

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079457.D
 Acq On : 23 May 2015 5:31
 Operator : TP/IZ
 Sample : G2289-13MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Manual Integrations
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apatel
 5/27/2015 8:17:21 AM

Quant Time: May 23 06:58:13 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	63102	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	258808	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	125248	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	223567	20.00	ng	0.00
75) Chrysene-d12	15.92	240	219236	20.00	ng	0.01
86) Perylene-d12	17.65	264	225383	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	614537m	167.64	ng	0.01
7) Phenol-d6	6.64	99	813769	167.94	ng	0.01
23) Nitrobenzene-d5	7.75	82	441249	97.99	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	233869	172.60	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	862083	95.89	ng	0.00
78) Terphenyl-d14	14.63	244	930781	101.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	69240m	43.44	ng	
3) Pyridine	2.58	79	196574m	42.14	ng	
4) n-Nitrosodimethylamine	2.51	42	90103m	45.08	ng	
6) Aniline	6.64	93	107468m	15.71	ng	
8) 2-Chlorophenol	6.79	128	224559	54.01	ng	82
9) Benzaldehyde	6.50	77	40541m	12.42	ng	
10) Phenol	6.65	94	299012	53.19	ng	93
11) bis(2-Chloroethyl)ether	6.75	93	207468	50.35	ng	99
12) 1,3-Dichlorobenzene	6.97	146	239601	51.27	ng	# 94
13) 1,4-Dichlorobenzene	7.07	146	245029	50.95	ng	98
14) 1,2-Dichlorobenzene	7.26	146	237380	53.02	ng	97
15) Benzyl Alcohol	7.24	79	188931m	52.52	ng	
16) 2,2'-oxybis(1-Chloropropan	7.42	45	304665	48.32	ng	93
17) 2-Methylphenol	7.39	107	179868	53.76	ng	# 93
18) Hexachloroethane	7.67	117	81876	49.43	ng	95
19) n-Nitroso-di-n-propylamine	7.58	70	161385	49.31	ng	96
20) 3+4-Methylphenols	7.60	107	248997	55.85	ng	# 44
22) Acetophenone	7.56	105	321077	54.91	ng	# 88
24) Nitrobenzene	7.77	77	231653	51.90	ng	93
25) Isophorone	8.08	82	432792	51.84	ng	99
26) 2-Nitrophenol	8.17	139	112765	61.04	ng	93
27) 2,4-Dimethylphenol	8.24	122	205411	55.56	ng	95
28) bis(2-Chloroethoxy)methane	8.35	93	263812	51.26	ng	99
29) 2,4-Dichlorophenol	8.47	162	194797	59.26	ng	95
30) 1,2,4-Trichlorobenzene	8.56	180	191780	53.11	ng	97
31) Naphthalene	8.65	128	656222	53.21	ng	100
32) Benzoic acid	8.36	122	44736	23.09	ng	98
33) 4-Chloroaniline	8.74	127	84227	16.14	ng	# 92
34) Hexachlorobutadiene	8.81	225	106816	51.36	ng	98
35) Caprolactam	9.18	113	58881m	55.39	ng	
36) 4-Chloro-3-methylphenol	9.36	107	201810	58.45	ng	96
37) 2-Methylnaphthalene	9.52	142	451602	52.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	180514	51.17	ng	98
40) Hexachlorocyclopentadiene	9.70	237	97417	54.92	ng	96

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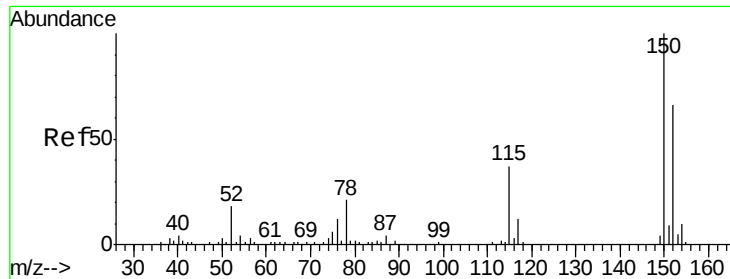
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.87	196	127054	52.39	nq	99
43) 2,4,5-Trichlorophenol	9.92	196	130013	53.03	nq #	81
45) 1,1'-Biphenyl	10.10	154	537262	53.96	nq	99
46) 2-Chloronaphthalene	10.11	162	412290	53.09	nq	96
47) 2-Nitroaniline	10.25	65	119019	52.89	nq	89
48) Acenaphthylene	10.63	152	666129	52.24	nq	98
49) Dimethylphthalate	10.49	163	607440	66.08	nq	100
50) 2,6-Dinitrotoluene	10.57	165	101398	55.89	nq	96
51) Acenaphthene	10.83	154	380806	50.08	nq	100
52) 3-Nitroaniline	10.76	138	59103	26.08	nq	93
53) 2,4-Dinitrophenol	10.91	184	33763	55.67	nq #	61
54) Dibenzofuran	11.05	168	574781	52.33	nq	98
55) 4-Nitrophenol	11.00	139	141767	79.04	nq #	71
56) 2,4-Dinitrotoluene	11.06	165	135997	56.71	nq	87
57) Fluorene	11.47	166	470144	52.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	100597	50.21	nq	100
59) Diethylphthalate	11.37	149	472325	51.87	nq	95
60) 4-Chlorophenyl-phenylether	11.49	204	203235	50.81	nq	94
61) 4-Nitroaniline	11.52	138	92960	41.00	nq	99
62) Azobenzene	11.68	77	462376	51.53	nq	98
64) 4,6-Dinitro-2-methylphenol	11.57	198	43946	47.39	nq #	68
65) n-Nitrosodiphenylamine	11.63	169	396811	53.30	nq	100
66) 4-Bromophenyl-phenylether	12.09	248	130835	56.14	nq	93
67) Hexachlorobenzene	12.15	284	145813	54.75	nq #	83
68) Atrazine	12.32	200	128073	59.15	nq	95
69) Pentachlorophenol	12.41	266	117480	75.78	nq	98
70) Phenanthrene	12.66	178	687115	54.94	nq	99
71) Anthracene	12.73	178	696415	56.76	nq	99
72) Carbazole	12.94	167	646441	55.28	nq	99
73) Di-n-butylphthalate	13.39	149	790057	56.33	nq	98
74) Fluoranthene	14.14	202	761155	58.40	nq	97
76) Benzidine	14.32	184	259571	43.93	nq	97
77) Pyrene	14.41	202	768829	60.86	nq	99
79) Butylbenzylphthalate	15.25	149	333183	60.33	nq	93
80) Benzo(a)anthracene	15.91	228	693417	57.76	nq	99
81) 3,3'-Dichlorobenzidine	15.89	252	190902	44.64	nq #	98
82) Chrysene	15.94	228	644902	55.85	nq	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	489065	58.47	nq #	98
84) Di-n-octyl phthalate	16.75	149	802720	54.49	nq	96
85) Indeno(1,2,3-cd)pyrene	18.98	276	831044	56.49	nq	100
87) Benzo(b)fluoranthene	17.20	252	689229	55.87	nq	98
88) Benzo(k)fluoranthene	17.23	252	694404m	58.14	nq	
89) Benzo(a)pyrene	17.58	252	664268	58.48	nq #	98
90) Dibenzo(a,h)anthracene	19.01	278	670473	55.54	nq	98
91) Benzo(g,h,i)perylene	19.37	276	696040	57.53	nq #	94

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



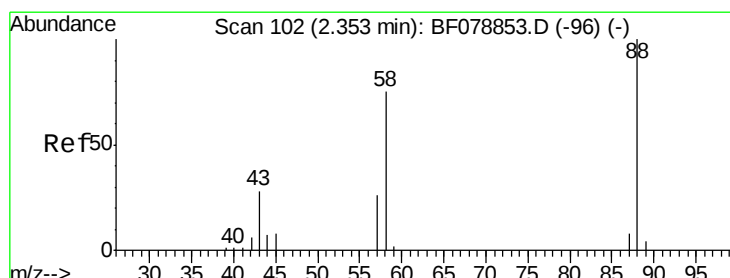
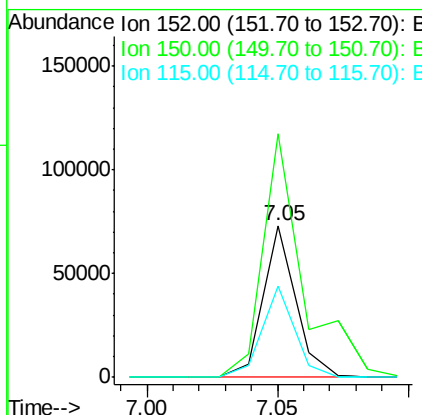
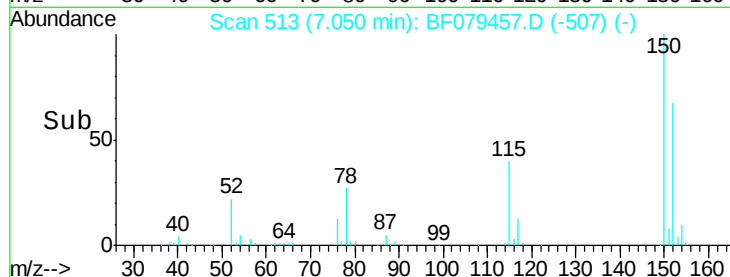
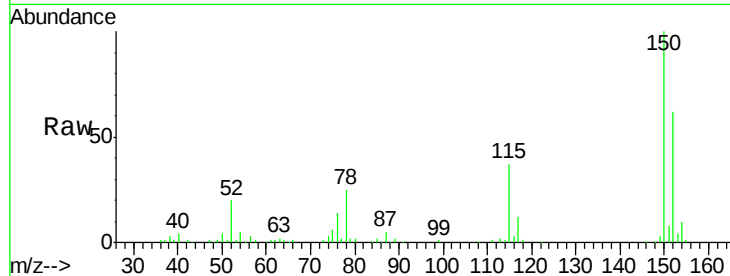
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.05 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion:	152	Resp:	63102
Ion Ratio	Lower	Upper	
152	100		
150	160.6	123.8	185.8
115	60.1	49.4	74.0

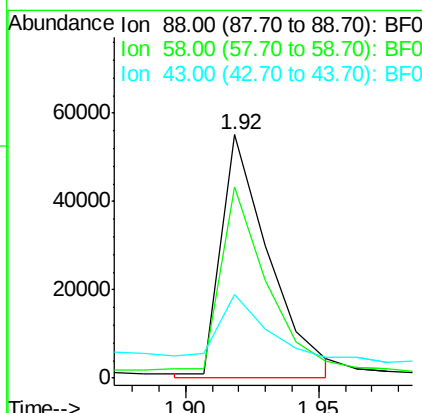
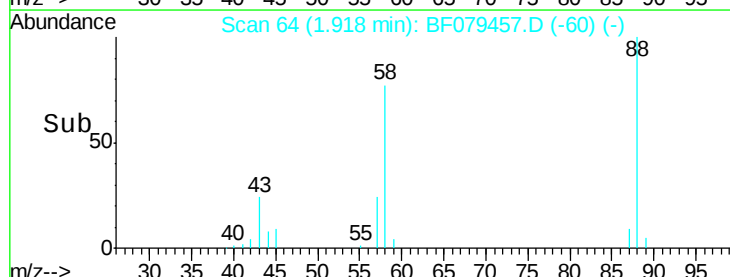
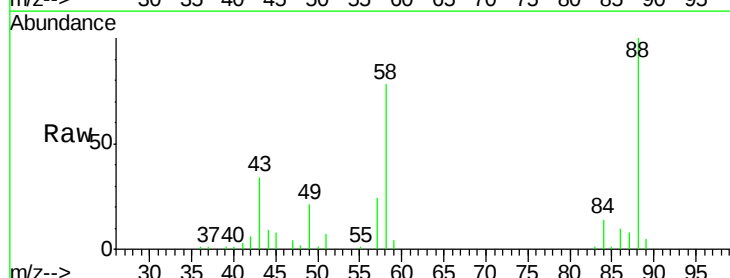
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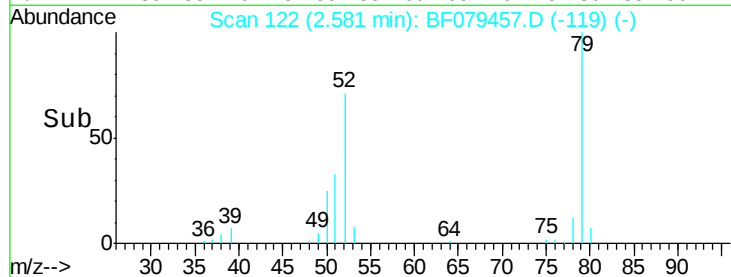
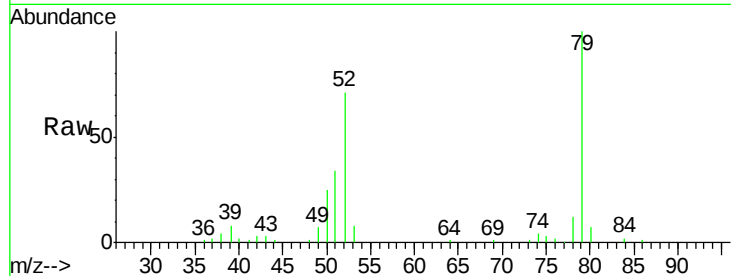
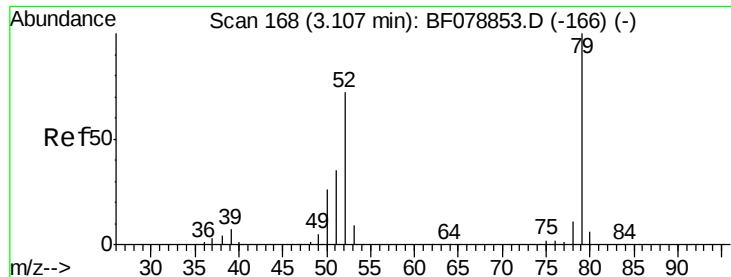
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#2
 1,4-Dioxane
 Concen: 43.44 ng m
 RT: 1.92 min Scan# 64
 Delta R.T. 0.02 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion:	88	Resp:	69240
Ion Ratio	Lower	Upper	
88	100		
58	0.0	63.5	95.3#
43	0.0	24.6	37.0#





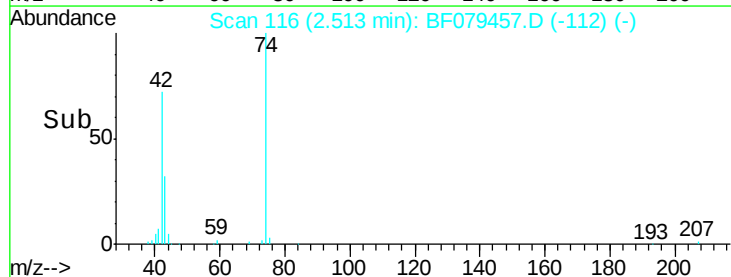
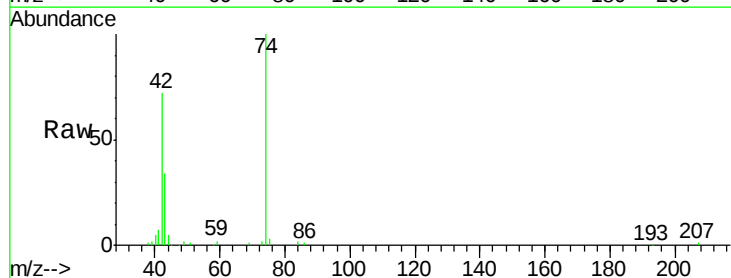
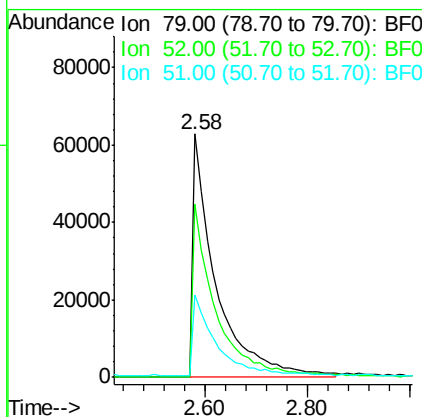
#3
 Pvridine
 Concen: 42.14 ng m
 RT: 2.58 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tot Ion:	79	Resp:	196574
Ion	Ratio	Lower	Upper
79	100		
52	71.1	57.6	86.4
51	33.6	28.7	43.1

Instrument :
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 ClientSampleId :
 SB-31SMS

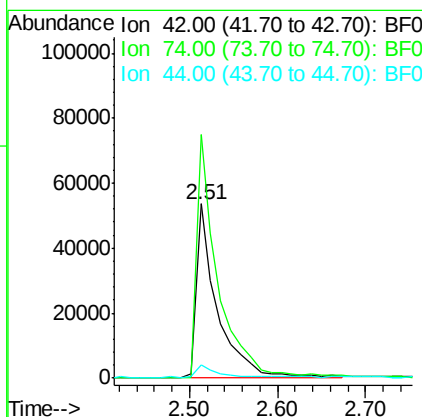
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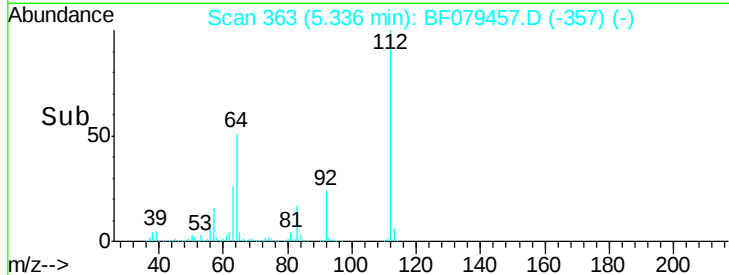
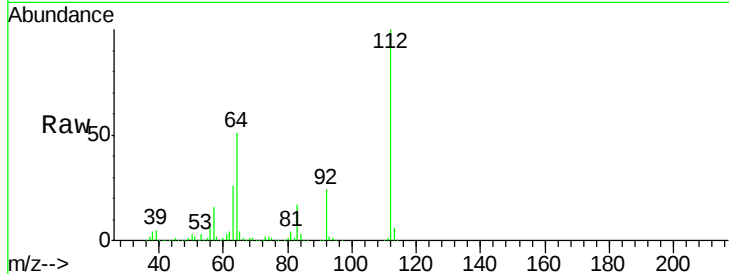
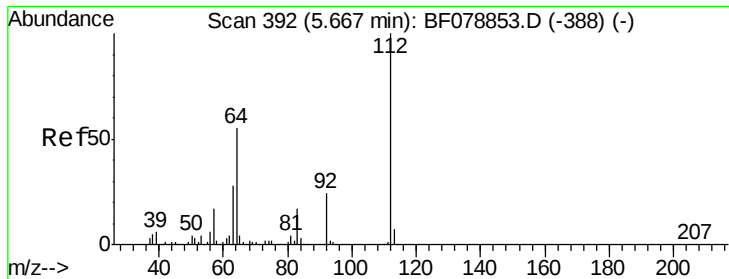
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#4
 n-Nitrosodimethylamine
 Concen: 45.08 ng m
 RT: 2.51 min Scan# 116
 Delta R.T. 0.02 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion:	42	Resp:	90103
Ion	Ratio	Lower	Upper
42	100		
74	139.7	104.4	156.6
44	7.5	6.2	9.2





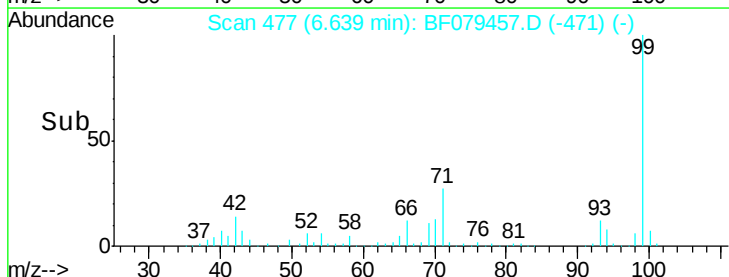
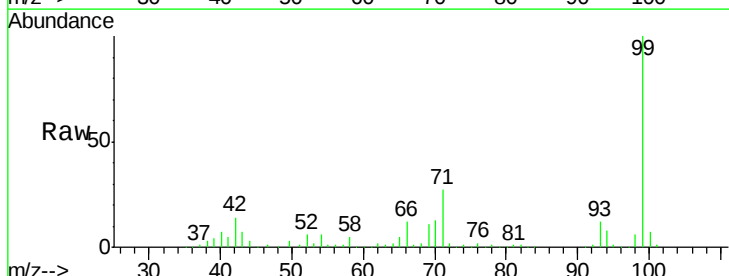
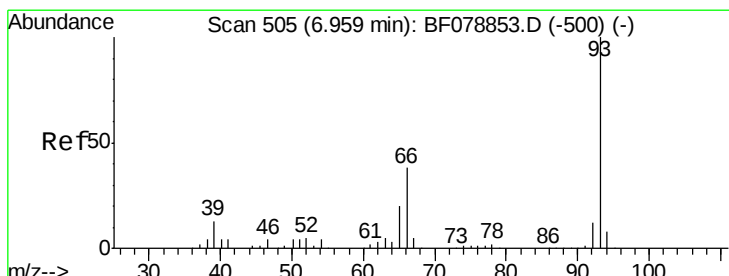
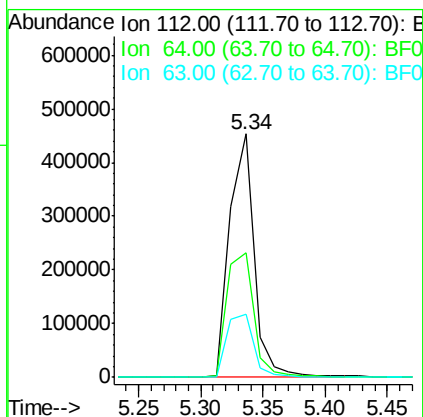
#5
2-Fluorophenol
Concen: 167.64 ng m
RT: 5.34 min Scan# 363
Delta R.T. 0.01 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tot Ion	Ratio	Resp	Lower	Upper
112	100	614537		
64	51.2		44.2	66.2
63	25.9		22.7	34.1

Instrument :
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ClientSampleId :
SB-31SMS

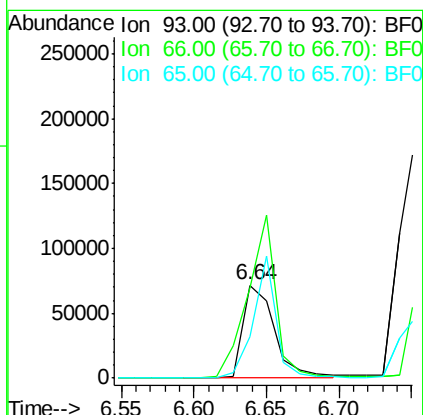
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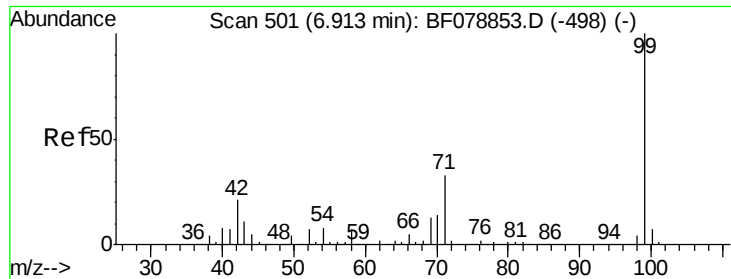
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#6
Aniline
Concen: 15.71 ng m
RT: 6.64 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	107468		
66	97.3		30.7	46.1#
65	45.1		15.8	23.8#





#7

Phenol-d6

Concen: 167.94 ng

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

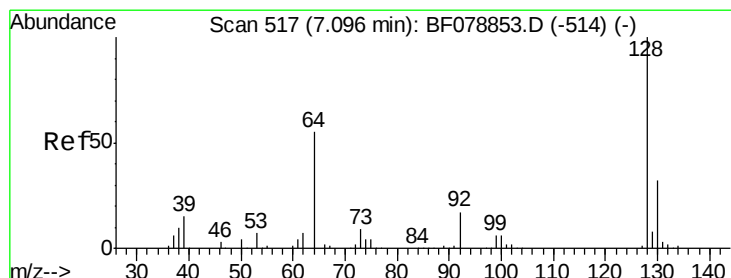
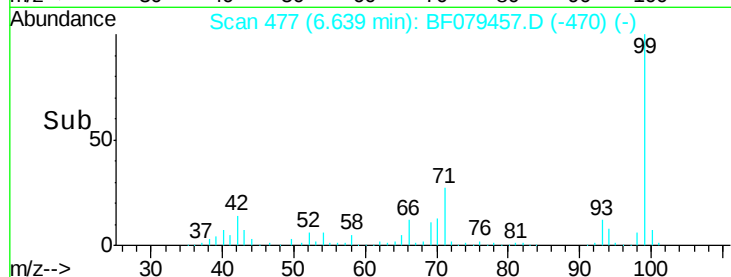
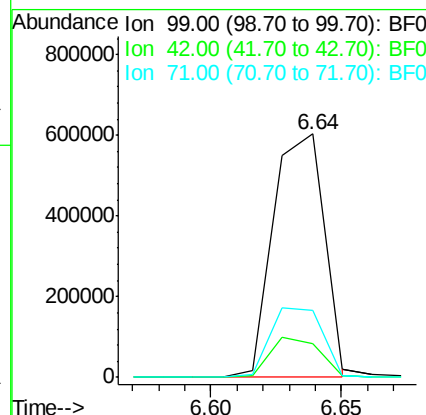
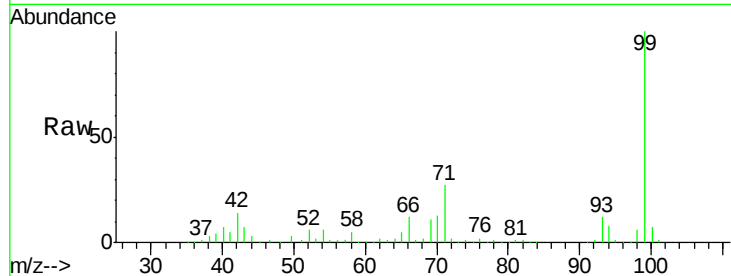
ClientSampleId :

SB-31SMS

Tot Ion:	99	Resp:	813769
Ion Ratio	Lower	Upper	
99	100		
42	13.7	17.1	25.7#
71	27.4	26.3	39.5

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#8

2-Chlorophenol

Concen: 54.01 ng

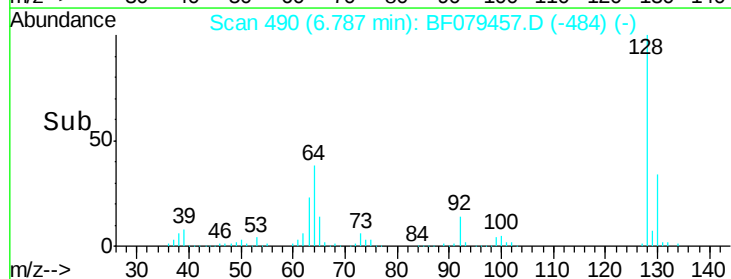
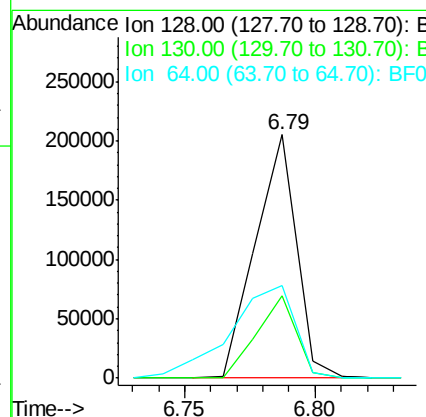
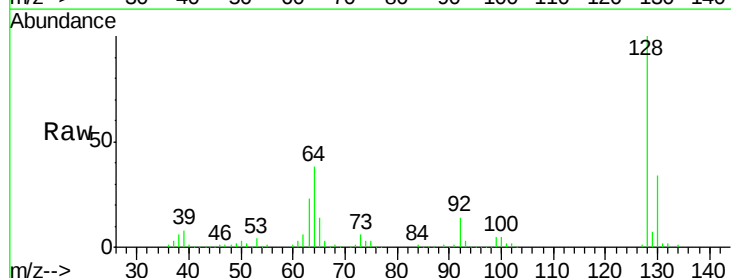
RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	128	Resp:	224559
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.4	52.4
64	38.2	37.8	77.8





#9

Benzaldehyde

Concen: 12.42 ng/mL

RT: 6.50 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

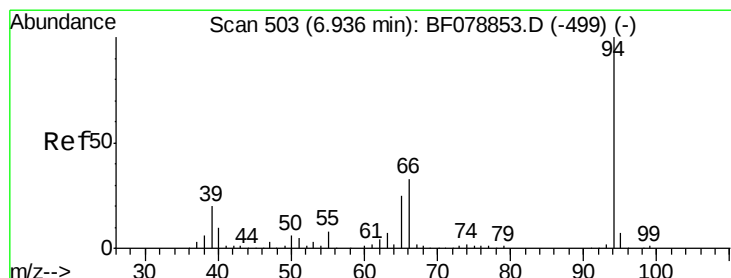
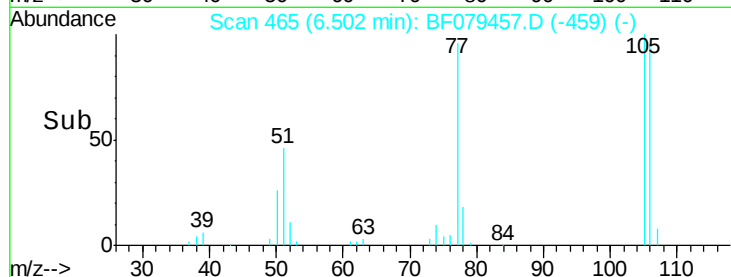
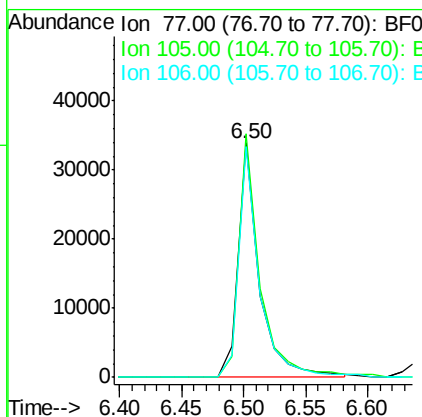
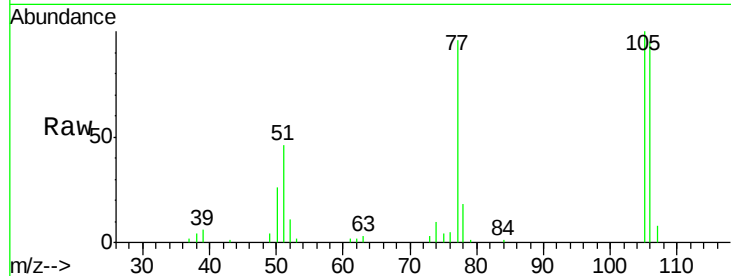
SB-31SMS

Manual Integrations
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Tot Ion:	77	Resp:	40541
Ion	Ratio	Lower	Upper
77	100		
105	103.8	78.9	118.9
106	98.2	75.8	115.8



#10

Phenol

Concen: 53.19 ng/mL

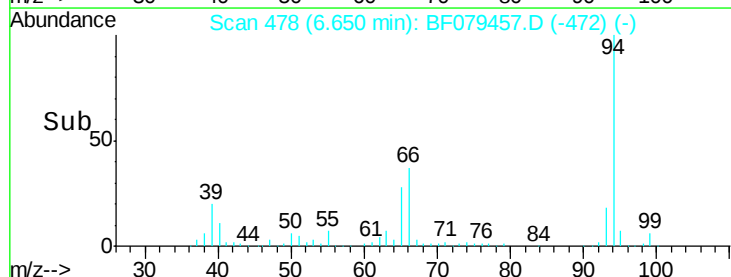
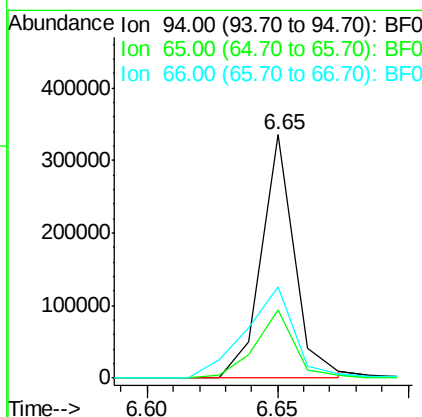
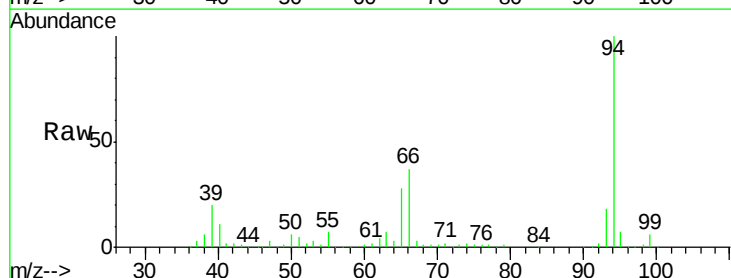
RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	94	Resp:	299012
Ion	Ratio	Lower	Upper
94	100		
65	27.9	5.1	45.1
66	37.5	13.1	53.1





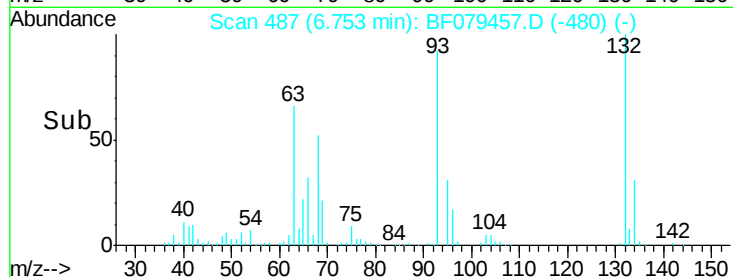
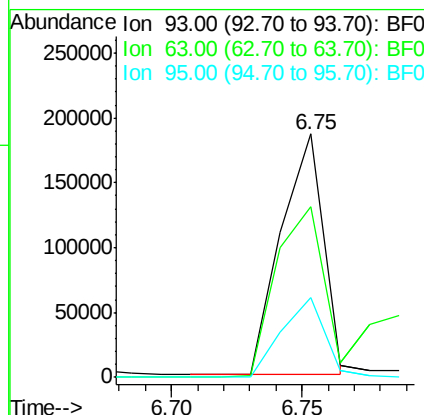
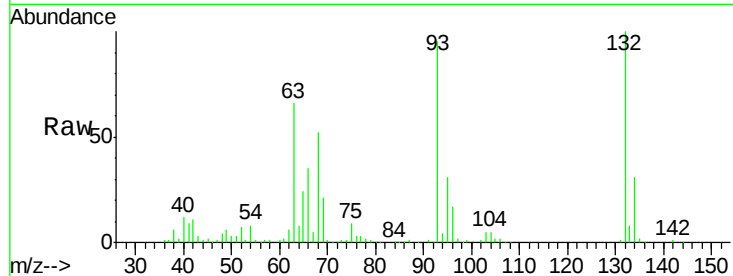
#11
bis(2-Chloroethyl)ether
Concen: 50.35 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.01 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion:	93	Resp:	207468
Ion Ratio	Lower	Upper	
93	100		
63	69.9	50.8	90.8
95	32.6	13.9	53.9

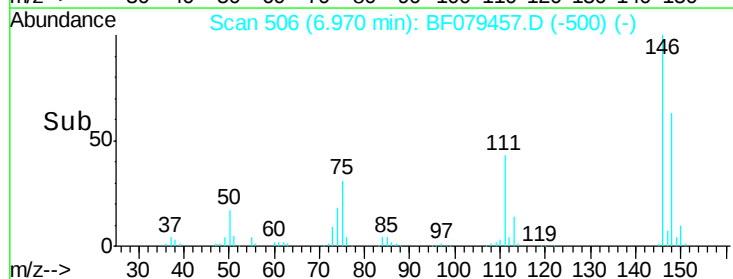
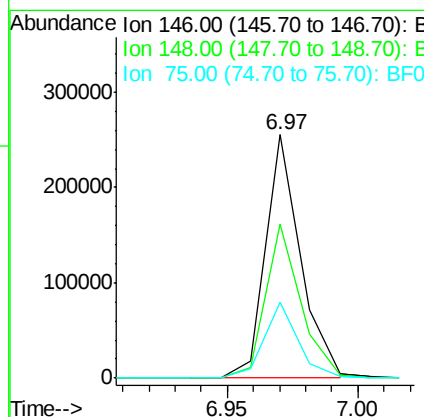
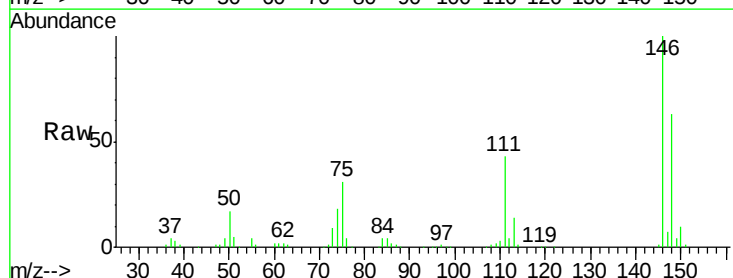
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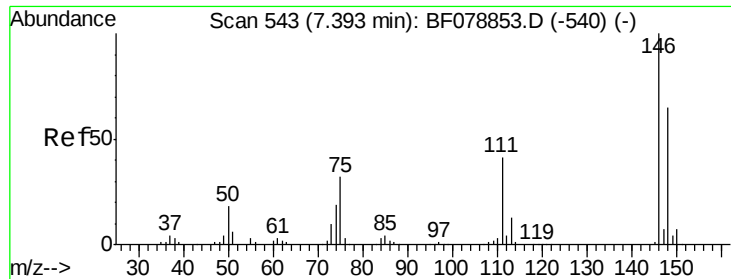
apatel
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#12
1,3-Dichlorobenzene
Concen: 51.27 ng
RT: 6.97 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion:	146	Resp:	239601
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.4	78.6
75	30.9	18.6	27.8#





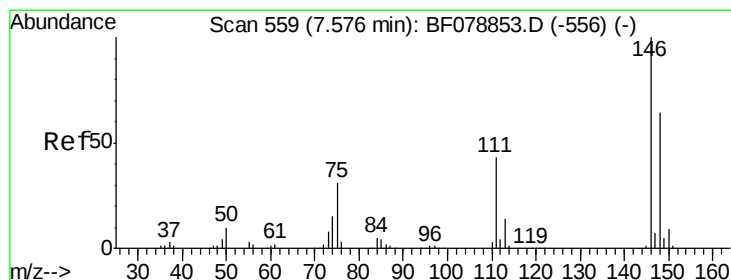
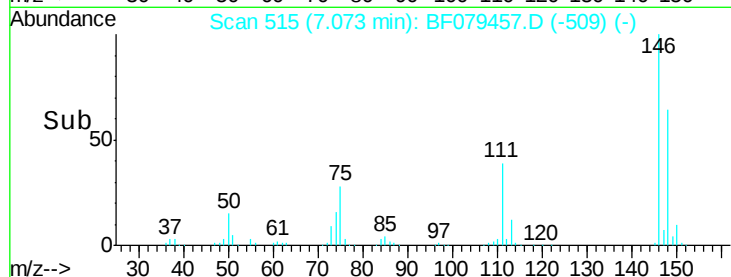
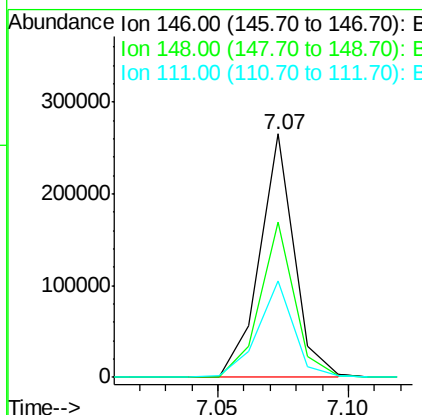
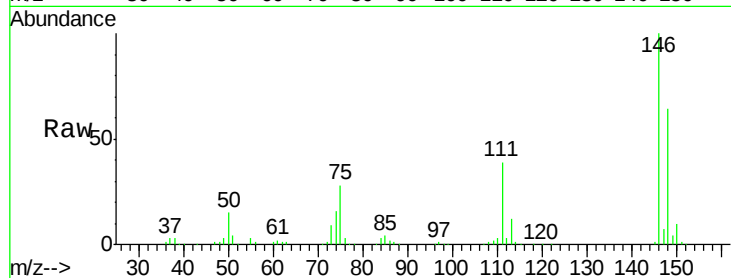
#13
 1,4-Dichlorobenzene
 Concen: 50.95 ng
 RT: 7.07 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
111	39.4	32.8	49.2

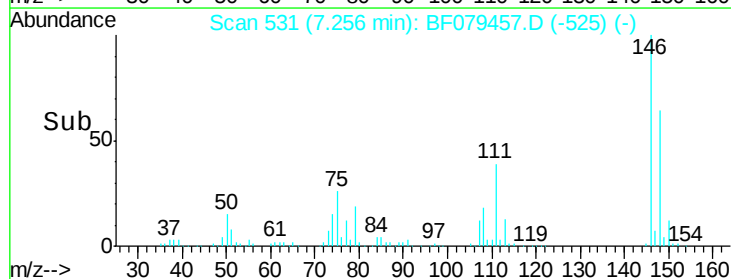
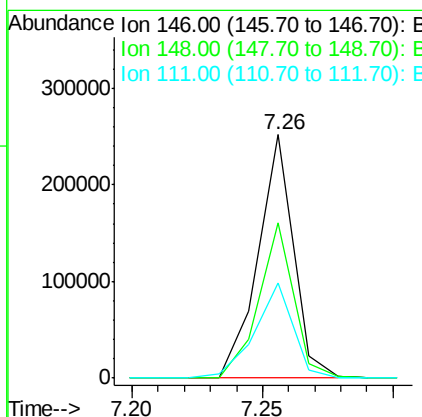
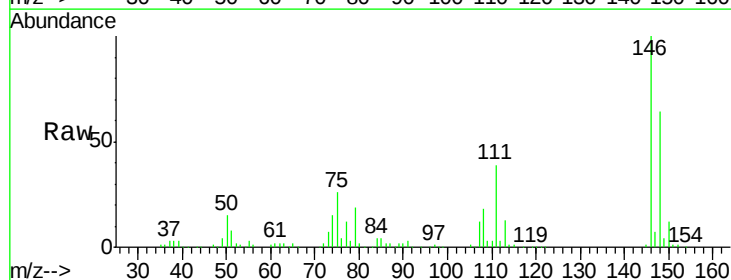
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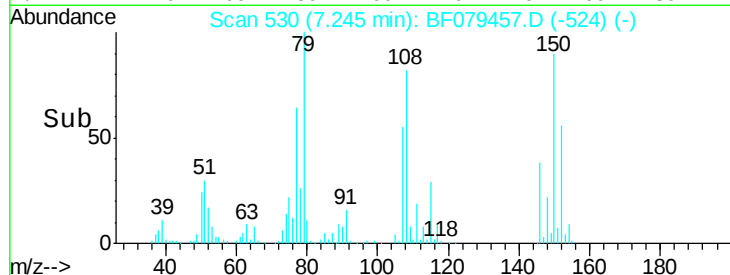
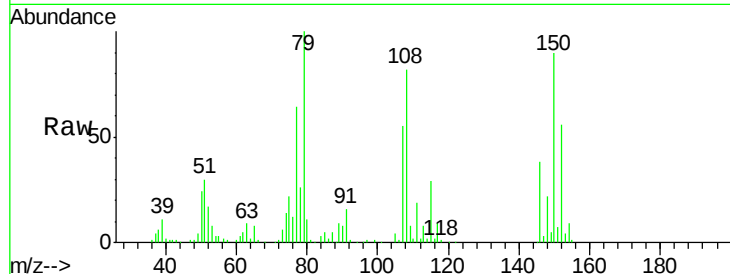
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#14
 1,2-Dichlorobenzene
 Concen: 53.02 ng
 RT: 7.26 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	39.3	34.6	52.0





#15

Benzyl Alcohol

Concen: 52.52 ng/mL

RT: 7.24 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tot Ion:	79	Resp:	188931
Ion Ratio	Lower	Upper	
79	100		
108	82.4	57.4	86.2
77	63.7	50.2	75.4

Instrument :

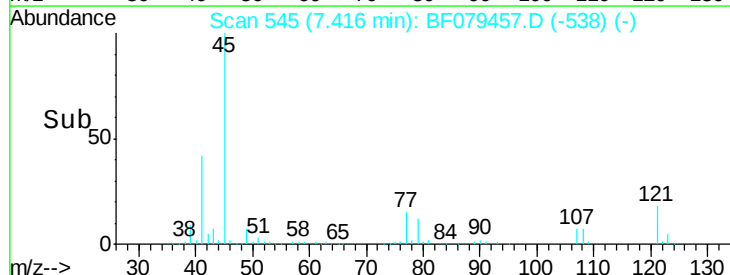
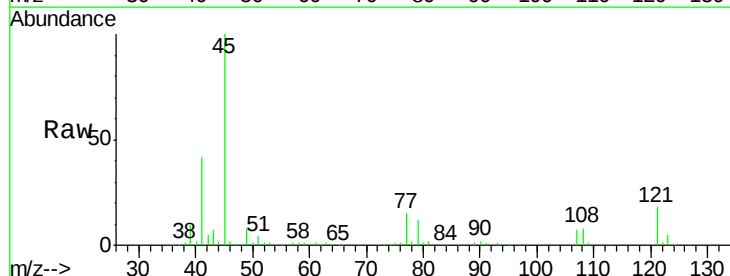
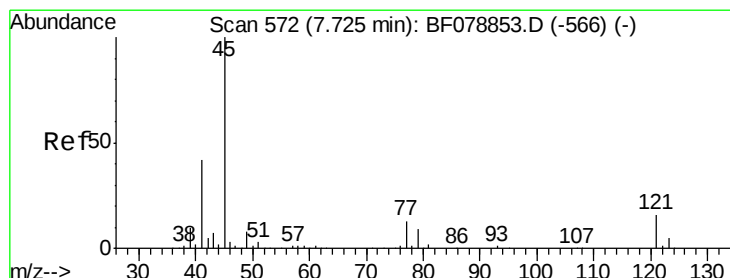
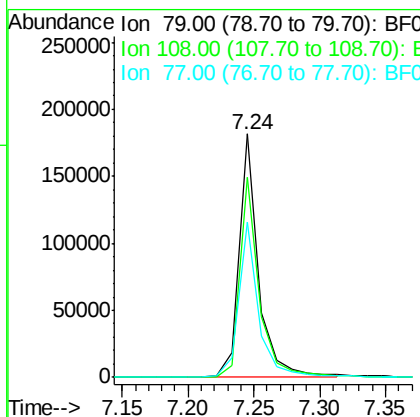
BNA_F

ClientSampled :

SB-31SMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.32 ng/mL

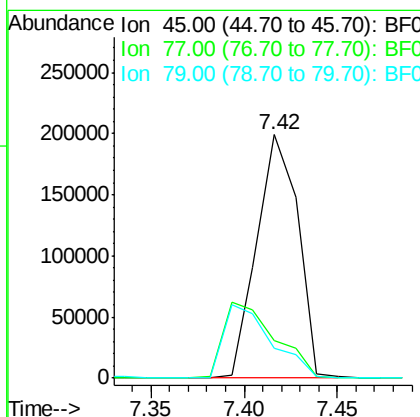
RT: 7.42 min Scan# 545

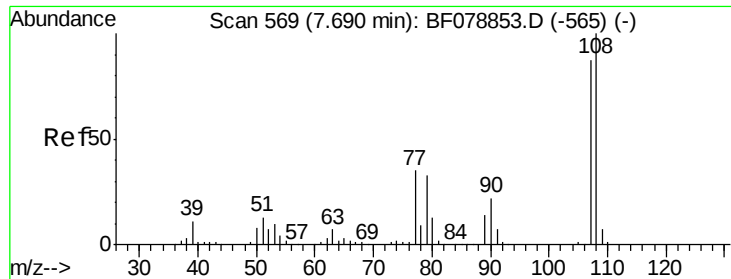
Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	45	Resp:	304665
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	32.6
79	12.2	0.0	29.3





#17

2-Methylphenol

Concen: 53.76 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

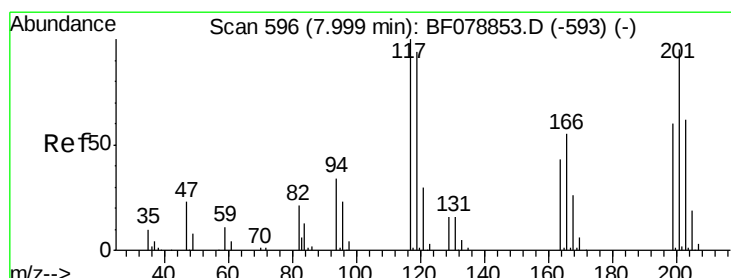
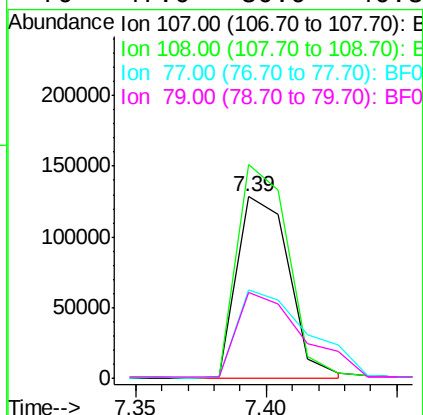
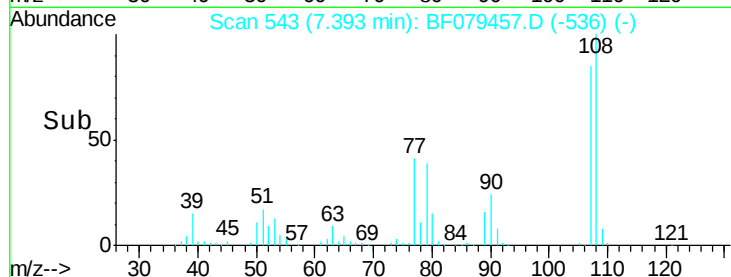
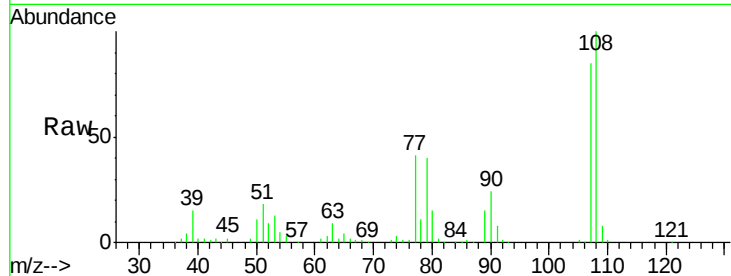
ClientSampleId :

SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	179868		
108	117.6	92.4	138.6	
77	48.6	32.6	49.0	
79	47.0	30.9	46.3	

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#18

Hexachloroethane

Concen: 49.43 ng

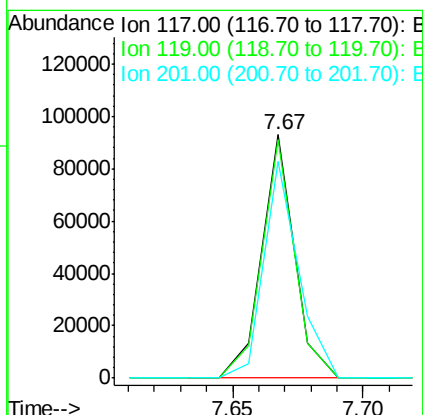
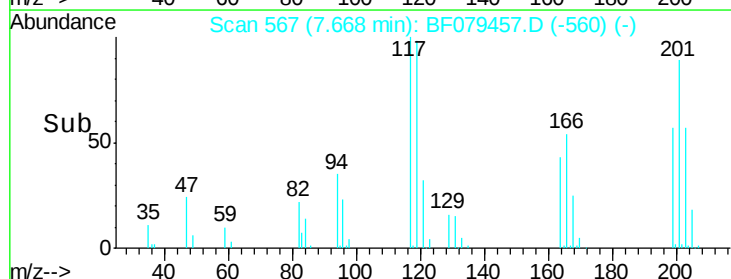
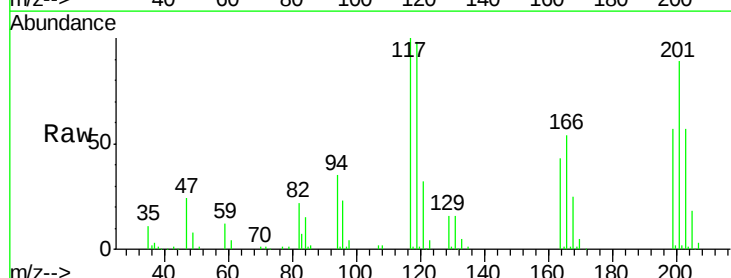
RT: 7.67 min Scan# 567

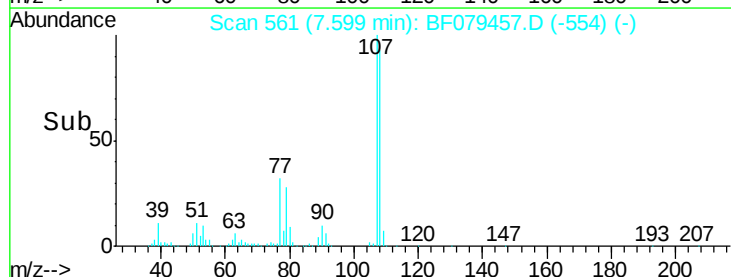
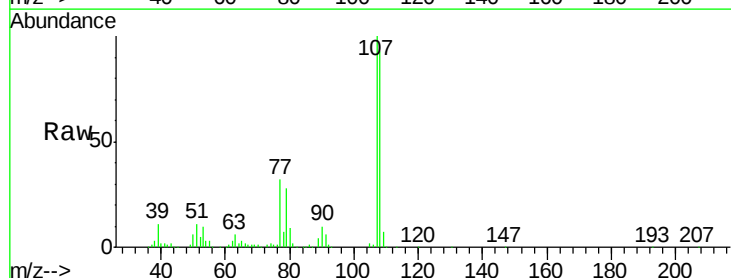
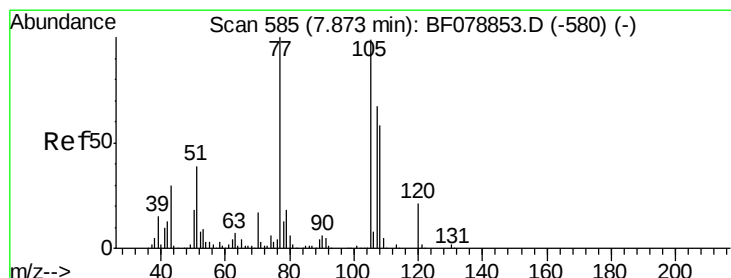
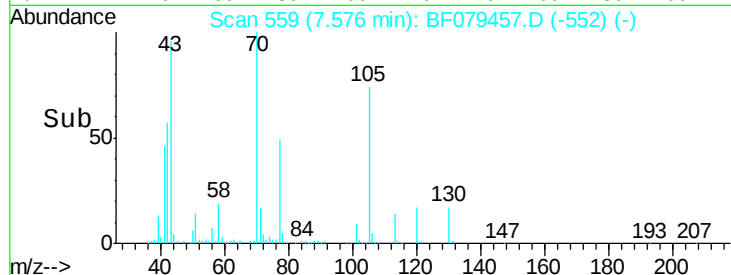
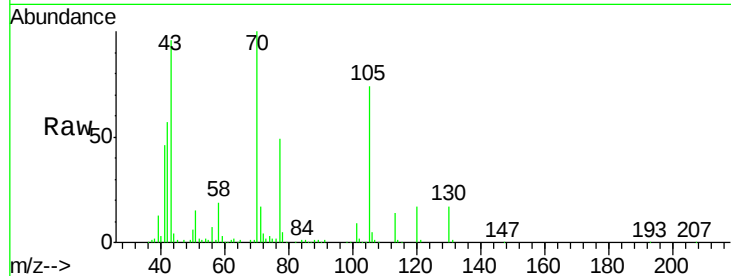
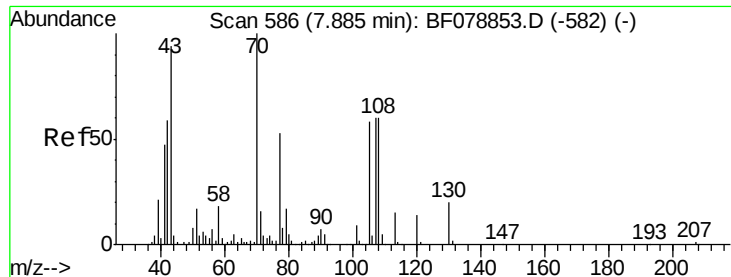
Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81876		
119	98.0	75.2	112.8	
201	89.0	75.8	113.8	





#19

n-Nitroso-di-n-propylamine

Concen: 49.31 ng

RT: 7.58 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

Tot Ion: 70 Resp: 161385

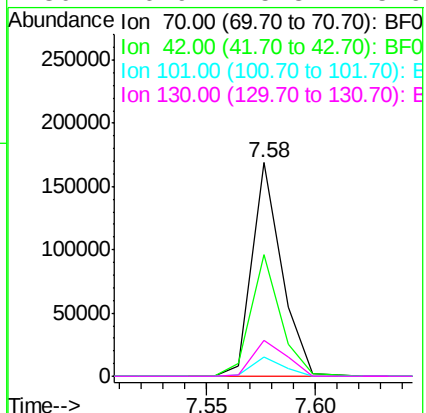
Ion Ratio Lower Upper

70 100

42 56.8 47.3 70.9

101 9.0 7.5 11.3

130 16.9 15.8 23.6



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#20

3+4-Methylphenols

Concen: 55.85 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion: 107 Resp: 248997

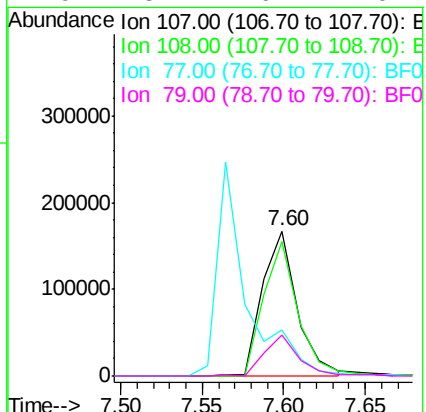
Ion Ratio Lower Upper

107 100

108 92.9 66.5 106.5

77 31.6 130.6 170.6#

79 28.2 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: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

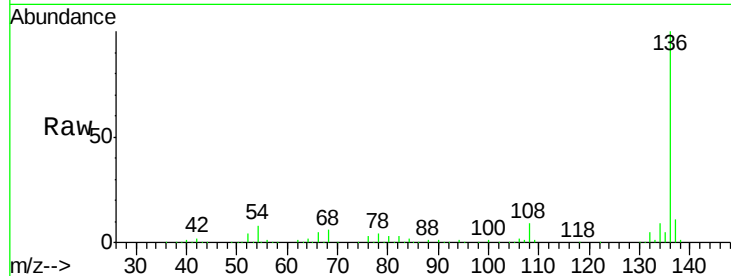
ClientSampleId :

SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	258808		
137	11.0		8.8	13.2
54	7.6		6.9	10.3
68	5.9		4.9	7.3

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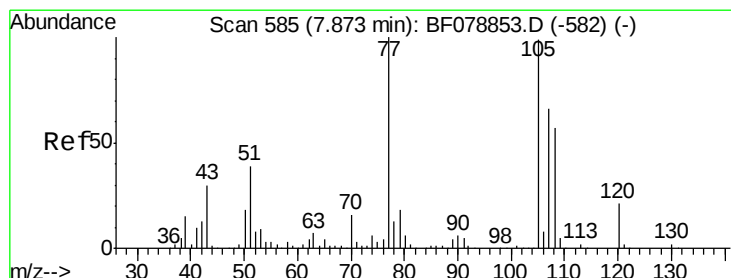
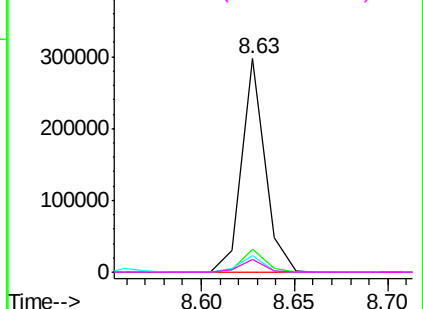
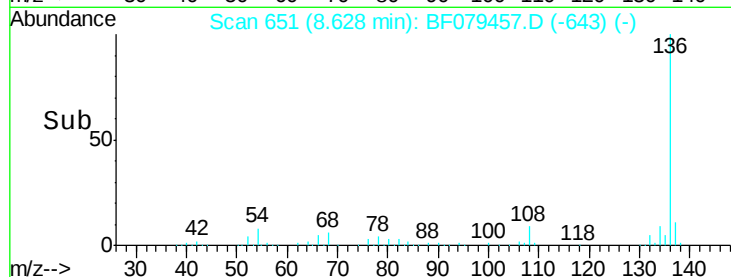


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 54.91 ng

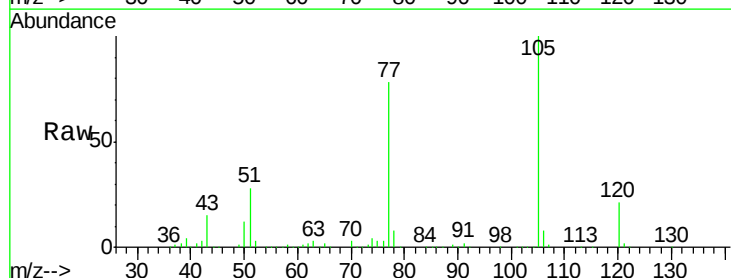
RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	321077		
71	0.4		2.2	3.4#
51	28.1		31.1	46.7#
120	20.6		16.7	25.1

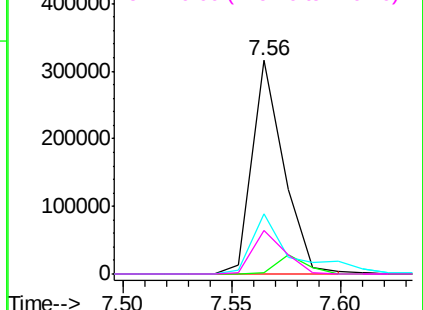
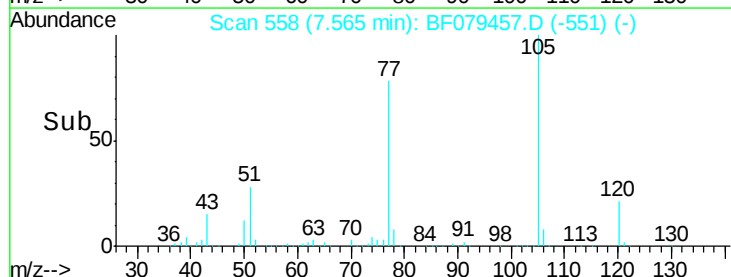


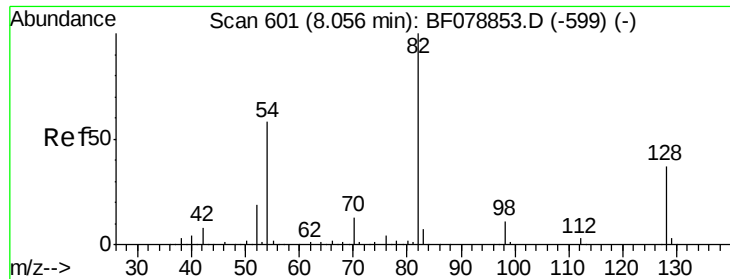
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





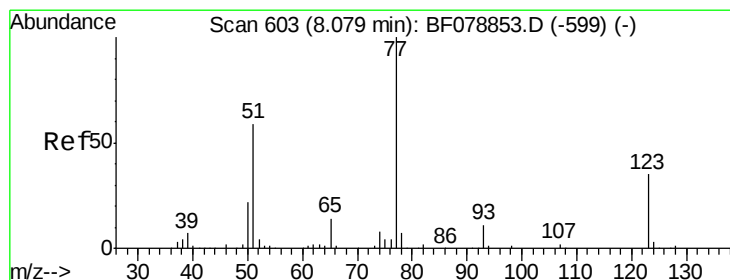
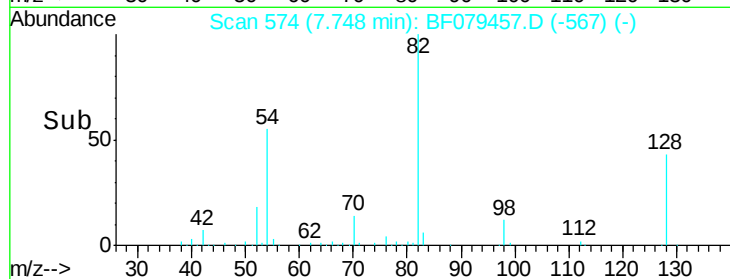
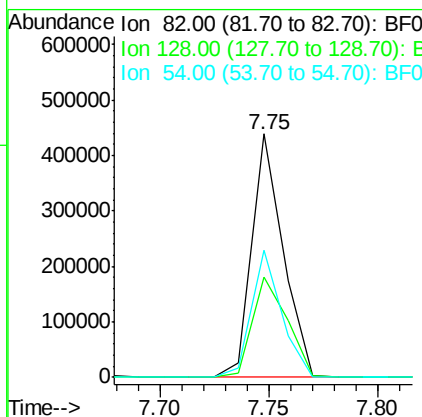
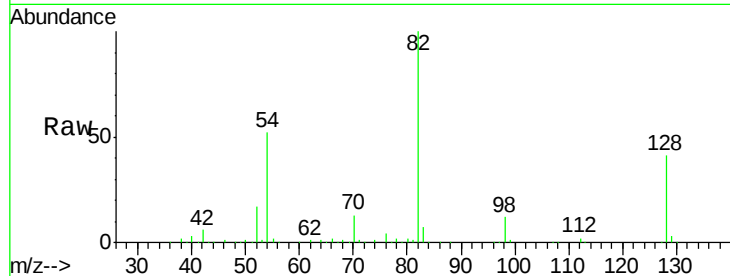
#23
 Nitrobenzene-d5
 Concen: 97.99 ng
 RT: 7.75 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	29.7	44.5	
54	52.2	46.2	69.4	

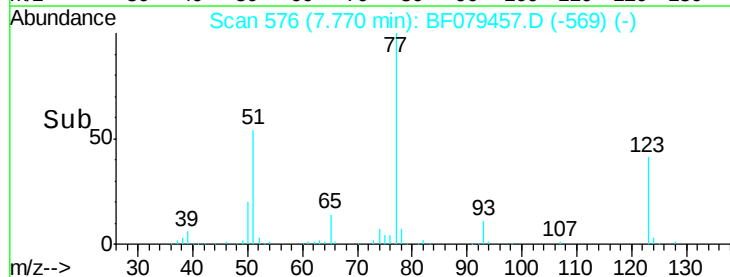
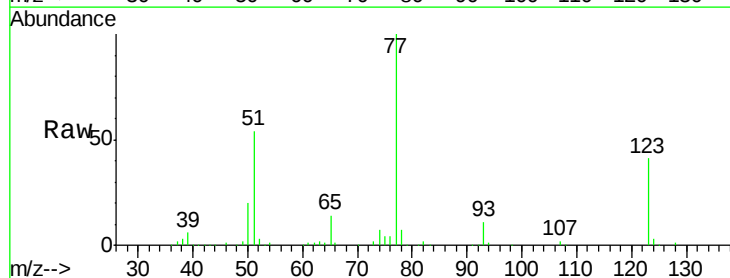
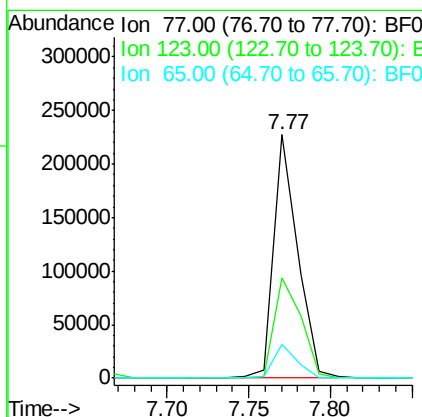
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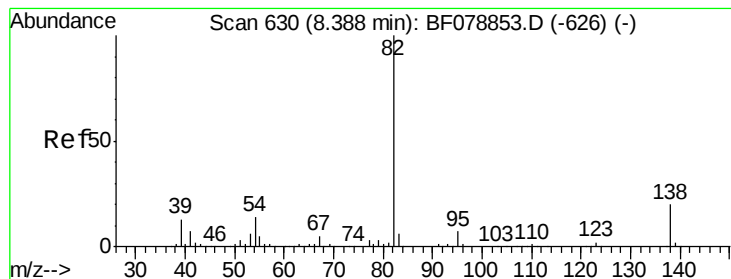
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#24
 Nitrobenzene
 Concen: 51.90 ng
 RT: 7.77 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	28.3	42.5	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 51.84 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

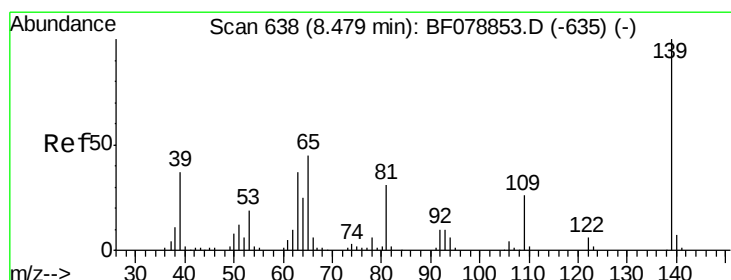
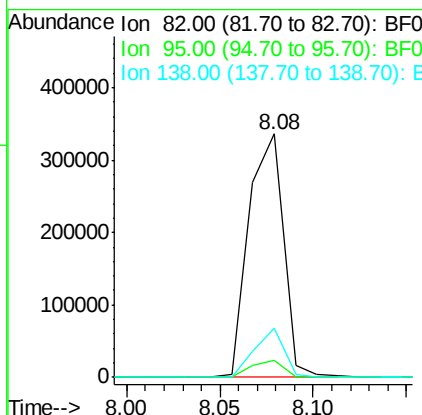
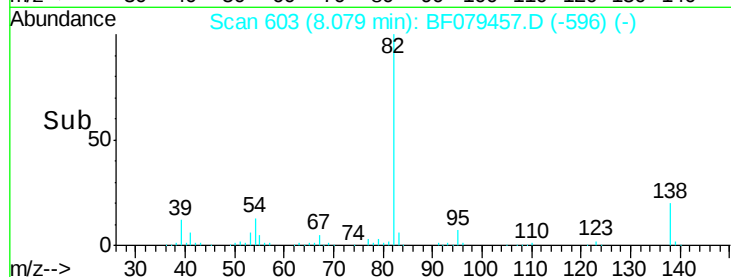
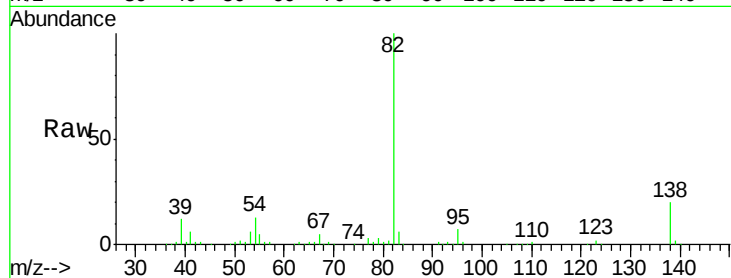
ClientSampleId :

SB-31SMS

Tot Ion:	82	Resp:	432792
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	20.4	16.1	24.1

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#26

2-Nitrophenol

Concen: 61.04 ng

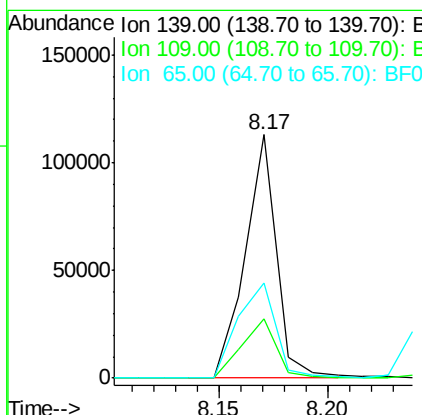
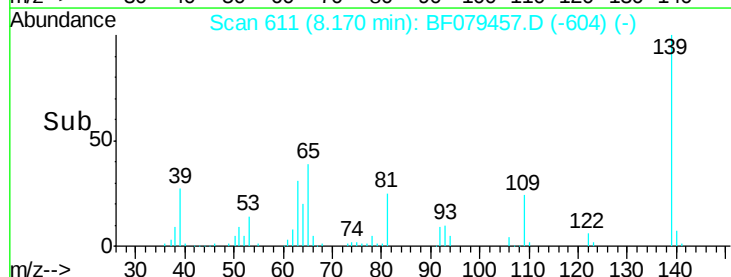
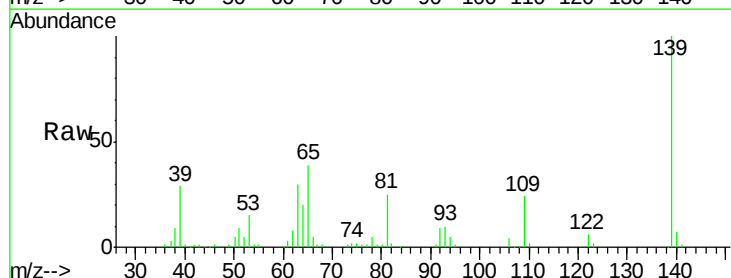
RT: 8.17 min Scan# 611

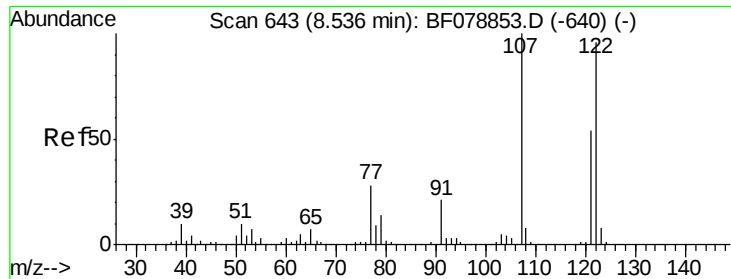
Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	139	Resp:	112765
Ion Ratio	Lower	Upper	
139	100		
109	24.3	20.9	31.3
65	39.1	35.8	53.8





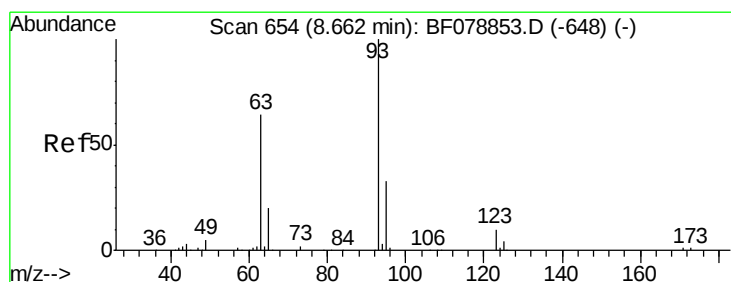
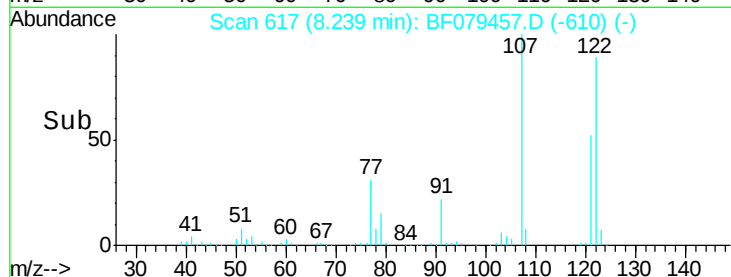
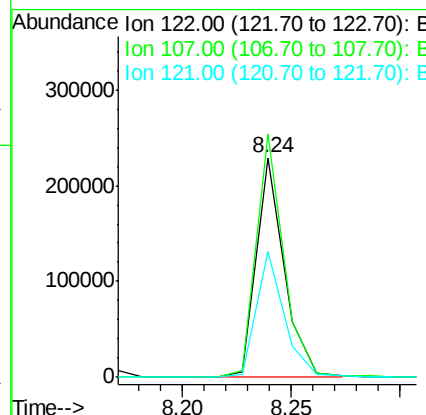
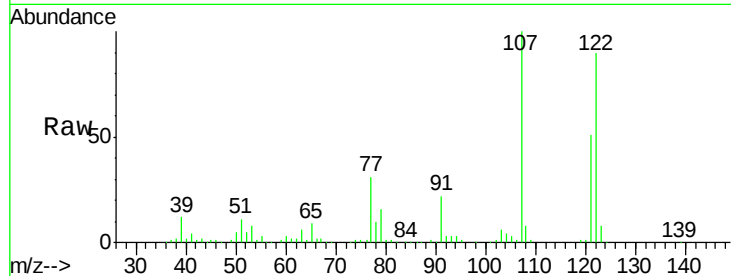
#27
2,4-Dimethylphenol
Concen: 55.56 ng
RT: 8.24 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	205411		
107	111.0	83.6	125.4	
121	57.1	44.9	67.3	

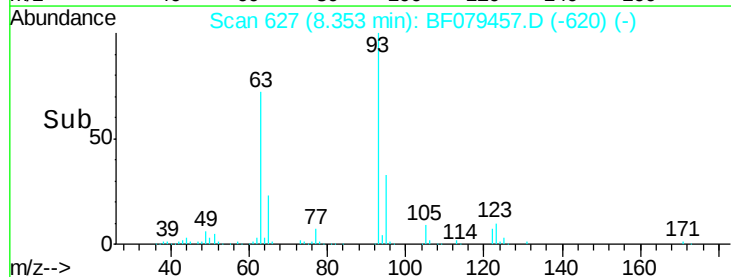
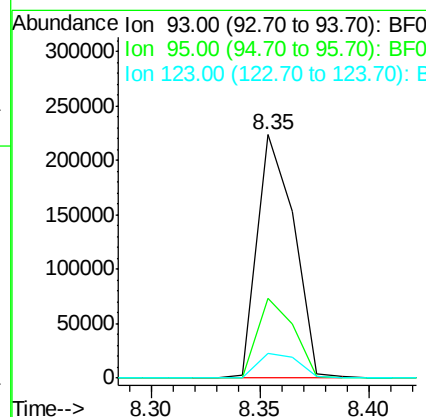
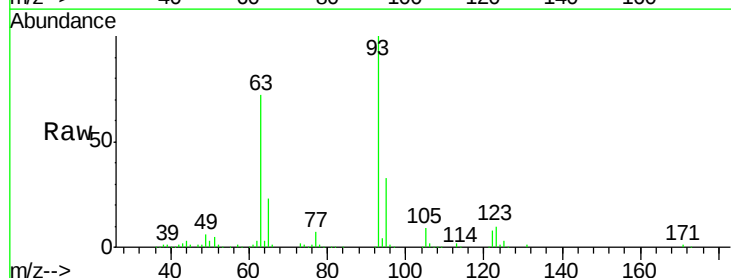
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#28
bis(2-Chloroethoxy)methane
Concen: 51.26 ng
RT: 8.35 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	263812		
95	32.9	26.2	39.2	
123	10.3	8.6	12.8	





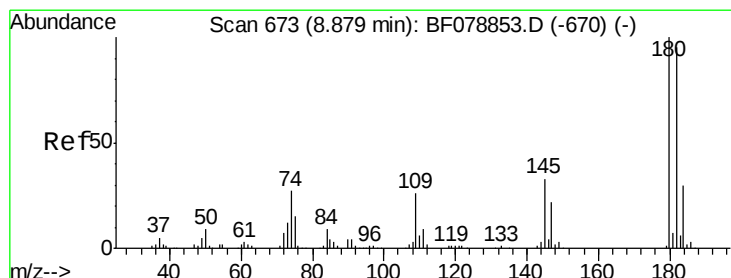
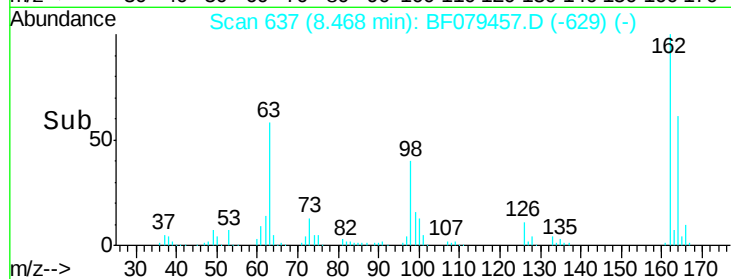
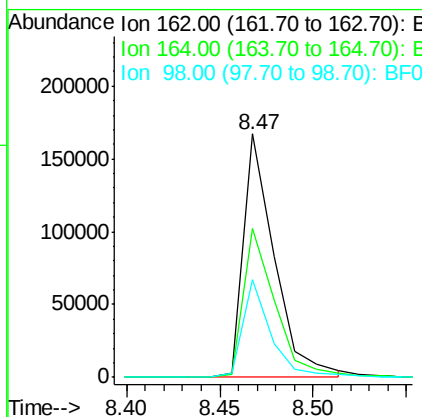
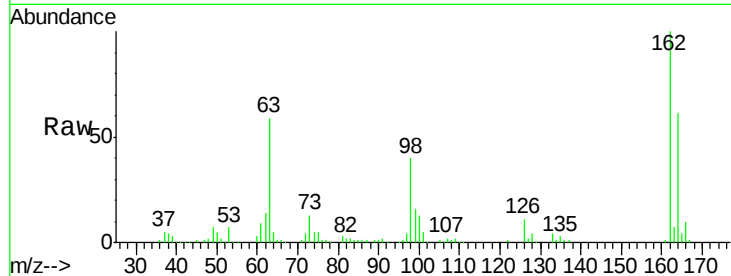
#29
 2,4-Dichlorophenol
 Concen: 59.26 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		194797		
164	61.3	42.7	82.7		
98	40.0	26.3	66.3		

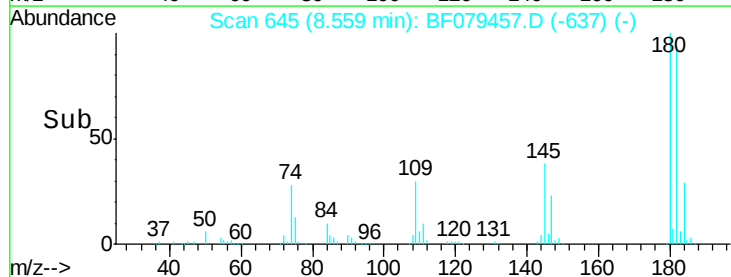
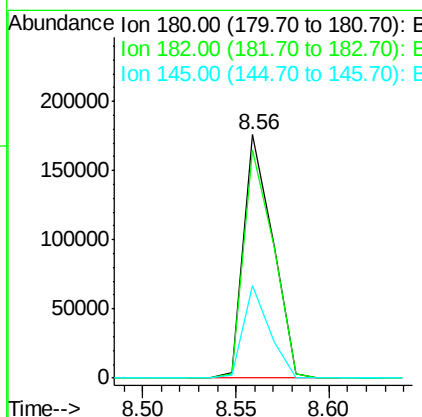
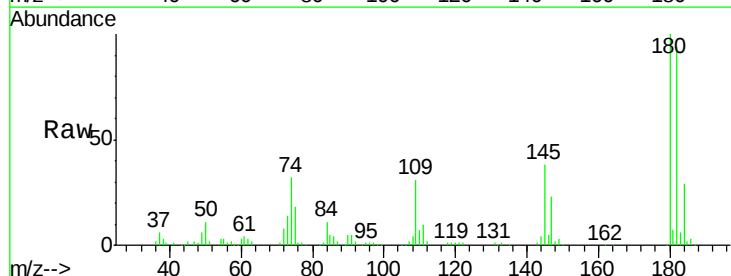
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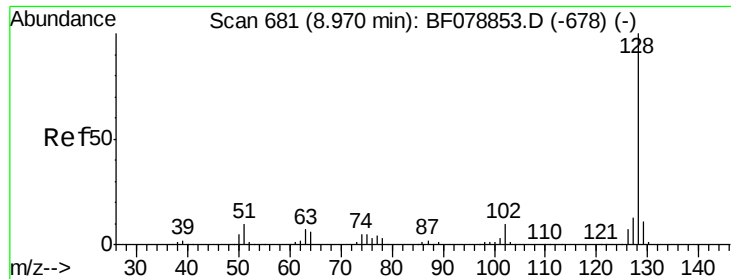
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#30
 1,2,4-Trichlorobenzene
 Concen: 53.11 ng
 RT: 8.56 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		191780		
182	93.6	75.7	113.5		
145	37.9	26.2	39.4		





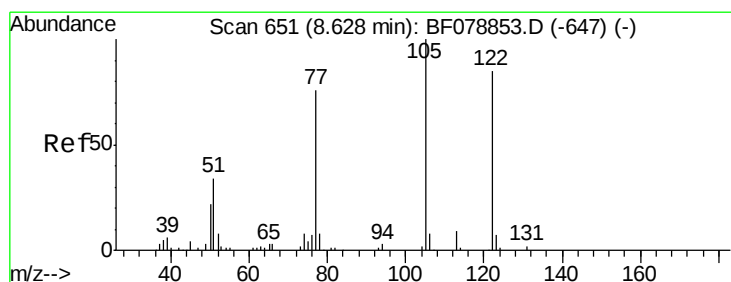
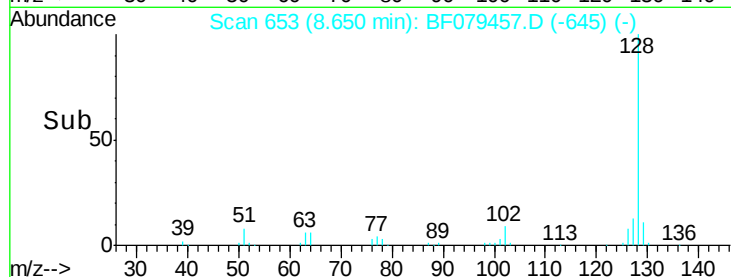
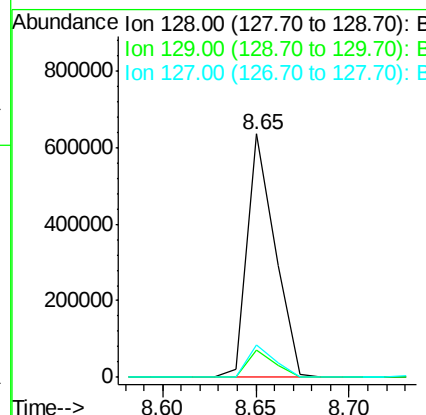
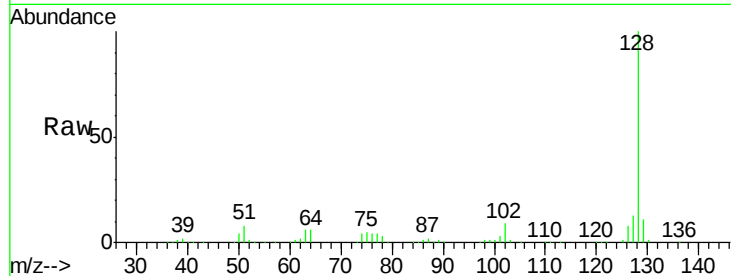
#31
Naphthalene
Concen: 53.21 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.2	10.3	15.5

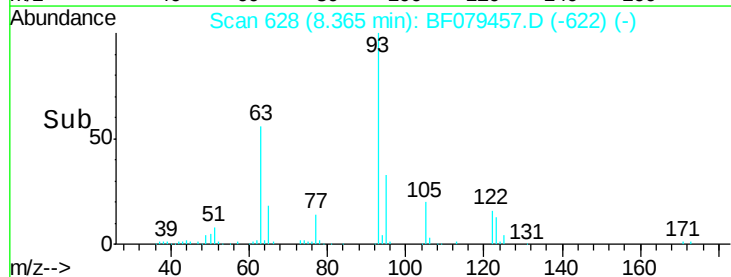
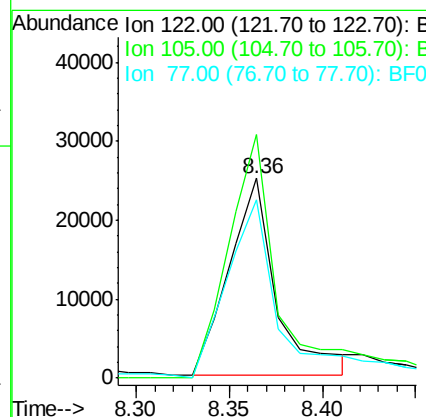
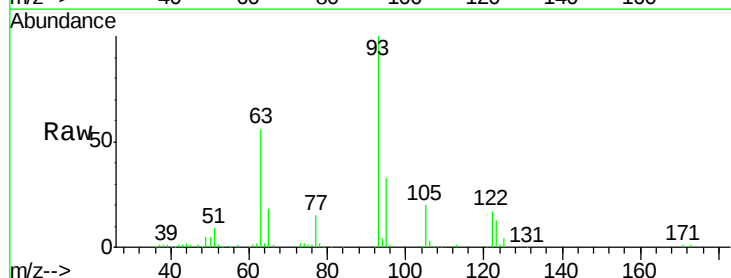
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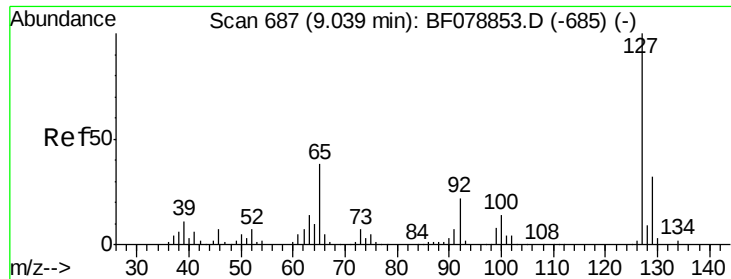
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#32
Benzoic acid
Concen: 23.09 ng
RT: 8.36 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	100.7	140.7
77	89.1	72.0	112.0





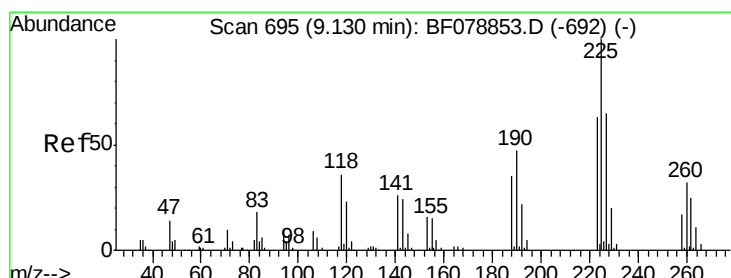
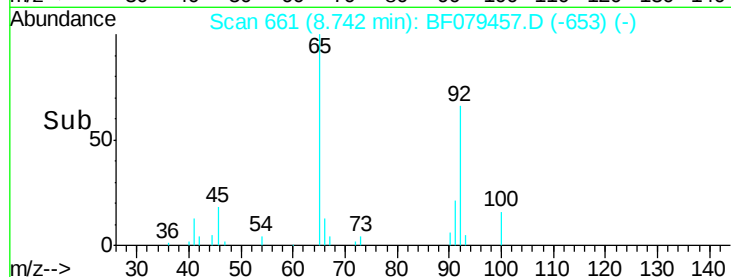
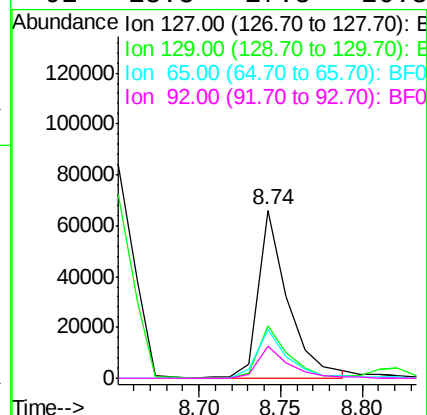
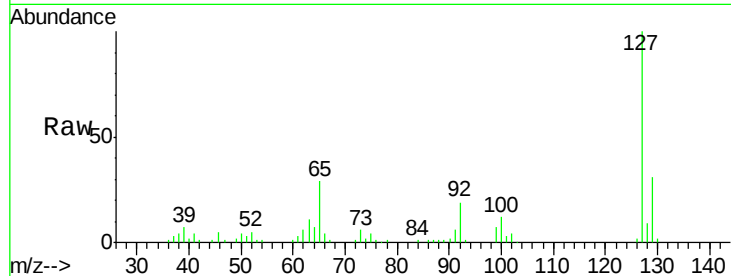
#33
4-Chloroaniline
Concen: 16.14 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	25.6	38.4		
65	28.6	30.2	45.4		
92	18.8	17.5	26.3		

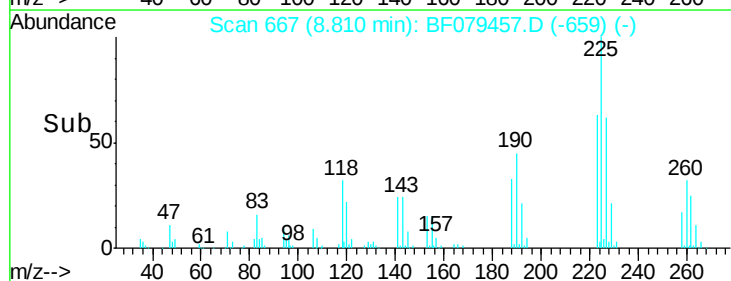
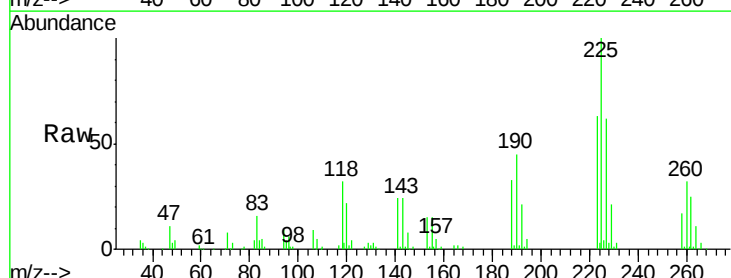
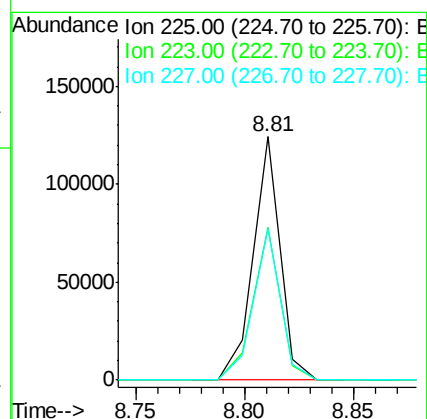
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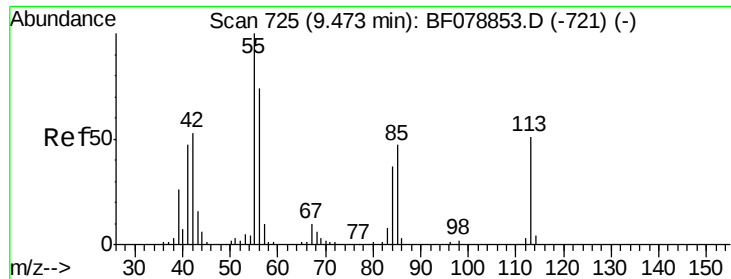
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#34
Hexachlorobutadiene
Concen: 51.36 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.6	75.8		
227	62.0	52.1	78.1		





#35

Caprolactam

Concen: 55.39 ng/mL

RT: 9.18 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

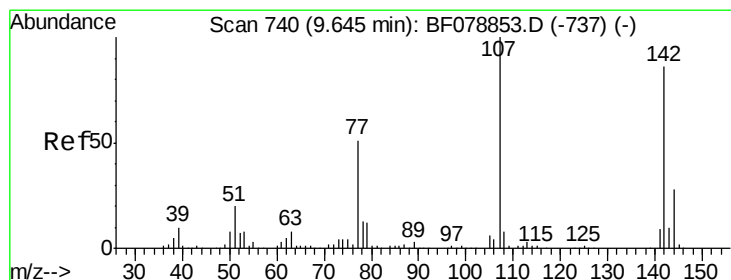
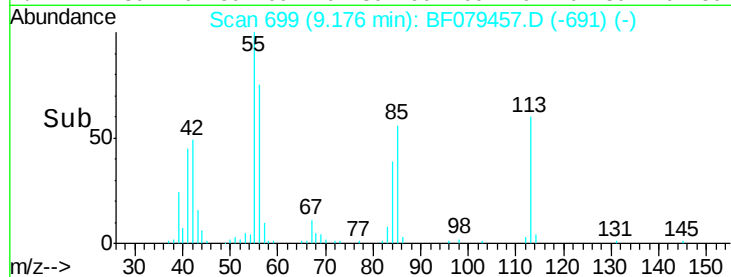
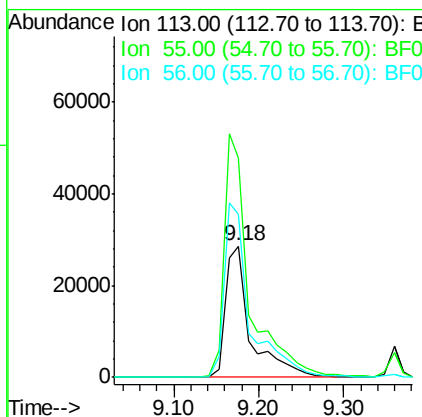
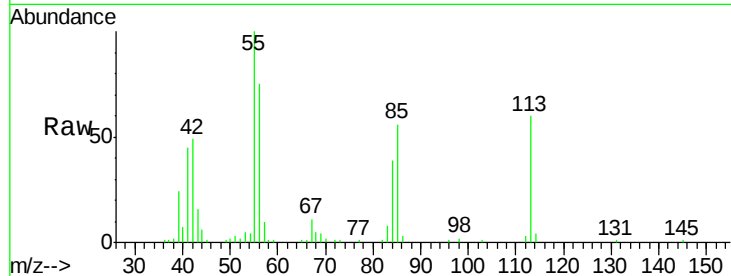
ClientSampleID :

SB-31SMS

Tot Ion:	113	Resp:	58881
Ion Ratio	Lower	Upper	
113	100		
55	167.1	176.0	216.0#
56	124.6	123.8	163.8

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#36

4-Chloro-3-methylphenol

Concen: 58.45 ng/mL

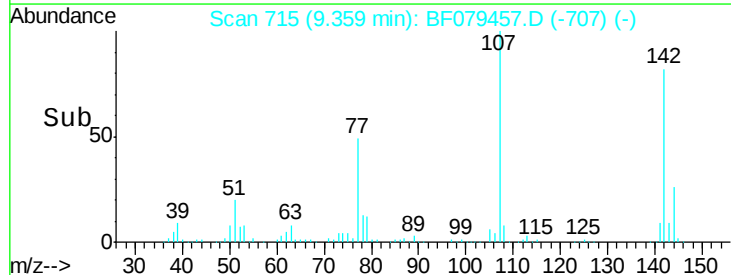
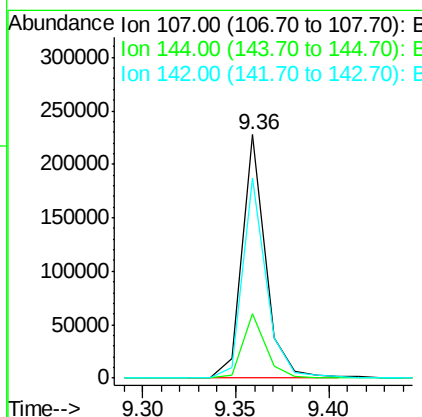
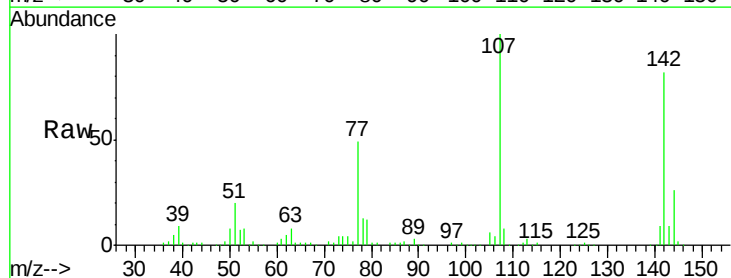
RT: 9.36 min Scan# 715

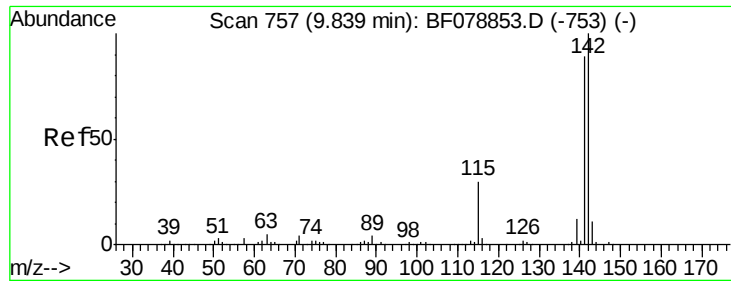
Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	107	Resp:	201810
Ion Ratio	Lower	Upper	
107	100		
144	26.4	22.5	33.7
142	82.4	68.6	103.0





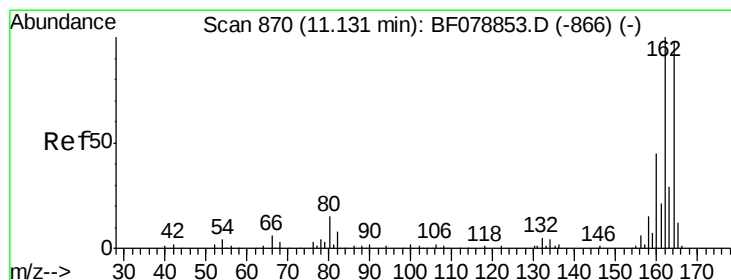
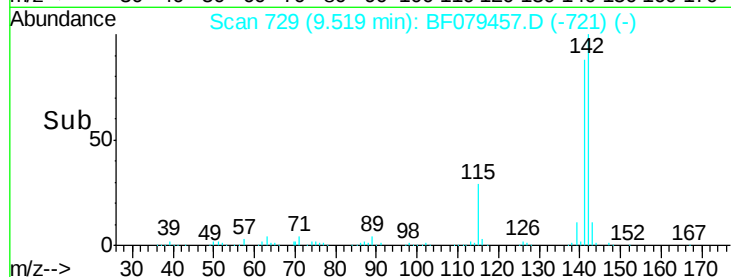
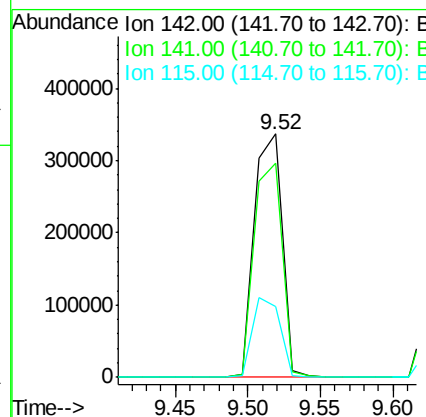
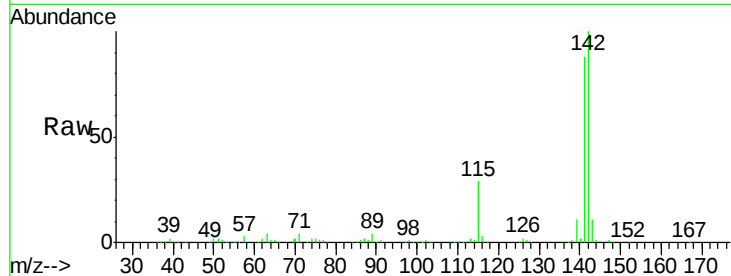
#37
2-Methylnaphthalene
Concen: 52.85 ng
RT: 9.52 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.6	107.4
115	29.3	24.2	36.4

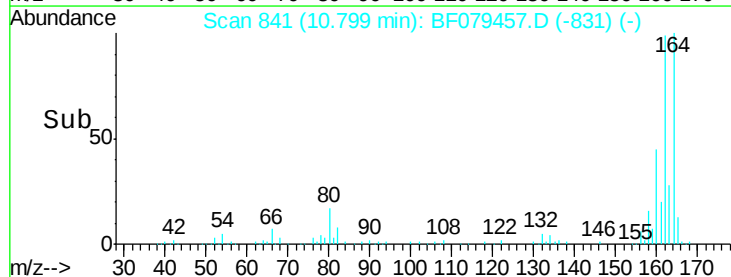
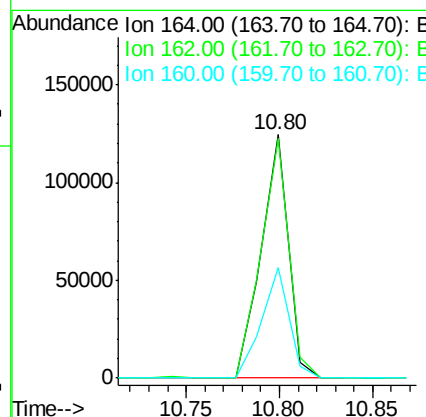
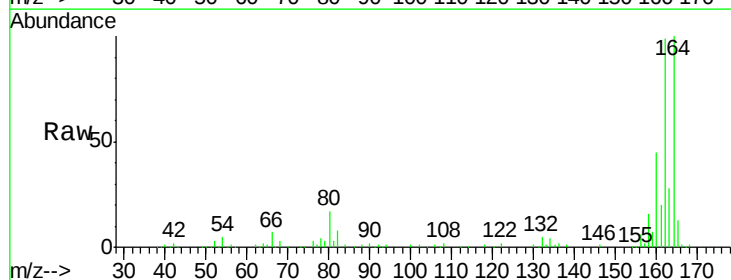
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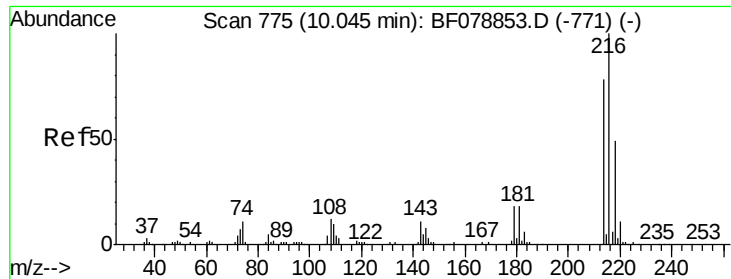
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	45.4	36.6	54.8





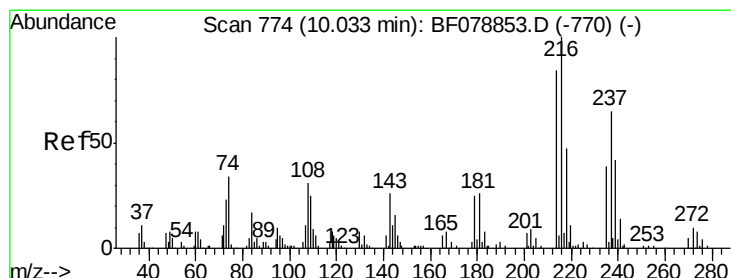
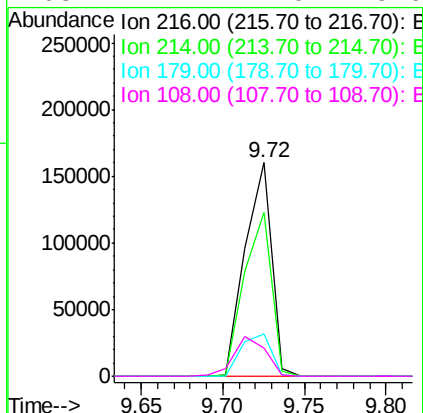
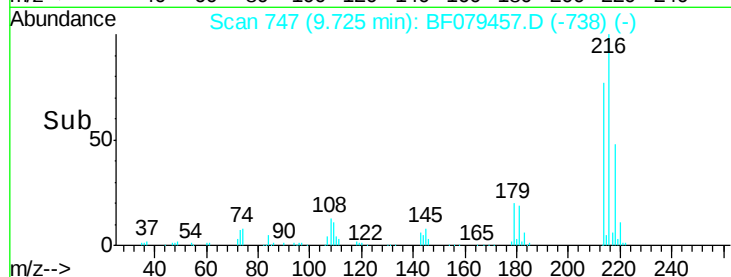
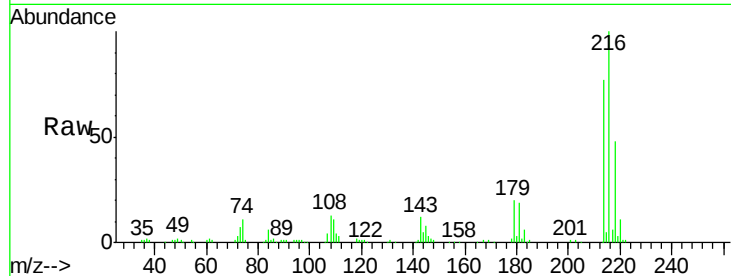
#39
1,2,4,5-Tetrachlorobenzene
Concen: 51.17 ng
RT: 9.72 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampled :
SB-31SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.4		64.0	96.0	
179	22.4		17.0	25.4	
108	22.2		17.0	25.6	

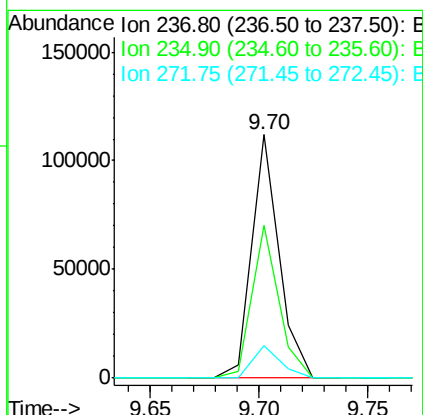
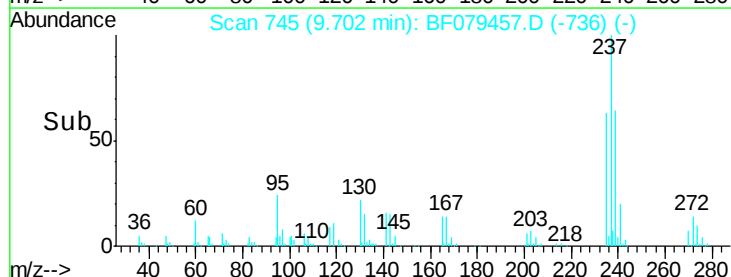
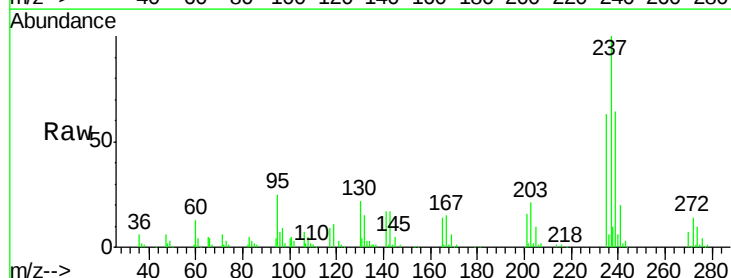
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#40
Hexachlorocyclopentadiene
Concen: 54.92 ng
RT: 9.70 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0		40.0	80.0	
272	13.6		0.0	36.0	





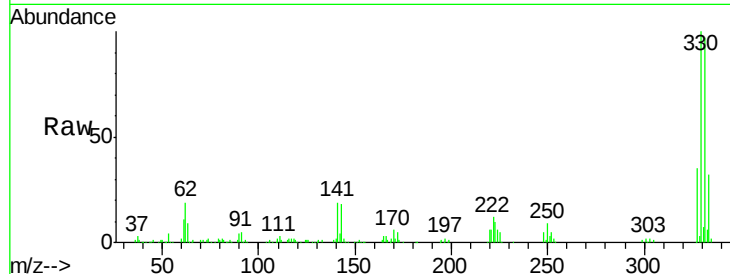
#41
 2,4,6-Tribromophenol
 Concen: 172.60 ng
 RT: 11.78 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

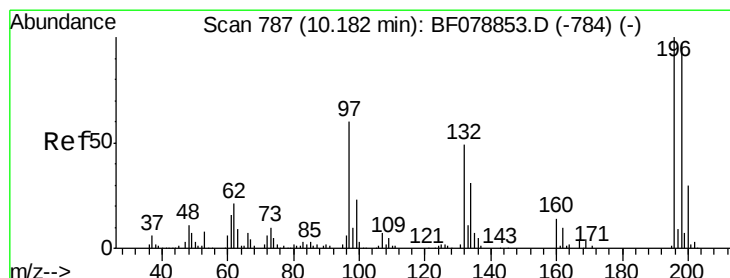
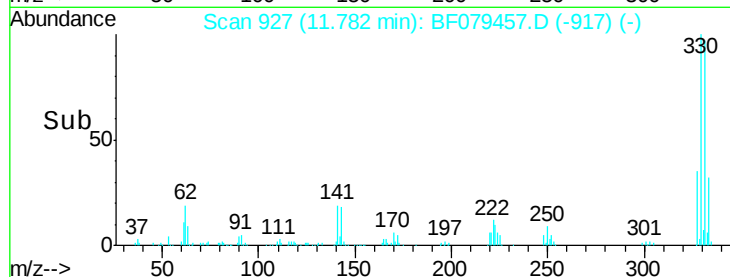
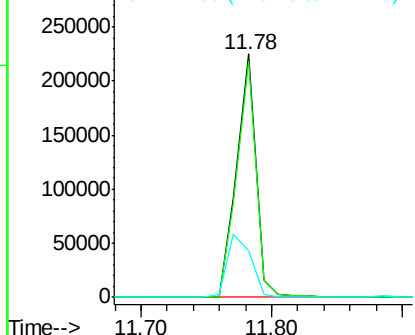
Tot Ion	Ratio	Resp	Lower	Upper
330	100	233869		
332	96.5	76.9	115.3	
141	32.0	27.8	41.8	

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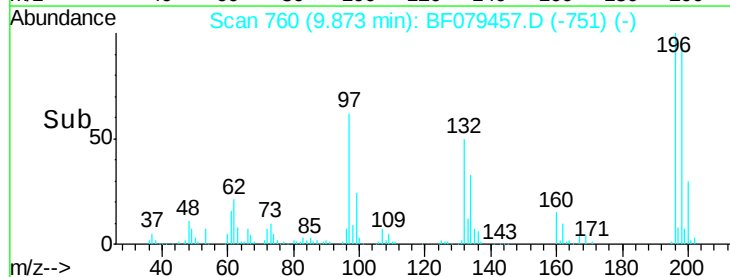
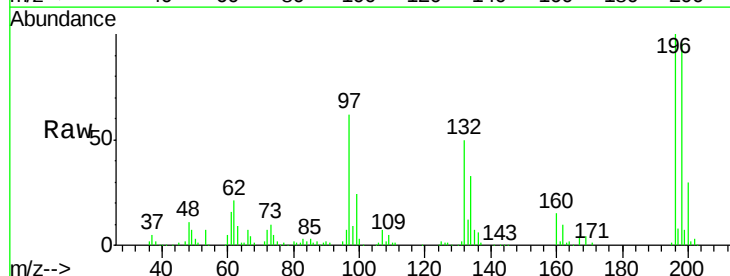
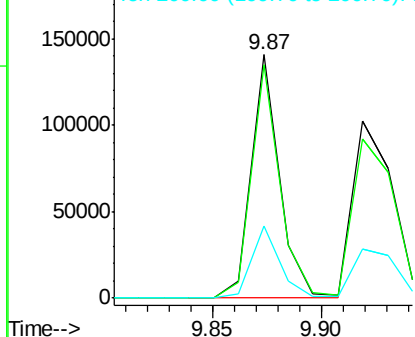
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 52.39 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127054		
198	95.6	77.4	116.2	
200	29.7	23.7	35.5	

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





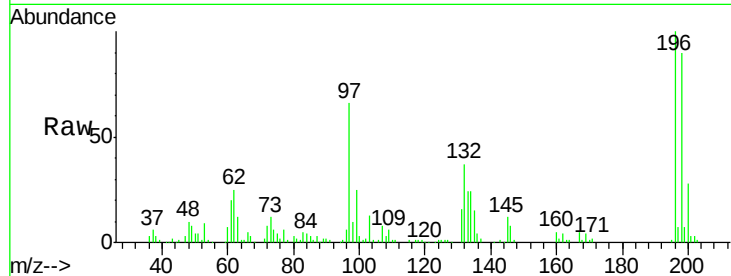
#43
 2,4,5-Trichlorophenol
 Concen: 53.03 ng
 RT: 9.92 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

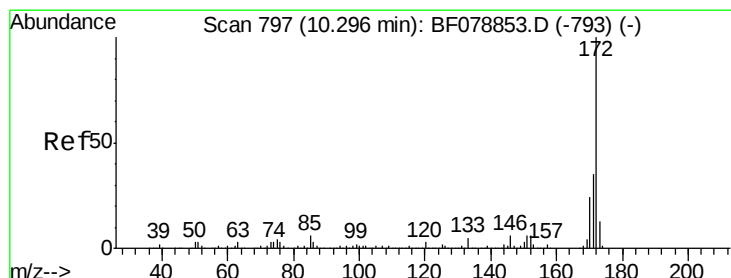
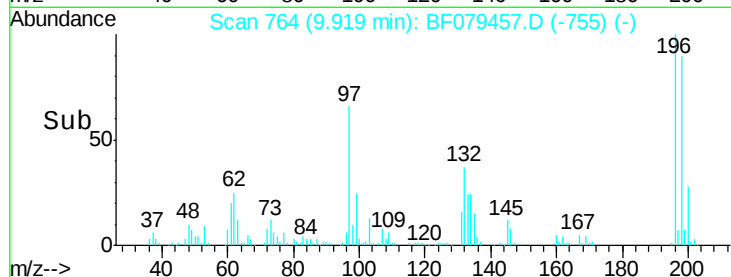
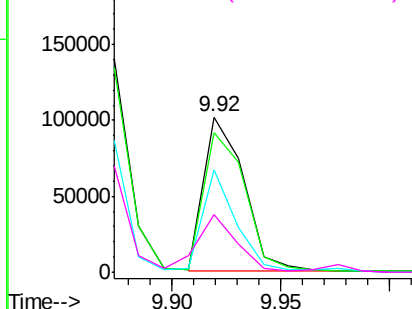
Tot Ion	196	Resp	130013
Ion Ratio	Lower	Upper	
196	100		
198	89.9	77.3	115.9
97	66.1	31.3	46.9#
132	37.5	19.7	29.5#

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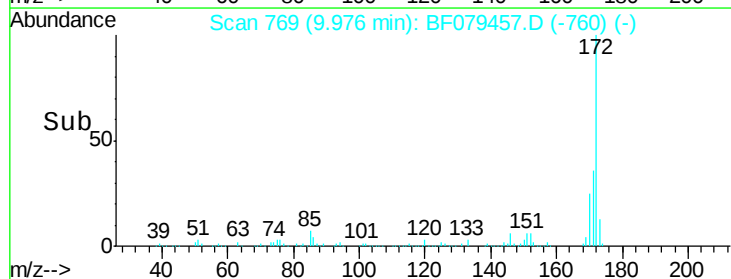
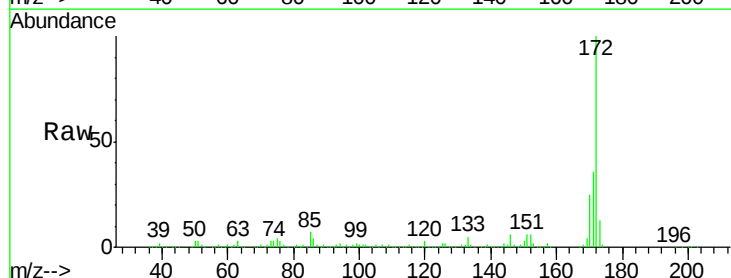
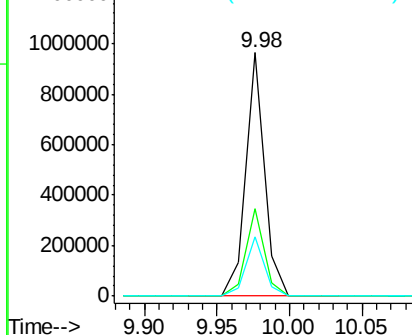
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

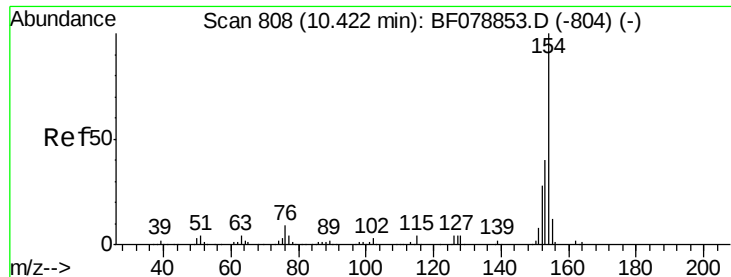


#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 9.98 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	172	Resp	862083
Ion Ratio	Lower	Upper	
172	100		
171	35.7	28.3	42.5
170	24.5	19.4	29.2

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





#45

1,1'-Biphenyl

Concen: 53.96 ng

RT: 10.10 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

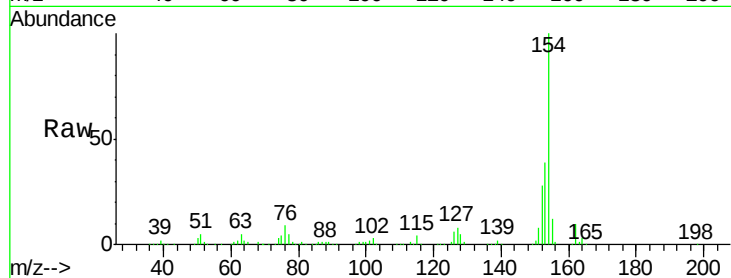
ClientSampled :

SB-31SMS

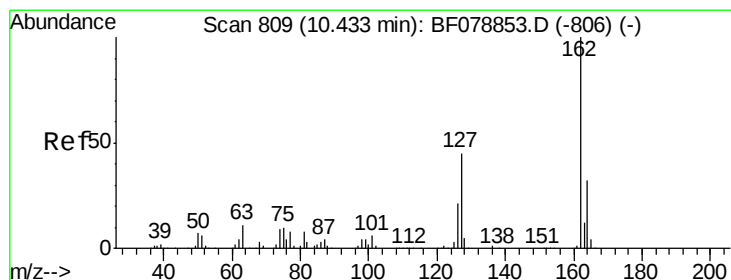
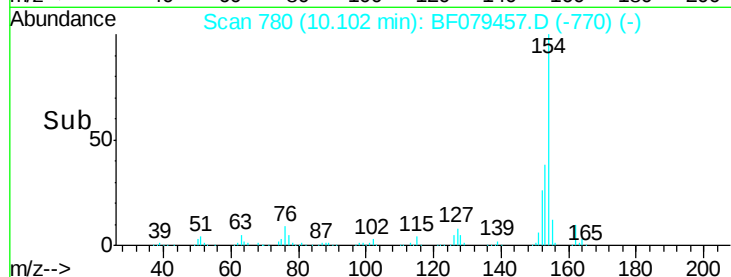
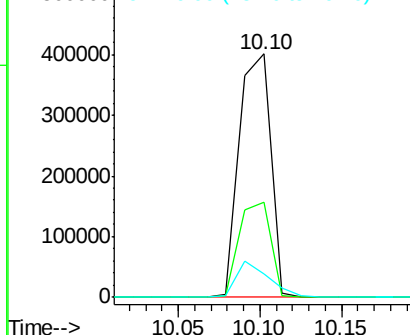
Tot Ion:	154	Resp:	537262
Ion Ratio	Lower	Upper	
154	100		
153	39.0	19.7	59.7
76	9.4	0.0	29.1

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



#46

2-Chloronaphthalene

Concen: 53.09 ng

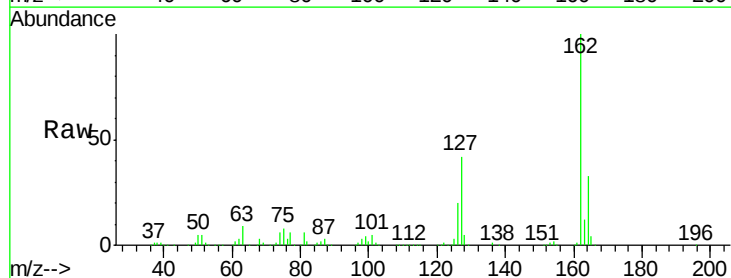
RT: 10.11 min Scan# 781

Delta R.T. -0.00 min

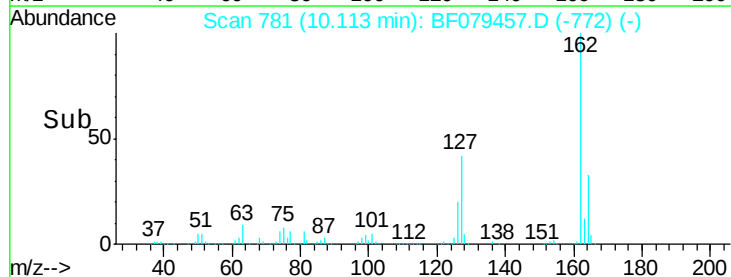
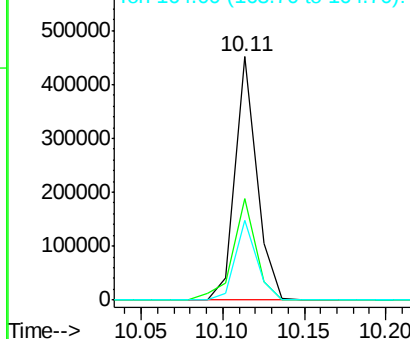
Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	162	Resp:	412290
Ion Ratio	Lower	Upper	
162	100		
127	41.6	36.3	54.5
164	32.5	25.9	38.9



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





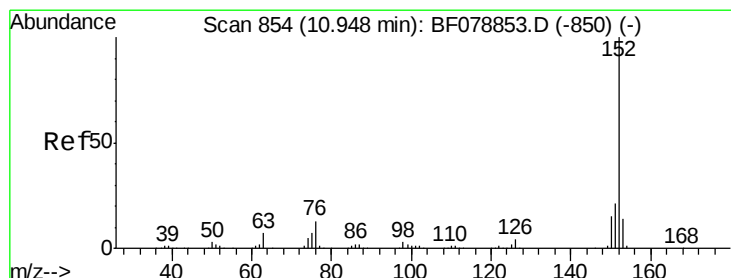
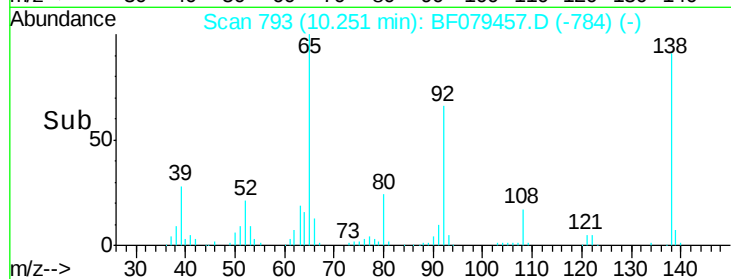
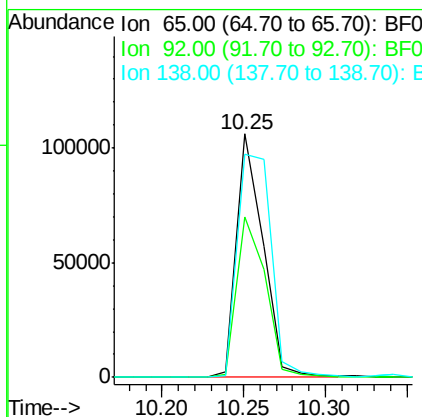
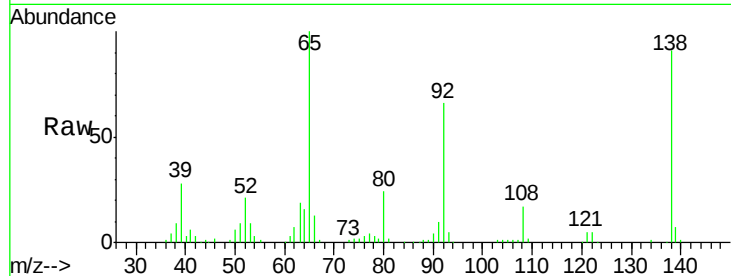
#47
2-Nitroaniline
Concen: 52.89 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119019		
92	66.0		49.1	73.7
138	91.4		63.2	94.8

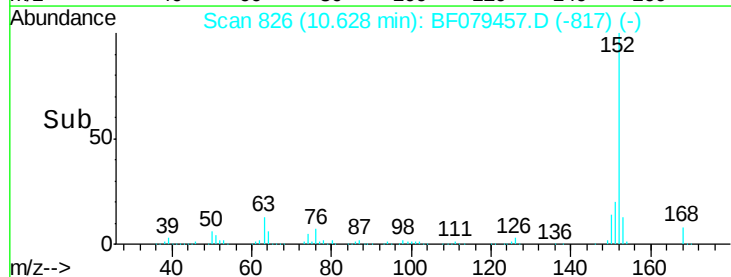
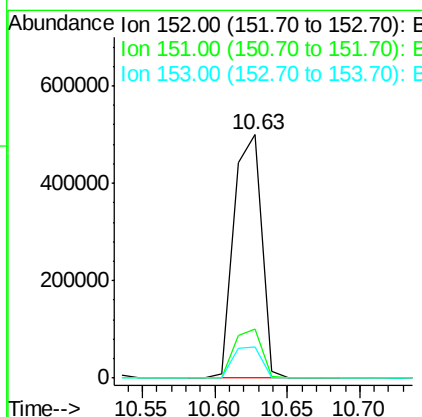
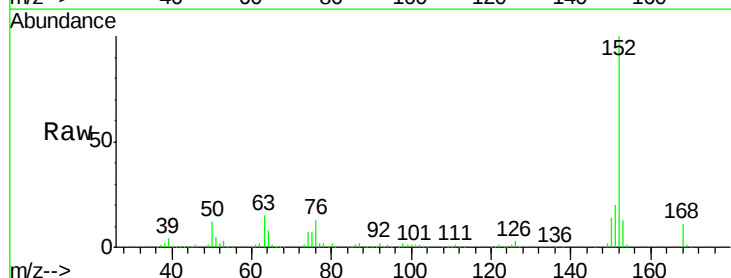
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#48
Acenaphthylene
Concen: 52.24 ng
RT: 10.63 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	666129		
151	19.9		16.6	24.8
153	12.7		11.0	16.6





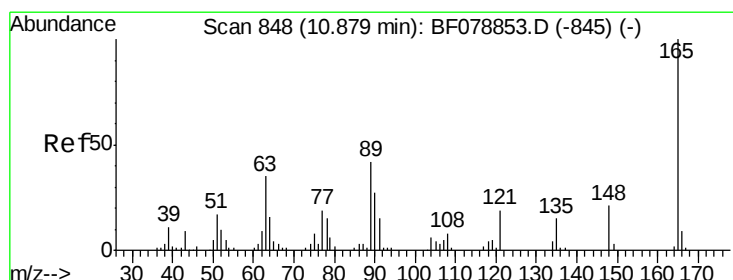
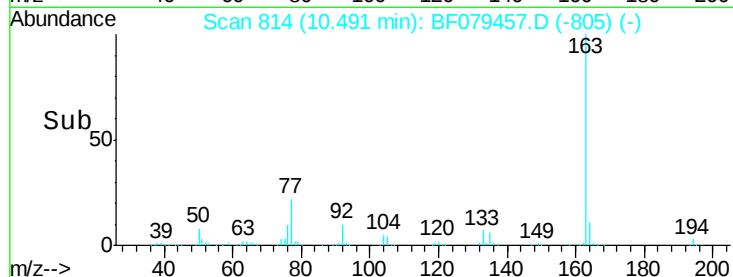
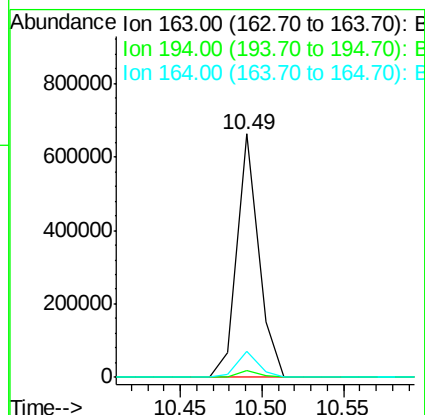
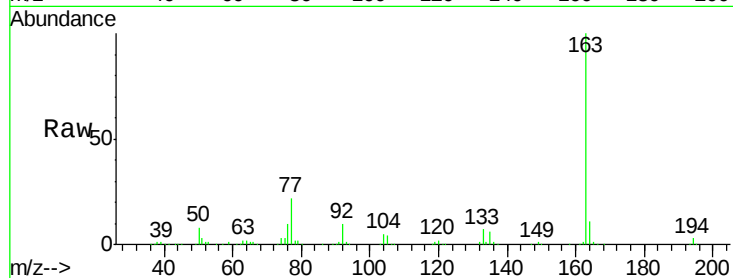
#49
Dimethylphthalate
Concen: 66.08 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	607440		
194	3.0		2.4	3.6
164	10.6		8.6	12.8

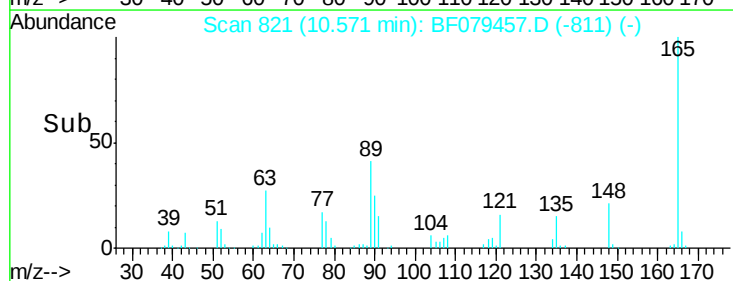
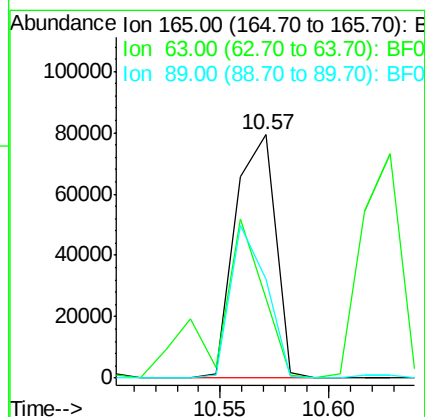
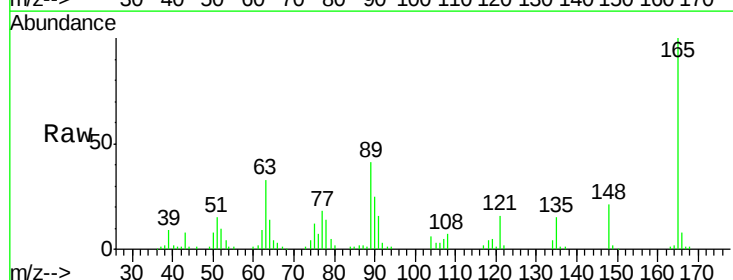
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#50
2,6-Dinitrotoluene
Concen: 55.89 ng
RT: 10.57 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	101398		
63	32.6		29.2	43.8
89	40.9		33.3	49.9





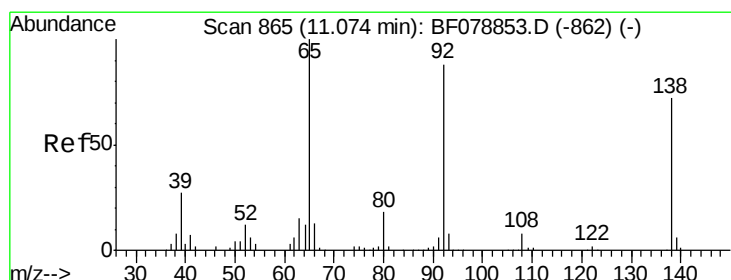
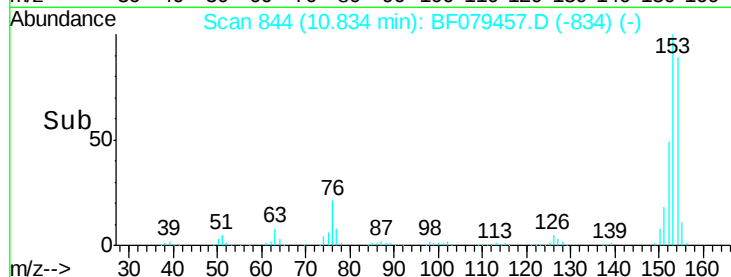
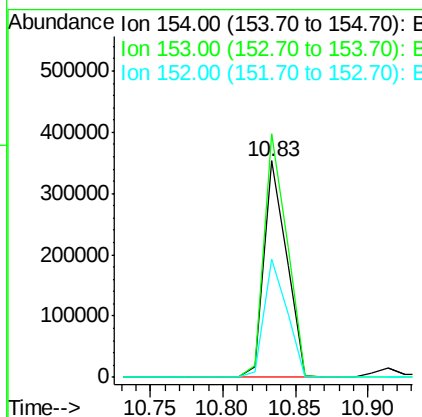
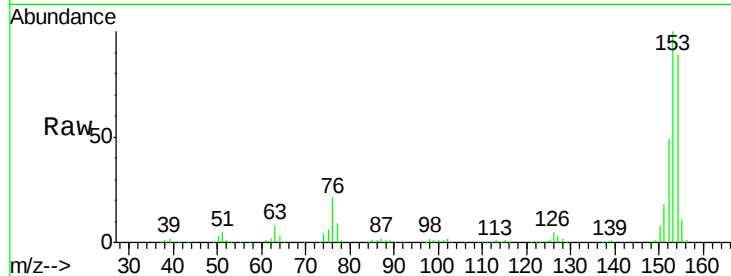
#51
Acenaphthene
Concen: 50.08 ng
RT: 10.83 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampled :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.2	135.2
152	54.9	43.8	65.8

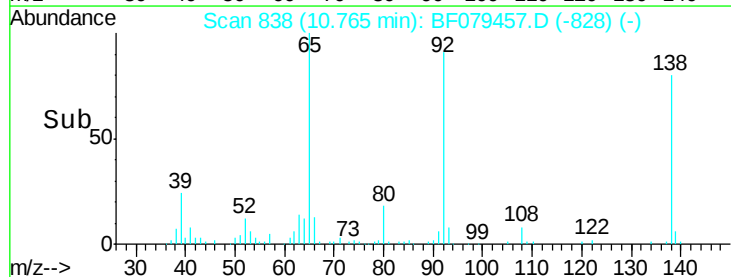
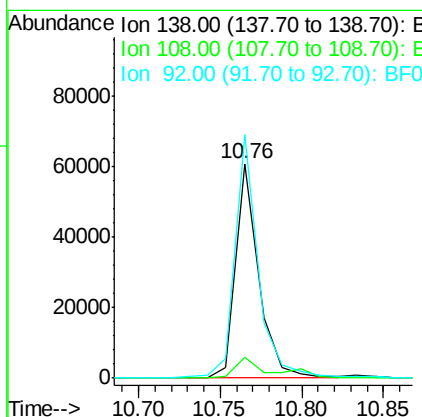
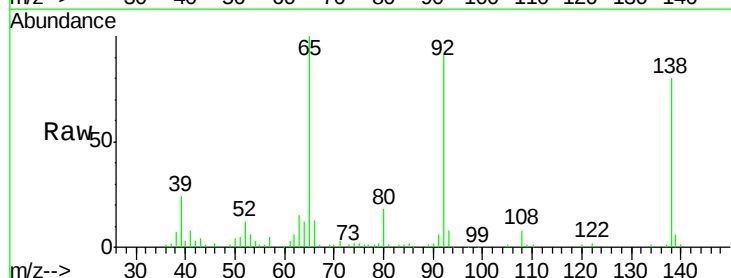
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#52
3-Nitroaniline
Concen: 26.08 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.5	12.7
92	113.5	97.4	146.0





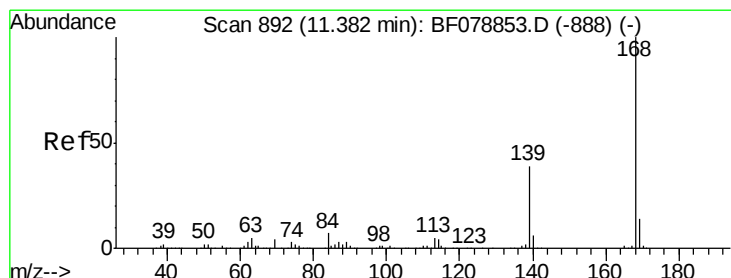
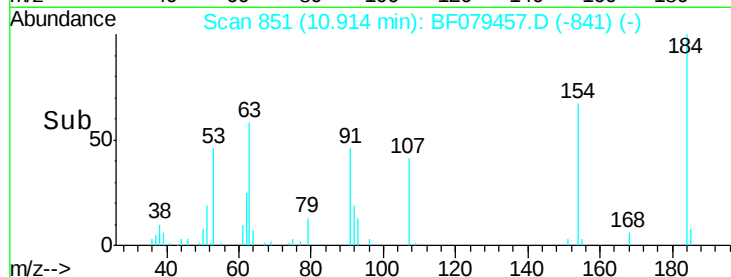
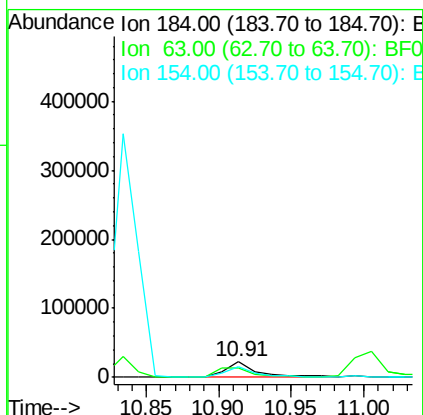
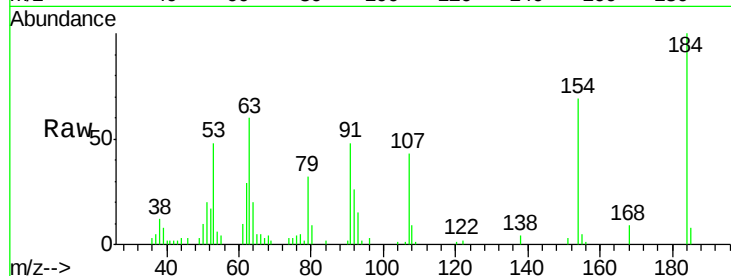
#53
2,4-Dinitrophenol
Concen: 55.67 ng
RT: 10.91 min Scan# 851
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.7	98.8	148.2	#
154	69.2	63.4	95.0	

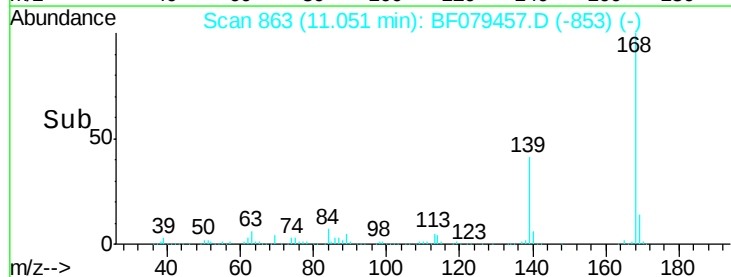
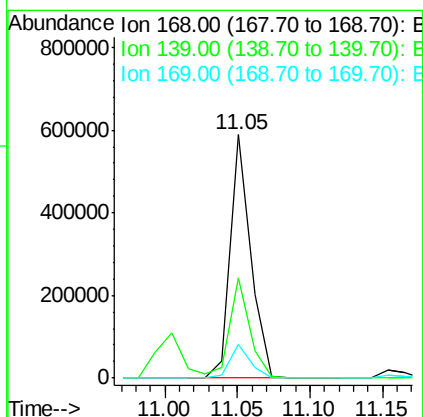
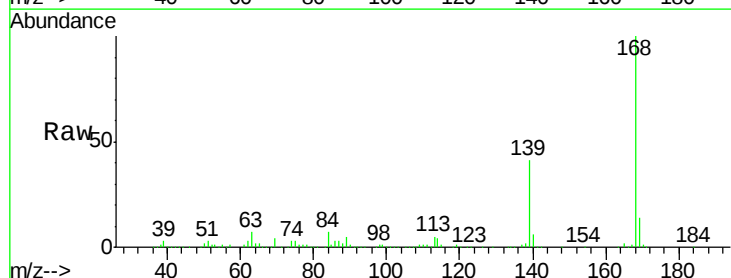
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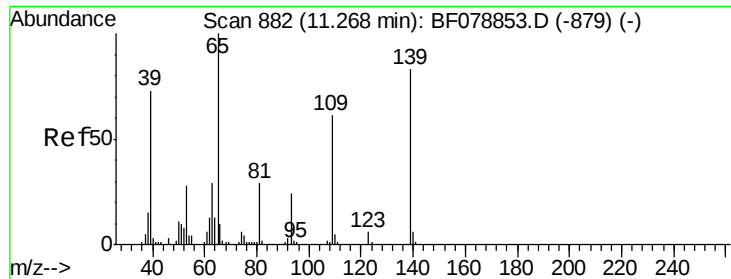
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#54
Dibenzofuran
Concen: 52.33 ng
RT: 11.05 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.2	31.5	47.3	
169	13.7	11.0	16.4	





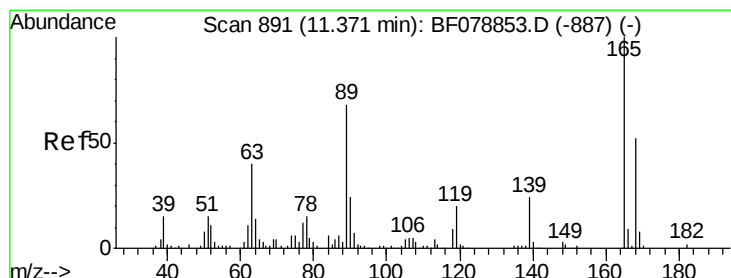
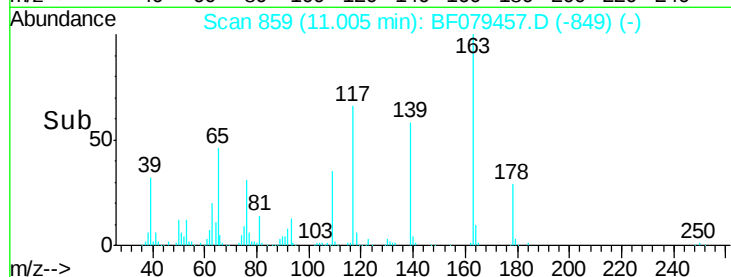
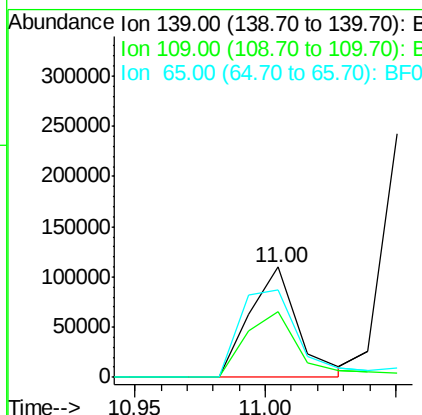
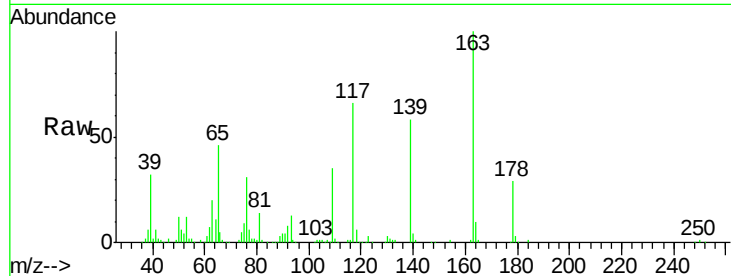
#55
4-Nitrophenol
Concen: 79.04 ng
RT: 11.00 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.6	54.4	94.4	
65	80.1	101.0	141.0	

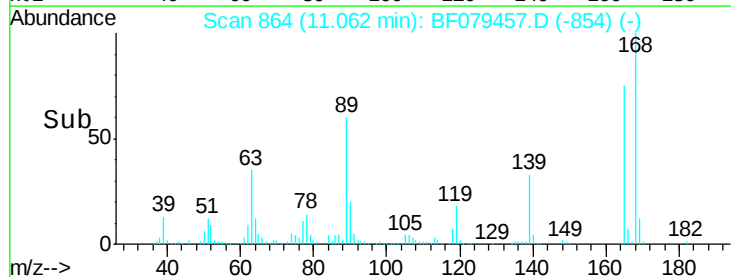
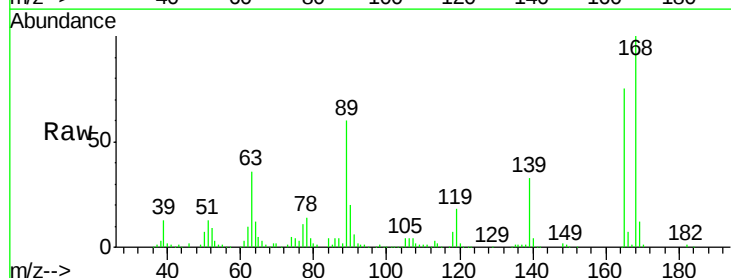
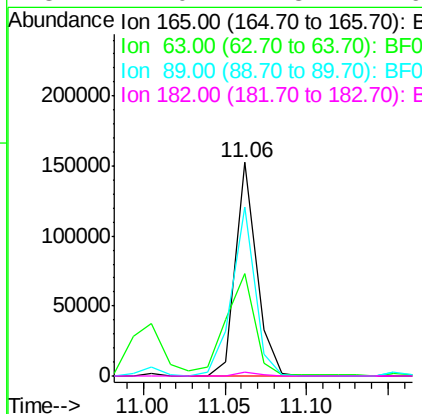
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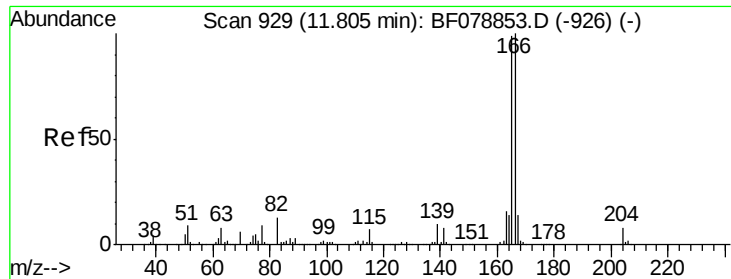
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#56
2,4-Dinitrotoluene
Concen: 56.71 ng
RT: 11.06 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.2	32.3	48.5	
89	79.3	54.6	81.8	
182	2.0	1.8	2.6	





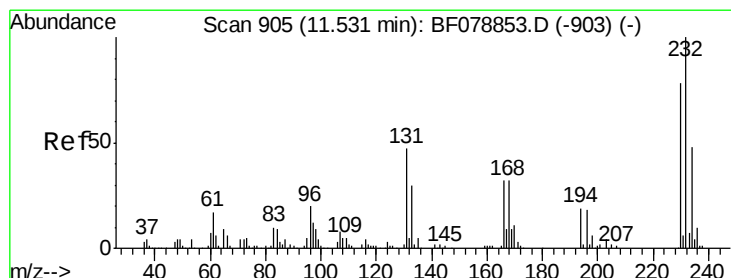
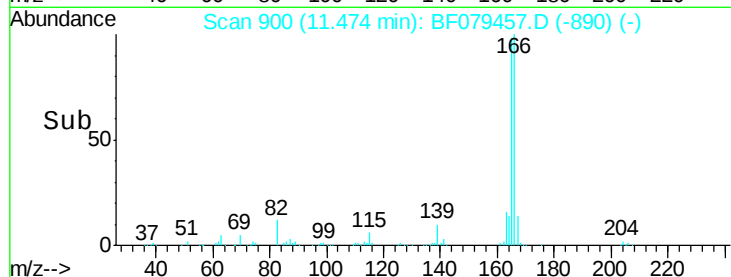
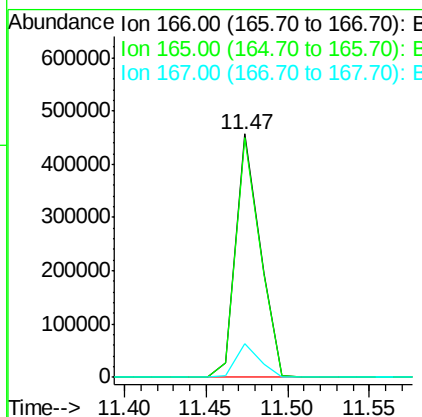
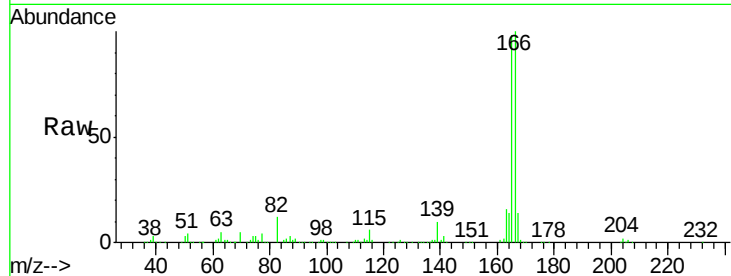
#57
 Fluorene
 Concen: 52.15 ng
 RT: 11.47 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		470144		
165	98.4	79.5	119.3		
167	13.7	11.0	16.6		

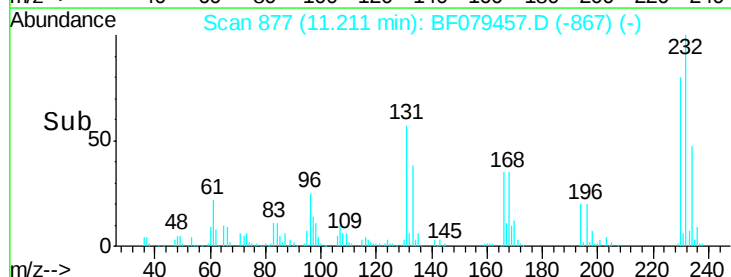
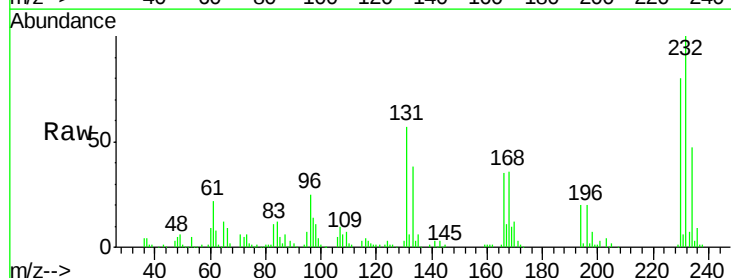
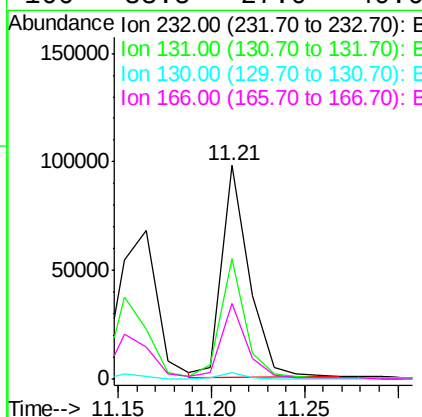
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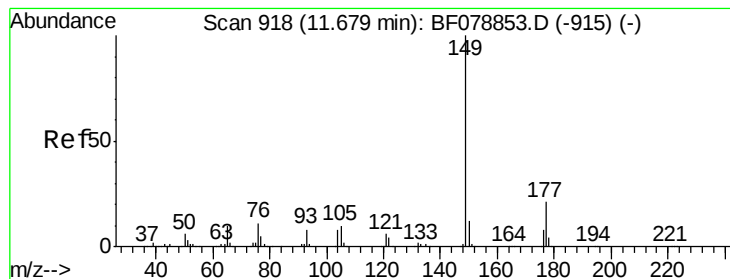
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.21 ng
 RT: 11.21 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100		100597		
131	52.4	41.9	62.9		
130	2.8	1.9	2.9		
166	33.5	27.0	40.6		





#59

Diethylphthalate

Concen: 51.87 ng

RT: 11.37 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

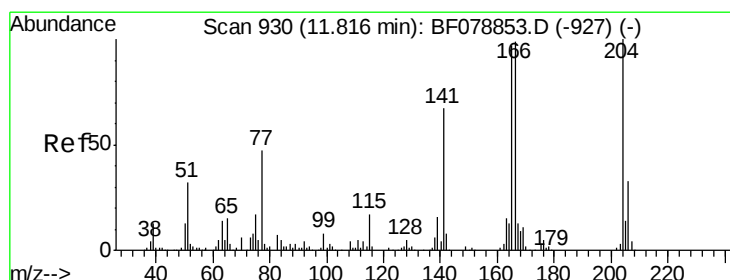
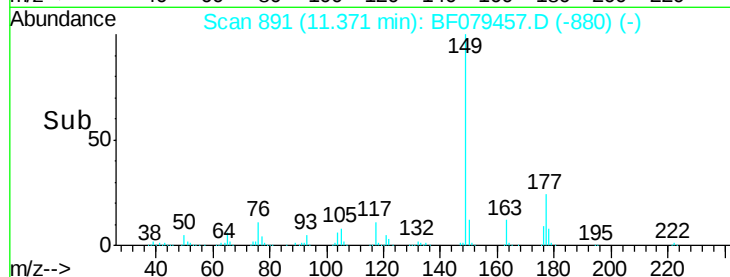
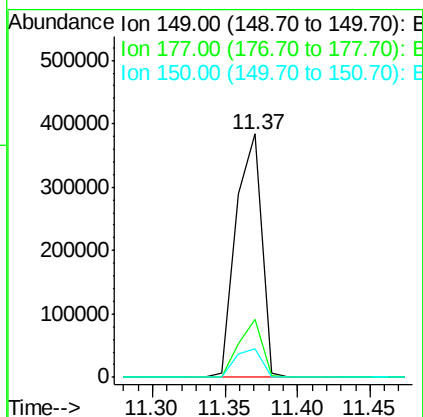
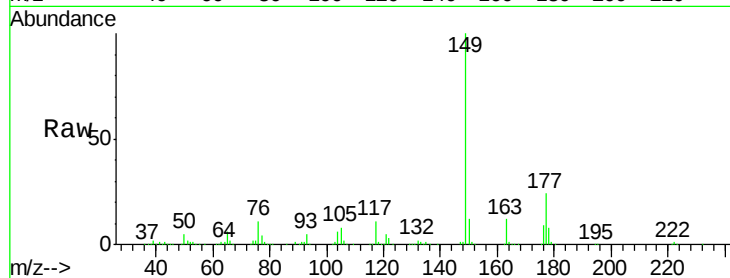
ClientSampled :

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Tot Ion:	149	Resp:	472325
Ion Ratio	Lower	Upper	
149	100		
177	23.7	16.4	24.6
150	11.9	9.8	14.6

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#60

4-Chlorophenyl-phenylether

Concen: 50.81 ng

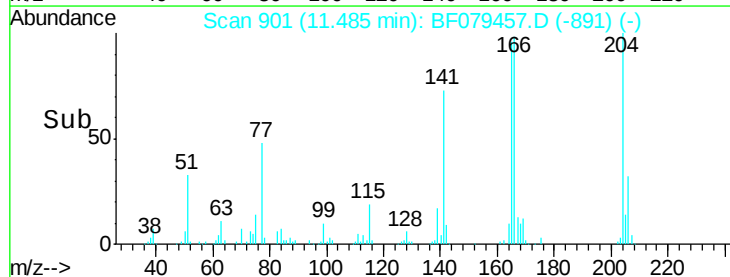
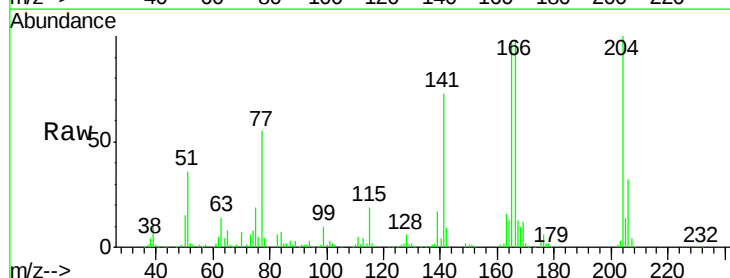
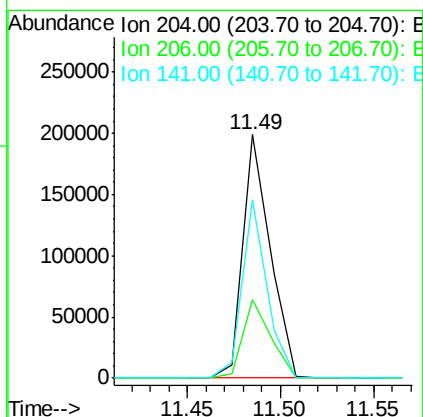
RT: 11.49 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	204	Resp:	203235
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.4
141	73.4	53.6	80.4





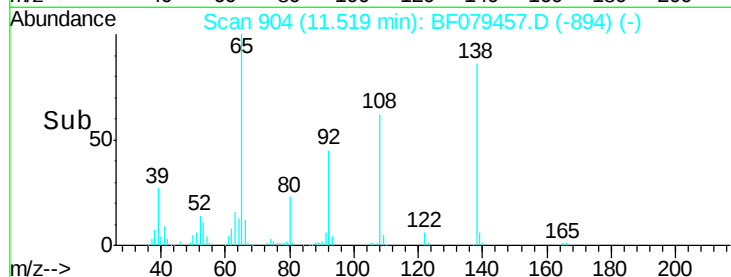
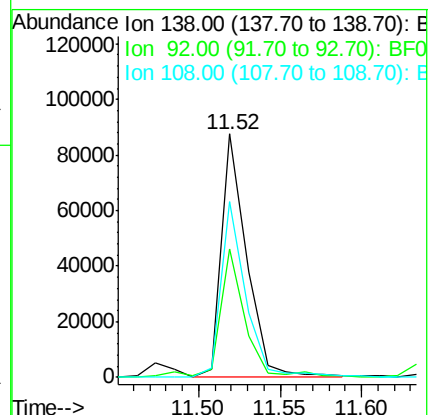
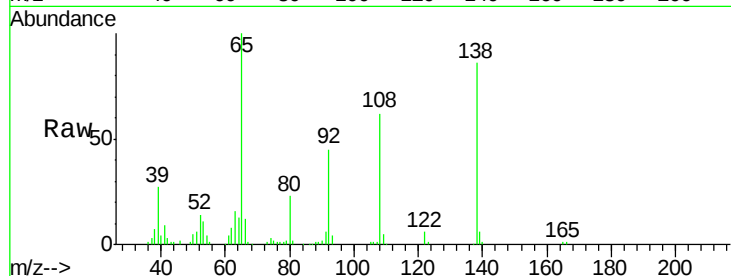
#61
4-Nitroaniline
Concen: 41.00 ng
RT: 11.52 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.8	33.7	73.7
108	72.0	53.4	93.4

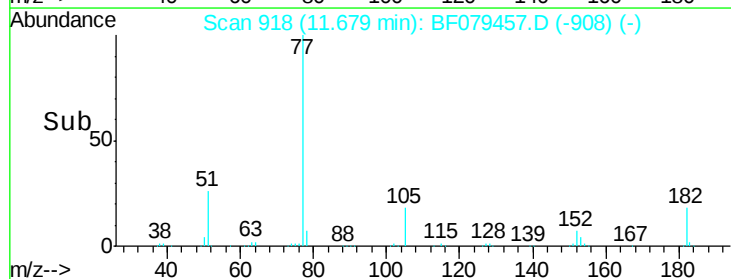
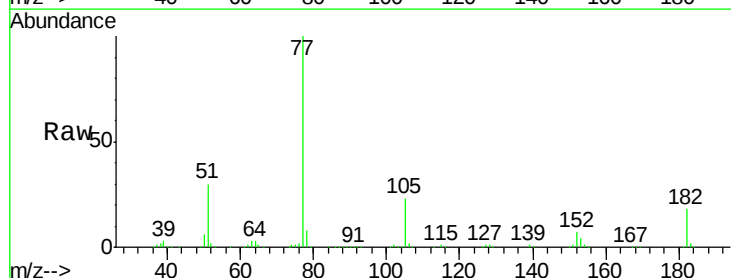
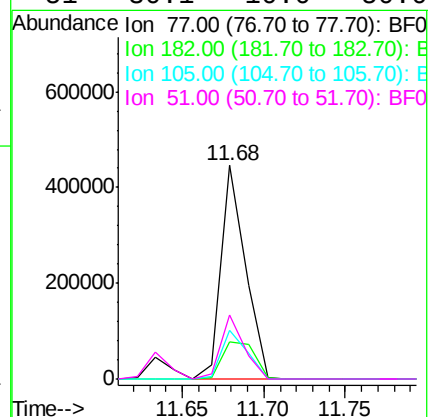
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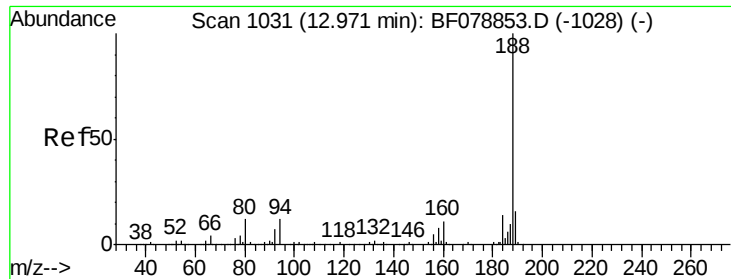
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#62
Azobenzene
Concen: 51.53 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.5	0.0	40.0
105	22.6	2.9	42.9
51	30.1	10.0	50.0





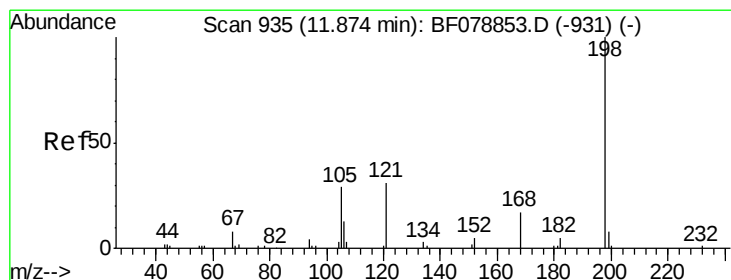
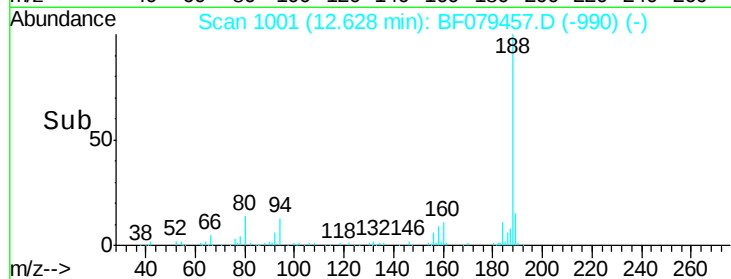
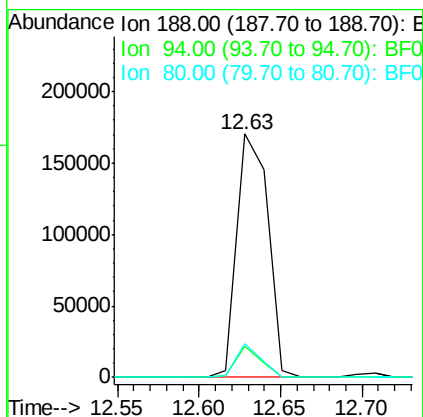
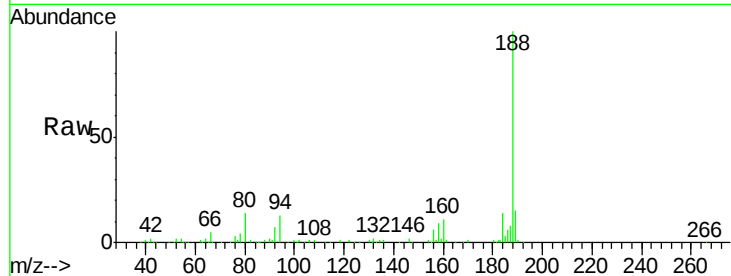
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	223567		
94	12.9		9.4	14.0
80	13.7		9.8	14.6

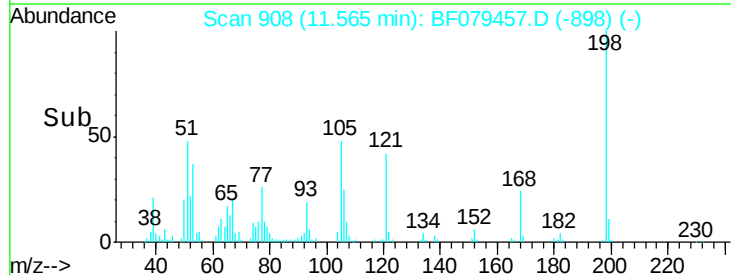
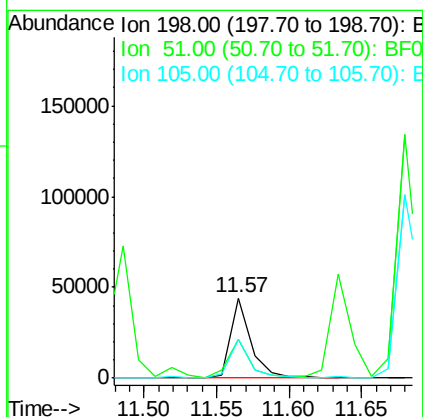
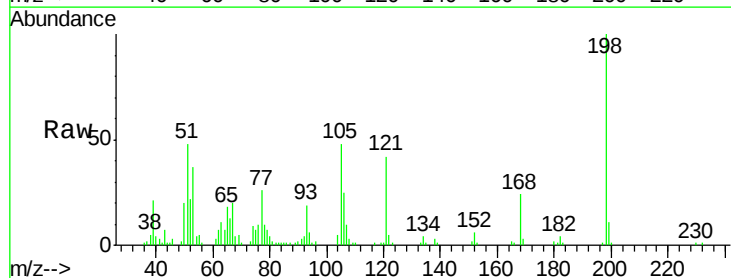
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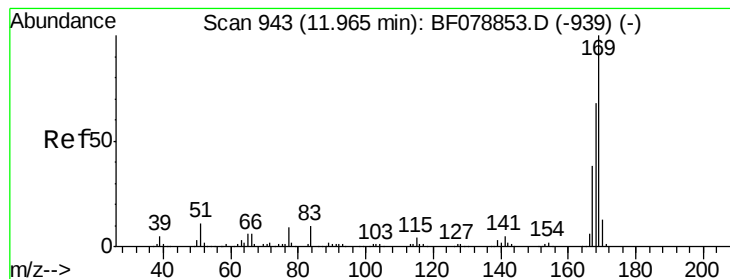
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.39 ng
RT: 11.57 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43946		
51	48.5		7.0	47.0#
105	48.0		13.7	53.7





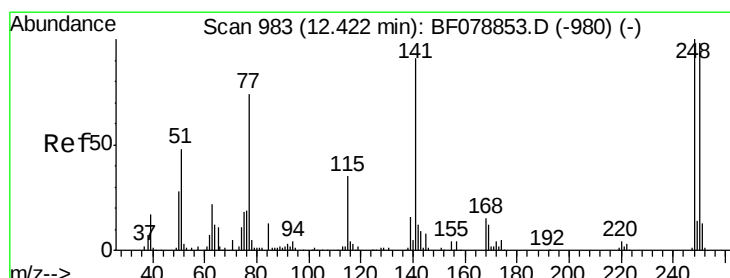
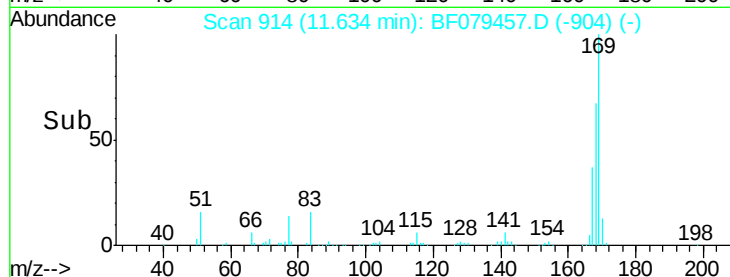
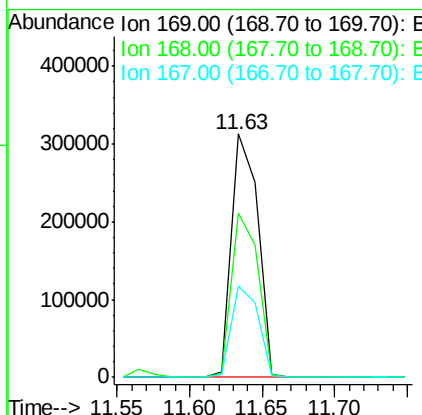
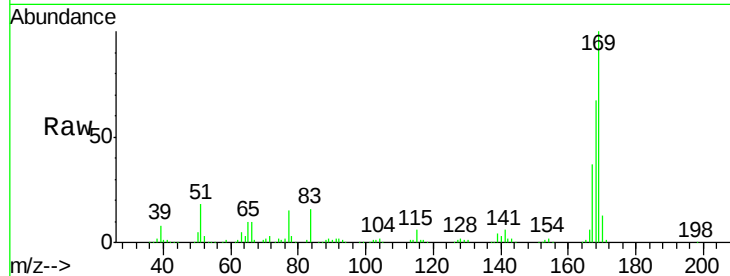
#65
 n-Nitrosodiphenylamine
 Concen: 53.30 ng
 RT: 11.63 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		396811		
168	67.4	54.1	81.1		
167	37.4	30.1	45.1		

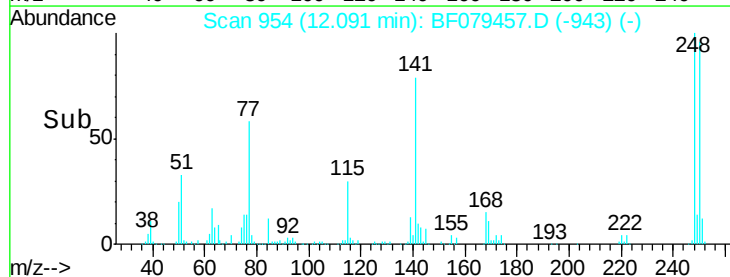
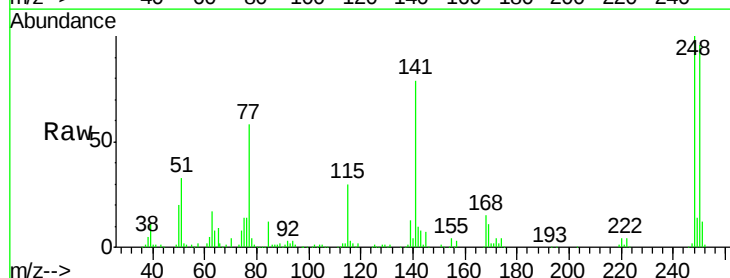
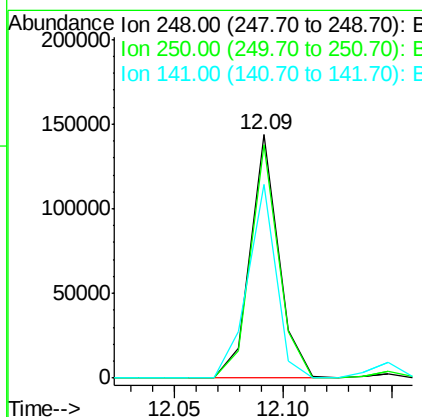
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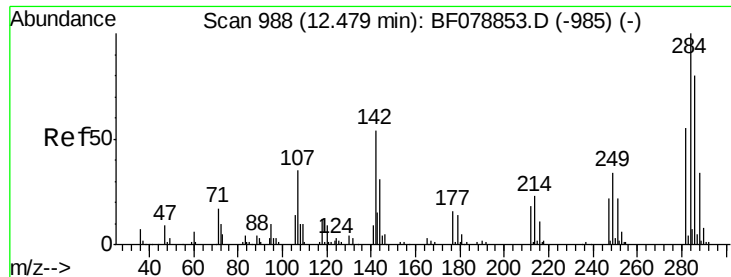
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#66
 4-Bromophenyl-phenylether
 Concen: 56.14 ng
 RT: 12.09 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		130835		
250	96.1	78.0	117.0		
141	79.3	72.6	109.0		





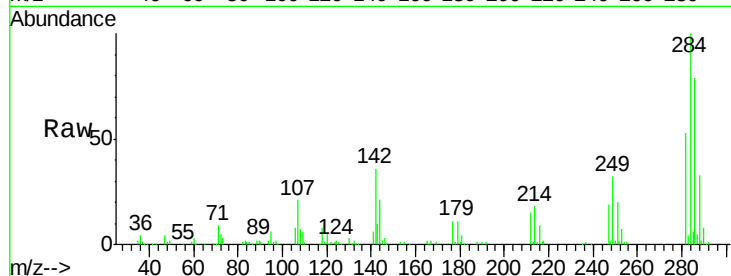
#67
Hexachlorobenzene
Concen: 54.75 ng
RT: 12.15 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

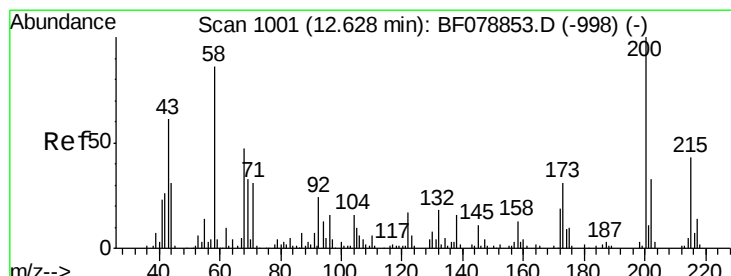
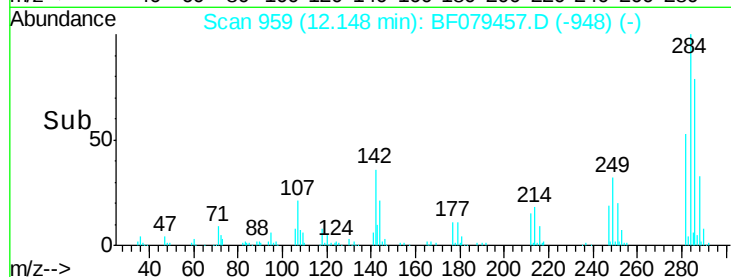
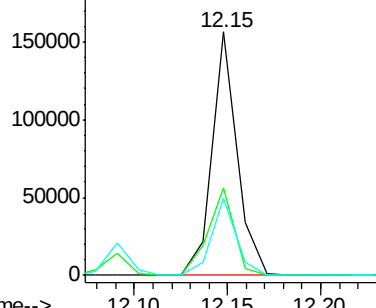
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	36.0	43.2	64.8#
249	31.6	27.5	41.3

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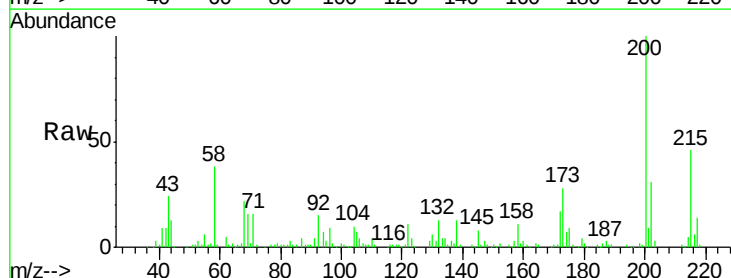


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

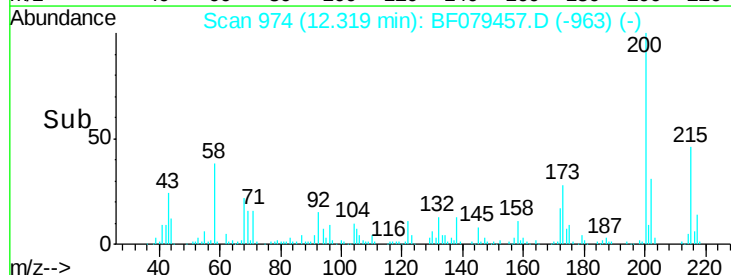
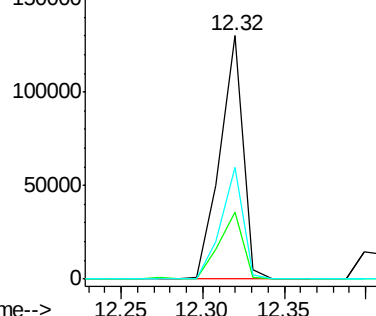


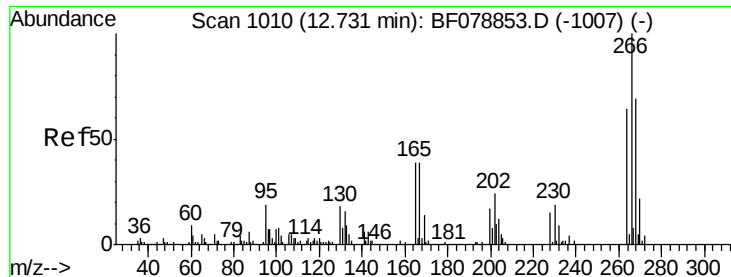
#68
Atrazine
Concen: 59.15 ng
RT: 12.32 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.6	10.9	50.9
215	45.8	23.2	63.2



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





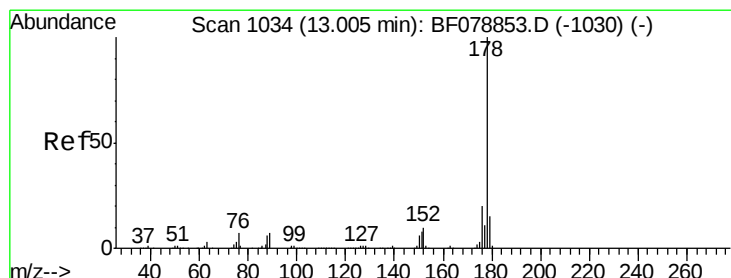
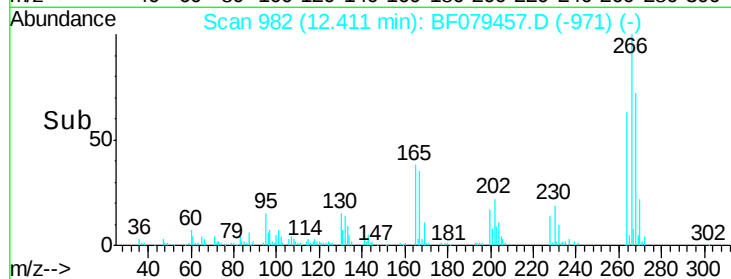
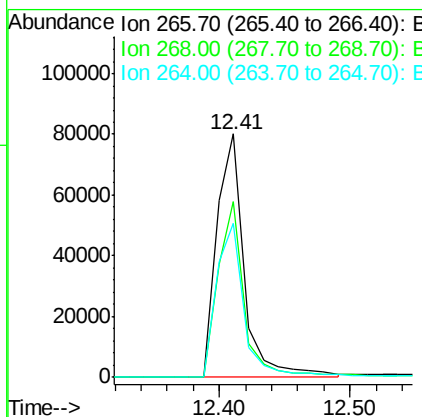
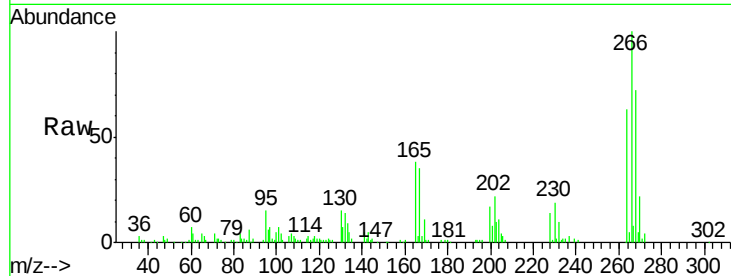
#69
 Pentachlorophenol
 Concen: 75.78 ng
 RT: 12.41 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	117480		
268	72.1	55.0	82.6	
264	63.5	50.9	76.3	

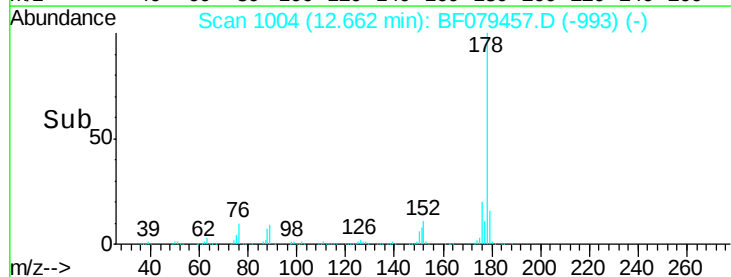
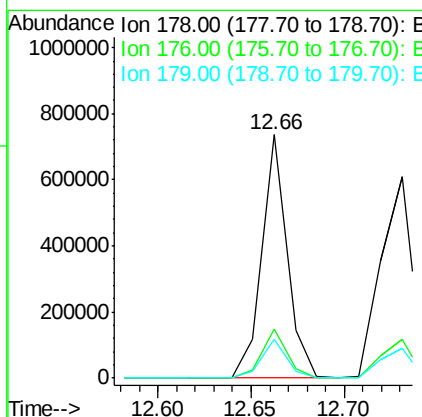
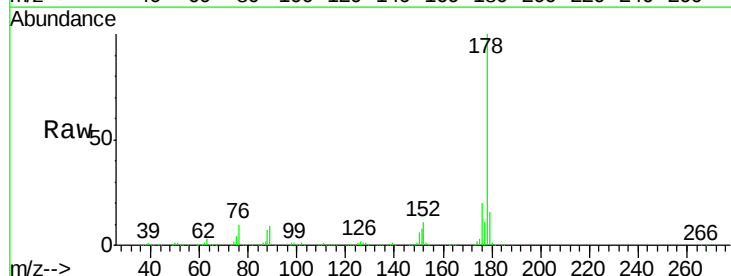
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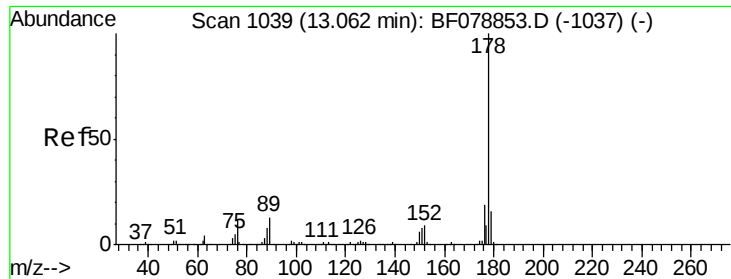
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#70
 Phenanthrene
 Concen: 54.94 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	687115		
176	20.2	15.9	23.9	
179	16.0	12.2	18.4	





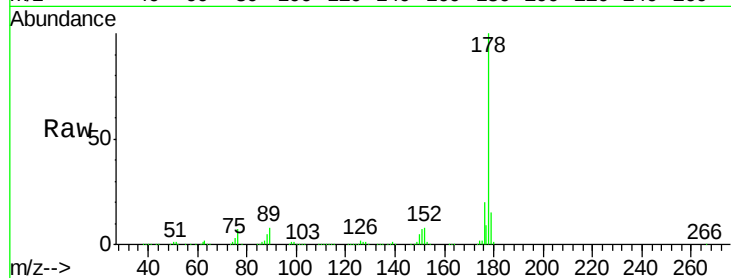
#71
 Anthracene
 Concen: 56.76 ng
 RT: 12.73 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

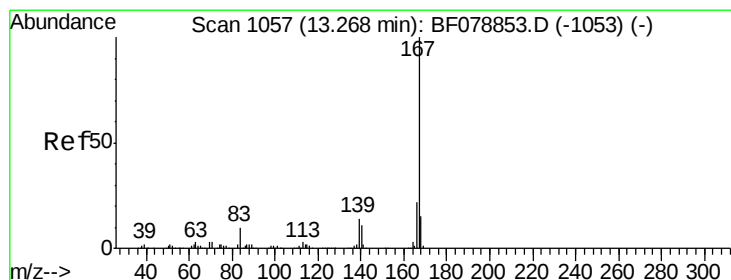
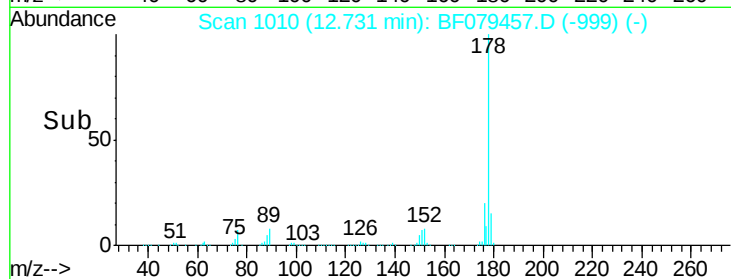
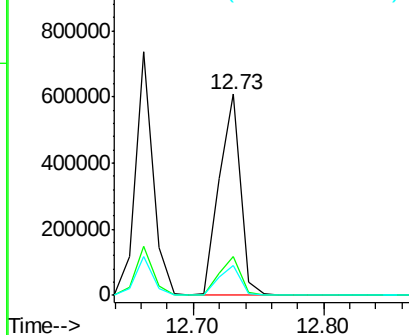
Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		696415		
176	19.5	15.3	22.9		
179	15.0	12.6	19.0		

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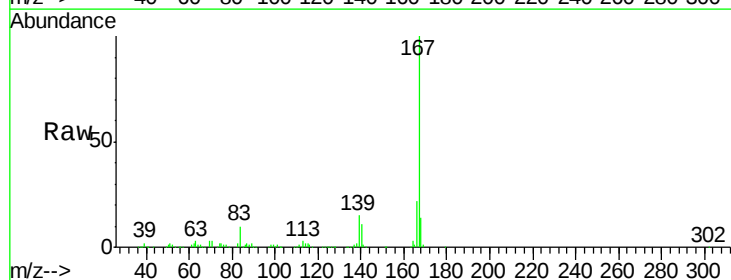


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

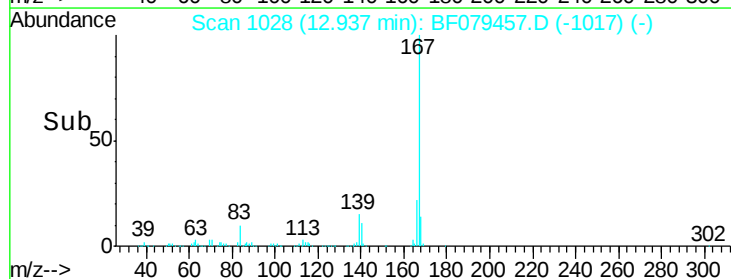
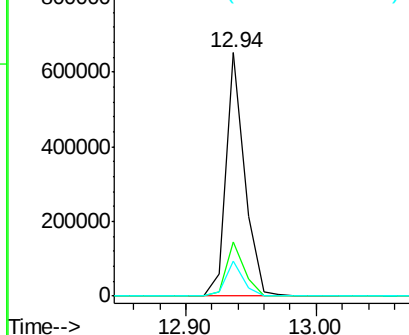


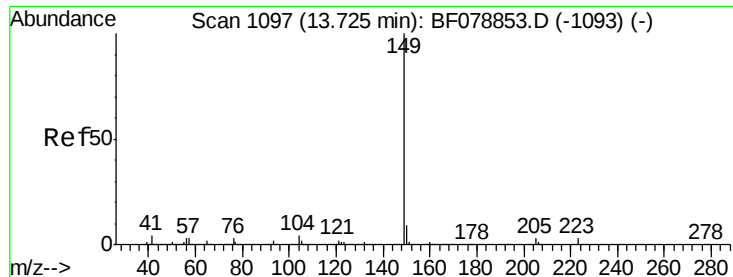
#72
 Carbazole
 Concen: 55.28 ng
 RT: 12.94 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		646441		
166	22.1	17.5	26.3		
139	14.6	11.0	16.4		



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 56.33 ng

RT: 13.39 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

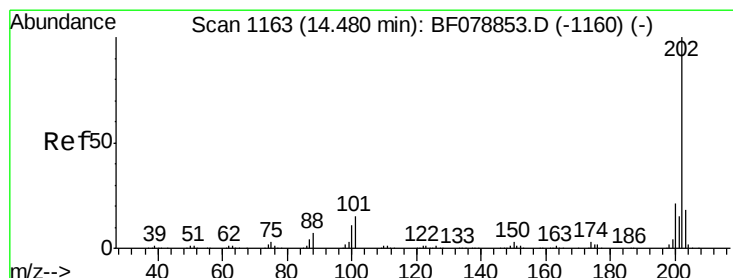
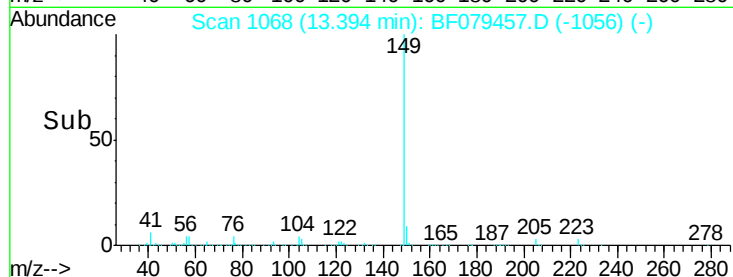
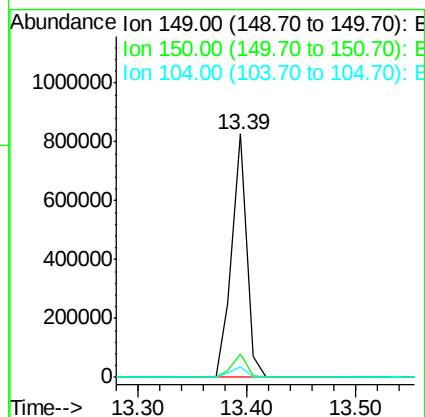
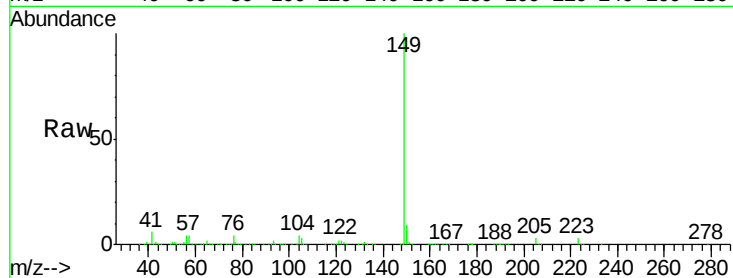
ClientSampleId :

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Tot Ion:	149	Resp:	790057
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.0	10.4
104	4.3	3.3	4.9

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#74

Fluoranthene

Concen: 58.40 ng

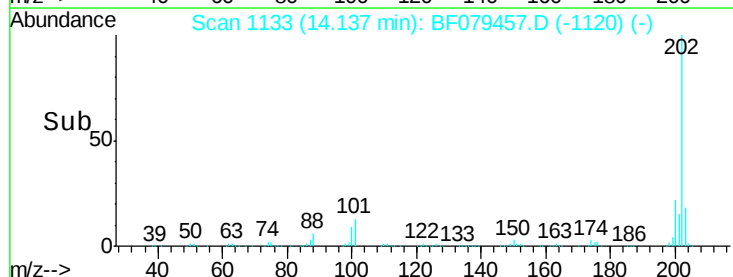
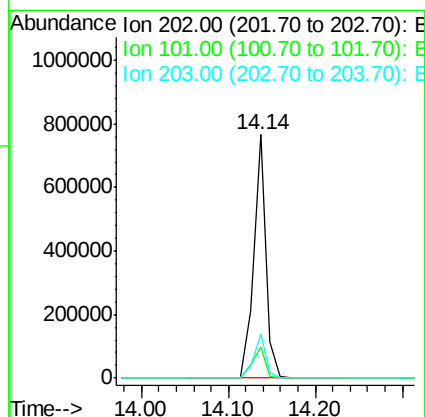
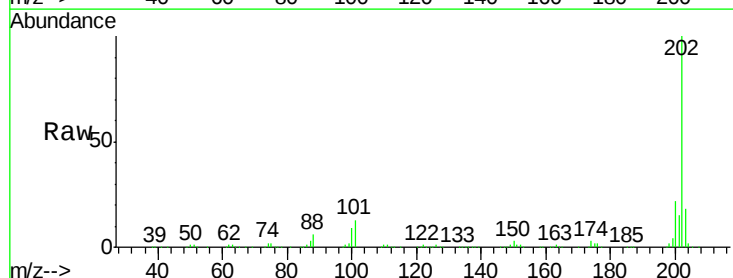
RT: 14.14 min Scan# 1133

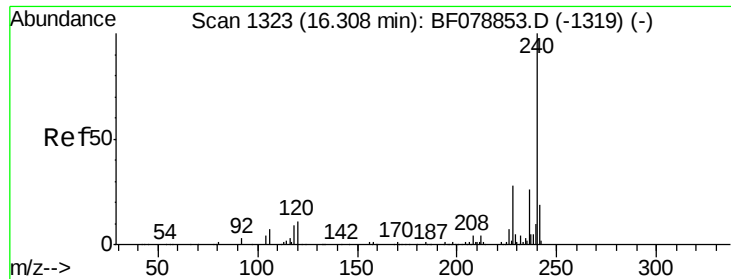
Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion:	202	Resp:	761155
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	34.7
203	18.1	0.0	37.9





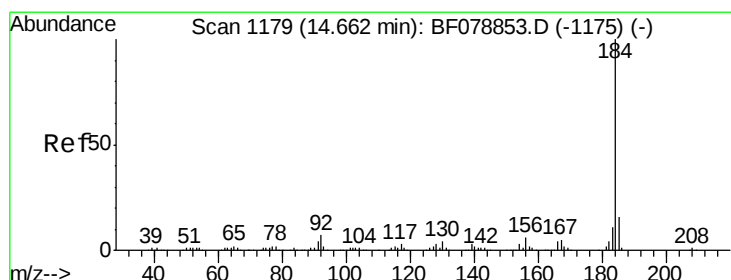
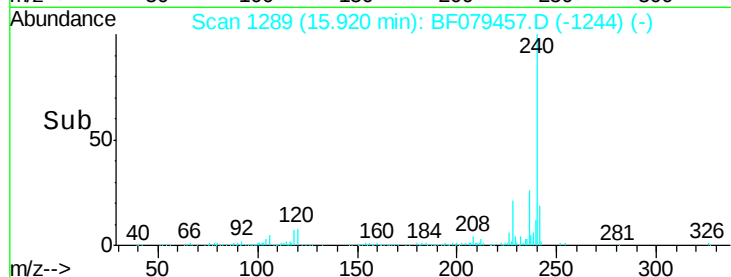
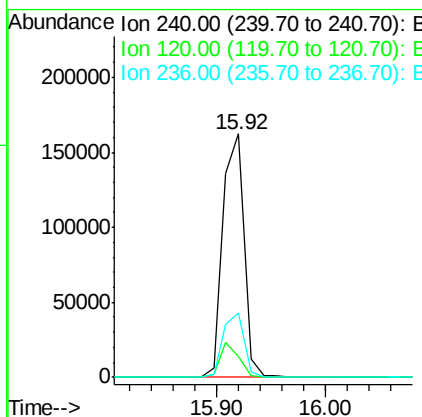
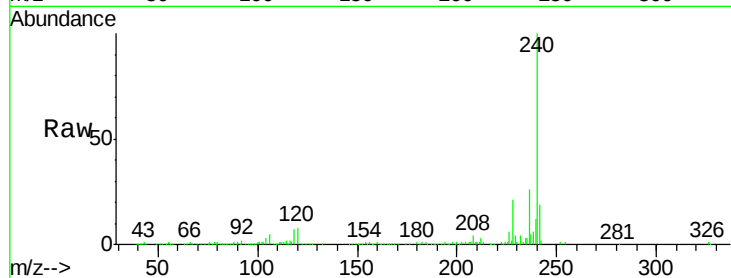
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 15.92 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	8.6	12.8#
236	26.3	21.0	31.6

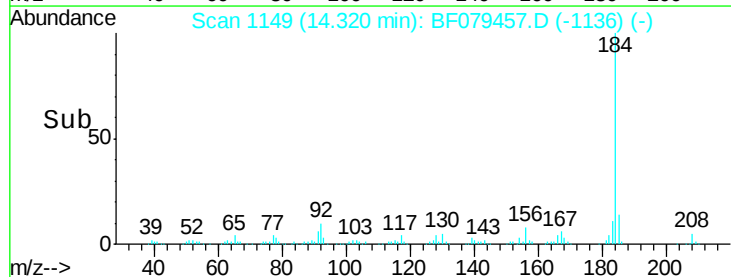
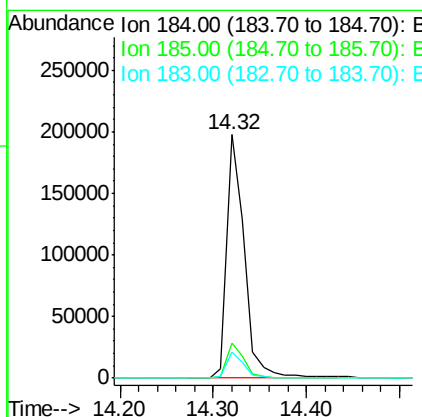
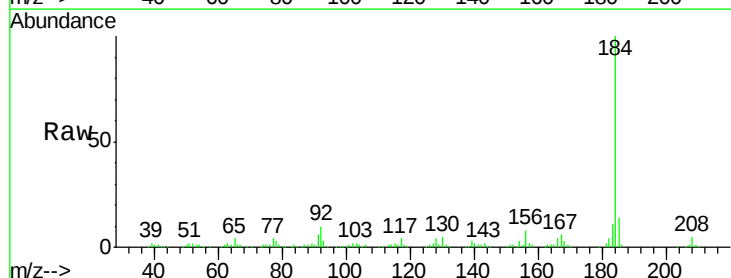
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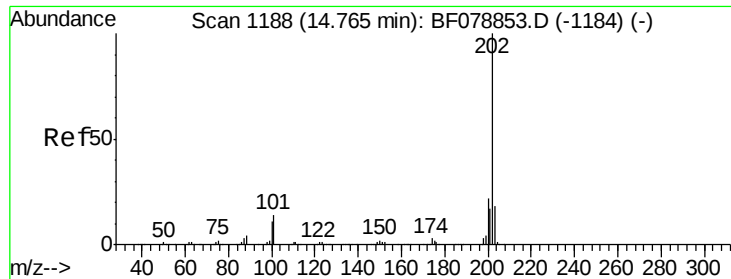
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#76
 Benzidine
 Concen: 43.93 ng
 RT: 14.32 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.8	19.2
183	10.7	9.0	13.4





#77

Pvrene

Concen: 60.86 ng

RT: 14.41 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

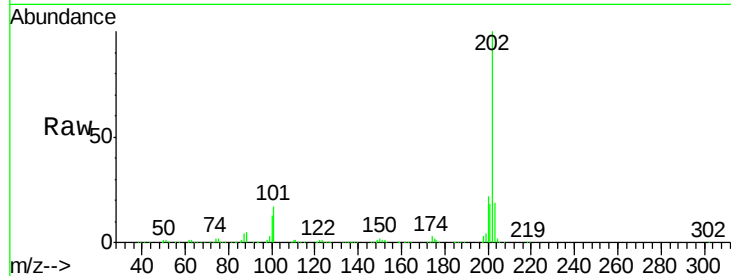
ClientSampleId :

SB-31SMS

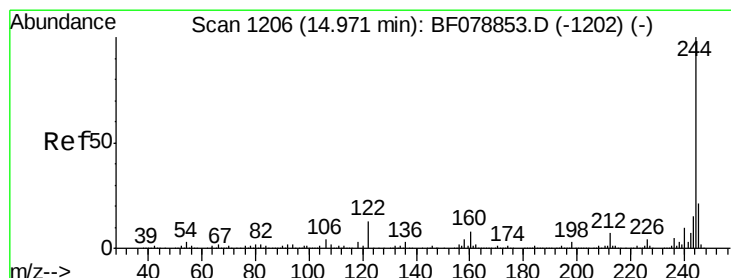
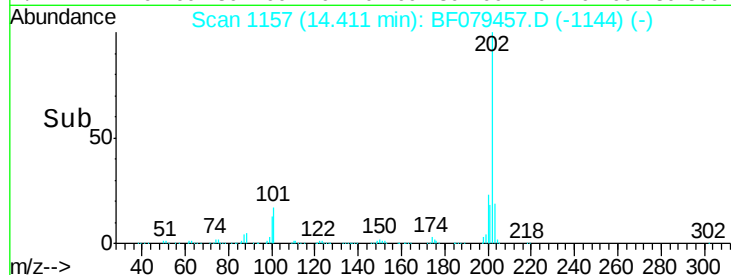
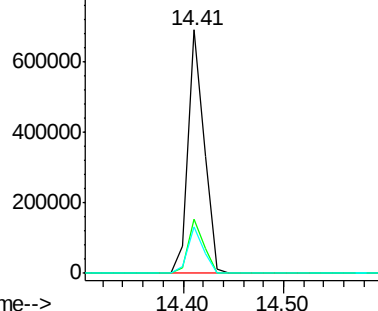
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.5	17.5	26.3		
203	19.0	14.7	22.1		

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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: 101.65 ng

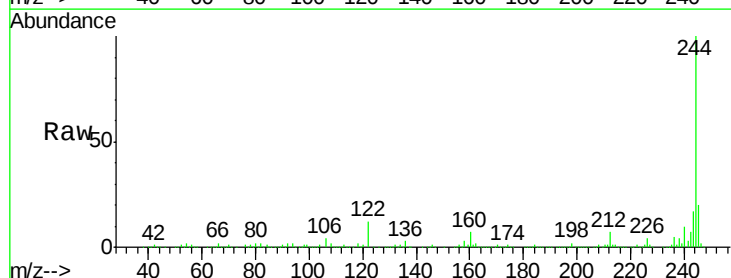
RT: 14.63 min Scan# 1176

Delta R.T. -0.00 min

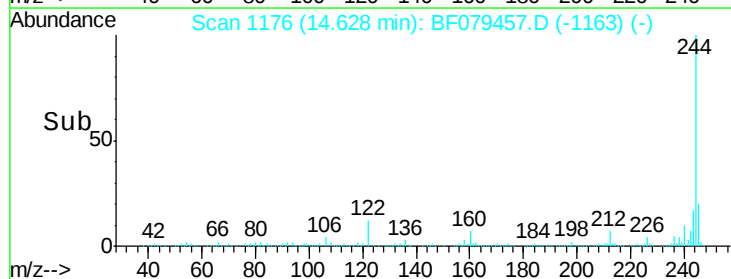
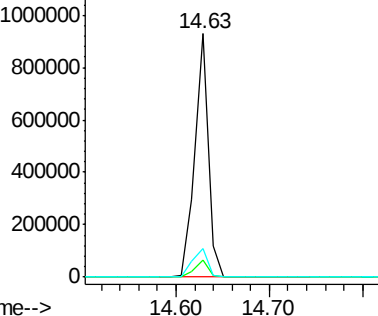
Lab File: BF079457.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	6.8	5.6	8.4		
122	11.9	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





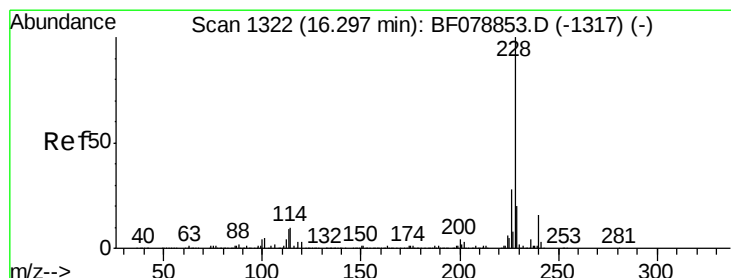
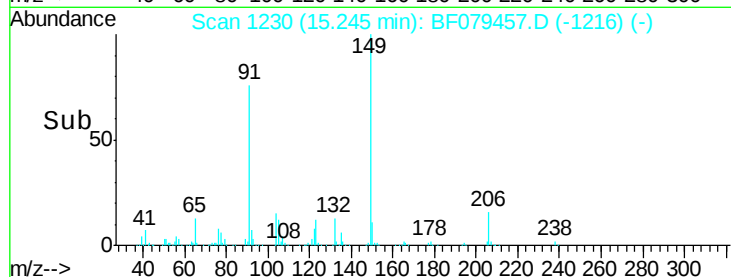
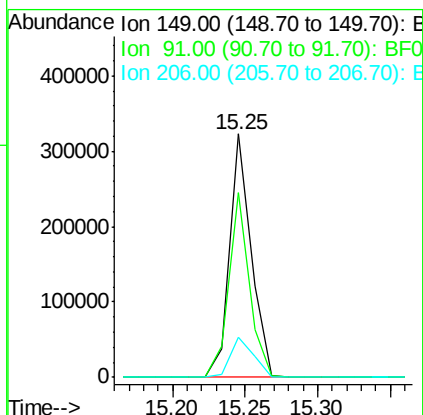
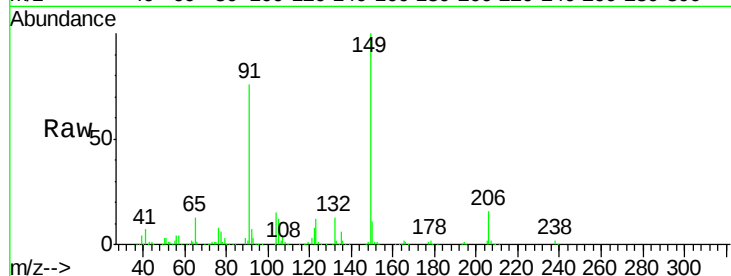
#79
Butylbenzylphthalate
Concen: 60.33 ng
RT: 15.25 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	333183		
91	75.9	56.2	84.2	
206	16.2	15.2	22.8	

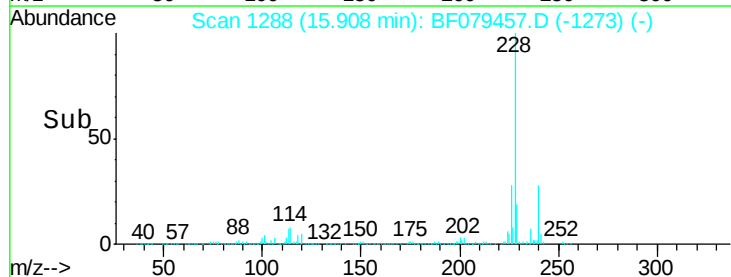
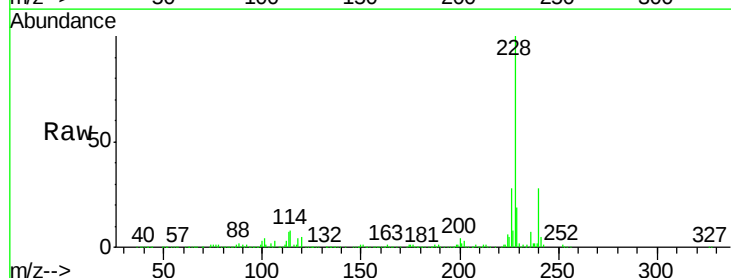
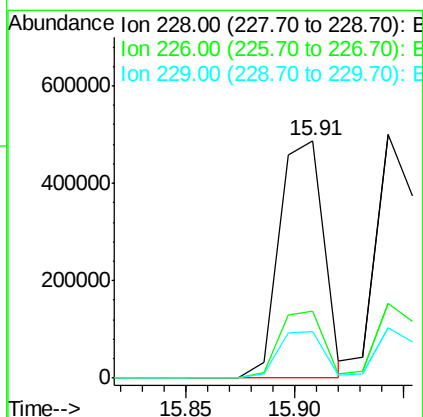
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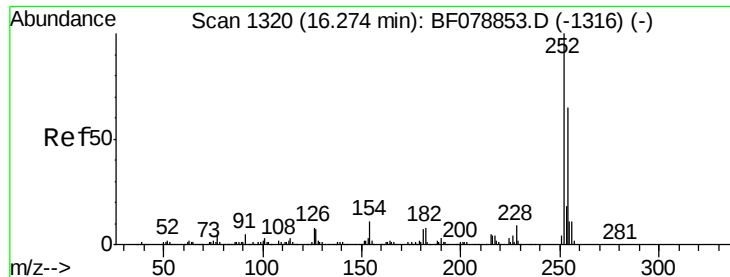
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#80
Benzo(a)anthracene
Concen: 57.76 ng
RT: 15.91 min Scan# 1288
Delta R.T. 0.01 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	693417		
226	28.4	22.3	33.5	
229	19.4	16.1	24.1	





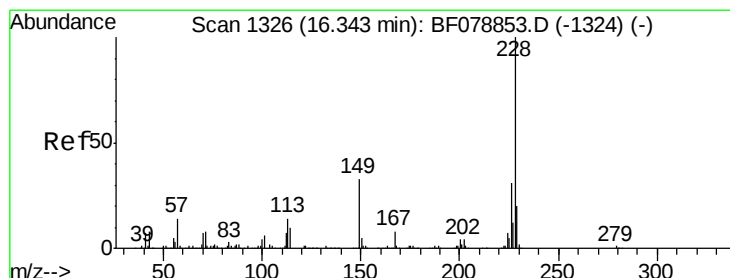
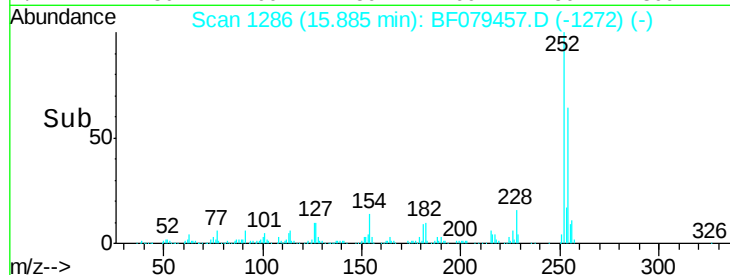
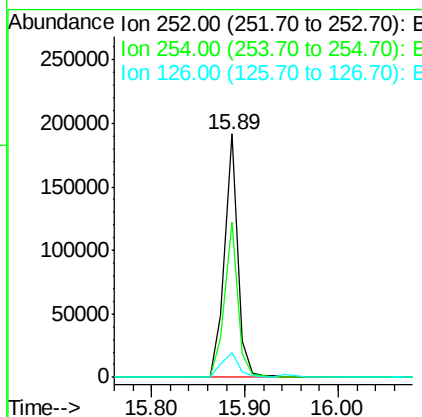
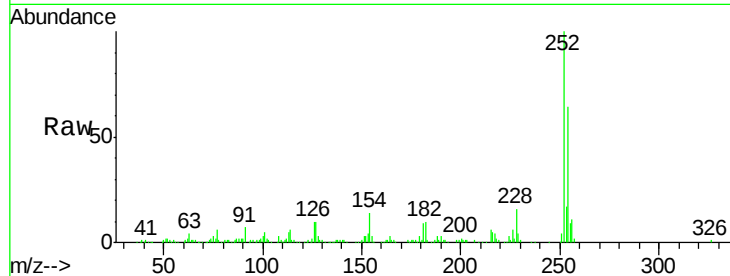
#81
 3,3'-Dichlorobenzidine
 Concen: 44.64 ng
 RT: 15.89 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	190902		
254	63.9	52.2	78.2	
126	10.2	6.6	9.8	

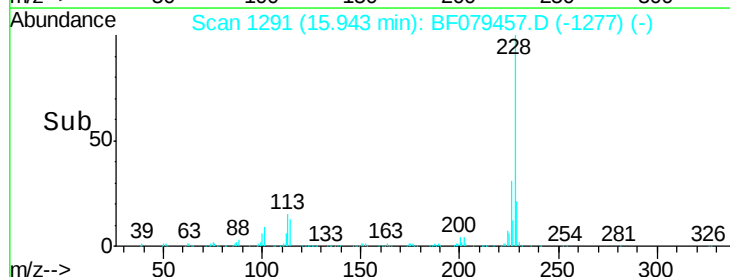
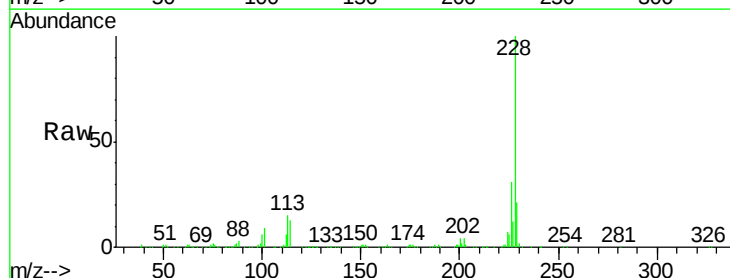
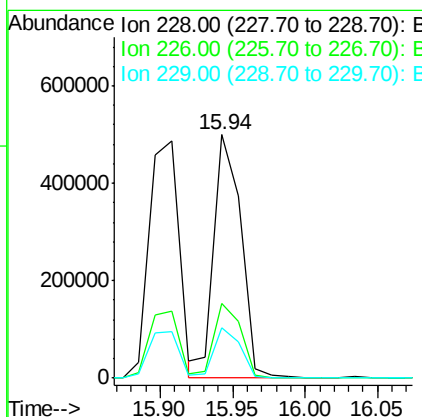
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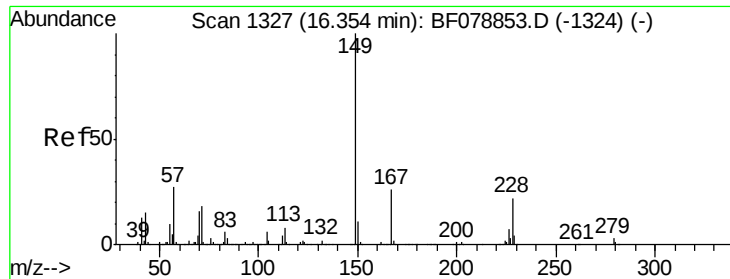
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#82
 Chrysene
 Concen: 55.85 ng
 RT: 15.94 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	644902		
226	30.6	24.8	37.2	
229	20.5	16.1	24.1	





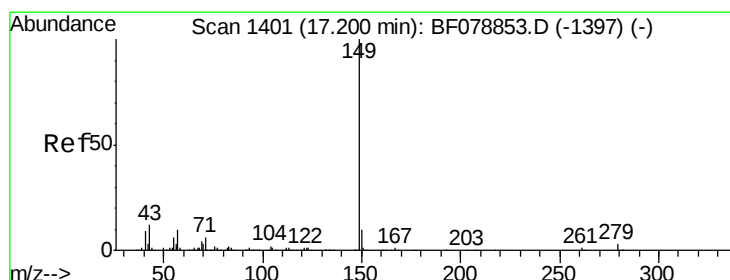
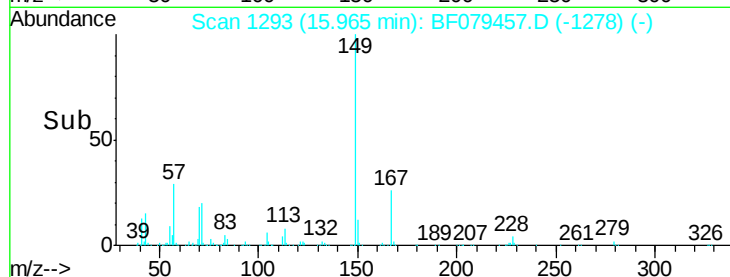
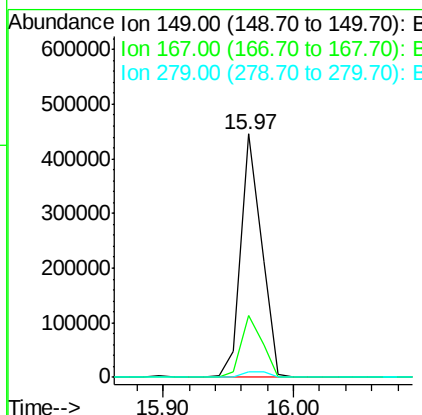
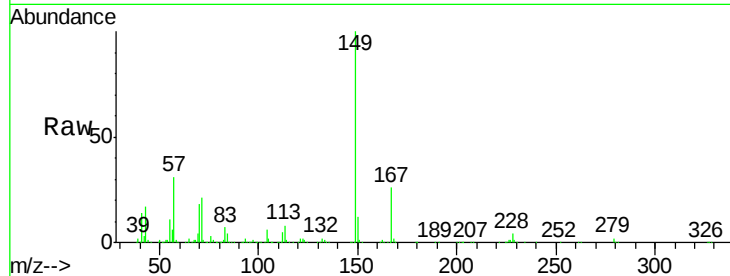
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.47 ng
 RT: 15.97 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-31SMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	489065		
167	25.6	21.2	31.8	
279	2.2	2.6	4.0	

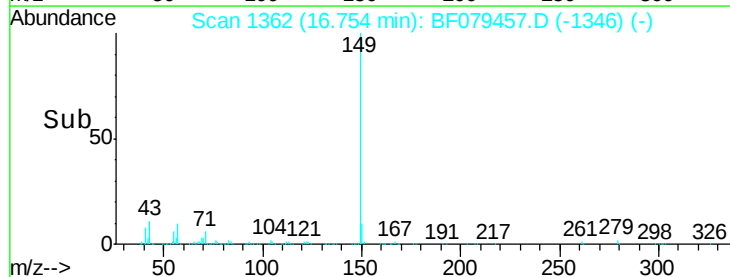
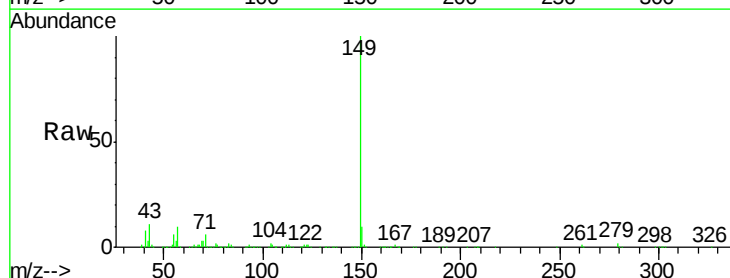
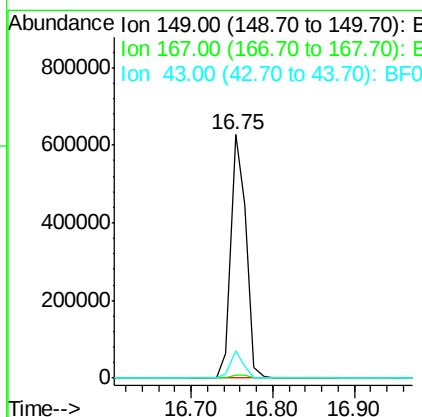
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#84
 Di-n-octyl phthalate
 Concen: 54.49 ng
 RT: 16.75 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF079457.D
 Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802720		
167	1.5	1.2	1.8	
43	9.6	9.0	13.6	





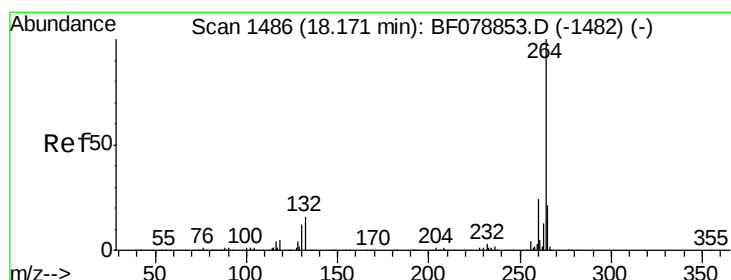
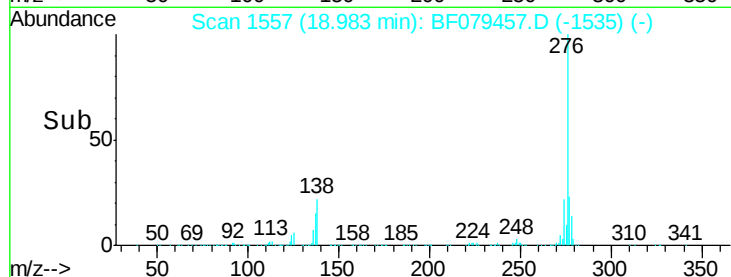
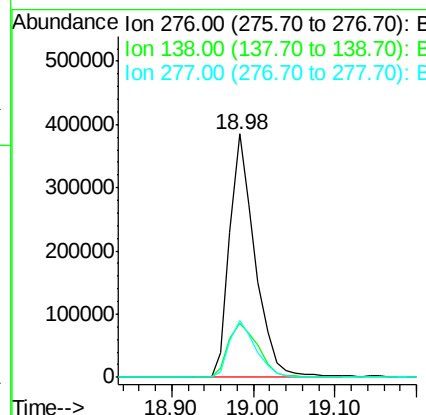
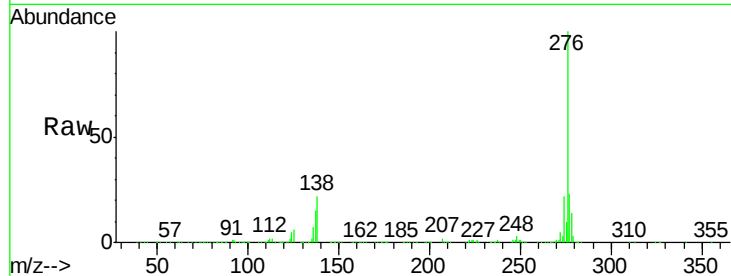
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.49 ng
RT: 18.98 min Scan# 1557
Delta R.T. 0.05 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.1	31.7
277	24.9	19.9	29.9

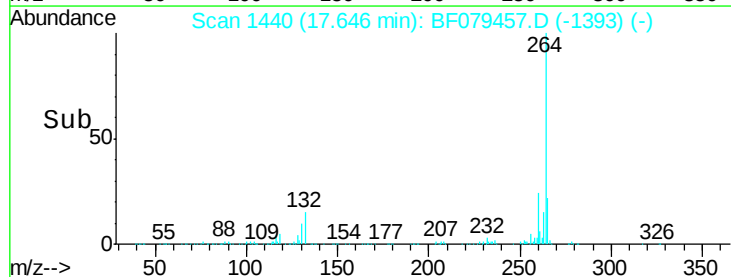
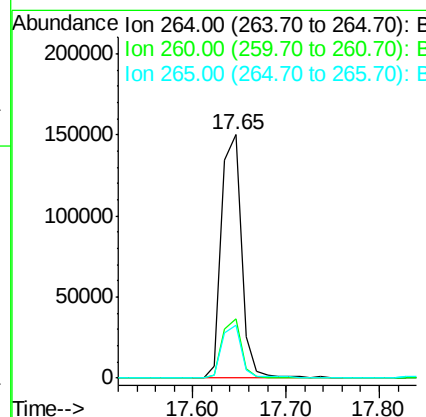
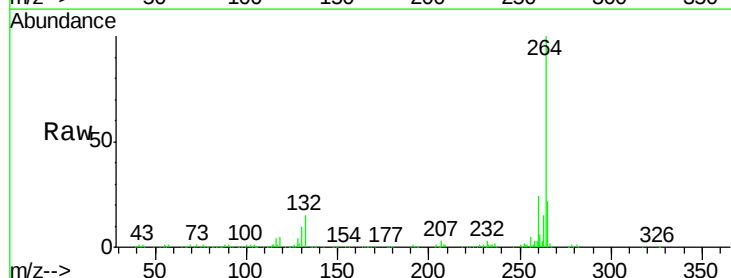
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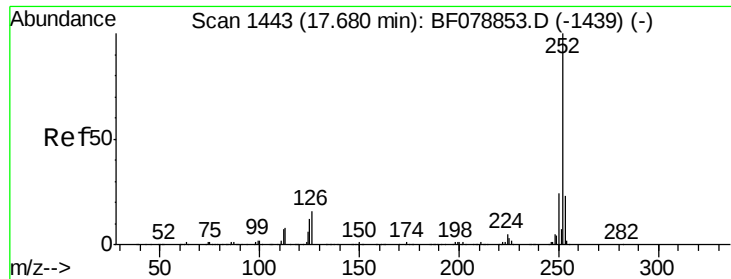
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.65 min Scan# 1440
Delta R.T. 0.03 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 55.87 ng

RT: 17.20 min Scan# 1401

Delta R.T. 0.02 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

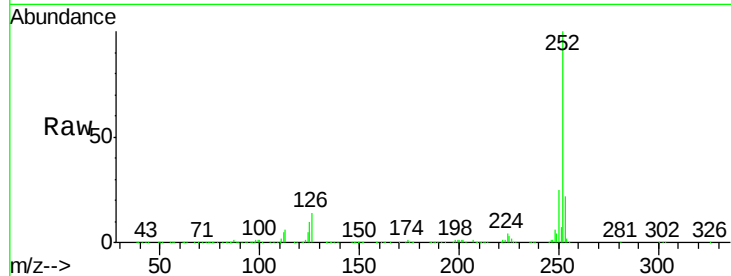
ClientSampleId :

SB-31SMS

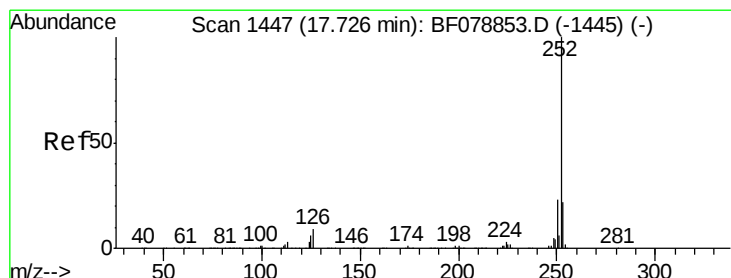
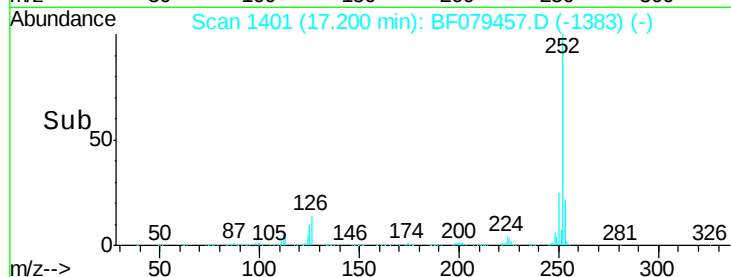
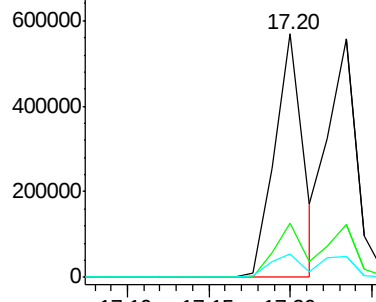
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.9	9.4	14.2

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



#88

Benzo(k)fluoranthene

Concen: 58.14 ng m

RT: 17.23 min Scan# 1404

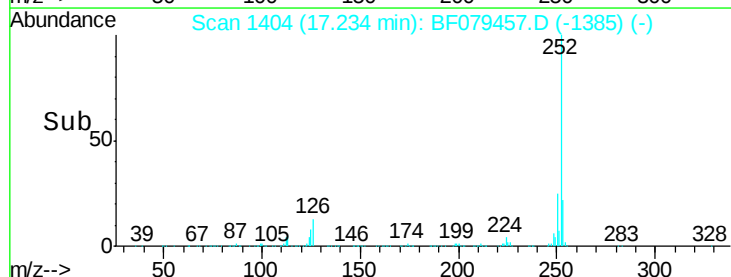
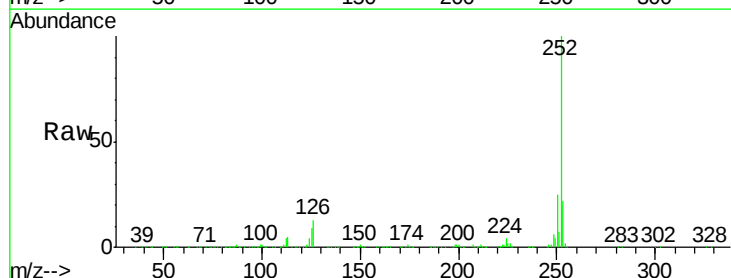
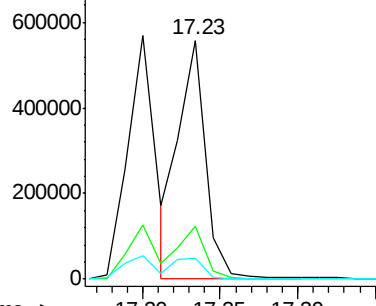
Delta R.T. 0.03 min

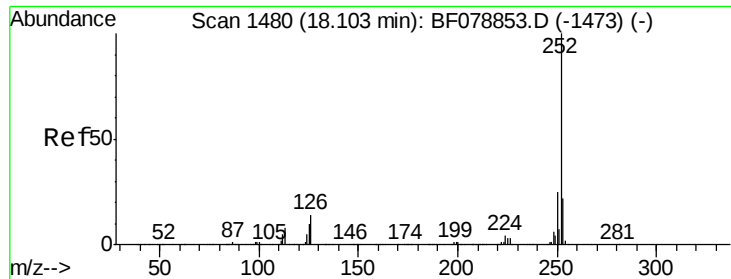
Lab File: BF079457.D

Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	8.5	6.1	9.1

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





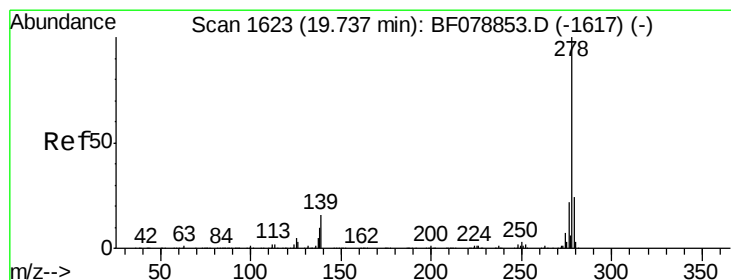
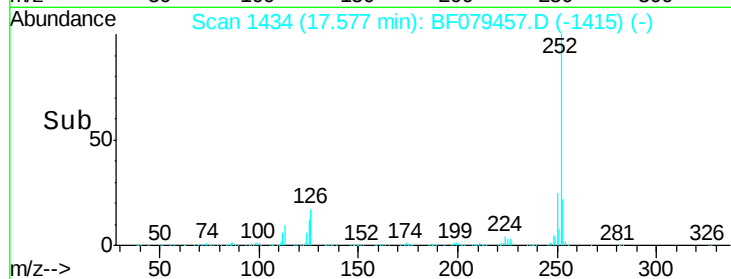
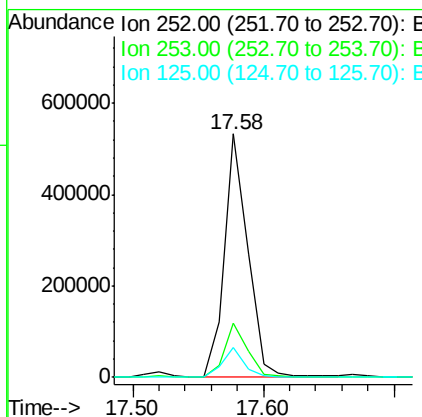
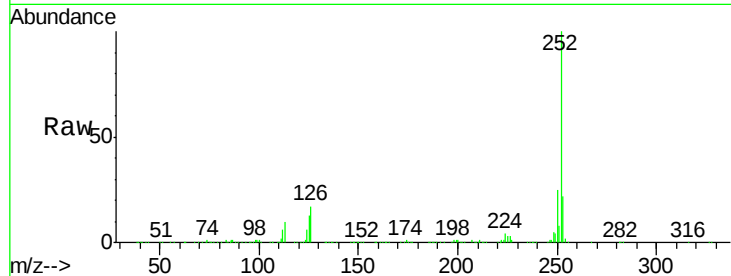
#89
Benzo(a)pyrene
Concen: 58.48 ng
RT: 17.58 min Scan# 1434
Delta R.T. 0.03 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Instrument :
BNA_F
ClientSampleId :
SB-31SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	12.5	8.2	12.2

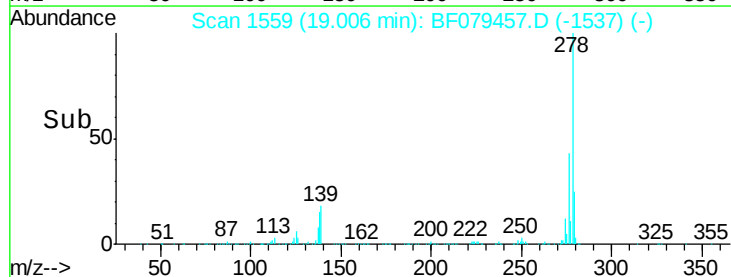
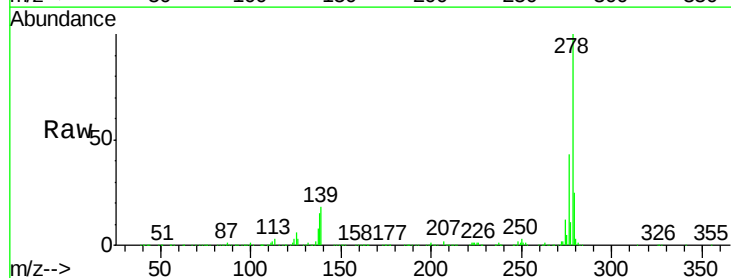
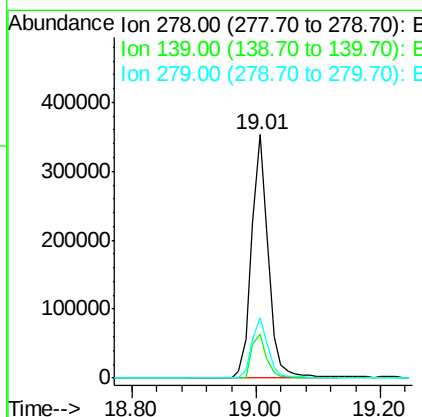
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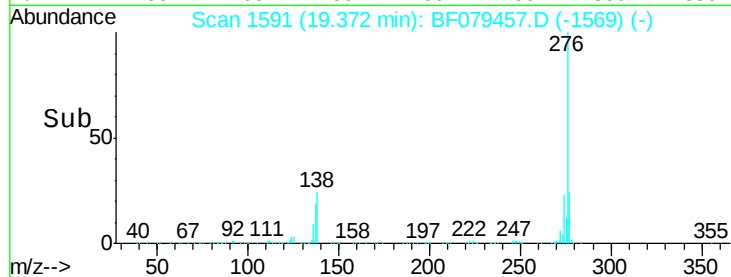
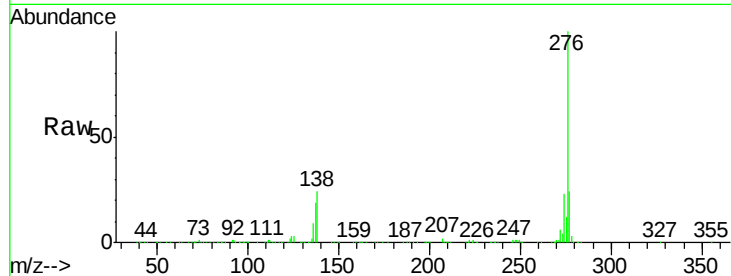
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#90
Dibenzo(a,h)anthracene
Concen: 55.54 ng
RT: 19.01 min Scan# 1559
Delta R.T. 0.05 min
Lab File: BF079457.D
Acq: 23 May 2015 5:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.1	19.7
279	24.7	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 57.53 ng

RT: 19.37 min Scan# 1591

Delta R.T. 0.05 min

Lab File: BF079457.D

Acq: 23 May 2015 5:31

Instrument :

BNA_F

ClientSampleId :

SB-31SMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	24.4	15.2	22.8

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