

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077238.D
 Acq On : 10 Feb 2015 16:57
 Operator : TP/IZ
 Sample : PB81682BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81682BS

Manual Integrations
 APPROVED

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 2/11/2015 4:06:25 PM

Quant Time: Feb 11 04:48:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	38611	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	167148	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	92326	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	160215	20.00	ng	0.00
75) Chrysene-d12	21.01	240	152439	20.00	ng	0.00
86) Perylene-d12	22.66	264	132402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.60	112	191835	81.69	ng	0.01
7) Phenol-d6	7.01	99	243589	82.22	ng	0.00
23) Nitrobenzene-d5	8.90	82	153624	50.92	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	60408	80.60	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	332962	54.88	ng	0.00
78) Terphenyl-d14	19.76	244	362401	54.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.07	88	22446	22.32	ng	# 88
3) Pyridine	1.50	79	55774	21.44	ng	96
4) n-Nitrosodimethylamine	1.47	42	25923	20.11	ng	93
6) Aniline	6.89	93	48622	11.86	ng	97
8) 2-Chlorophenol	7.13	128	67995	25.12	ng	93
10) Phenol	7.04	94	74794	23.78	ng	91
11) bis(2-Chloroethyl)ether	7.14	93	63294	25.71	ng	91
12) 1,3-Dichlorobenzene	7.44	146	74443	24.17	ng	94
13) 1,4-Dichlorobenzene	7.63	146	76566	23.44	ng	98
14) 1,2-Dichlorobenzene	7.95	146	72998	24.26	ng	98
15) Benzyl Alcohol	8.05	79	60345	25.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.40	45	87552	26.46	ng	80
17) 2-Methylphenol	8.41	107	54608	24.68	ng	96
18) Hexachloroethane	8.68	117	28696	25.26	ng	97
19) n-Nitroso-di-n-propylamine	8.68	70	49926	24.08	ng	93
20) 3+4-Methylphenols	8.80	107	60584m	20.68	ng	
22) Acetophenone	8.60	105	103683	25.33	ng	96
24) Nitrobenzene	8.94	77	72253	23.51	ng	98
25) Isophorone	9.55	82	135200	24.61	ng	99
26) 2-Nitrophenol	9.69	139	32292	21.53	ng	# 77
27) 2,4-Dimethylphenol	9.98	122	59955	25.23	ng	94
28) bis(2-Chloroethoxy)methane	10.18	93	85663	27.43	ng	97
29) 2,4-Dichlorophenol	10.30	162	53304m	24.06	ng	
30) 1,2,4-Trichlorobenzene	10.42	180	63111	25.65	ng	99
31) Naphthalene	10.56	128	206705	24.02	ng	99
32) Benzoic acid	10.40	122	10316m	7.83	ng	
33) 4-Chloroaniline	10.82	127	47054m	13.53	ng	
34) Hexachlorobutadiene	10.92	225	35011	23.98	ng	91
35) Caprolactam	11.66	113	16192m	24.83	ng	
36) 4-Chloro-3-methylphenol	12.12	107	59996	23.65	ng	94
37) 2-Methylnaphthalene	12.20	142	148184	25.21	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	58198	25.50	ng	98
40) Hexachlorocyclopentadiene	12.59	237	57573	48.75	ng	92
42) 2,4,6-Trichlorophenol	12.97	196	34286	20.61	ng	98

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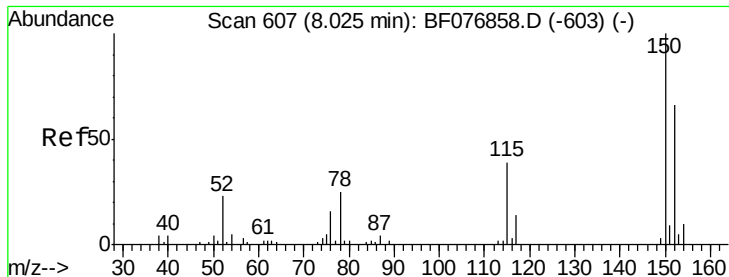
Manual Integrations
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 2/11/2015 4:06:25 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.07	196	35983m	21.21	nq	
45) 1,1'-Biphenyl	13.36	154	179792	26.27	nq	98
46) 2-Chloronaphthalene	13.33	162	141288	25.09	nq	96
47) 2-Nitroaniline	13.69	65	41946	24.55	nq	85
48) Acenaphthylene	14.27	152	228391	24.04	nq	99
49) Dimethylphthalate	14.24	163	176618	26.97	nq	98
50) 2,6-Dinitrotoluene	14.34	165	36110	27.60	nq	96
51) Acenaphthene	14.69	154	130528	24.22	nq	97
52) 3-Nitroaniline	14.68	138	24771	15.77	nq	83
53) 2,4-Dinitrophenol	14.98	184	17711	36.37	nq	# 89
54) Dibenzofuran	15.13	168	204585	26.05	nq	98
55) 4-Nitrophenol	15.31	139	37004	36.05	nq	93
56) 2,4-Dinitrotoluene	15.28	165	48350	25.68	nq	93
57) Fluorene	15.89	166	166460	25.02	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	25231	20.43	nq	# 91
59) Diethylphthalate	15.91	149	186017	28.11	nq	99
60) 4-Chlorophenyl-phenylether	16.00	204	72188	26.52	nq	92
61) 4-Nitroaniline	16.07	138	34189	21.54	nq	97
62) Azobenzene	16.29	77	171717m	24.91	nq	
64) 4,6-Dinitro-2-methylphenol	16.13	198	20472	21.82	nq	# 70
65) n-Nitrosodiphenylamine	16.25	169	143274	25.08	nq	95
66) 4-Bromophenyl-phenylether	16.87	248	42875	26.41	nq	98
67) Hexachlorobenzene	16.88	284	43492	25.43	nq	# 79
68) Atrazine	17.27	200	49108	28.33	nq	94
69) Pentachlorophenol	17.27	266	24160	35.04	nq	98
70) Phenanthrene	17.54	178	241027	24.12	nq	98
71) Anthracene	17.62	178	246117	25.26	nq	99
72) Carbazole	17.92	167	229448	24.28	nq	97
73) Di-n-butylphthalate	18.51	149	303581	27.75	nq	98
74) Fluoranthene	19.20	202	252926	24.71	nq	97
76) Benzidine	19.45	184	94566	19.39	nq	98
77) Pyrene	19.47	202	261715	25.05	nq	100
79) Butylbenzylphthalate	20.42	149	131076	27.70	nq	92
80) Benzo(a)anthracene	21.00	228	233580	24.42	nq	99
81) 3,3'-Dichlorobenzidine	21.01	252	46033	15.15	nq	100
82) Chrysene	21.05	228	214153	24.55	nq	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	190157	29.05	nq	99
84) Di-n-octyl phthalate	21.92	149	326770	28.76	nq	99
85) Indeno(1,2,3-cd)pyrene	23.76	276	214492m	23.20	nq	
87) Benzo(b)fluoranthene	22.25	252	211267	23.69	nq	# 97
88) Benzo(k)fluoranthene	22.27	252	207673m	26.66	nq	
89) Benzo(a)pyrene	22.59	252	192723	24.50	nq	# 95
90) Dibenzo(a,h)anthracene	23.78	278	174589m	24.19	nq	
91) Benzo(g,h,i)perylene	24.02	276	173197m	24.14	nq	

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



#1

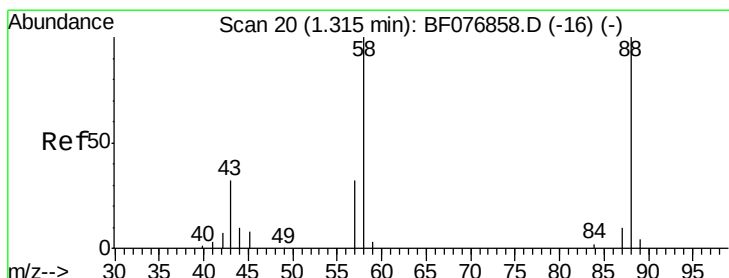
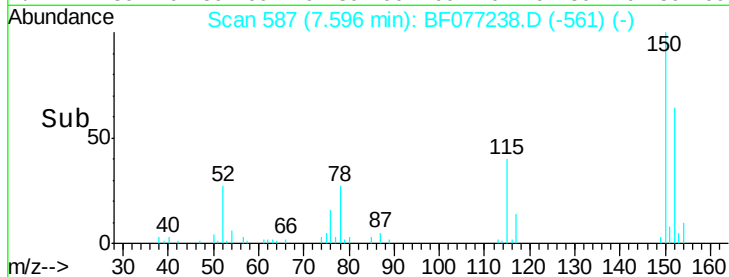
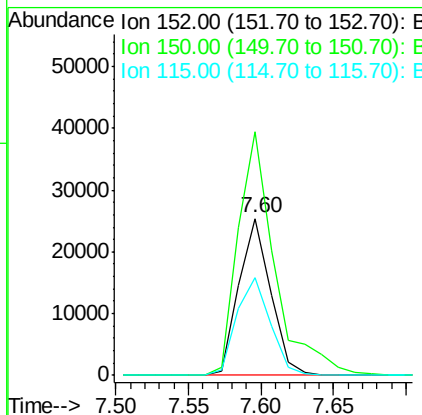
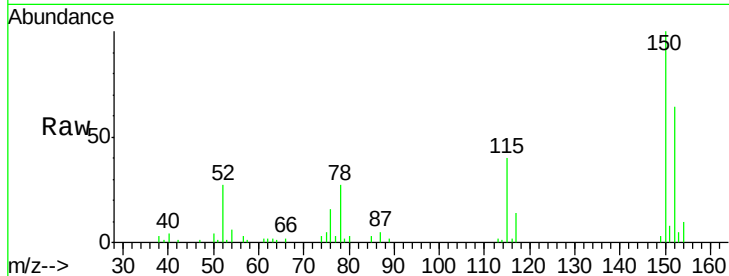
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampled :
PB81682BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	121.7	182.5
115	62.7	47.0	70.6

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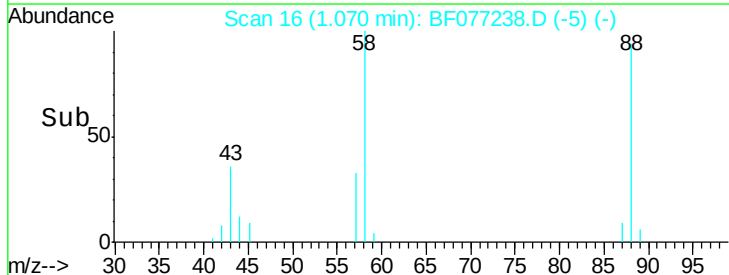
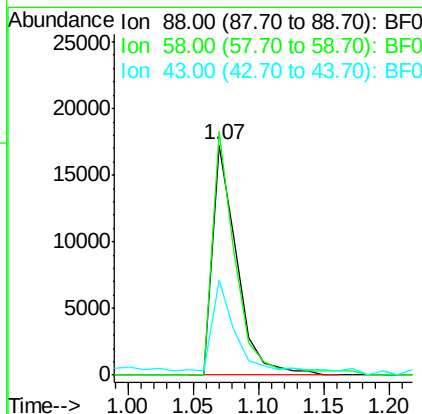
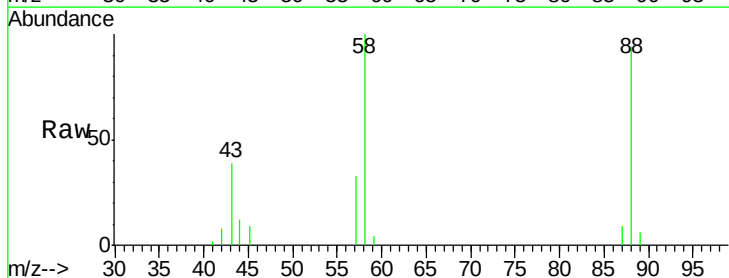
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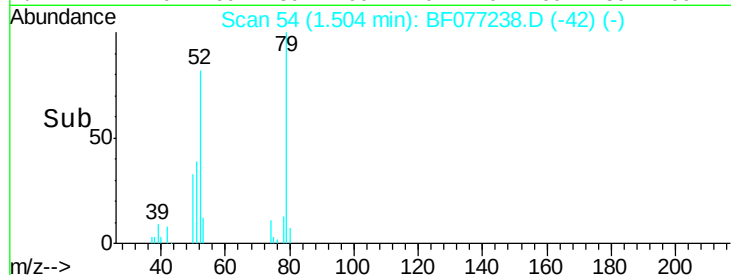
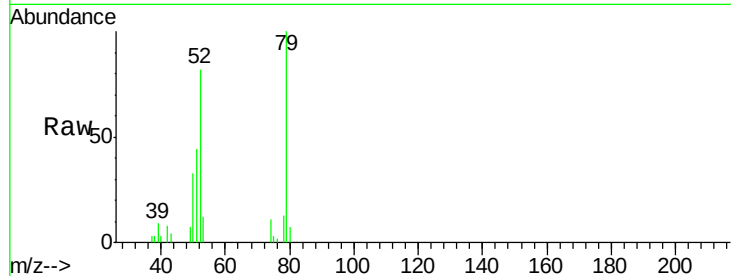
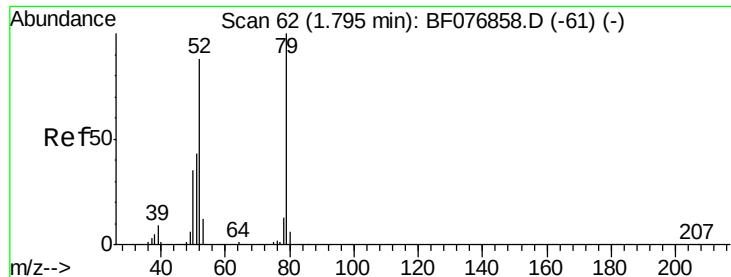


#2

1,4-Dioxane
Concen: 22.32 ng
RT: 1.07 min Scan# 16
Delta R.T. 0.02 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.5	77.0	115.4
43	48.2	25.6	38.4





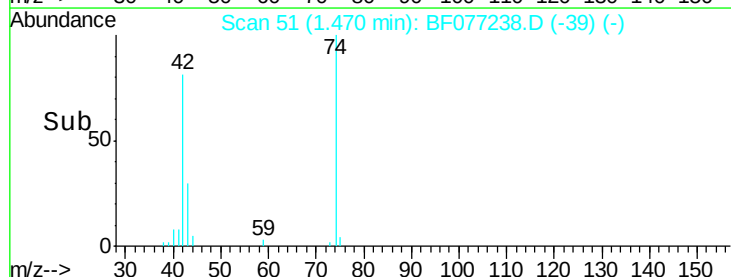
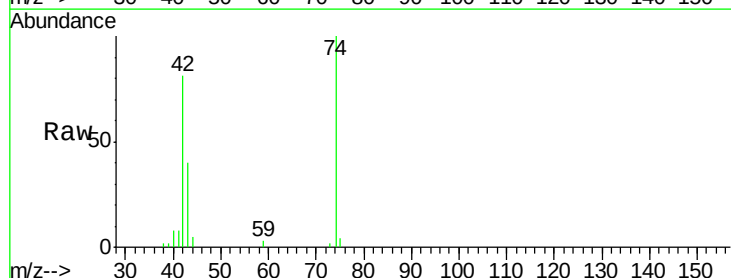
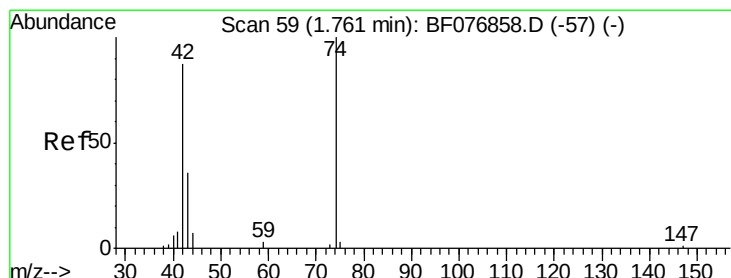
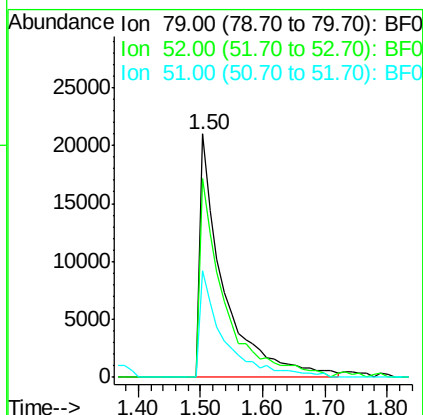
#3
Pvridine
Concen: 21.44 ng
RT: 1.50 min Scan# 54
Delta R.T. 0.03 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.9	70.1	105.1
51	43.9	35.1	52.7

Instrument :
BNA_F
ClientSampled :
PB81682BS

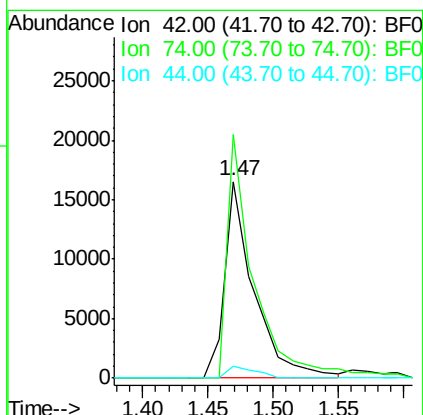
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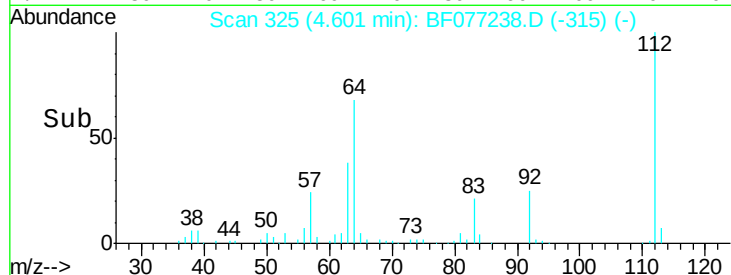
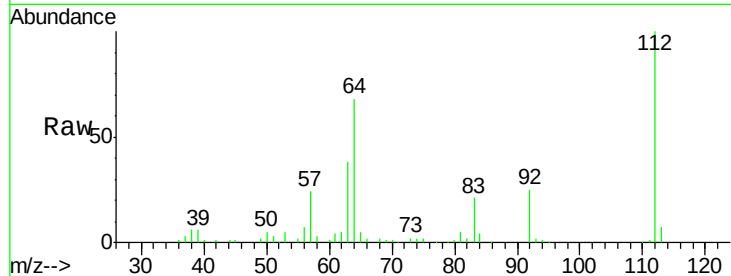
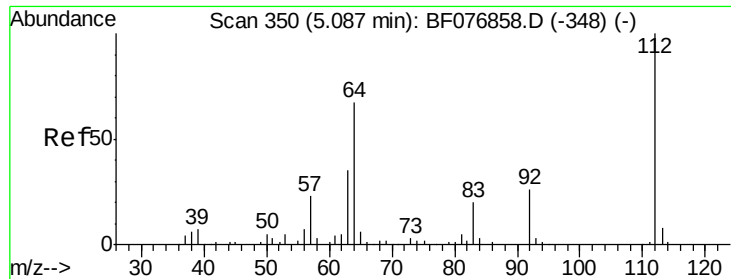
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#4
n-Nitrosodimethylamine
Concen: 20.11 ng
RT: 1.47 min Scan# 51
Delta R.T. 0.03 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	123.7	92.4	138.6
44	6.2	6.2	9.2





#5

2-Fluorophenol

Concen: 81.69 ng

RT: 4.60 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		191835		
64	67.7	54.2	81.4		
63	37.6	28.4	42.6		

Instrument :

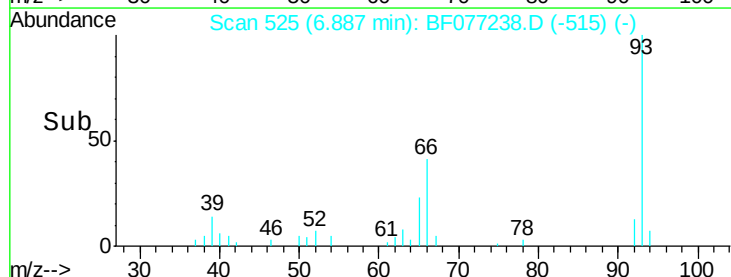
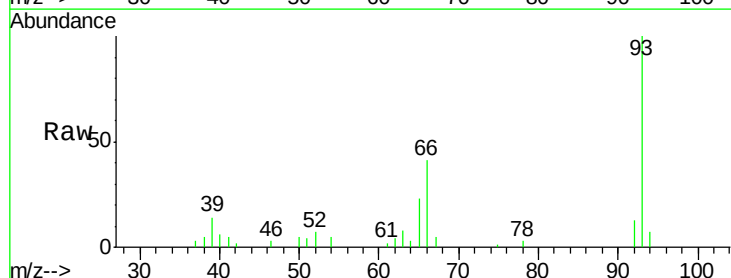
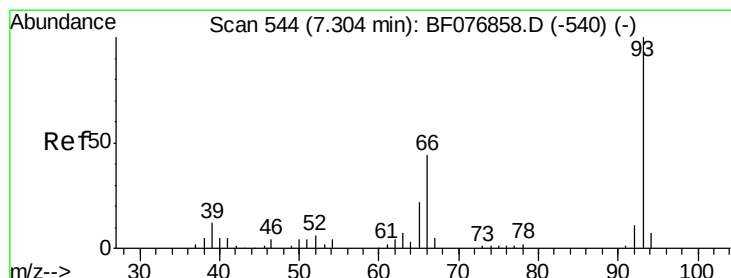
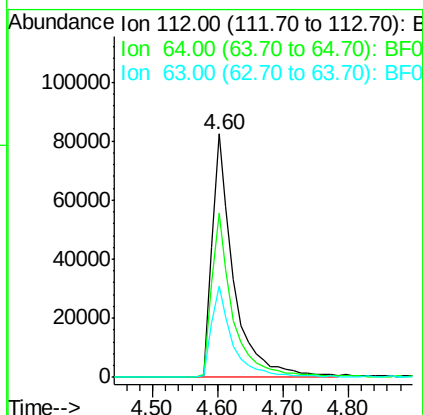
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ClientSampleId :

PB81682BS

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#6

Aniline

Concen: 11.86 ng

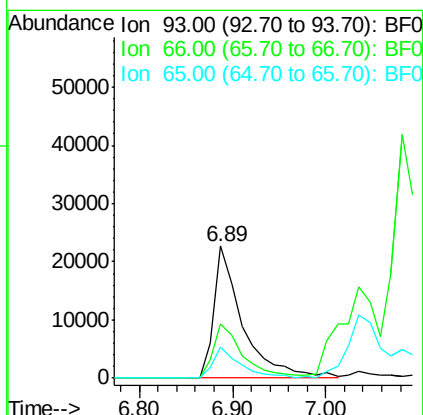
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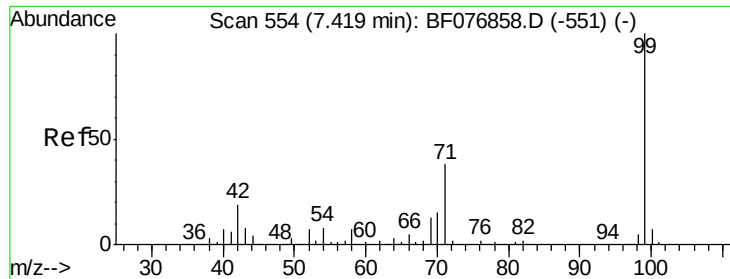
Delta R.T. 0.01 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		48622		
66	41.3	35.0	52.4		
65	23.3	17.7	26.5		





#7

Phenol-d6

Concen: 82.22 ng

RT: 7.01 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

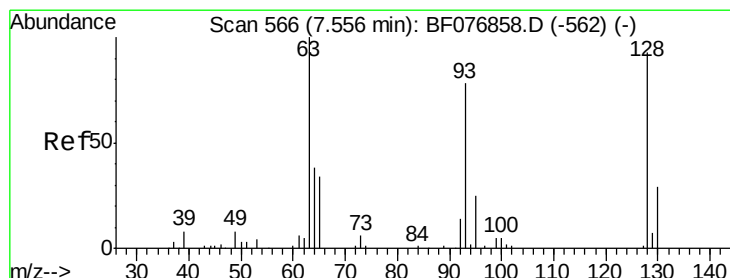
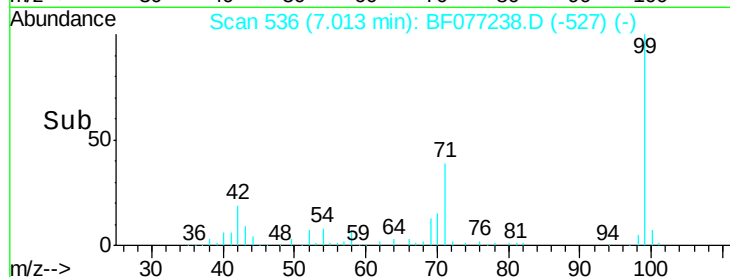
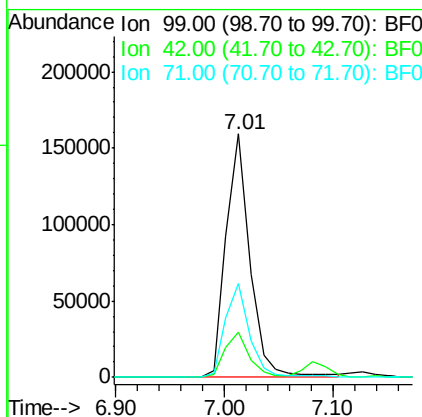
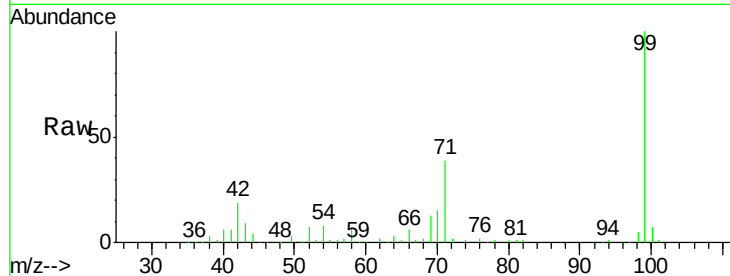
ClientSampleId :

PB81682BS

Tot Ion:	99	Resp:	243589
Ion Ratio	Lower	Upper	
99	100		
42	18.6	15.0	22.4
71	38.8	30.5	45.7

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#8

2-Chlorophenol

Concen: 25.12 ng

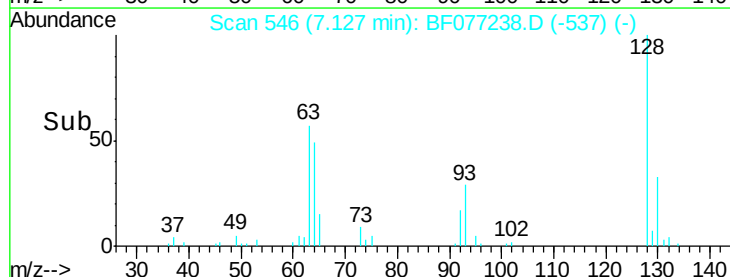
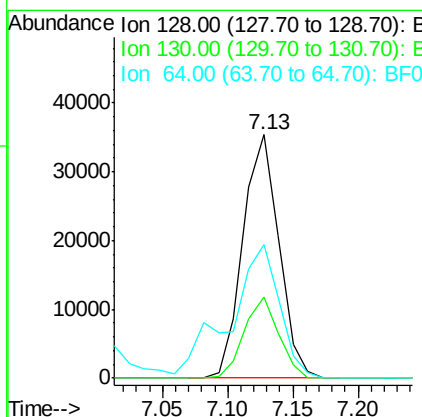
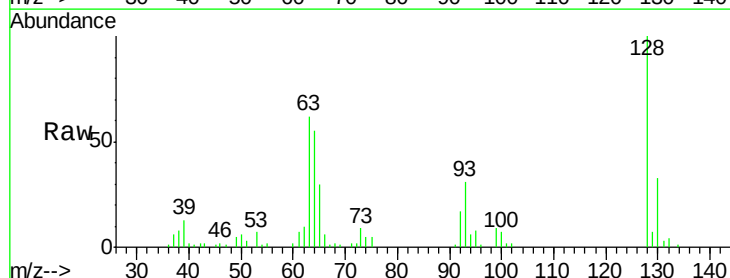
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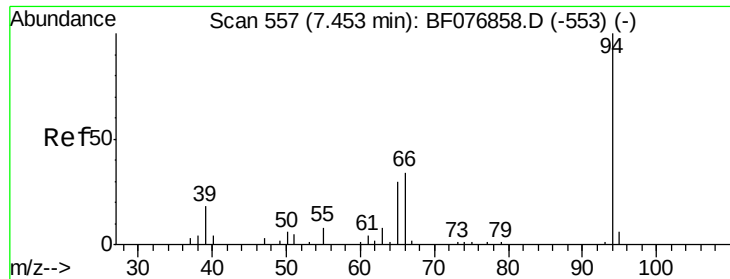
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	128	Resp:	67995
Ion Ratio	Lower	Upper	
128	100		
130	33.4	11.0	51.0
64	54.8	29.3	69.3





#10

Phenol

Concen: 23.78 ng

RT: 7.04 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

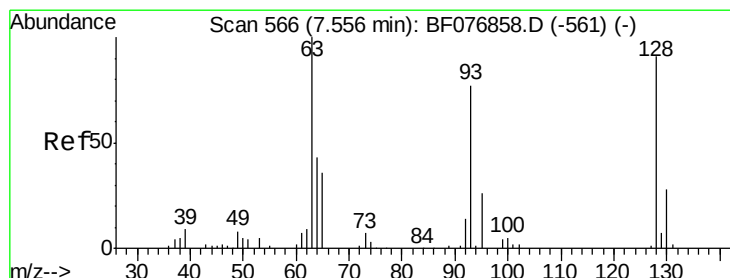
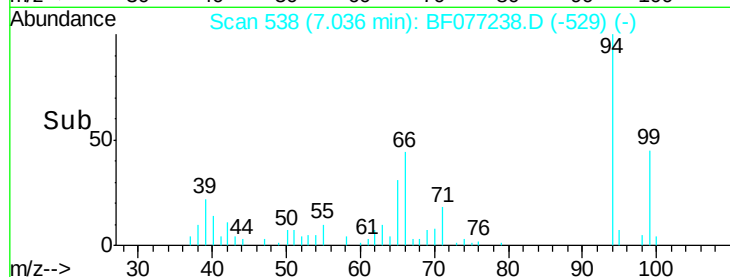
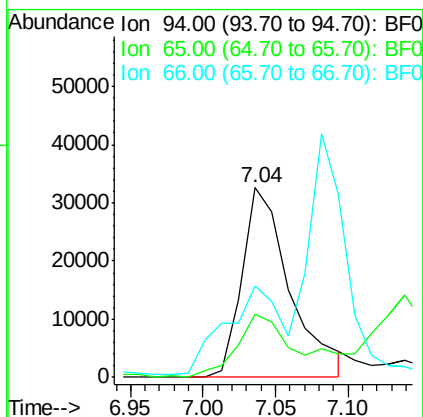
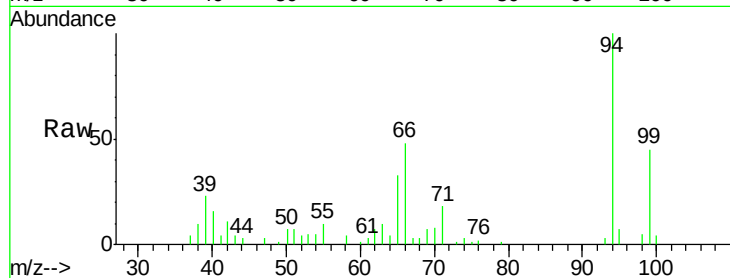
ClientSampled :

PB81682BS

Tot Ion:	94	Resp:	74794
Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.3	51.3
66	48.2	19.5	59.5

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 25.71 ng

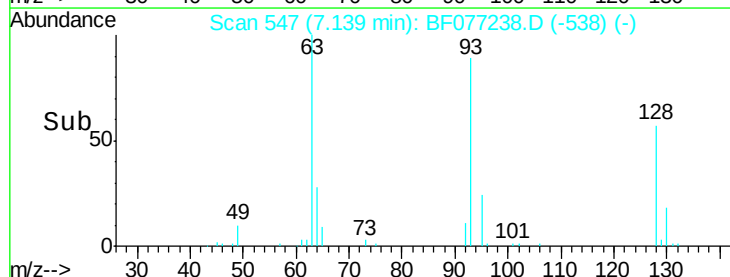
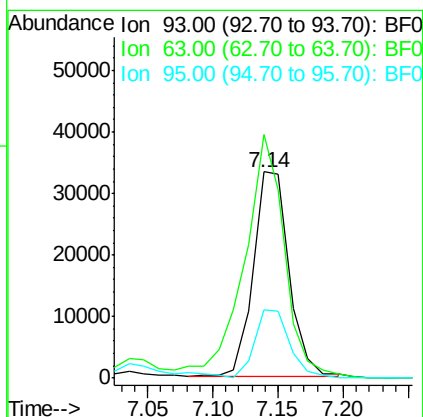
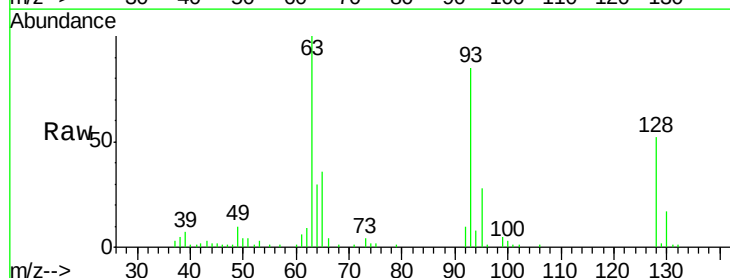
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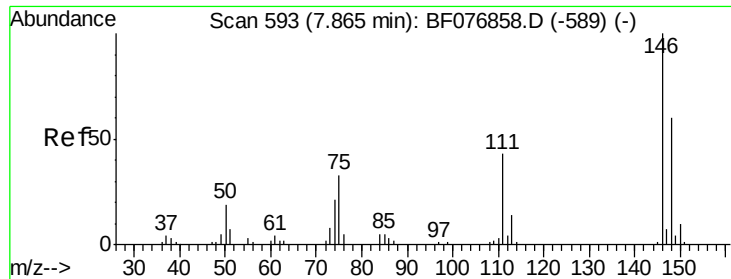
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	93	Resp:	63294
Ion	Ratio	Lower	Upper
93	100		
63	118.1	111.3	151.3
95	33.1	13.8	53.8





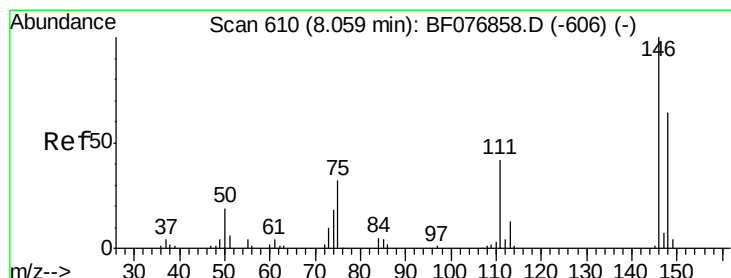
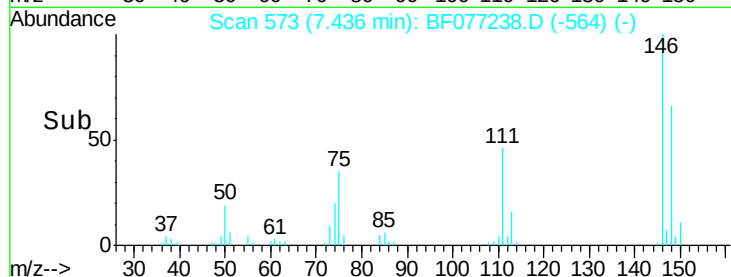
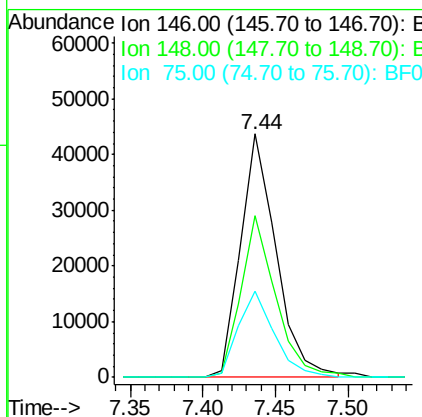
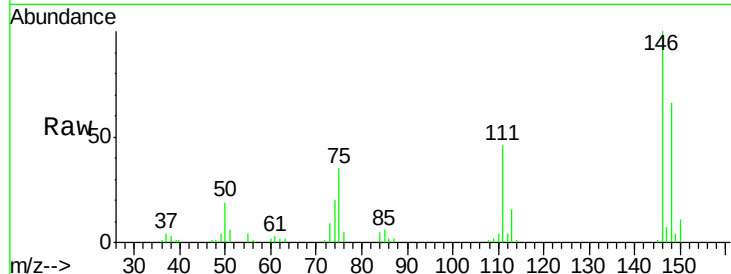
#12
 1,3-Dichlorobenzene
 Concen: 24.17 ng
 RT: 7.44 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion:	146	Resp:	74443
Ion Ratio	Lower	Upper	
146	100		
148	66.3	48.1	72.1
75	35.2	26.8	40.2

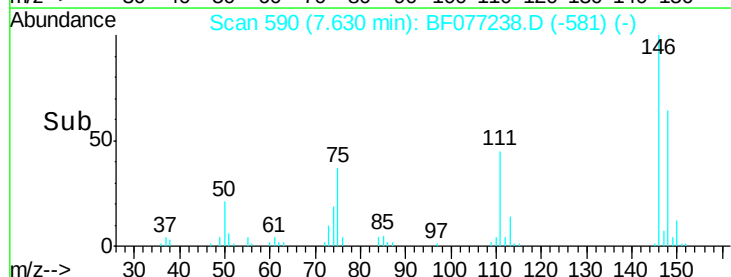
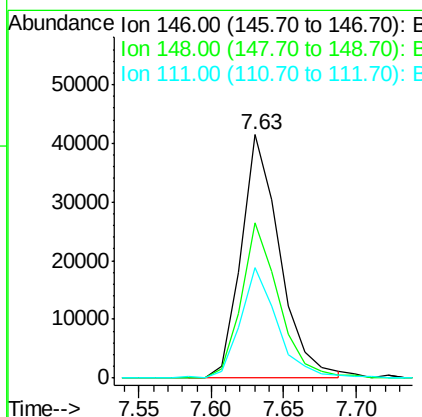
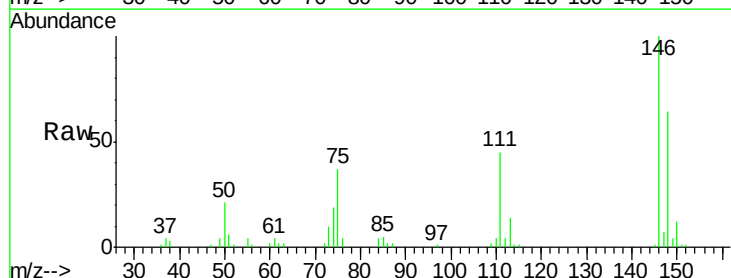
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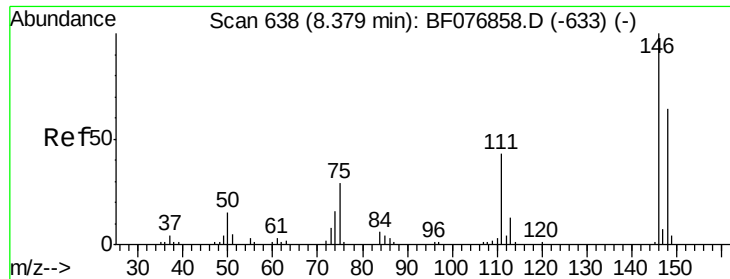
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#13
 1,4-Dichlorobenzene
 Concen: 23.44 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion:	146	Resp:	76566
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.5	77.3
111	45.5	33.9	50.9





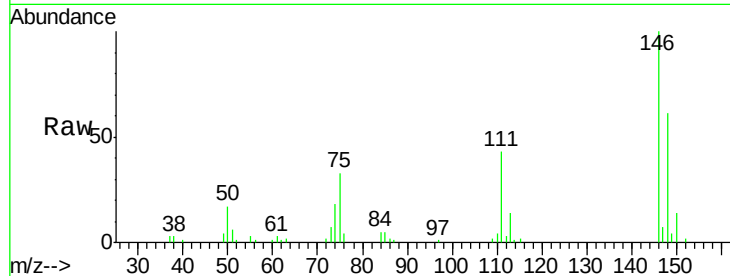
#14
1,2-Dichlorobenzene
Concen: 24.26 ng
RT: 7.95 min Scan# 618
Delta R.T. 0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

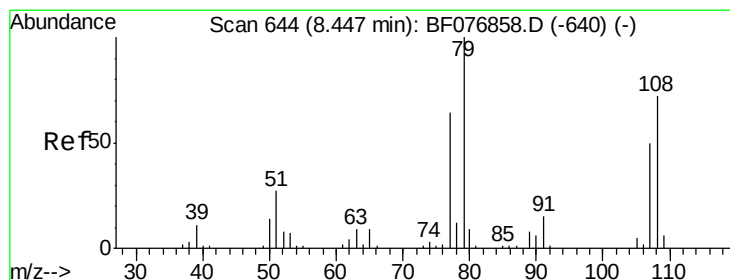
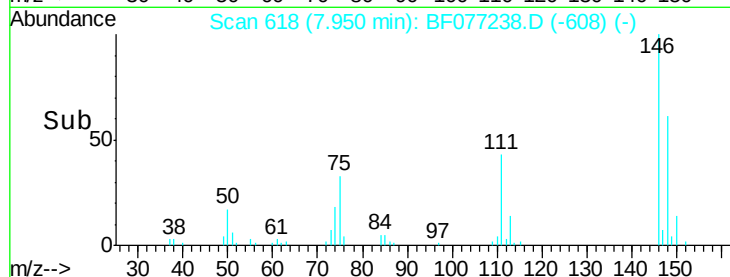
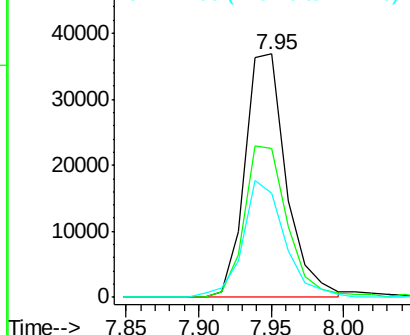
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.3	76.9
111	42.9	34.5	51.7

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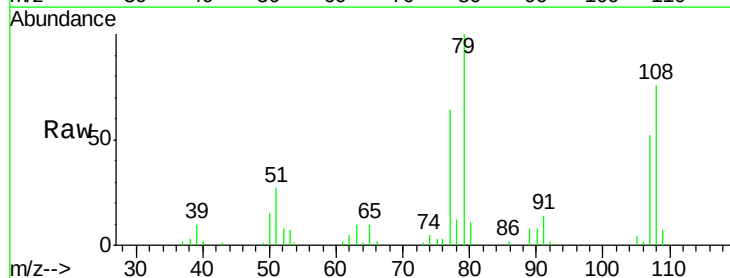


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

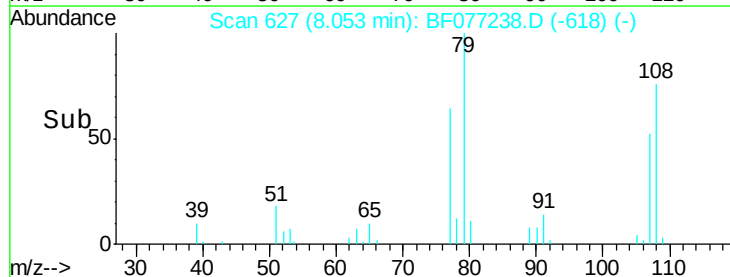
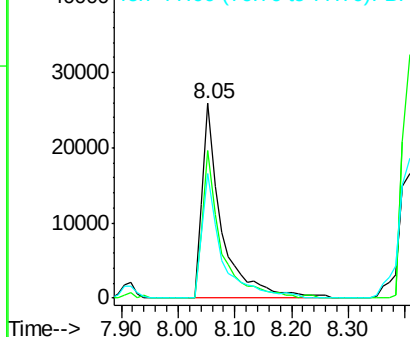


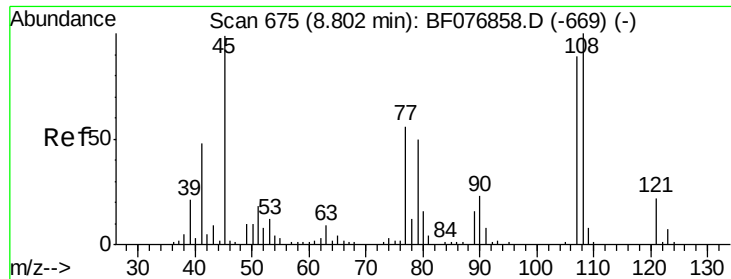
#15
Benzyl Alcohol
Concen: 25.17 ng
RT: 8.05 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
79	100		
108	75.6	57.2	85.8
77	64.2	51.2	76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0





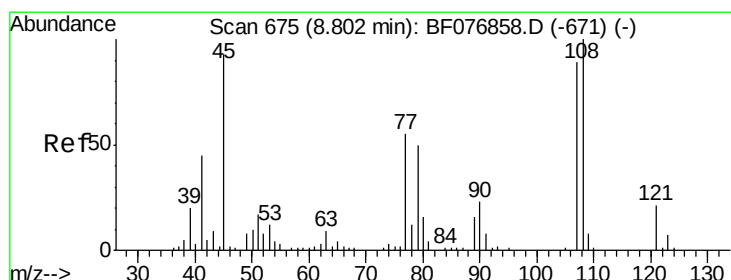
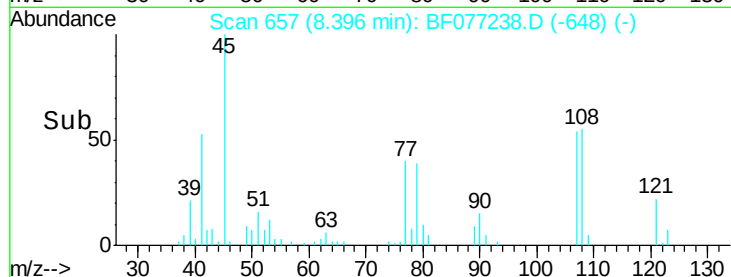
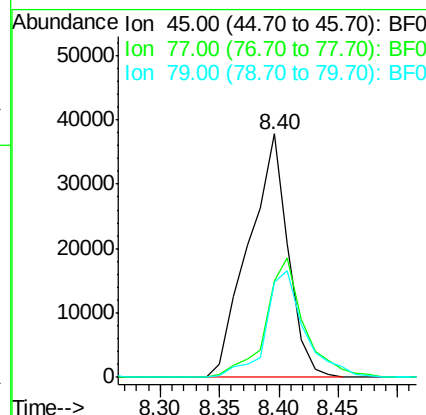
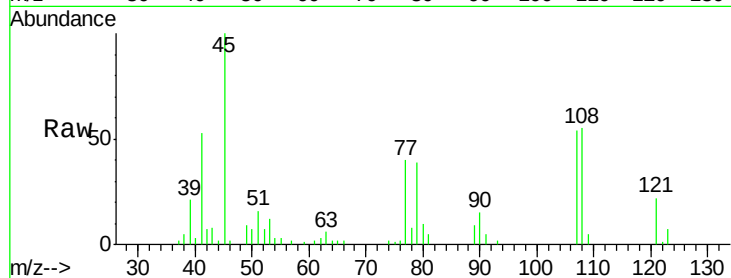
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 26.46 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampled :
PB81682BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	39.8	36.1	76.1
79	39.1	30.5	70.5

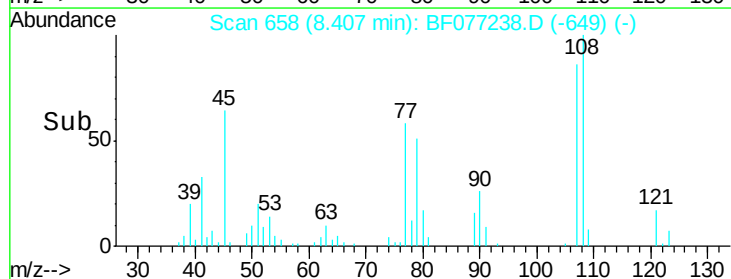
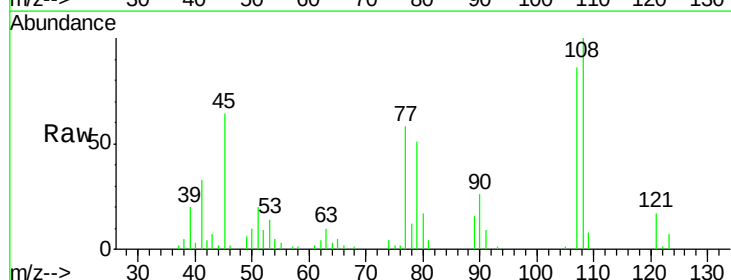
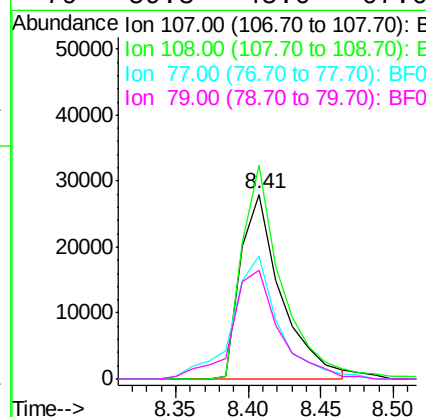
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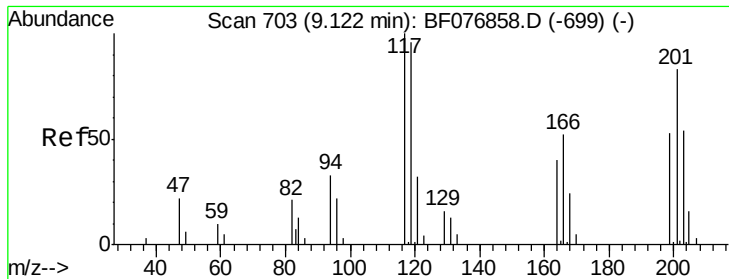
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#17
2-Methylphenol
Concen: 24.68 ng
RT: 8.41 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.9	89.7	134.5
77	66.7	50.1	75.1
79	59.3	45.0	67.6





#18

Hexachloroethane

Concen: 25.26 ng

RT: 8.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

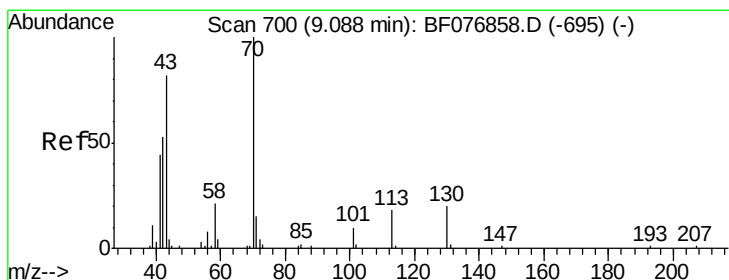
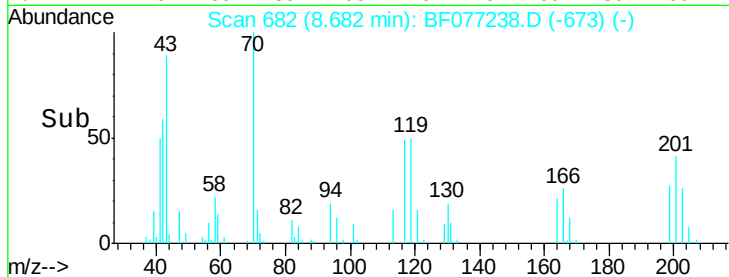
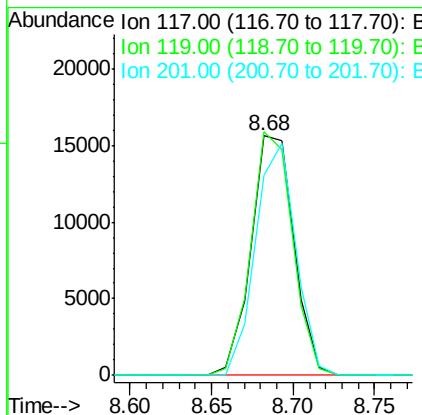
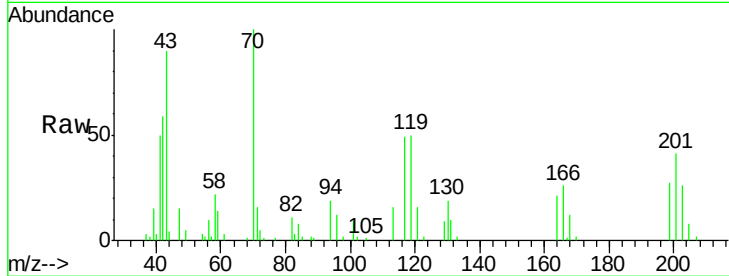
ClientSampleId :

PB81682BS

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Tot Ion	Ratio	Lower	Upper
117	100		
119	101.8	77.1	115.7
201	83.9	66.8	100.2



#19

n-Nitroso-di-n-propylamine

Concen: 24.08 ng

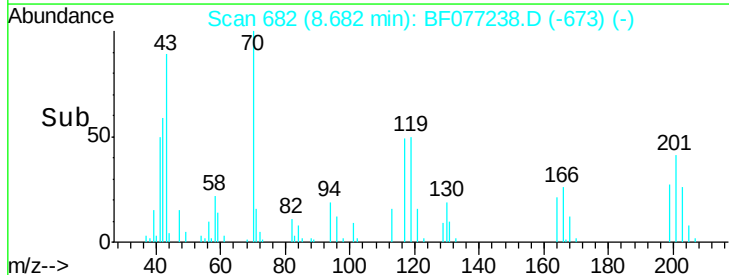
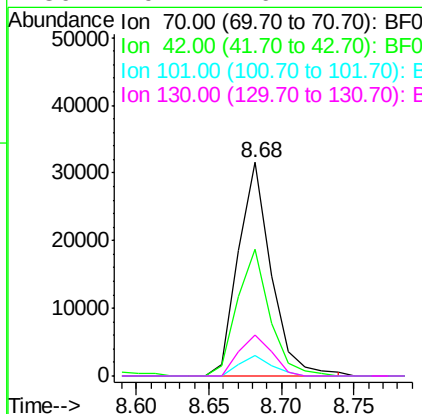
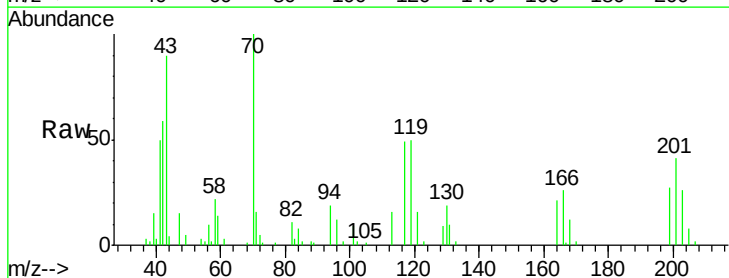
RT: 8.68 min Scan# 682

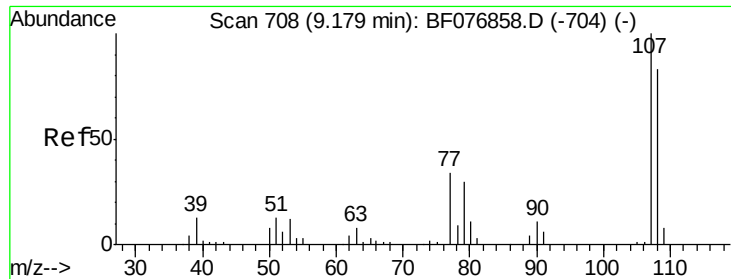
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.3	42.1	63.1
101	9.4	7.8	11.8
130	19.4	16.2	24.4





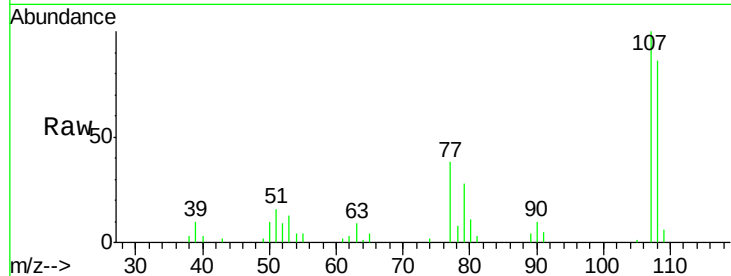
#20
3+4-Methylphenols
Concen: 20.68 ng/mL
RT: 8.80 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

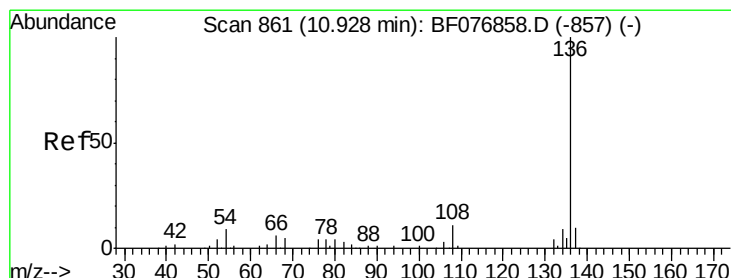
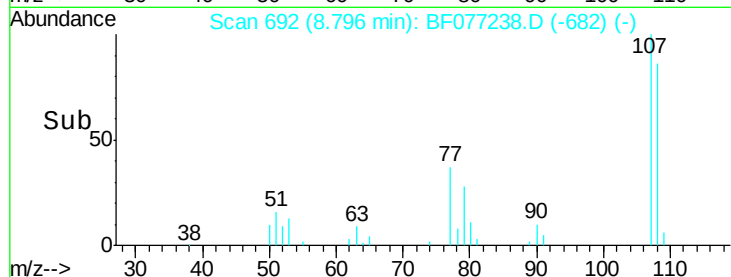
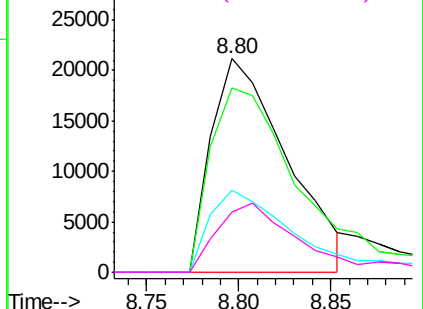
Tot Ion	107	Resp	60584
Ion Ratio	Lower	Upper	
107	100		
108	86.1	63.5	103.5
77	38.3	14.0	54.0
79	28.3	9.9	49.9

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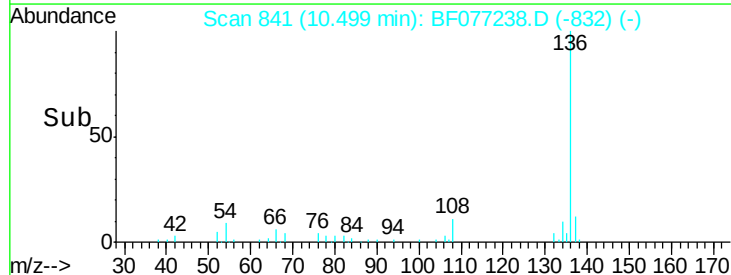
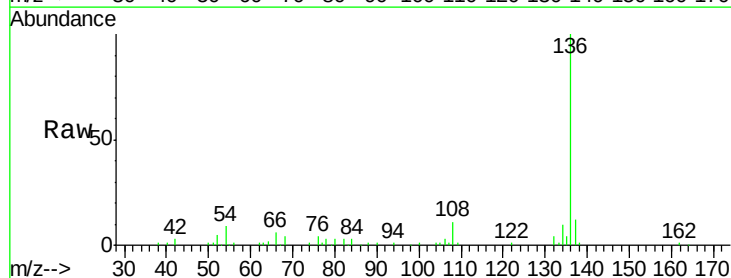
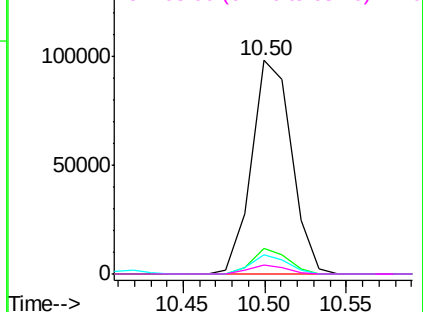
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

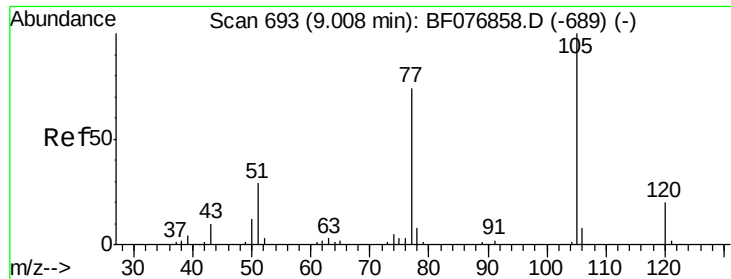


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	136	Resp	167148
Ion Ratio	Lower	Upper	
136	100		
137	12.3	8.1	12.1#
54	8.9	7.0	10.4
68	4.1	3.7	5.5

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





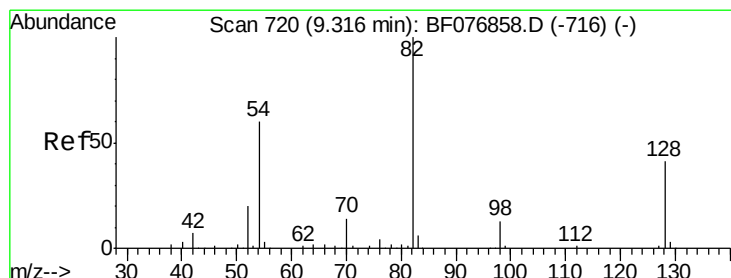
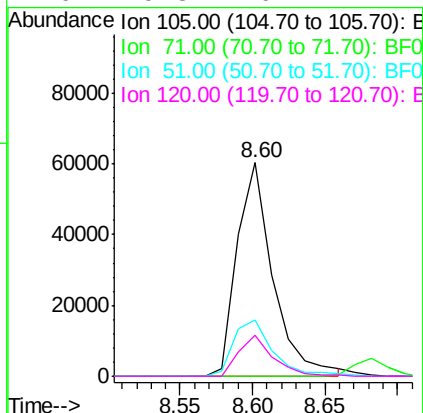
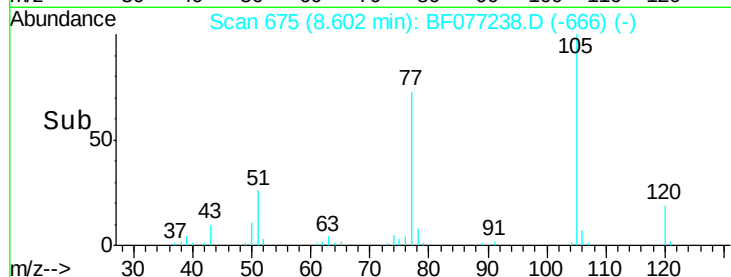
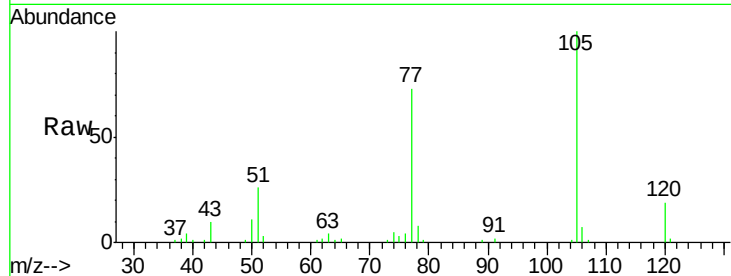
#22
Acetophenone
Concen: 25.33 ng
RT: 8.60 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	26.3	23.3	34.9
120	19.3	16.1	24.1

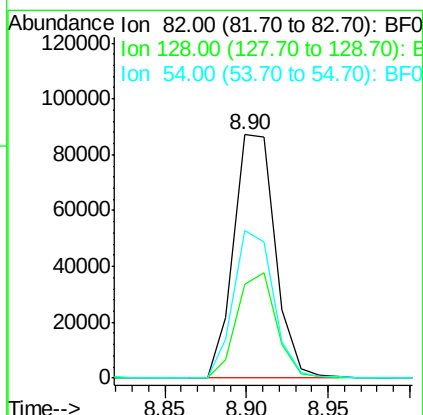
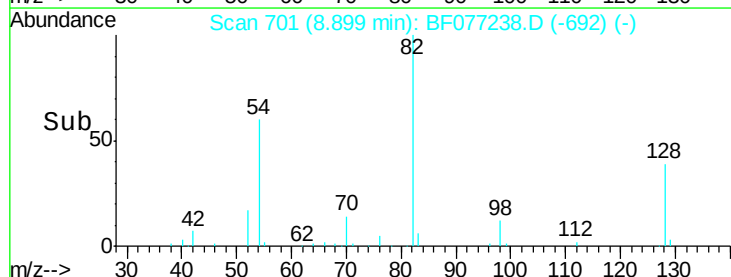
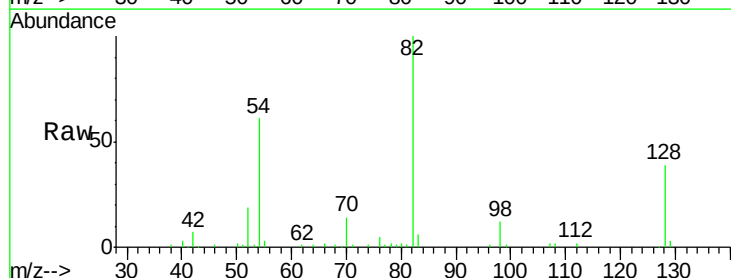
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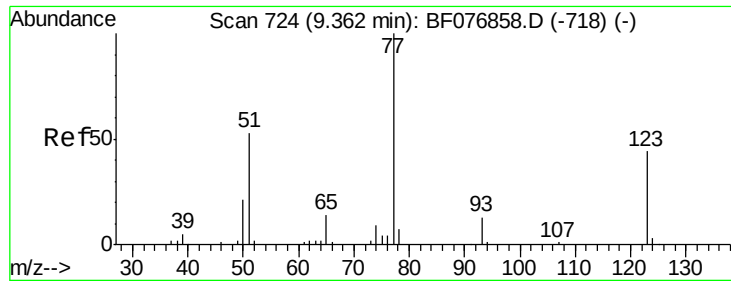
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#23
Nitrobenzene-d5
Concen: 50.92 ng
RT: 8.90 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.6	33.1	49.7
54	60.7	48.3	72.5





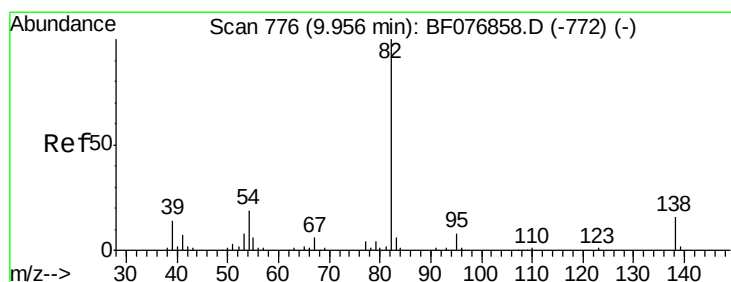
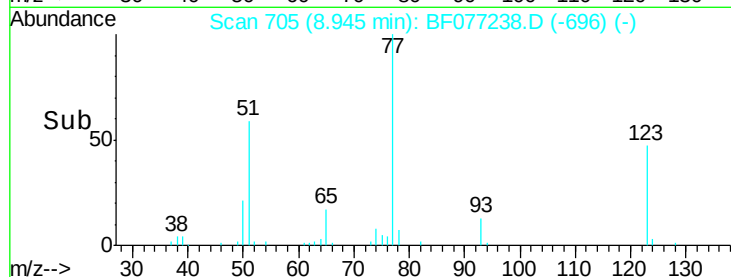
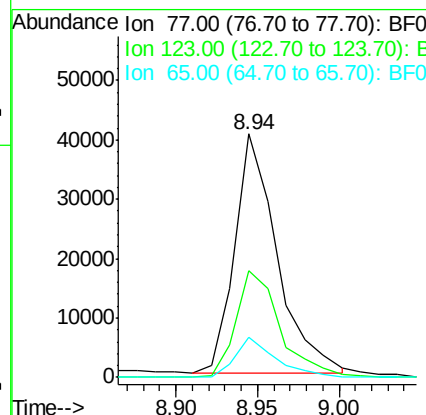
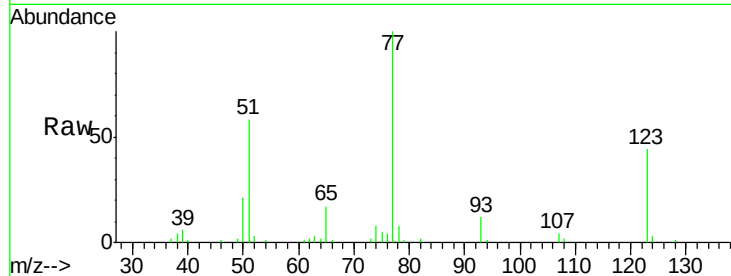
#24
 Nitrobenzene
 Concen: 23.51 ng
 RT: 8.94 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.2	52.8
65	16.7	11.4	17.2

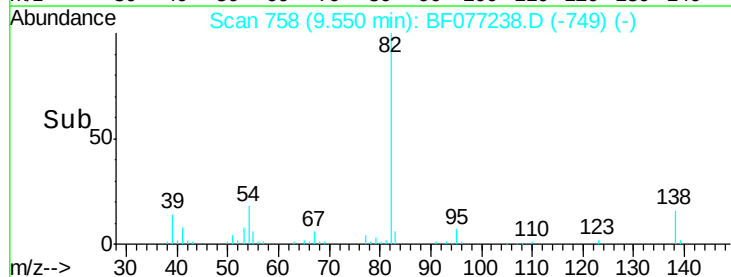
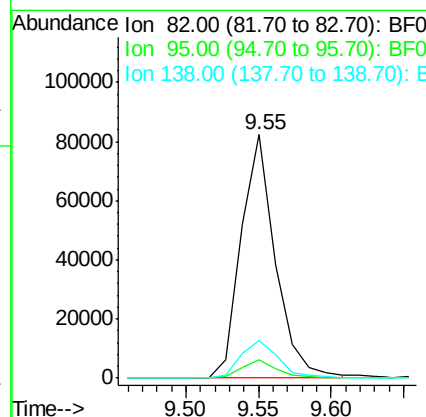
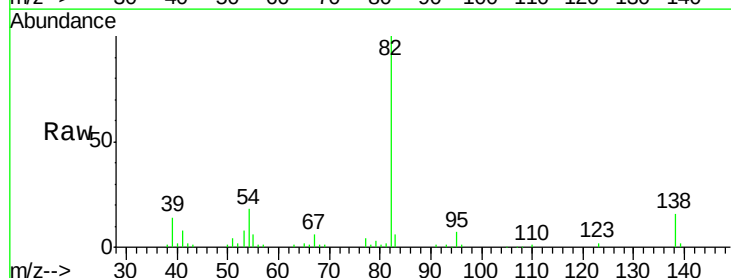
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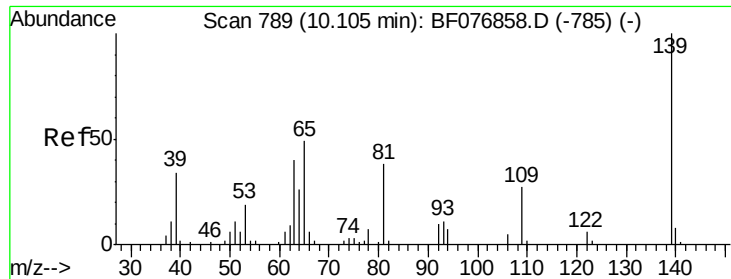
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#25
 Isophorone
 Concen: 24.61 ng
 RT: 9.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.6	10.0
138	15.5	12.6	18.8





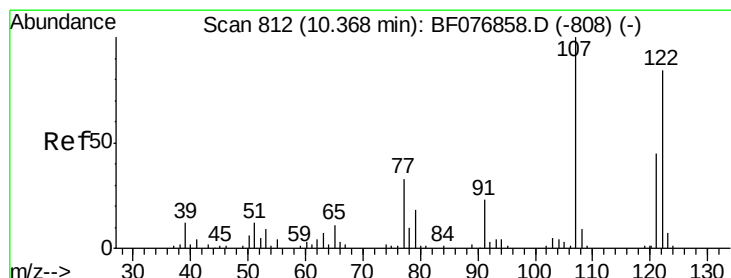
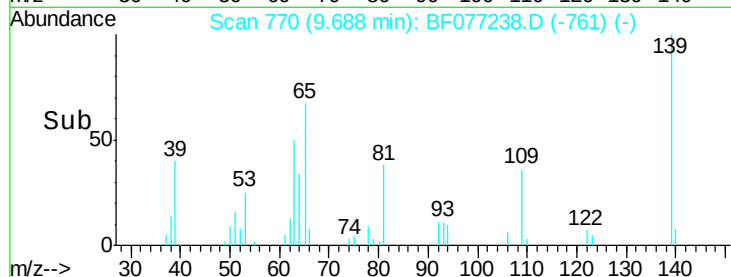
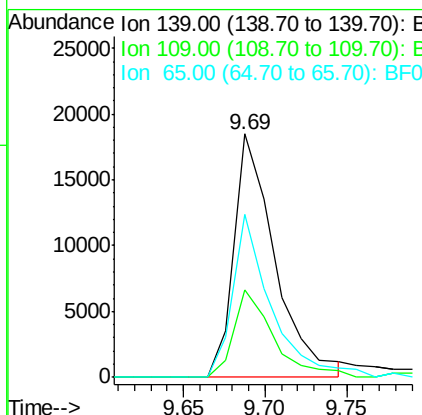
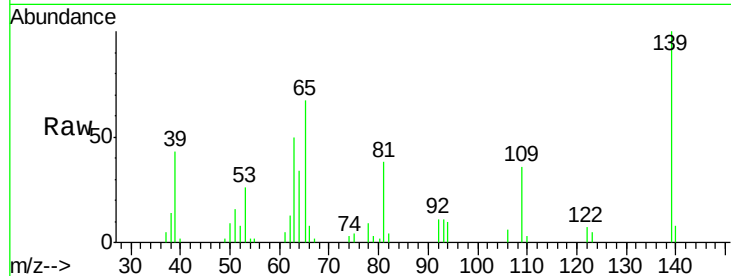
#26
2-Nitrophenol
Concen: 21.53 ng
RT: 9.69 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampled :
PB81682BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	36.1	21.3	31.9#	
65	66.9	39.4	59.0#	

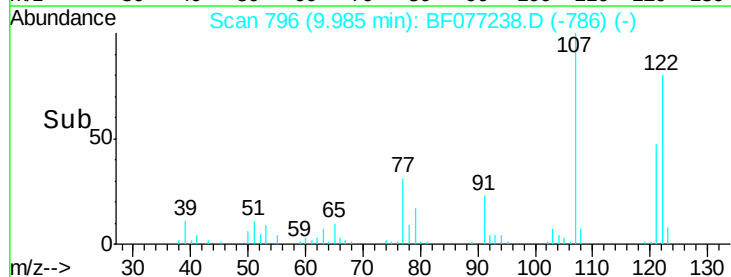
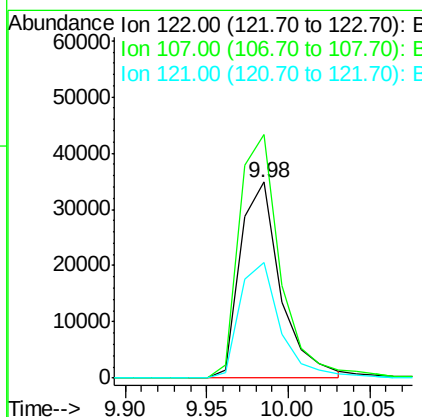
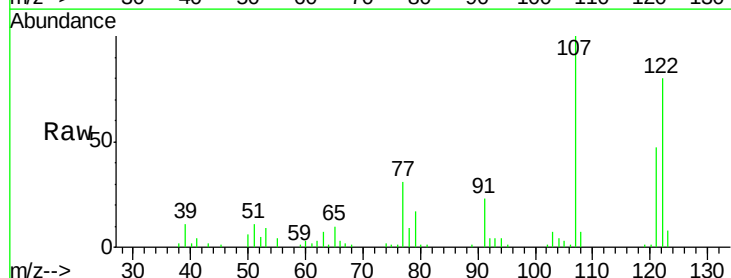
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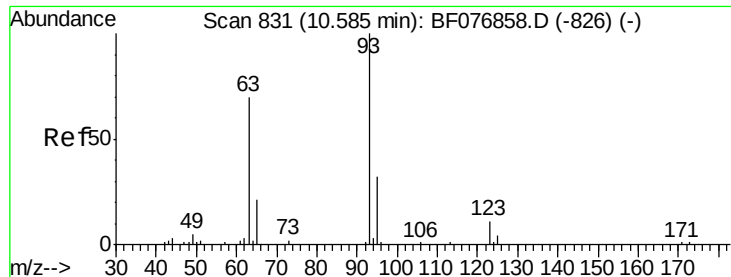
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#27
2,4-Dimethylphenol
Concen: 25.23 ng
RT: 9.98 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.4	95.2	142.8	
121	59.0	42.9	64.3	





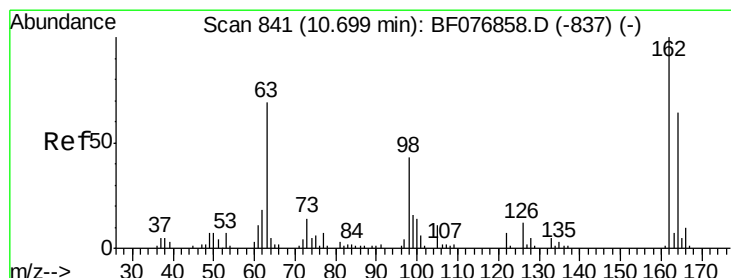
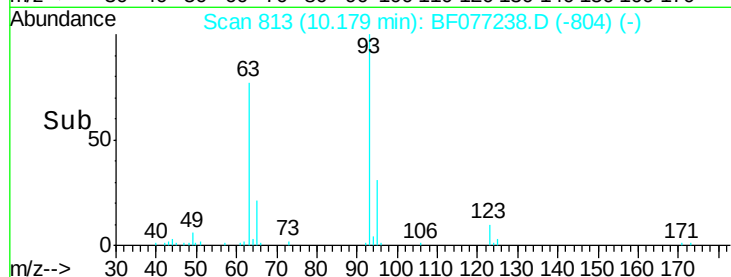
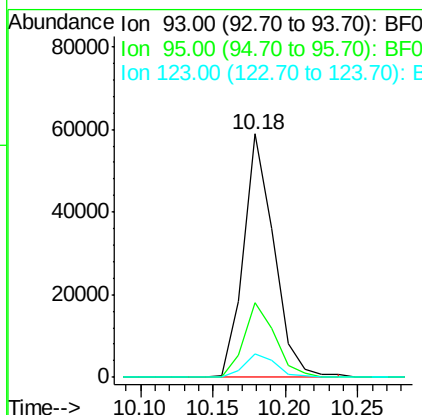
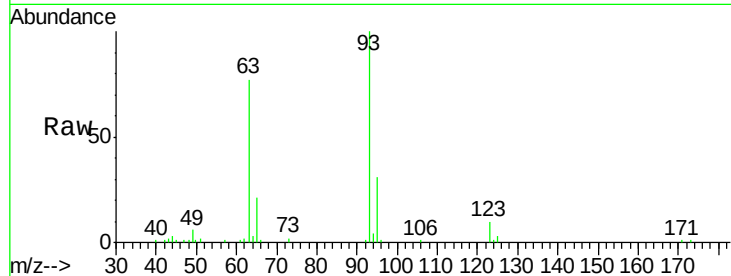
#28
bis(2-Chloroethoxy)methane
Concen: 27.43 ng
RT: 10.18 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.6	38.4
123	9.7	8.9	13.3

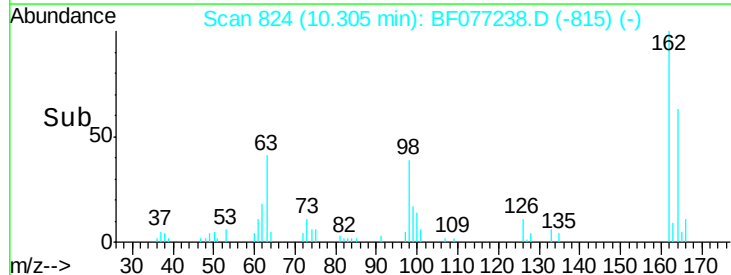
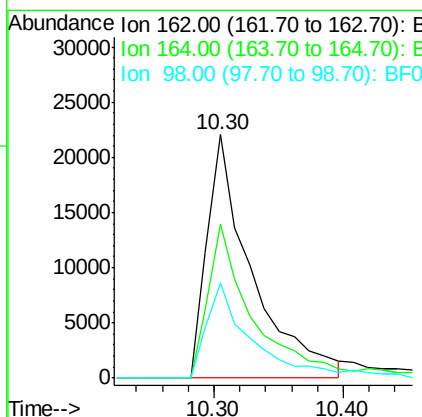
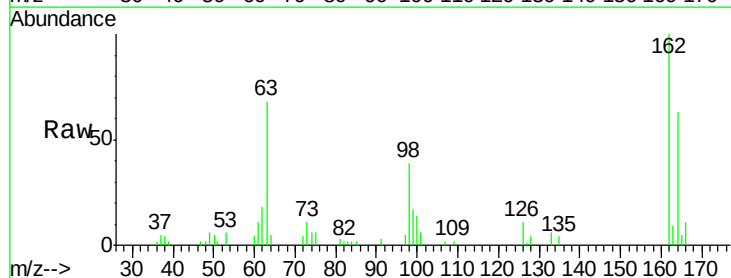
Manual Integrations
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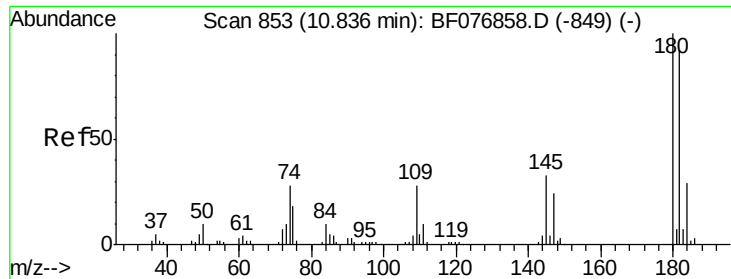
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#29
2,4-Dichlorophenol
Concen: 24.06 ng m
RT: 10.30 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.5	43.8	83.8
98	39.1	22.5	62.5





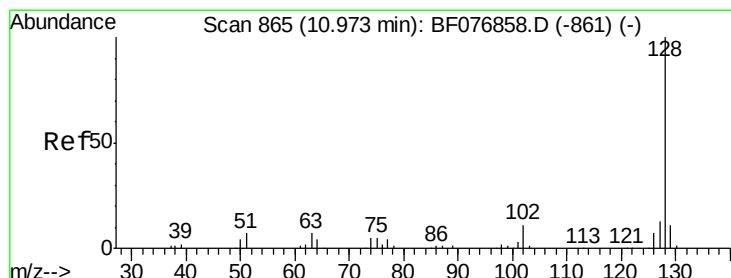
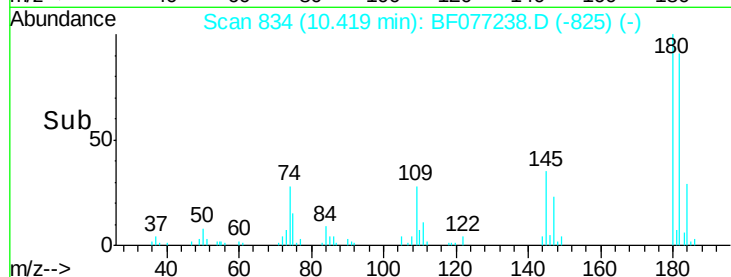
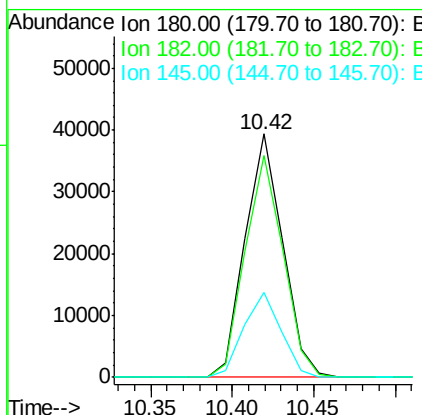
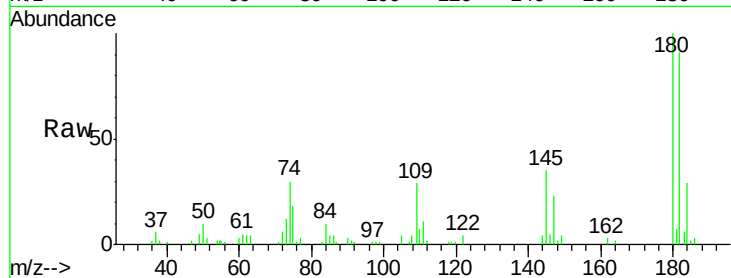
#30
 1,2,4-Trichlorobenzene
 Concen: 25.65 ng
 RT: 10.42 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	73.6	110.4
145	35.0	26.6	39.8

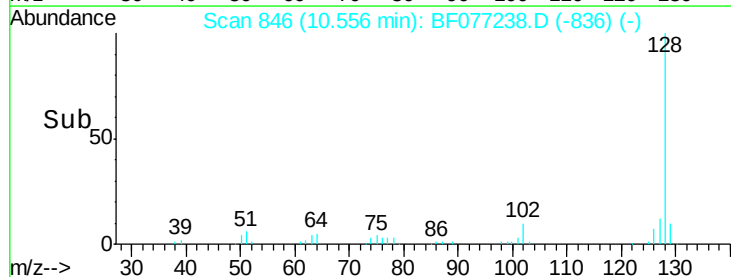
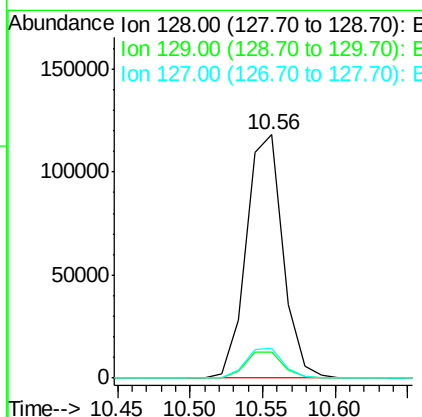
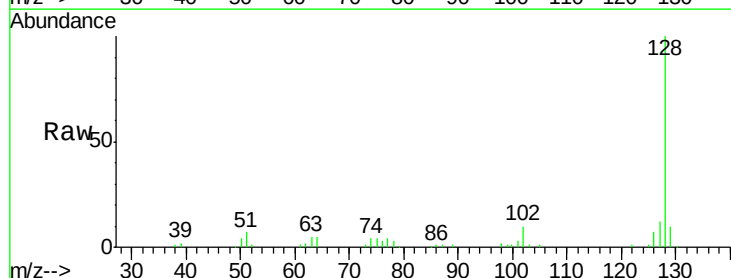
Manual Integrations
 APPROVED

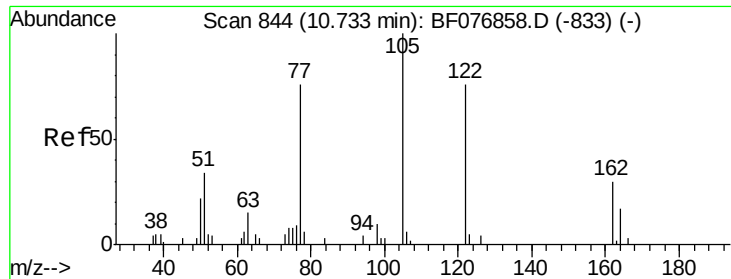
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#31
 Naphthalene
 Concen: 24.02 ng
 RT: 10.56 min Scan# 846
 Delta R.T. 0.01 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.6
127	12.4	10.2	15.2





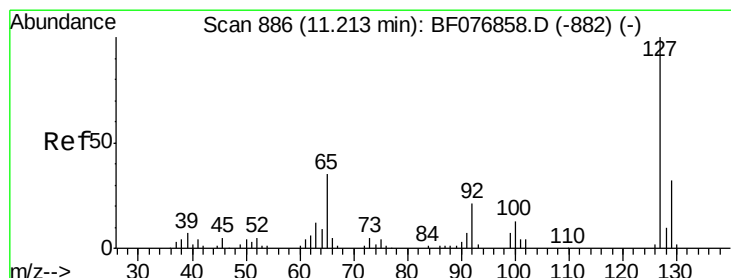
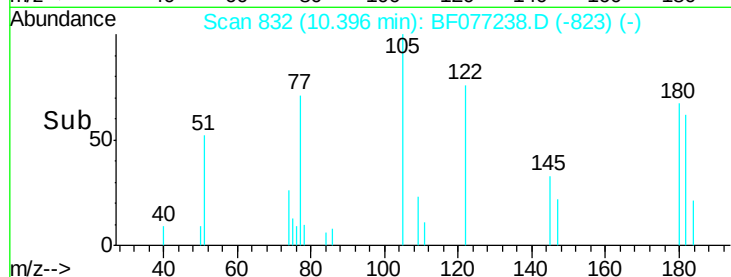
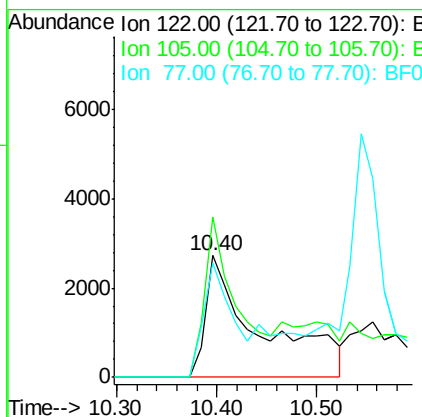
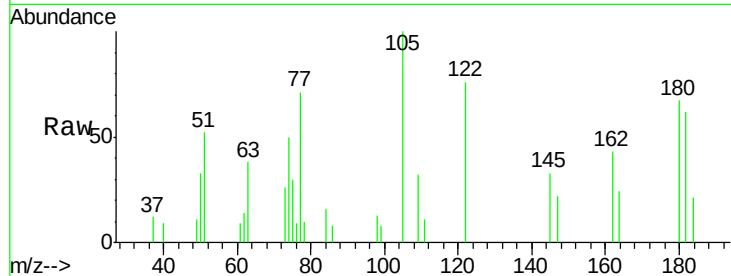
#32
Benzoic acid
Concen: 7.83 ng m
RT: 10.40 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	131.5	111.3	151.3
77	93.8	79.2	119.2

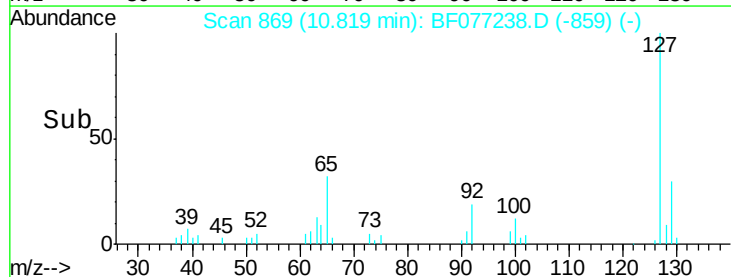
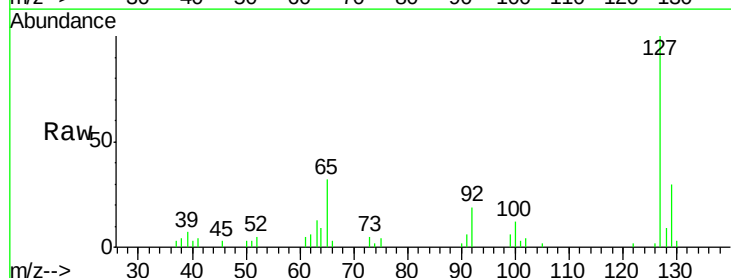
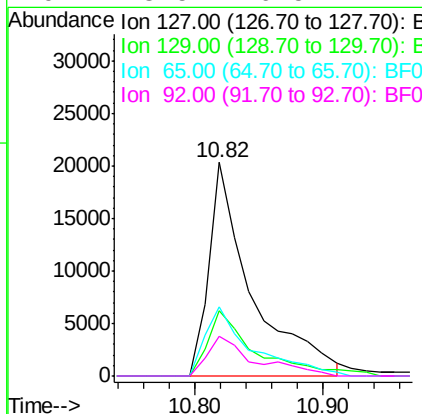
Manual Integrations
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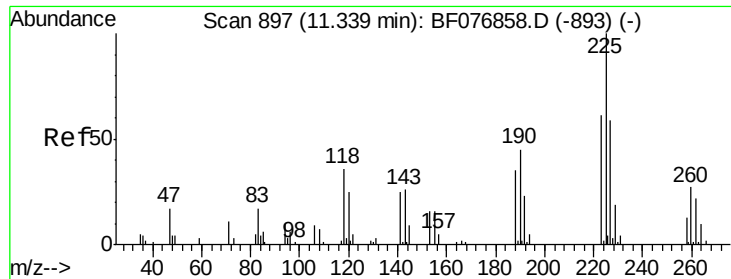
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#33
4-Chloroaniline
Concen: 13.53 ng m
RT: 10.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.3	37.9
65	32.3	27.8	41.6
92	18.5	16.5	24.7





#34

Hexachlorobutadiene

Concen: 23.98 ng

RT: 10.92 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

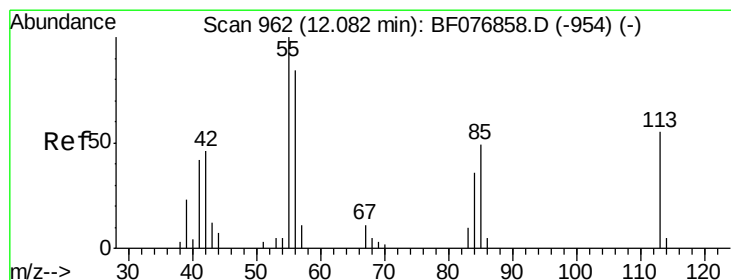
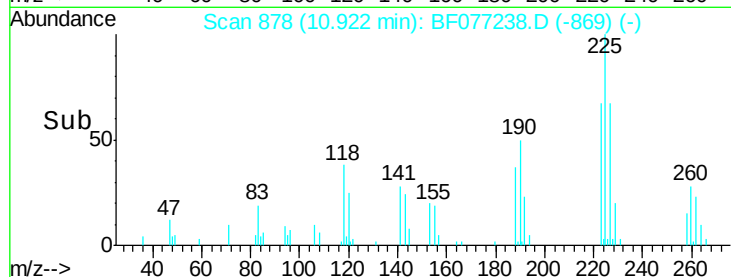
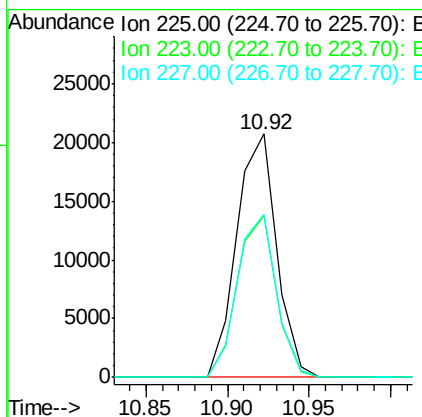
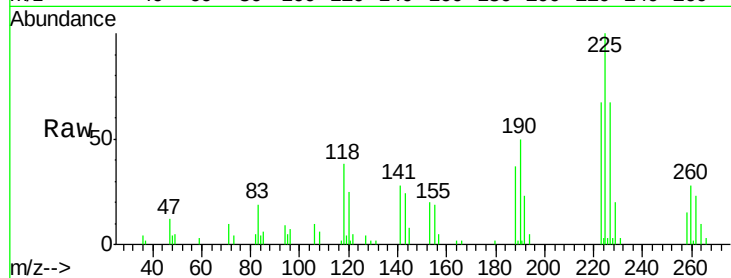
ClientSampleId :

PB81682BS

Tot Ion:	225	Resp:	35011
Ion Ratio	Lower	Upper	
225	100		
223	66.7	49.1	73.7
227	67.1	47.5	71.3

Manual Integrations
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#35

Caprolactam

Concen: 24.83 ng m

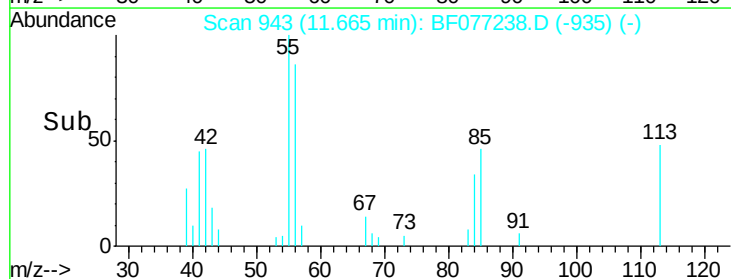
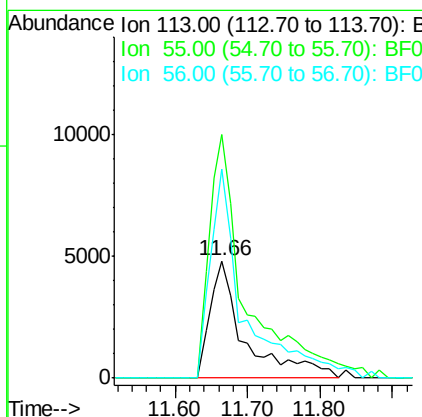
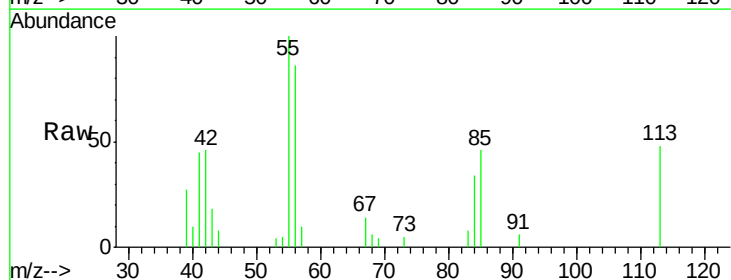
RT: 11.66 min Scan# 943

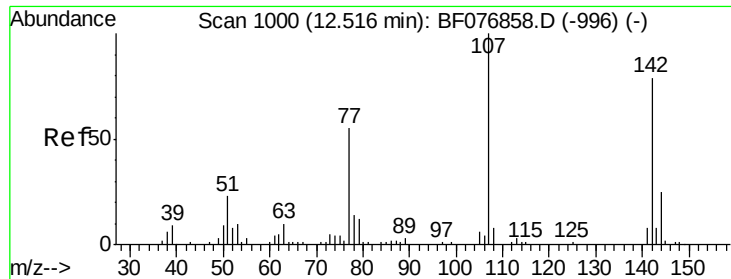
Delta R.T. -0.01 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	113	Resp:	16192
Ion Ratio	Lower	Upper	
113	100		
55	208.0	162.1	202.1#
56	179.0	133.7	173.7#





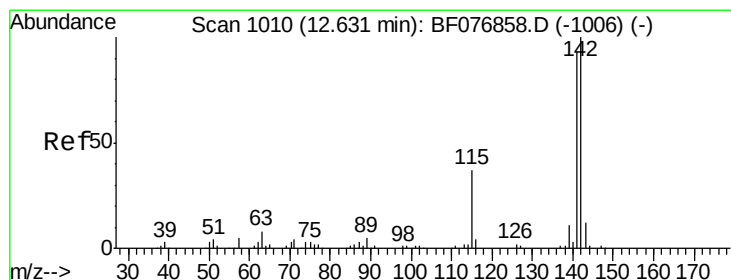
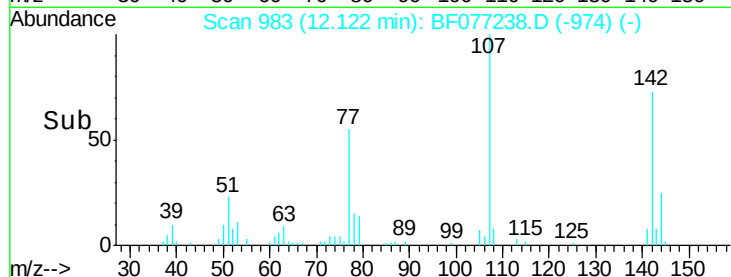
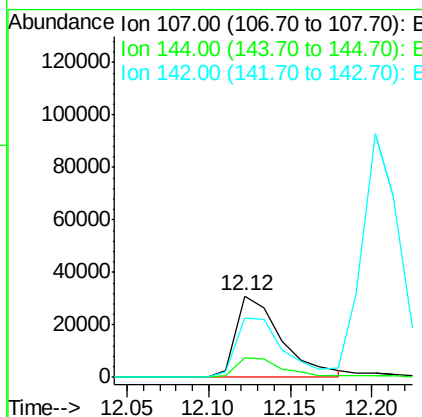
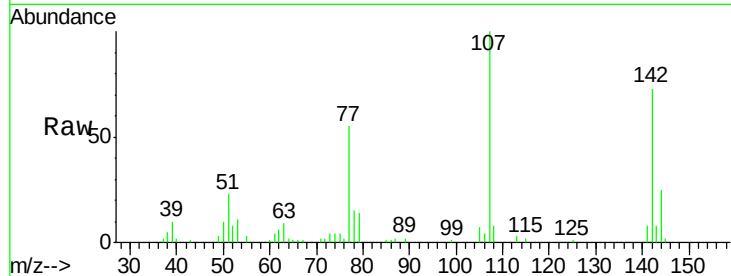
#36
 4-Chloro-3-methylphenol
 Concen: 23.65 ng
 RT: 12.12 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	59996		
144	24.8	20.0	30.0	
142	72.8	63.5	95.3	

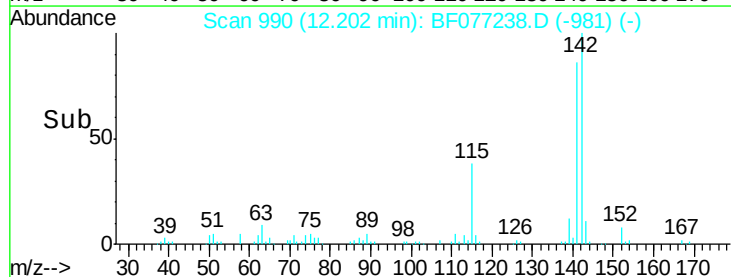
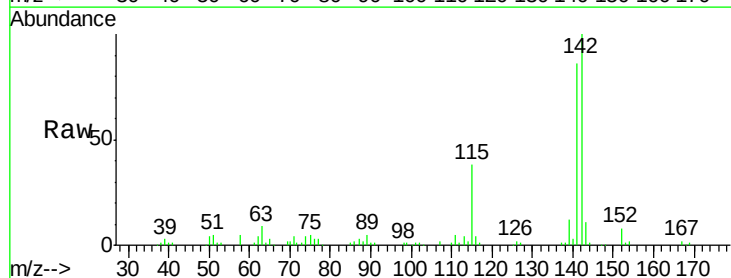
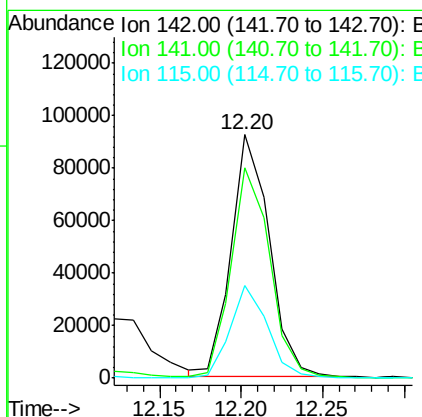
Manual Integrations
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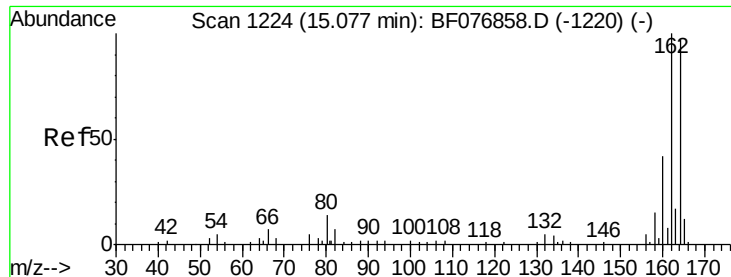
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#37
 2-Methylnaphthalene
 Concen: 25.21 ng
 RT: 12.20 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148184		
141	86.4	74.5	111.7	
115	37.9	29.7	44.5	





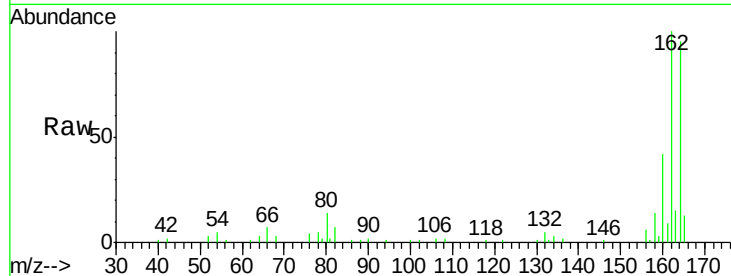
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	44.7	34.8	52.2

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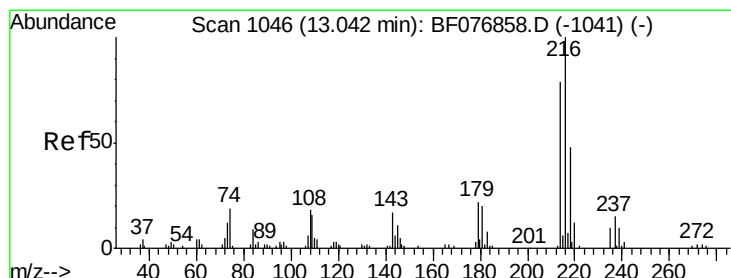
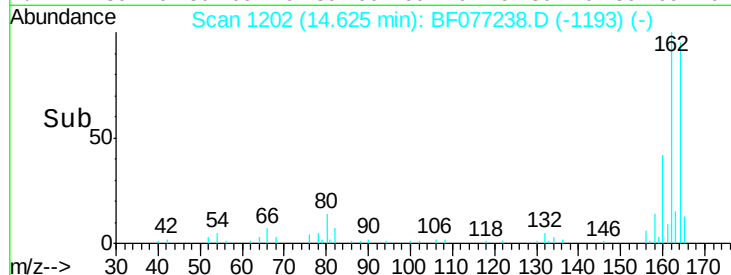
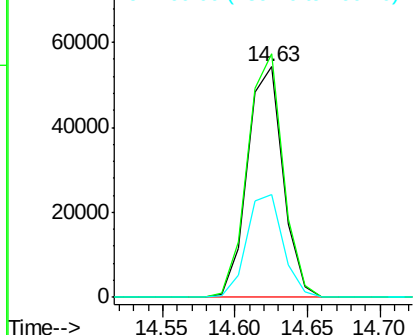


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.50 ng
RT: 12.60 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	64.9	97.3
179	24.2	18.6	28.0
108	25.2	18.1	27.1

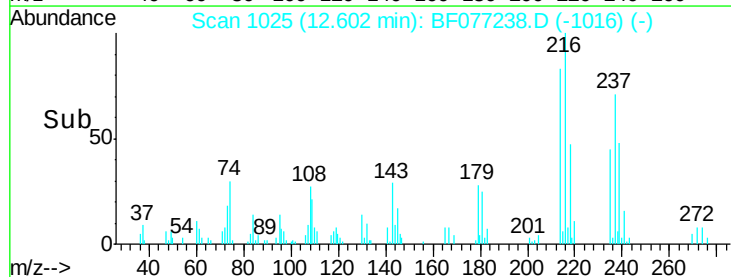
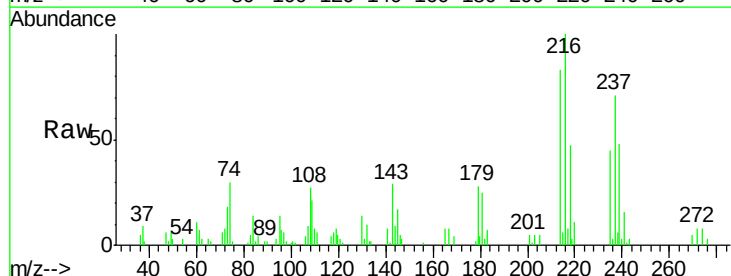
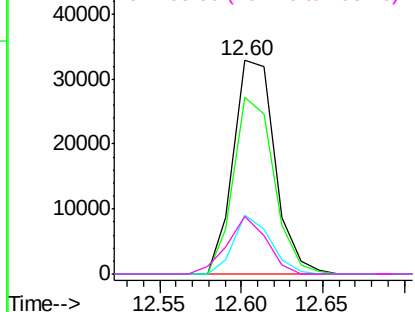
Abundance

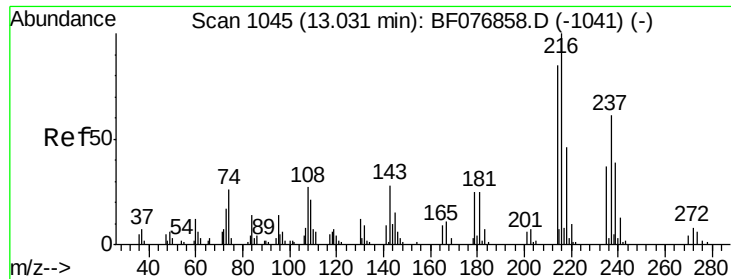
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 48.75 ng

RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

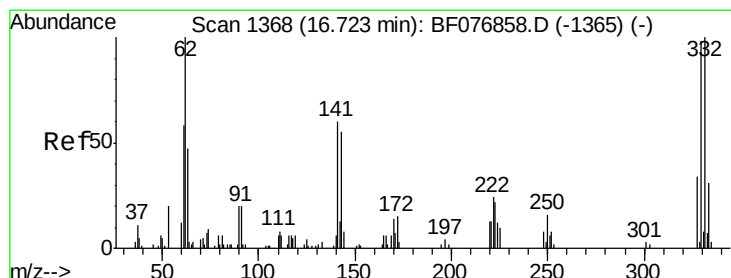
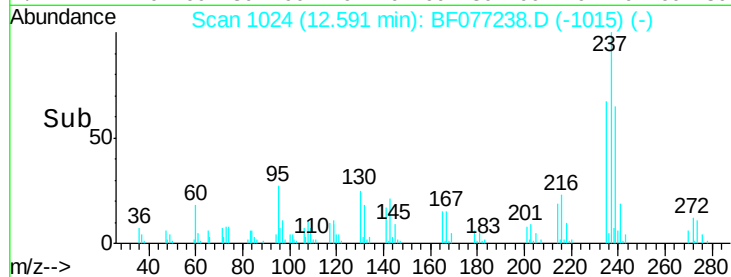
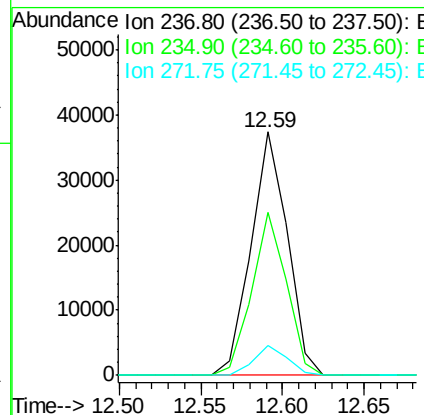
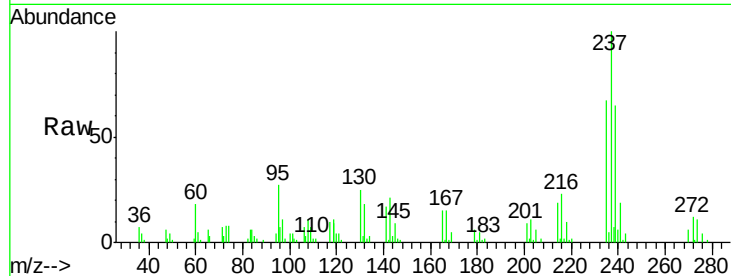
ClientSampleId :

PB81682BS

Tot Ion:	237	Resp:	57573
Ion Ratio		Lower	Upper
237	100		
235	67.0	40.4	80.4
272	12.1	0.0	33.2

Manual Integrations
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#41

2,4,6-Tribromophenol

Concen: 80.60 ng

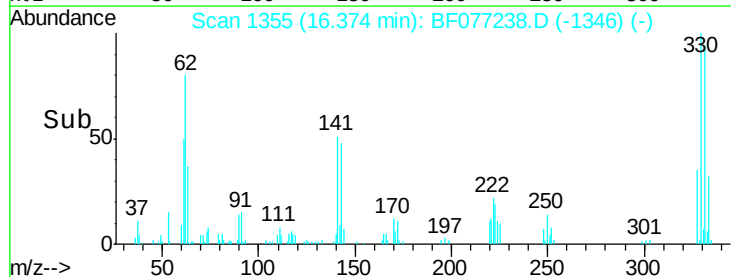
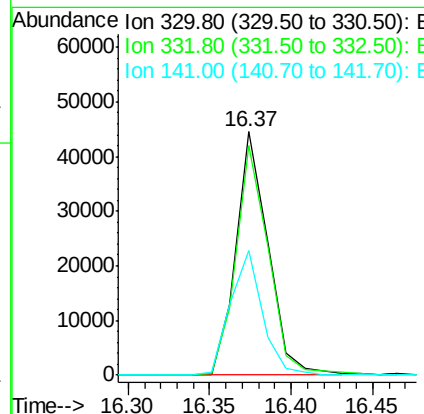
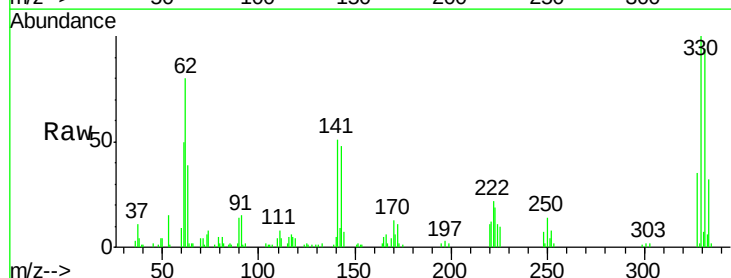
RT: 16.37 min Scan# 1355

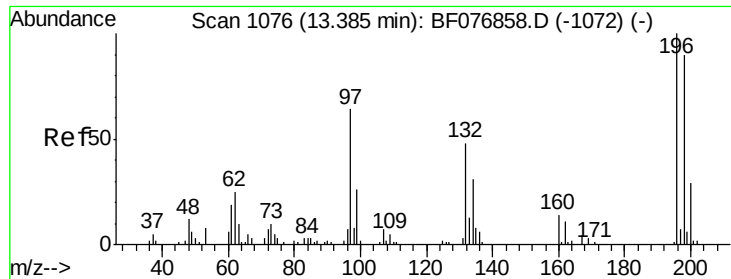
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	330	Resp:	60408
Ion Ratio		Lower	Upper
330	100		
332	95.0	77.8	116.6
141	51.1	38.5	57.7





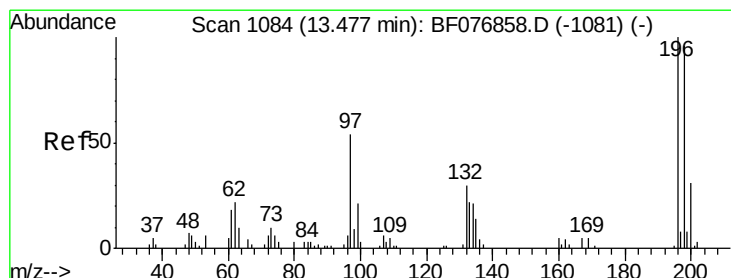
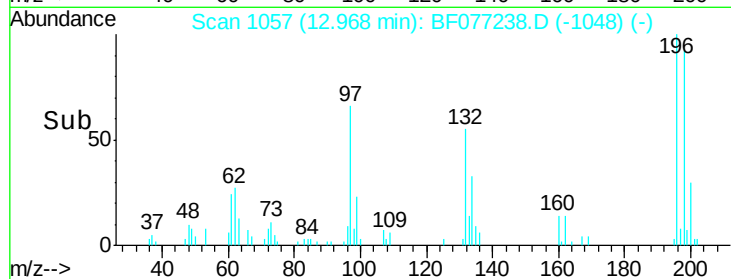
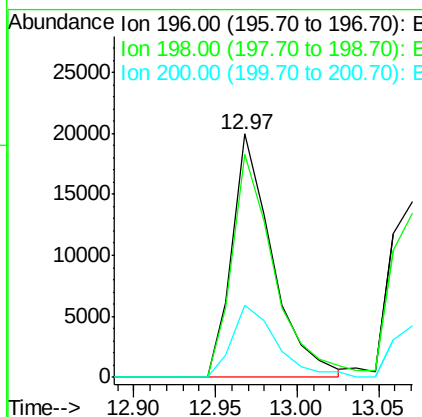
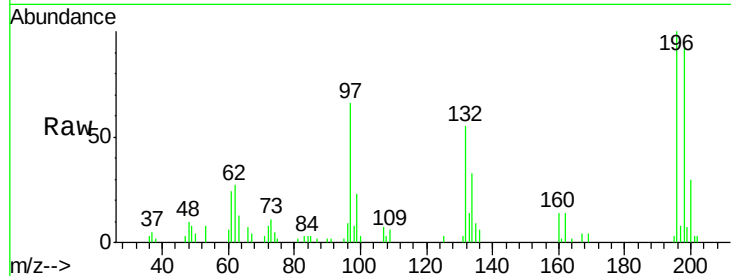
#42
 2,4,6-Trichlorophenol
 Concen: 20.61 ng
 RT: 12.97 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampled :
 PB81682BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	34286		
198	91.8	72.0	108.0	
200	29.8	23.4	35.2	

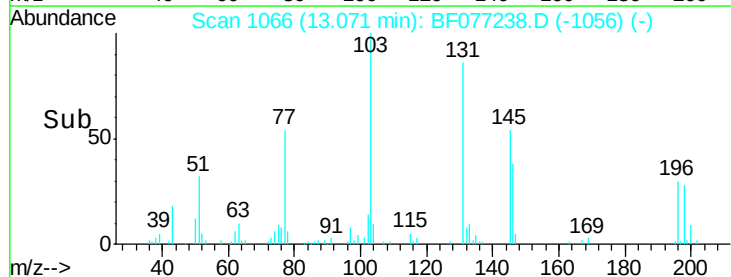
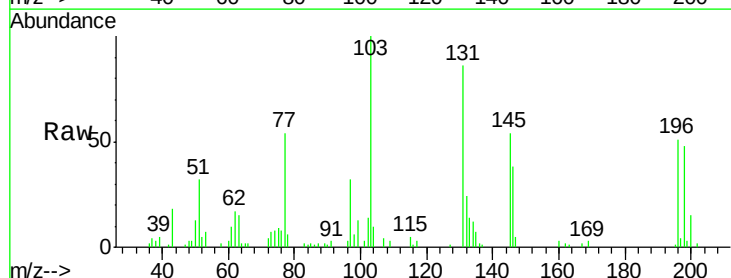
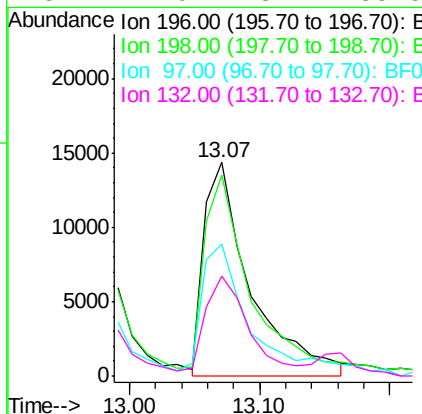
Manual Integrations
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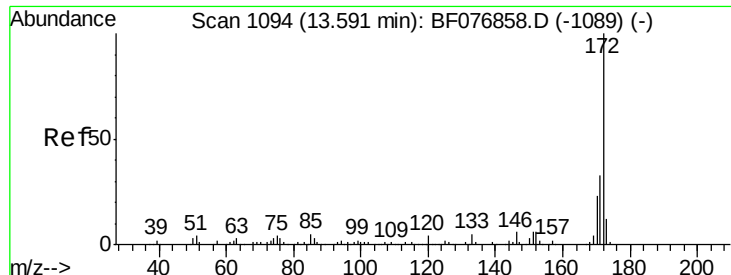
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#43
 2,4,5-Trichlorophenol
 Concen: 21.21 ng m
 RT: 13.07 min Scan# 1066
 Delta R.T. 0.01 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	35983		
198	93.8	76.6	115.0	
97	61.8	43.4	65.0	
132	47.0	23.7	35.5#	





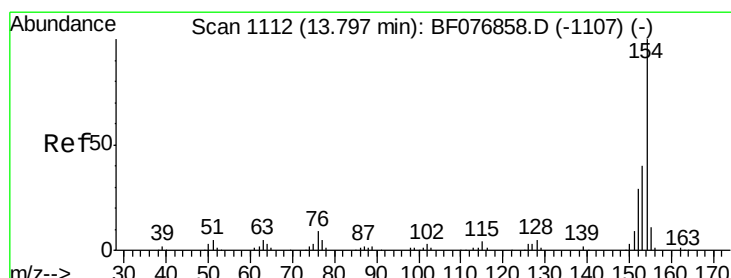
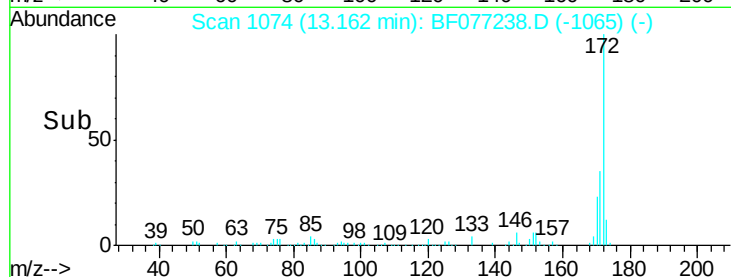
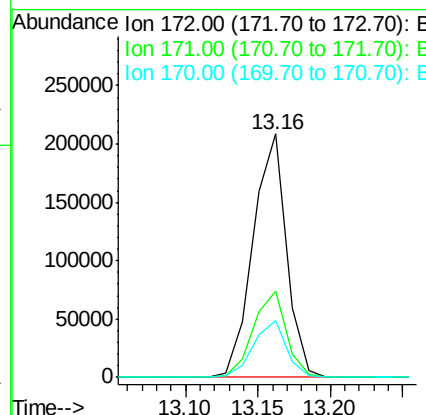
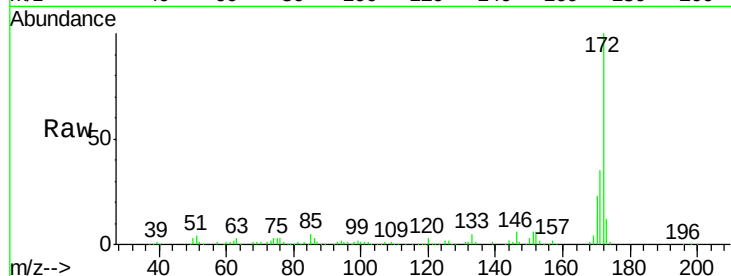
#44
2-Fluorobiphenyl
Concen: 54.88 ng
RT: 13.16 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	26.6	40.0	
170	23.2	18.0	27.0	

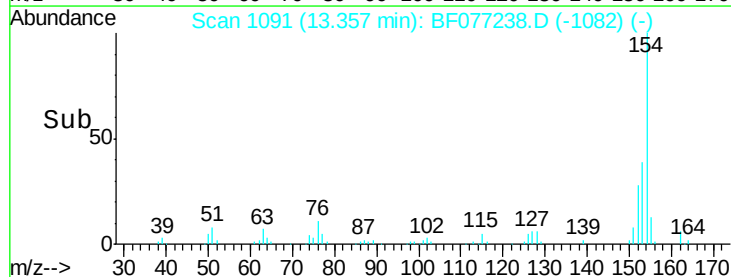
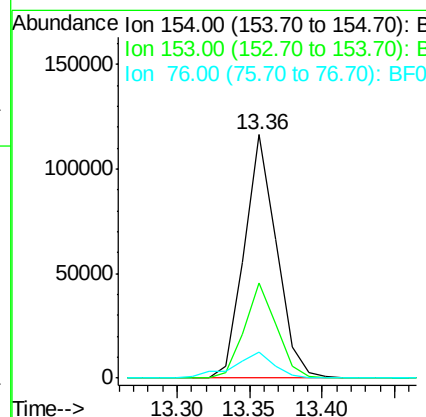
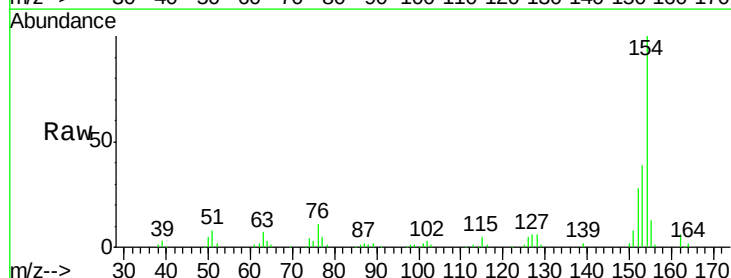
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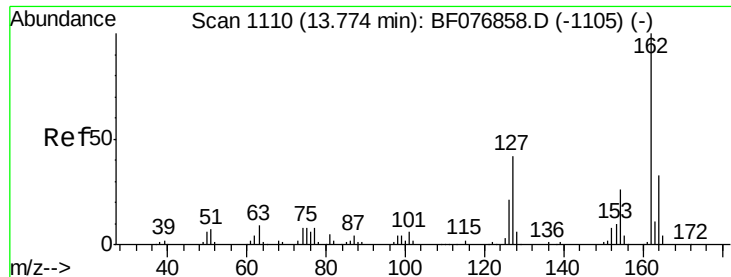
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#45
1,1'-Biphenyl
Concen: 26.27 ng
RT: 13.36 min Scan# 1091
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.3	20.2	60.2	
76	10.8	0.0	29.0	





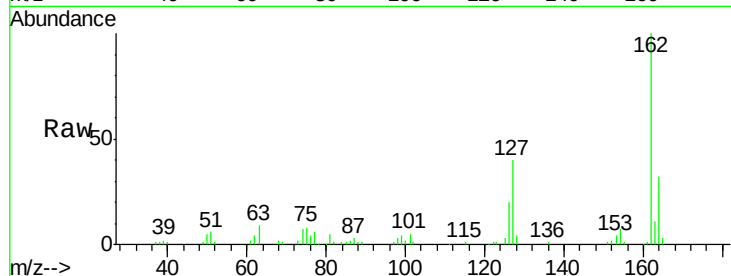
#46
2-Chloronaphthalene
Concen: 25.09 ng
RT: 13.33 min Scan# 1089
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

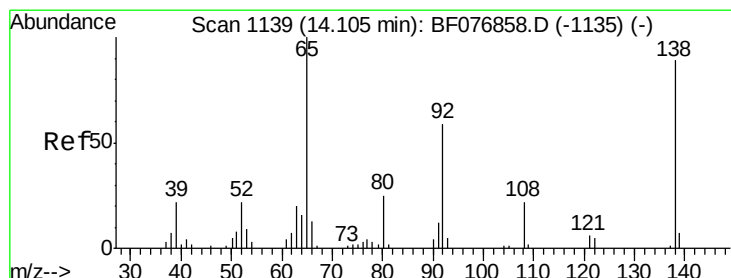
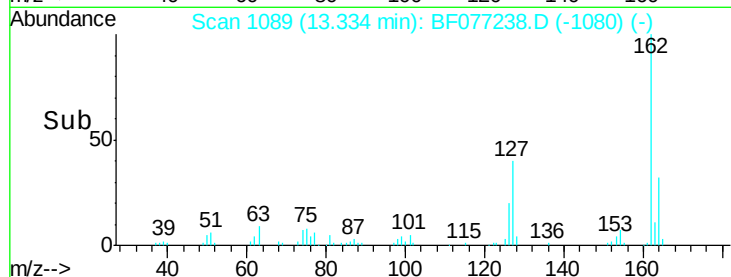
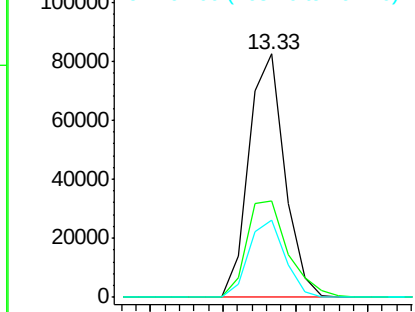
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.8	50.6
164	31.5	26.8	40.2

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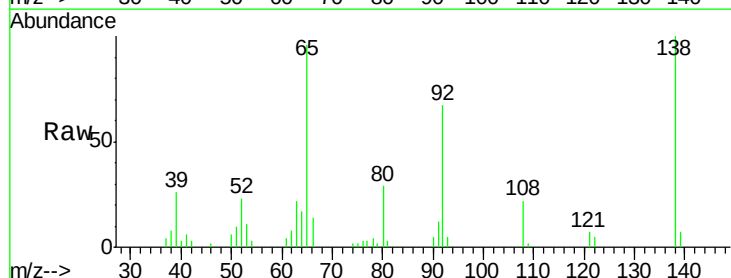


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

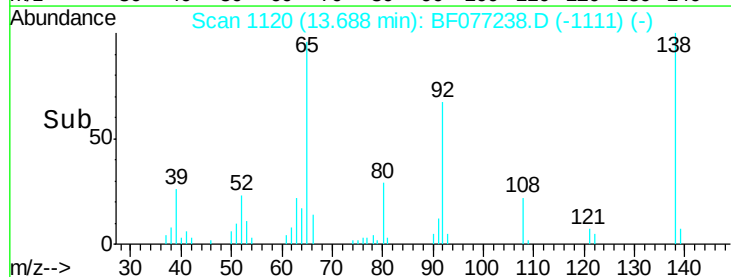
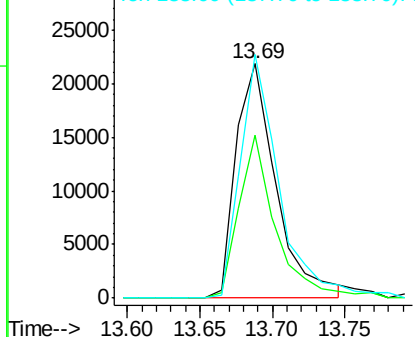


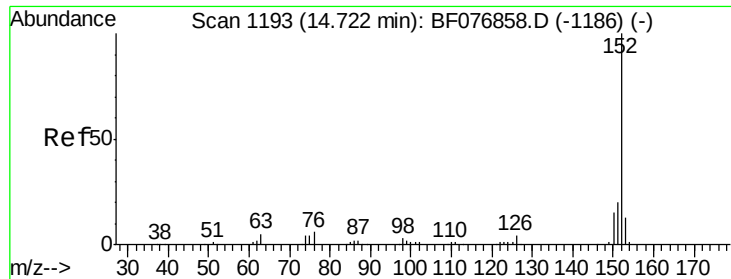
#47
2-Nitroaniline
Concen: 24.55 ng
RT: 13.69 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	47.3	70.9
138	103.9	71.4	107.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 24.04 ng

RT: 14.27 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

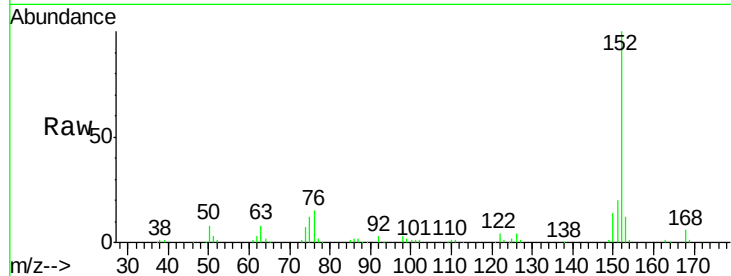
ClientSampleId :

PB81682BS

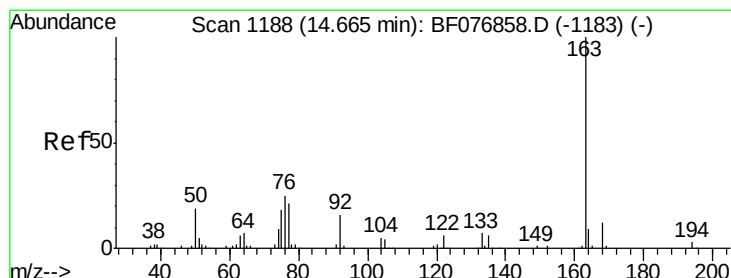
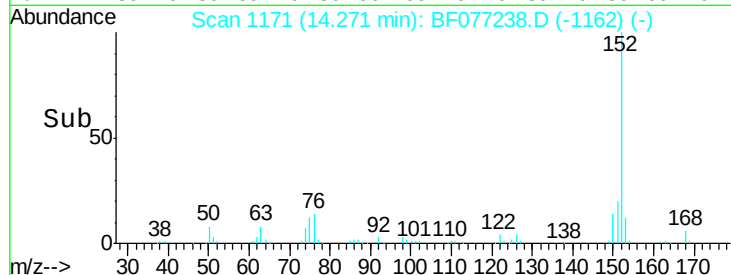
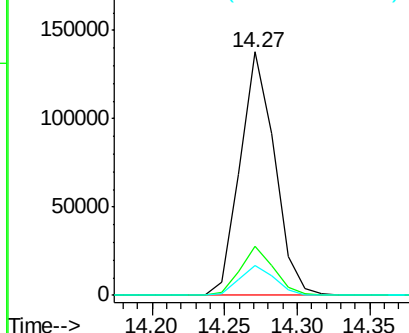
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		228391		
151	20.0		15.9	23.9	
153	12.4		10.2	15.4	

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 26.97 ng

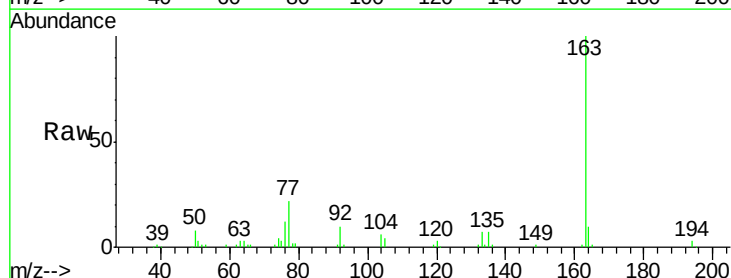
RT: 14.24 min Scan# 1168

Delta R.T. -0.00 min

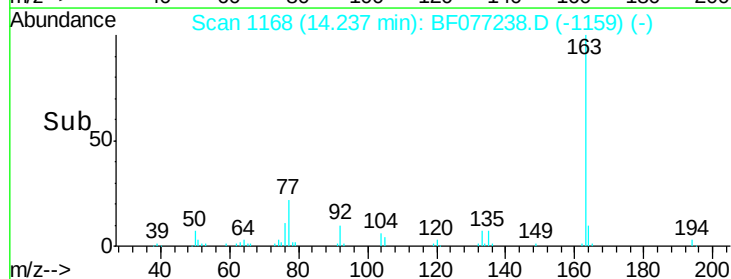
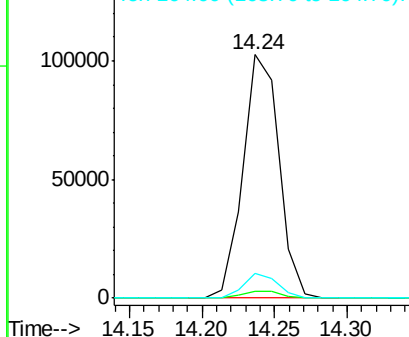
Lab File: BF077238.D

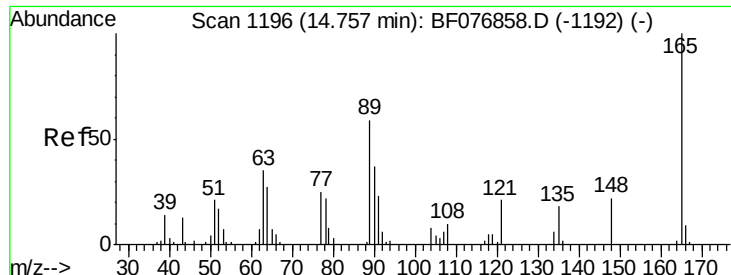
Acq: 10 Feb 2015 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		176618		
194	2.9		2.6	4.0	
164	10.4		7.5	11.3	



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





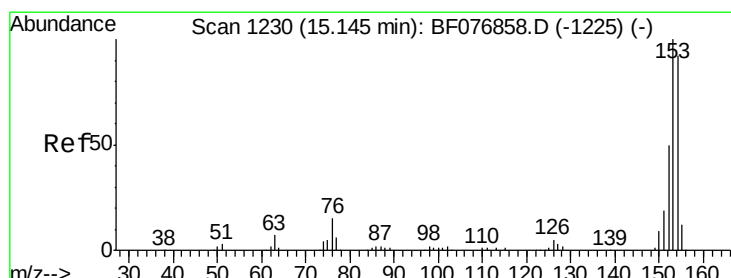
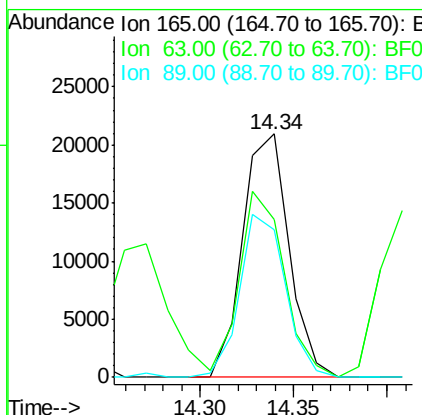
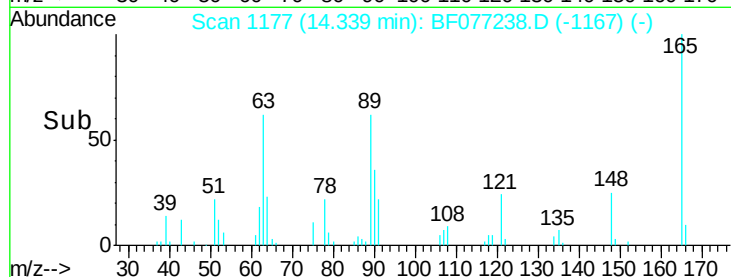
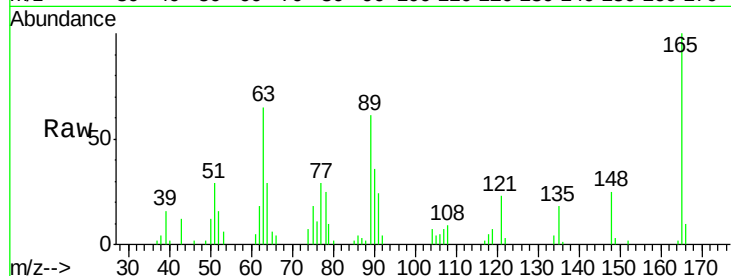
#50
 2,6-Dinitrotoluene
 Concen: 27.60 ng
 RT: 14.34 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		36110		
63	64.8	48.1	72.1		
89	60.6	47.2	70.8		

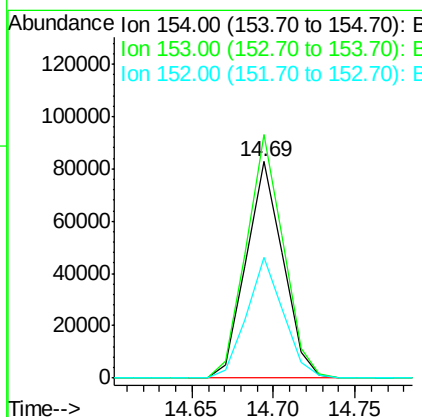
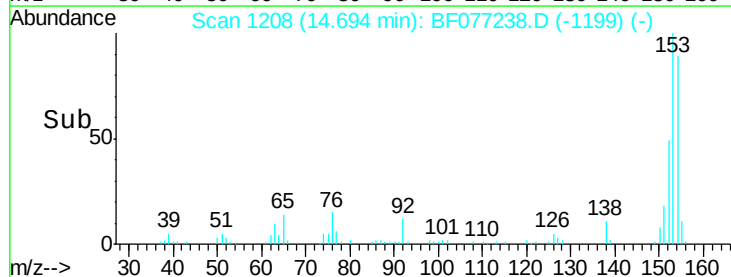
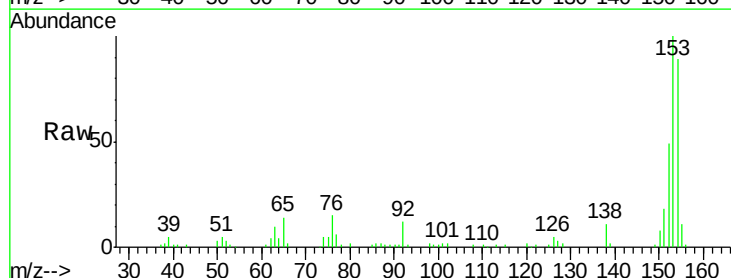
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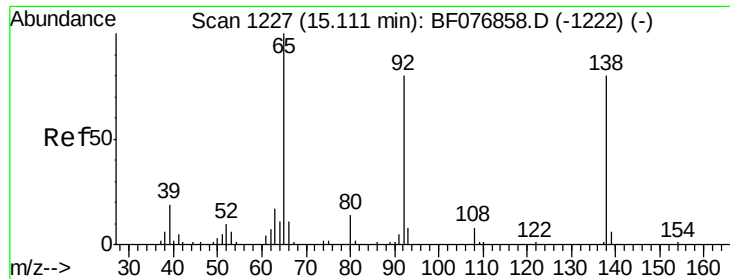
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#51
 Acenaphthene
 Concen: 24.22 ng
 RT: 14.69 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		130528		
153	112.4	87.0	130.6		
152	55.6	43.5	65.3		





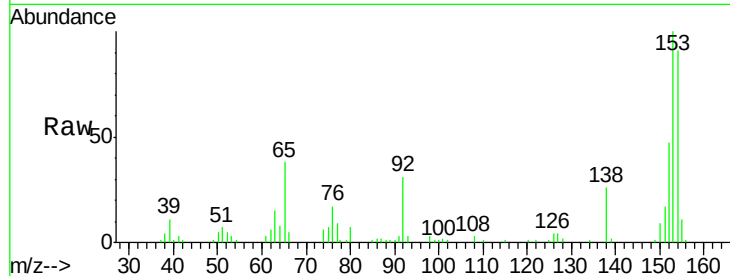
#52
3-Nitroaniline
Concen: 15.77 ng
RT: 14.68 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

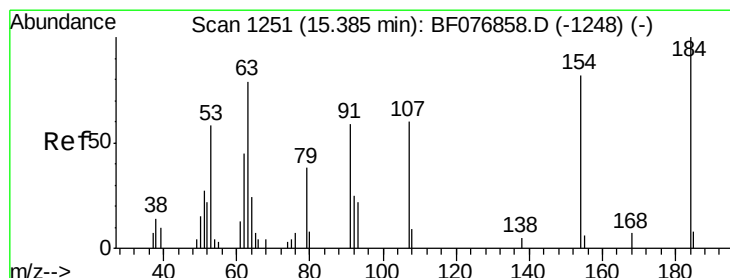
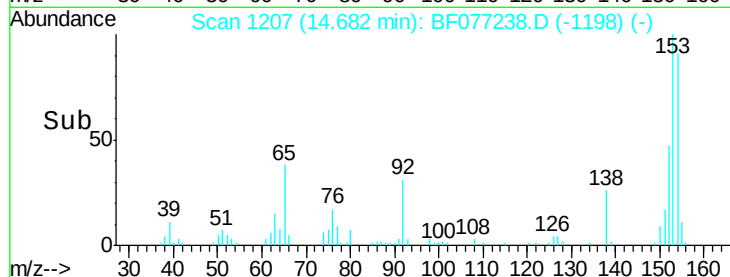
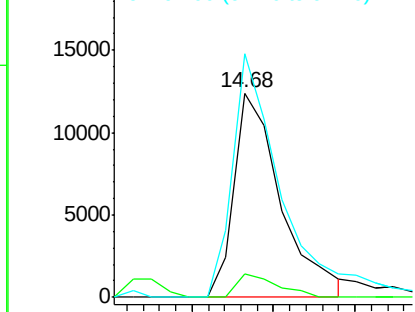
Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.3	12.5
92	119.4	80.9	121.3

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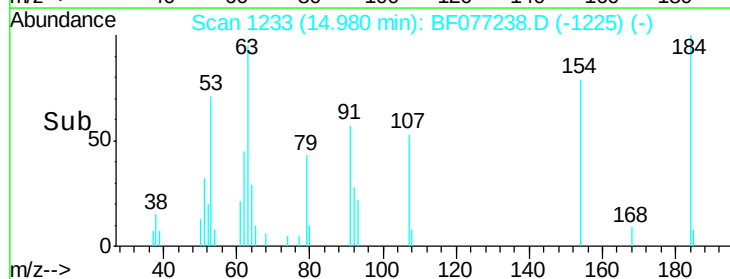
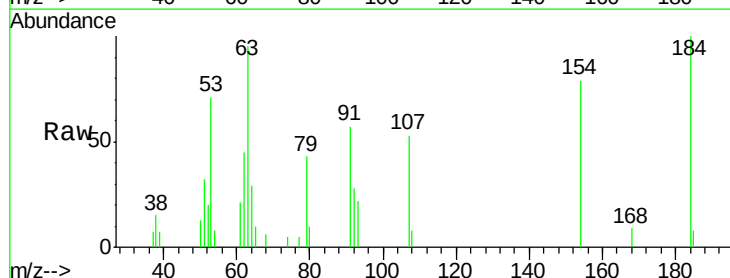
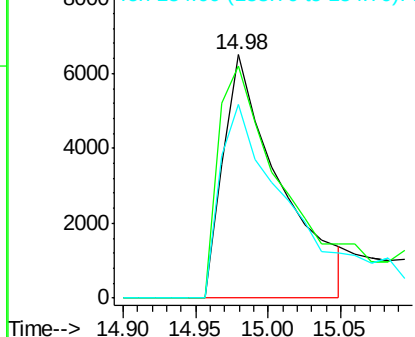
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

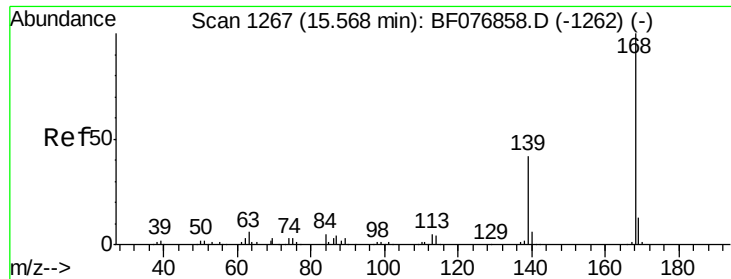


#53
2,4-Dinitrophenol
Concen: 36.37 ng
RT: 14.98 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	95.3	63.0	94.6#
154	79.3	65.5	98.3

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 26.05 ng

RT: 15.13 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

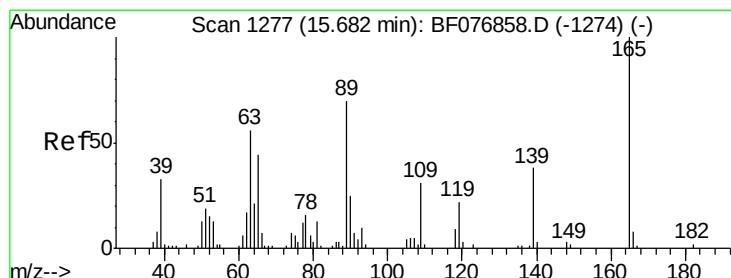
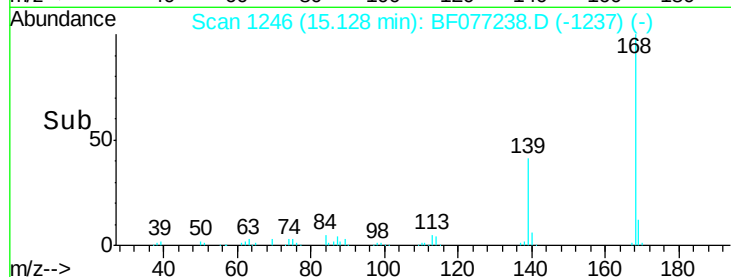
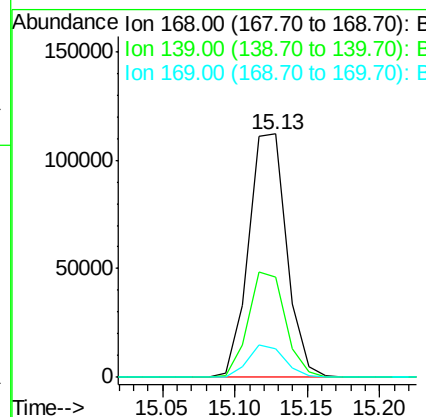
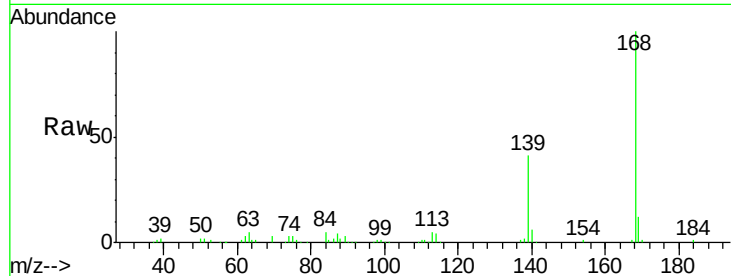
ClientSampled :

PB81682BS

Tot Ion:	168	Resp:	204585
Ion Ratio	Lower	Upper	
168	100		
139	41.1	33.4	50.2
169	11.9	10.6	15.8

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#55

4-Nitrophenol

Concen: 36.05 ng

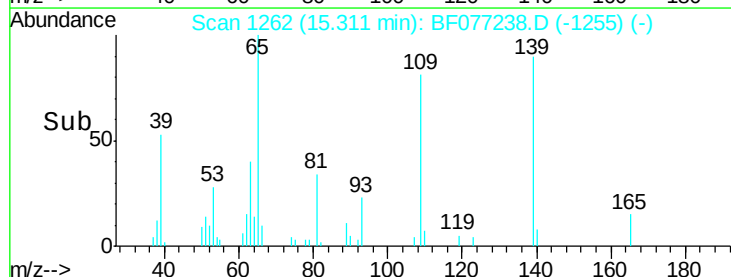
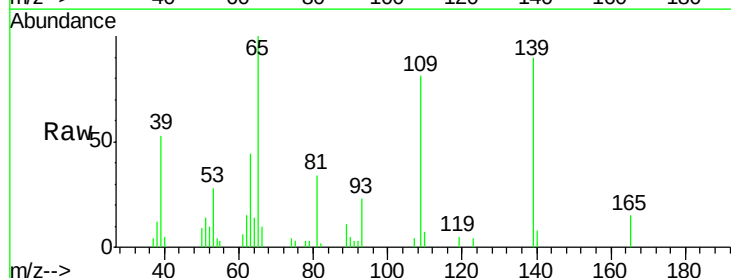
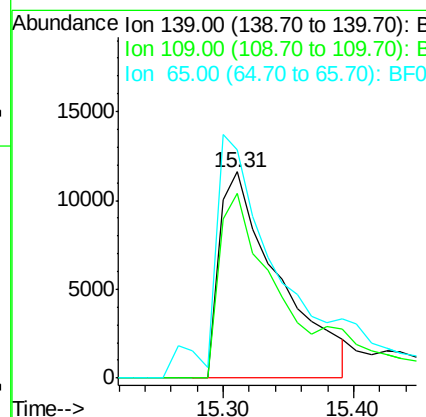
RT: 15.31 min Scan# 1262

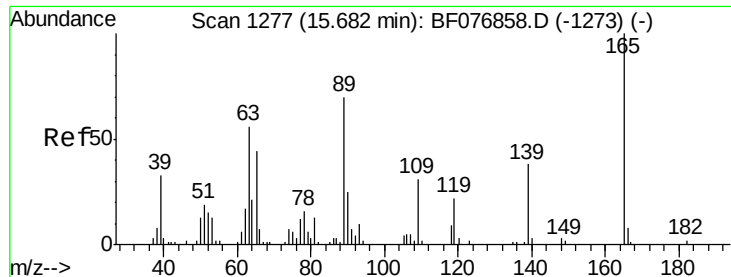
Delta R.T. -0.02 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	139	Resp:	37004
Ion Ratio	Lower	Upper	
139	100		
109	90.0	61.0	101.0
65	110.8	96.6	136.6





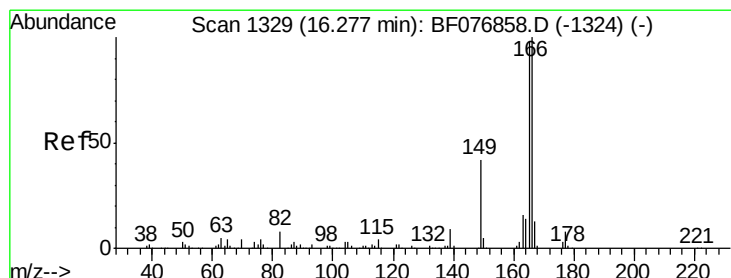
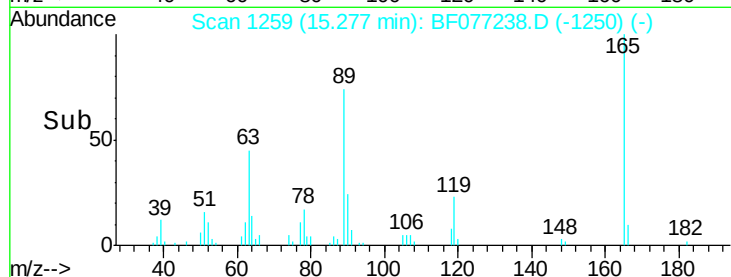
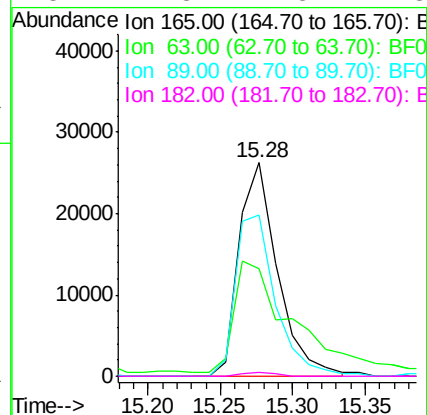
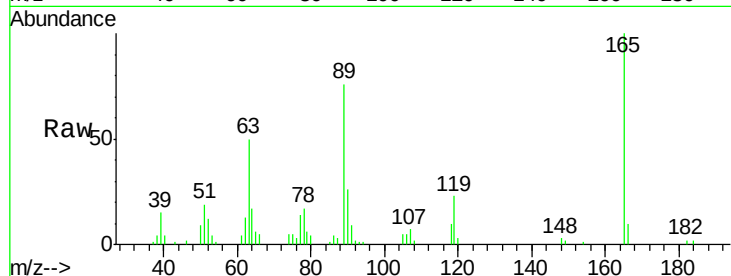
#56
2,4-Dinitrotoluene
Concen: 25.68 ng
RT: 15.28 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion:	165	Resp:	48350
Ion Ratio	Lower	Upper	
165	100		
63	50.4	44.8	67.2
89	75.7	56.2	84.2
182	1.8	1.5	2.3

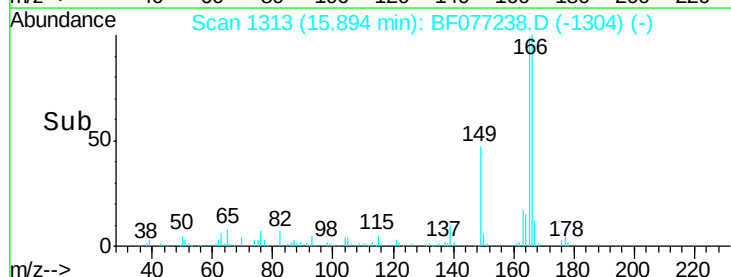
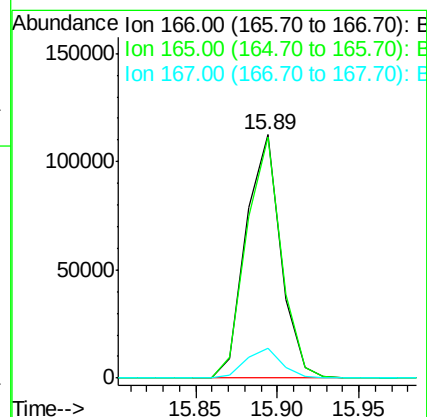
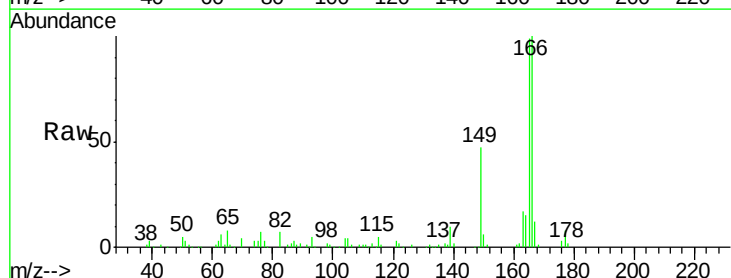
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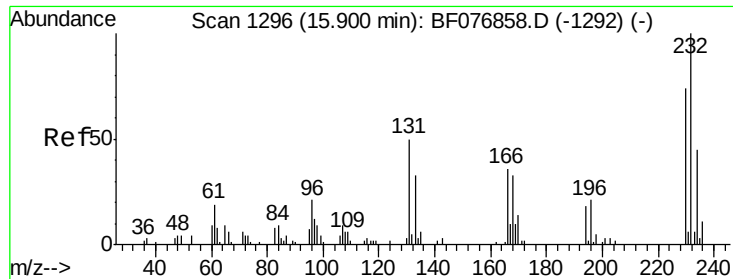
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#57
Fluorene
Concen: 25.02 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion:	166	Resp:	166460
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.5	117.7
167	12.2	10.4	15.6





#58

2,3,4,6-Tetrachlorophenol

Concen: 20.43 ng

RT: 15.49 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

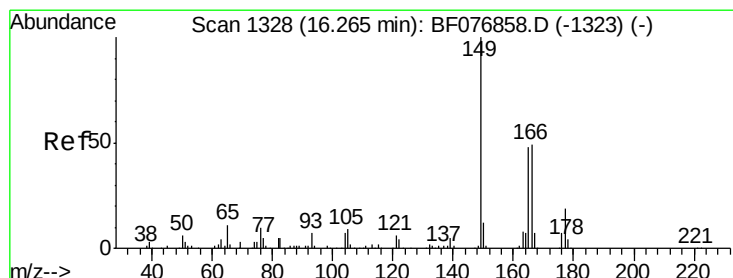
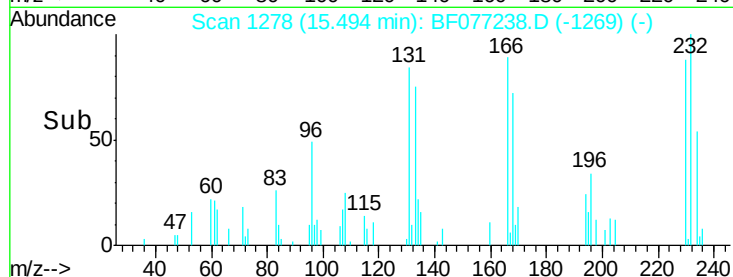
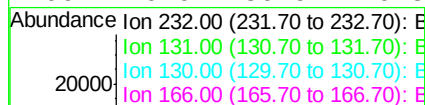
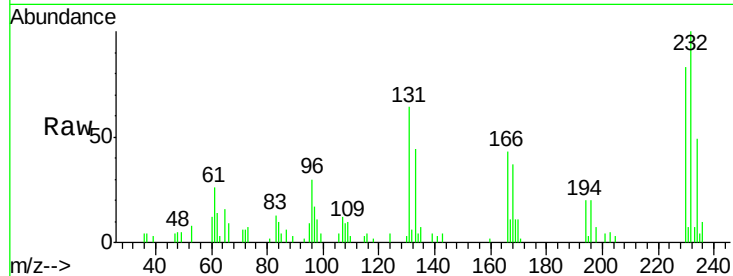
ClientSampleId :

PB81682BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	61.2	45.0	67.6
130	2.4	2.6	3.8#
166	46.0	30.9	46.3

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#59

Diethylphthalate

Concen: 28.11 ng

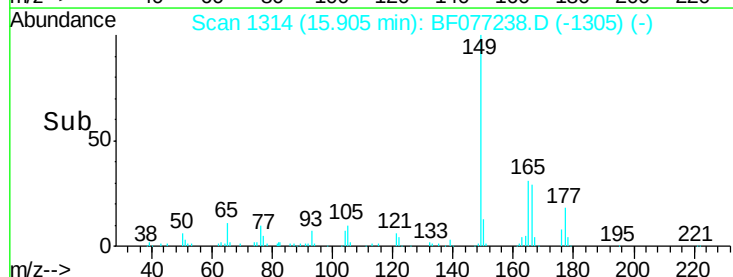
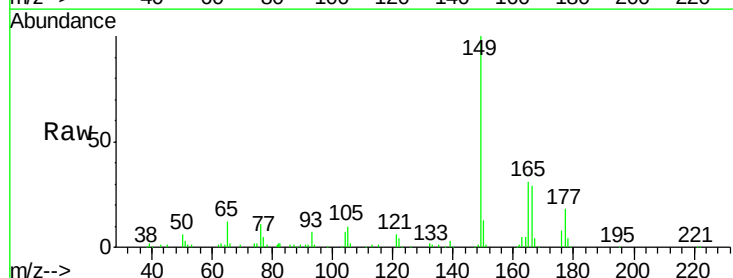
RT: 15.91 min Scan# 1314

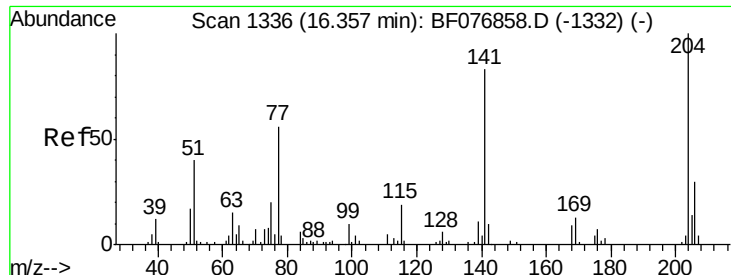
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.4	15.0	22.6
150	12.5	9.4	14.0





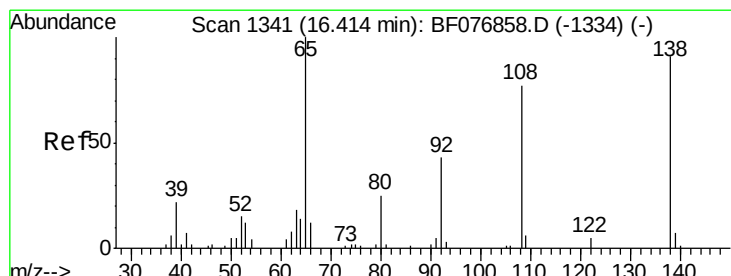
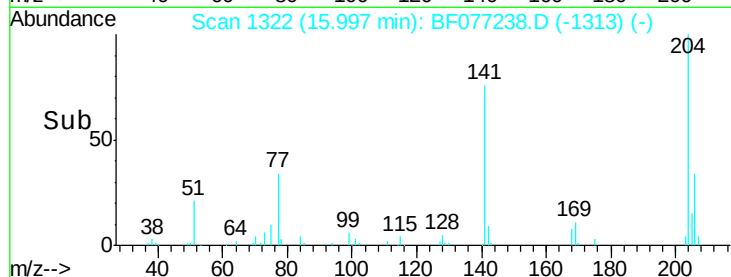
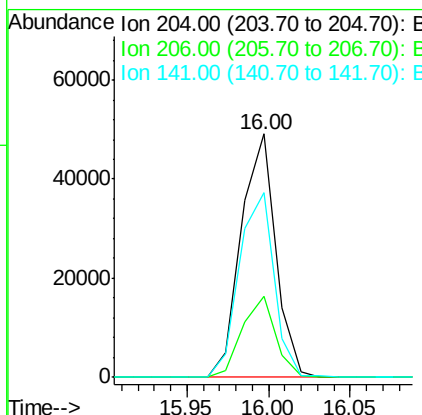
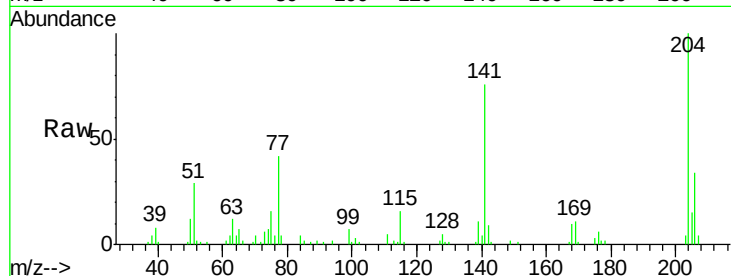
#60
4-Chlorophenyl-phenylether
Concen: 26.52 ng
RT: 16.00 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	24.2	36.2
141	75.8	66.7	100.1

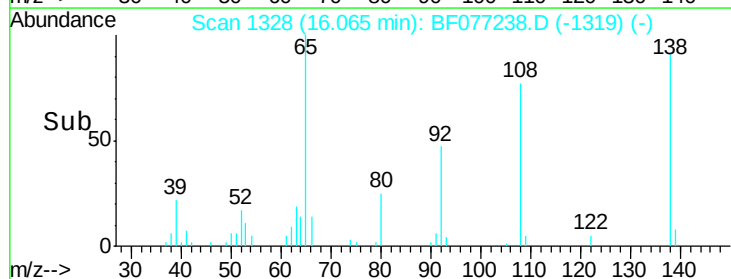
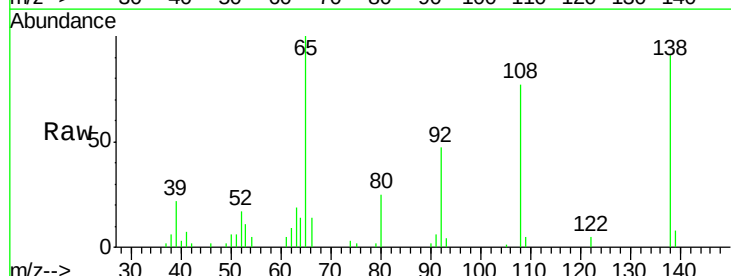
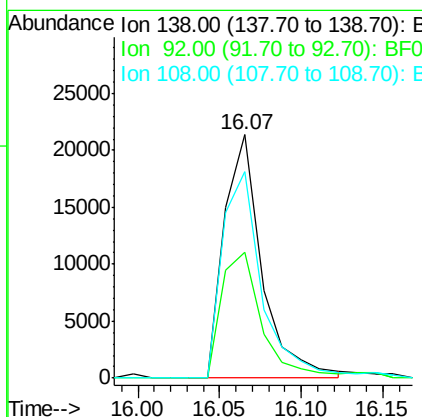
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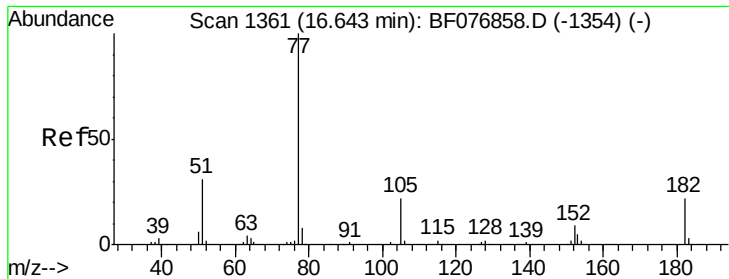
apatel
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#61
4-Nitroaniline
Concen: 21.54 ng
RT: 16.07 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.4	26.7	66.7
108	84.8	64.5	104.5





#62

Azobenzene

Concen: 24.91 ng/mL

RT: 16.29 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

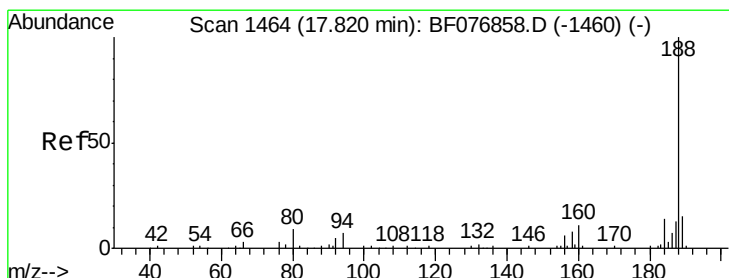
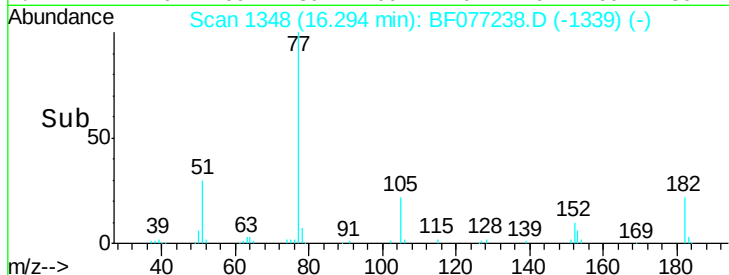
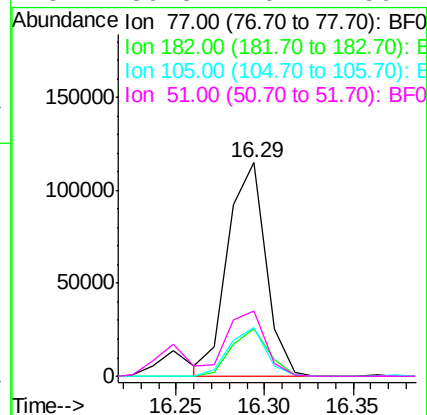
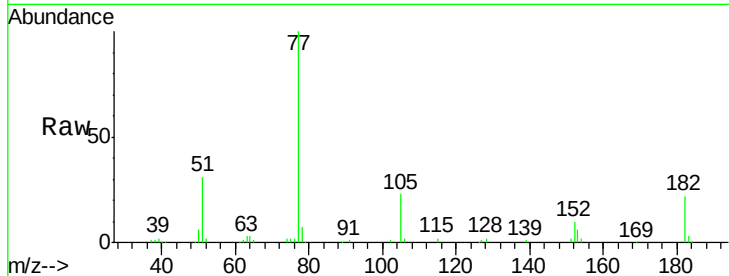
ClientSampleID :

PB81682BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.4	2.0	42.0		
105	22.5	2.3	42.3		
51	30.8	10.7	50.7		

Manual Integrations
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apatel
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#63

Phenanthrene-d10

Concen: 20.00 ng/mL

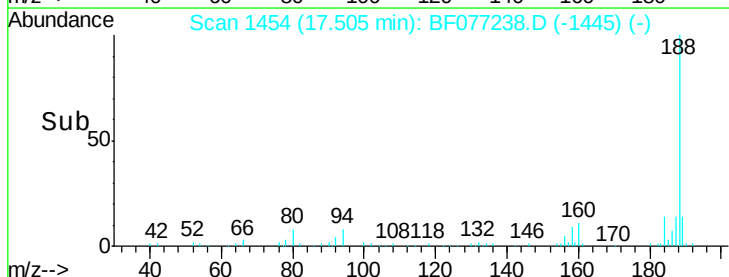
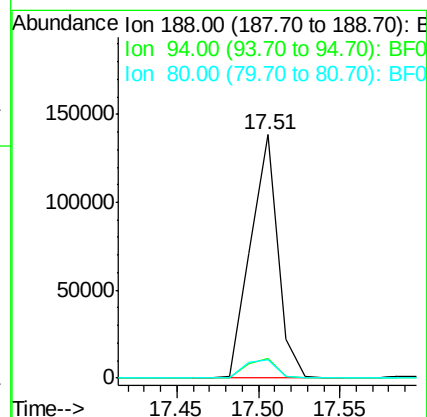
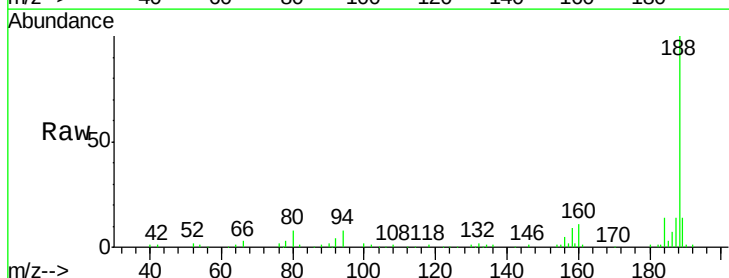
RT: 17.51 min Scan# 1454

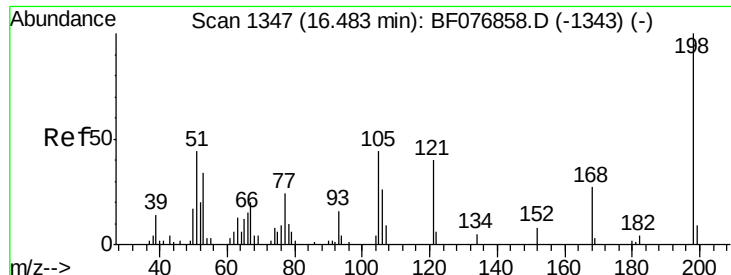
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.8	6.0	9.0		
80	7.7	6.9	10.3		





#64

4,6-Dinitro-2-methylphenol

Concen: 21.82 ng

RT: 16.13 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

ClientSampleId :

PB81682BS

Tot Ion:198 Resp: 20472

Ion Ratio Lower Upper

198 100

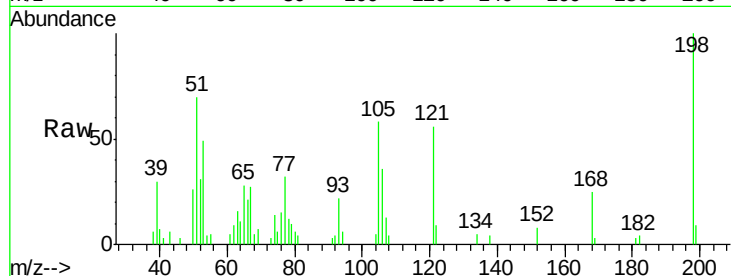
51 69.9 24.2 64.2#

105 57.6 24.0 64.0

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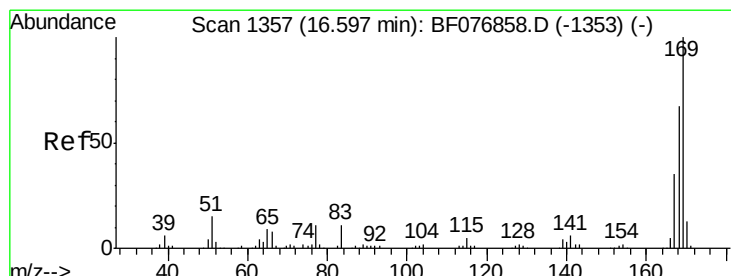
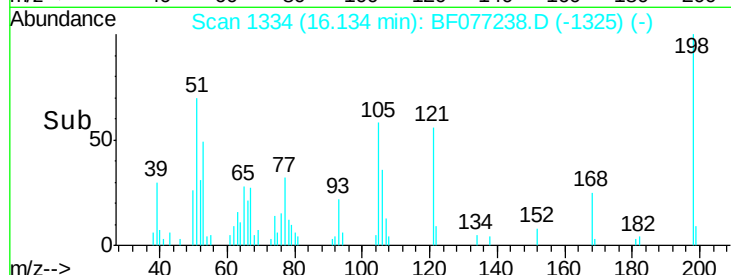
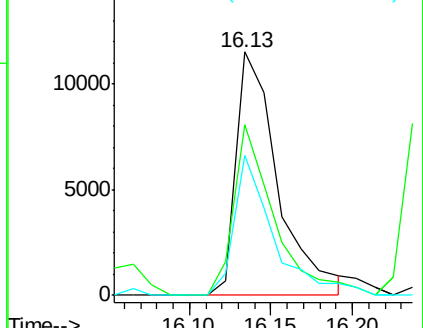
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 25.08 ng

RT: 16.25 min Scan# 1344

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:169 Resp: 143274

Ion Ratio Lower Upper

169 100

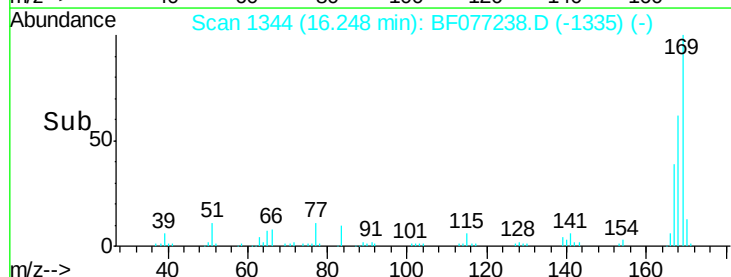
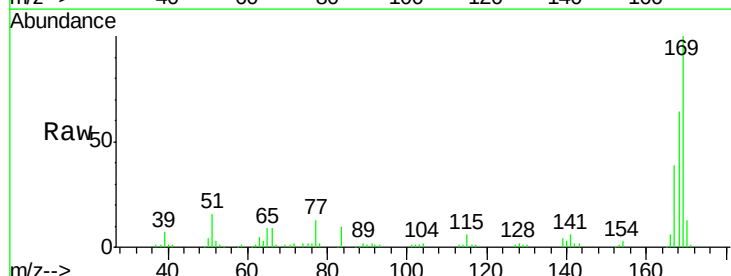
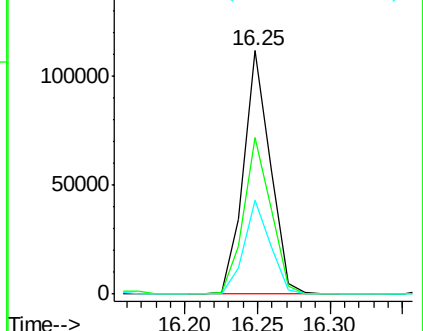
168 64.5 53.8 80.6

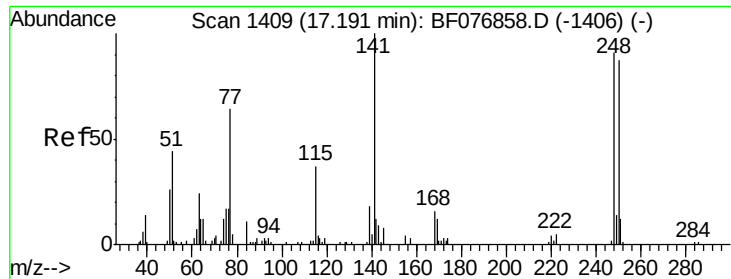
167 38.6 27.8 41.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





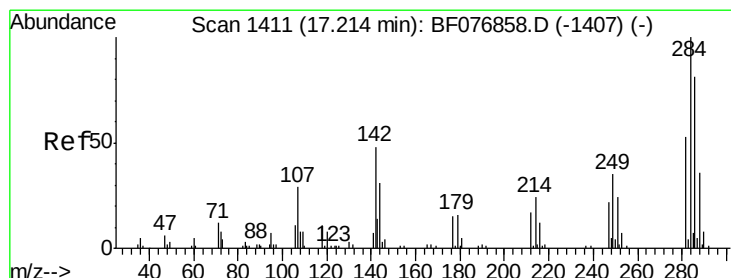
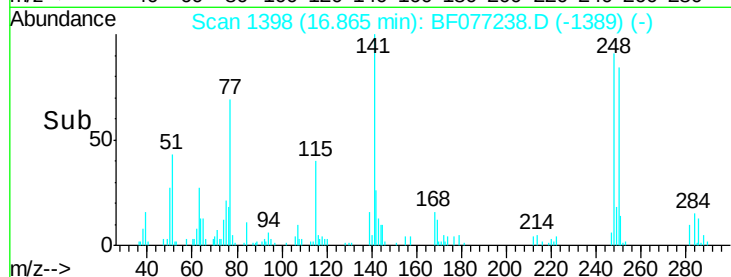
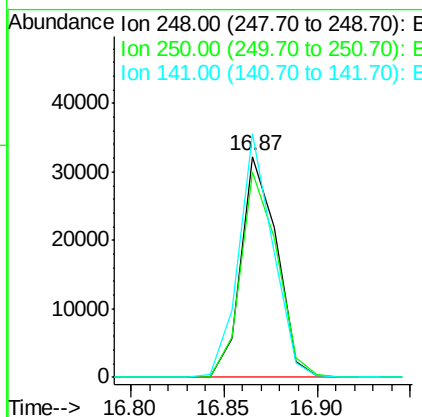
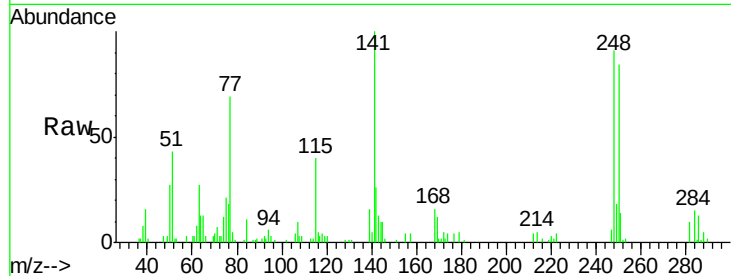
#66
4-Bromophenyl-phenylether
Concen: 26.41 ng
RT: 16.87 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.9	77.1	115.7
141	110.3	88.2	132.4

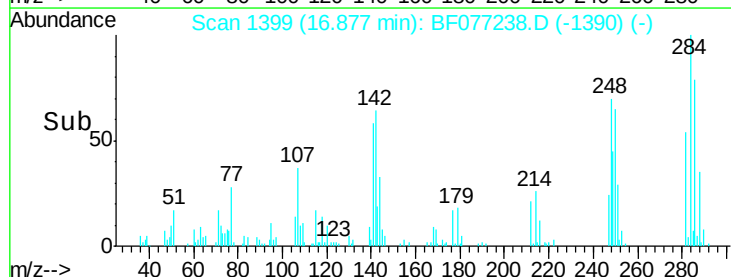
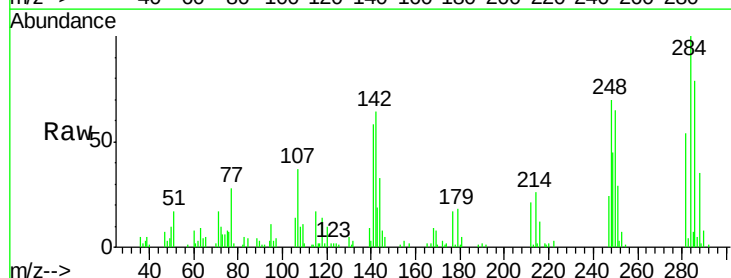
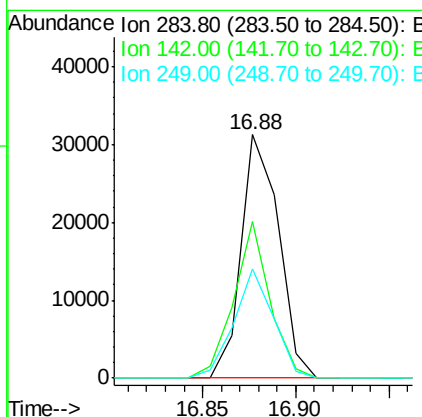
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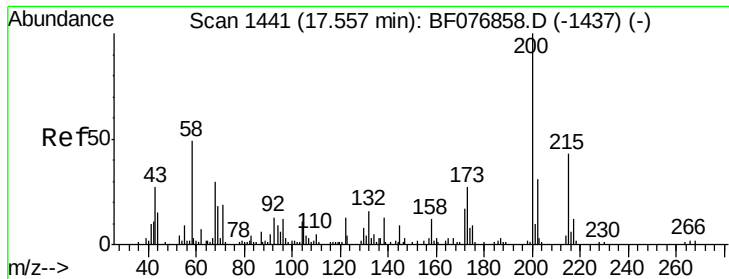
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#67
Hexachlorobenzene
Concen: 25.43 ng
RT: 16.88 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	64.2	38.2	57.4#
249	44.7	28.2	42.2#





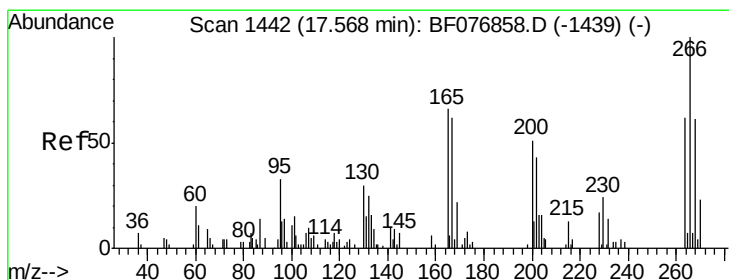
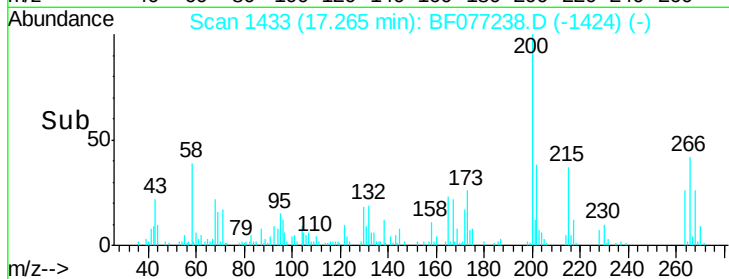
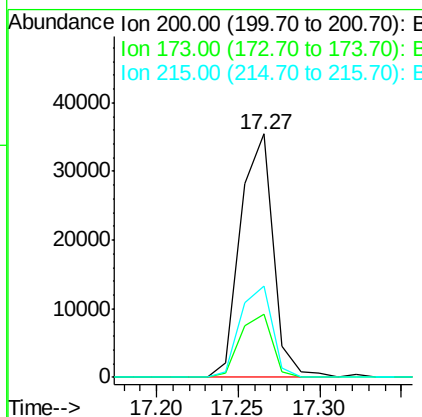
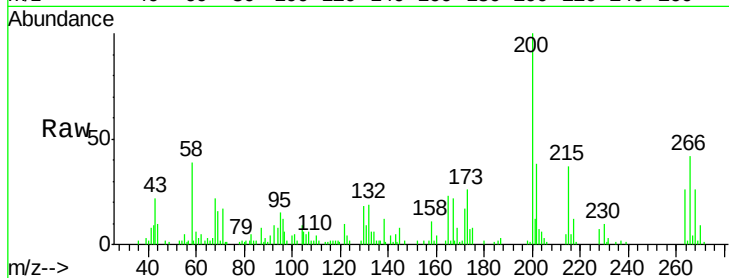
#68
Atrazine
Concen: 28.33 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	49108		
173	25.8	6.6	46.6	
215	37.3	22.9	62.9	

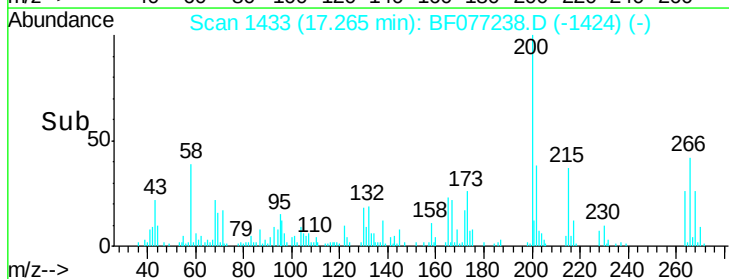
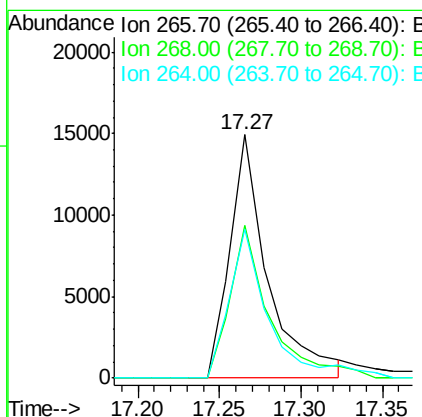
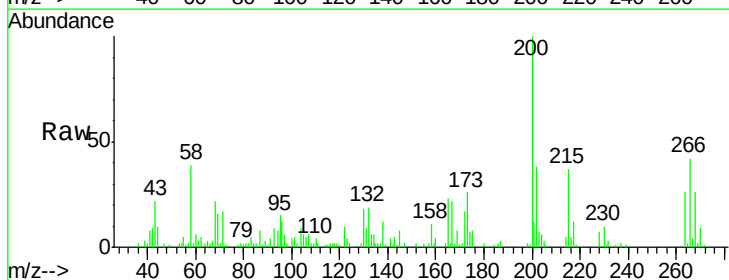
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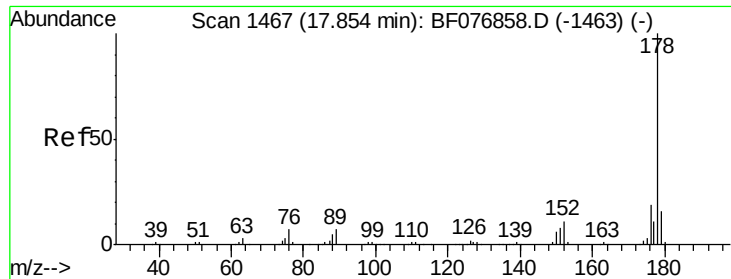
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#69
Pentachlorophenol
Concen: 35.04 ng
RT: 17.27 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	24160		
268	62.8	48.6	72.8	
264	61.3	49.5	74.3	





#70

Phenanthrene

Concen: 24.12 ng

RT: 17.54 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

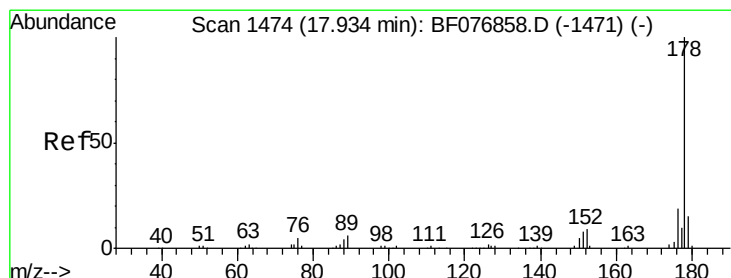
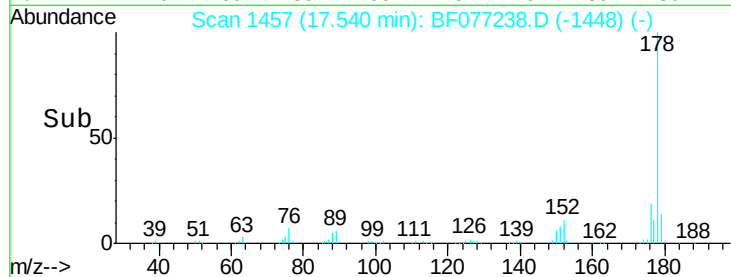
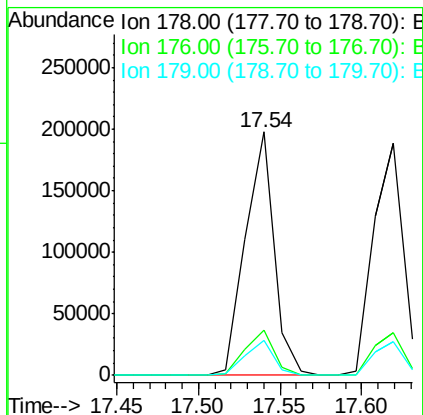
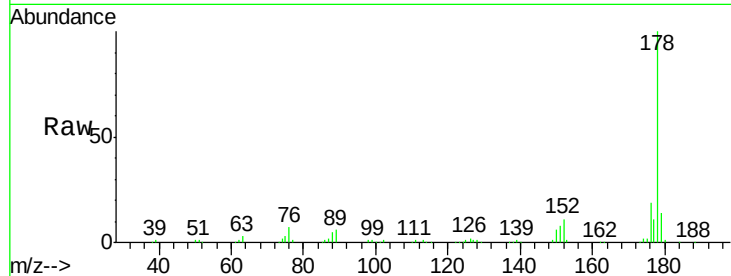
ClientSampled :

PB81682BS

Tot Ion:	178	Resp:	241027
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.1	22.7
179	14.4	12.7	19.1

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#71

Anthracene

Concen: 25.26 ng

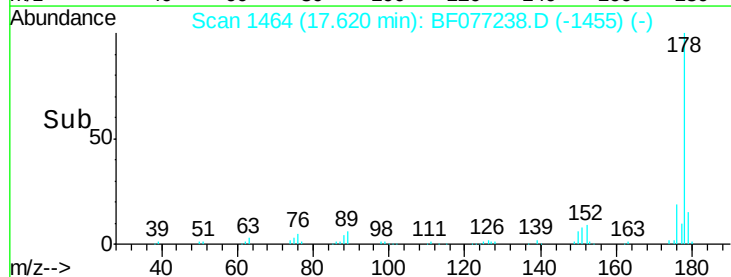
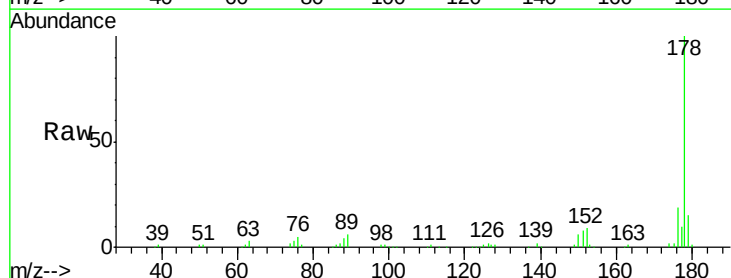
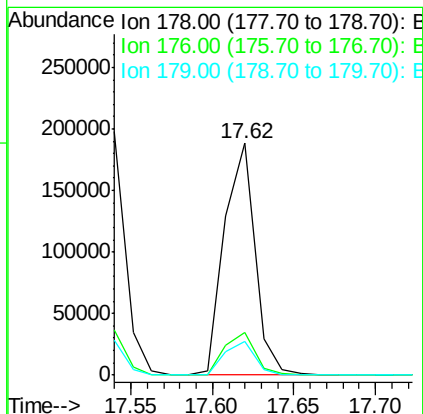
RT: 17.62 min Scan# 1464

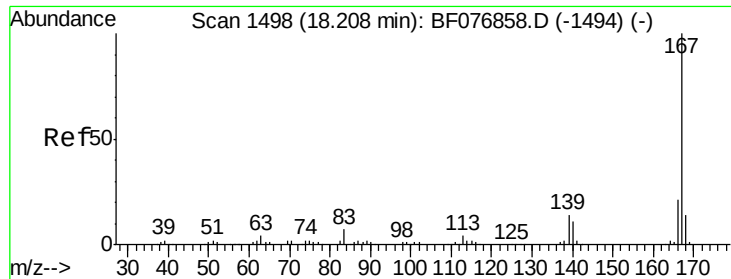
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	178	Resp:	246117
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.4	23.0
179	14.8	11.9	17.9





#72

Carbazole

Concen: 24.28 ng

RT: 17.92 min Scan# 1490

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

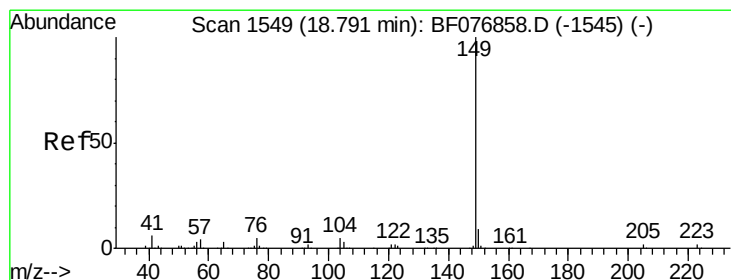
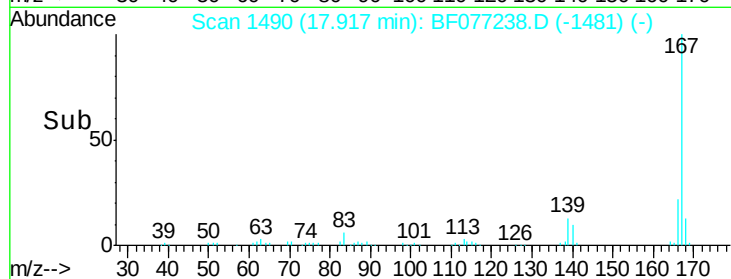
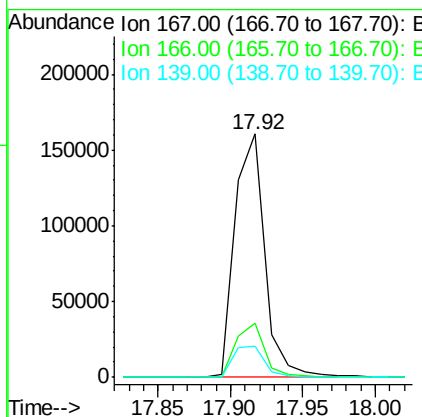
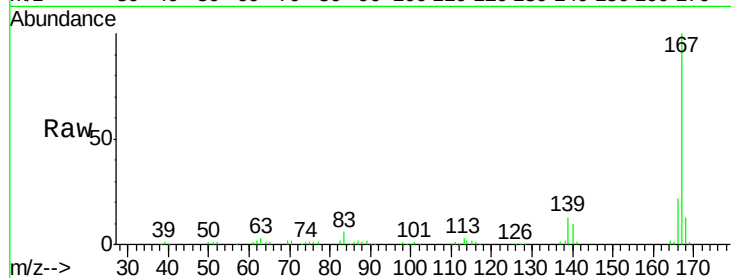
ClientSampleId :

PB81682BS

Tot Ion:	167	Resp:	229448
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.0	25.6
139	12.8	11.3	16.9

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#73

Di-n-butylphthalate

Concen: 27.75 ng

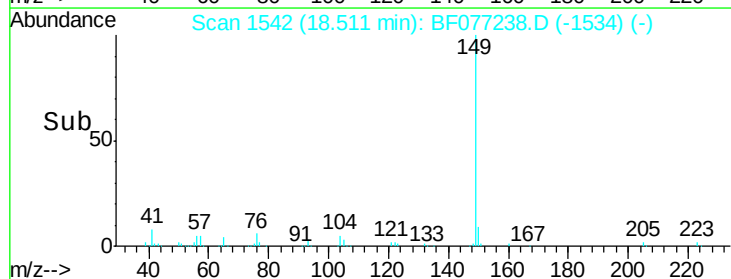
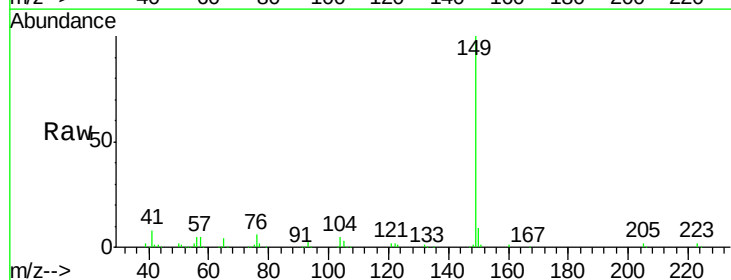
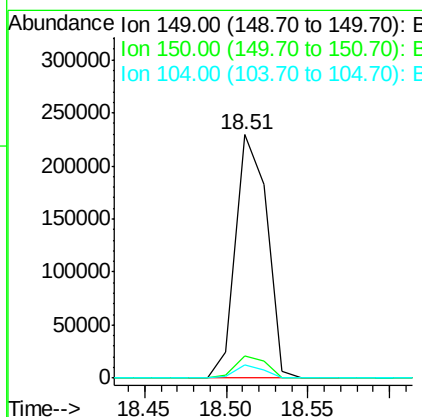
RT: 18.51 min Scan# 1542

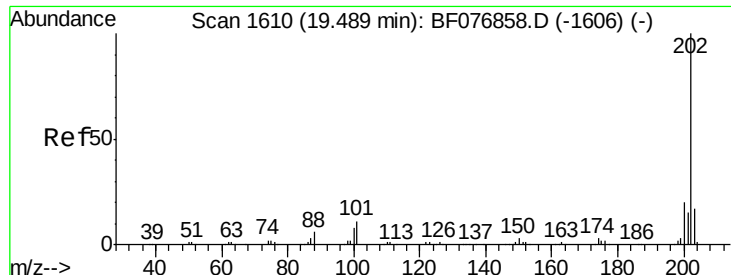
Delta R.T. -0.01 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	149	Resp:	303581
Ion Ratio	Lower	Upper	
149	100		
150	9.2	6.9	10.3
104	5.4	3.7	5.5





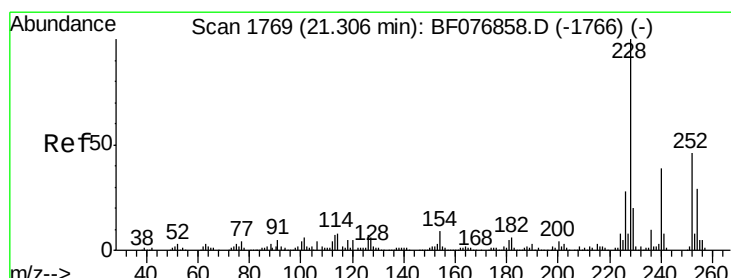
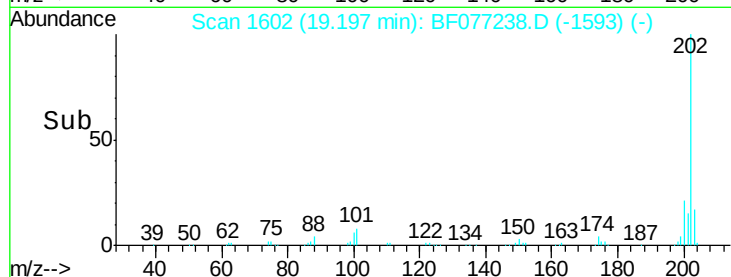
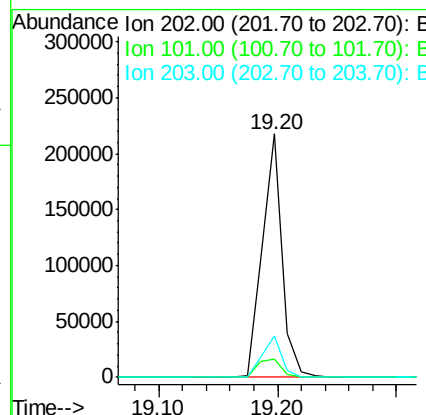
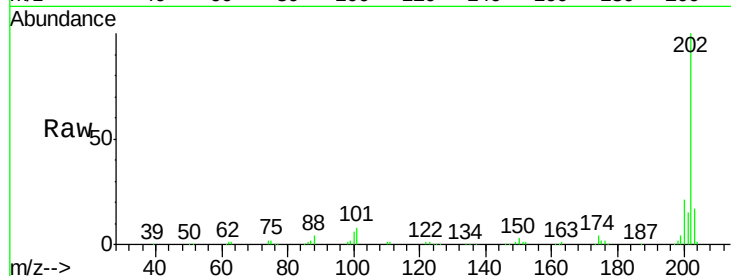
#74
Fluoranthene
Concen: 24.71 ng
RT: 19.20 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	0.0	30.7
203	17.0	0.0	36.9

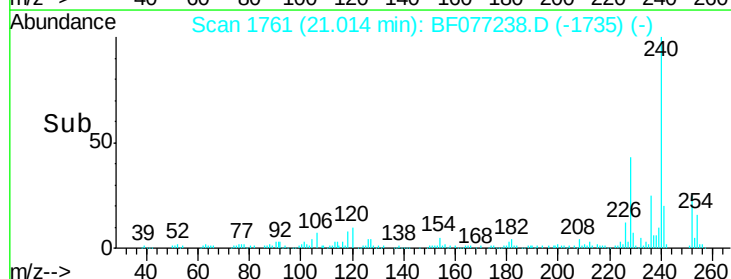
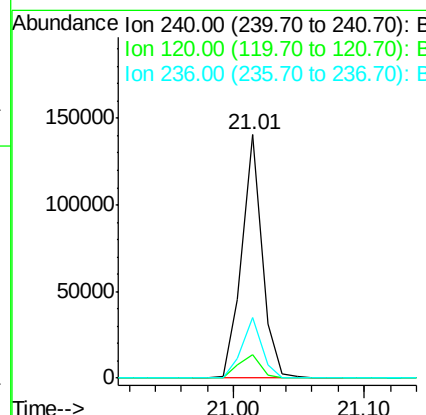
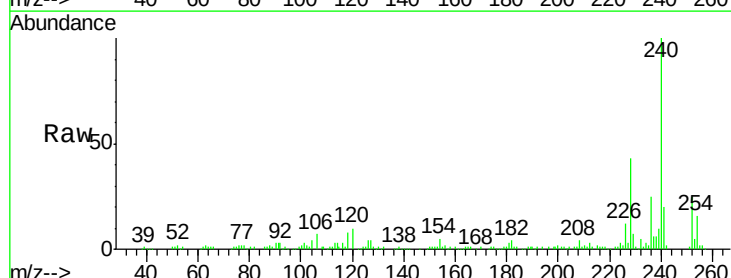
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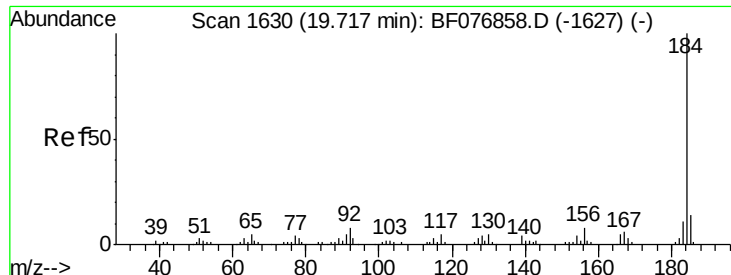
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.01 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	10.4	15.6#
236	24.9	20.2	30.2





#76

Benzidine

Concen: 19.39 ng

RT: 19.45 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

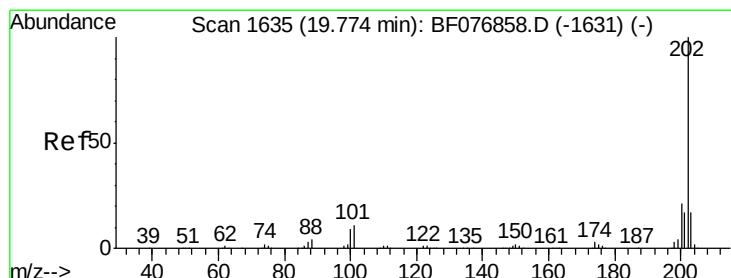
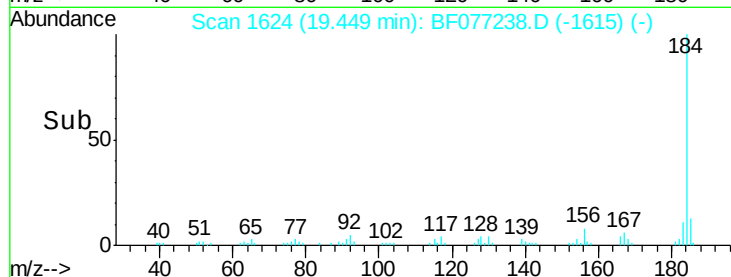
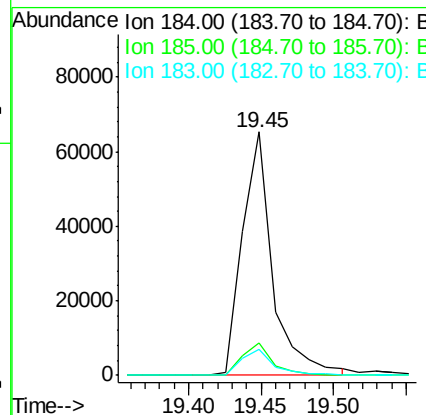
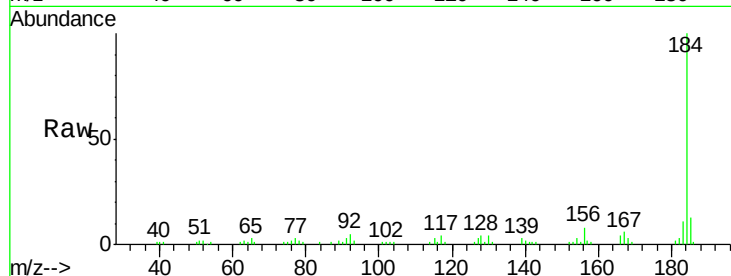
ClientSampleId :

PB81682BS

Tot Ion:	184	Resp:	94566
Ion Ratio	Lower	Upper	
184	100		
185	13.2	11.4	17.2
183	10.9	9.0	13.6

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#77

Pyrene

Concen: 25.05 ng

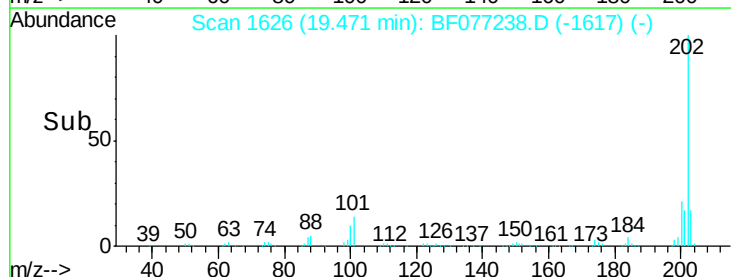
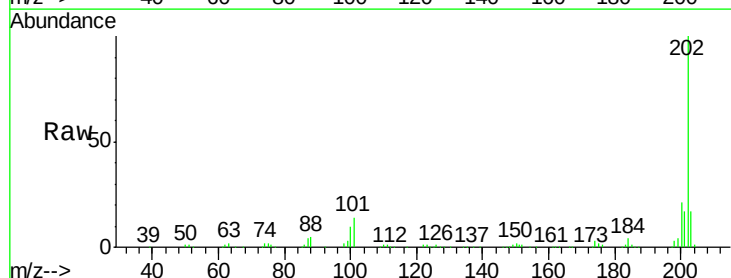
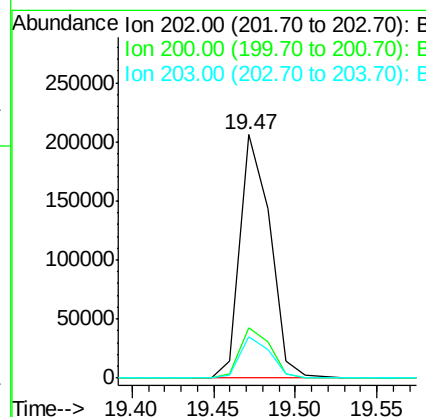
RT: 19.47 min Scan# 1626

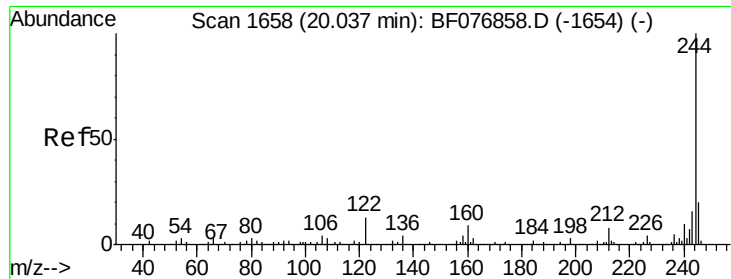
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	202	Resp:	261715
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.7	25.1
203	17.2	14.0	21.0





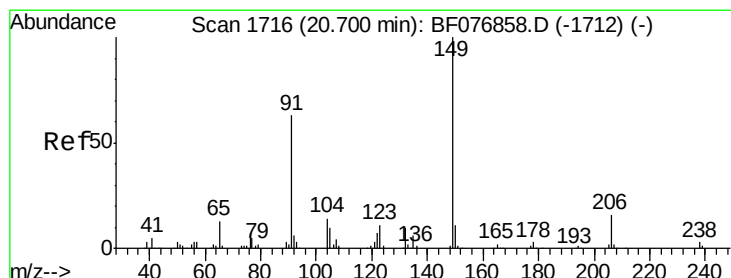
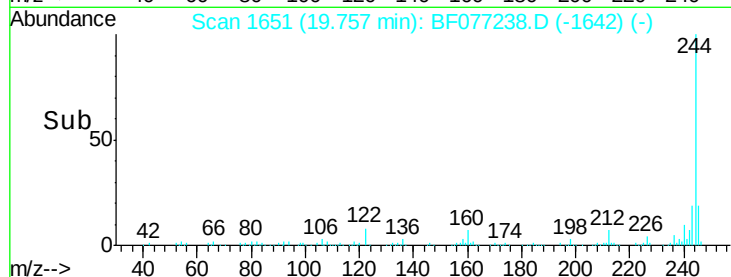
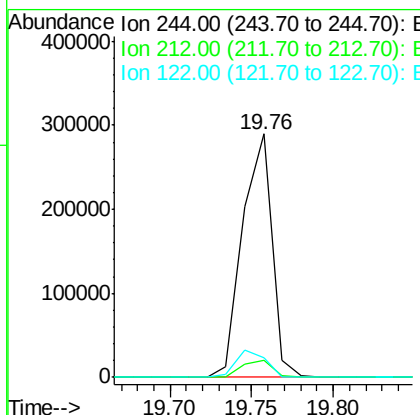
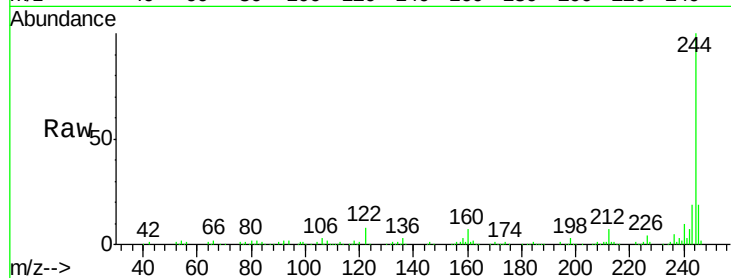
#78
 Terphenyl-d14
 Concen: 54.73 ng
 RT: 19.76 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB81682BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.3	9.5
122	8.2	10.1	15.1

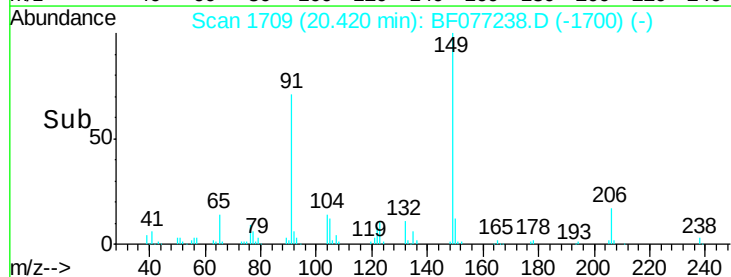
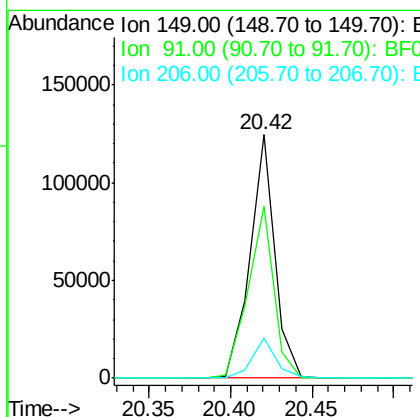
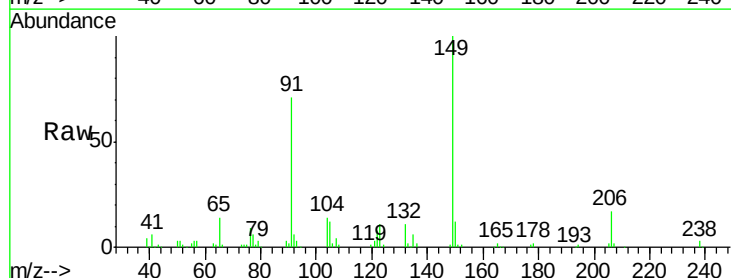
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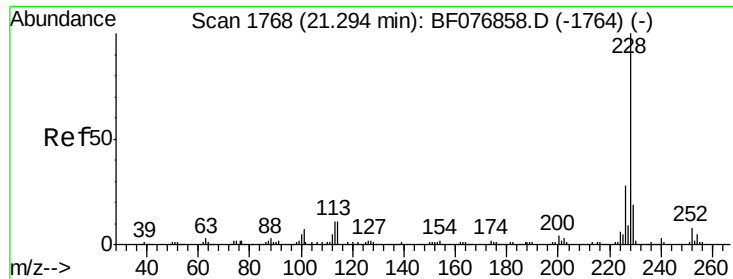
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#79
 Butylbenzylphthalate
 Concen: 27.70 ng
 RT: 20.42 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BF077238.D
 Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	70.8	50.6	76.0
206	16.5	12.8	19.2





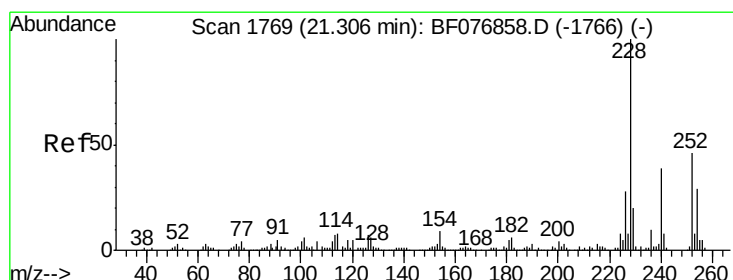
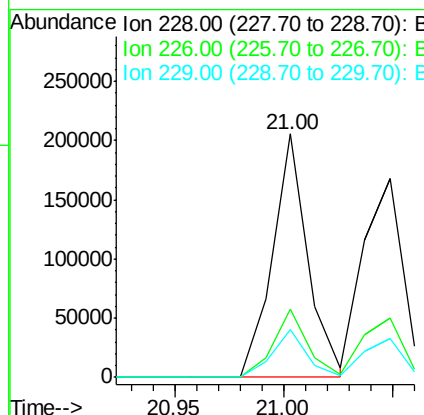
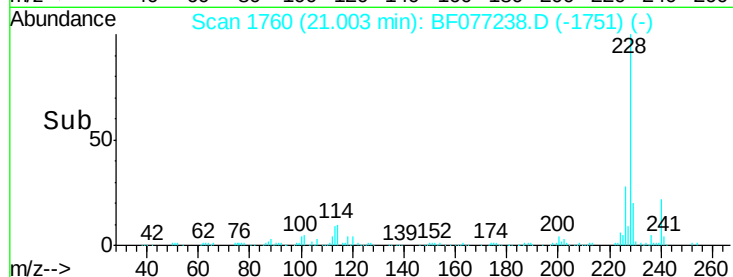
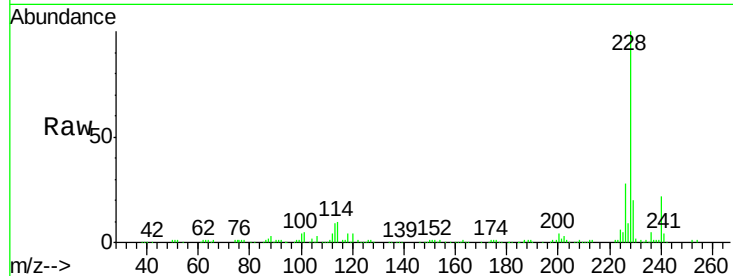
#80
Benzo(a)anthracene
Concen: 24.42 ng
RT: 21.00 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.1	33.1
229	19.8	15.5	23.3

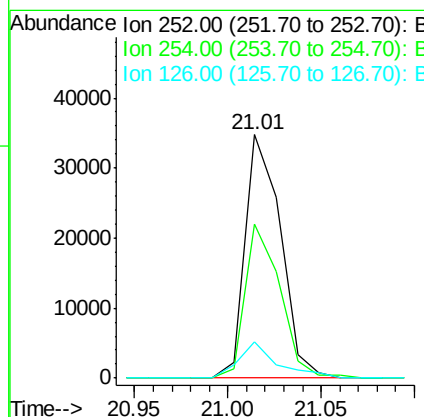
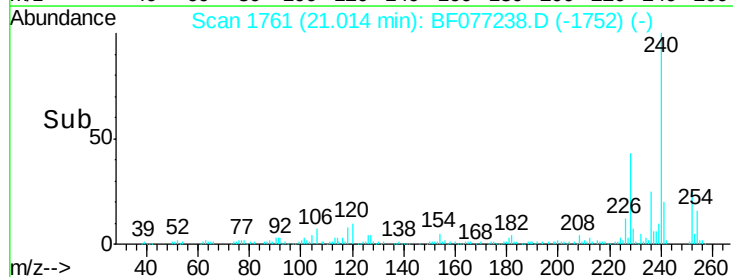
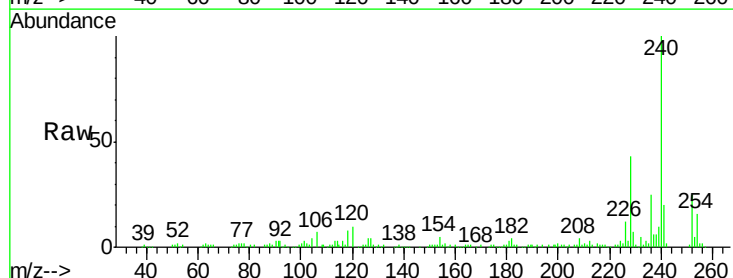
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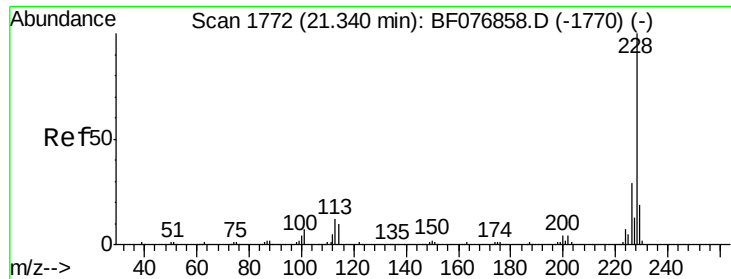
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#81
3,3'-Dichlorobenzidine
Concen: 15.15 ng
RT: 21.01 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.2	75.4
126	14.8	11.5	17.3





#82

Chrysene

Concen: 24.55 ng

RT: 21.05 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Instrument :

BNA_F

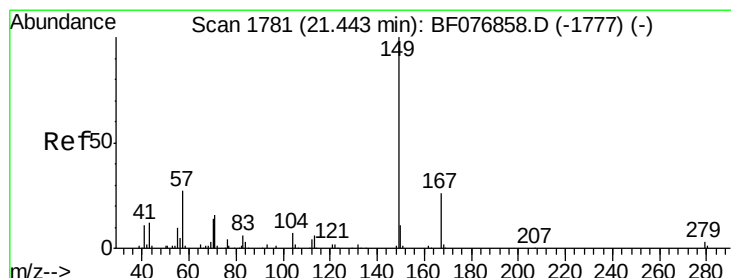
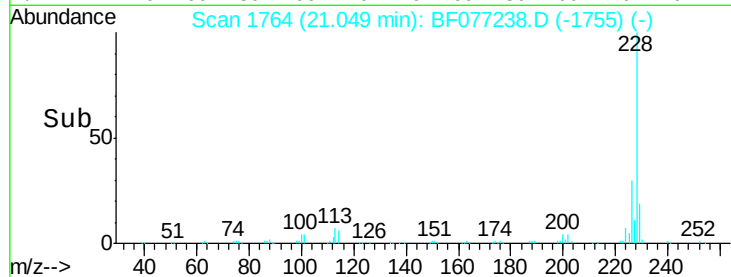
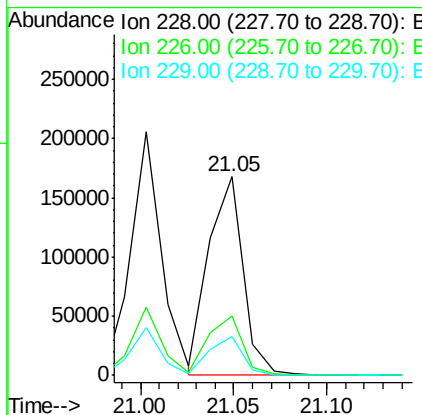
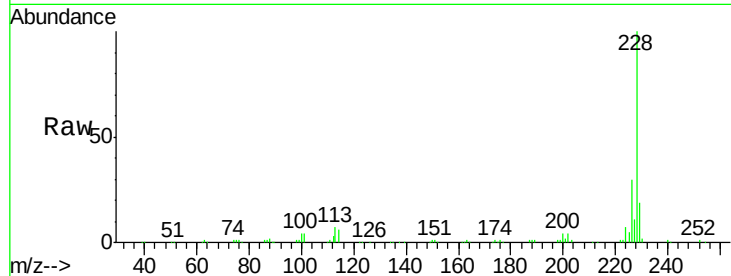
ClientSampleId :

PB81682BS

Tot Ion:	228	Resp:	214153
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	19.5	15.4	23.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 29.05 ng

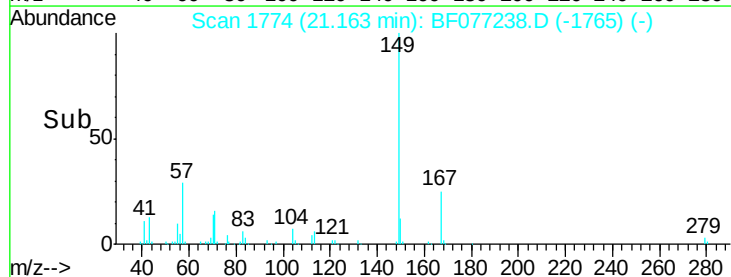
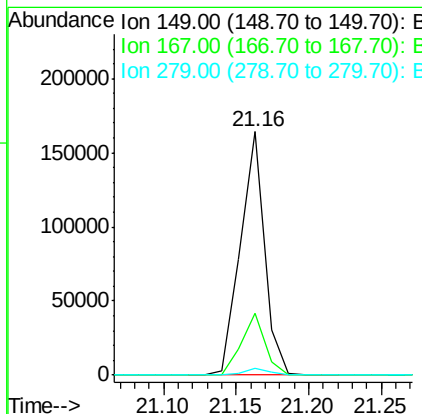
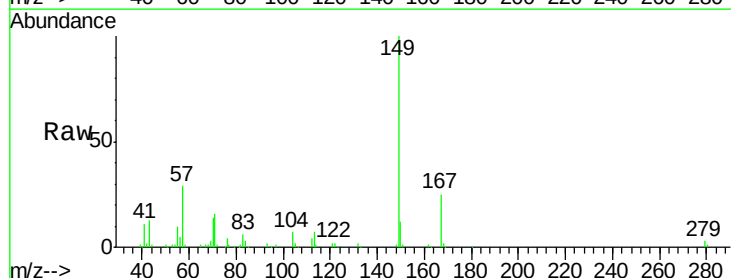
RT: 21.16 min Scan# 1774

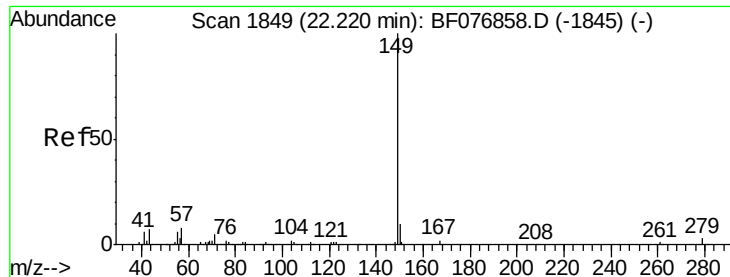
Delta R.T. -0.00 min

Lab File: BF077238.D

Acq: 10 Feb 2015 16:57

Tgt Ion:	149	Resp:	190157
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.6	30.8
279	2.7	2.2	3.2





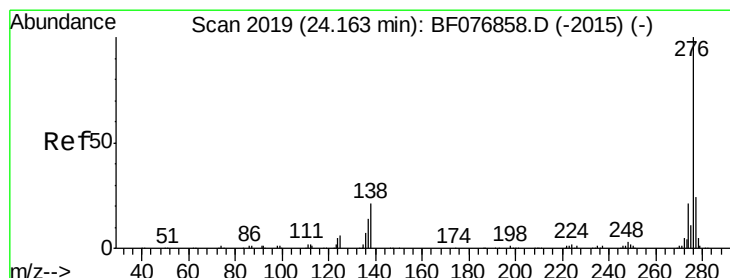
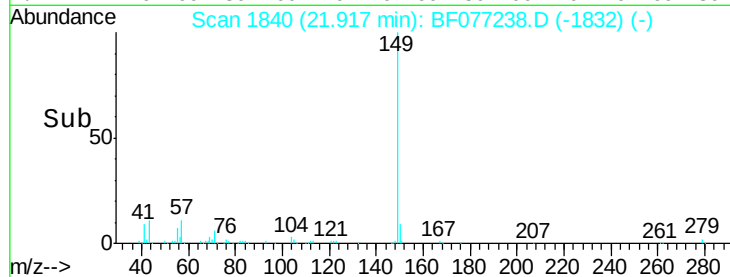
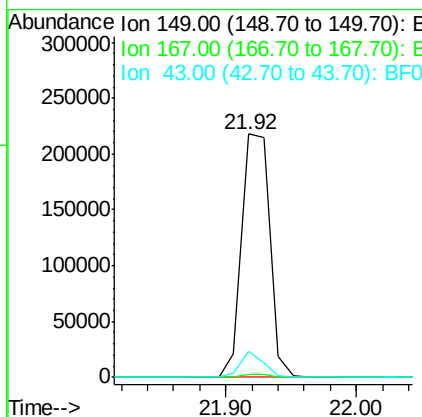
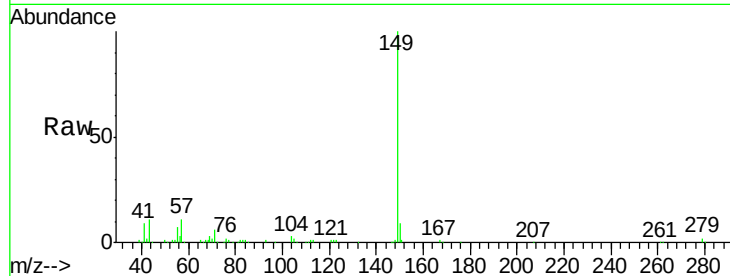
#84
Di-n-octyl phthalate
Concen: 28.76 ng
RT: 21.92 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.2	1.1	1.7
43	8.7	6.6	10.0

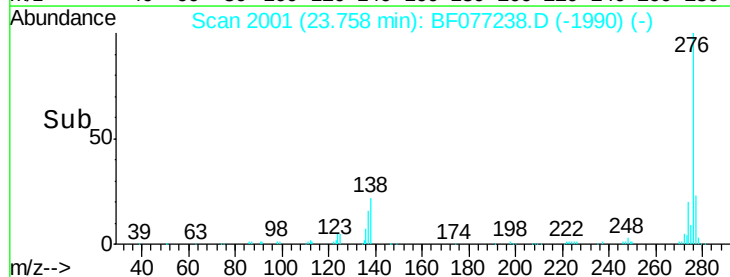
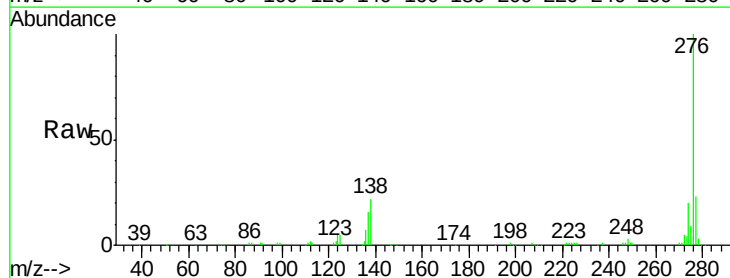
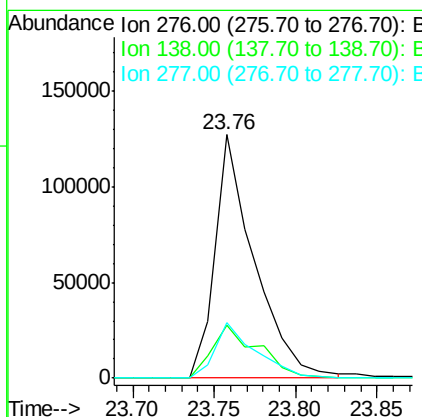
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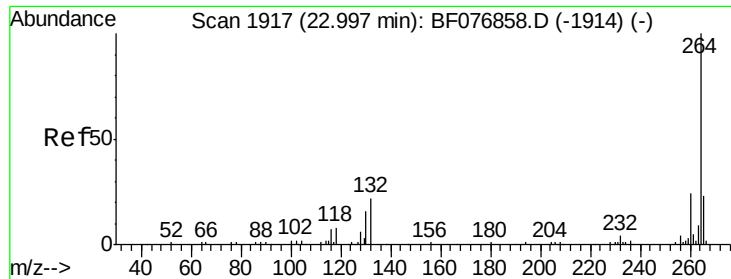
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#85
Indeno(1,2,3-cd)pyrene
Concen: 23.20 ng m
RT: 23.76 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.1	14.6	22.0#
277	23.0	14.8	22.2#





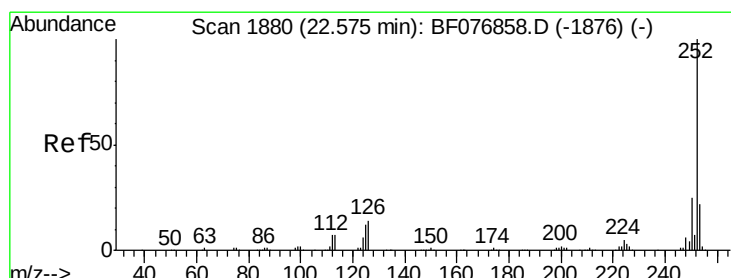
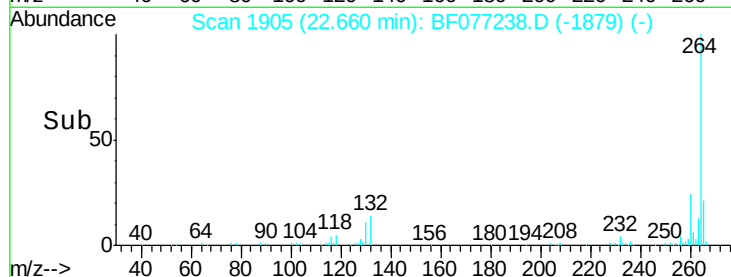
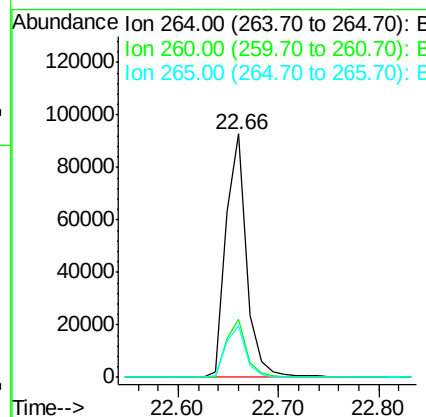
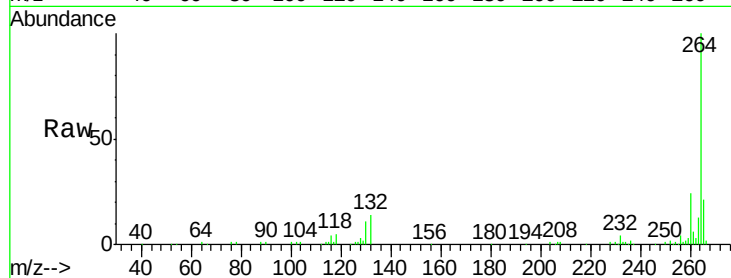
#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.66 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.3	18.1	27.1

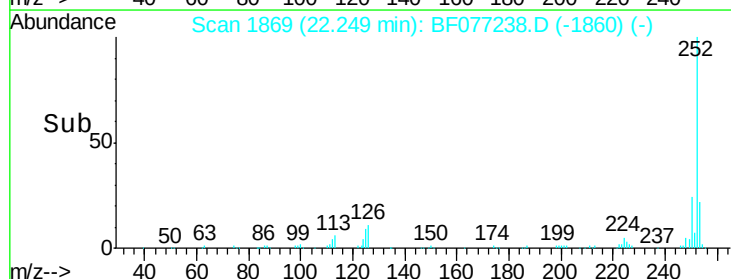
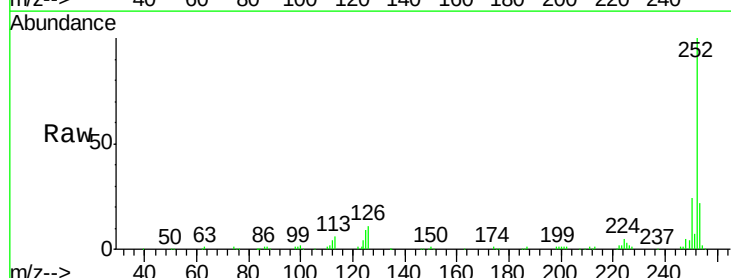
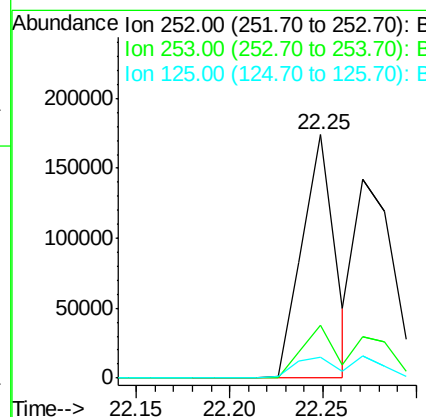
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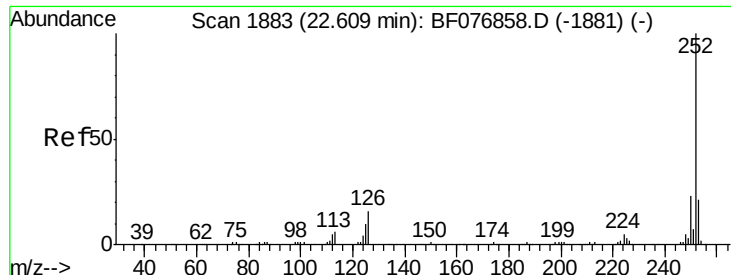
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#87
Benzo(b)fluoranthene
Concen: 23.69 ng
RT: 22.25 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	8.7	9.4	14.0





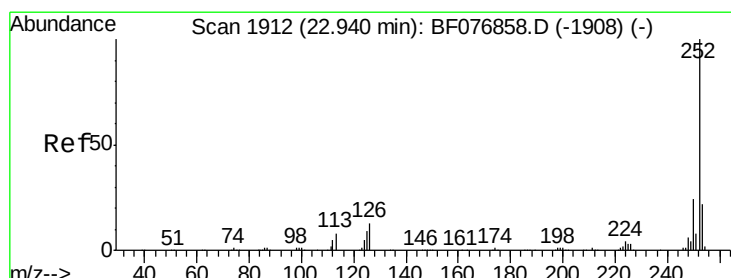
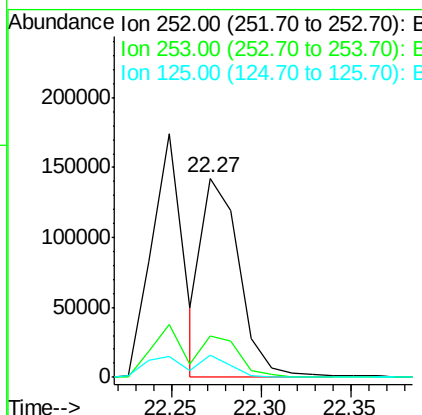
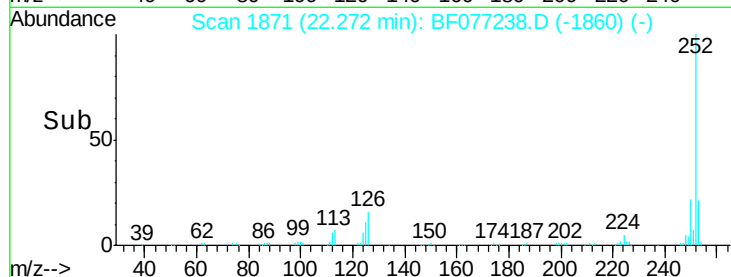
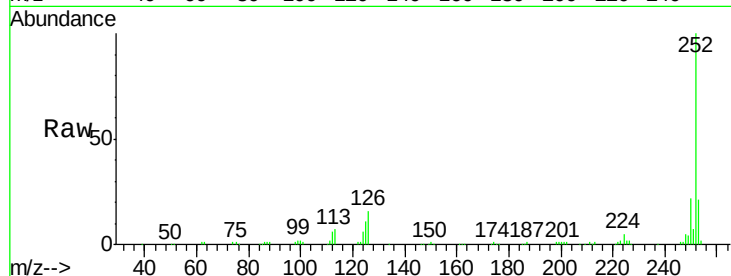
#88
Benzo(k)fluoranthene
Concen: 26.66 ng m
RT: 22.27 min Scan# 1871
Delta R.T. 0.02 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	11.1	7.1	10.7

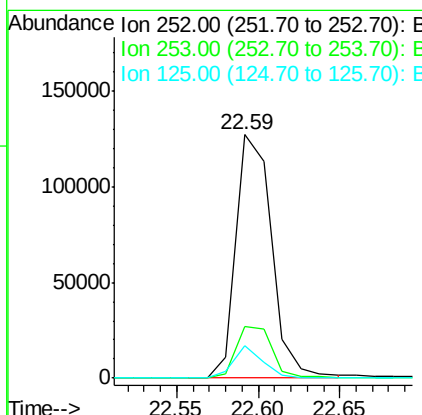
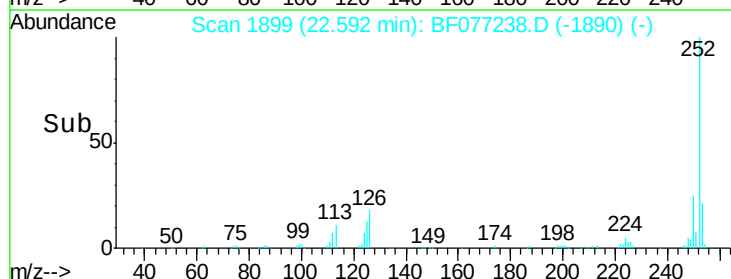
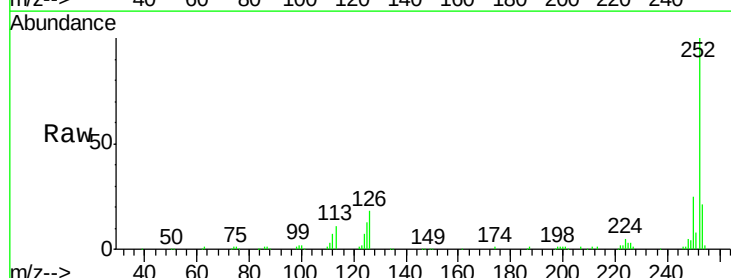
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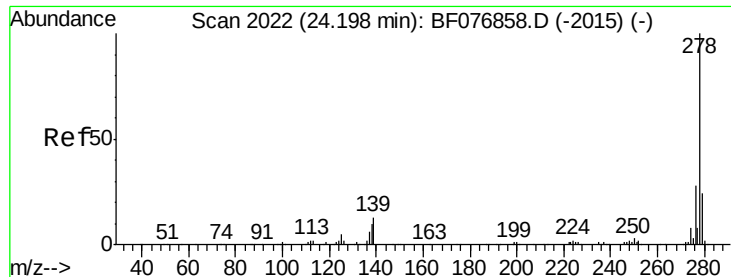
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#89
Benzo(a)pyrene
Concen: 24.50 ng
RT: 22.59 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	13.4	7.2	10.8





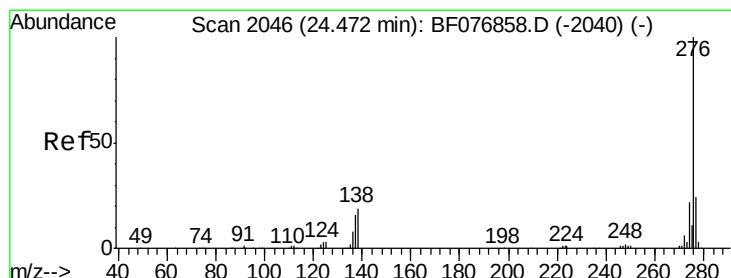
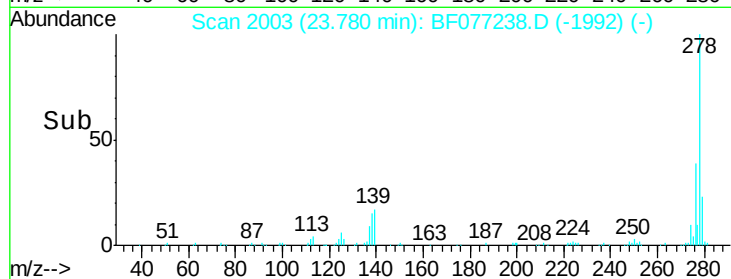
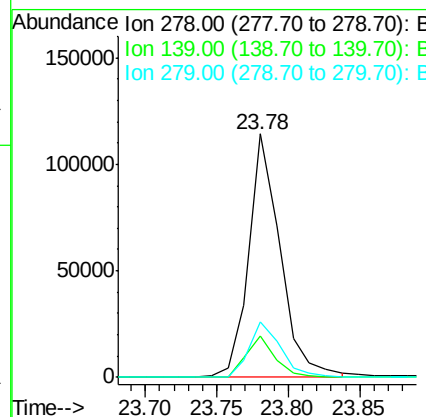
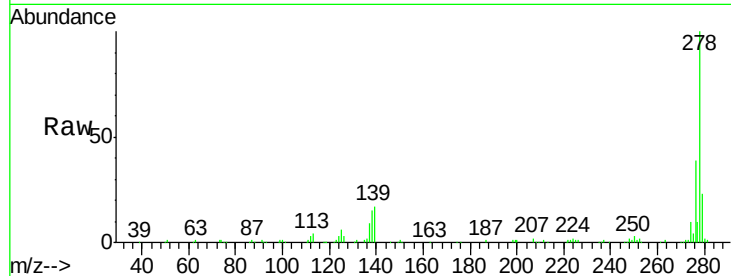
#90
Dibenzo(a,h)anthracene
Concen: 24.19 ng m
RT: 23.78 min Scan# 2003
Delta R.T. 0.02 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Instrument :
BNA_F
ClientSampleId :
PB81682BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	10.5	15.7#
279	22.7	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 24.14 ng m
RT: 24.02 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF077238.D
Acq: 10 Feb 2015 16:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	21.9	15.0	22.6

