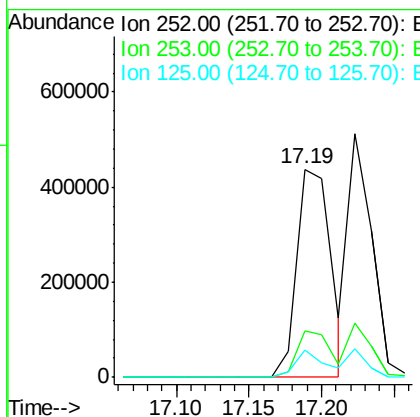
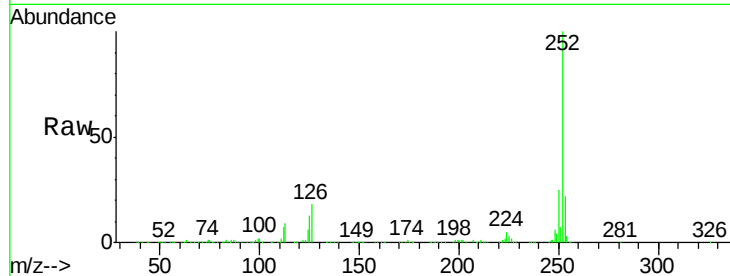
#87
Benzo(b)fluoranthene
Concen: 56.56 ng
RT: 17.19 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	13.0	9.4	14.2

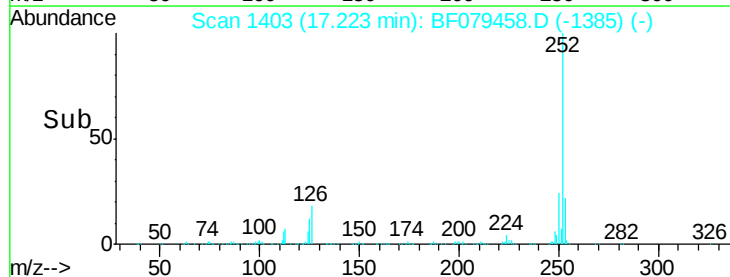
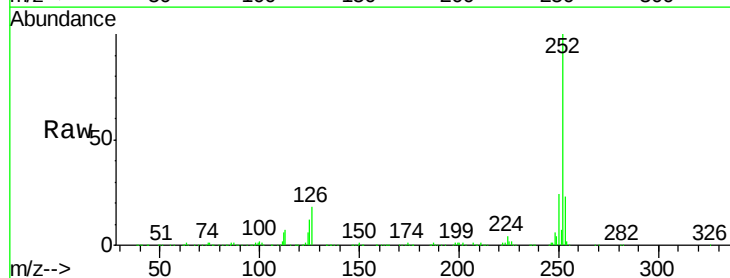
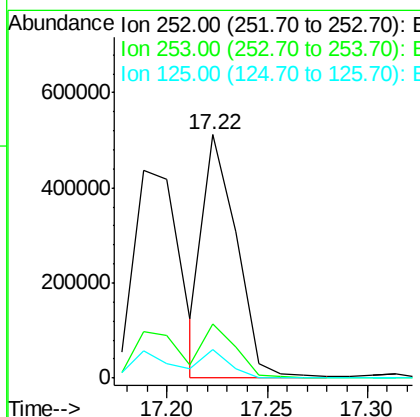
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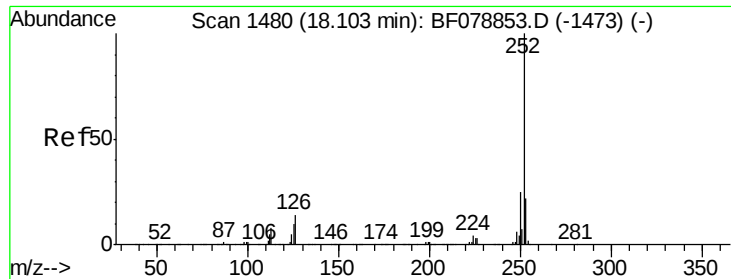
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#88
Benzo(k)fluoranthene
Concen: 48.93 ng m
RT: 17.22 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.7	6.1	9.1





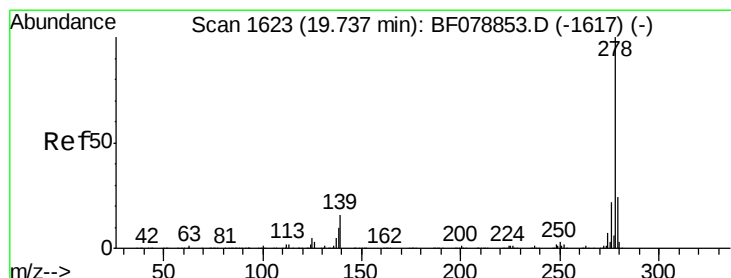
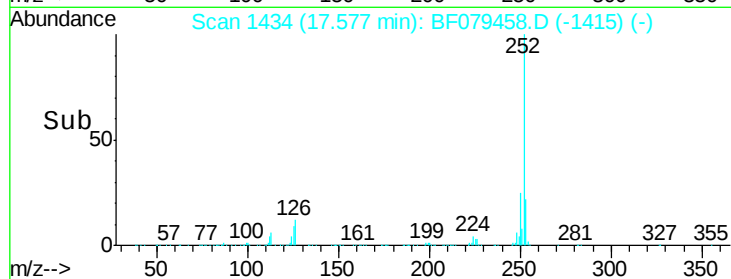
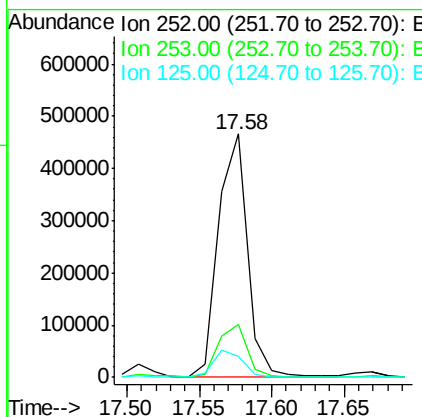
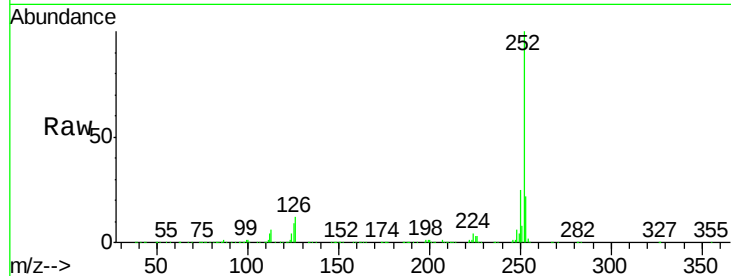
#89
Benzo(a)pyrene
Concen: 55.90 ng
RT: 17.58 min Scan# 1434
Delta R.T. 0.03 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Instrument :
BNA_F
ClientSampleId :
SB-31SMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.7	8.2	12.2

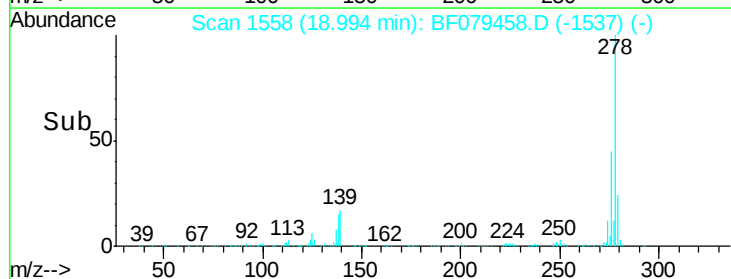
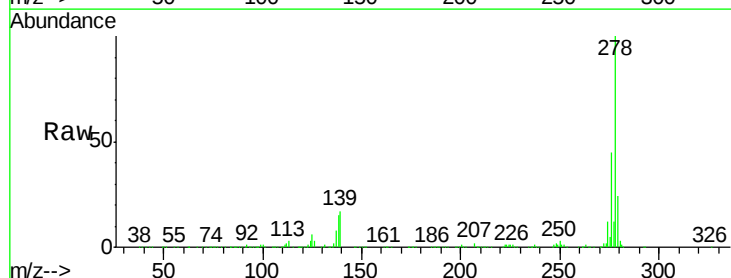
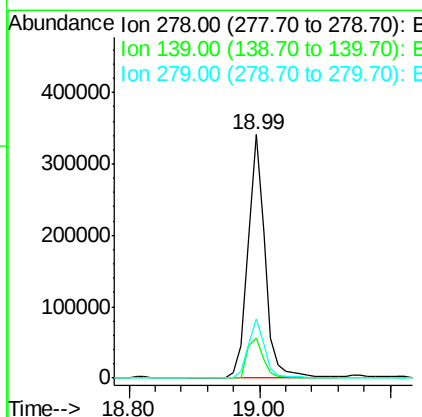
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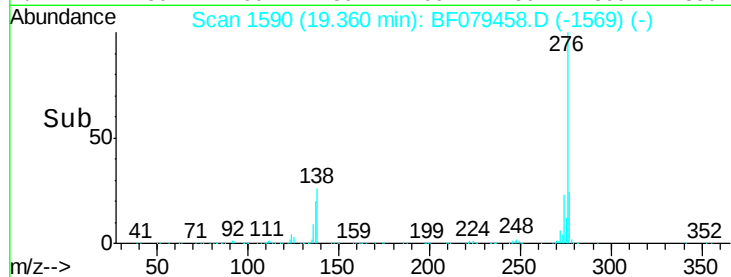
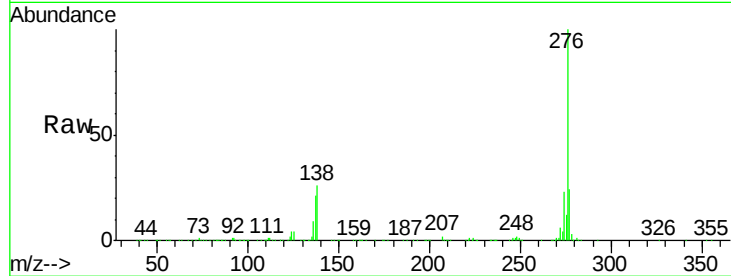
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#90
Dibenzo(a,h)anthracene
Concen: 50.14 ng
RT: 18.99 min Scan# 1558
Delta R.T. 0.03 min
Lab File: BF079458.D
Acq: 23 May 2015 6:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	24.5	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 52.74 ng

RT: 19.36 min Scan# 1590

Delta R.T. 0.03 min

Lab File: BF079458.D

Acq: 23 May 2015 6:00

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	25.6	15.2	22.8

Instrument :

BNA_F

ClientSampleId :

SB-31SMSD

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