

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077421.D
 Acq On : 24 Feb 2015 17:53
 Operator : IZ / TP
 Sample : PB81861BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Manual Integrations
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 2/25/2015 3:33:31 PM

Quant Time: Feb 25 01:20:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	73803	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	293489	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	148269	20.00	ng	-0.01
63) Phenanthrene-d10	12.90	188	298218	20.00	ng	0.00
75) Chrysene-d12	16.19	240	320815	20.00	ng	-0.03
86) Perylene-d12	17.95	264	316660	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	286162	64.73	ng	0.00
7) Phenol-d6	6.85	99	370926	65.26	ng	-0.01
23) Nitrobenzene-d5	8.00	82	265319	56.22	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	96402	67.53	ng	-0.01
44) 2-Fluorobiphenyl	10.22	172	614062	64.58	ng	0.00
78) Terphenyl-d14	14.89	244	730624	53.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	52941	28.22	ng	95
3) Pyridine	3.00	79	138067	25.73	ng	97
4) n-Nitrosodimethylamine	2.92	42	66725	28.60	ng	98
6) Aniline	6.89	93	124764	15.88	ng	99
8) 2-Chlorophenol	7.02	128	169300	32.46	ng	100
10) Phenol	6.86	94	206724	30.65	ng	95
11) bis(2-Chloroethyl)ether	6.99	93	153576	31.69	ng	99
12) 1,3-Dichlorobenzene	7.22	146	177560	31.27	ng	99
13) 1,4-Dichlorobenzene	7.32	146	183139	31.70	ng	99
14) 1,2-Dichlorobenzene	7.50	146	177856	32.36	ng	99
15) Benzyl Alcohol	7.48	79	139311	32.24	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.66	45	210153	30.34	ng	99
17) 2-Methylphenol	7.62	107	133049	32.64	ng	97
18) Hexachloroethane	7.93	117	61059	31.64	ng	99
19) n-Nitroso-di-n-propylamine	7.81	70	113726	31.51	ng	99
20) 3+4-Methylphenols	7.81	107	173939	32.40	ng	92
22) Acetophenone	7.80	105	219392	31.78	ng	# 95
24) Nitrobenzene	8.02	77	168952	34.03	ng	99
25) Isophorone	8.32	82	304946	32.57	ng	99
26) 2-Nitrophenol	8.41	139	76902	37.79	ng	99
27) 2,4-Dimethylphenol	8.46	122	146534	32.18	ng	96
28) bis(2-Chloroethoxy)methane	8.59	93	186064	31.46	ng	98
29) 2,4-Dichlorophenol	8.70	162	146353	34.24	ng	95
30) 1,2,4-Trichlorobenzene	8.81	180	149175	31.75	ng	99
31) Naphthalene	8.91	128	484022	32.98	ng	98
32) Benzoic acid	8.56	122	80828	36.53	ng	98
33) 4-Chloroaniline	8.98	127	118009	18.08	ng	97
34) Hexachlorobutadiene	9.06	225	84775	31.60	ng	99
35) Caprolactam	9.39	113	43476	33.32	ng	94
36) 4-Chloro-3-methylphenol	9.57	107	139183	32.39	ng	92
37) 2-Methylnaphthalene	9.77	142	342817	32.89	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.97	216	152554	35.86	ng	99
40) Hexachlorocyclopentadiene	9.96	237	155217	68.04	ng	99
42) 2,4,6-Trichlorophenol	10.11	196	104720	37.17	ng	99

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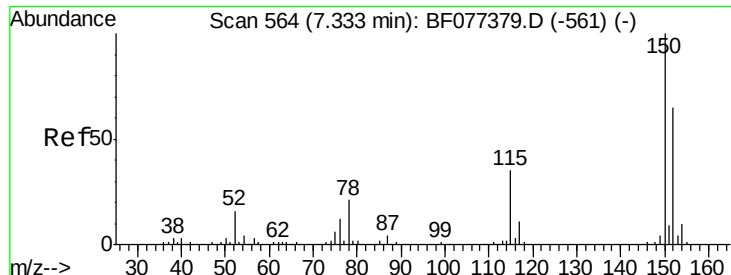
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.16	196	113278	37.60	ng	# 94
45) 1,1'-Biphenyl	10.35	154	397967	35.43	ng	99
46) 2-Chloronaphthalene	10.36	162	317990	36.09	ng	100
47) 2-Nitroaniline	10.49	65	83965	38.72	ng	96
48) Acenaphthylene	10.88	152	515748	36.98	ng	100
49) Dimethylphthalate	10.73	163	357928	34.34	ng	99
50) 2,6-Dinitrotoluene	10.81	165	79470	38.02	ng	96
51) Acenaphthene	11.09	154	309182	37.15	ng	98
52) 3-Nitroaniline	11.00	138	72799	30.21	ng	97
53) 2,4-Dinitrophenol	11.14	184	50113	78.80	ng	99
54) Dibenzofuran	11.31	168	473569	36.85	ng	98
55) 4-Nitrophenol	11.21	139	139189	71.81	ng	# 66
56) 2,4-Dinitrotoluene	11.30	165	111296	39.41	ng	100
57) Fluorene	11.73	166	369787	36.00	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	92835	38.33	ng	98
59) Diethylphthalate	11.61	149	353663	34.42	ng	99
60) 4-Chlorophenyl-phenylether	11.74	204	174425	35.24	ng	96
61) 4-Nitroaniline	11.76	138	86915	37.63	ng	94
62) Azobenzene	11.94	77	343228	35.21	ng	96
64) 4,6-Dinitro-2-methylphenol	11.79	198	33808	29.93	ng	# 28
65) n-Nitrosodiphenylamine	11.89	169	318992	32.24	ng	98
66) 4-Bromophenyl-phenylether	12.35	248	110855	31.74	ng	95
67) Hexachlorobenzene	12.41	284	117607	31.38	ng	# 90
68) Atrazine	12.56	200	99866	31.04	ng	98
69) Pentachlorophenol	12.66	266	136580	69.33	ng	99
70) Phenanthrene	12.92	178	554048	32.05	ng	100
71) Anthracene	12.99	178	580658	33.85	ng	99
72) Carbazole	13.20	167	534009	32.74	ng	98
73) Di-n-butylphthalate	13.64	149	581411	30.36	ng	98
74) Fluoranthene	14.41	202	617871	32.72	ng	95
76) Benzidine	14.58	184	293954	27.12	ng	98
77) Pyrene	14.68	202	648454	33.04	ng	100
79) Butylbenzylphthalate	15.52	149	255757	31.68	ng	91
80) Benzo(a)anthracene	16.18	228	609835	32.43	ng	99
81) 3,3'-Dichlorobenzidine	16.16	252	141835	20.59	ng	97
82) Chrysene	16.23	228	571883	32.39	ng	100
83) Bis(2-ethylhexyl)phthalate	16.24	149	350612	27.08	ng	# 97
84) Di-n-octyl phthalate	17.05	149	615487	28.47	ng	98
85) Indeno(1,2,3-cd)pyrene	19.44	276	680076m	33.78	ng	
87) Benzo(b)fluoranthene	17.49	252	627216	34.06	ng	# 95
88) Benzo(k)fluoranthene	17.53	252	564760	31.30	ng	100
89) Benzo(a)pyrene	17.89	252	592415	33.78	ng	# 97
90) Dibenzo(a,h)anthracene	19.47	278	557755	33.35	ng	# 96
91) Benzo(g,h,i)perylene	19.87	276	577881	34.23	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.30 min Scan# 561

Delta R.T. -0.00 min

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BNA_F

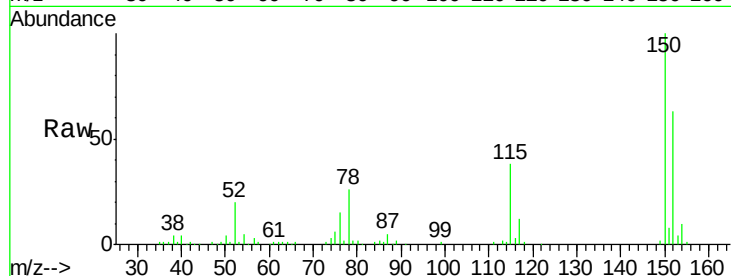
ClientSampleId :

PB81861BS

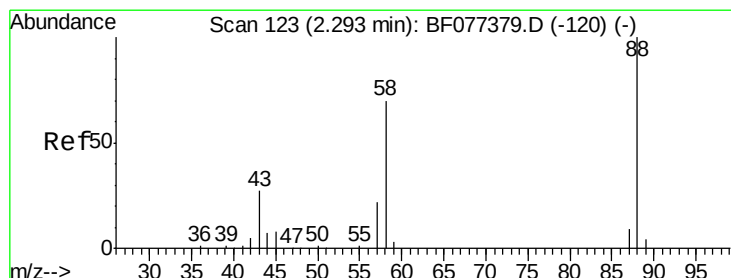
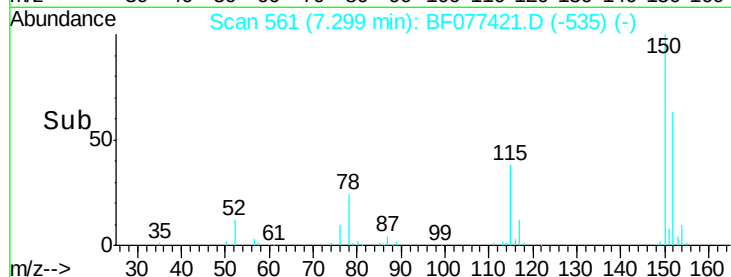
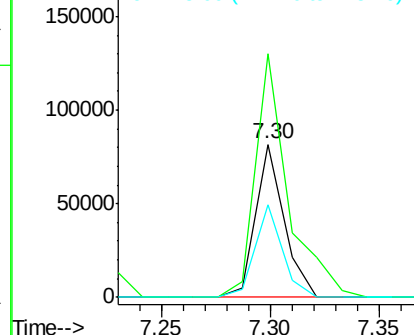
Tgt Ion:	152	Resp:	73803
Ion Ratio	Lower	Upper	
152	100		
150	159.1	124.0	186.0
115	60.6	49.4	74.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.22 ng

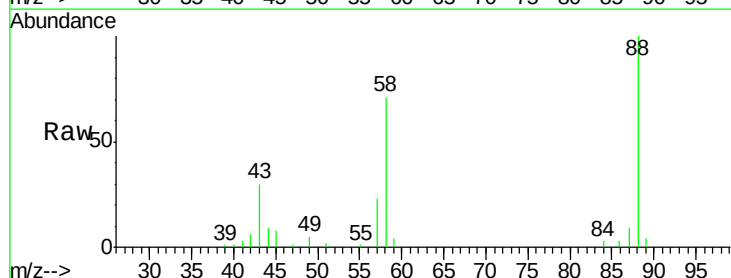
RT: 2.27 min Scan# 121

Delta R.T. 0.03 min

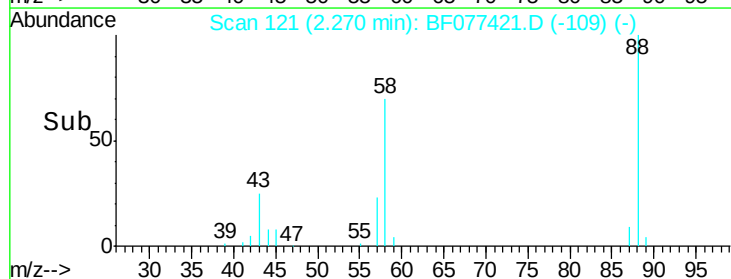
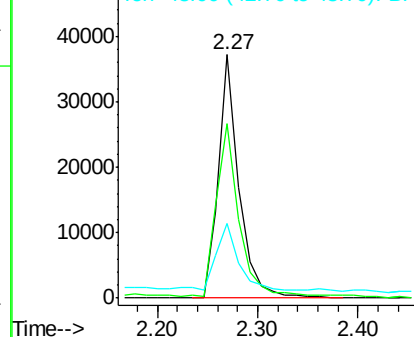
Lab File: BF077421.D

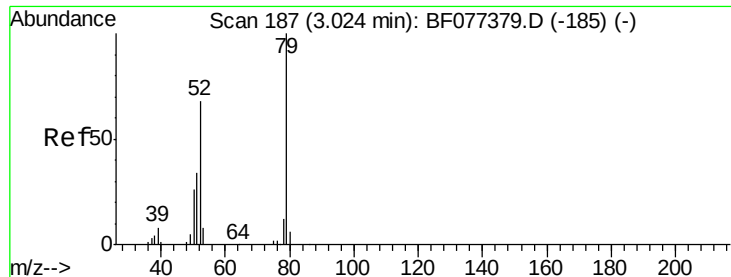
Acq: 24 Feb 2015 17:53

Tgt Ion:	88	Resp:	52941
Ion Ratio	Lower	Upper	
88	100		
58	83.0	62.1	93.1
43	29.6	24.0	36.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 25.73 ng

RT: 3.00 min Scan# 185

Delta R.T. 0.03 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

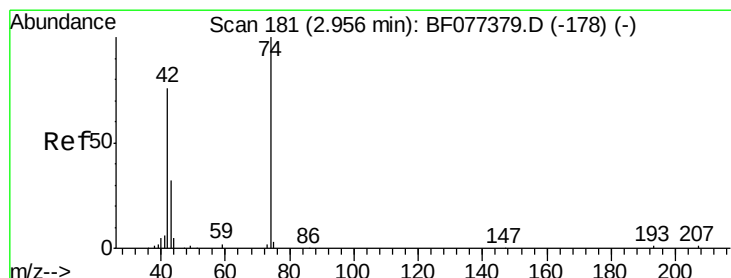
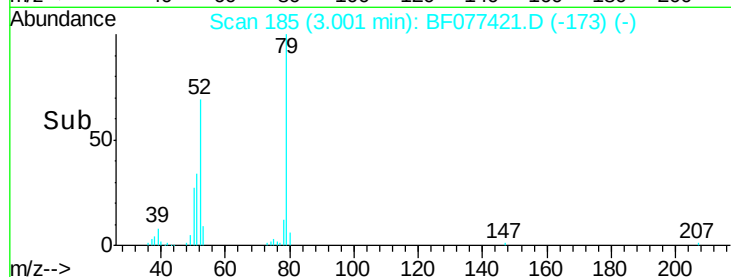
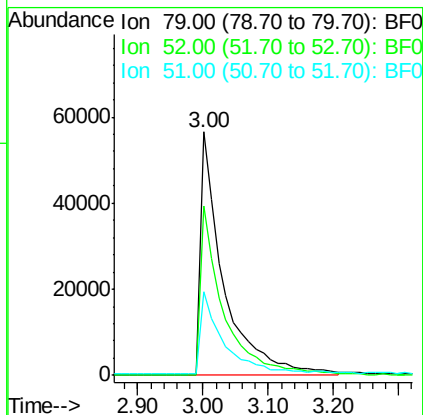
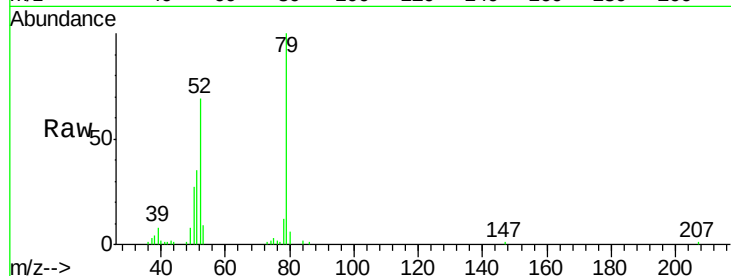
ClientSampleId :

PB81861BS

Tgt Ion:	79	Resp:	138067
Ion	Ratio	Lower	Upper
79	100		
52	69.4	57.7	86.5
51	34.6	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 28.60 ng

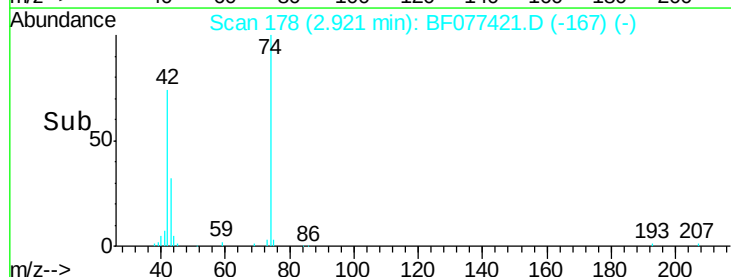
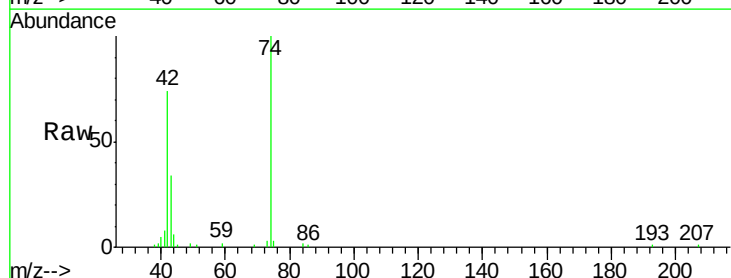
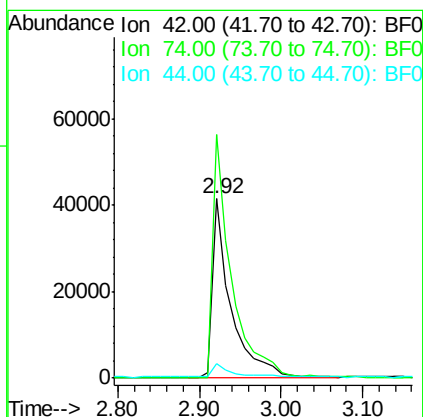
RT: 2.92 min Scan# 178

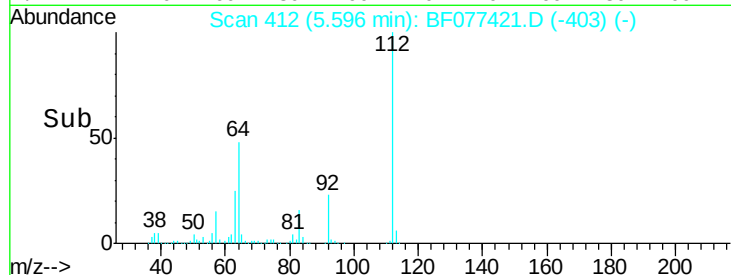
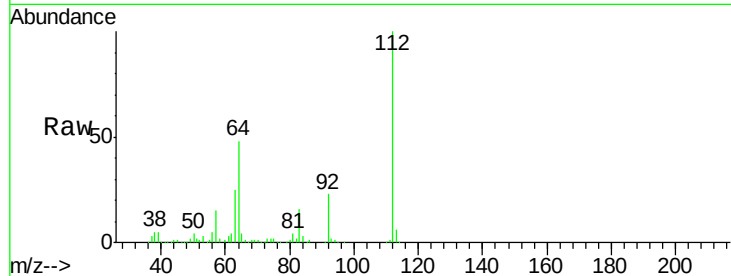
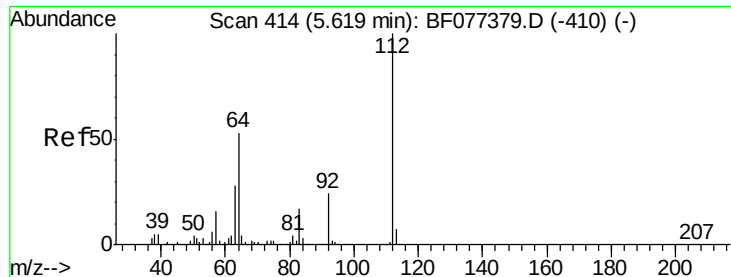
Delta R.T. 0.02 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion:	42	Resp:	66725
Ion	Ratio	Lower	Upper
42	100		
74	135.8	107.1	160.7
44	7.9	6.7	10.1





#5

2-Fluorophenol

Concen: 64.73 ng

RT: 5.60 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	286162		
64	48.4	48.5	72.7#	
63	25.4	25.0	37.4	

Instrument :

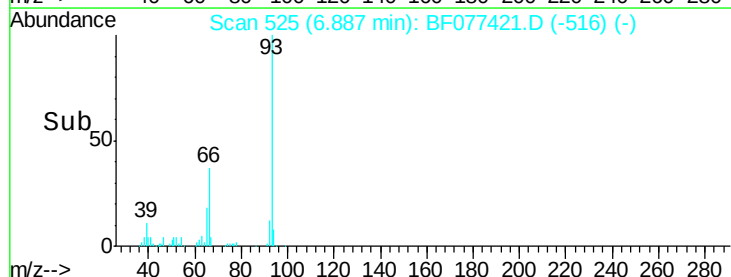
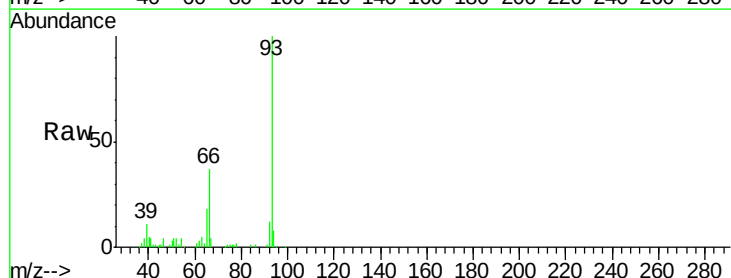
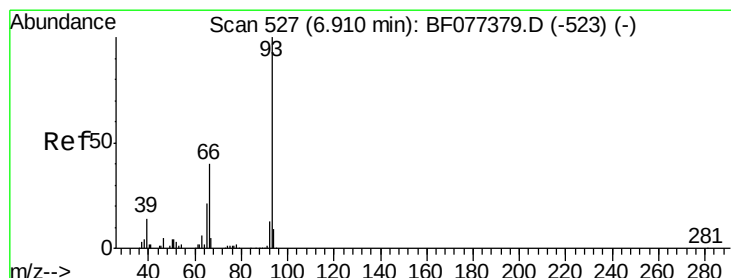
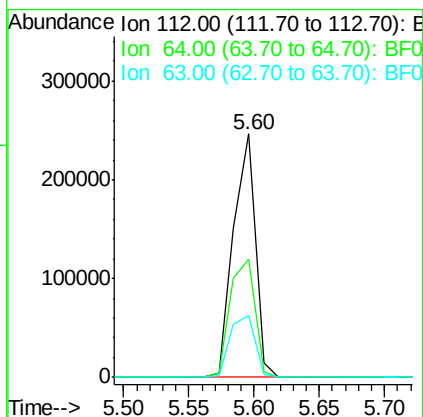
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#6

Aniline

Concen: 15.88 ng

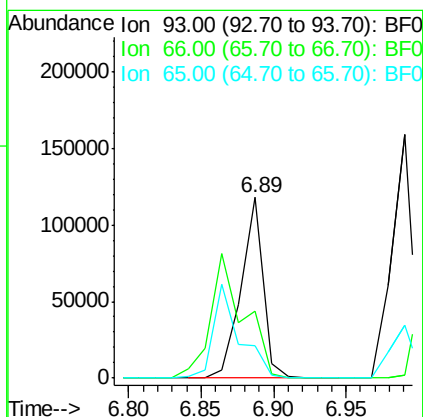
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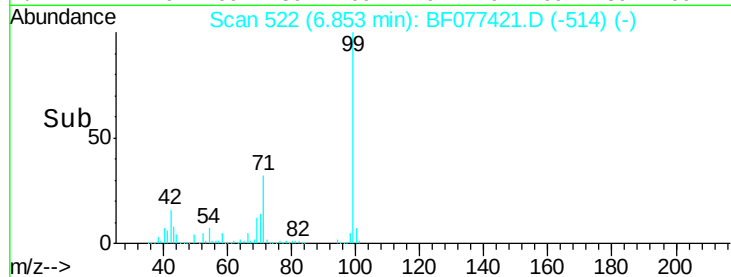
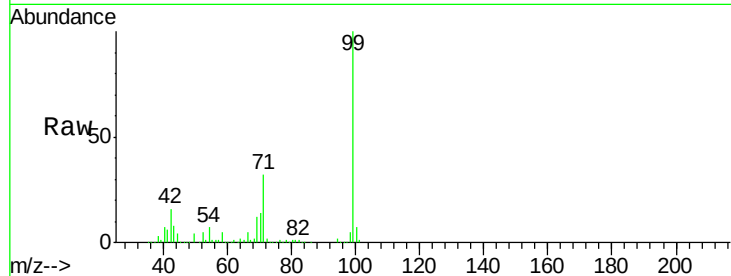
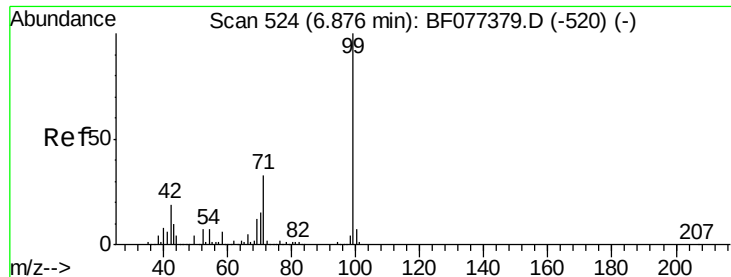
Delta R.T. -0.00 min

Lab File: BF077421.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	124764		
66	36.9	29.1	43.7	
65	17.7	14.6	22.0	





#7

Phenol-d6

Concen: 65.26 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	370926		
42	16.4	16.2	24.4	
71	31.7	26.7	40.1	

Instrument :

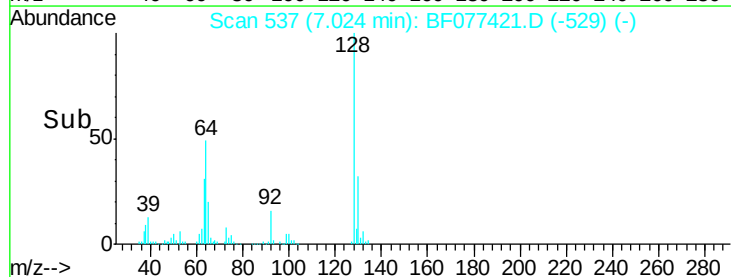
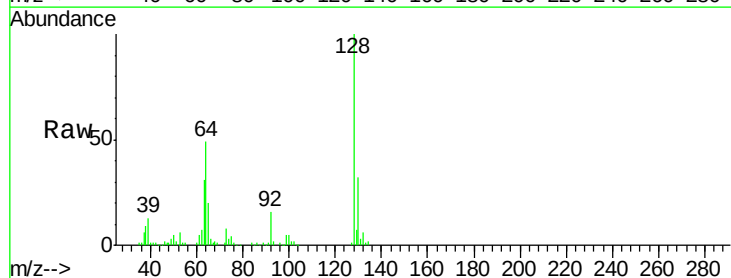
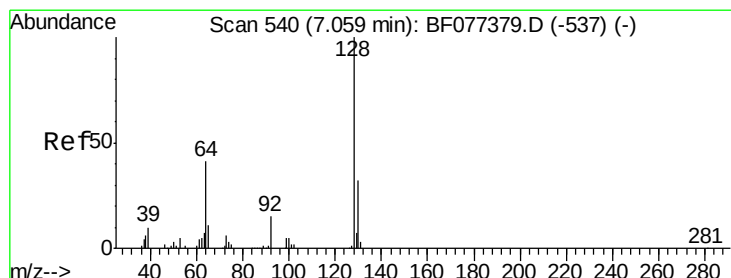
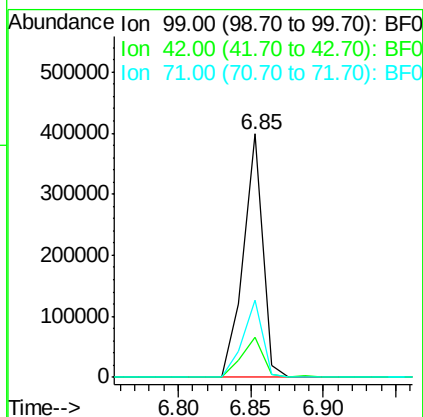
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#8

2-Chlorophenol

Concen: 32.46 ng

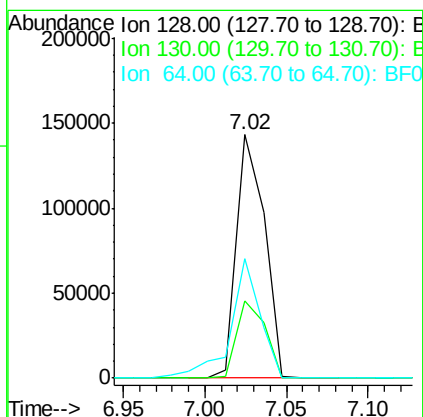
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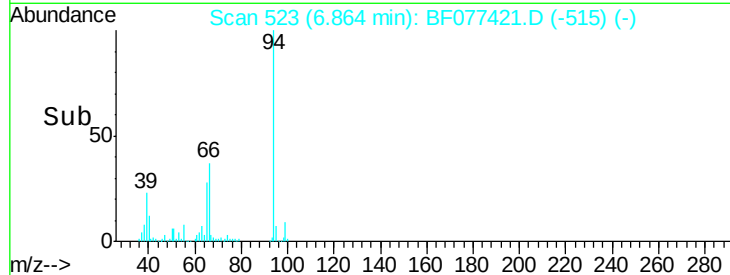
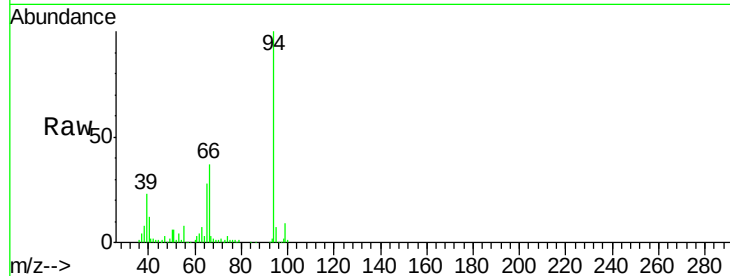
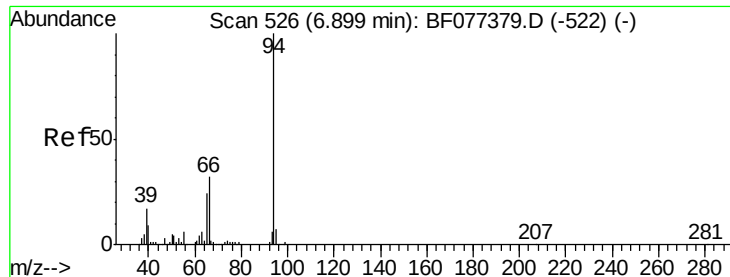
Delta R.T. -0.01 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	169300		
130	31.9	12.0	52.0	
64	49.2	29.2	69.2	





#10

Phenol

Concen: 30.65 ng

RT: 6.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	206724		
65	27.8	5.7	45.7	
66	36.6	13.6	53.6	

Instrument :

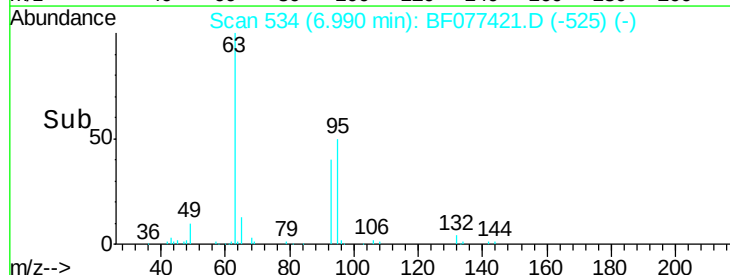
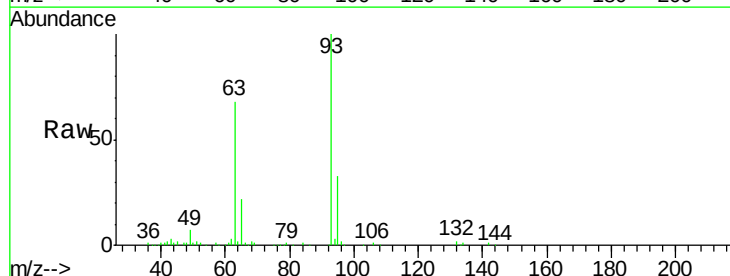
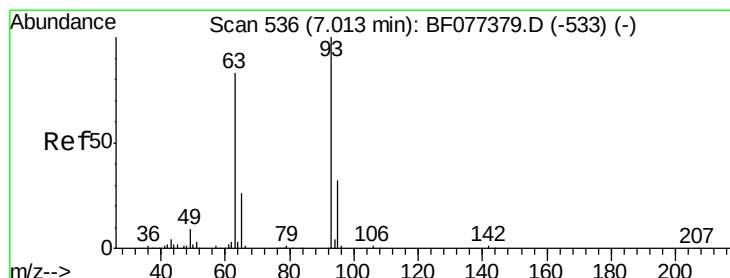
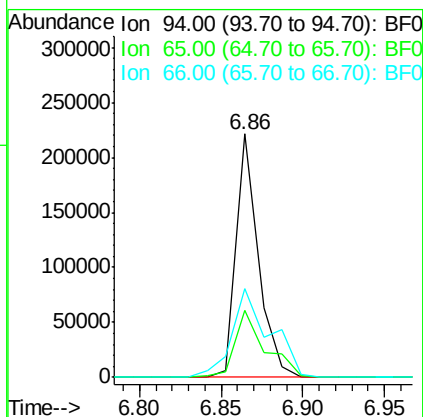
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#11

bis(2-Chloroethyl)ether

Concen: 31.69 ng

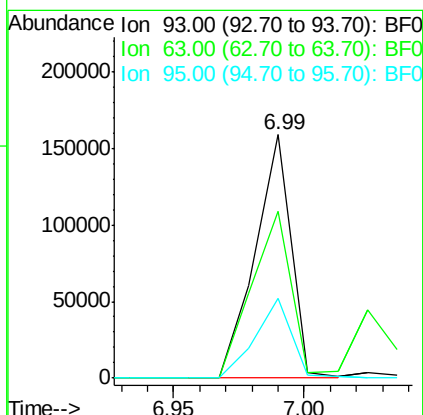
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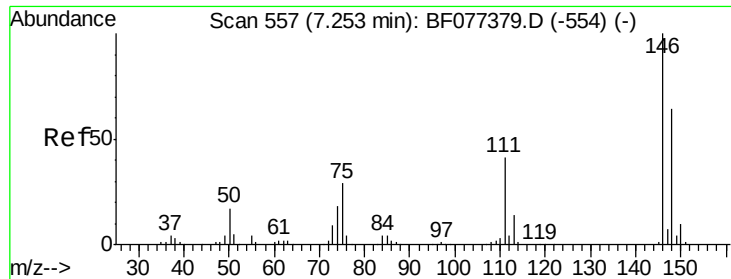
Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	153576		
63	68.4	48.7	88.7	
95	32.7	13.6	53.6	





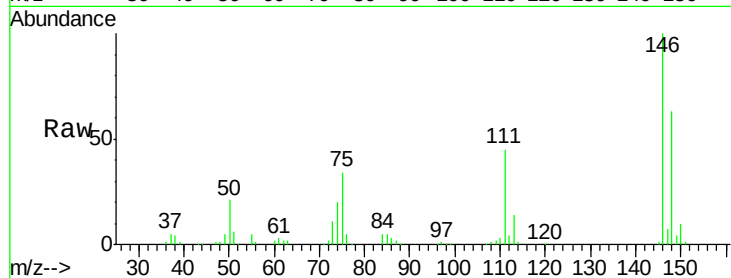
#12
 1,3-Dichlorobenzene
 Concen: 31.27 ng
 RT: 7.22 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

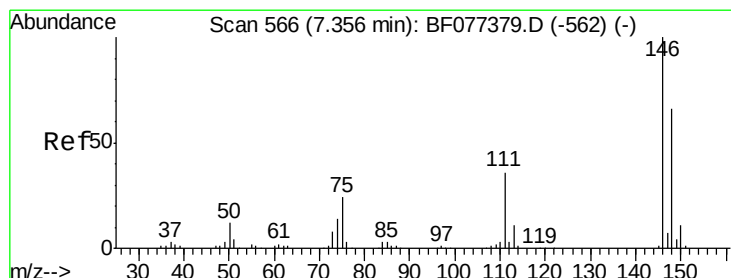
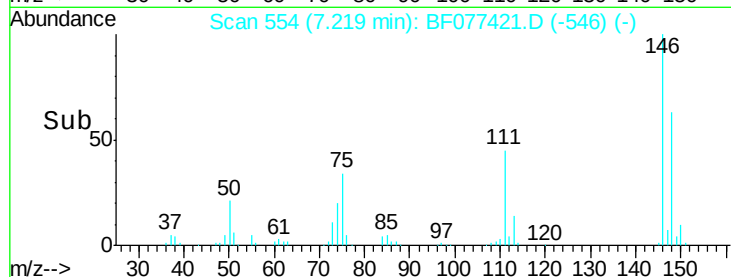
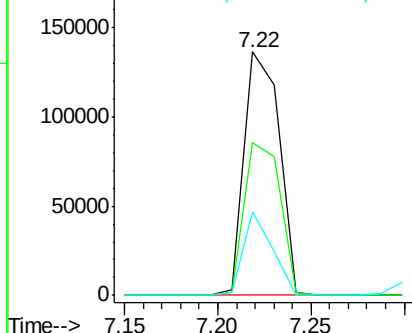
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177560		
148	62.5	49.8	74.8	
75	34.1	28.2	42.4	

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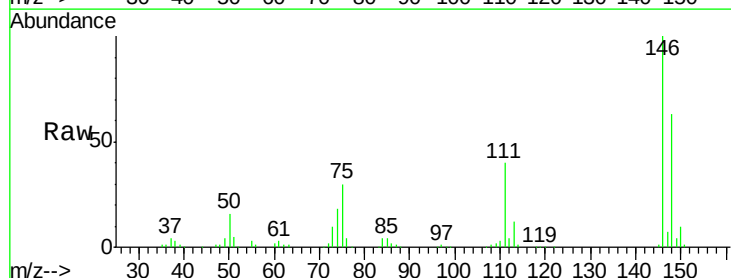


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

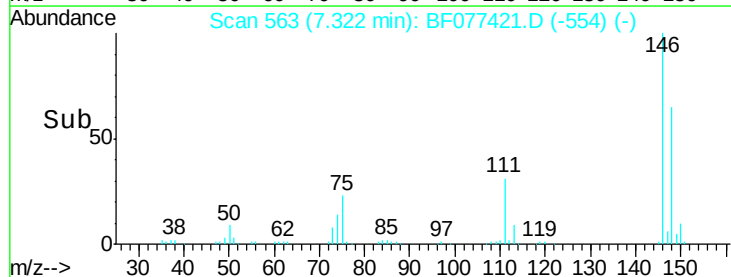
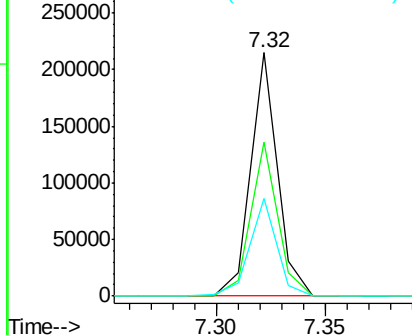


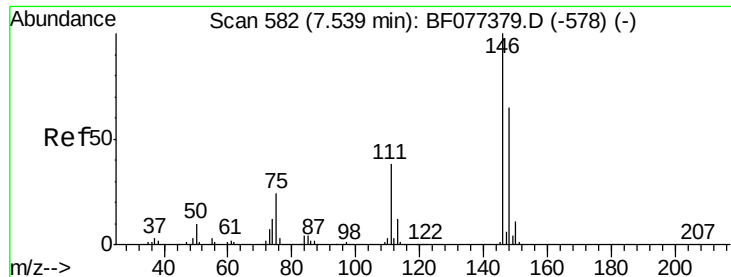
#13
 1,4-Dichlorobenzene
 Concen: 31.70 ng
 RT: 7.32 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183139		
148	63.3	52.0	78.0	
111	40.2	31.9	47.9	



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





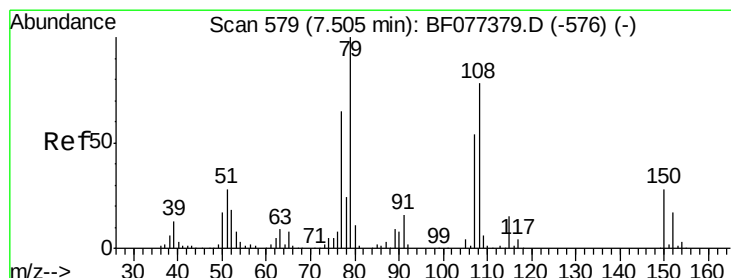
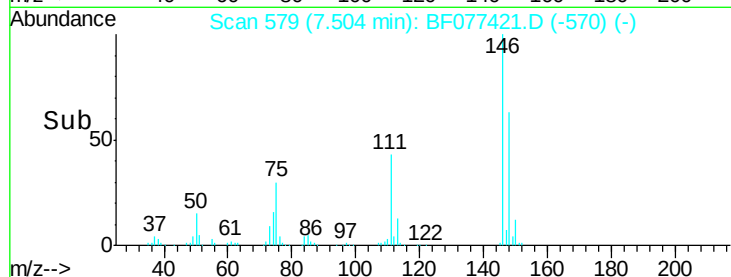
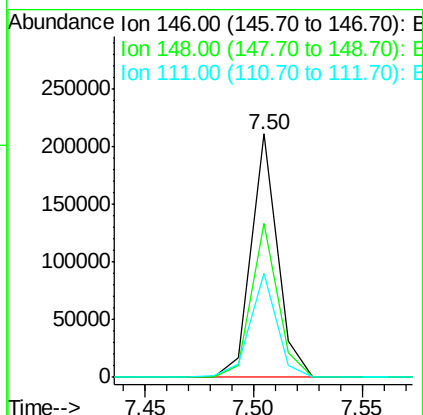
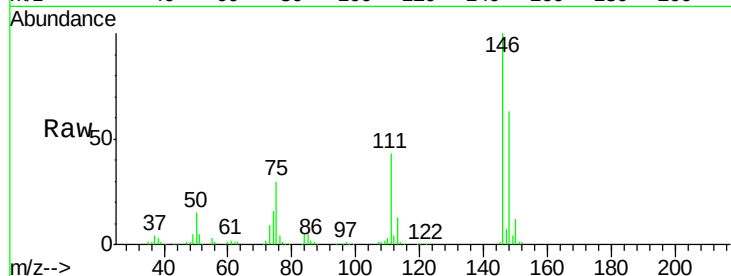
#14
1,2-Dichlorobenzene
Concen: 32.36 ng
RT: 7.50 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	177856		
148	63.3	51.6	77.4	
111	42.7	34.2	51.2	

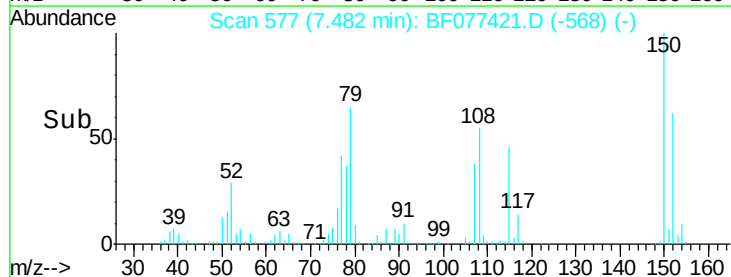
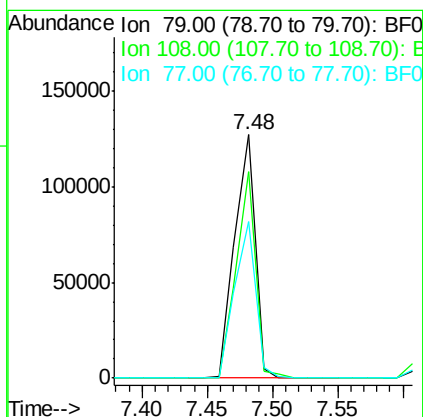
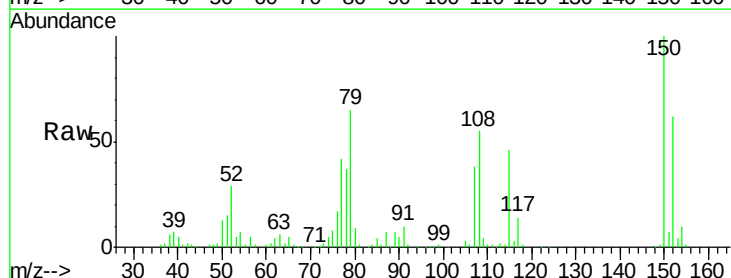
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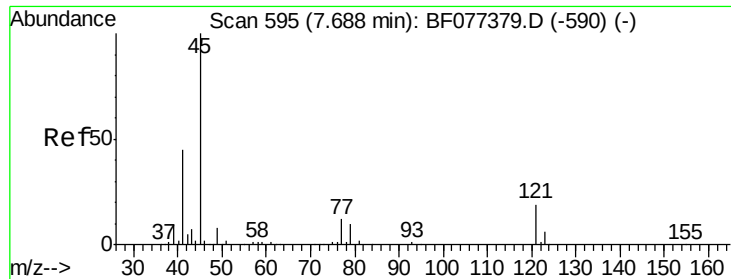
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#15
Benzyl Alcohol
Concen: 32.24 ng
RT: 7.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	139311		
108	84.7	58.3	87.5	
77	64.3	51.3	76.9	





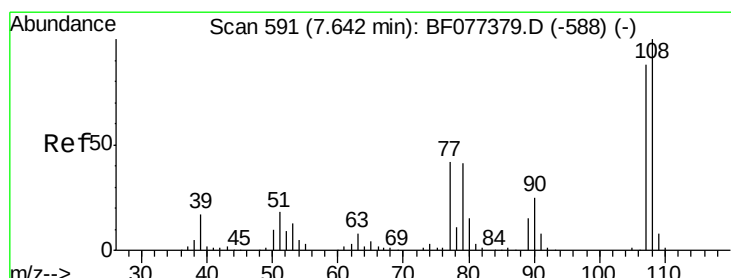
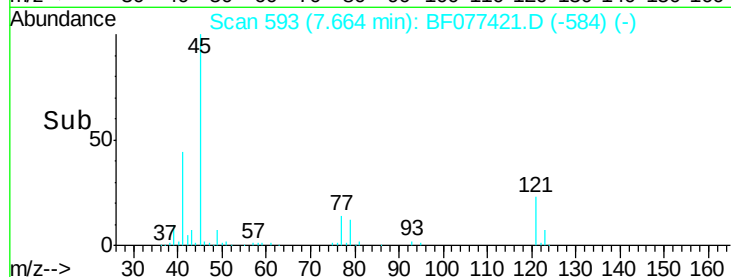
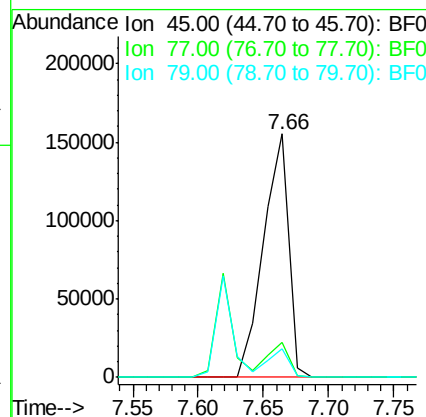
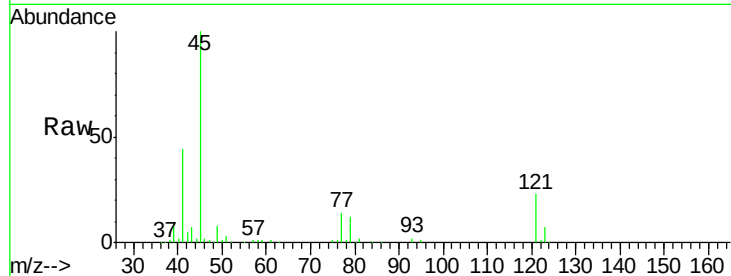
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.34 ng
RT: 7.66 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		
77	14.3	0.0	34.6
79	11.8	0.0	31.5

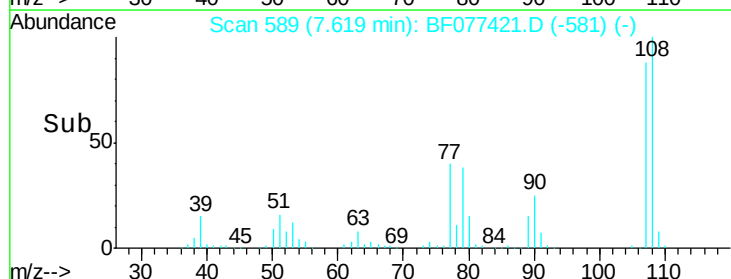
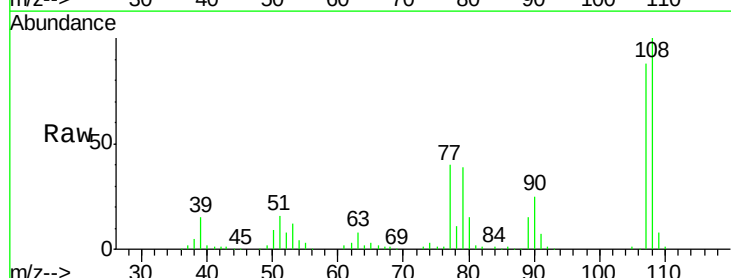
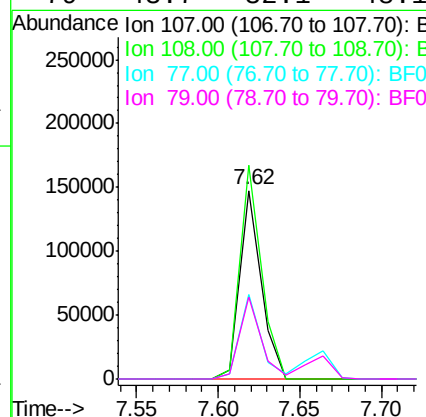
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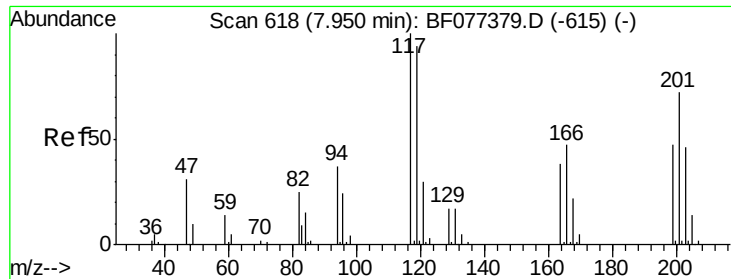
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#17
2-Methylphenol
Concen: 32.64 ng
RT: 7.62 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	113.1	91.2	136.8
77	44.9	33.6	50.4
79	43.7	32.1	48.1





#18

Hexachloroethane

Concen: 31.64 ng

RT: 7.93 min Scan# 616

Delta R.T. -0.00 min

Lab File: BF077421.D

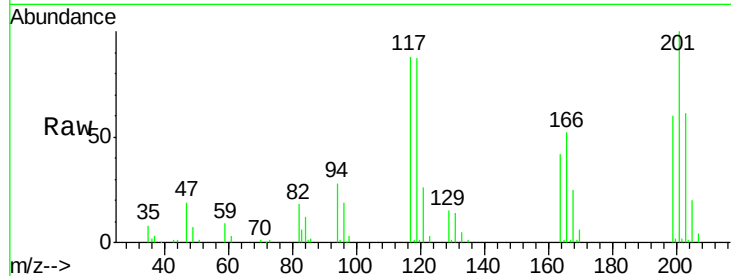
Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

ClientSampleId :

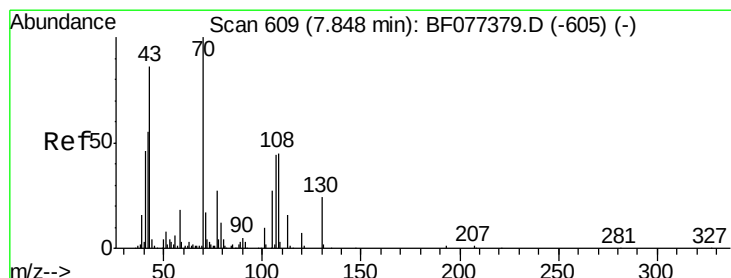
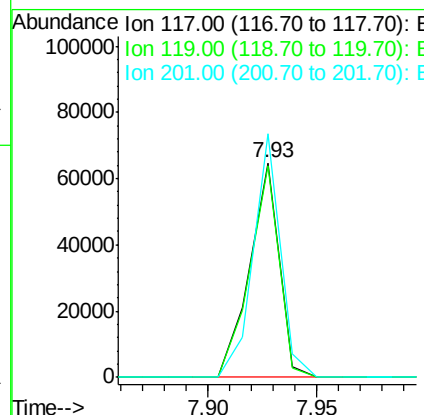
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Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	77.8	116.8
201	113.5	90.6	136.0

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#19

n-Nitroso-di-n-propylamine

Concen: 31.51 ng

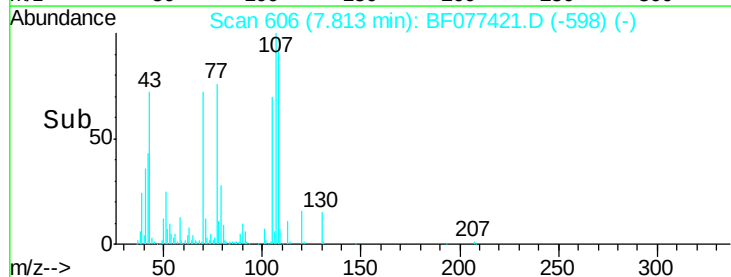
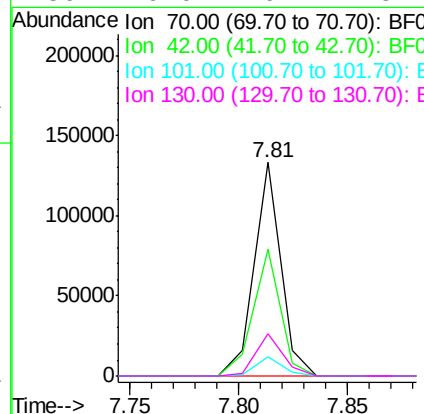
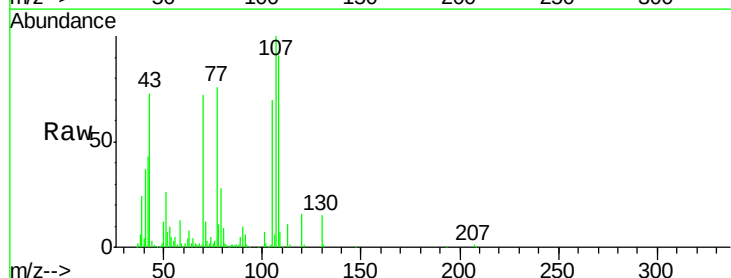
RT: 7.81 min Scan# 606

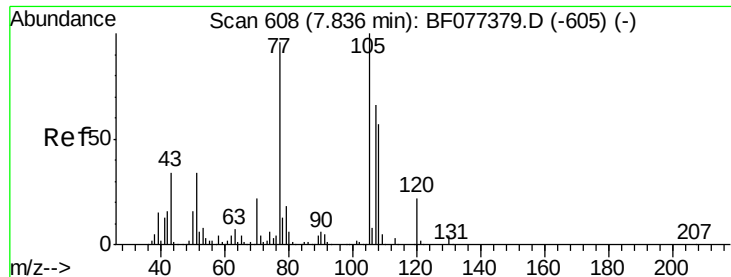
Delta R.T. -0.01 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
70	100		
42	59.5	48.3	72.5
101	9.1	7.5	11.3
130	20.0	16.7	25.1





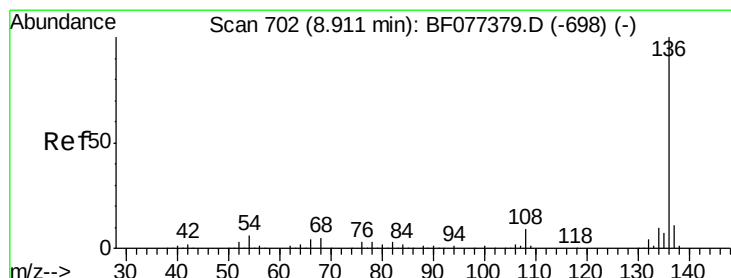
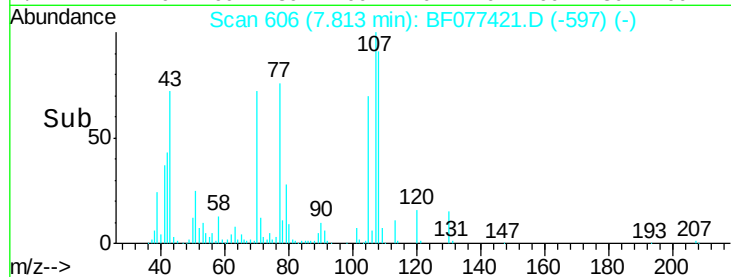
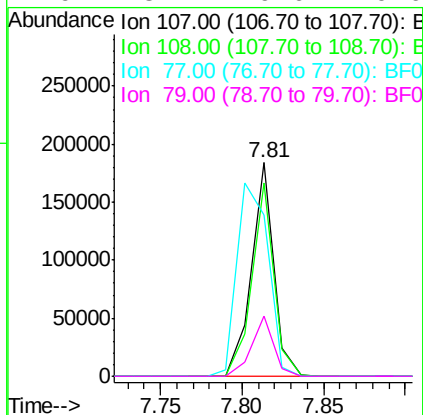
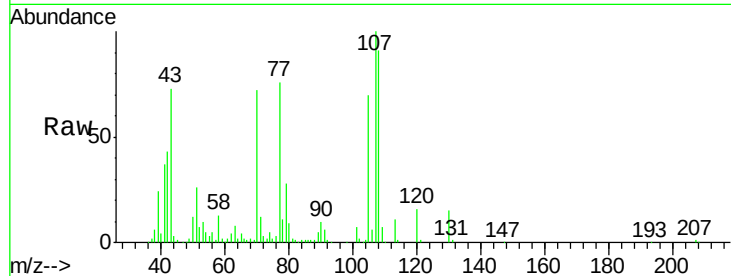
#20
3+4-Methylphenols
Concen: 32.40 ng
RT: 7.81 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
107	100	173939		
108	90.5	76.8	116.8	
77	75.8	65.8	105.8	
79	28.2	9.6	49.6	

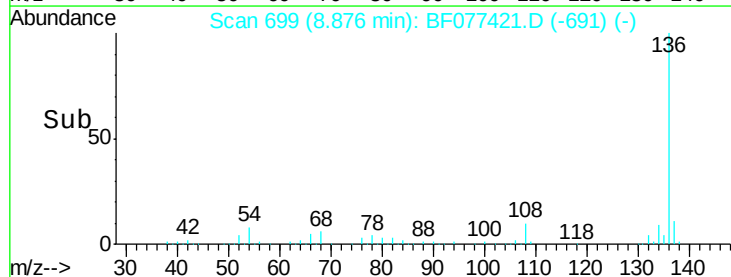
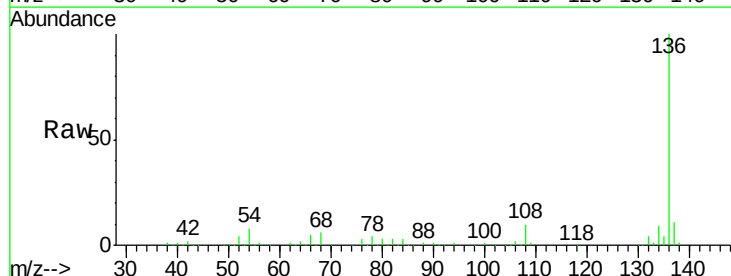
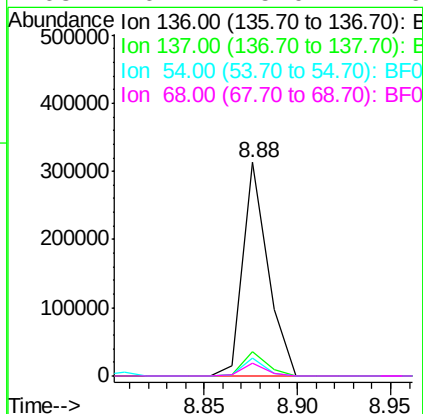
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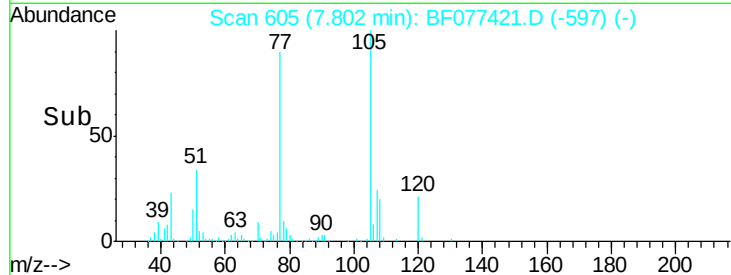
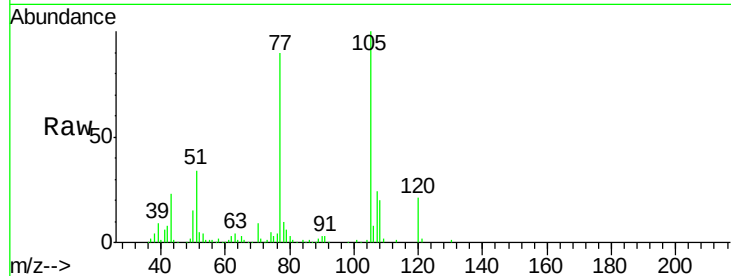
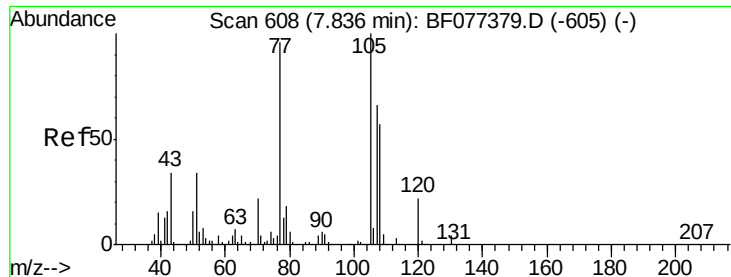
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

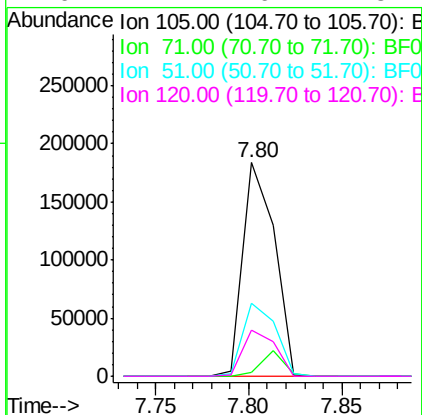
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	293489		
137	11.1	8.6	13.0	
54	8.5	6.2	9.4	
68	6.2	5.0	7.6	





#22
Acetophenone
Concen: 31.78 ng
RT: 7.80 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

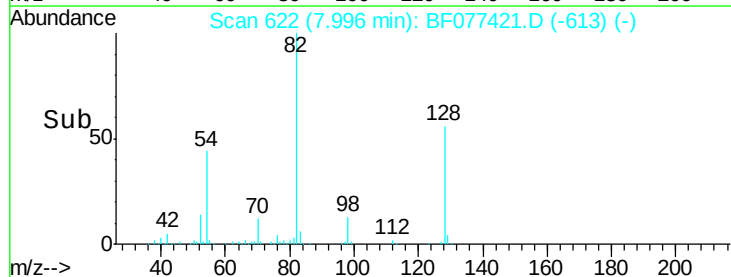
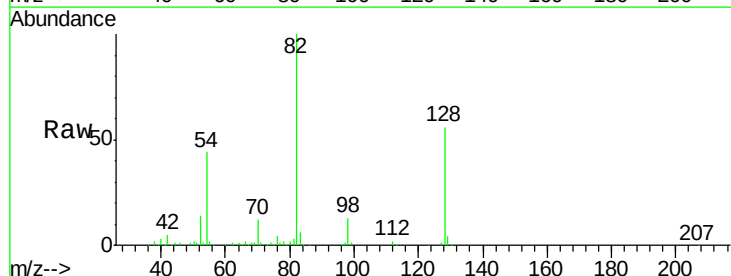
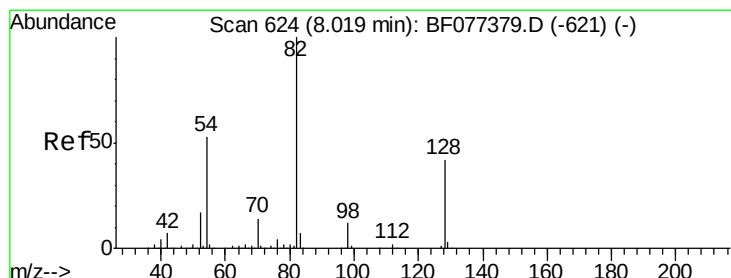
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	219392		
71	71	1.7	1.7	2.5	#
51	51	34.4	30.7	46.1	
120	120	21.4	16.7	25.1	



Instrument :
BNA_F
ClientSampleId :
PB81861BS

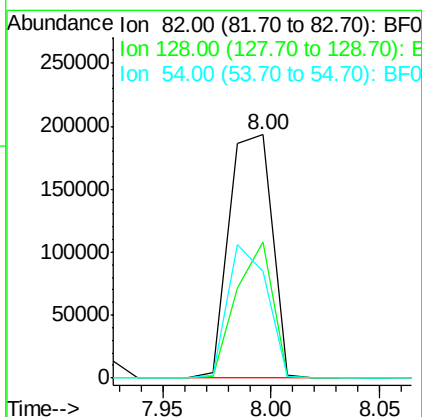
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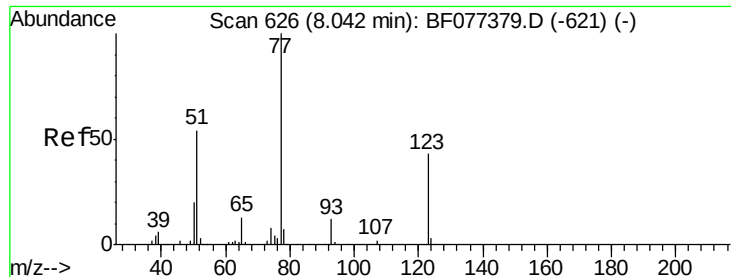
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#23
Nitrobenzene-d5
Concen: 56.22 ng
RT: 8.00 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	265319		
128	128	55.8	43.8	65.8	
54	54	43.9	36.7	55.1	





#24

Nitrobenzene

Concen: 34.03 ng

RT: 8.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

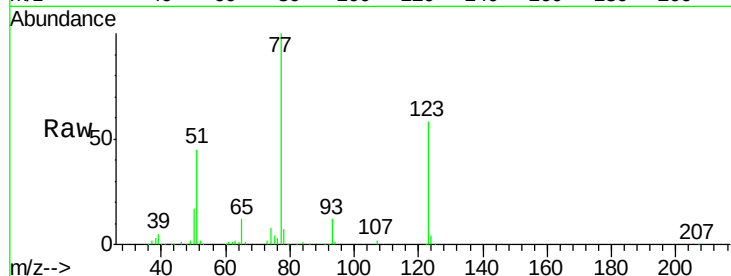
ClientSampleId :

PB81861BS

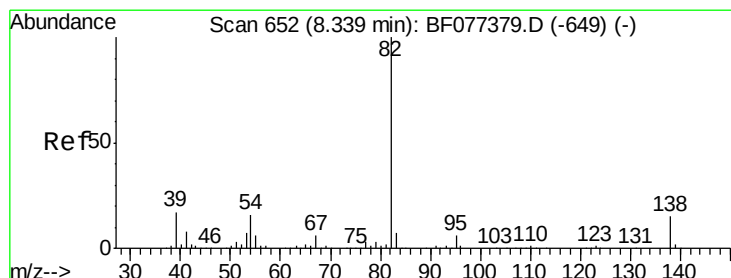
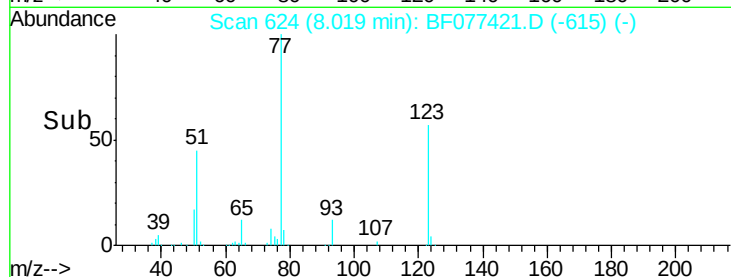
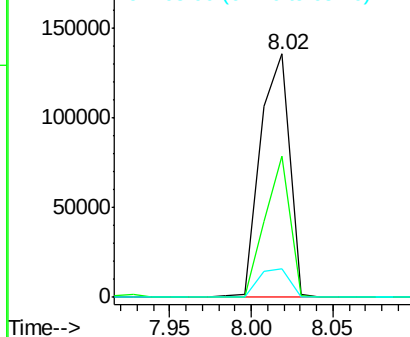
Tgt Ion:	77	Resp:	168952
Ion Ratio	Lower	Upper	
77	100		
123	57.8	45.9	68.9
65	11.8	9.5	14.3

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



#25

Isophorone

Concen: 32.57 ng

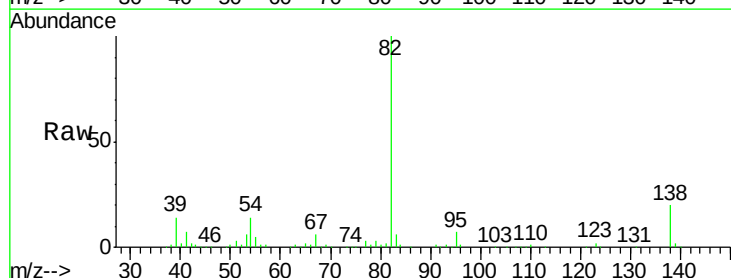
RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

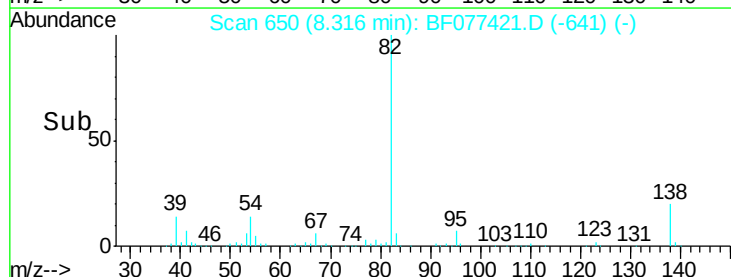
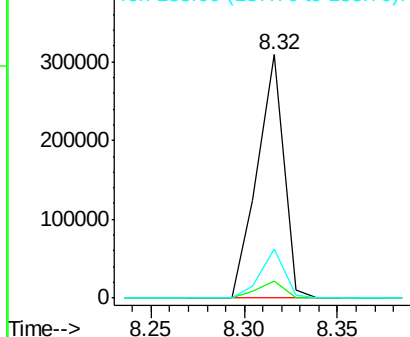
Lab File: BF077421.D

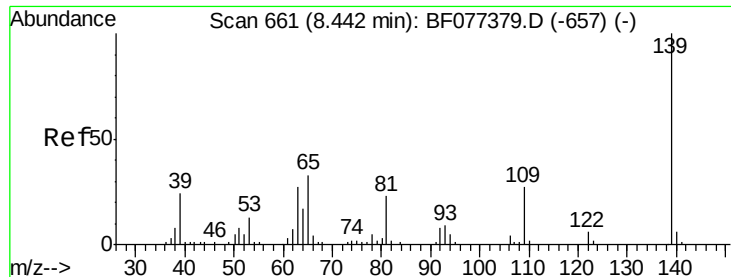
Acq: 24 Feb 2015 17:53

Tgt Ion:	82	Resp:	304946
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	20.3	16.3	24.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#26

2-Nitrophenol

Concen: 37.79 ng

RT: 8.41 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

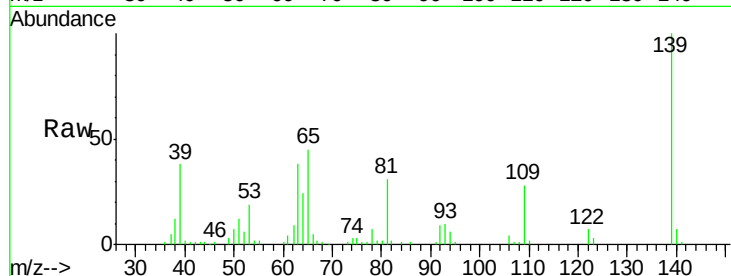
ClientSampleId :

PB81861BS

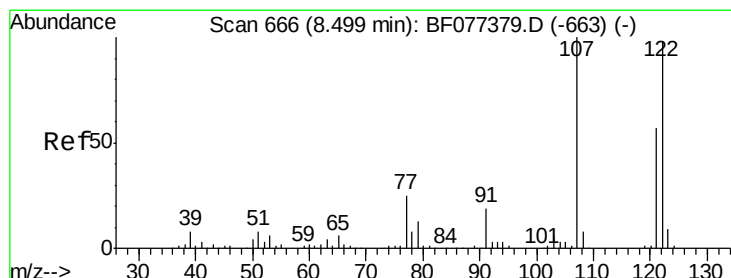
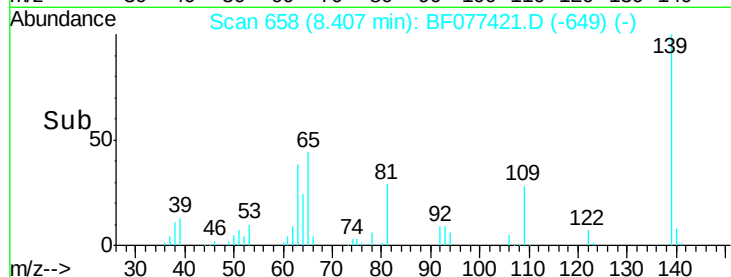
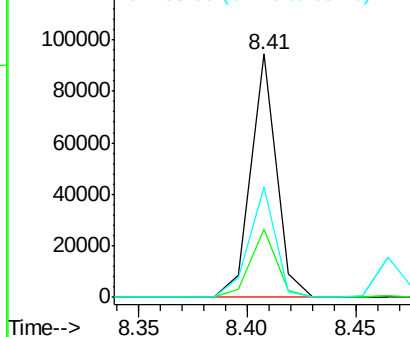
Tgt Ion:	139	Resp:	76902
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.6	34.0
65	45.3	36.4	54.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E



#27

2,4-Dimethylphenol

Concen: 32.18 ng

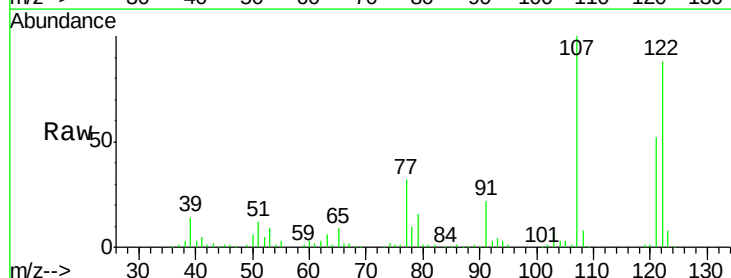
RT: 8.46 min Scan# 663

Delta R.T. -0.01 min

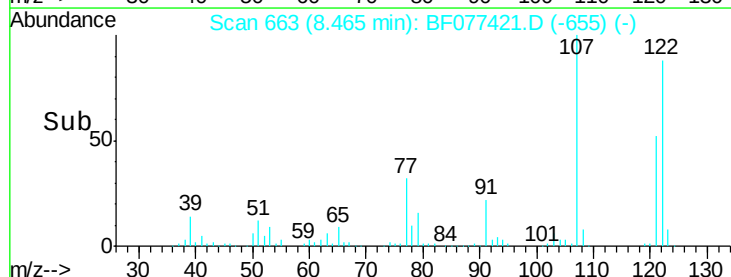
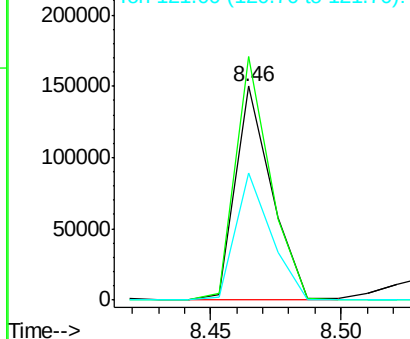
Lab File: BF077421.D

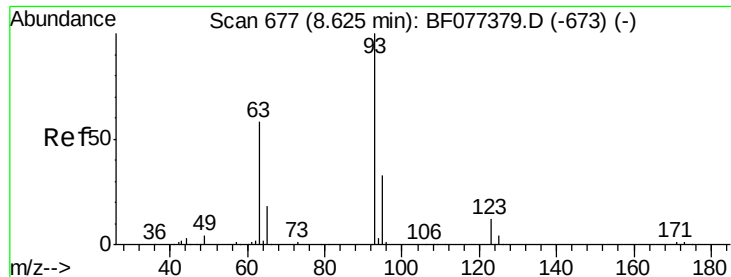
Acq: 24 Feb 2015 17:53

Tgt Ion:	122	Resp:	146534
Ion Ratio	Lower	Upper	
122	100		
107	114.0	86.6	130.0
121	59.8	47.4	71.0



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





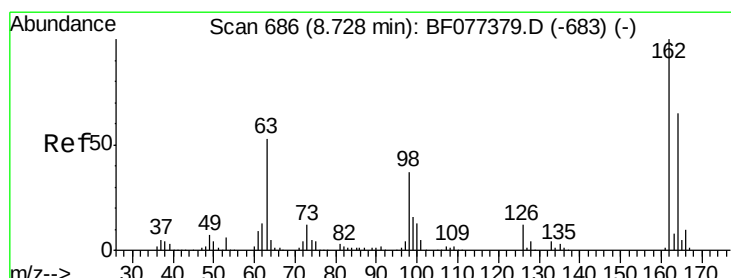
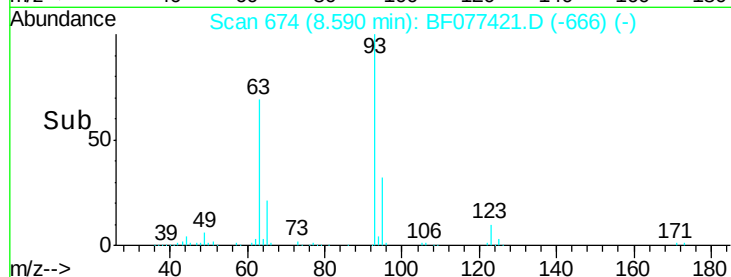
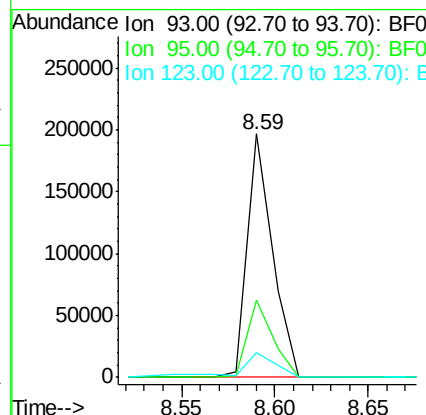
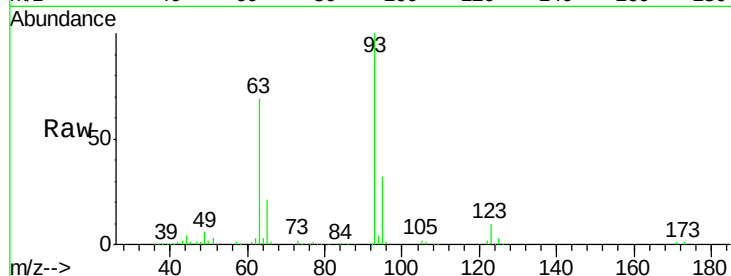
#28
bis(2-Chloroethoxy)methane
Concen: 31.46 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	31.6	26.4	39.6
123	10.2	8.7	13.1

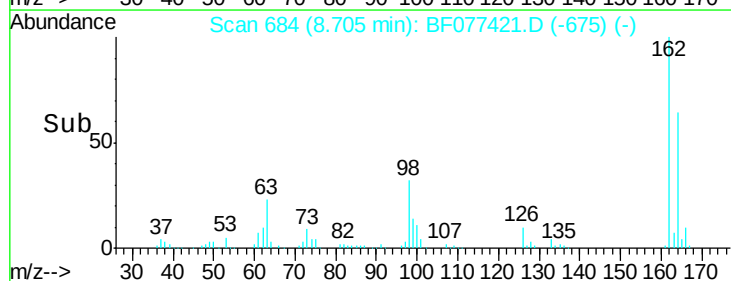
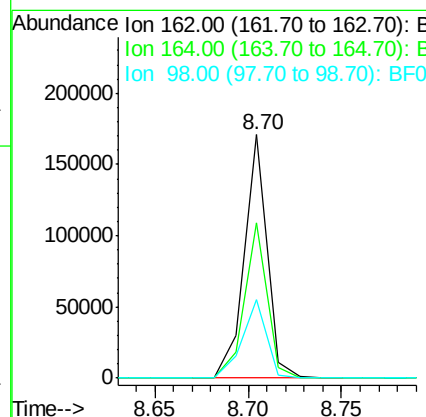
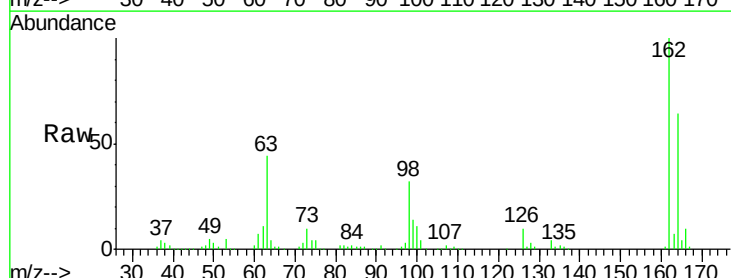
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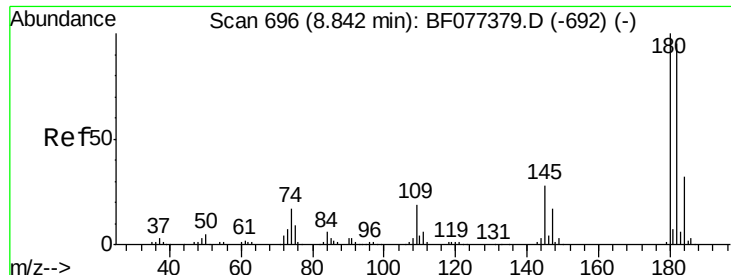
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#29
2,4-Dichlorophenol
Concen: 34.24 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	46.4	86.4
98	32.5	6.9	46.9





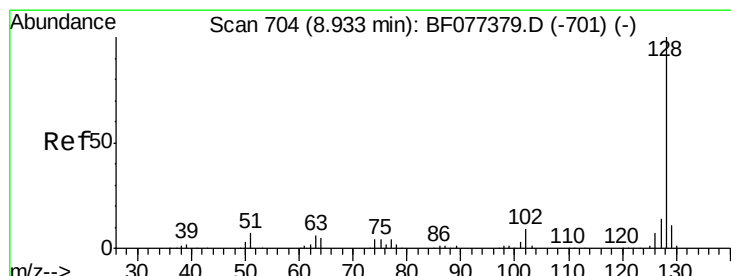
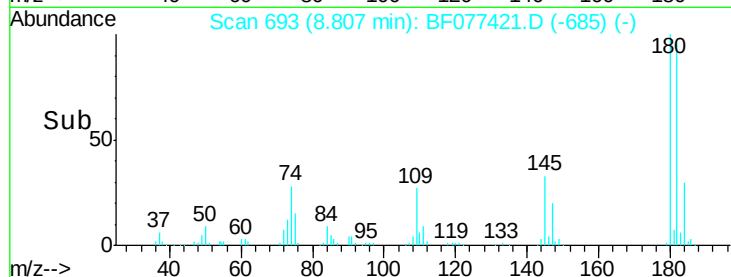
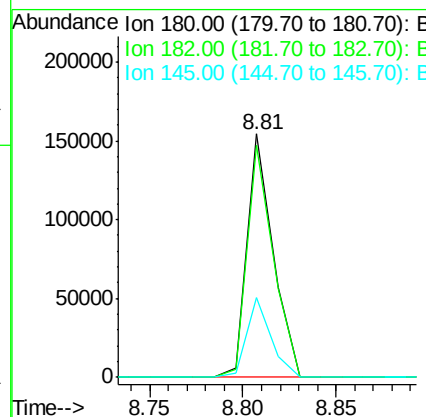
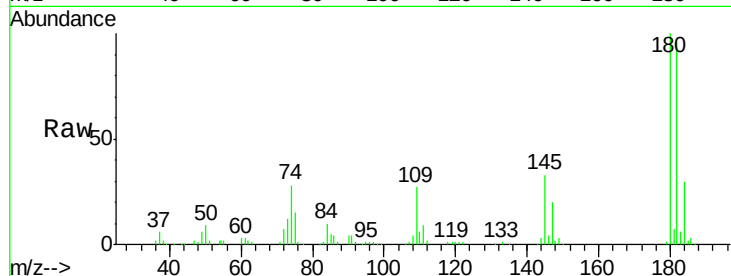
#30
 1,2,4-Trichlorobenzene
 Concen: 31.75 ng
 RT: 8.81 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	149175		
182	95.5	76.2	114.4	
145	32.8	24.5	36.7	

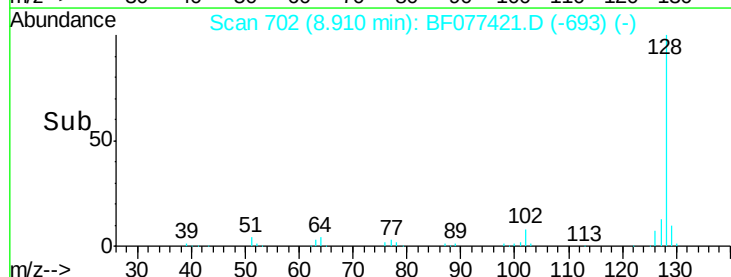
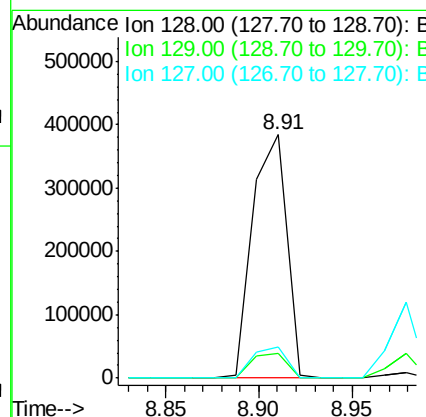
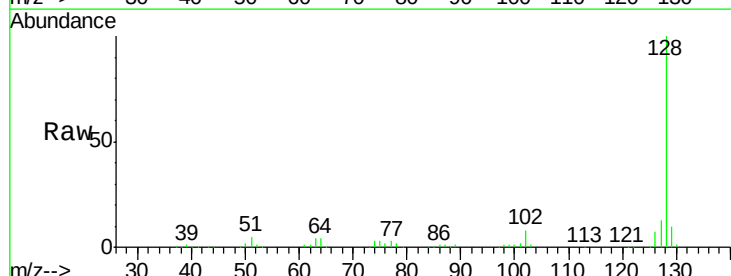
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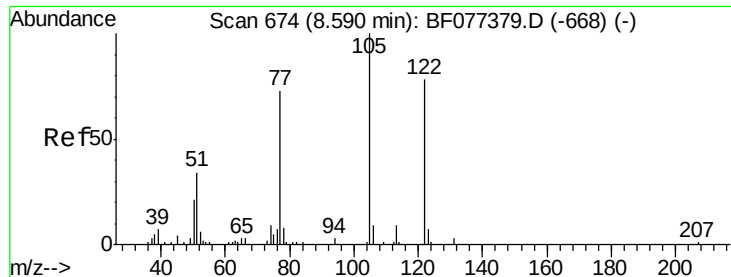
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#31
 Naphthalene
 Concen: 32.98 ng
 RT: 8.91 min Scan# 702
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	484022		
129	10.4	9.4	14.0	
127	13.0	10.6	15.8	





#32

Benzoic acid

Concen: 36.53 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF077421.D

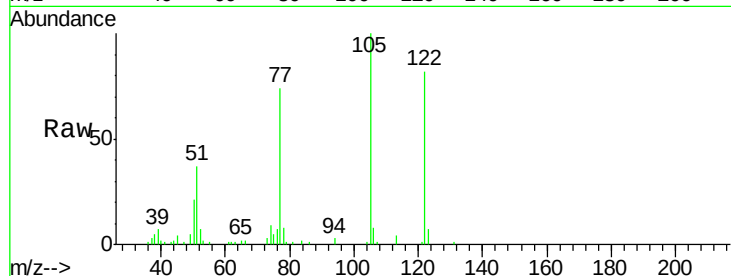
Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

ClientSampleId :

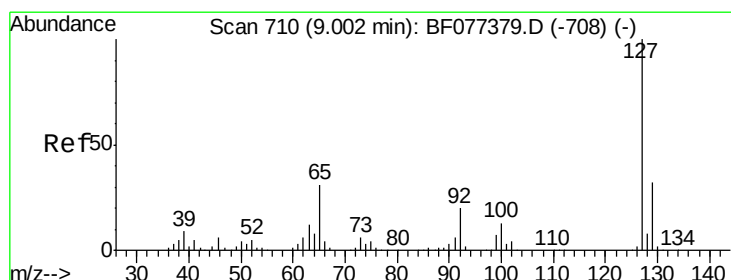
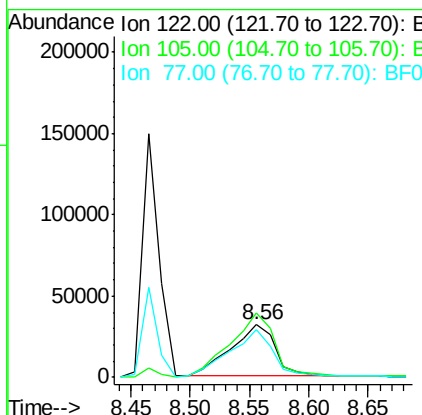
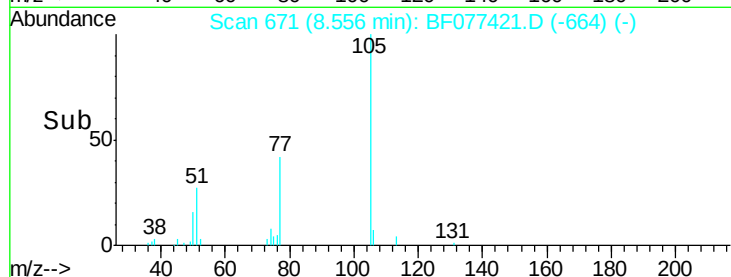
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Tgt Ion:	122	Resp:	80828
Ion Ratio	Lower	Upper	
122	100		
105	121.8	100.3	140.3
77	90.5	68.7	108.7

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#33

4-Chloroaniline

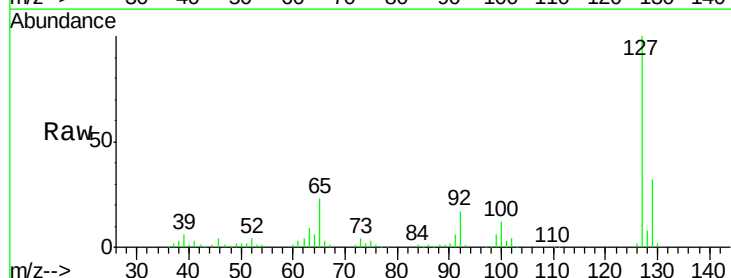
Concen: 18.08 ng

RT: 8.98 min Scan# 708

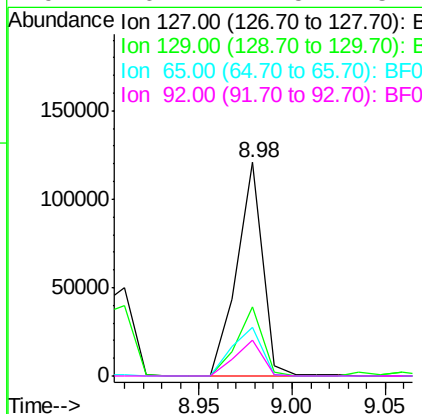
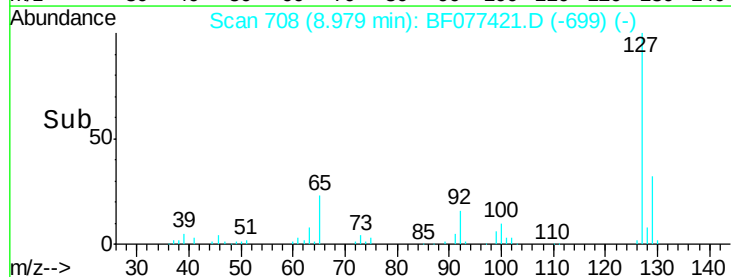
Delta R.T. -0.00 min

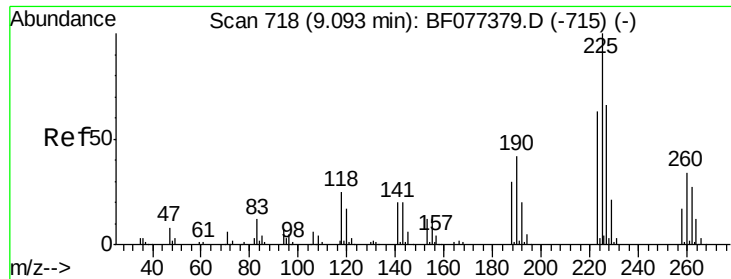
Lab File: BF077421.D

Acq: 24 Feb 2015 17:53



Tgt Ion:	127	Resp:	118009
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.9	40.3
65	23.0	16.7	25.1
92	16.7	12.5	18.7





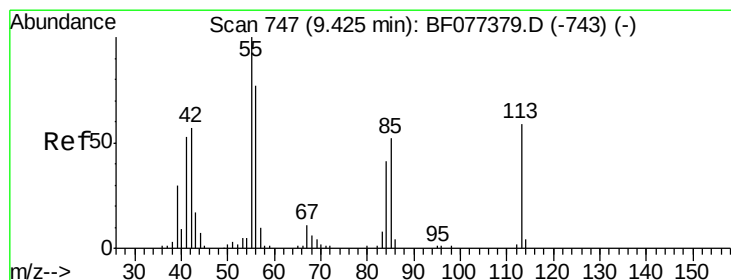
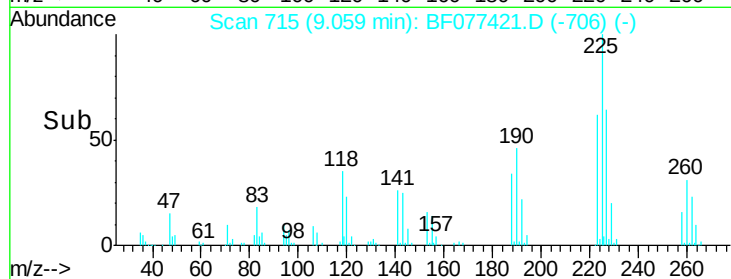
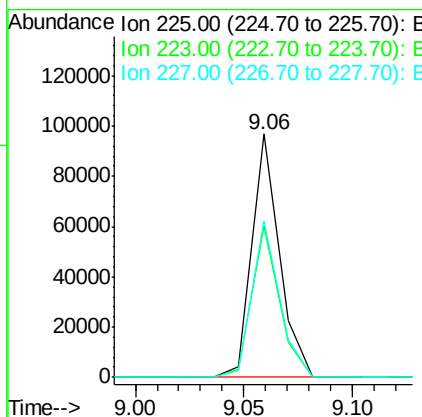
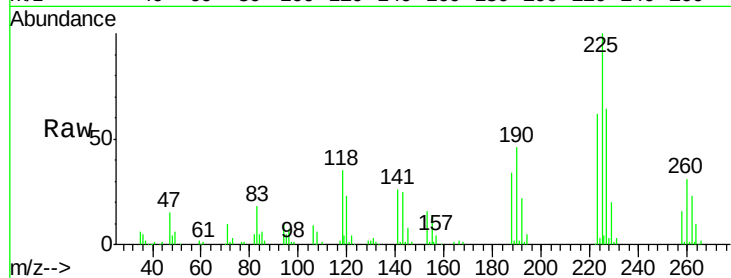
#34
Hexachlorobutadiene
Concen: 31.60 ng
RT: 9.06 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84775		
223	62.4	49.5	74.3	
227	64.4	50.5	75.7	

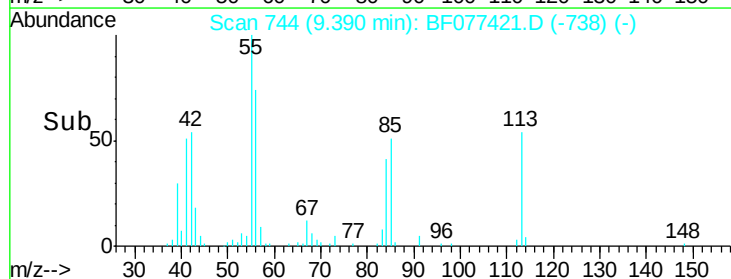
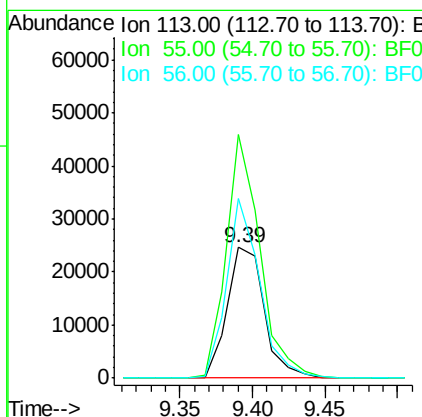
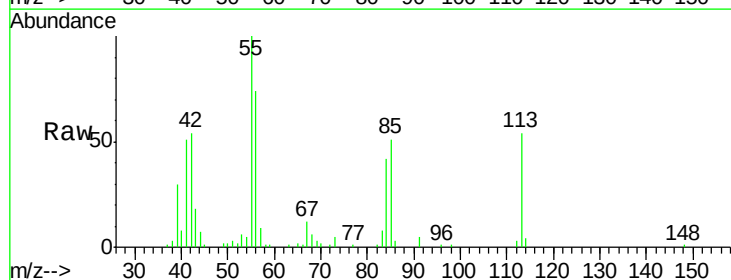
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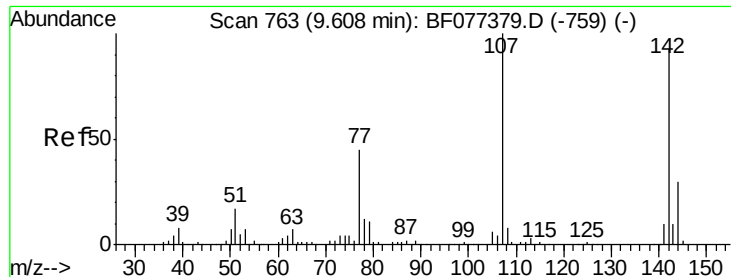
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#35
Caprolactam
Concen: 33.32 ng
RT: 9.39 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	43476		
55	186.5	154.6	194.6	
56	137.9	114.0	154.0	





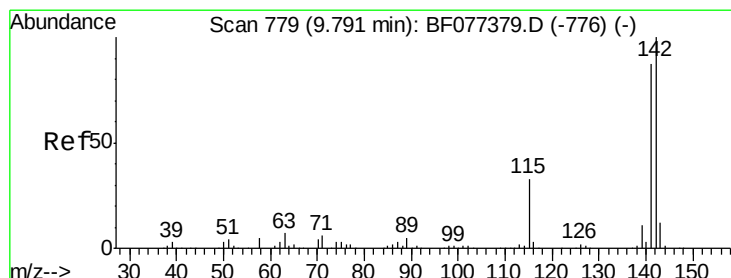
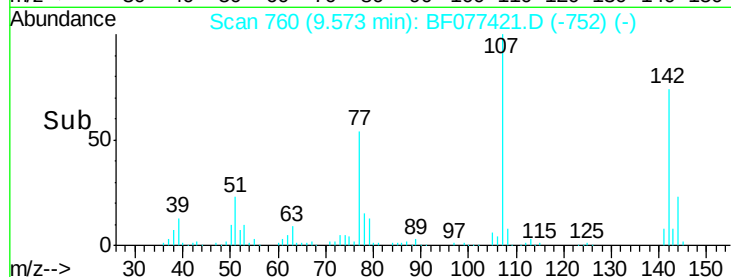
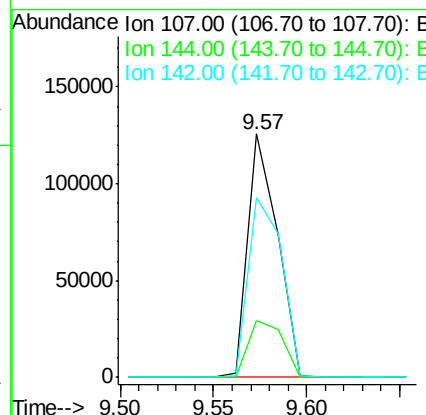
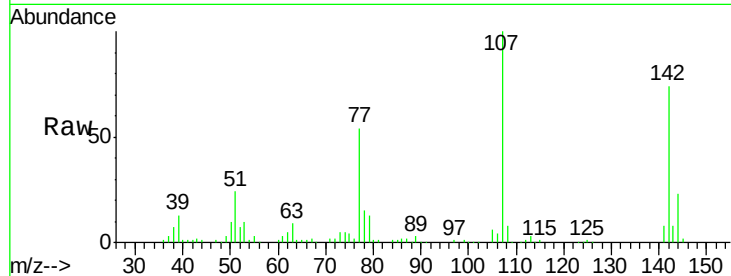
#36
 4-Chloro-3-methylphenol
 Concen: 32.39 ng
 RT: 9.57 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	139183		
144	23.1	21.1	31.7	
142	73.7	65.3	97.9	

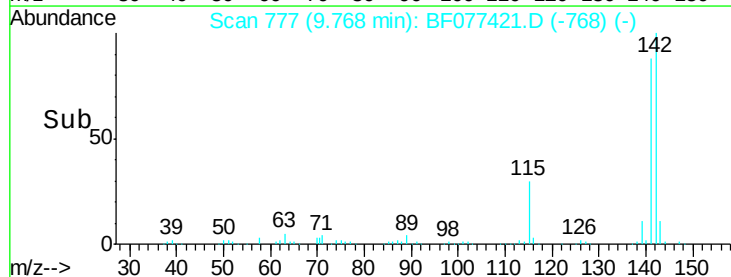
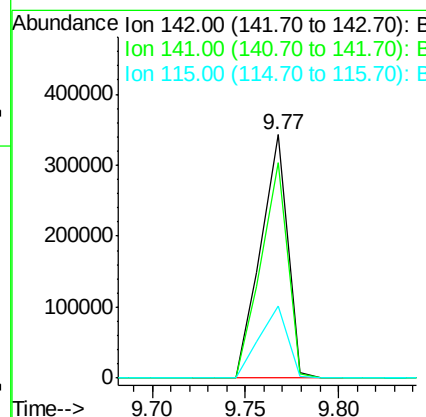
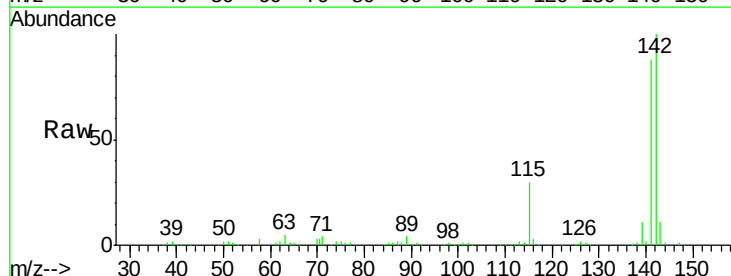
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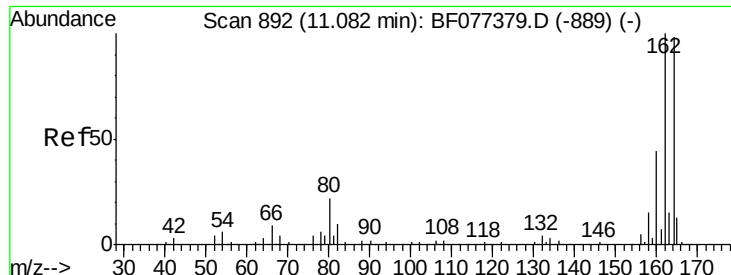
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#37
 2-Methylnaphthalene
 Concen: 32.89 ng
 RT: 9.77 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	342817		
141	88.2	70.7	106.1	
115	29.7	24.2	36.4	





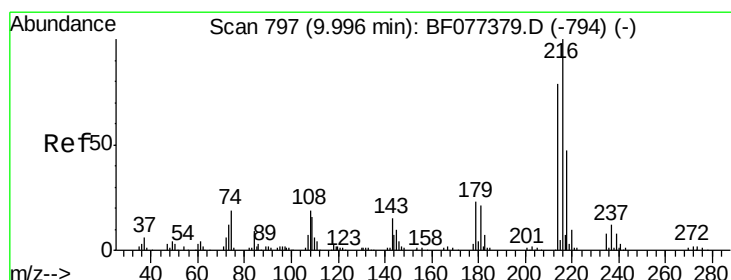
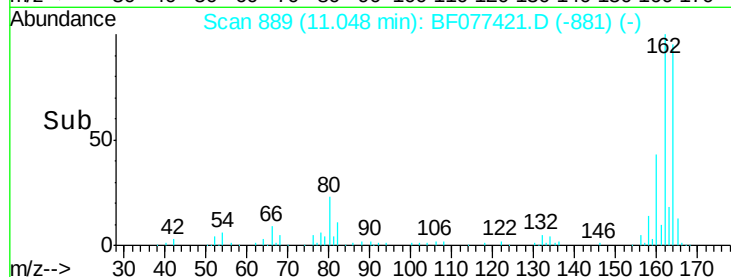
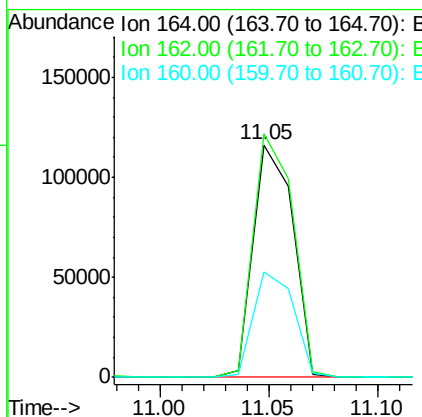
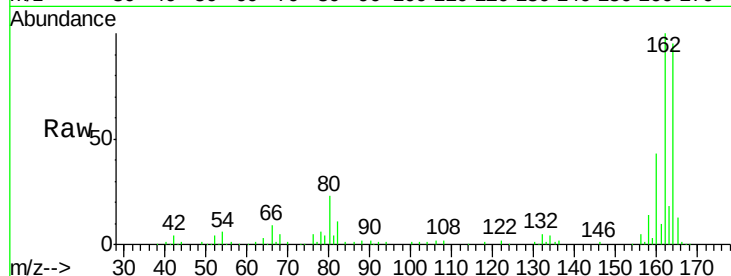
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148269		
162	104.9	83.2	124.8	
160	45.1	34.6	52.0	

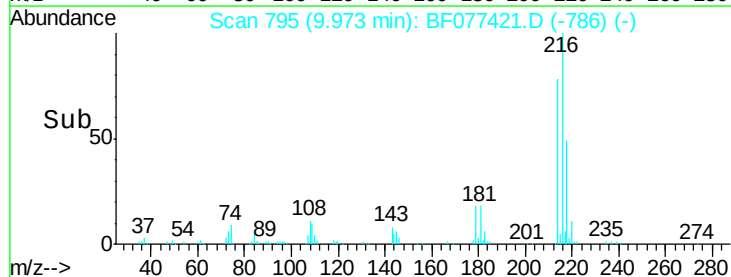
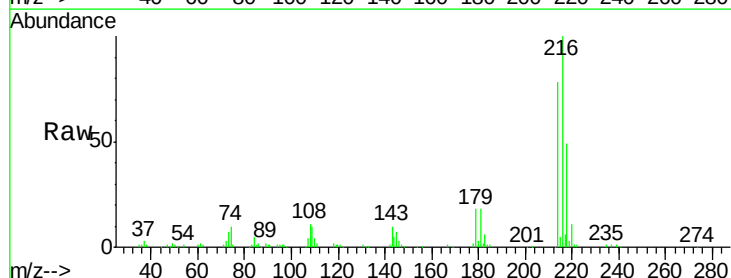
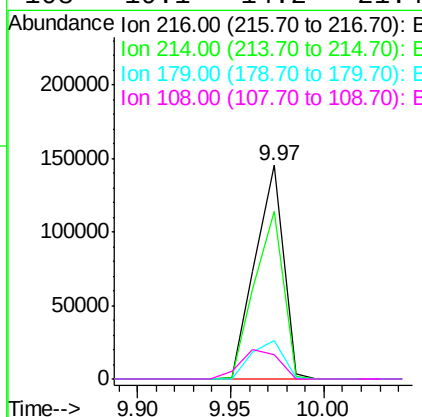
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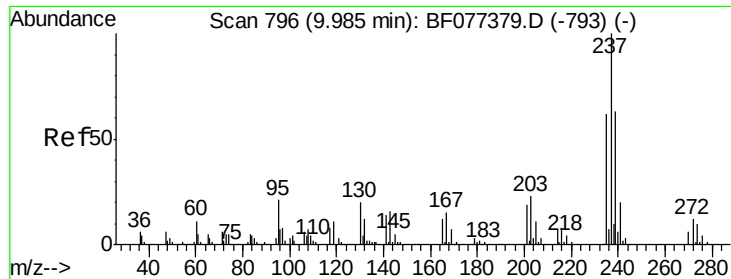
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.86 ng
RT: 9.97 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	152554		
214	79.7	63.4	95.0	
179	20.4	16.6	25.0	
108	19.1	14.2	21.4	





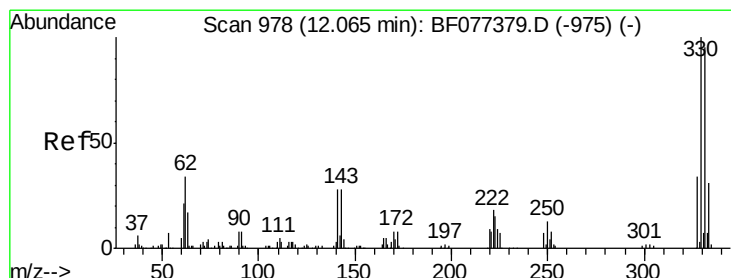
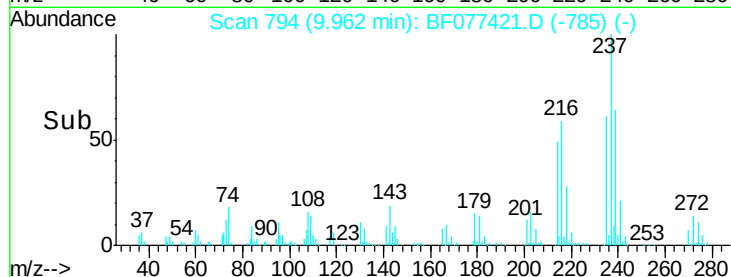
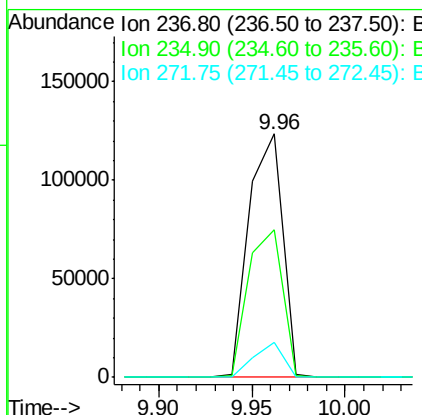
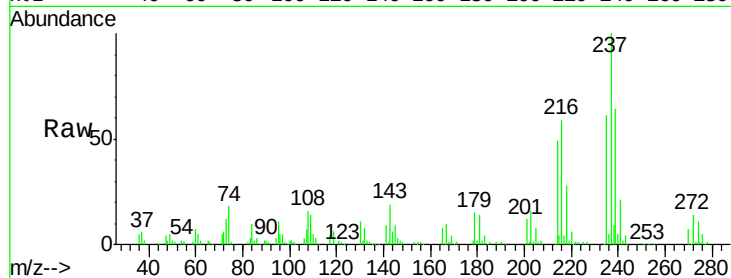
#40
Hexachlorocyclopentadiene
Concen: 68.04 ng
RT: 9.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.6	41.0	81.0
272	14.5	0.0	34.3

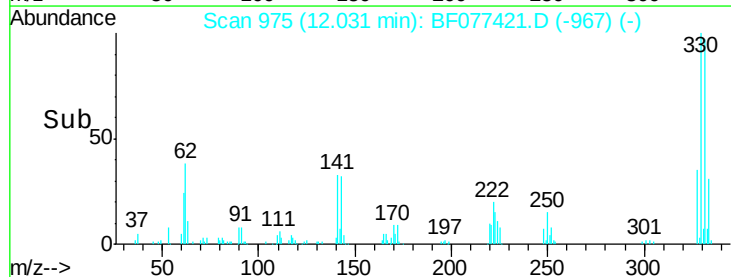
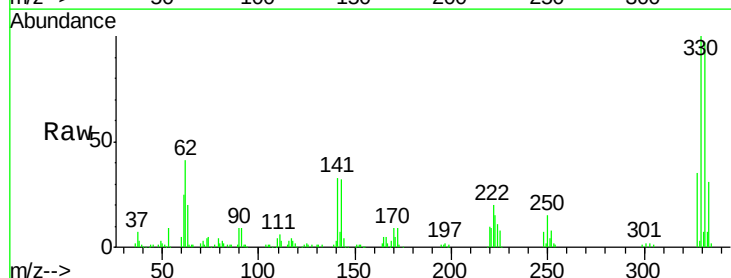
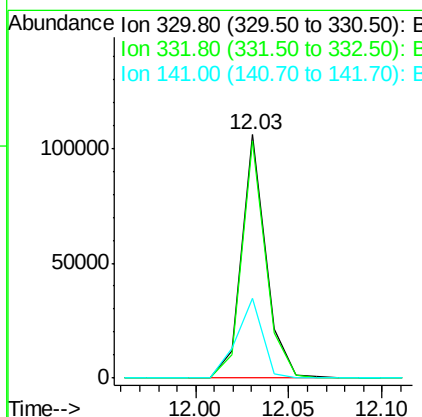
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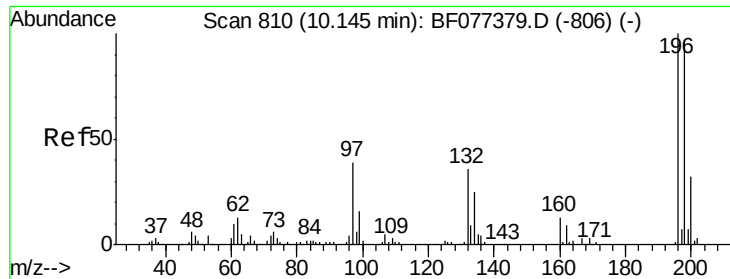
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#41
2,4,6-Tribromophenol
Concen: 67.53 ng
RT: 12.03 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.6	77.4	116.2
141	35.3	28.8	43.2





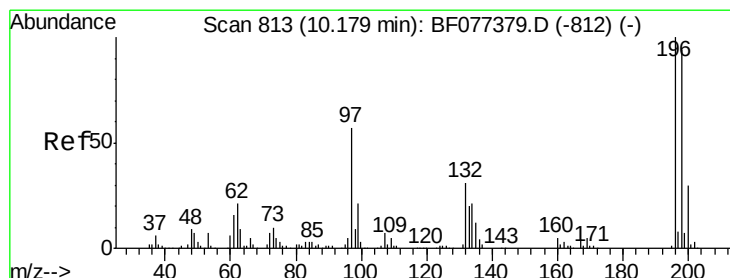
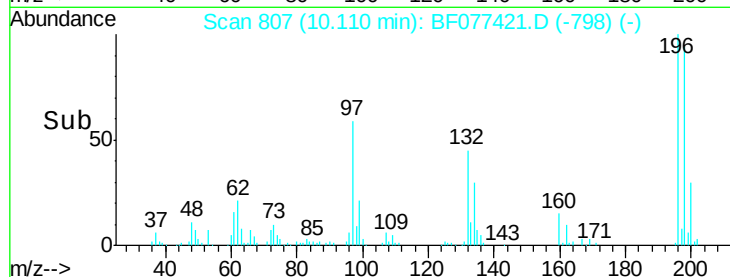
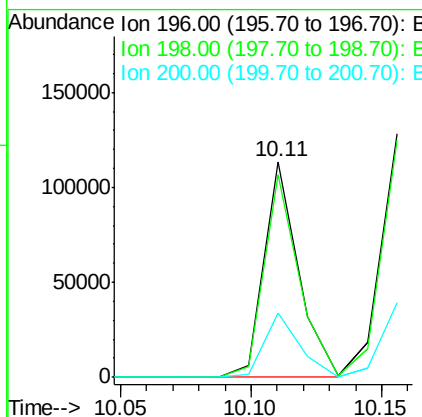
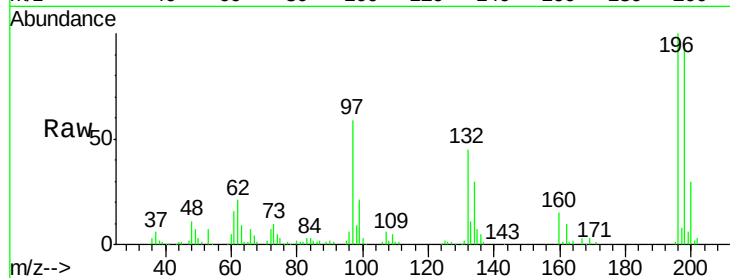
#42
 2,4,6-Trichlorophenol
 Concen: 37.17 ng
 RT: 10.11 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	104720		
198	94.0	75.8	113.8	
200	30.0	24.2	36.4	

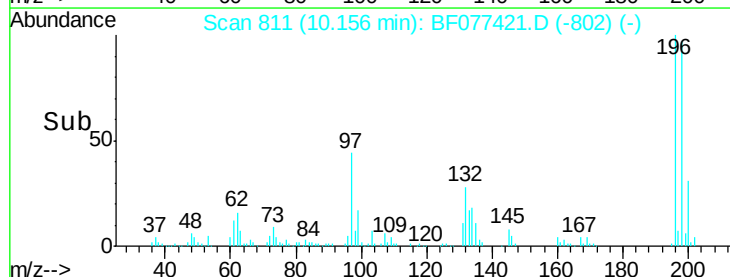
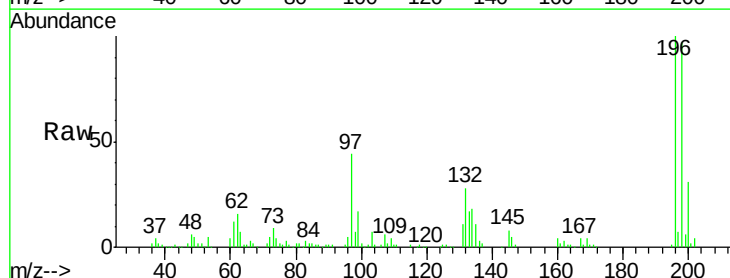
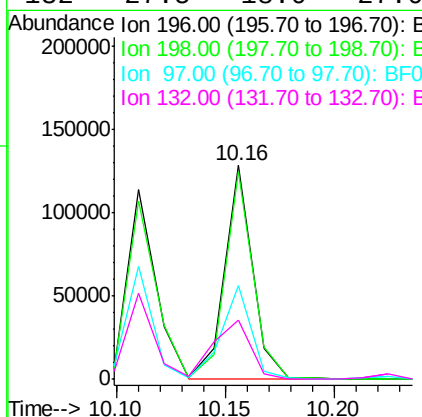
Manual Integrations
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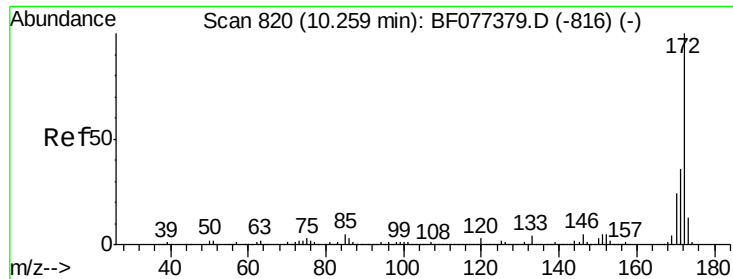
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#43
 2,4,5-Trichlorophenol
 Concen: 37.60 ng
 RT: 10.16 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

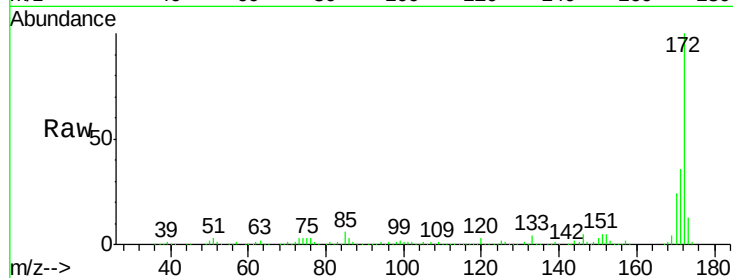
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113278		
198	97.2	77.2	115.8	
97	43.6	27.7	41.5#	
132	27.5	18.0	27.0#	





#44
2-Fluorobiphenyl
Concen: 64.58 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

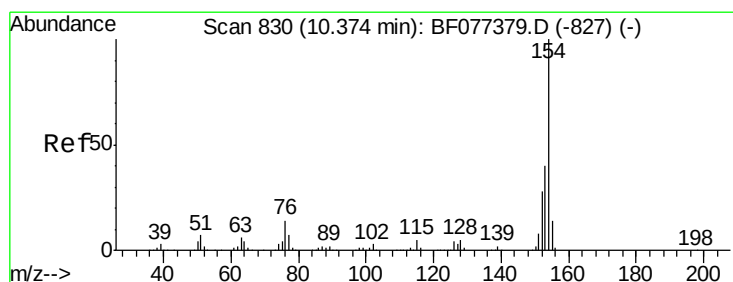
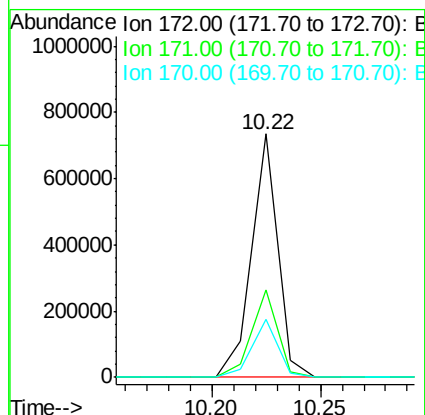
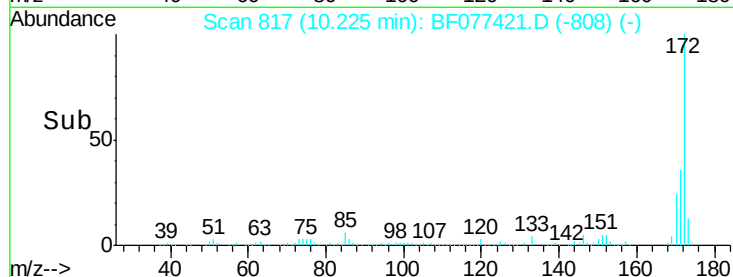
Instrument :
BNA_F
ClientSampled :
PB81861BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.1	28.9	43.3
170	23.7	19.4	29.2

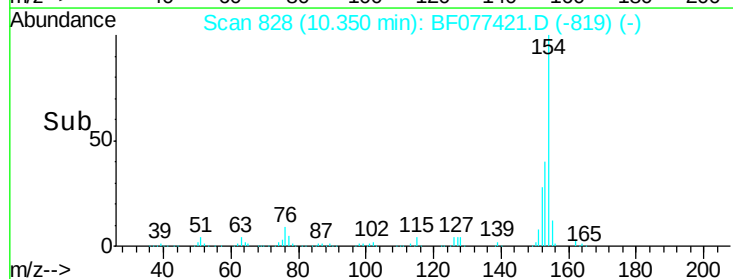
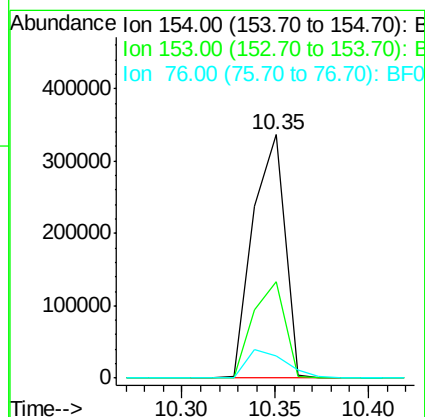
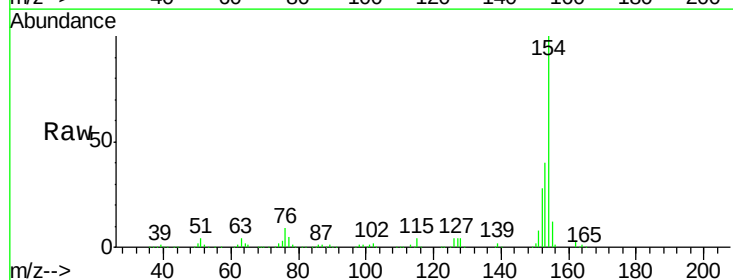
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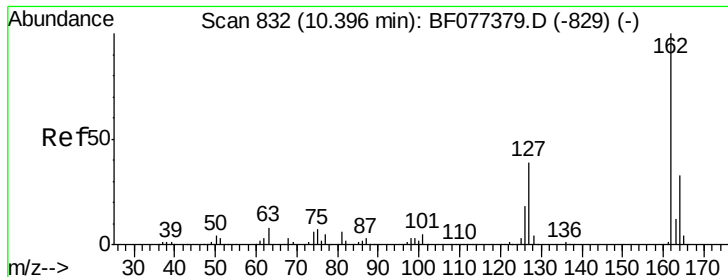
apatel
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#45
1,1'-Biphenyl
Concen: 35.43 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.7	20.2	60.2
76	9.0	0.0	29.4





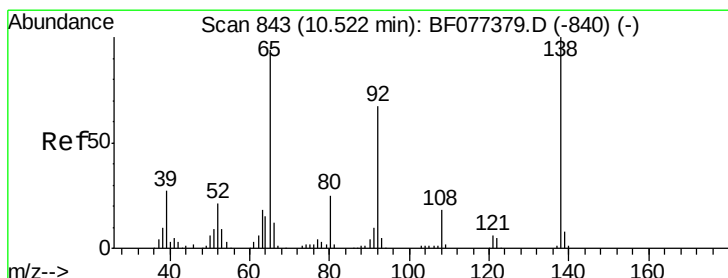
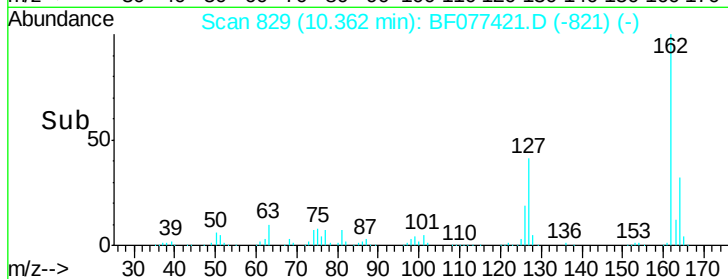
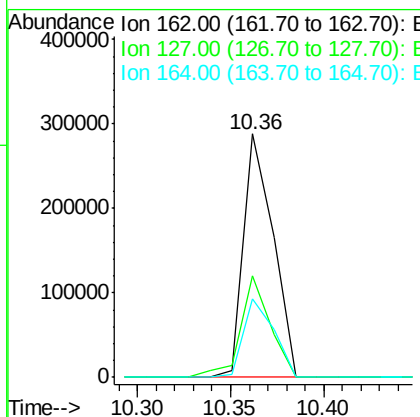
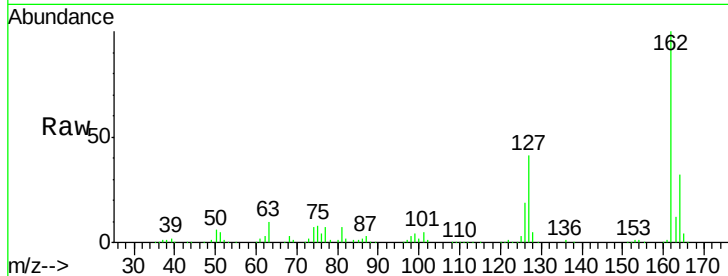
#46
 2-Chloronaphthalene
 Concen: 36.09 ng
 RT: 10.36 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	317990		
127	41.5	33.3	49.9	
164	32.5	26.2	39.4	

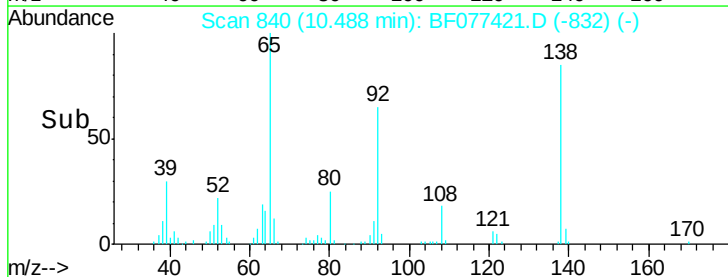
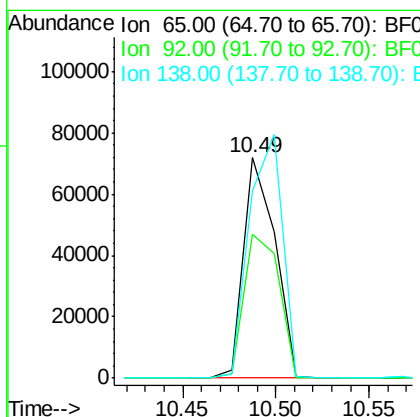
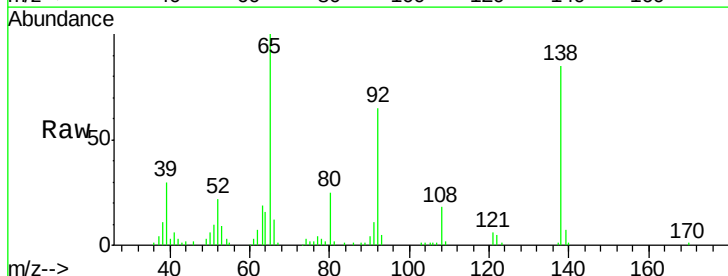
Manual Integrations
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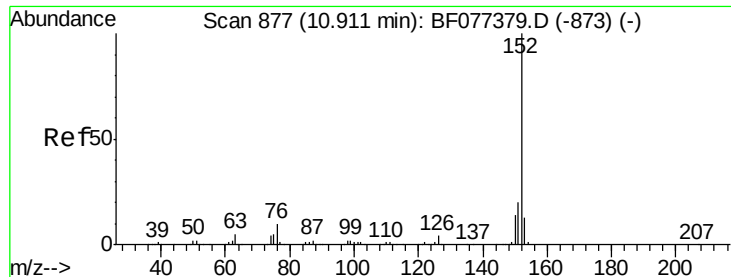
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#47
 2-Nitroaniline
 Concen: 38.72 ng
 RT: 10.49 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	83965		
92	65.2	52.4	78.6	
138	85.1	73.4	110.0	





#48

Acenaphthylene

Concen: 36.98 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF077421.D

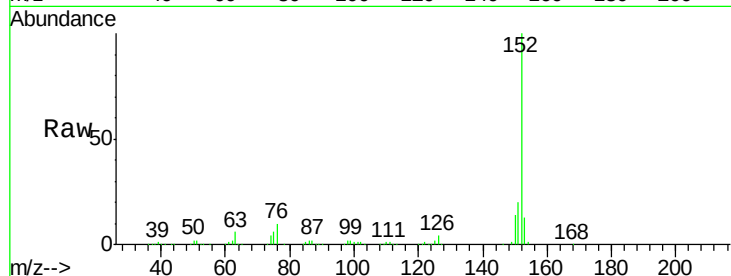
Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

ClientSampleId :

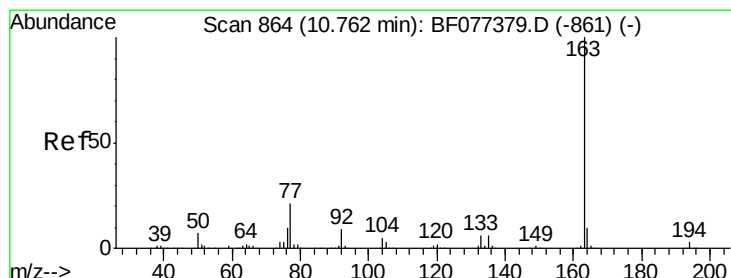
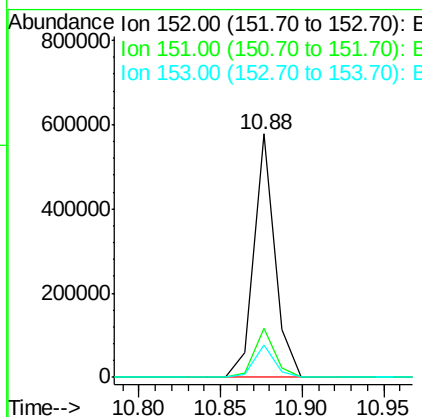
PB81861BS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	515748		
151	20.1	16.1	24.1	
153	13.2	10.9	16.3	

Manual Integrations
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#49

Dimethylphthalate

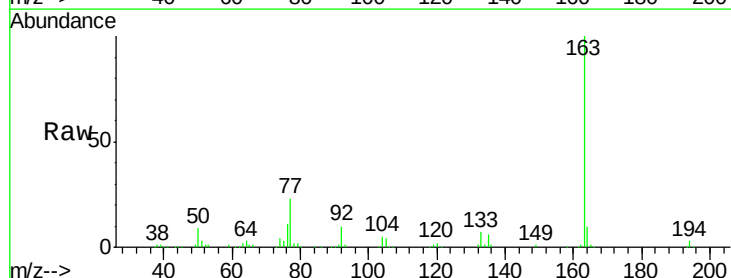
Concen: 34.34 ng

RT: 10.73 min Scan# 861

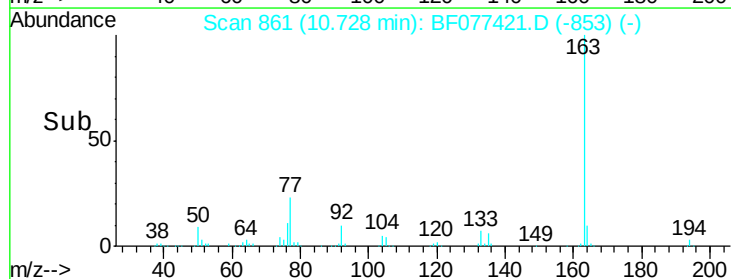
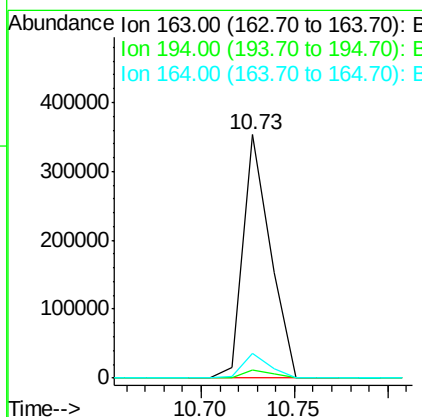
Delta R.T. -0.01 min

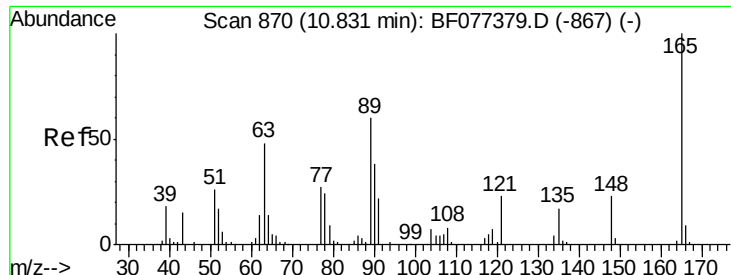
Lab File: BF077421.D

Acq: 24 Feb 2015 17:53



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	357928		
194	3.4	2.6	4.0	
164	10.4	8.6	13.0	





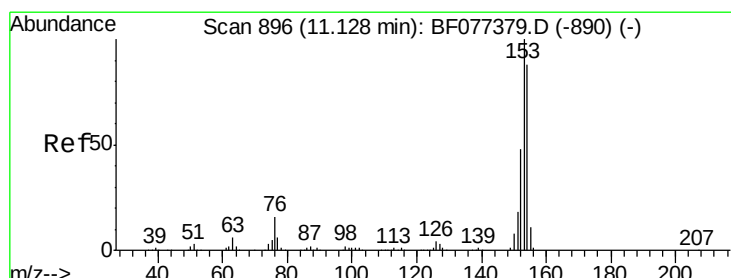
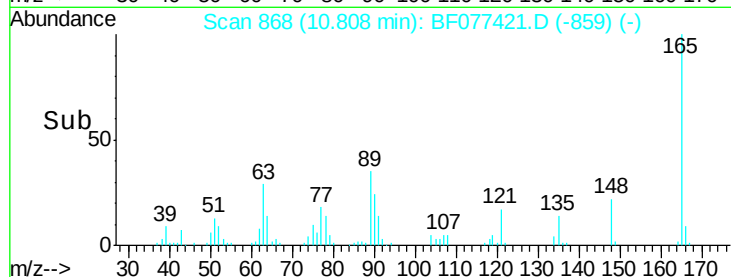
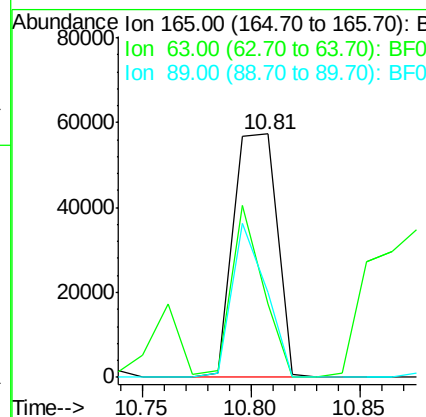
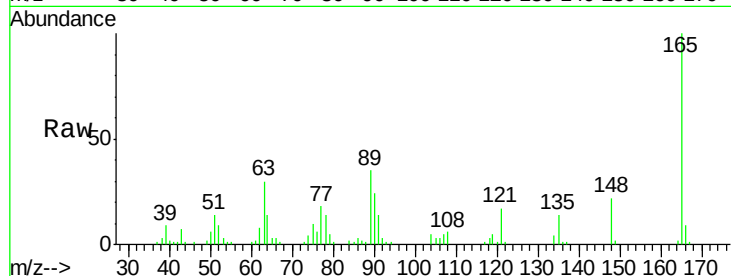
#50
2,6-Dinitrotoluene
Concen: 38.02 ng
RT: 10.81 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79470		
63	30.2	25.2	37.8	
89	34.8	30.5	45.7	

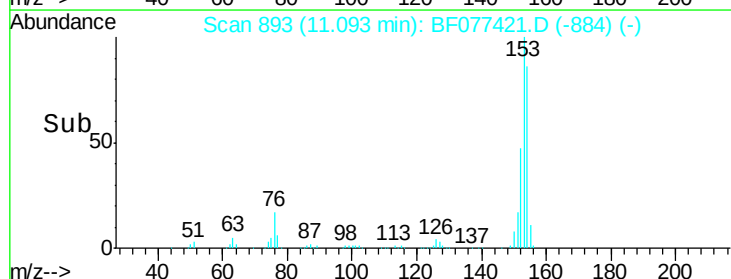
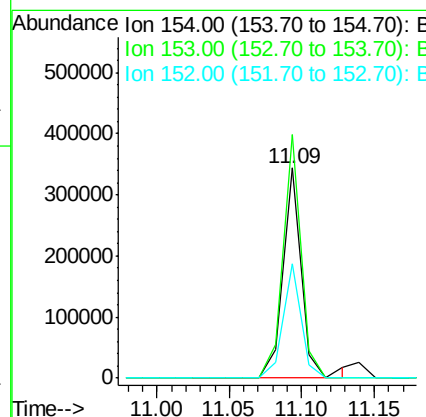
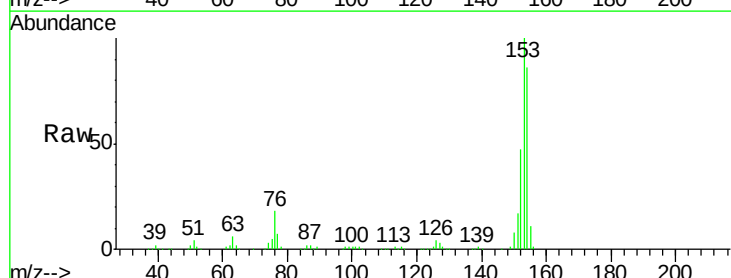
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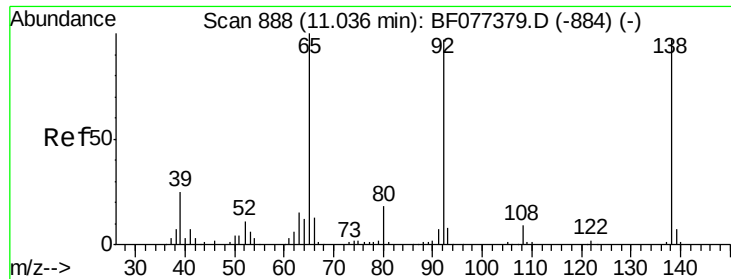
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#51
Acenaphthene
Concen: 37.15 ng
RT: 11.09 min Scan# 893
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	309182		
153	115.8	90.5	135.7	
152	54.2	43.5	65.3	





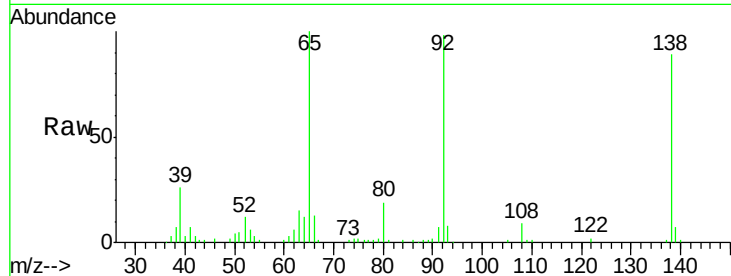
#52
3-Nitroaniline
Concen: 30.21 ng
RT: 11.00 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

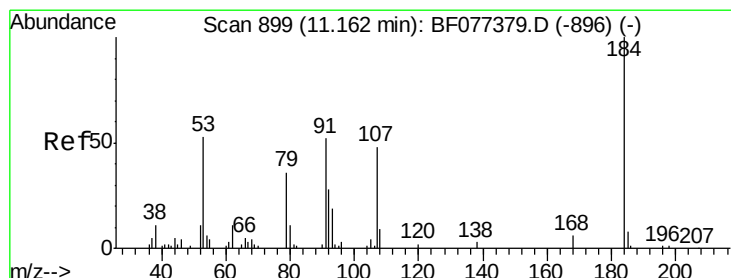
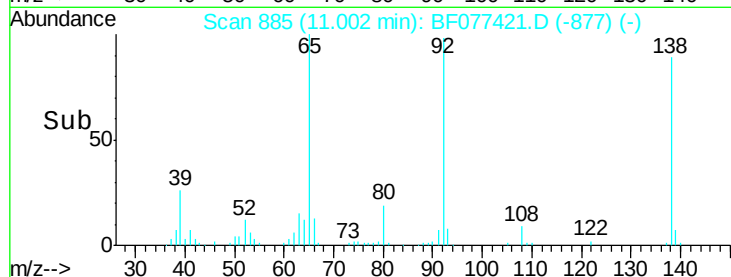
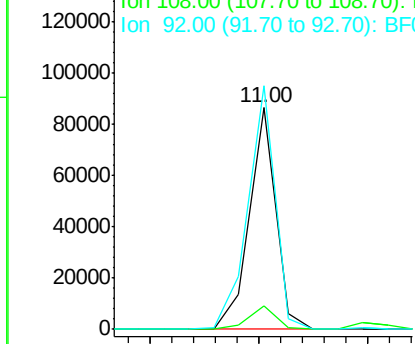
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	110.0	90.6	135.8

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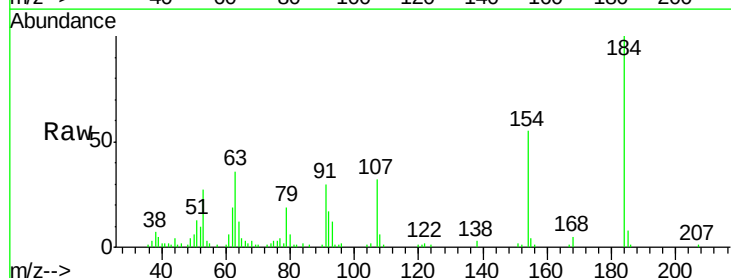


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E

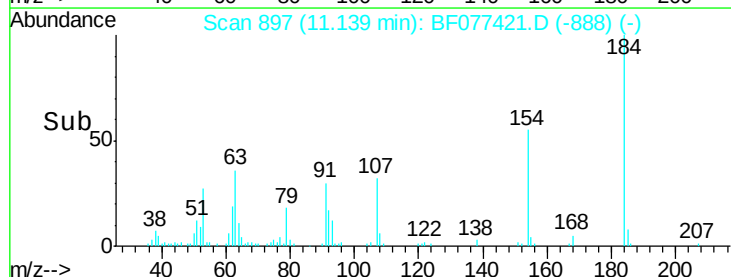
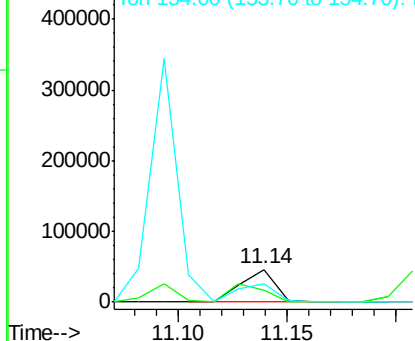


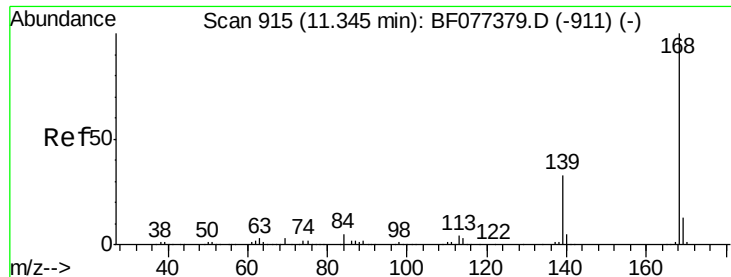
#53
2,4-Dinitrophenol
Concen: 78.80 ng
RT: 11.14 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.7	29.5	44.3
154	54.7	43.2	64.8



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





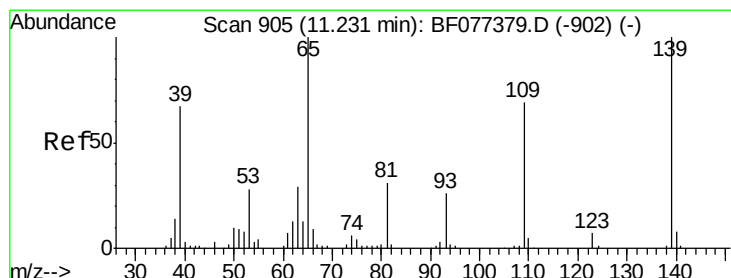
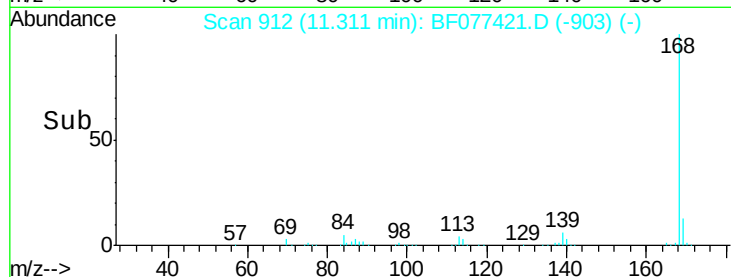
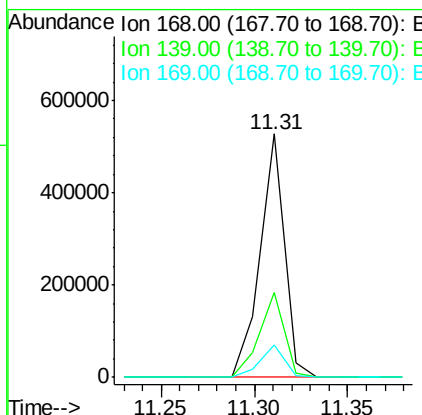
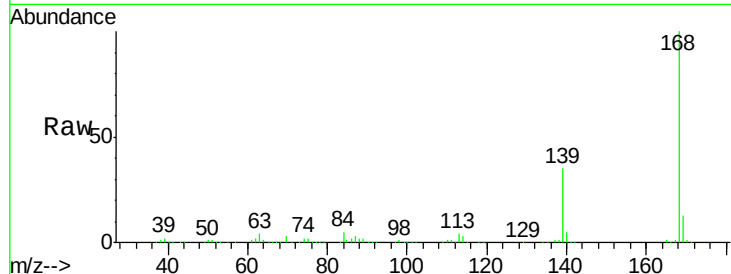
#54
Dibenzofuran
Concen: 36.85 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	473569		
139	35.1	29.3	43.9	
169	13.3	10.9	16.3	

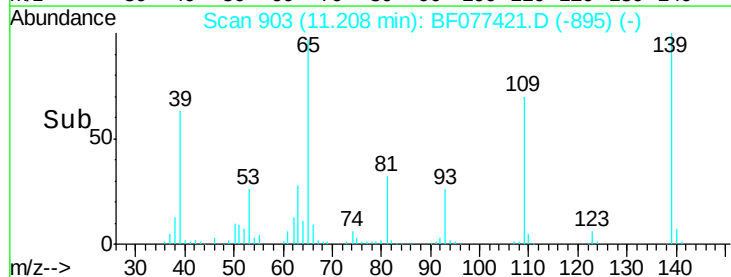
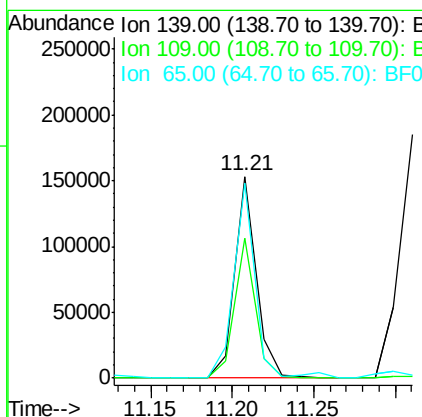
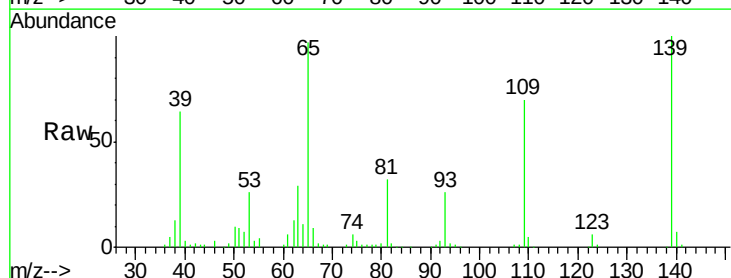
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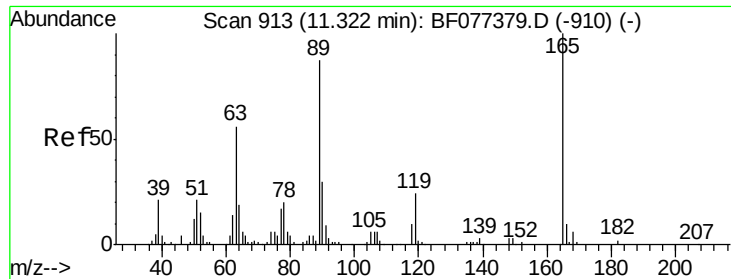
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#55
4-Nitrophenol
Concen: 71.81 ng
RT: 11.21 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

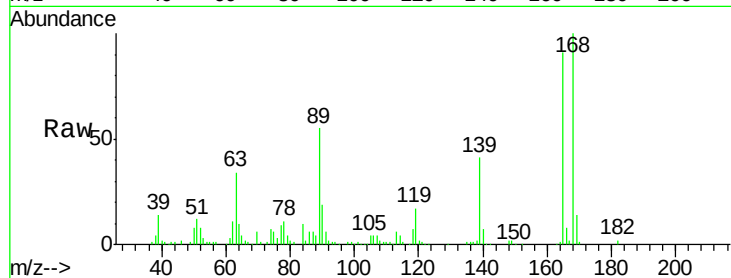
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	139189		
109	69.7	36.2	76.2	
65	97.0	40.3	80.3	





#56
2,4-Dinitrotoluene
Concen: 39.41 ng
RT: 11.30 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

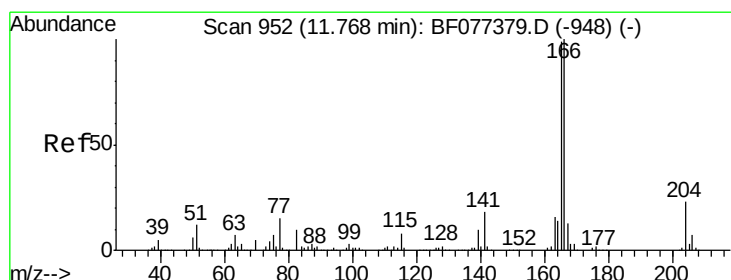
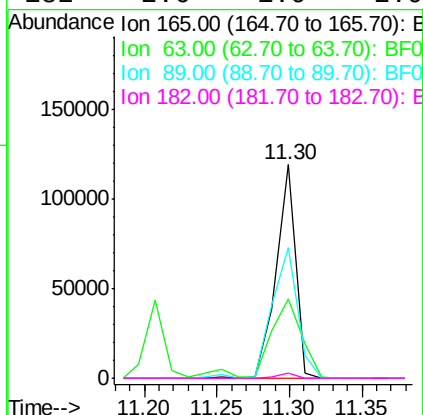
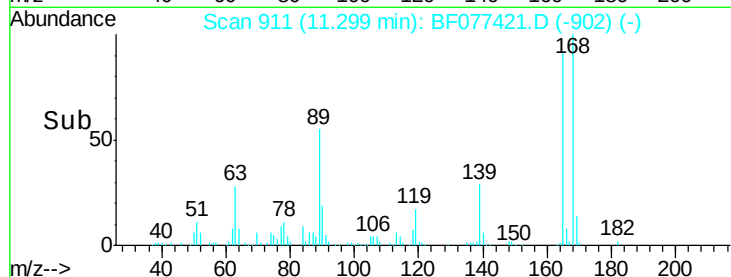
Instrument :
BNA_F
ClientSampleId :
PB81861BS



Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	37.1	29.8	44.8
89	60.9	48.5	72.7
182	2.6	1.9	2.9

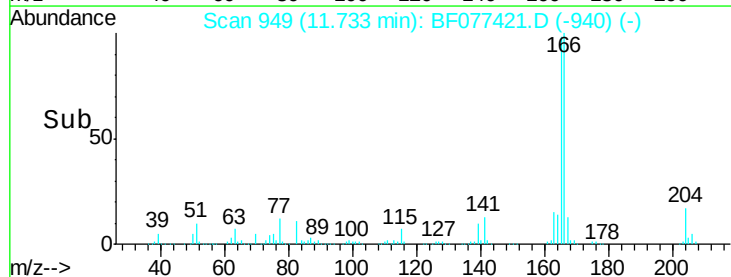
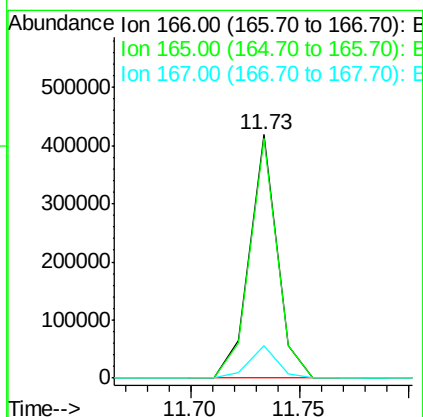
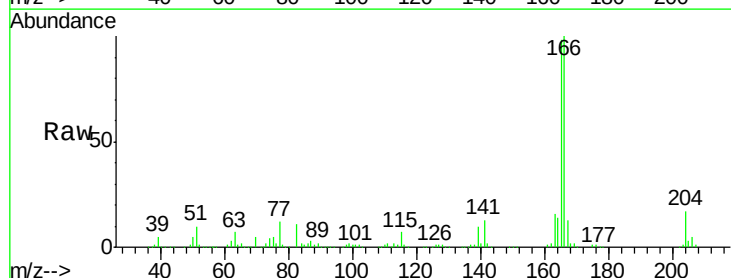
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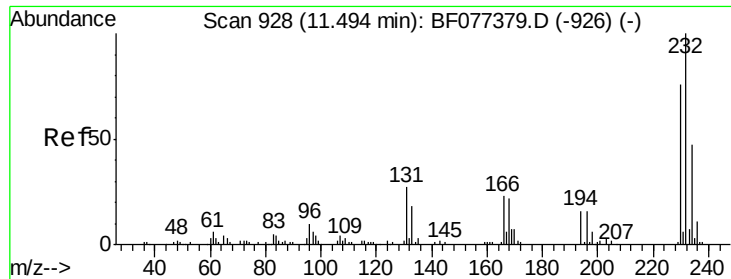
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#57
Fluorene
Concen: 36.00 ng
RT: 11.73 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

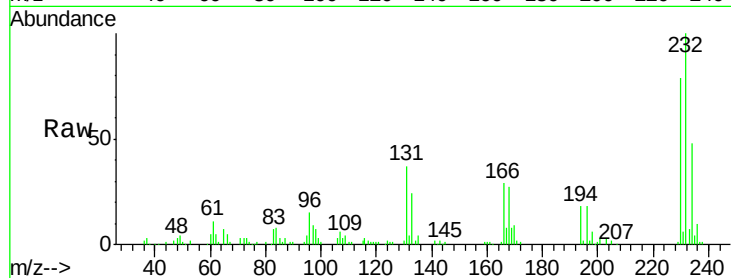
Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	98.4	77.6	116.4
167	13.3	10.6	16.0





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.33 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

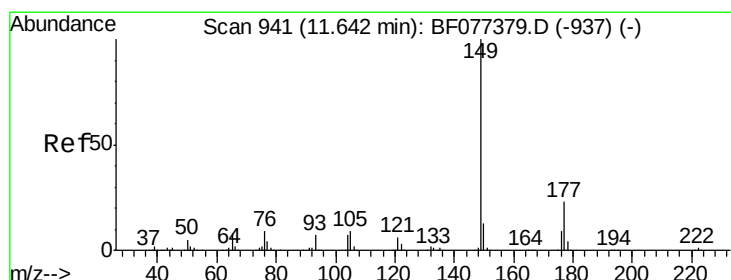
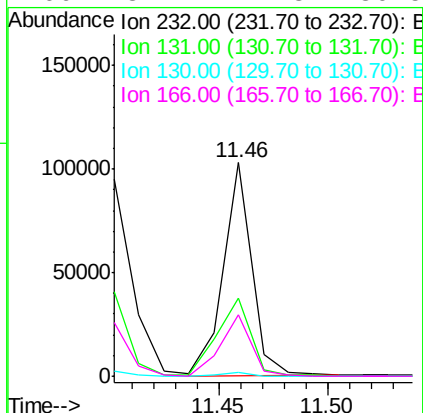
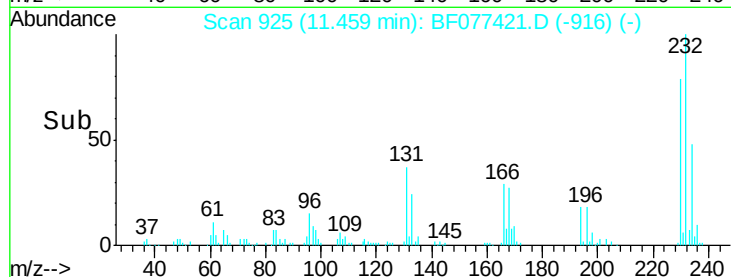
Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	92835		
131	44.0		34.2	51.2
130	1.9		1.8	2.6
166	31.4		24.3	36.5

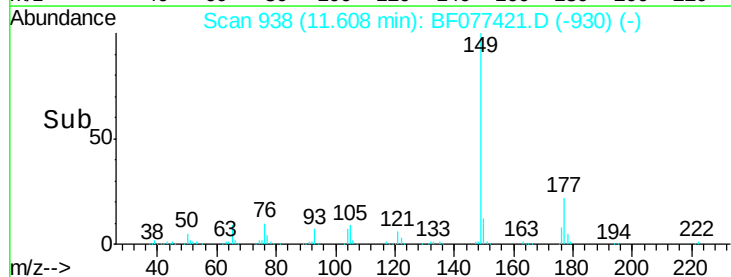
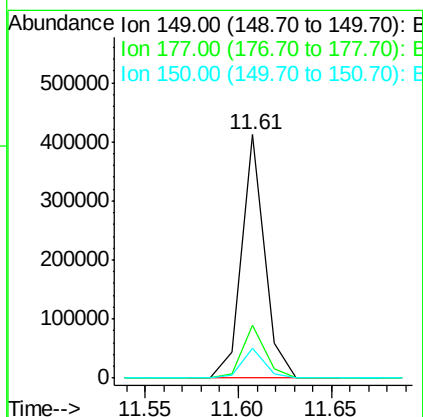
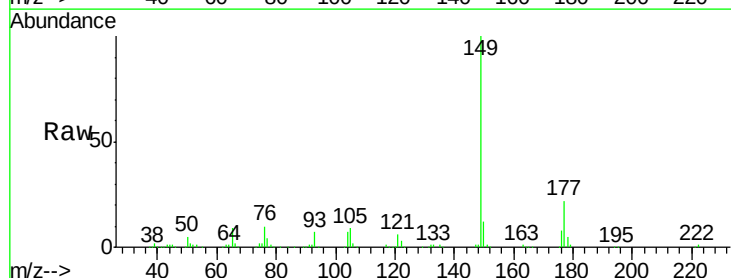
Manual Integrations
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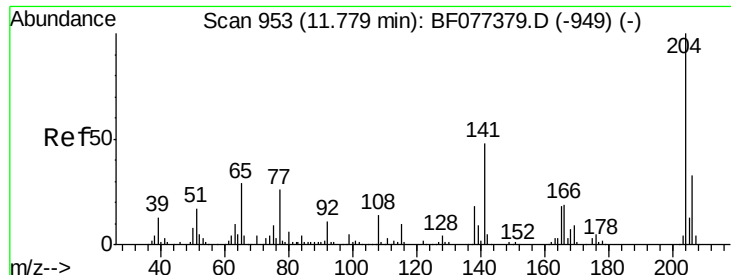
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#59
 Diethylphthalate
 Concen: 34.42 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	353663		
177	21.9		17.2	25.8
150	12.3		10.5	15.7





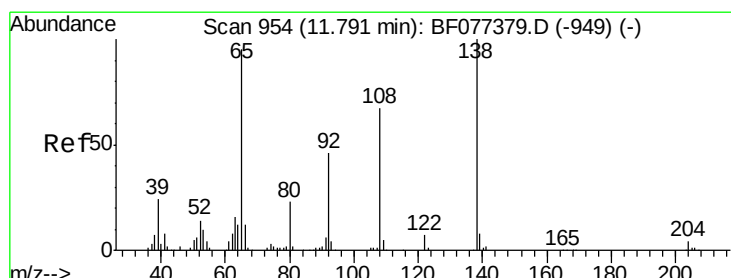
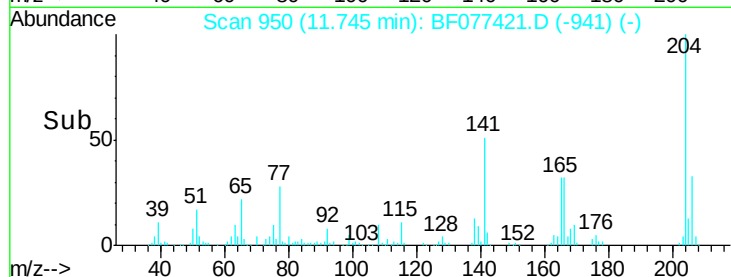
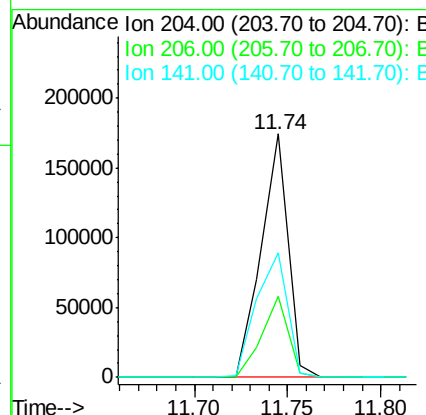
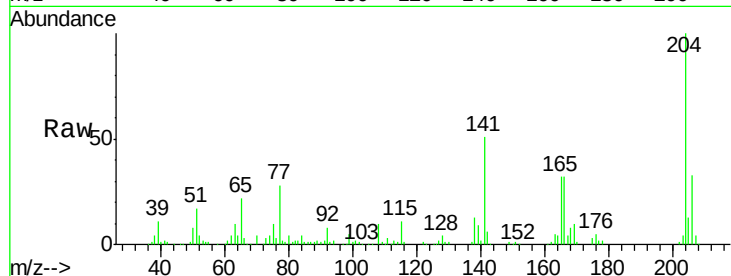
#60
 4-Chlorophenyl-phenylether
 Concen: 35.24 ng
 RT: 11.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion:	204	Resp:	174425
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.9	38.9
141	51.0	43.6	65.4

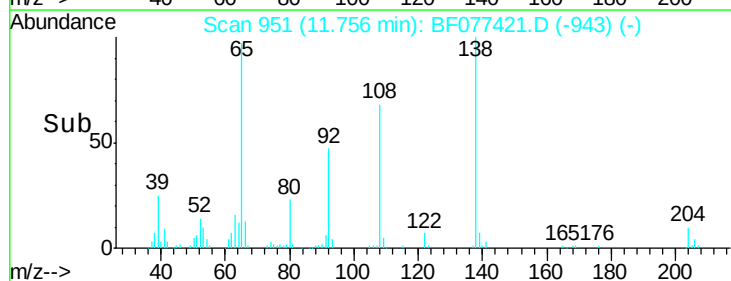
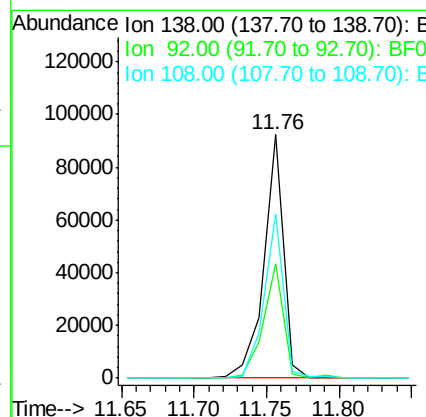
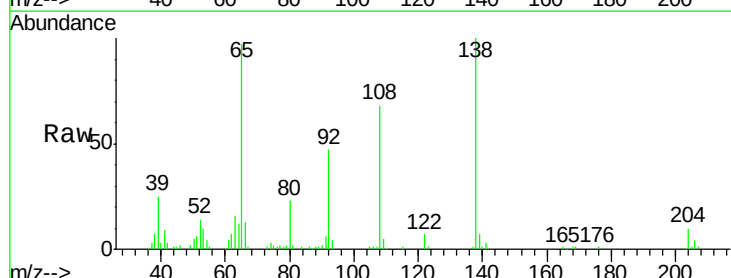
Manual Integrations
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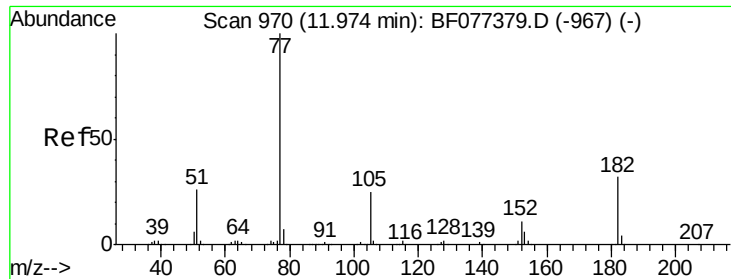
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#61
 4-Nitroaniline
 Concen: 37.63 ng
 RT: 11.76 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion:	138	Resp:	86915
Ion Ratio	Lower	Upper	
138	100		
92	47.1	32.8	72.8
108	67.7	52.1	92.1





#62

Azobenzene

Concen: 35.21 ng

RT: 11.94 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

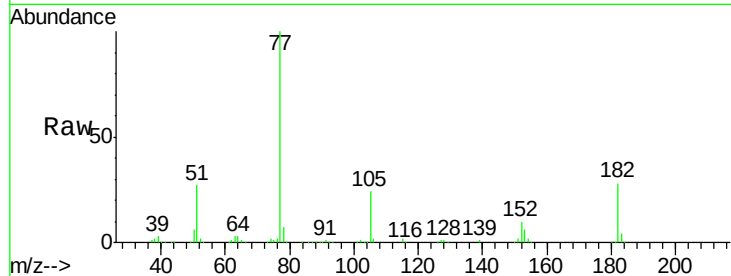
ClientSampleId :

PB81861BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		343228		
182	28.4	4.9	44.9		
105	24.4	3.3	43.3		
51	27.2	8.9	48.9		

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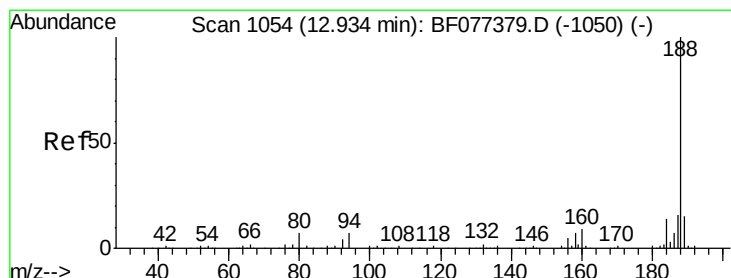
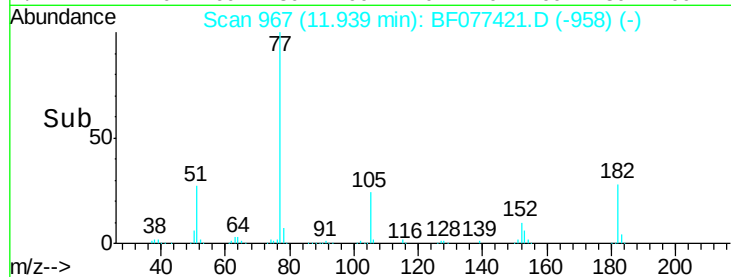
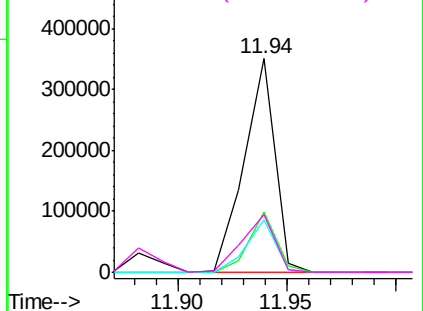


Abundance Ion 77.00 (76.70 to 77.70): BF077379.D (-967) (-)

Ion 182.00 (181.70 to 182.70): BF077379.D (-967) (-)

Ion 105.00 (104.70 to 105.70): BF077379.D (-967) (-)

Ion 51.00 (50.70 to 51.70): BF077379.D (-967) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

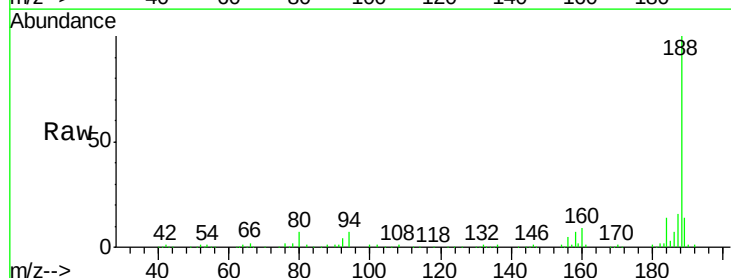
RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

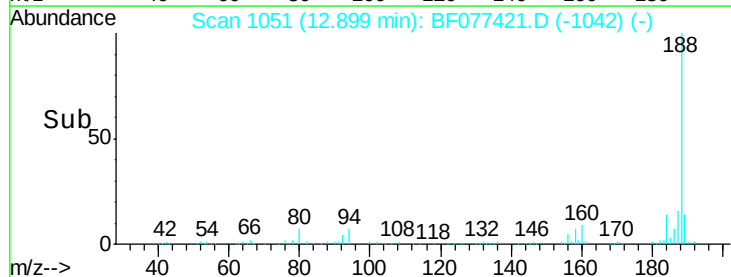
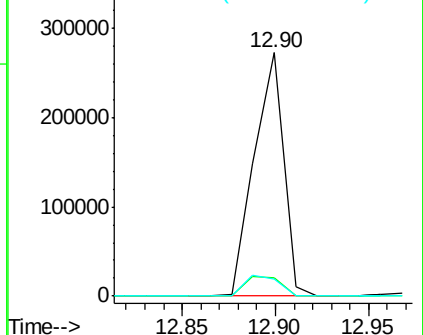
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		298218		
94	7.4	7.4	11.2#		
80	7.1	8.0	12.0#		

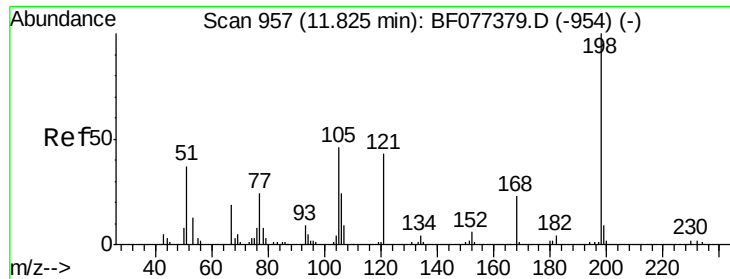


Abundance Ion 188.00 (187.70 to 188.70): BF077379.D (-1050) (-)

Ion 94.00 (93.70 to 94.70): BF077379.D (-1050) (-)

Ion 80.00 (79.70 to 80.70): BF077379.D (-1050) (-)





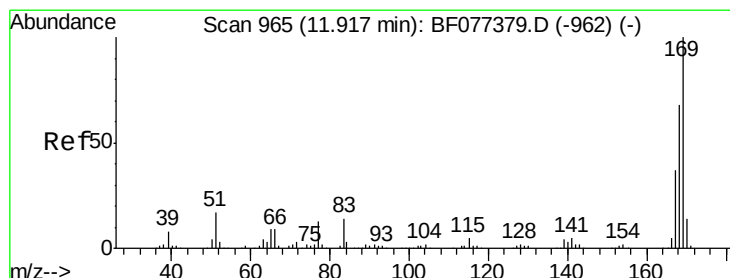
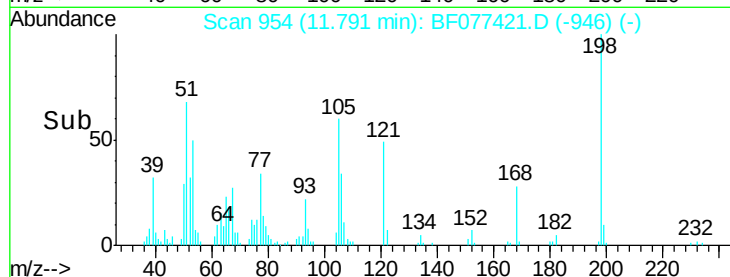
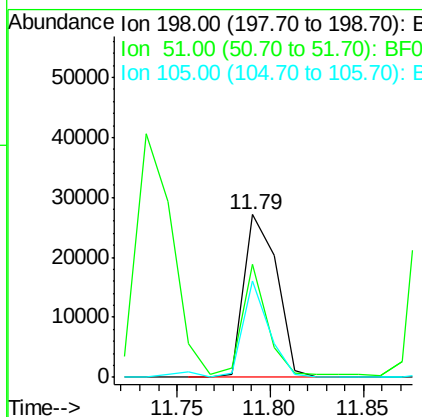
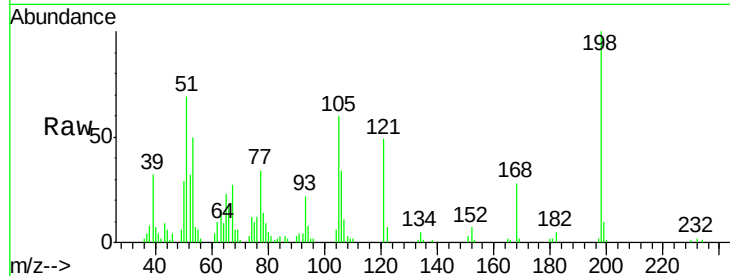
#64
4,6-Dinitro-2-methylphenol
Concen: 29.93 ng
RT: 11.79 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampled :
PB81861BS

Tgt Ion:198 Resp: 33808
Ion Ratio Lower Upper
198 100
51 69.1 2.7 42.7#
105 59.5 10.0 50.0#

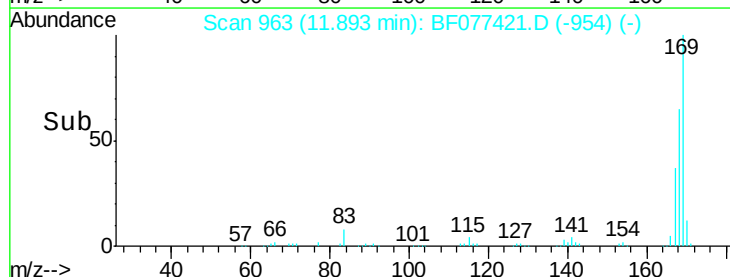
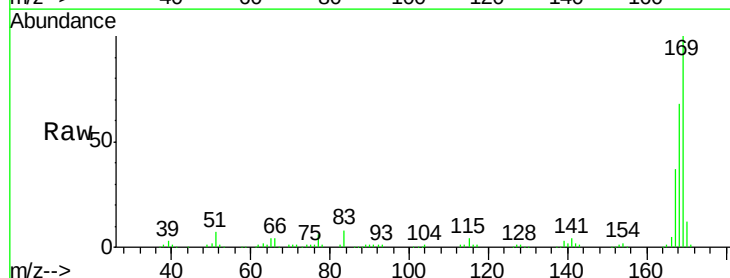
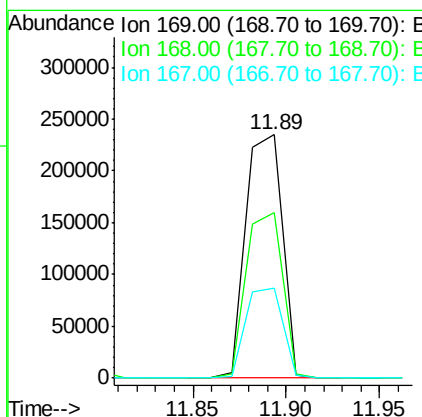
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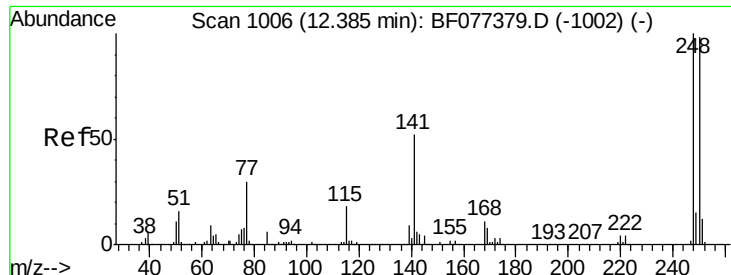
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#65
n-Nitrosodiphenylamine
Concen: 32.24 ng
RT: 11.89 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion:169 Resp: 318992
Ion Ratio Lower Upper
169 100
168 68.0 53.0 79.6
167 36.7 29.5 44.3





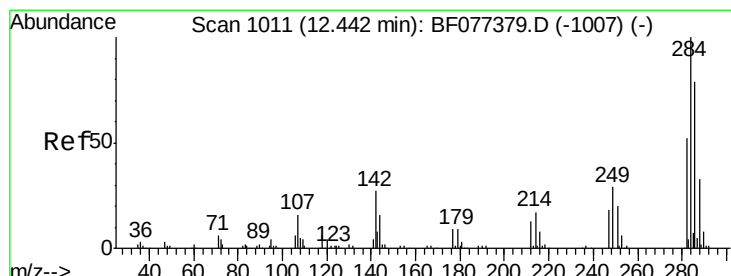
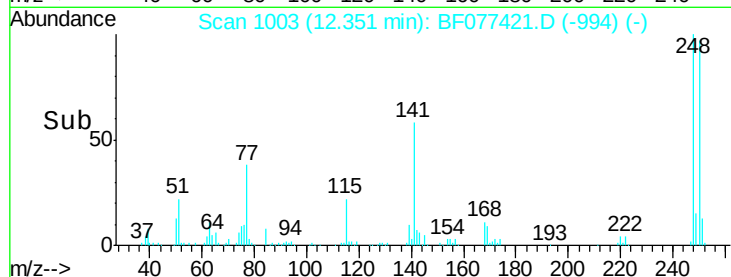
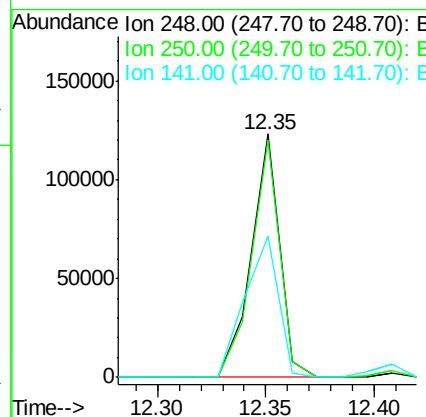
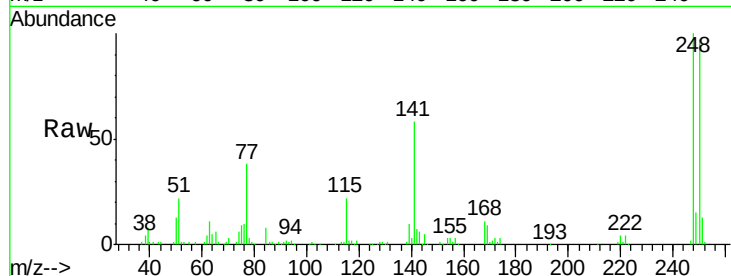
#66
4-Bromophenyl-phenylether
Concen: 31.74 ng
RT: 12.35 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	110855		
250	97.4	78.0	117.0	
141	58.0	54.1	81.1	

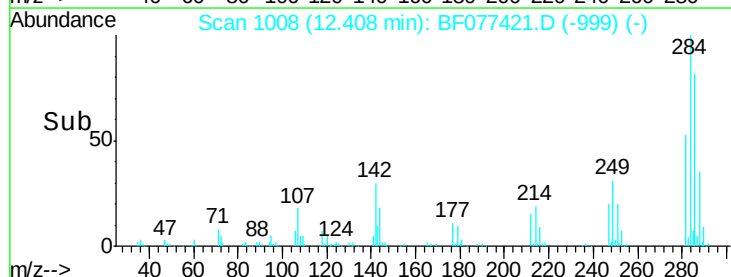
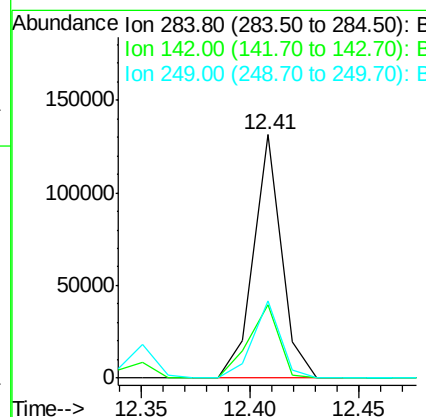
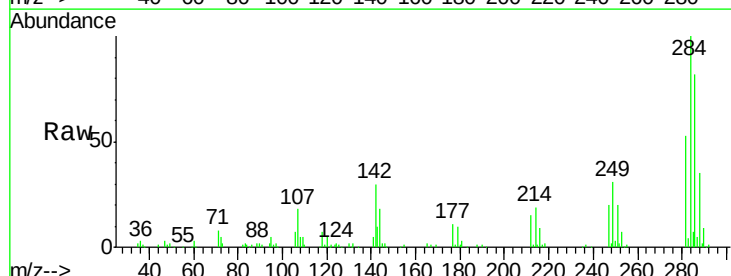
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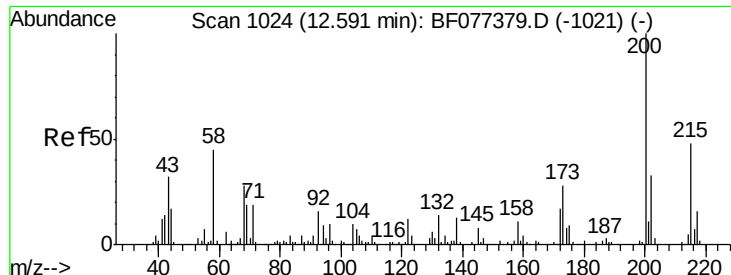
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#67
Hexachlorobenzene
Concen: 31.38 ng
RT: 12.41 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	117607		
142	30.2	31.6	47.4#	
249	31.5	27.0	40.4	





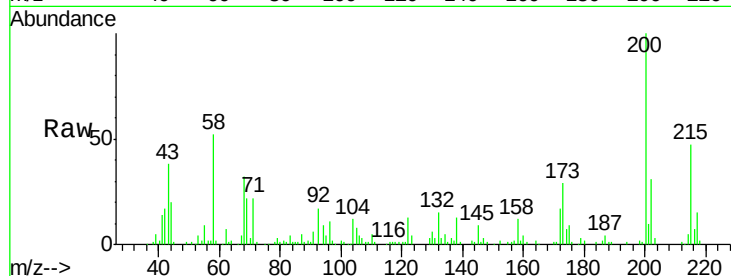
#68
 Atrazine
 Concen: 31.04 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleID :
 PB81861BS

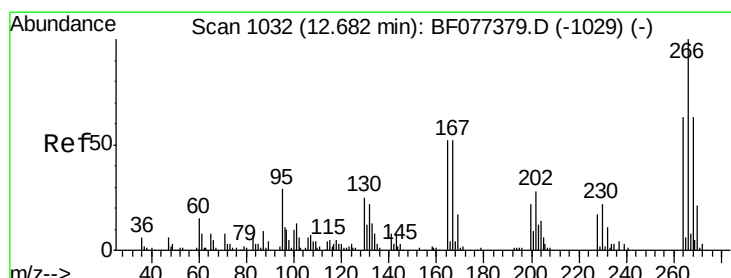
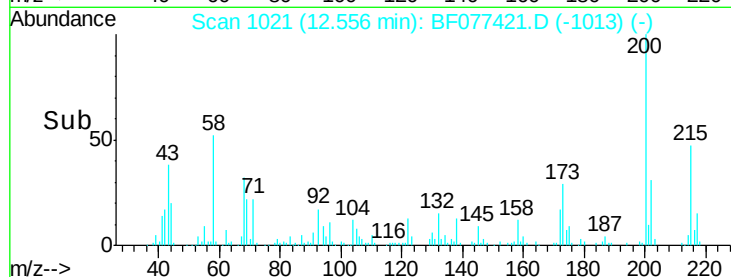
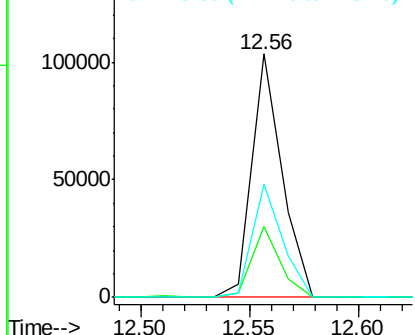
Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	9.6	49.6
215	46.5	24.4	64.4

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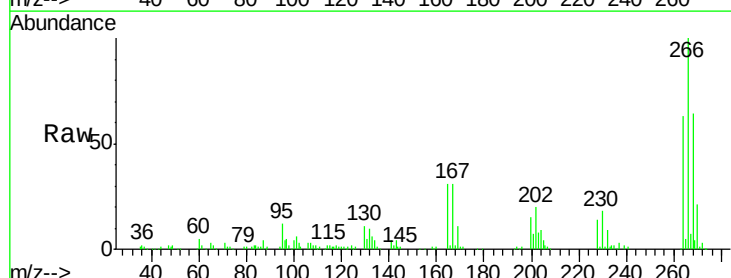


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

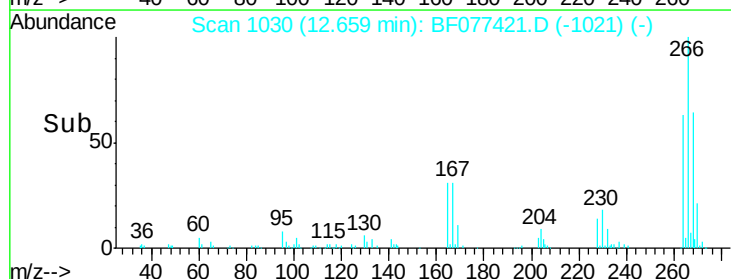
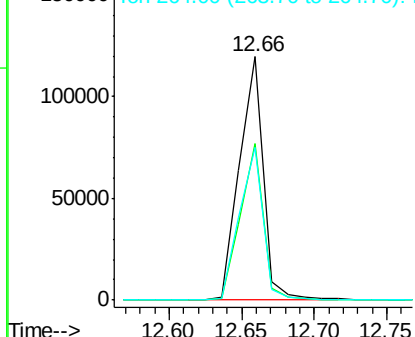


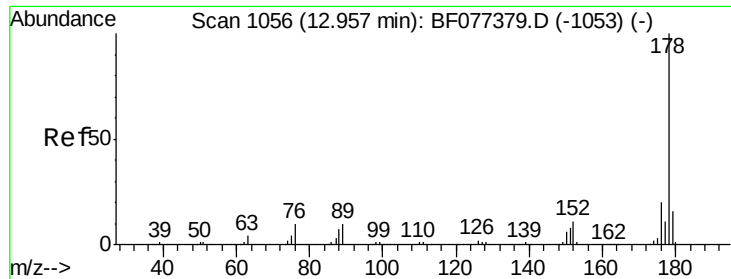
#69
 Pentachlorophenol
 Concen: 69.33 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.2	76.8
264	62.8	50.7	76.1



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





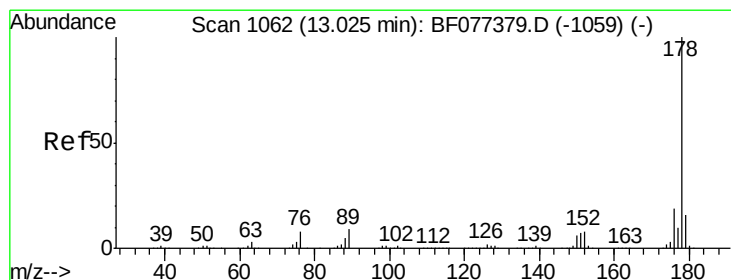
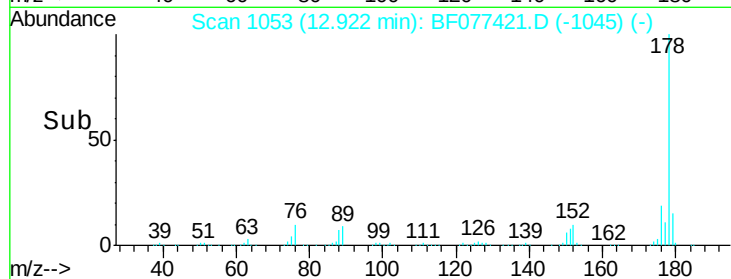
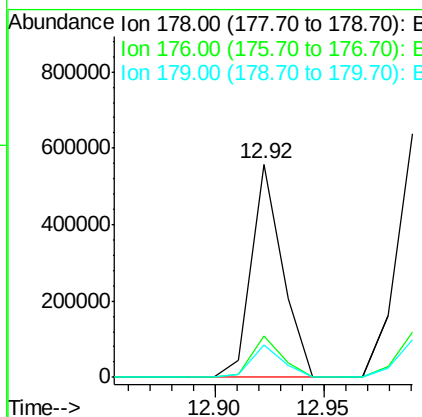
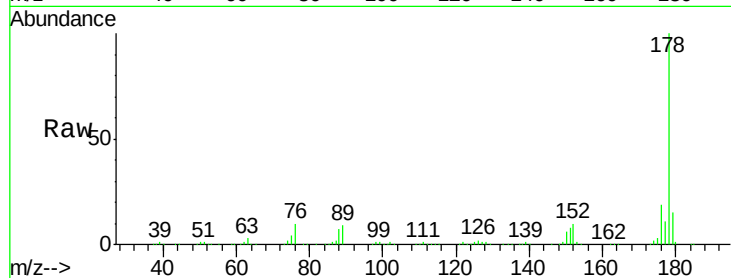
#70
Phenanthrene
Concen: 32.05 ng
RT: 12.92 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.4	12.2	18.2

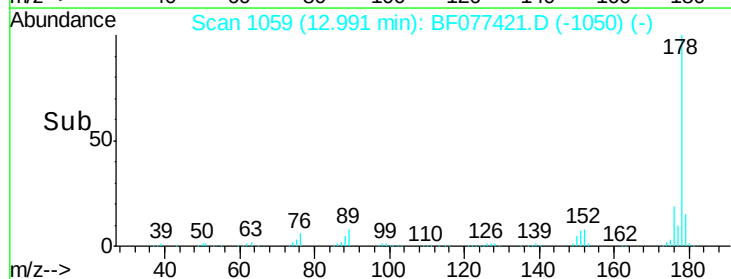
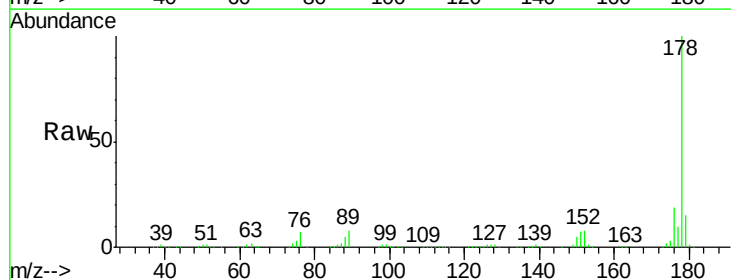
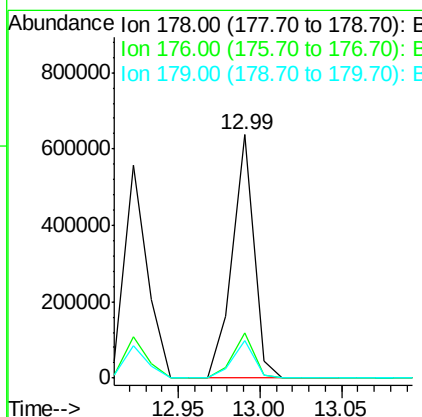
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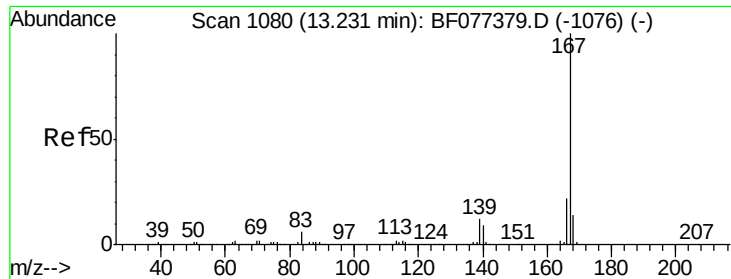
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#71
Anthracene
Concen: 33.85 ng
RT: 12.99 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.5	12.9	19.3





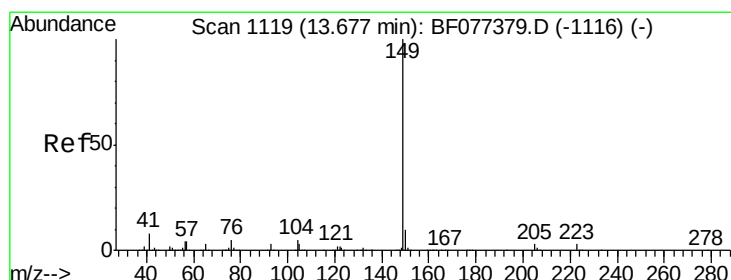
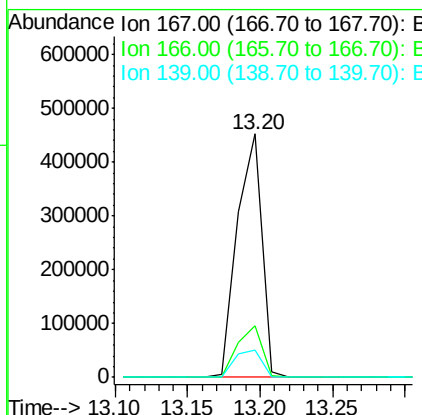
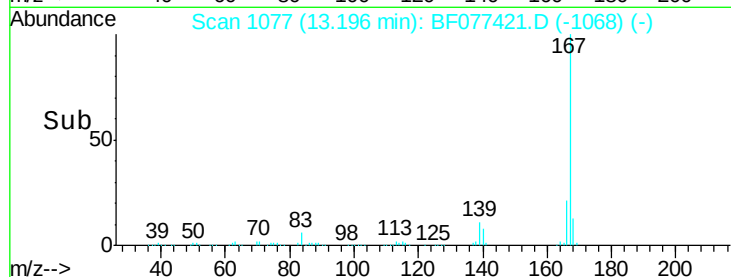
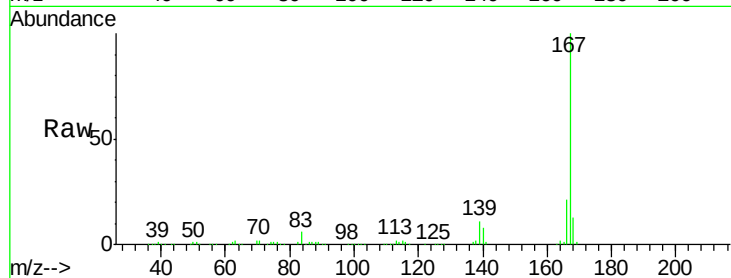
#72
 Carbazole
 Concen: 32.74 ng
 RT: 13.20 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.6	26.4
139	11.3	9.9	14.9

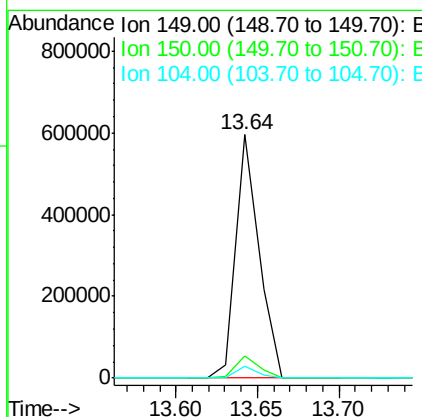
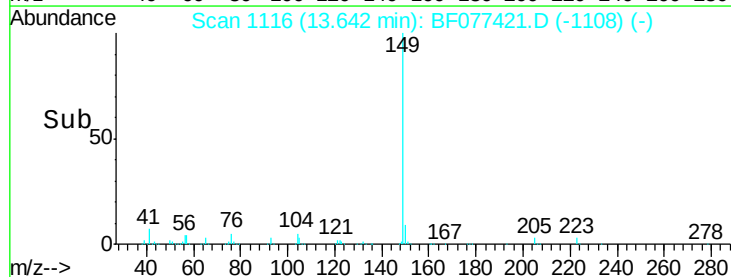
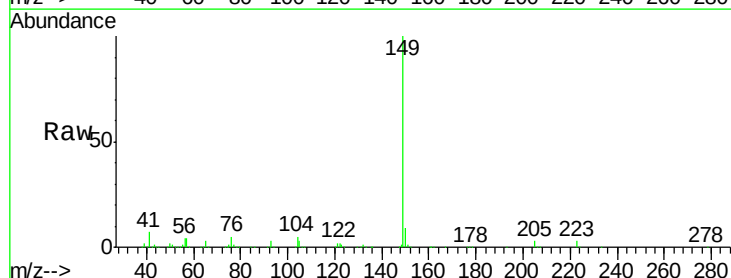
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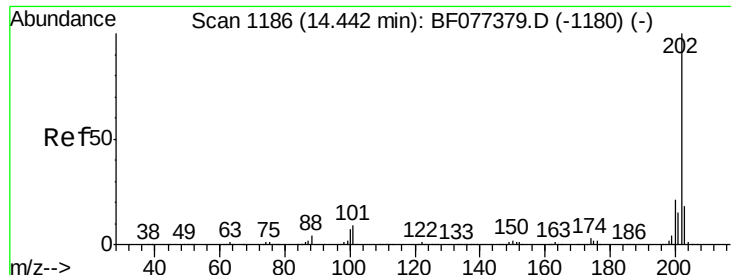
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#73
 Di-n-butylphthalate
 Concen: 30.36 ng
 RT: 13.64 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	4.6	4.1	6.1





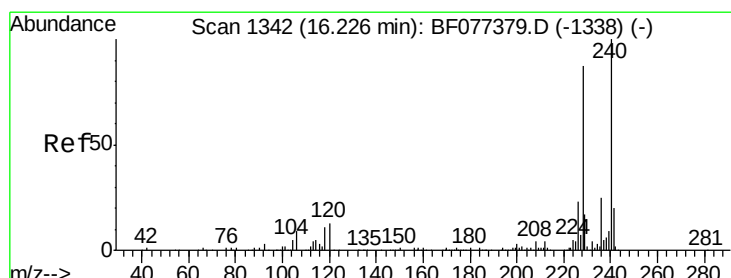
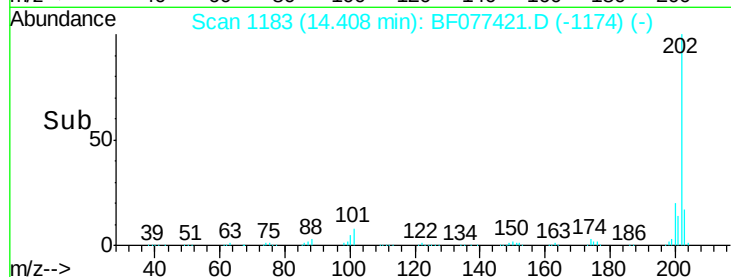
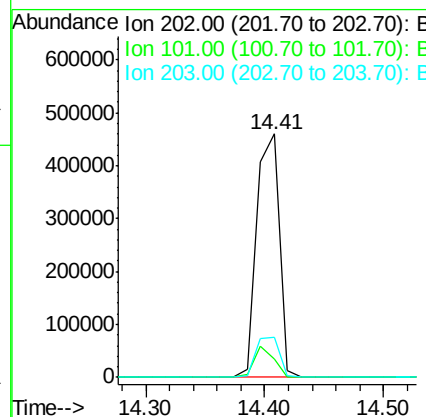
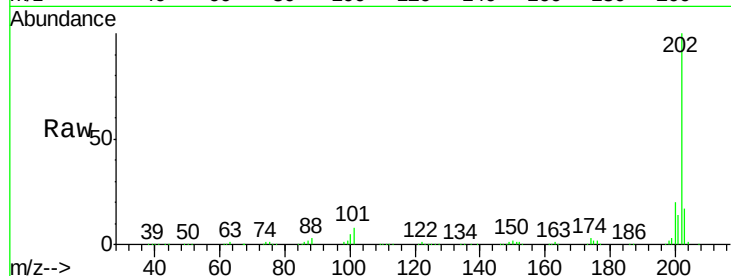
#74
Fluoranthene
Concen: 32.72 ng
RT: 14.41 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	617871		
101	7.6	0.0	30.8	
203	16.6	0.0	37.7	

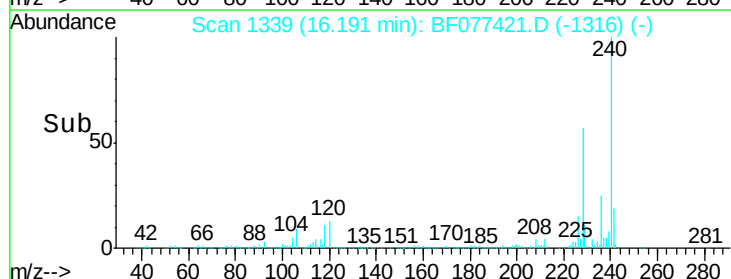
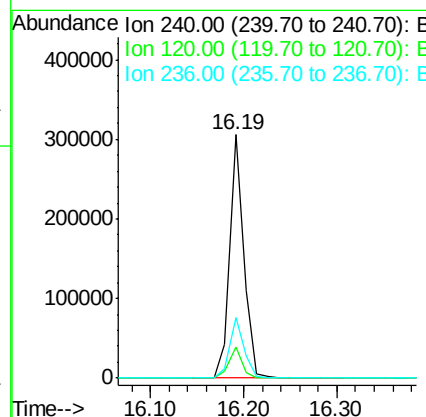
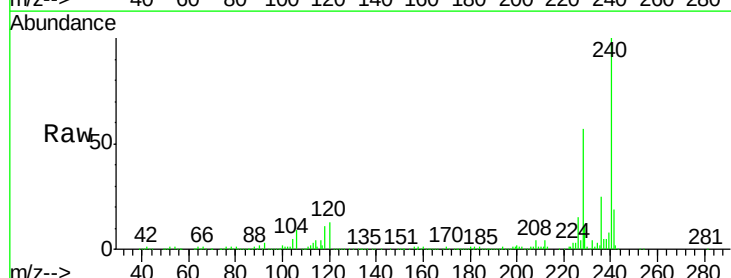
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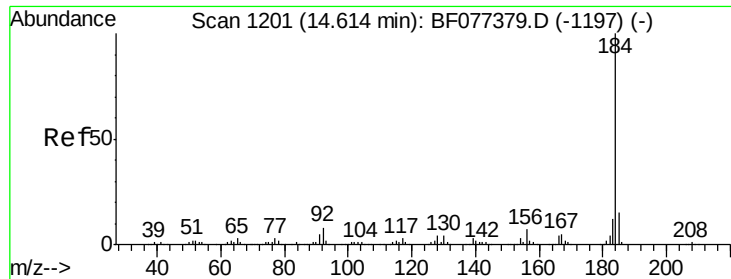
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	320815		
120	12.5	8.8	13.2	
236	25.1	20.7	31.1	





#76

Benzidine

Concen: 27.12 ng

RT: 14.58 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

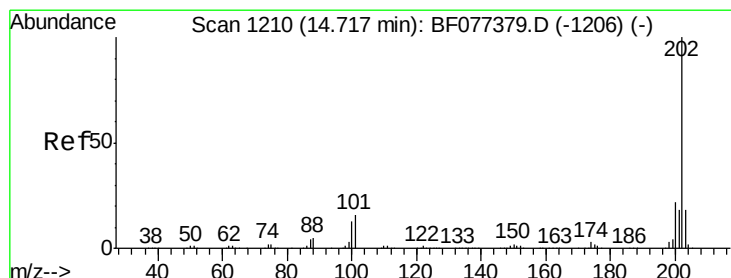
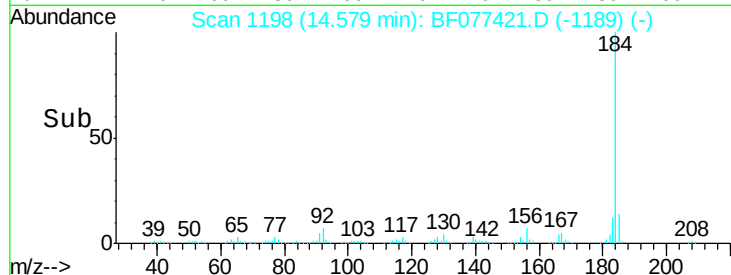
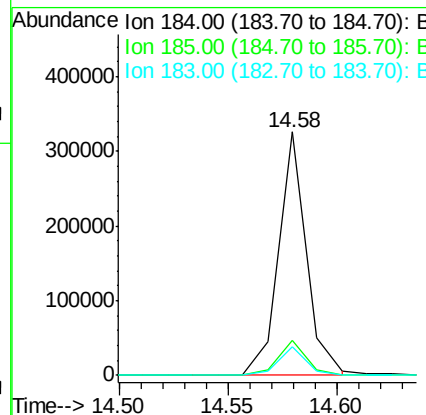
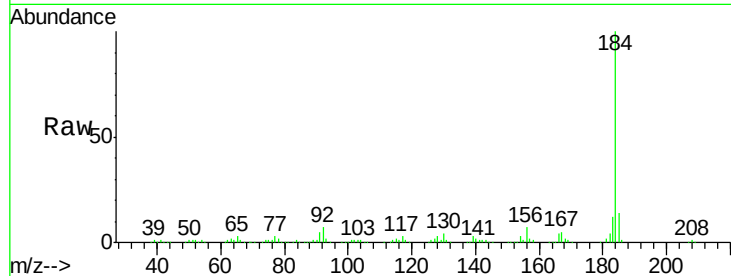
ClientSampleId :

PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	293954		
185	14.5	12.6	18.8	
183	11.5	9.3	13.9	

Manual Integrations
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#77

Pyrene

Concen: 33.04 ng

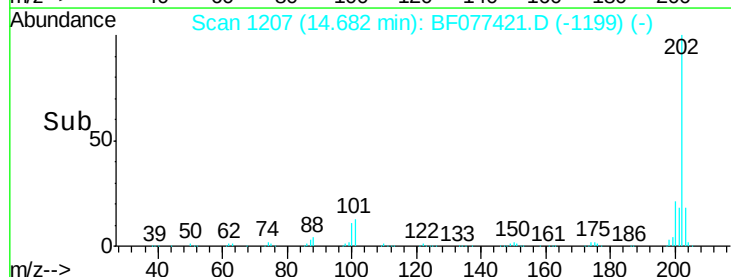
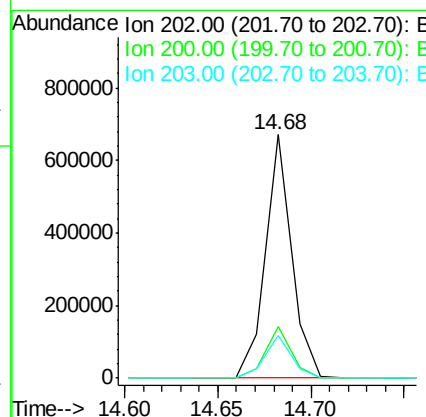
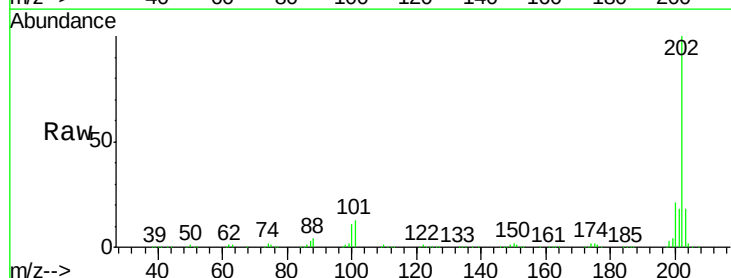
RT: 14.68 min Scan# 1207

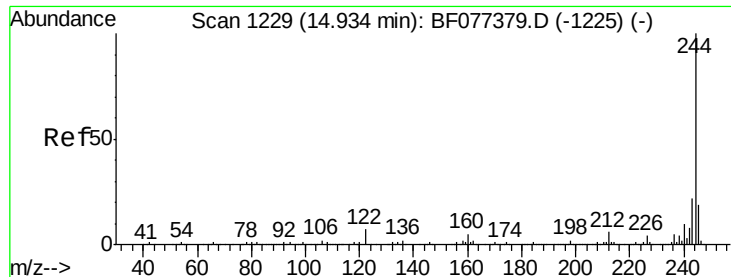
Delta R.T. -0.01 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	648454		
200	21.3	17.1	25.7	
203	17.8	14.2	21.2	





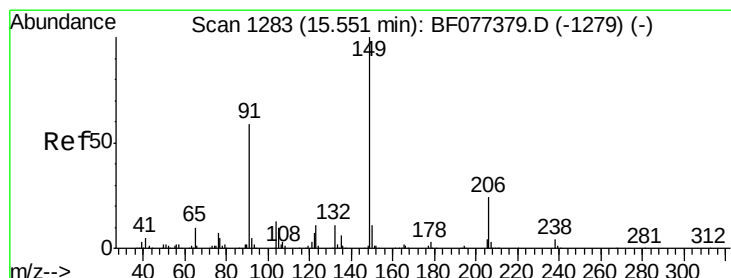
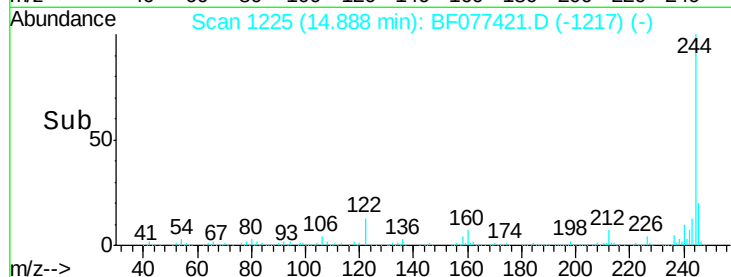
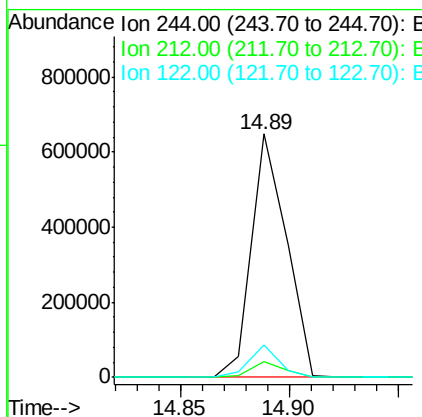
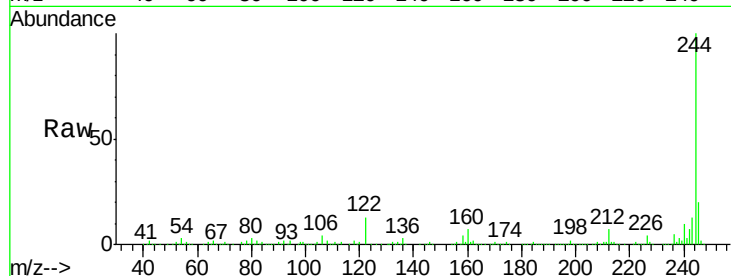
#78
 Terphenyl-d14
 Concen: 53.24 ng
 RT: 14.89 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.2	7.8
122	13.2	7.8	11.8

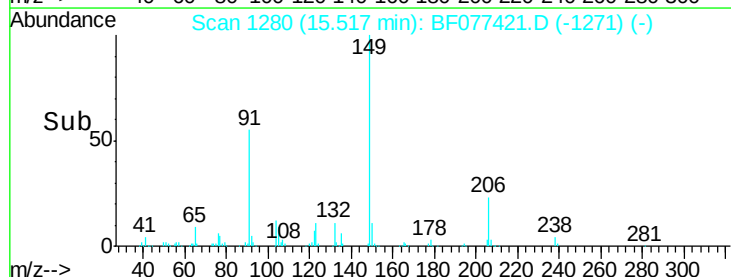
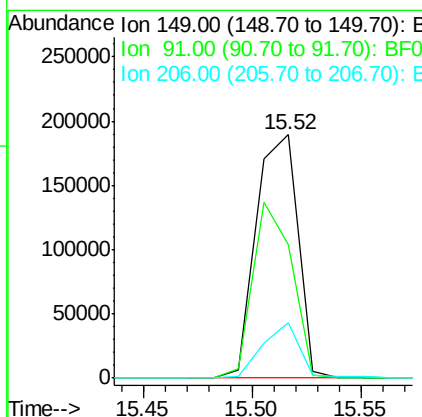
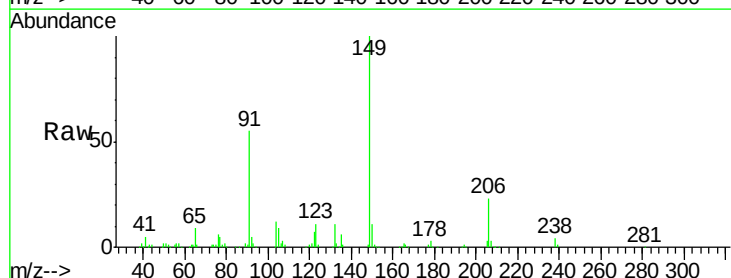
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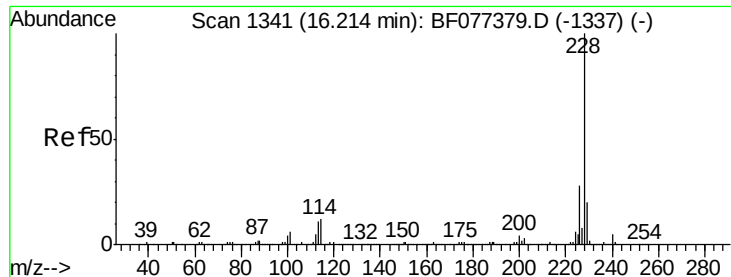
apatel
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#79
 Butylbenzylphthalate
 Concen: 31.68 ng
 RT: 15.52 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	54.6	51.2	76.8
206	23.0	17.8	26.8





#80

Benzo(a)anthracene

Concen: 32.43 ng

RT: 16.18 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

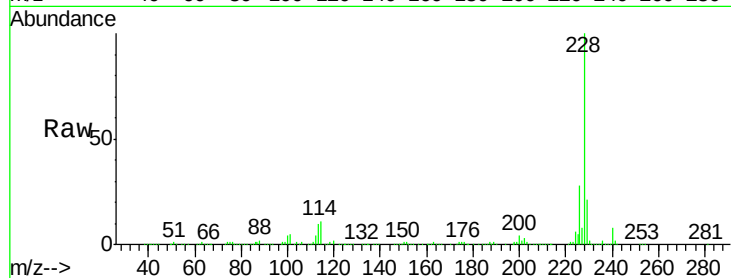
ClientSampleId :

PB81861BS

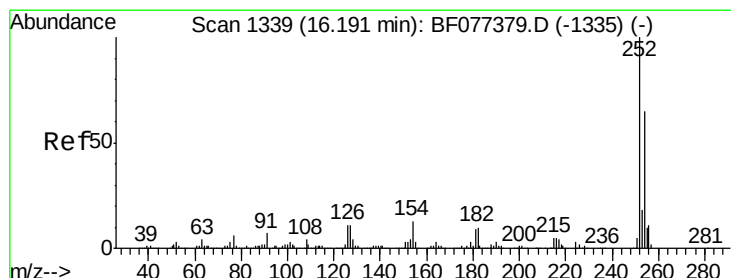
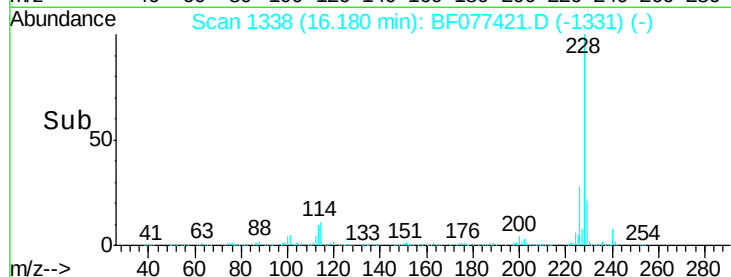
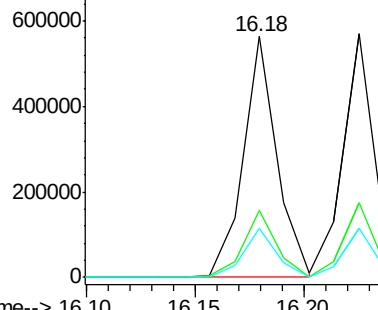
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	20.5	15.8	23.8

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



#81

3,3'-Dichlorobenzidine

Concen: 20.59 ng

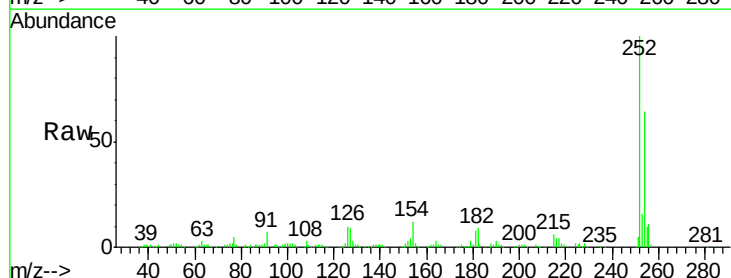
RT: 16.16 min Scan# 1336

Delta R.T. -0.02 min

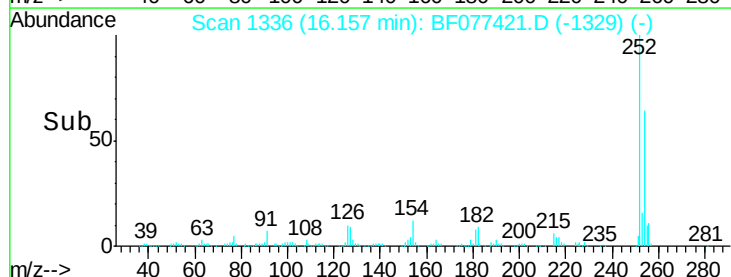
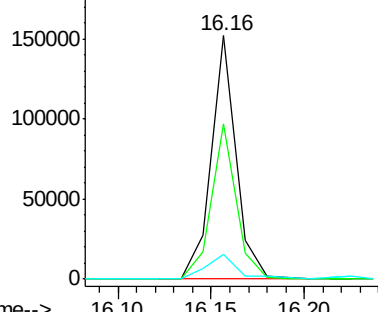
Lab File: BF077421.D

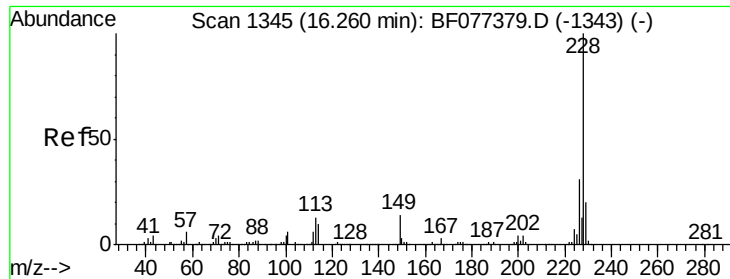
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.9	79.3
126	10.0	7.3	10.9



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





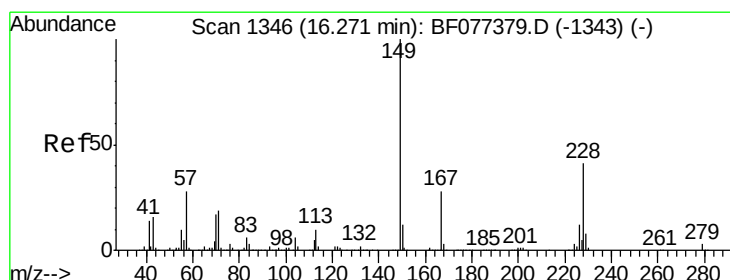
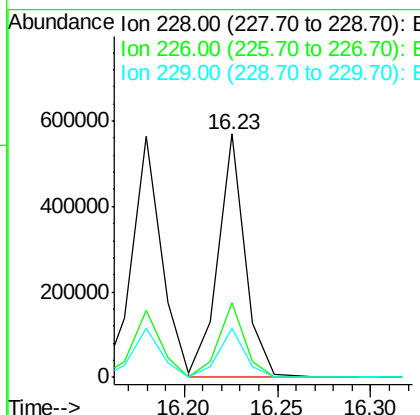
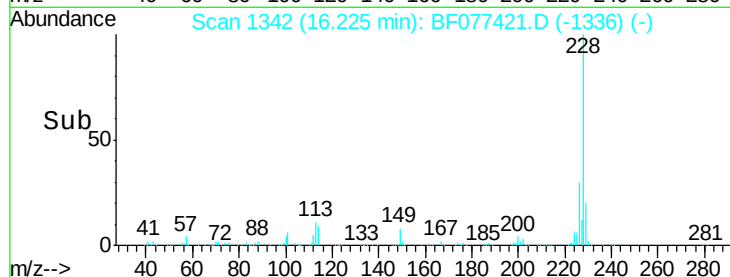
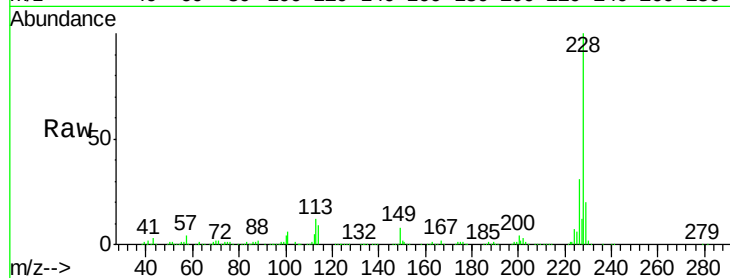
#82
Chrysene
Concen: 32.39 ng
RT: 16.23 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion:	228	Resp:	571883
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.9	37.3
229	20.3	16.4	24.6

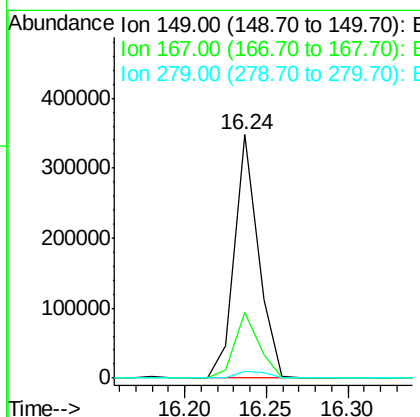
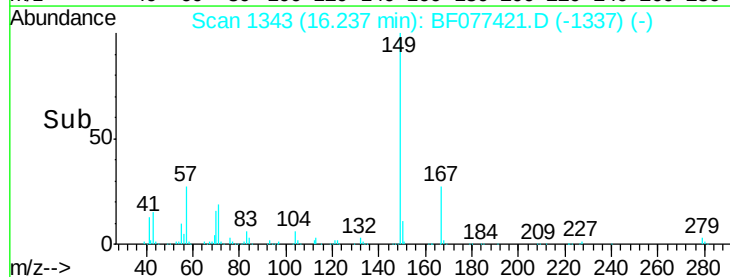
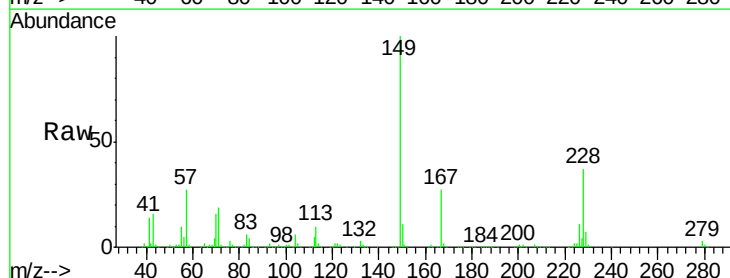
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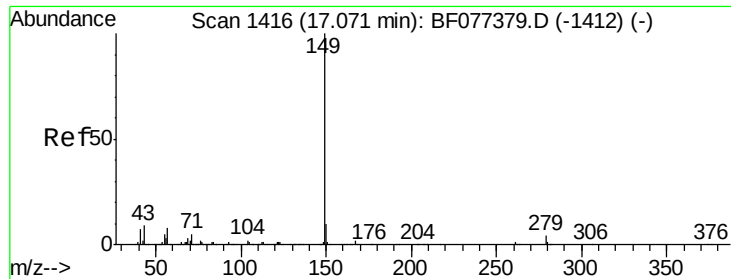
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#83
Bis(2-ethylhexyl)phthalate
Concen: 27.08 ng
RT: 16.24 min Scan# 1343
Delta R.T. -0.03 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion:	149	Resp:	350612
Ion Ratio	Lower	Upper	
149	100		
167	26.9	22.8	34.2
279	3.0	3.8	5.6#





#84

Di-n-octyl phthalate

Concen: 28.47 ng

RT: 17.05 min Scan# 1414

Delta R.T. -0.06 min

Lab File: BF077421.D

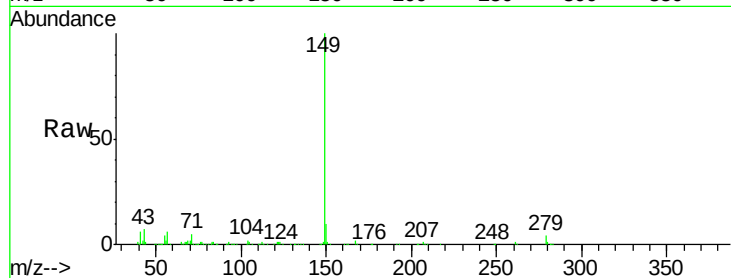
Acq: 24 Feb 2015 17:53

Instrument :

BNA_F

ClientSampleId :

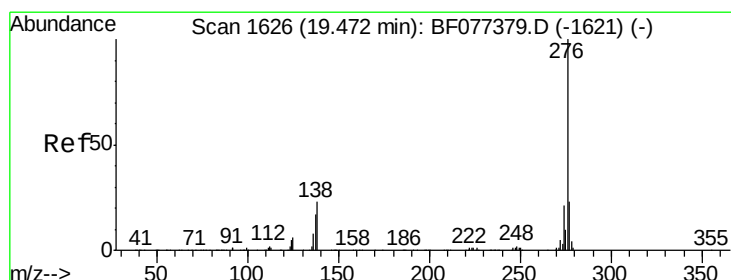
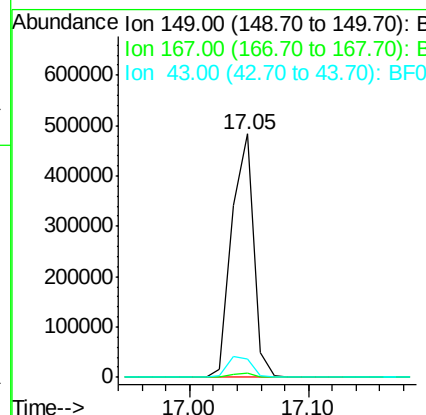
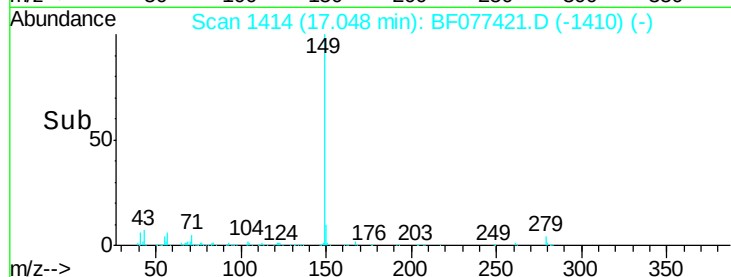
PB81861BS



Tgt Ion:	149	Resp:	615487
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.4	8.1	12.1

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#85

Indeno(1,2,3-cd)pyrene

Concen: 33.78 ng m

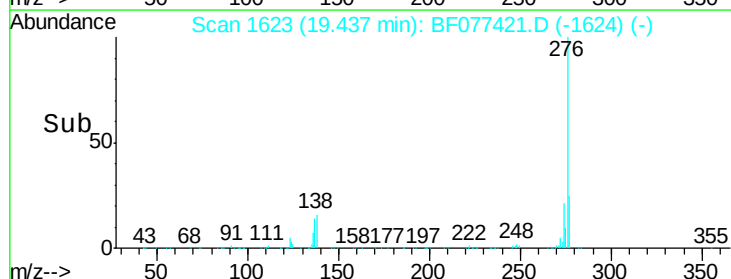
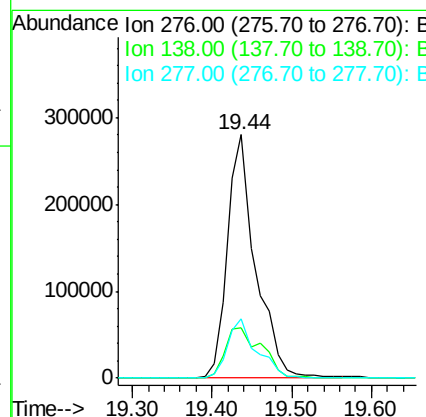
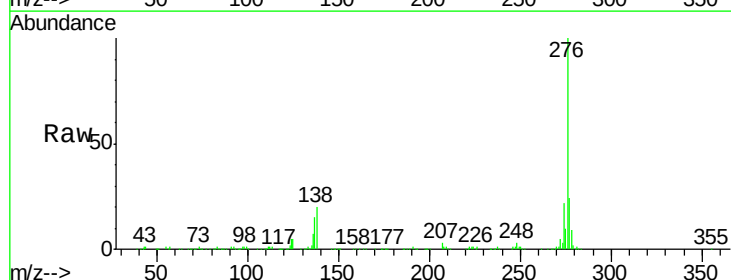
RT: 19.44 min Scan# 1623

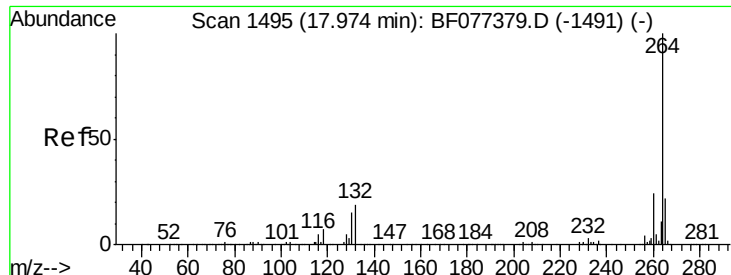
Delta R.T. -0.11 min

Lab File: BF077421.D

Acq: 24 Feb 2015 17:53

Tgt Ion:	276	Resp:	680076
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.2	31.8#
277	0.0	20.0	30.0#





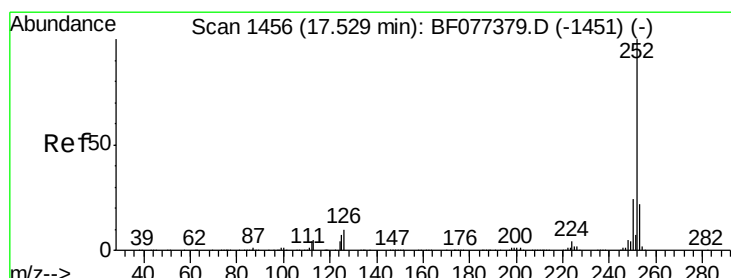
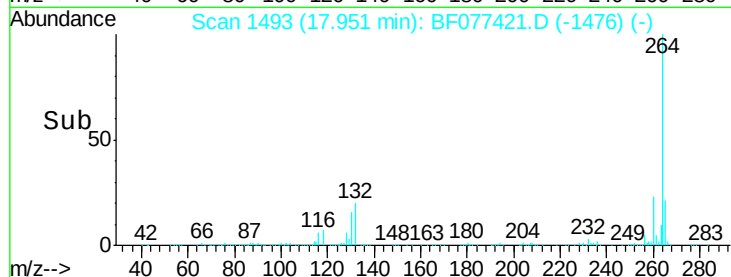
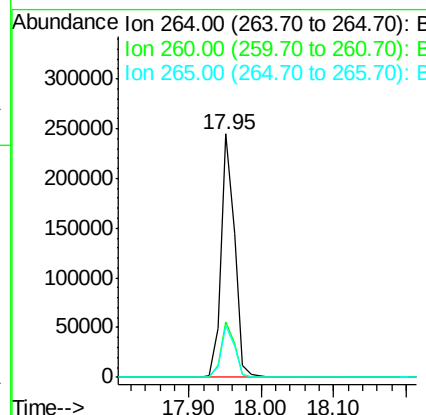
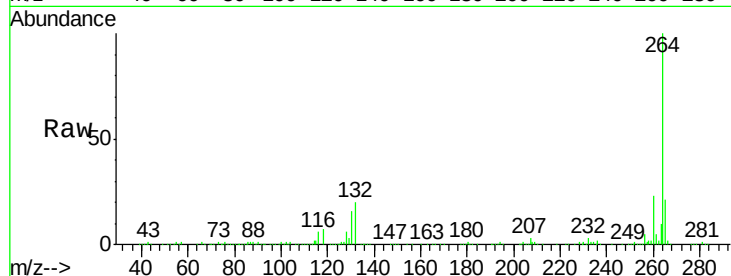
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.95 min Scan# 1493
Delta R.T. -0.10 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	316660		
260	23.0	19.3	28.9	
265	21.4	16.8	25.2	

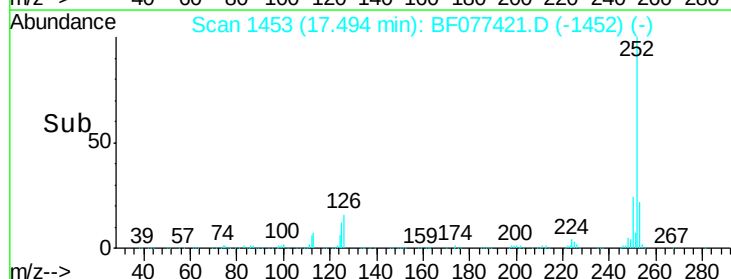
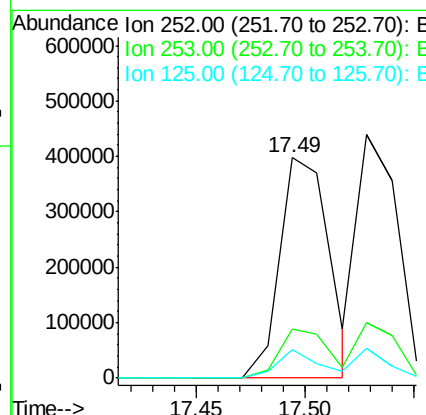
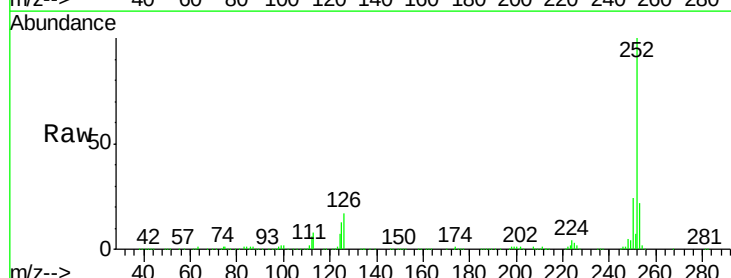
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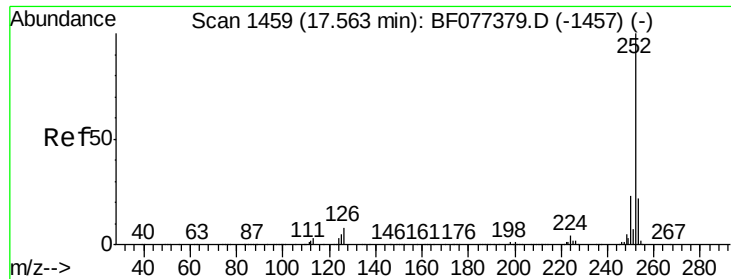
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#87
Benzo(b)fluoranthene
Concen: 34.06 ng
RT: 17.49 min Scan# 1453
Delta R.T. -0.09 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	627216		
253	22.2	17.6	26.4	
125	12.8	5.4	8.2#	





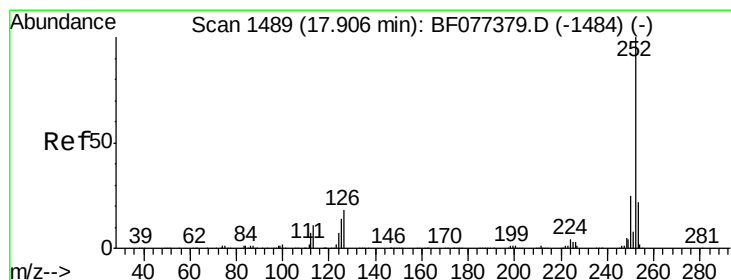
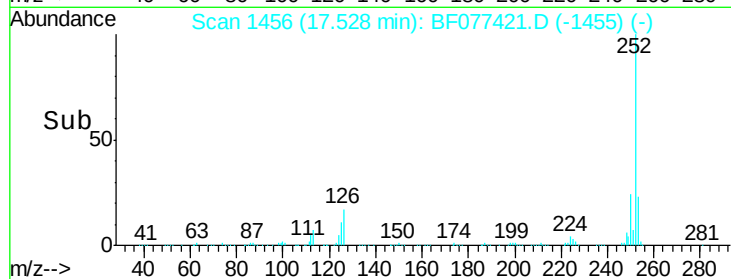
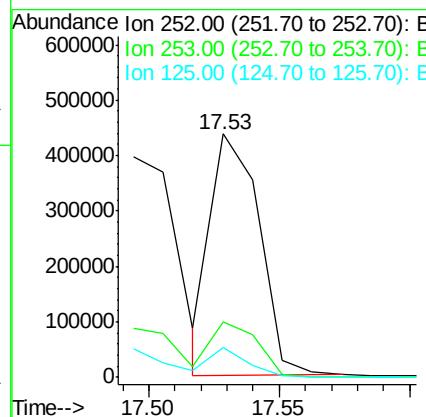
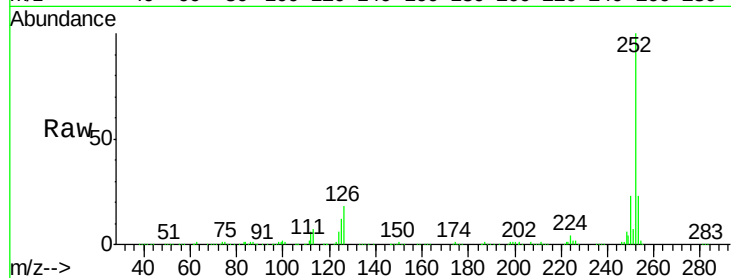
#88
Benzo(k)fluoranthene
Concen: 31.30 ng
RT: 17.53 min Scan# 1456
Delta R.T. -0.09 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Instrument :
BNA_F
ClientSampleId :
PB81861BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.2	10.1	15.1

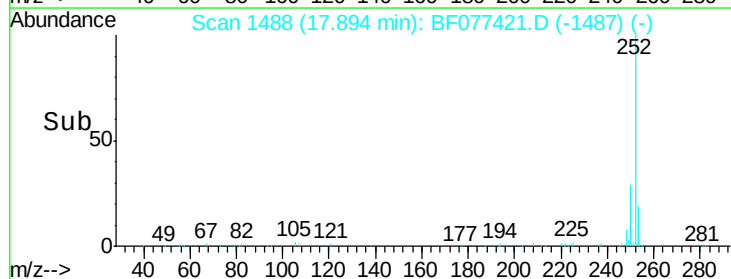
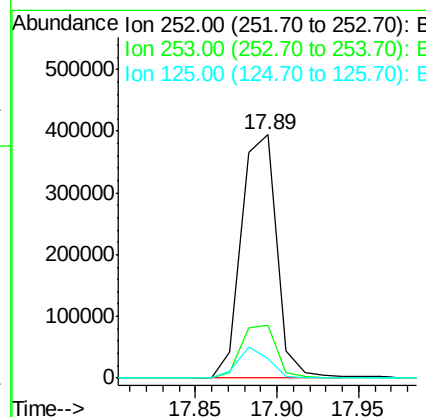
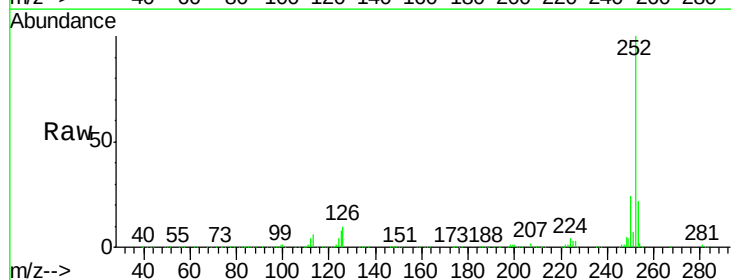
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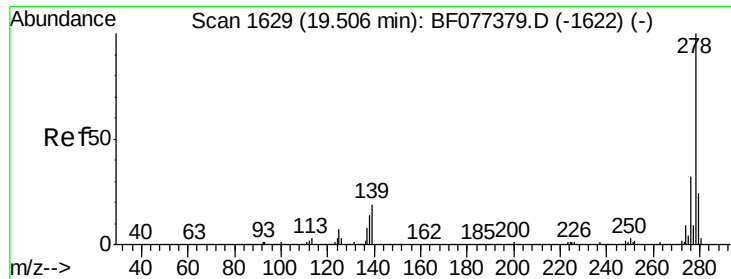
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#89
Benzo(a)pyrene
Concen: 33.78 ng
RT: 17.89 min Scan# 1488
Delta R.T. -0.09 min
Lab File: BF077421.D
Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.0	8.3	12.5#





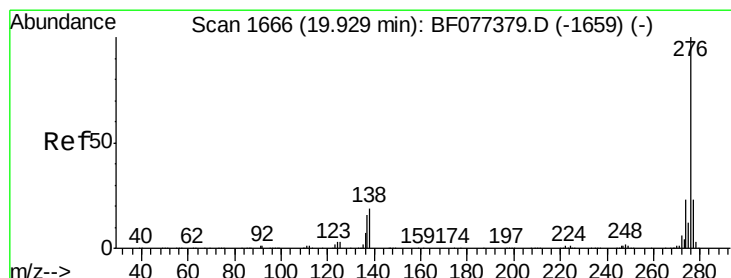
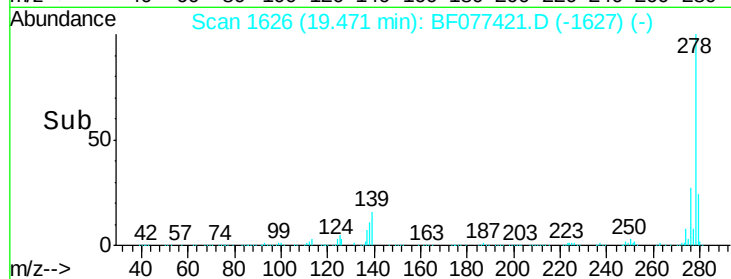
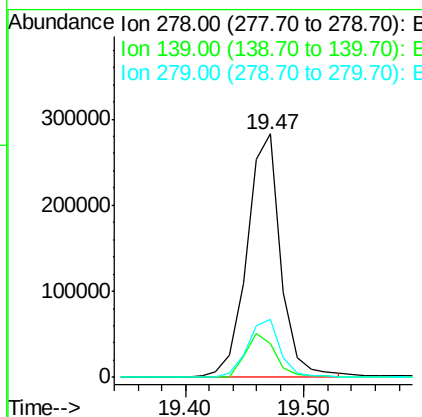
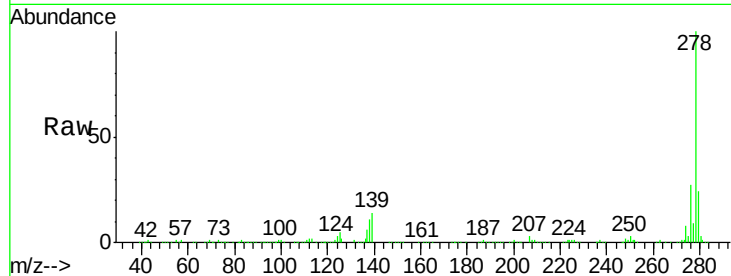
#90
 Dibenzo(a,h)anthracene
 Concen: 33.35 ng
 RT: 19.47 min Scan# 1626
 Delta R.T. -0.11 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Instrument :
 BNA_F
 ClientSampleId :
 PB81861BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	14.3	21.5#
279	24.0	19.0	28.6

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#91
 Benzo(g,h,i)perylene
 Concen: 34.23 ng
 RT: 19.87 min Scan# 1661
 Delta R.T. -0.13 min
 Lab File: BF077421.D
 Acq: 24 Feb 2015 17:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	23.2	20.5	30.7

