

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022615\
 Data File : BF077484.D
 Acq On : 27 Feb 2015 2:10
 Operator : TP/IZ
 Sample : PB81906BS
 Misc : S
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81906BS

Manual Integrations
 APPROVED

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 2/27/2015 4:21:27 PM

Quant Time: Feb 27 07:22:12 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	80566	20.00	ng	0.00
21) Naphthalene-d8	8.84	136	325272	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	170892	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	343993	20.00	ng	0.00
75) Chrysene-d12	16.15	240	369762	20.00	ng	0.00
86) Perylene-d12	17.89	264	366033	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	442885	91.77	ng	0.00
7) Phenol-d6	6.82	99	543647	87.62	ng	0.00
23) Nitrobenzene-d5	7.96	82	326581	62.44	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	153741	93.43	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	736842	67.23	ng	0.00
78) Terphenyl-d14	14.86	244	907993	57.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	41840	20.43	ng	99
3) Pyridine	2.97	79	123251	21.04	ng	93
4) n-Nitrosodimethylamine	2.87	42	71316	28.00	ng	93
6) Aniline	6.85	93	136558	15.92	ng	98
8) 2-Chlorophenol	7.00	128	159707	28.05	ng	84
10) Phenol	6.84	94	203581	27.65	ng	94
11) bis(2-Chloroethyl)ether	6.96	93	154471	29.20	ng	95
12) 1,3-Dichlorobenzene	7.19	146	171999	27.74	ng	# 88
13) 1,4-Dichlorobenzene	7.29	146	174765	27.71	ng	98
14) 1,2-Dichlorobenzene	7.47	146	166814	27.81	ng	99
15) Benzyl Alcohol	7.45	79	138052	29.27	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.63	45	210079	27.78	ng	99
17) 2-Methylphenol	7.59	107	127144	28.57	ng	96
18) Hexachloroethane	7.89	117	60167	28.56	ng	100
19) n-Nitroso-di-n-propylamine	7.78	70	111436	28.28	ng	98
20) 3+4-Methylphenols	7.78	107	169353	28.90	ng	92
22) Acetophenone	7.77	105	218270	28.53	ng	# 94
24) Nitrobenzene	7.98	77	166574	30.27	ng	98
25) Isophorone	8.28	82	301951	29.10	ng	99
26) 2-Nitrophenol	8.37	139	76221	33.79	ng	98
27) 2,4-Dimethylphenol	8.43	122	143257	28.39	ng	94
28) bis(2-Chloroethoxy)methane	8.56	93	181309	27.66	ng	98
29) 2,4-Dichlorophenol	8.67	162	146389	30.90	ng	96
30) 1,2,4-Trichlorobenzene	8.77	180	148451	28.50	ng	98
31) Naphthalene	8.87	128	468703	28.81	ng	100
32) Benzoic acid	8.52	122	76258	31.10	ng	97
33) 4-Chloroaniline	8.94	127	110222	15.24	ng	99
34) Hexachlorobutadiene	9.03	225	87966	29.59	ng	98
35) Caprolactam	9.36	113	42405	29.32	ng	91
36) 4-Chloro-3-methylphenol	9.55	107	138479	29.08	ng	87
37) 2-Methylnaphthalene	9.73	142	333150	28.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.93	216	149999	30.59	ng	98
40) Hexachlorocyclopentadiene	9.92	237	161965	61.60	ng	94
42) 2,4,6-Trichlorophenol	10.08	196	102399	31.53	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.12	196	110477	31.82	ng	# 93
45) 1,1'-Biphenyl	10.31	154	396055	30.59	ng	99
46) 2-Chloronaphthalene	10.33	162	314642	30.99	ng	99
47) 2-Nitroaniline	10.46	65	81279	32.52	ng	96
48) Acenaphthylene	10.84	152	517592	32.20	ng	100
49) Dimethylphthalate	10.70	163	370354	30.83	ng	100
50) 2,6-Dinitrotoluene	10.77	165	82288	34.16	ng	96
51) Acenaphthene	11.06	154	300101	31.29	ng	100
52) 3-Nitroaniline	10.97	138	61093	22.00	ng	98
53) 2,4-Dinitrophenol	11.10	184	57537	78.49	ng	93
54) Dibenzofuran	11.27	168	458946	30.99	ng	99
55) 4-Nitrophenol	11.18	139	153950	68.91	ng	90
56) 2,4-Dinitrotoluene	11.26	165	114087	35.05	ng	91
57) Fluorene	11.70	166	377633	31.89	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.43	232	94930	34.01	ng	98
59) Diethylphthalate	11.58	149	370077	31.25	ng	98
60) 4-Chlorophenyl-phenylether	11.71	204	176999	31.02	ng	98
61) 4-Nitroaniline	11.72	138	84277	31.66	ng	98
62) Azobenzene	11.90	77	345145	30.72	ng	98
64) 4,6-Dinitro-2-methylphenol	11.76	198	37405	28.86	ng	98
65) n-Nitrosodiphenylamine	11.86	169	333679	29.24	ng	100
66) 4-Bromophenyl-phenylether	12.32	248	109840	27.27	ng	96
67) Hexachlorobenzene	12.37	284	116981	27.06	ng	# 91
68) Atrazine	12.53	200	105906	28.54	ng	92
69) Pentachlorophenol	12.62	266	134176	59.05	ng	98
70) Phenanthrene	12.89	178	556070	27.89	ng	99
71) Anthracene	12.95	178	563772	28.49	ng	100
72) Carbazole	13.16	167	552845	29.39	ng	99
73) Di-n-butylphthalate	13.61	149	621306	28.13	ng	99
74) Fluoranthene	14.37	202	607153	27.88	ng	95
76) Benzidine	14.55	184	265276	21.23	ng	99
77) Pyrene	14.65	202	652980	28.87	ng	99
79) Butylbenzylphthalate	15.48	149	283082	30.42	ng	91
80) Benzo(a)anthracene	16.14	228	656524	30.30	ng	99
81) 3,3'-Dichlorobenzidine	16.12	252	144014	18.14	ng	# 99
82) Chrysene	16.18	228	581600	28.58	ng	98
83) Bis(2-ethylhexyl)phthalate	16.20	149	435339	29.17	ng	98
84) Di-n-octyl phthalate	17.00	149	737780	29.61	ng	98
85) Indeno(1,2,3-cd)pyrene	19.36	276	700019	30.17	ng	100
87) Benzo(b)fluoranthene	17.45	252	618132m	29.04	ng	
88) Benzo(k)fluoranthene	17.48	252	618834	29.67	ng	# 94
89) Benzo(a)pyrene	17.83	252	603497	29.77	ng	98
90) Dibenzo(a,h)anthracene	19.38	278	591213	30.58	ng	99
91) Benzo(g,h,i)perylene	19.78	276	591208	30.30	ng	100

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

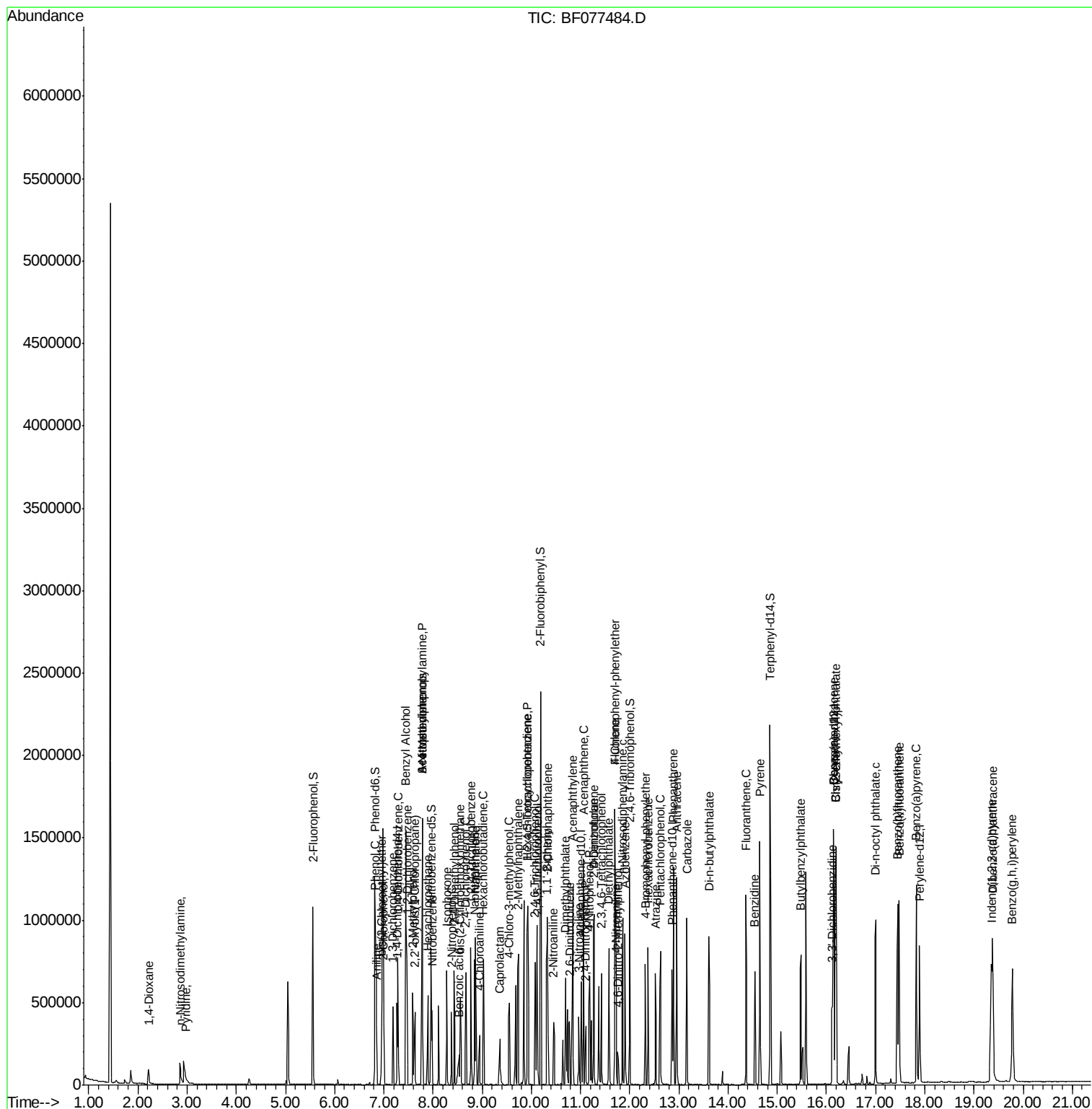
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Operator  : TP/IZ  
Sample    : PB81906BS  
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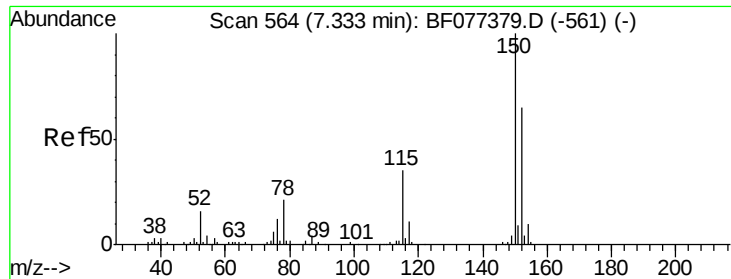
Instrument :
BNA_F
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#1

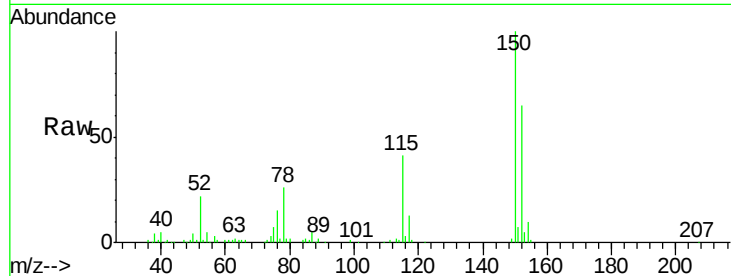
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

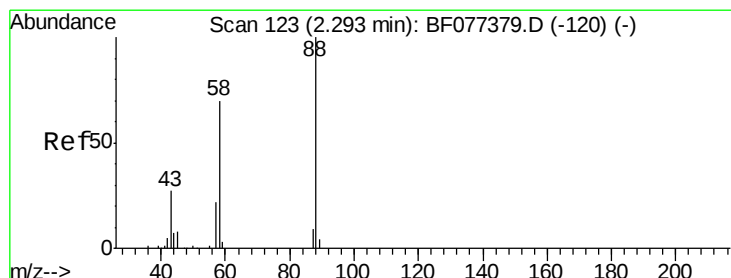
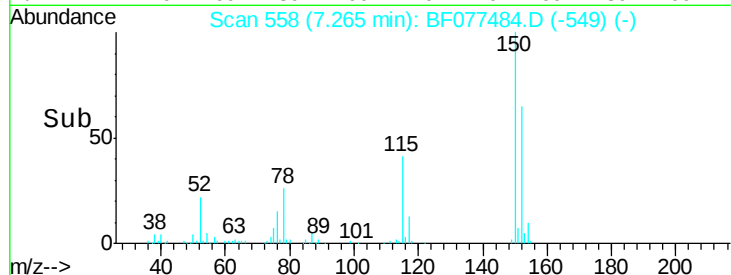
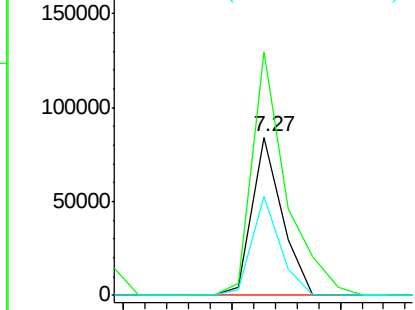
Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	62.4	49.4	74.2

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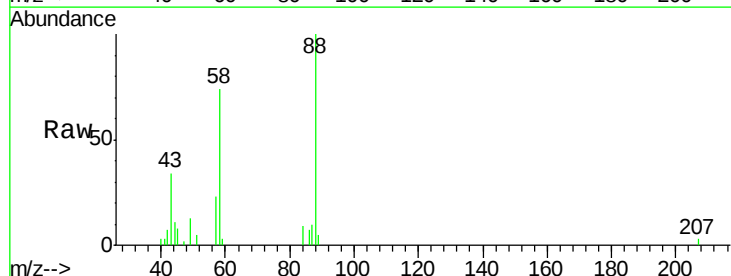
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



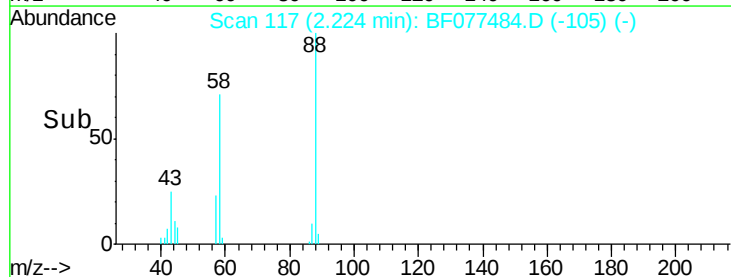
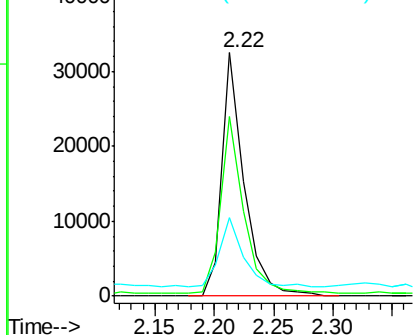
#2

1,4-Dioxane
Concen: 20.43 ng
RT: 2.22 min Scan# 117
Delta R.T. 0.03 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	62.1	93.1
43	31.1	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: 21.04 ng

RT: 2.97 min Scan# 182

Delta R.T. 0.06 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

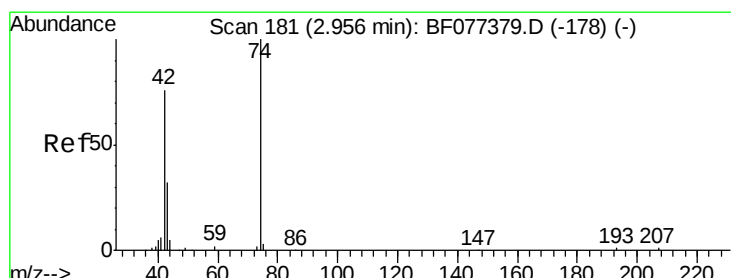
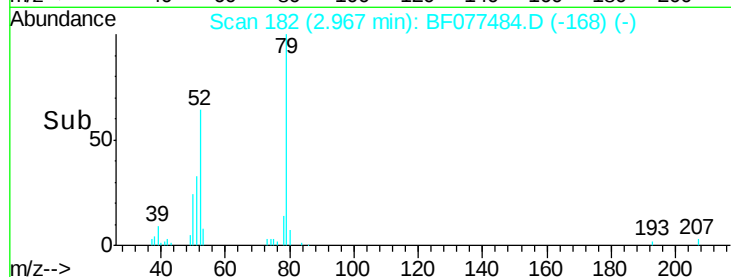
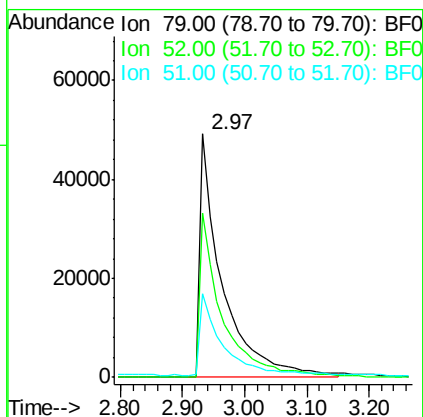
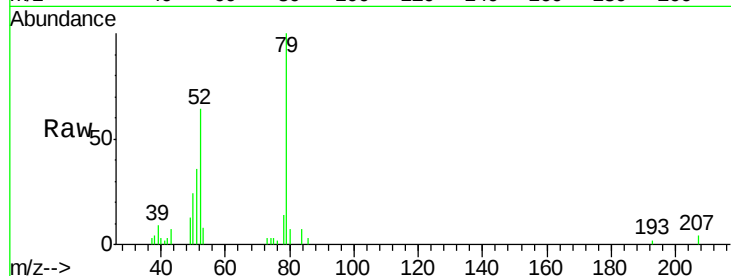
ClientSampleId :

PB81906BS

Tgt Ion:	79	Resp:	123251
Ion Ratio	Lower	Upper	
79	100		
52	63.9	57.7	86.5
51	35.6	28.5	42.7

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#4

n-Nitrosodimethylamine

Concen: 28.00 ng

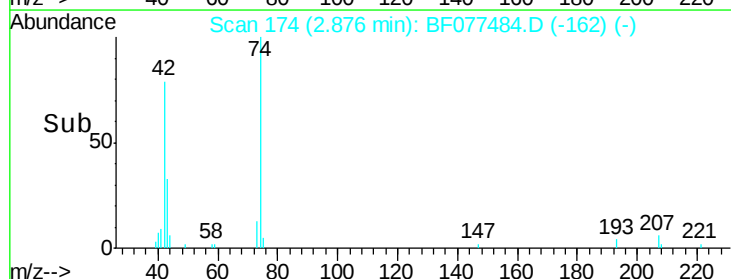
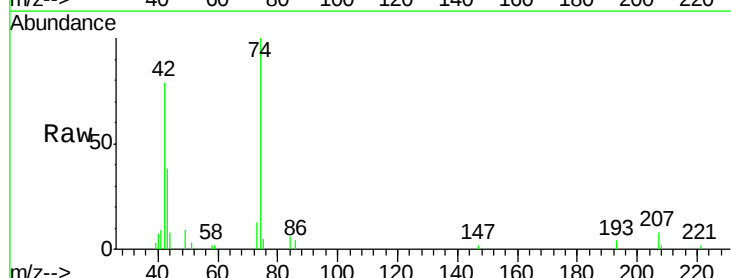
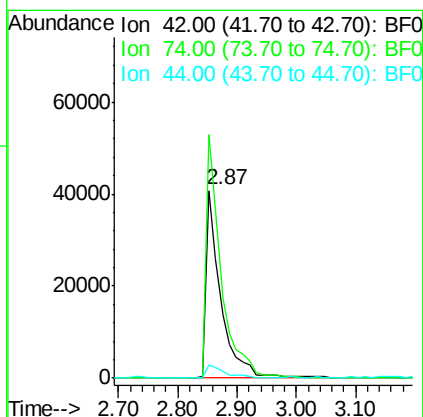
RT: 2.87 min Scan# 174

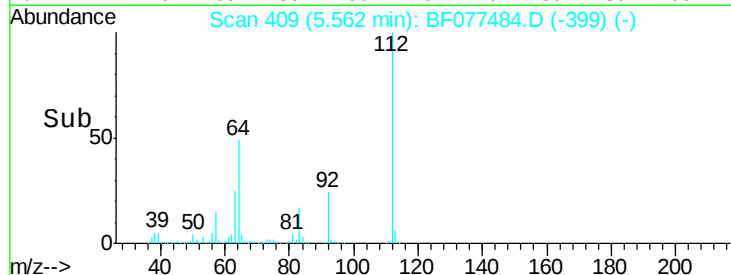
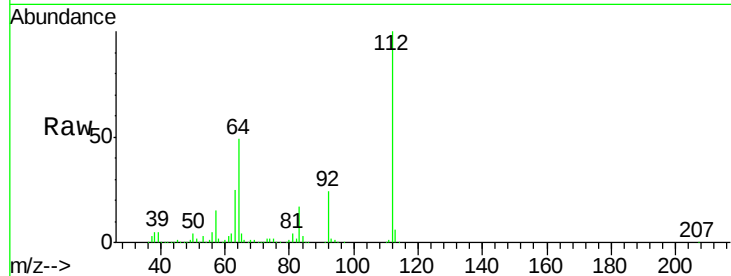
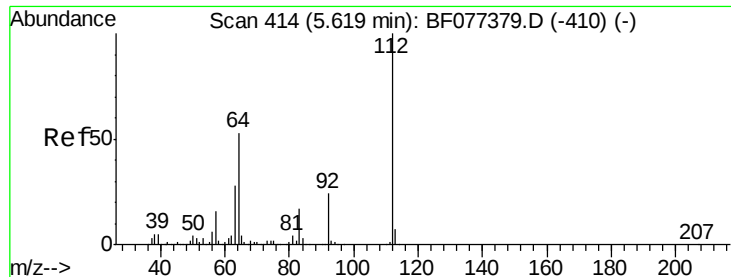
Delta R.T. 0.03 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	42	Resp:	71316
Ion Ratio	Lower	Upper	
42	100		
74	125.9	107.1	160.7
44	9.8	6.7	10.1





#5

2-Fluorophenol

Concen: 91.77 ng

RT: 5.56 min Scan# 409

Delta R.T. 0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	112	Resp:	442885
Ion Ratio	Lower	Upper	
112	100		
64	49.2	48.5	72.7
63	25.3	25.0	37.4

Instrument :

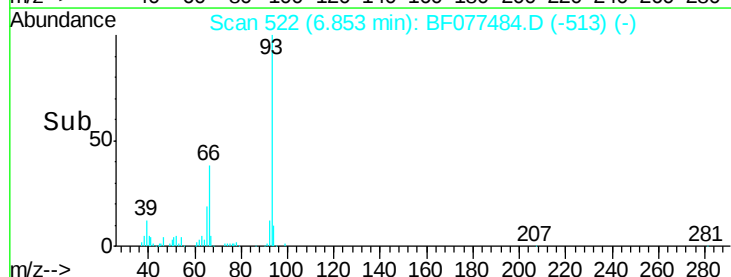
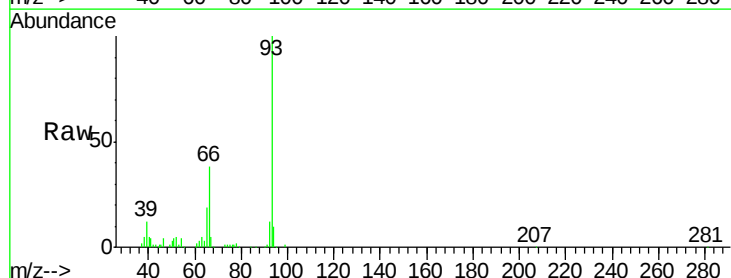
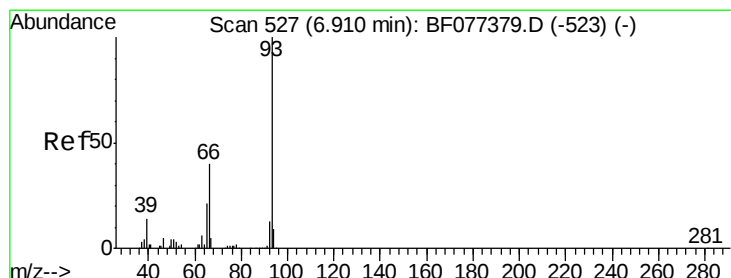
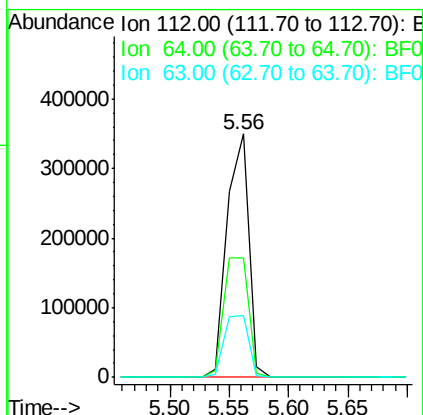
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PB81906BS

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#6

Aniline

Concen: 15.92 ng

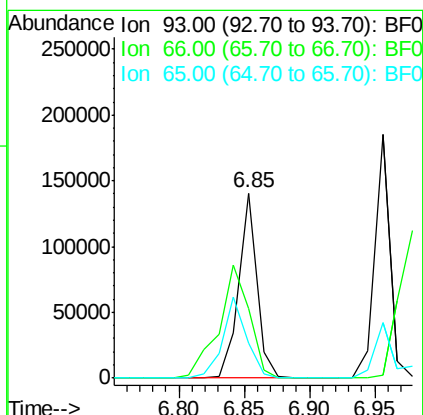
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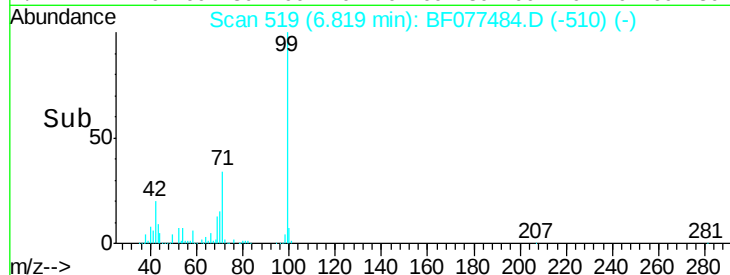
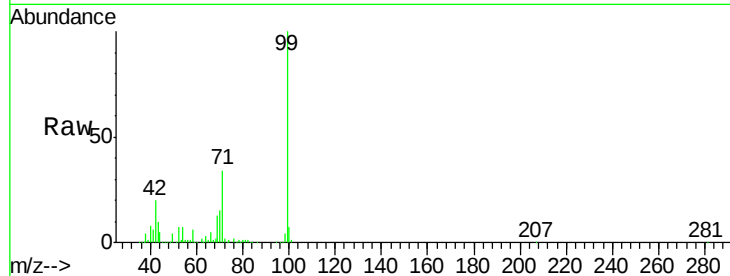
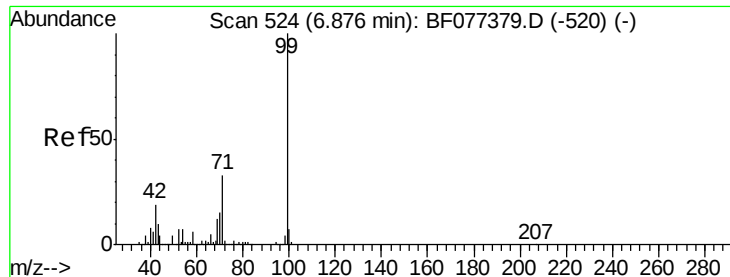
Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	93	Resp:	136558
Ion Ratio	Lower	Upper	
93	100		
66	37.8	29.1	43.7
65	19.1	14.6	22.0





#7

Phenol-d6

Concen: 87.62 ng

RT: 6.82 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	99	Resp:	543647
Ion Ratio	Lower	Upper	
99	100		
42	19.7	16.2	24.4
71	34.2	26.7	40.1

Instrument :

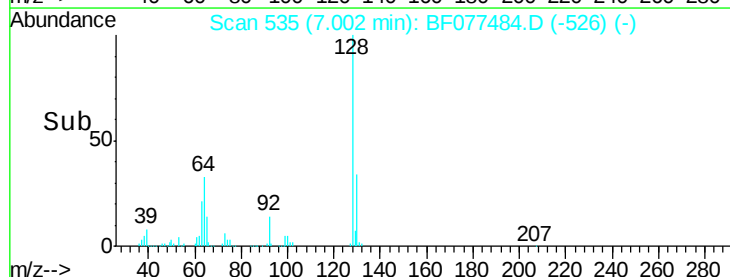
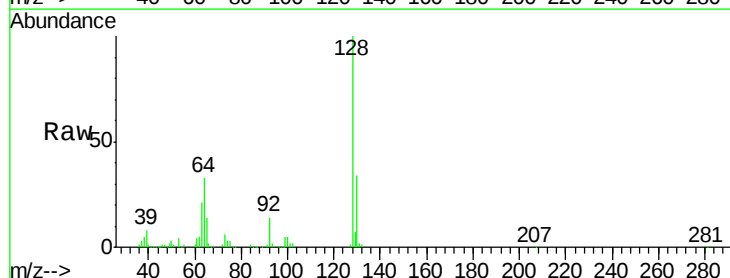
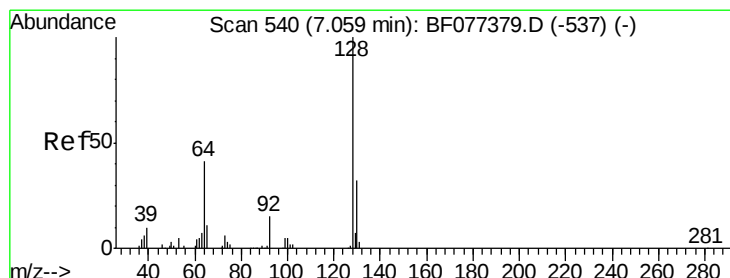
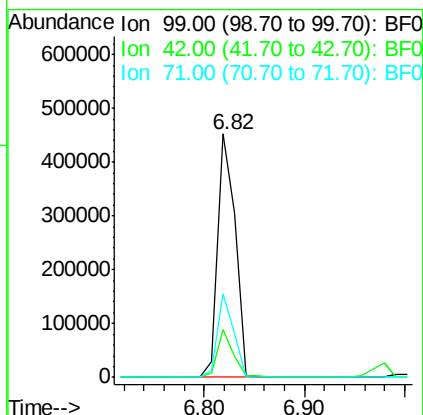
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#8

2-Chlorophenol

Concen: 28.05 ng

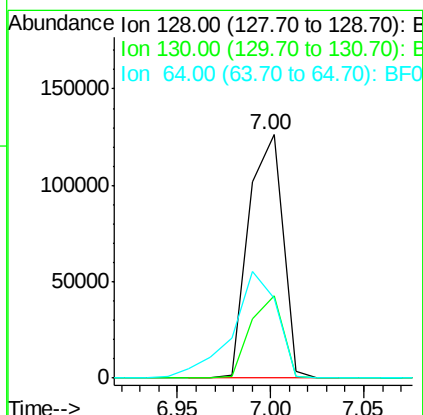
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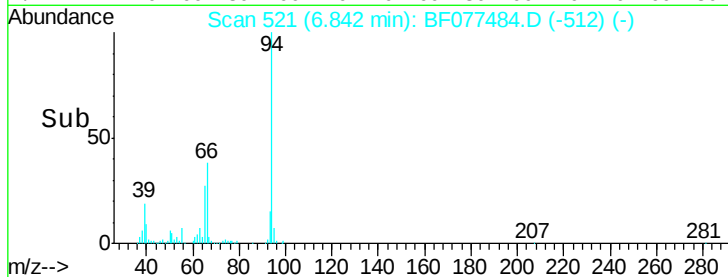
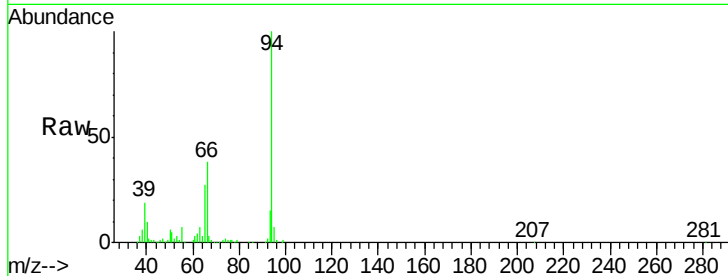
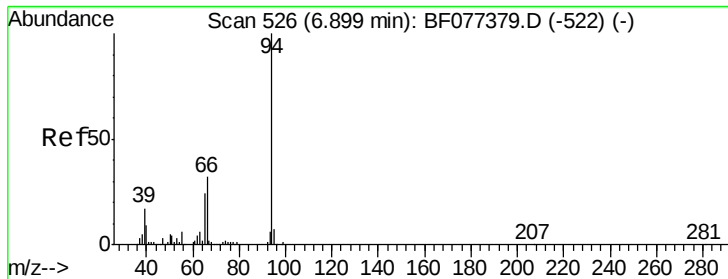
Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	128	Resp:	159707
Ion Ratio	Lower	Upper	
128	100		
130	34.0	12.0	52.0
64	33.0	29.2	69.2





#10

Phenol

Concen: 27.65 ng

RT: 6.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	94	Resp:	203581
Ion Ratio	Lower	Upper	
94	100		
65	27.1	5.7	45.7
66	38.1	13.6	53.6

Instrument :

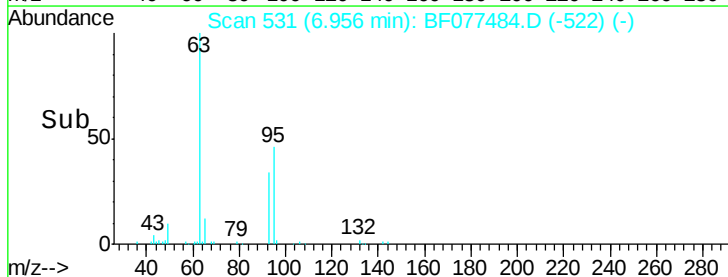
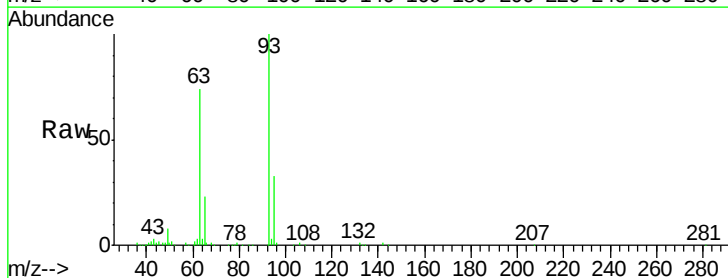
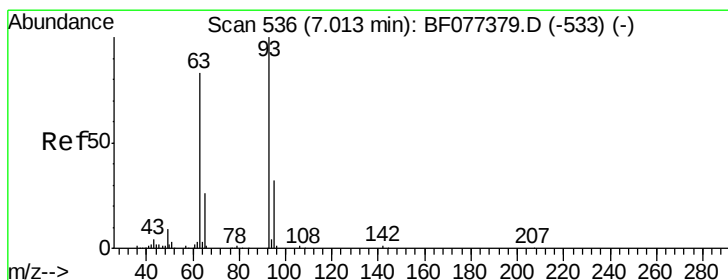
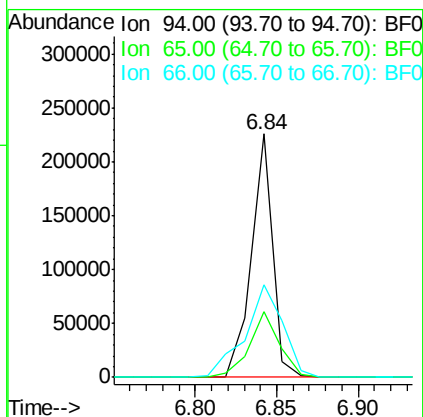
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#11

bis(2-Chloroethyl)ether

Concen: 29.20 ng

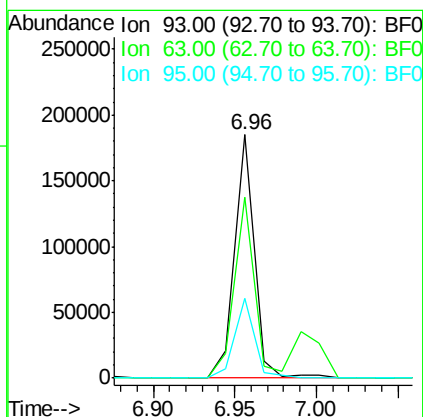
RT: 6.96 min Scan# 531

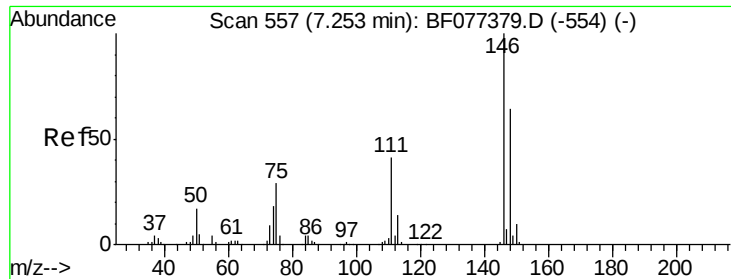
Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	93	Resp:	154471
Ion Ratio	Lower	Upper	
93	100		
63	74.4	48.7	88.7
95	33.0	13.6	53.6





#12

1,3-Dichlorobenzene

Concen: 27.74 ng

RT: 7.19 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

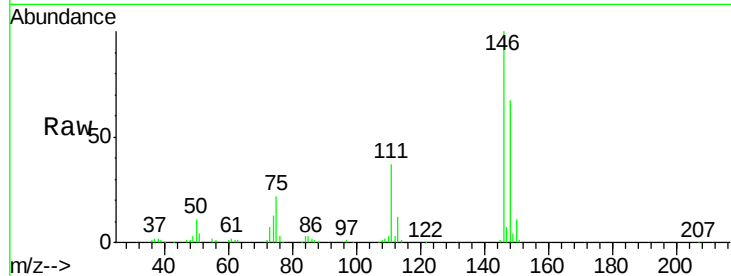
ClientSampleId :

PB81906BS

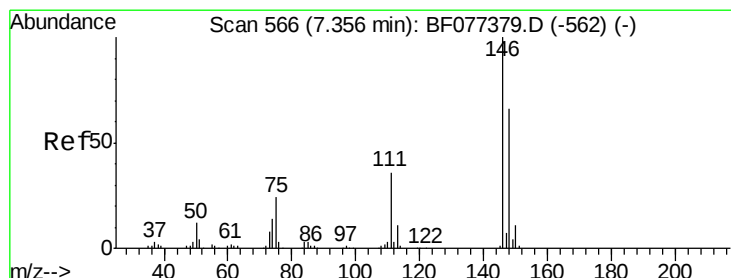
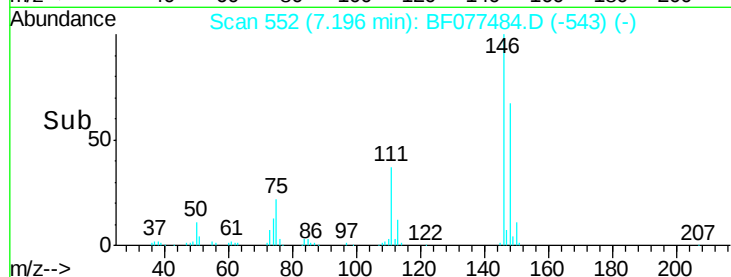
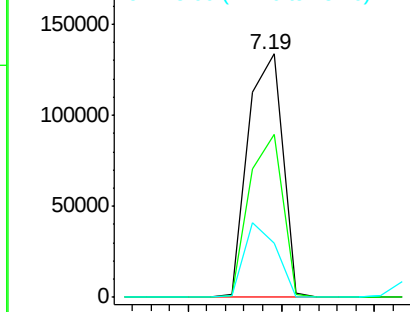
Tgt Ion:	146	Resp:	171999
Ion Ratio	Lower	Upper	
146	100		
148	66.7	49.8	74.8
75	22.1	28.2	42.4#

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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: 27.71 ng

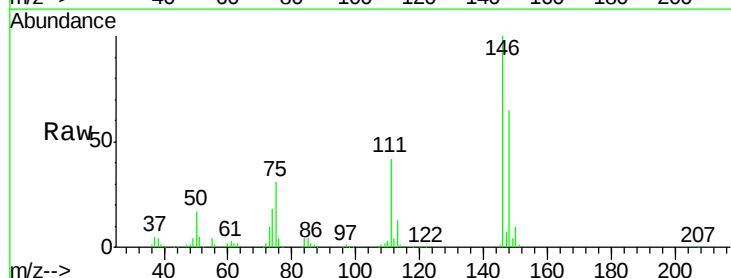
RT: 7.29 min Scan# 560

Delta R.T. 0.00 min

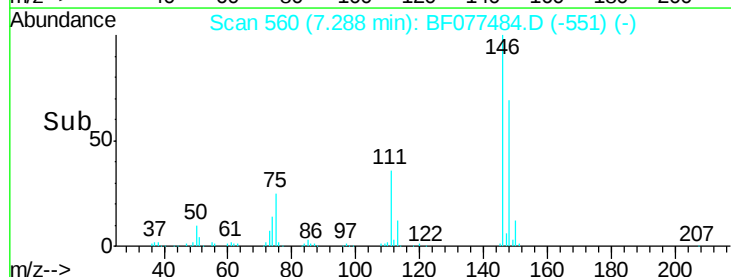
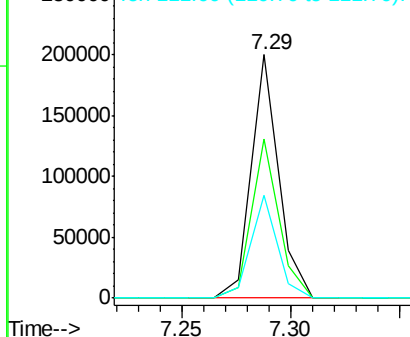
Lab File: BF077484.D

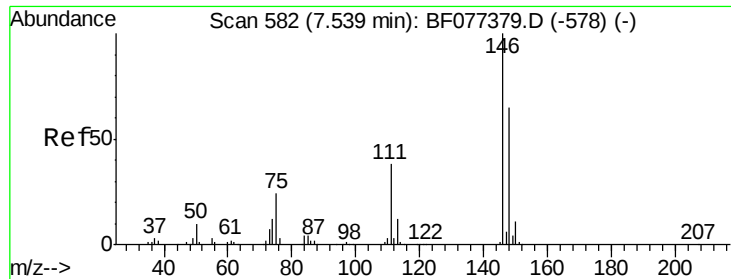
Acq: 27 Feb 2015 2:10

Tgt Ion:	146	Resp:	174765
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.0	78.0
111	42.4	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





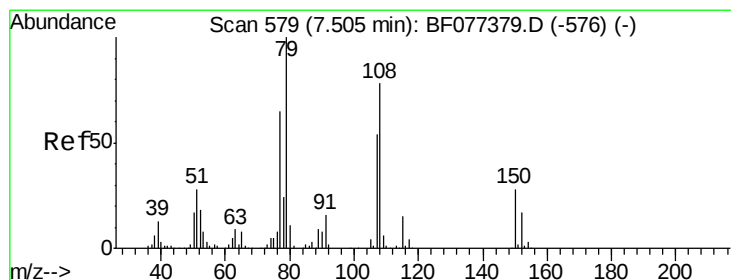
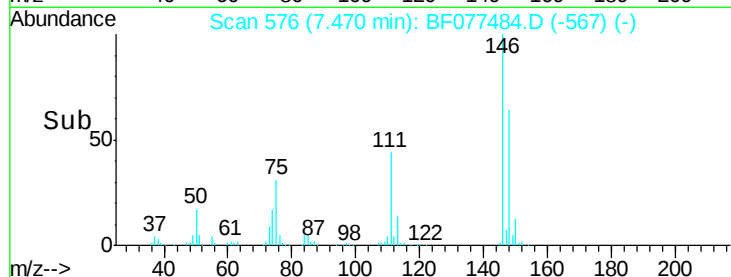
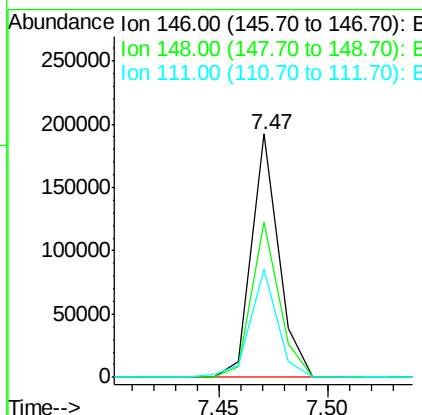
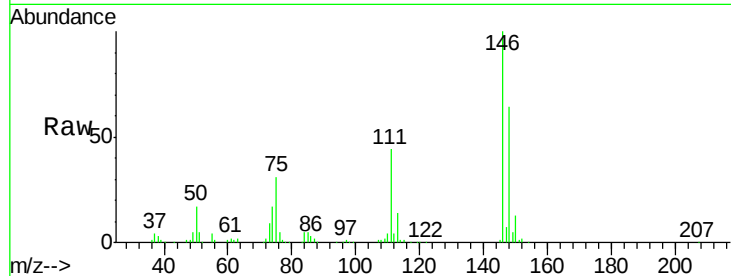
#14
 1,2-Dichlorobenzene
 Concen: 27.81 ng
 RT: 7.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166814		
148	63.9	51.6	77.4	
111	44.1	34.2	51.2	

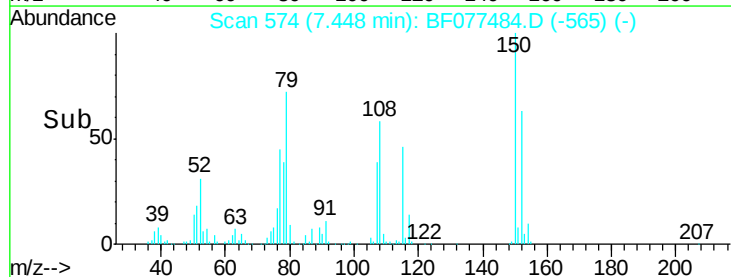
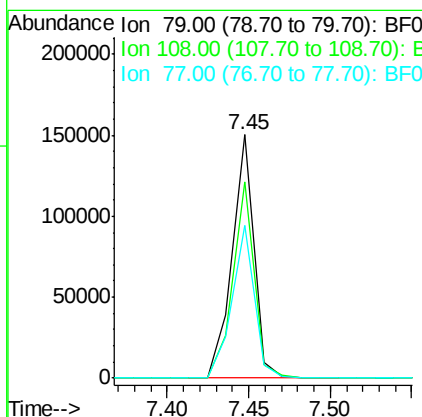
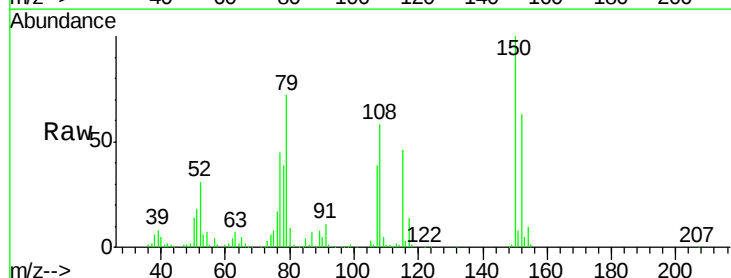
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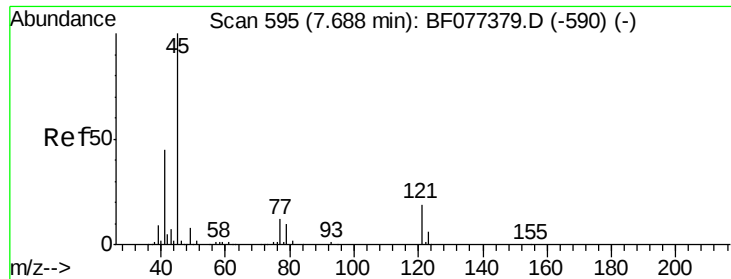
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#15
 Benzyl Alcohol
 Concen: 29.27 ng
 RT: 7.45 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	138052		
108	80.5	58.3	87.5	
77	62.7	51.3	76.9	





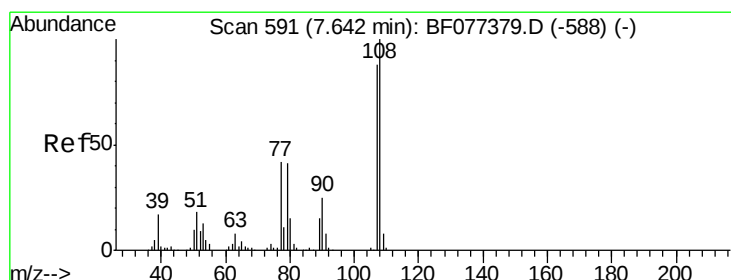
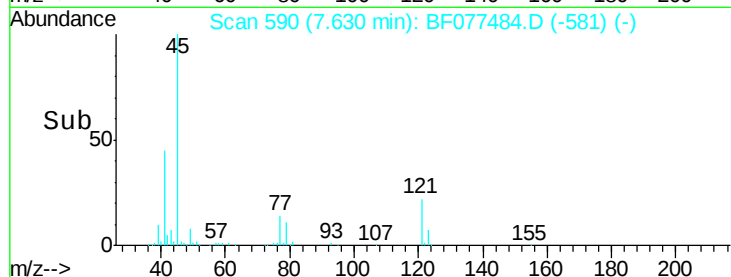
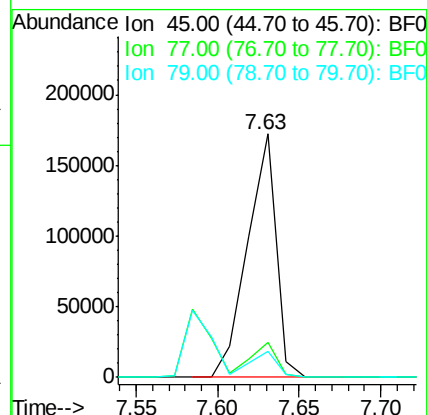
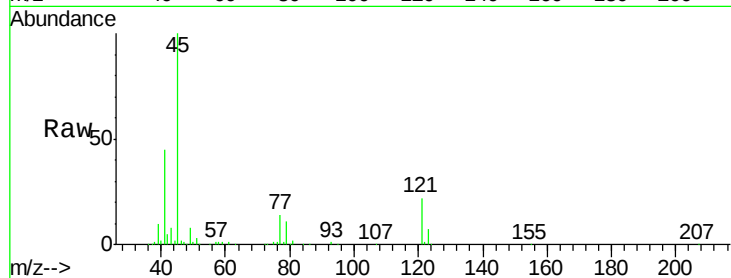
#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.78 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Upper
45	100		
77	14.5	0.0	34.6
79	10.8	0.0	31.5

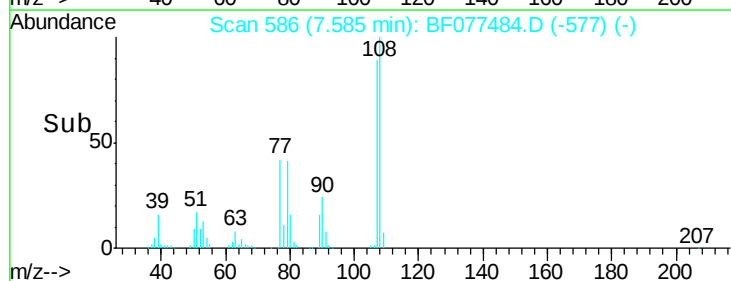
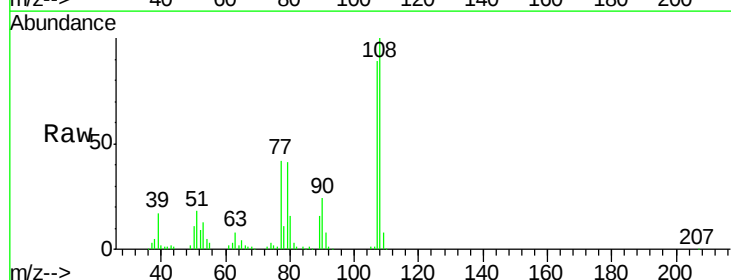
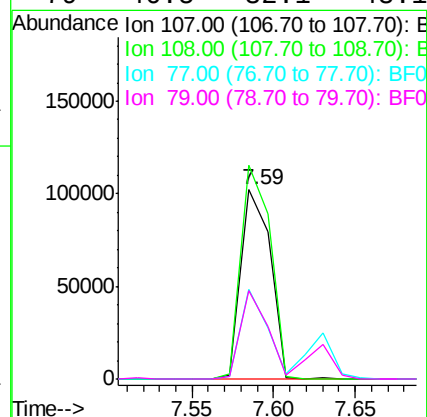
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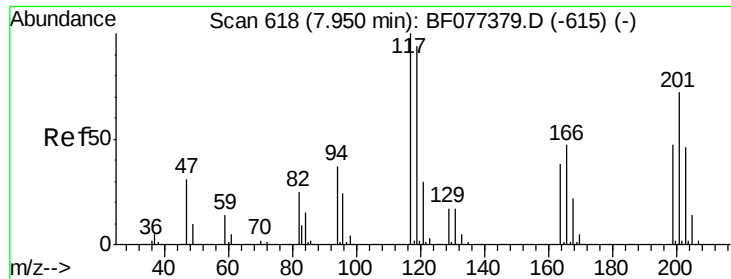
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#17
2-Methylphenol
Concen: 28.57 ng
RT: 7.59 min Scan# 586
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	112.9	91.2	136.8
77	47.4	33.6	50.4
79	46.5	32.1	48.1





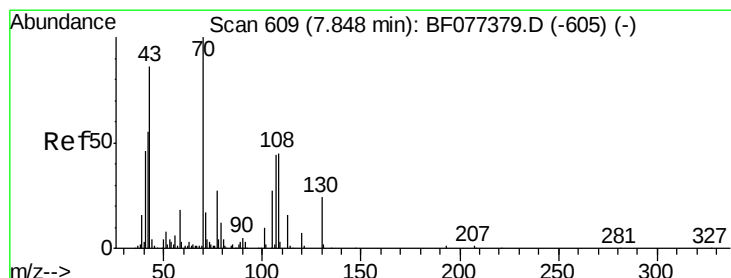
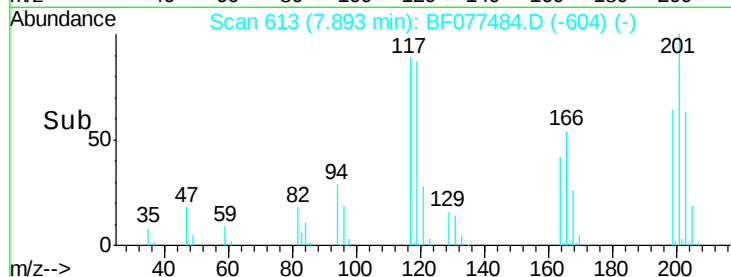
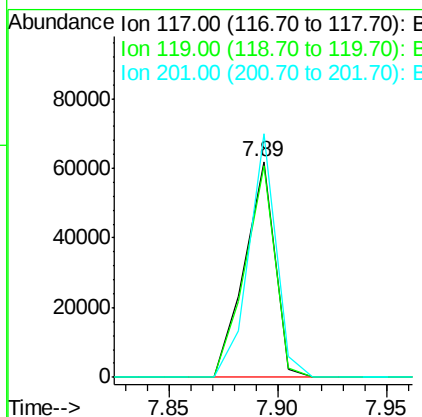
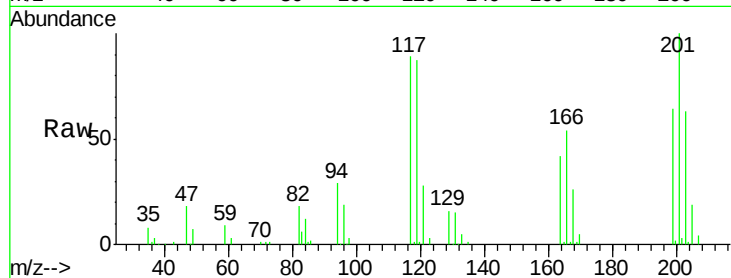
#18
Hexachloroethane
Concen: 28.56 ng
RT: 7.89 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.8	116.8
201	112.7	90.6	136.0

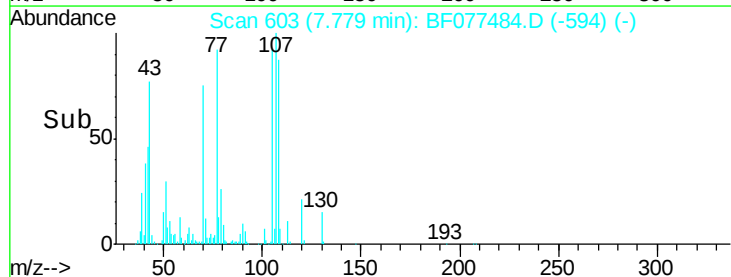
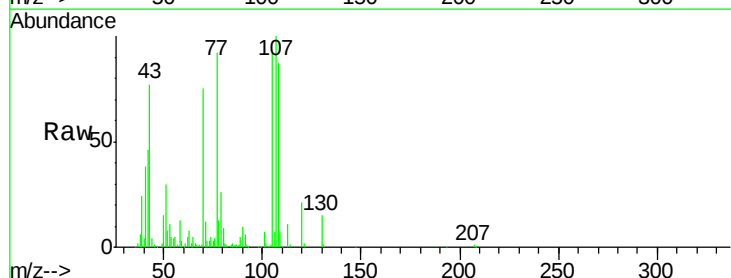
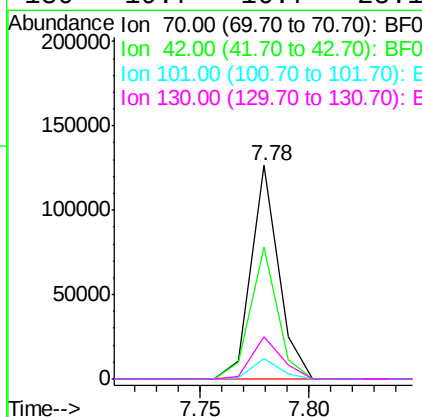
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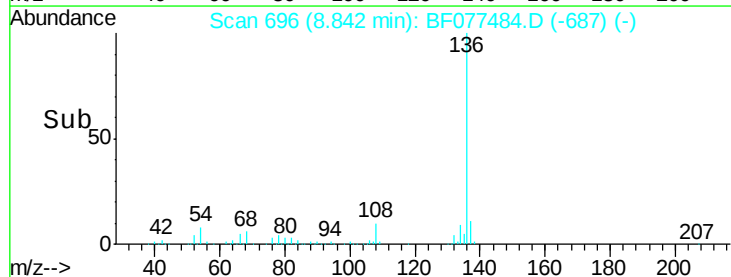
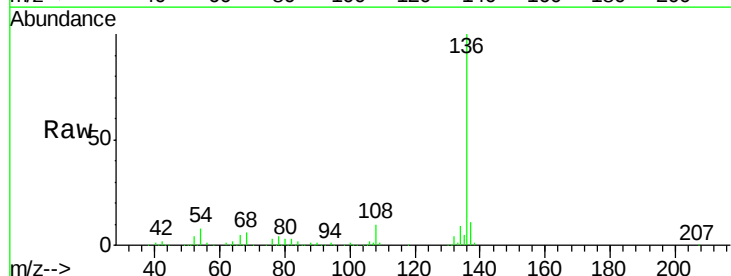
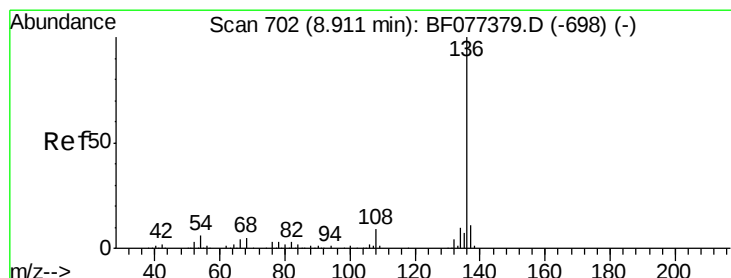
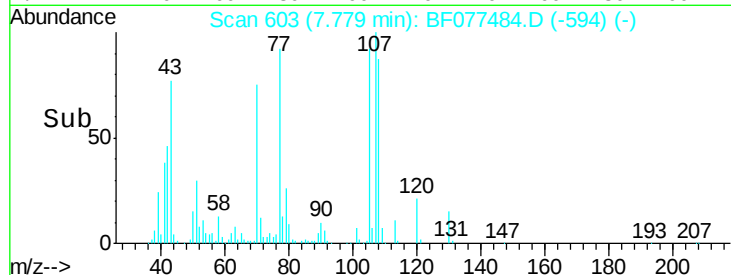
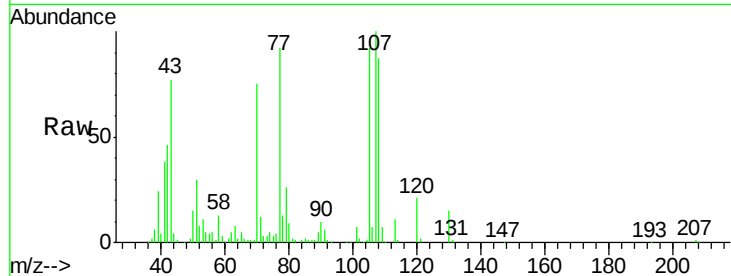
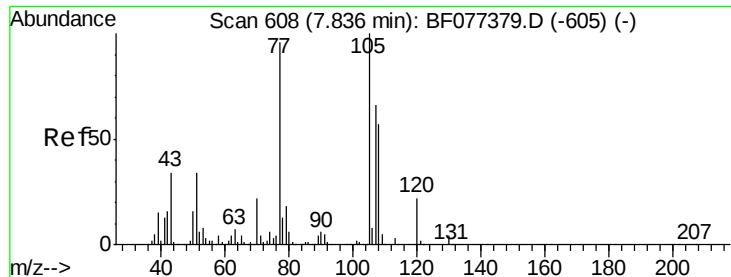
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#19
n-Nitroso-di-n-propylamine
Concen: 28.28 ng
RT: 7.78 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
70	100		
42	61.5	48.3	72.5
101	9.5	7.5	11.3
130	19.7	16.7	25.1





#20

3+4-Methylphenols

Concen: 28.90 ng

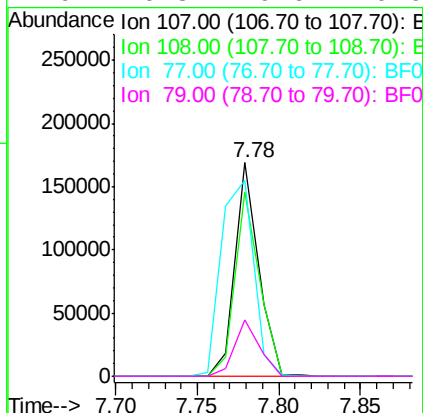
RT: 7.78 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	169353		
108	86.5	76.8	116.8	
77	92.0	65.8	105.8	
79	26.3	9.6	49.6	



Instrument :

BNA_F

ClientSampleId :

PB81906BS

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#21

Naphthalene-d8

Concen: 20.00 ng

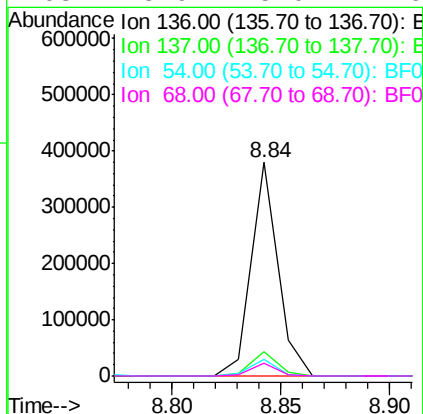
RT: 8.84 min Scan# 696

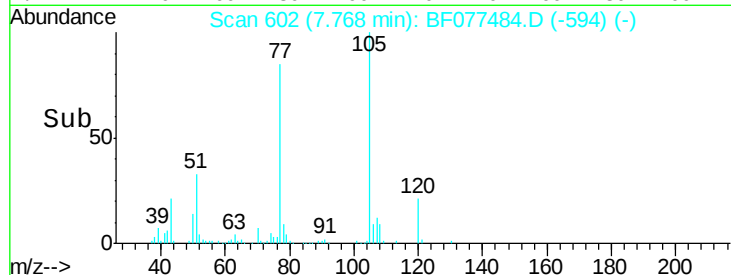
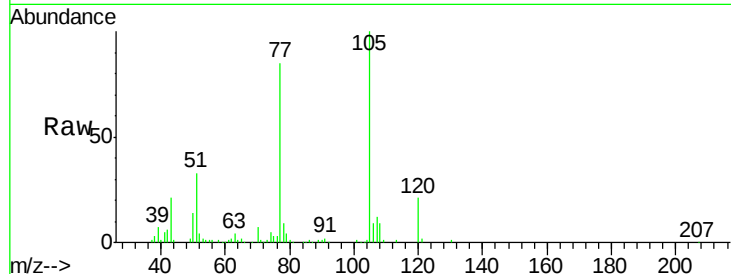
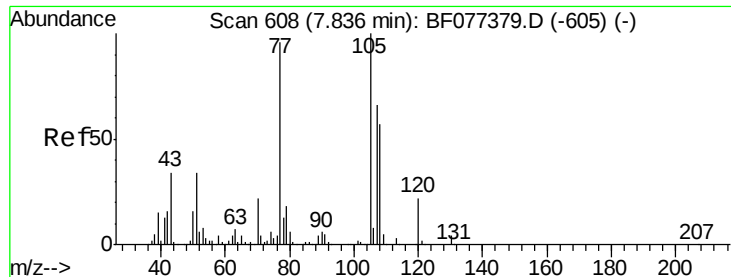
Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

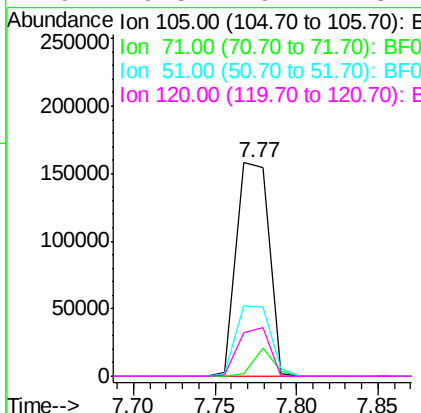
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	325272		
137	11.2	8.6	13.0	
54	7.8	6.2	9.4	
68	5.9	5.0	7.6	





#22
Acetophenone
Concen: 28.53 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

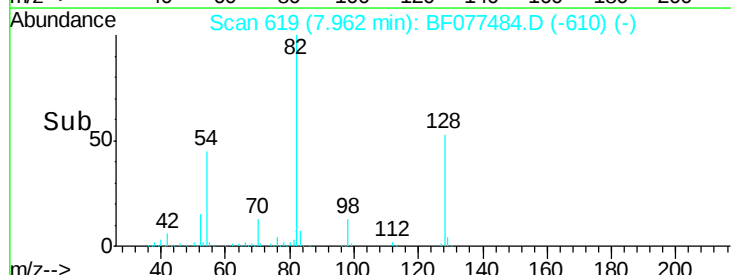
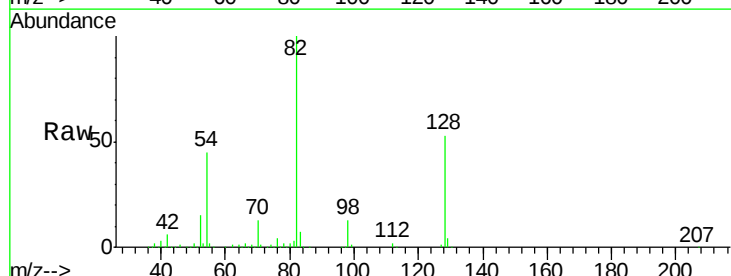
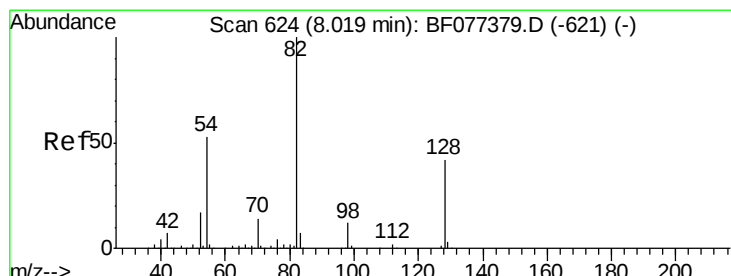
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	218270		
71	71	1.2	1.7	2.5	#
51	51	33.0	30.7	46.1	
120	120	20.5	16.7	25.1	



Instrument :
BNA_F
ClientSampleId :
PB81906BS

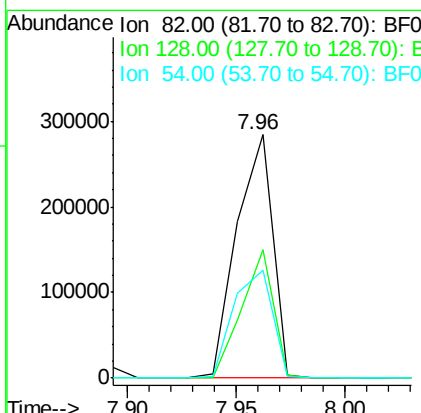
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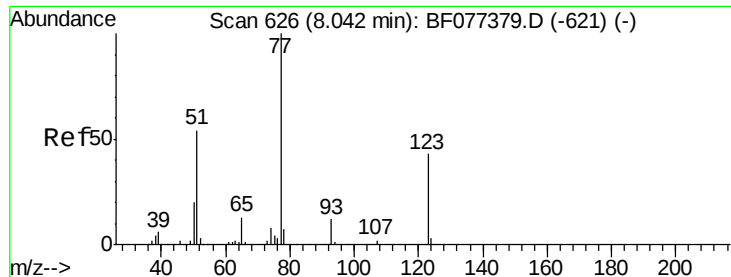
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#23
Nitrobenzene-d5
Concen: 62.44 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	326581		
128	128	52.8	43.8	65.8	
54	54	44.5	36.7	55.1	





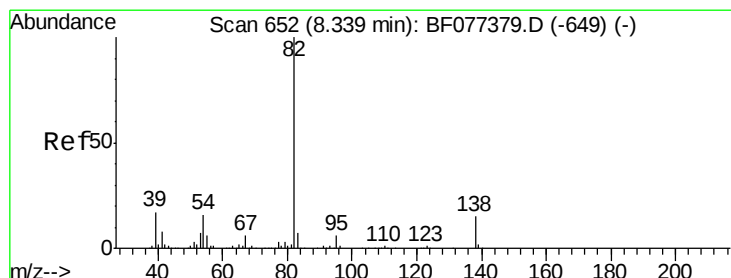
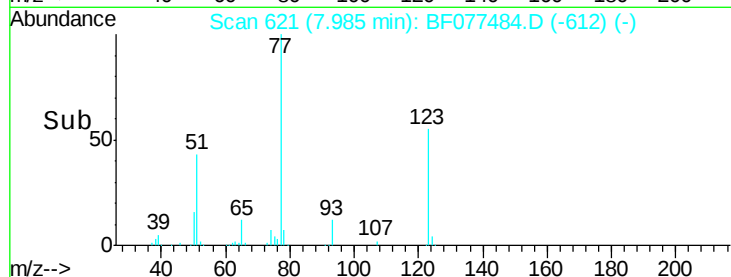
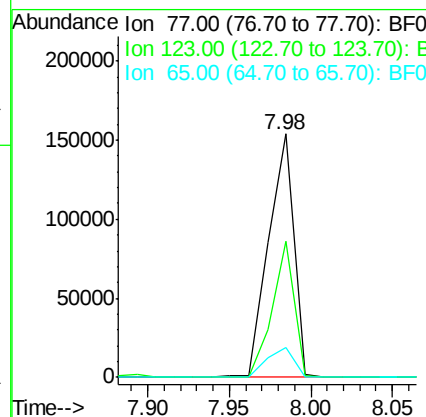
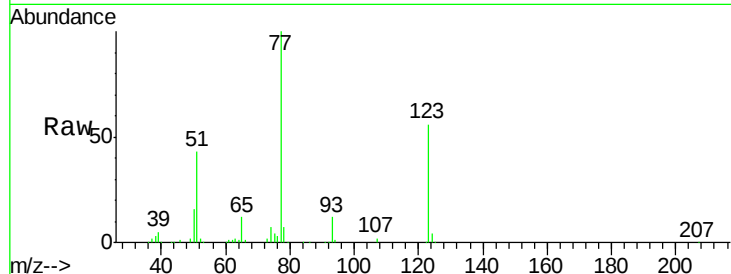
#24
 Nitrobenzene
 Concen: 30.27 ng
 RT: 7.98 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.9	45.9	68.9
65	12.3	9.5	14.3

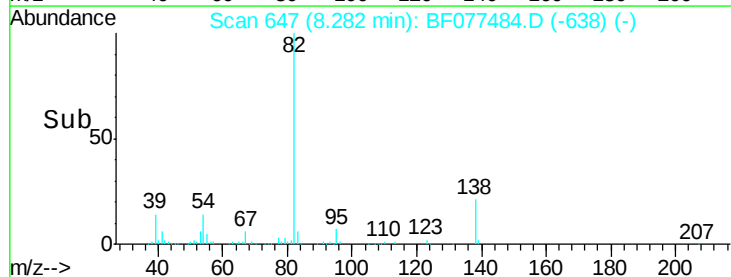
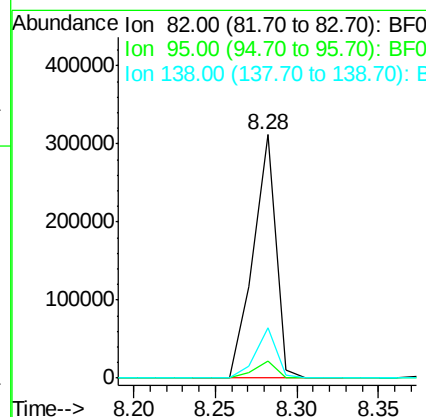
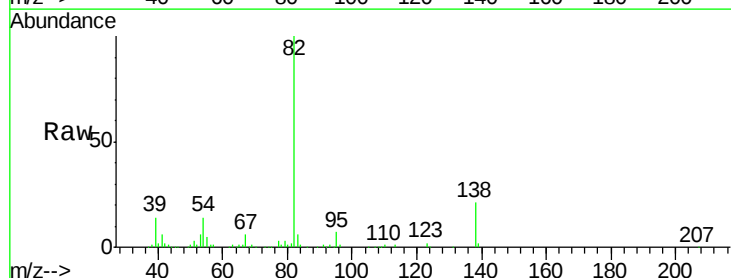
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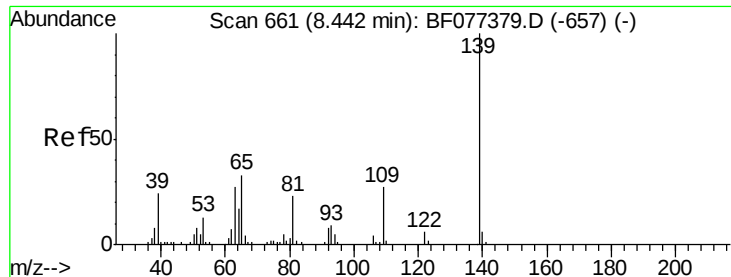
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#25
 Isophorone
 Concen: 29.10 ng
 RT: 8.28 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	20.7	16.3	24.5





#26

2-Nitrophenol

Concen: 33.79 ng

RT: 8.37 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

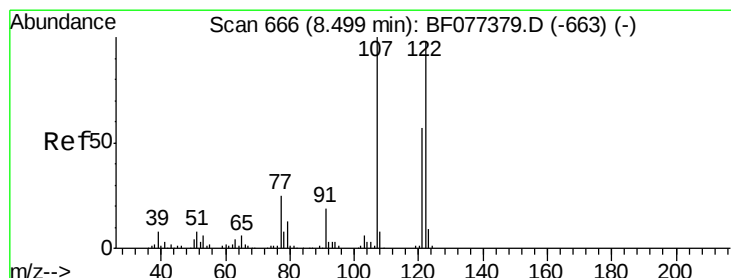
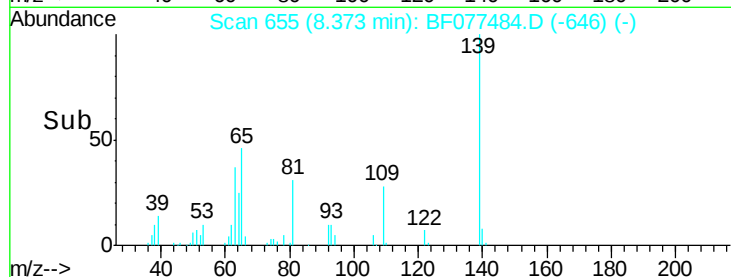
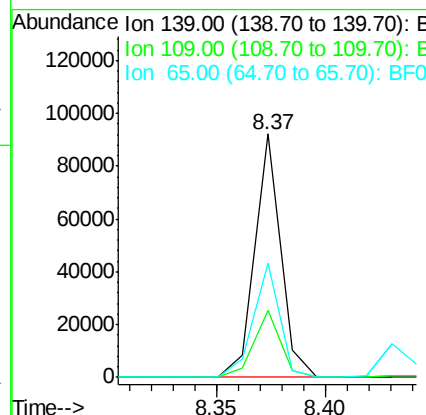
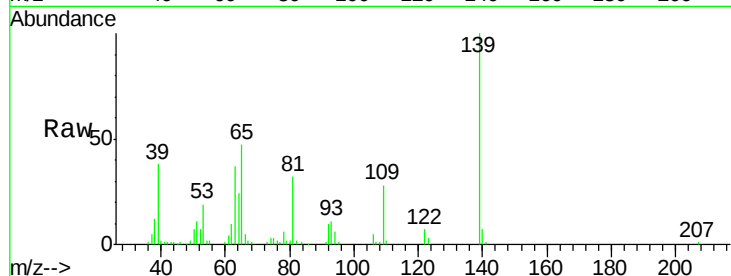
ClientSampled :

PB81906BS

Tgt Ion:	139	Resp:	76221
Ion Ratio	Lower	Upper	
139	100		
109	27.7	22.6	34.0
65	46.9	36.4	54.6

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#27

2,4-Dimethylphenol

Concen: 28.39 ng

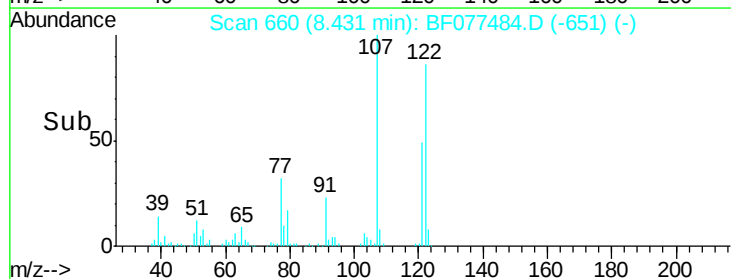
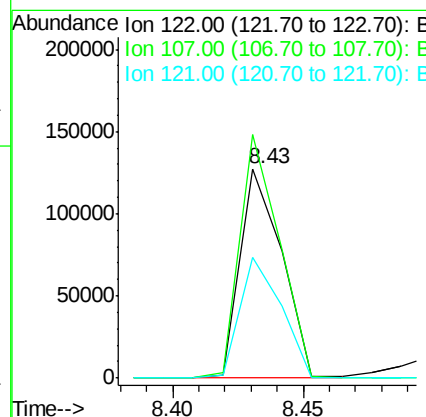
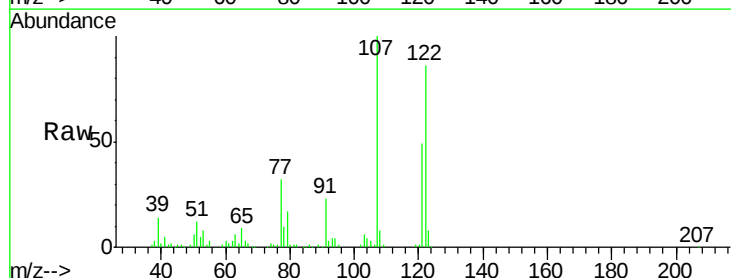
RT: 8.43 min Scan# 660

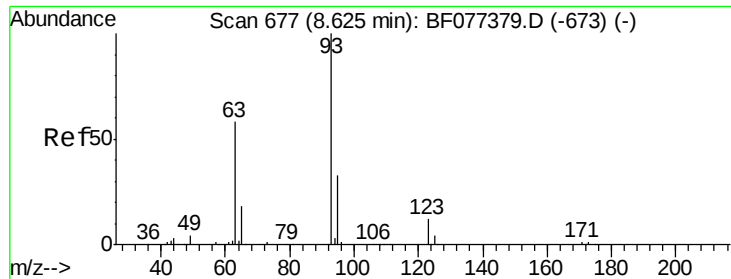
Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	122	Resp:	143257
Ion Ratio	Lower	Upper	
122	100		
107	116.3	86.6	130.0
121	57.5	47.4	71.0





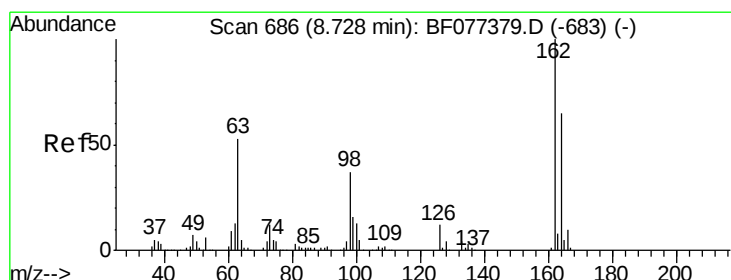
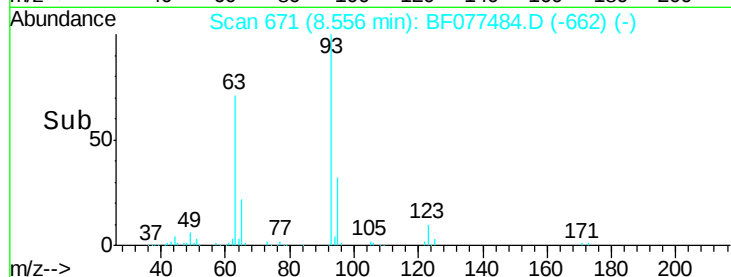
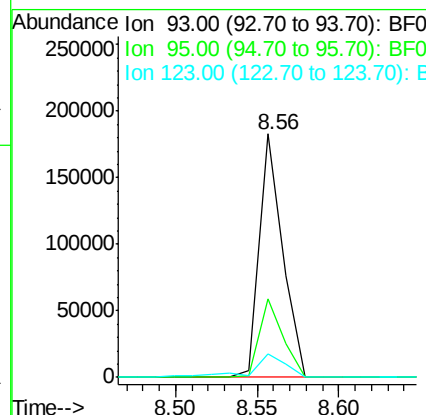
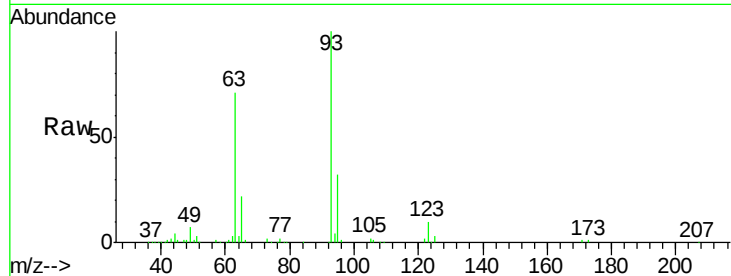
#28
bis(2-Chloroethoxy)methane
Concen: 27.66 ng
RT: 8.56 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleID :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
95	32.3	26.4	39.6
123	9.7	8.7	13.1

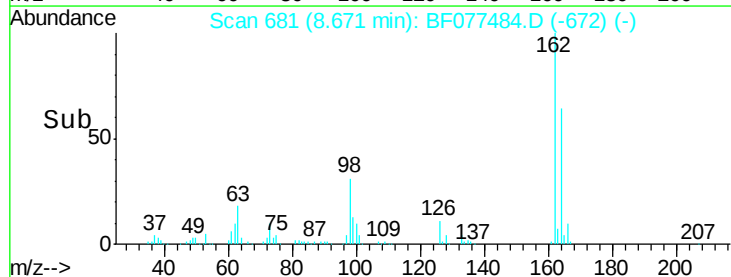
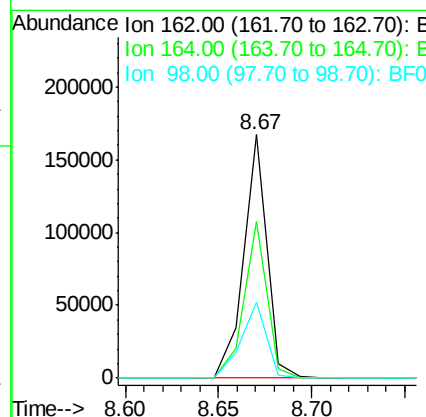
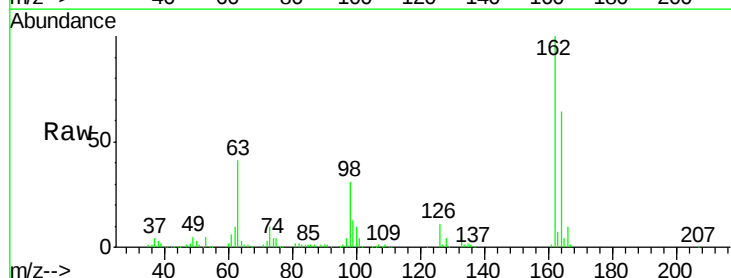
Manual Integrations
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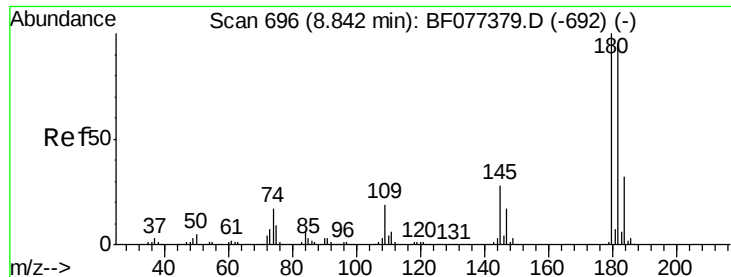
apatel
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#29
2,4-Dichlorophenol
Concen: 30.90 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	46.4	86.4
98	31.0	6.9	46.9





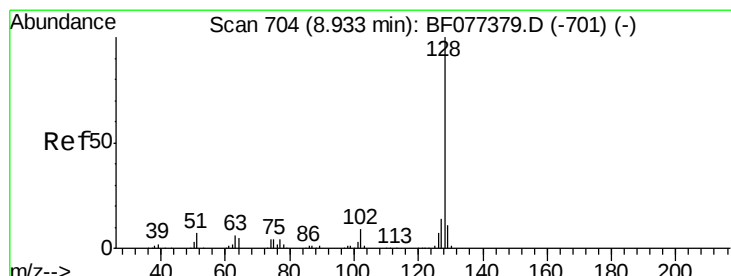
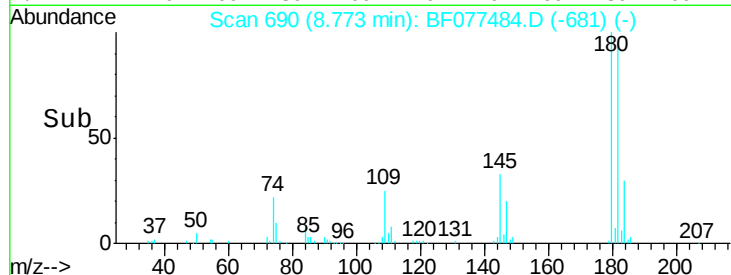
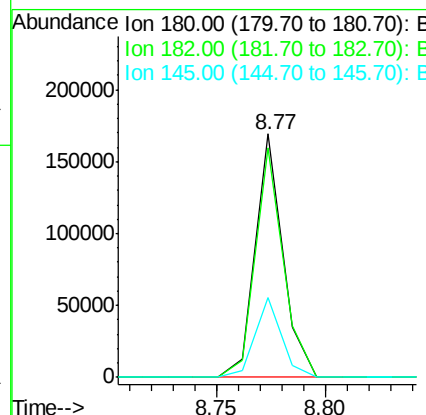
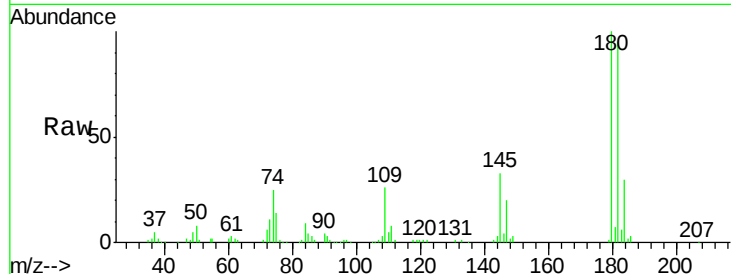
#30
 1,2,4-Trichlorobenzene
 Concen: 28.50 ng
 RT: 8.77 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148451		
182	94.5	76.2	114.4	
145	32.8	24.5	36.7	

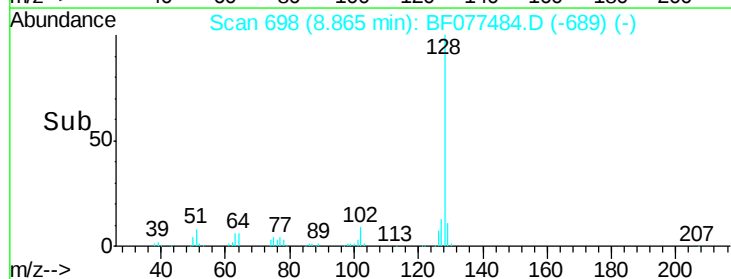
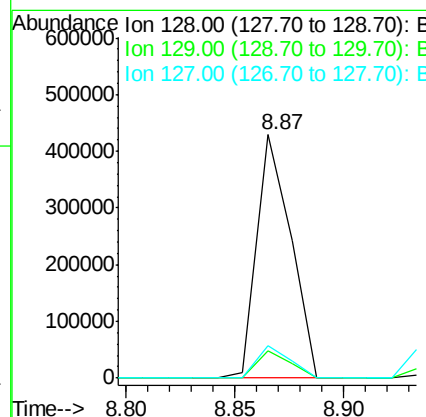
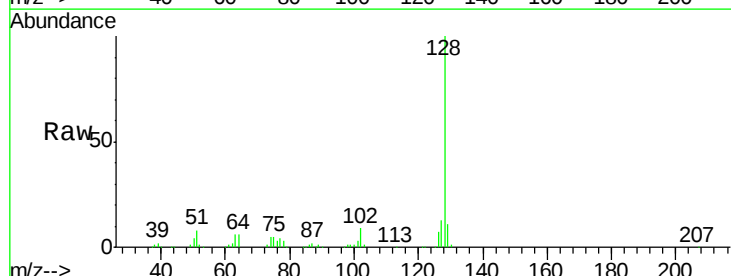
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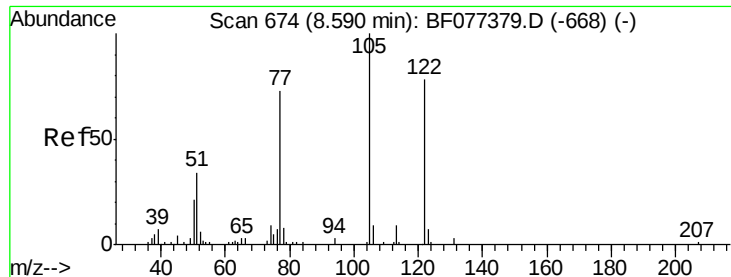
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#31
 Naphthalene
 Concen: 28.81 ng
 RT: 8.87 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	468703		
129	11.3	9.4	14.0	
127	13.2	10.6	15.8	





#32

Benzoic acid

Concen: 31.10 ng

RT: 8.52 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

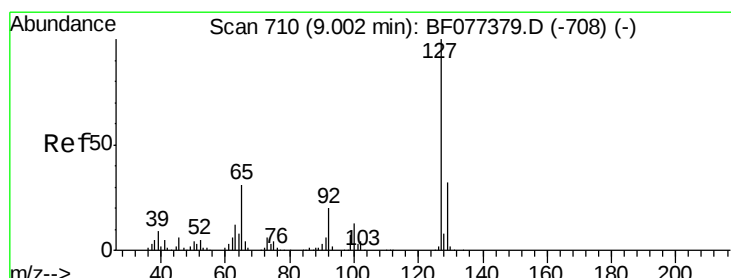
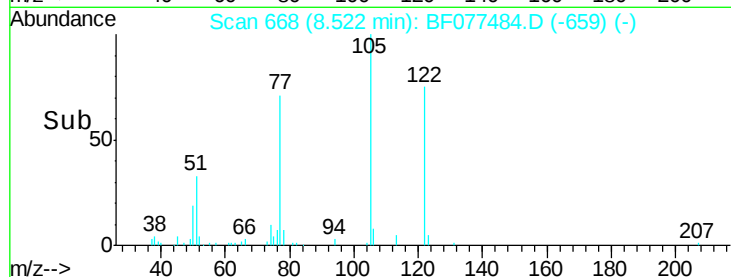
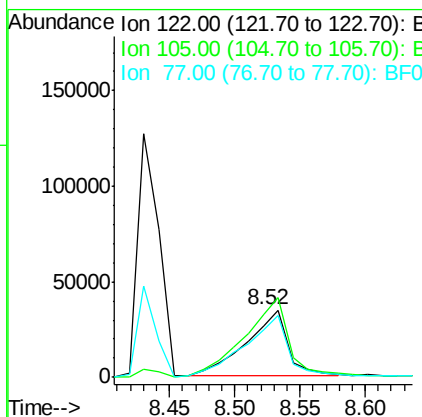
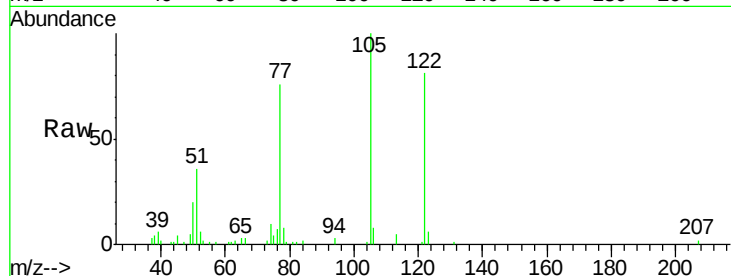
ClientSampleId :

PB81906BS

Tgt Ion:	122	Resp:	76258
Ion Ratio	Lower	Upper	
122	100		
105	122.8	100.3	140.3
77	93.0	68.7	108.7

Manual Integrations
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#33

4-Chloroaniline

Concen: 15.24 ng

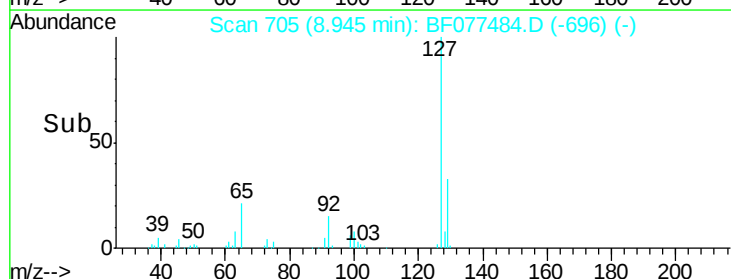
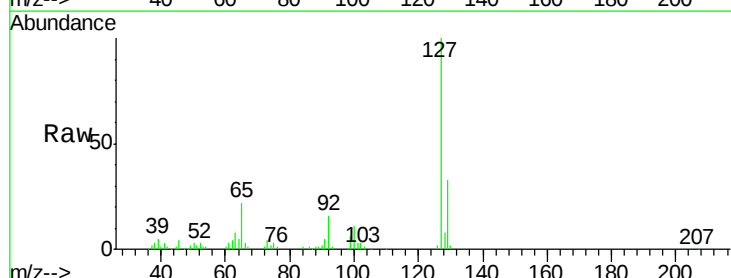
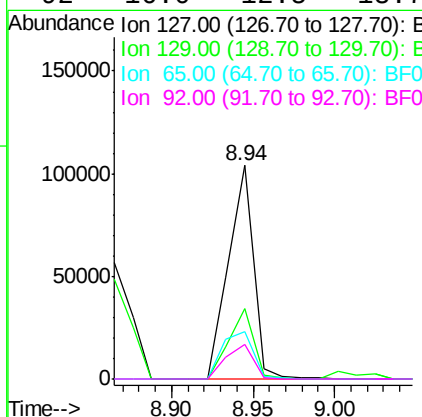
RT: 8.94 min Scan# 705

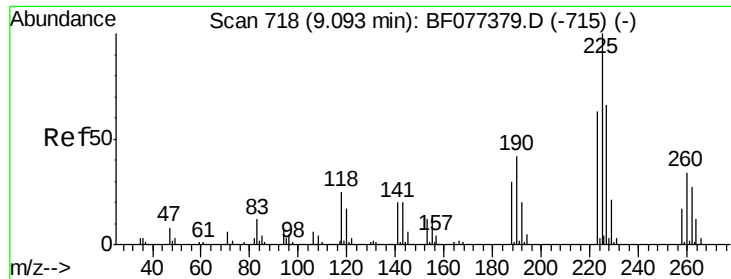
Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	127	Resp:	110222
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.9	40.3
65	22.1	16.7	25.1
92	16.0	12.5	18.7





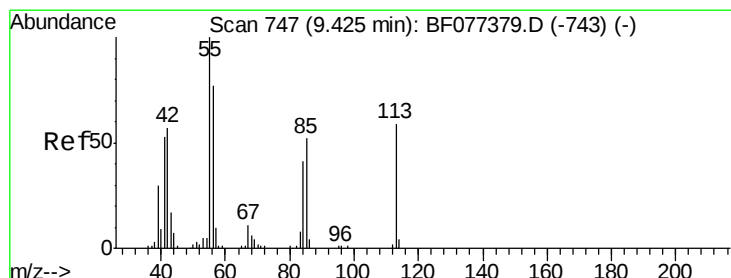
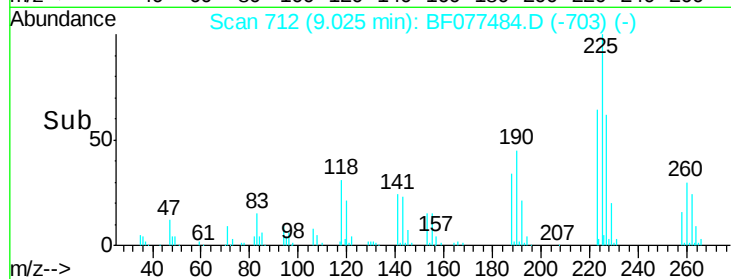
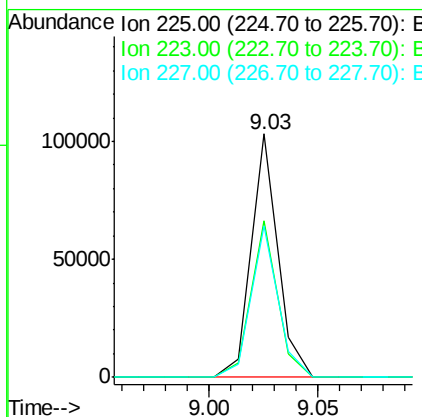
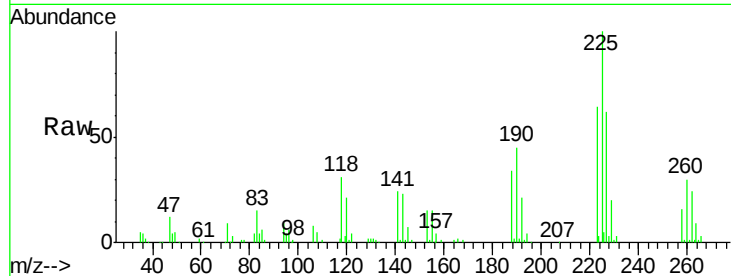
#34
Hexachlorobutadiene
Concen: 29.59 ng
RT: 9.03 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	64.3	49.5	74.3
227	62.0	50.5	75.7

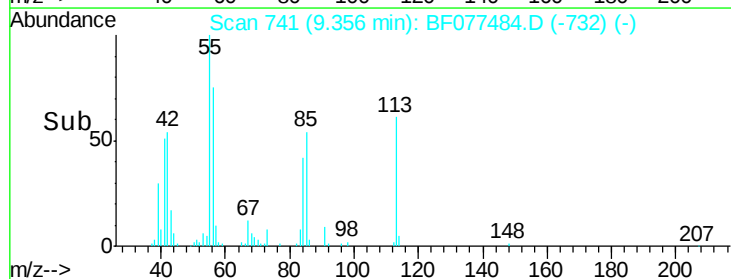
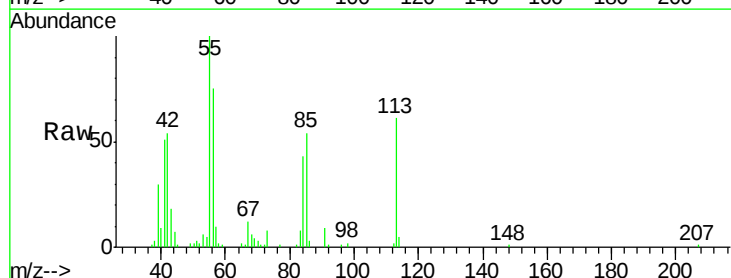
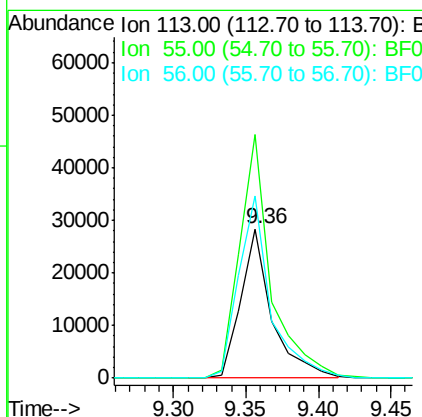
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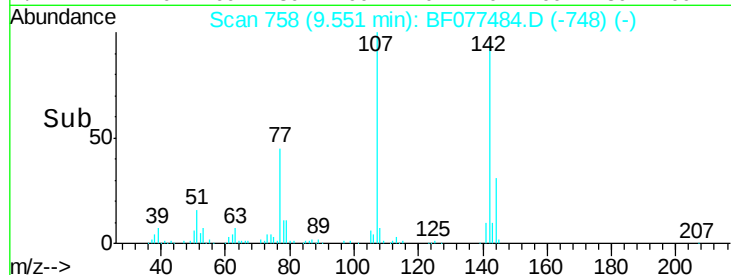
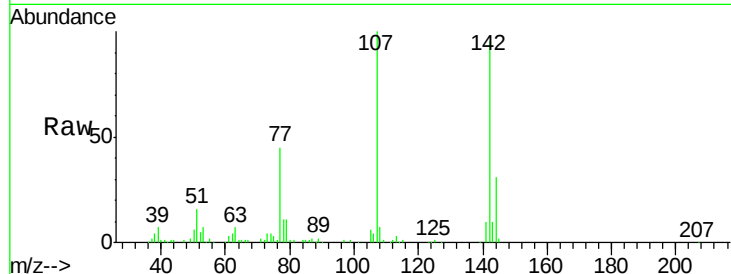
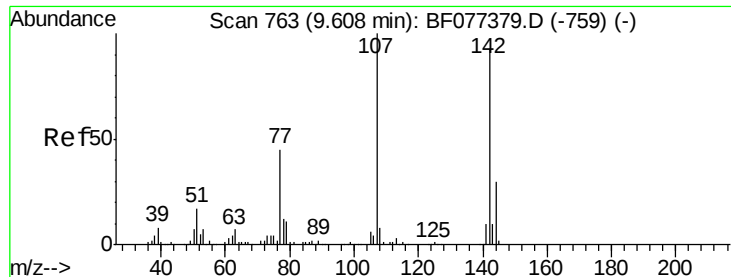
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#35
Caprolactam
Concen: 29.32 ng
RT: 9.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	163.5	154.6	194.6
56	122.3	114.0	154.0





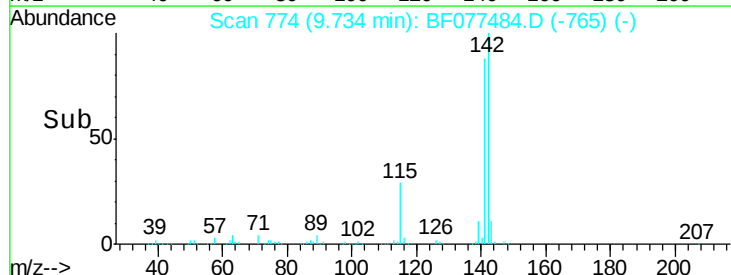
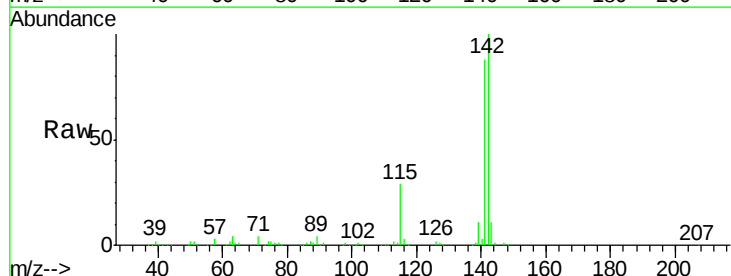
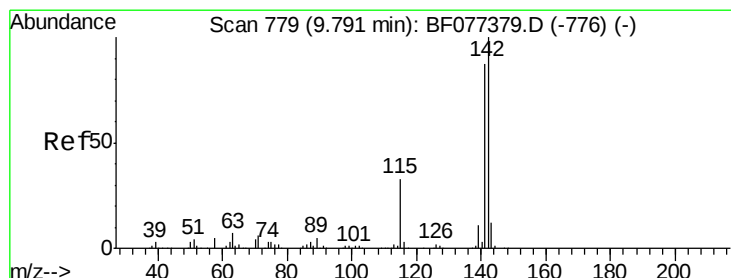
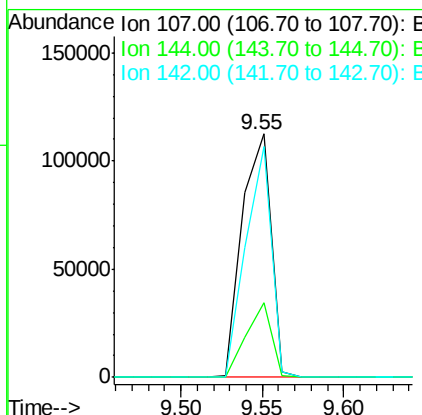
#36
4-Chloro-3-methylphenol
Concen: 29.08 ng
RT: 9.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	138479		
144	30.6	21.1	31.7	
142	94.6	65.3	97.9	

Instrument :
BNA_F
ClientSampleId :
PB81906BS

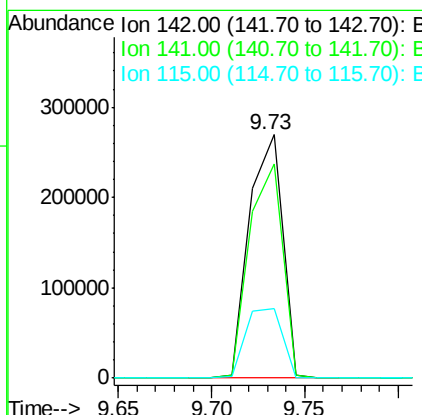
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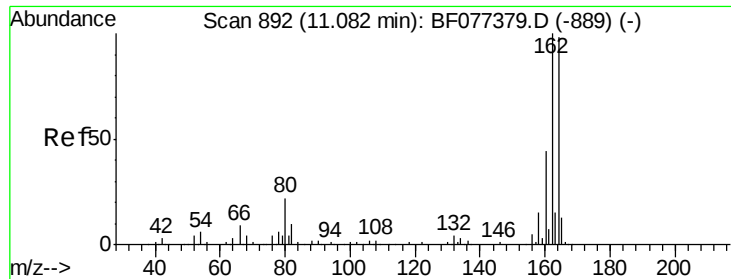
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#37
2-Methylnaphthalene
Concen: 28.84 ng
RT: 9.73 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	333150		
141	88.1	70.7	106.1	
115	28.6	24.2	36.4	





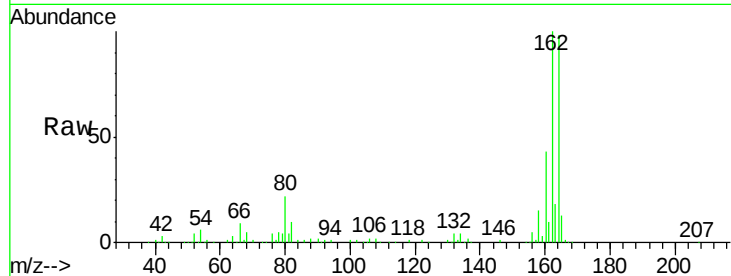
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170892		
162	101.8	83.2	124.8	
160	44.1	34.6	52.0	

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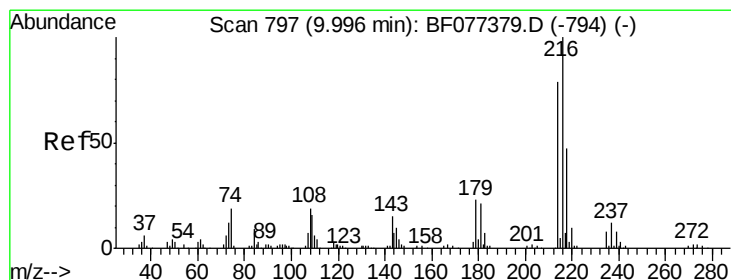
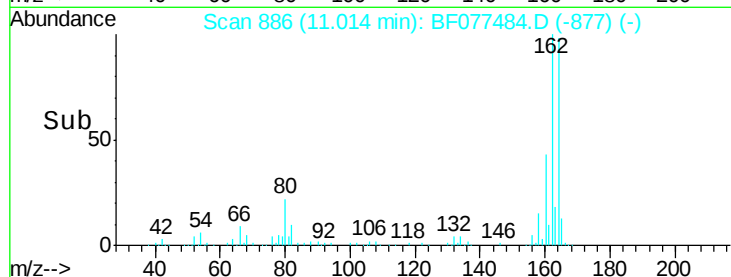
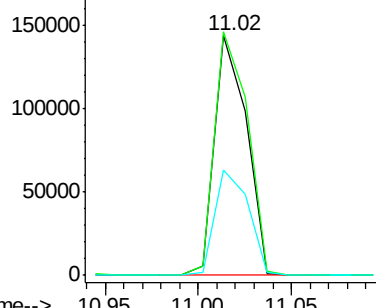


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.59 ng
RT: 9.93 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	149999		
214	78.5	63.4	95.0	
179	21.1	16.6	25.0	
108	20.6	14.2	21.4	

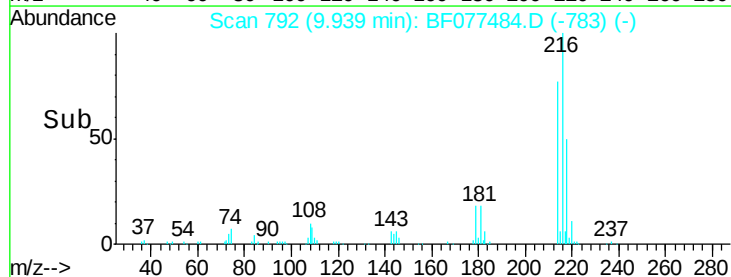
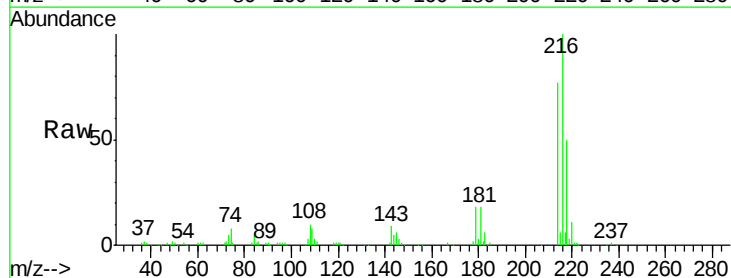
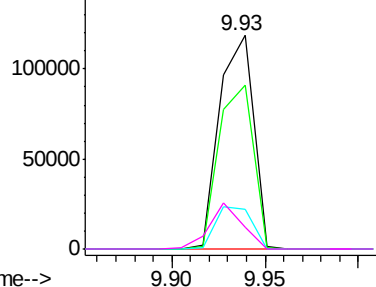
Abundance

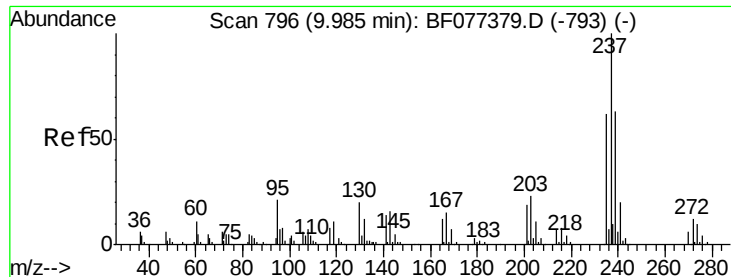
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





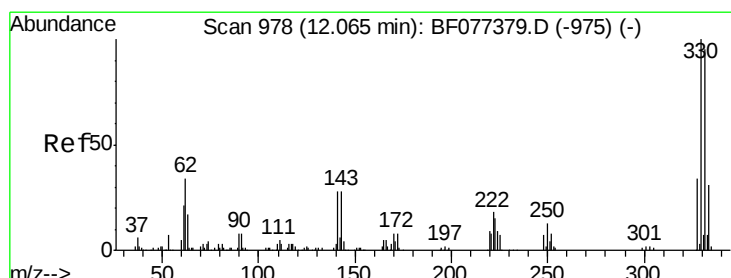
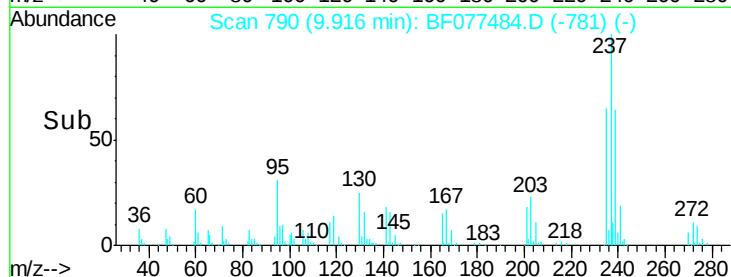
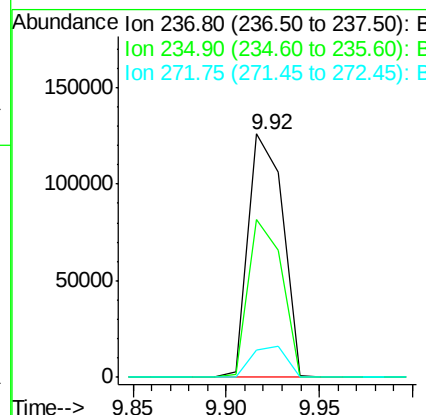
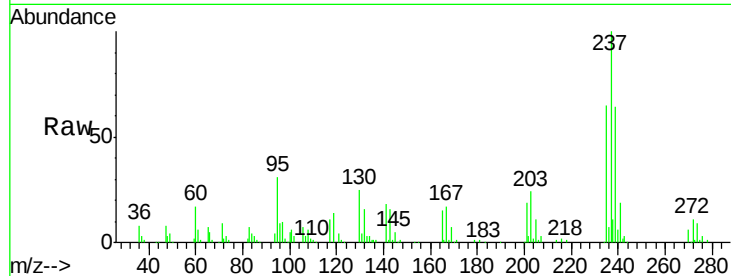
#40
Hexachlorocyclopentadiene
Concen: 61.60 ng
RT: 9.92 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	65.0	41.0	81.0
272	11.3	0.0	34.3

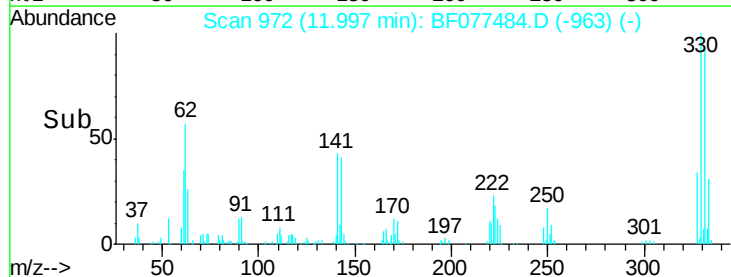
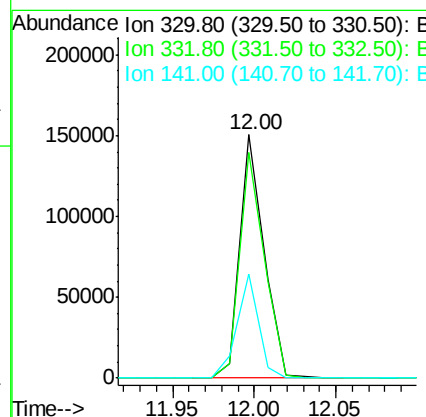
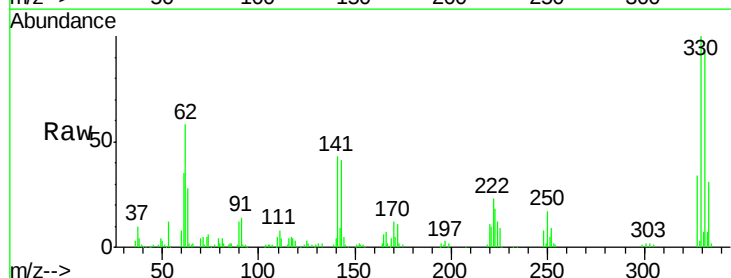
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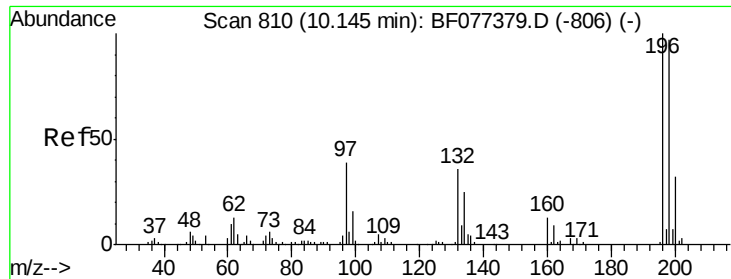
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#41
2,4,6-Tribromophenol
Concen: 93.43 ng
RT: 12.00 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.7	77.4	116.2
141	37.9	28.8	43.2





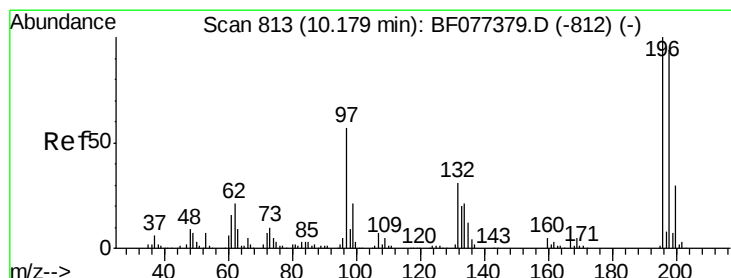
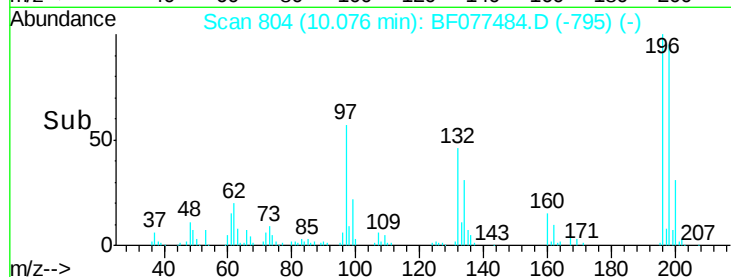
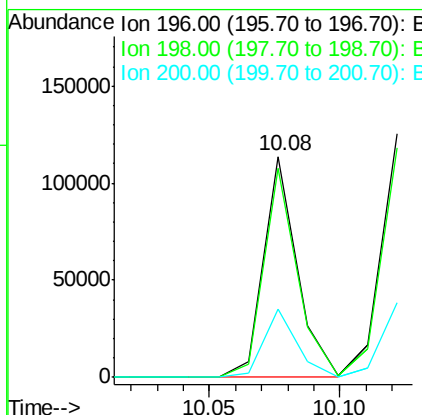
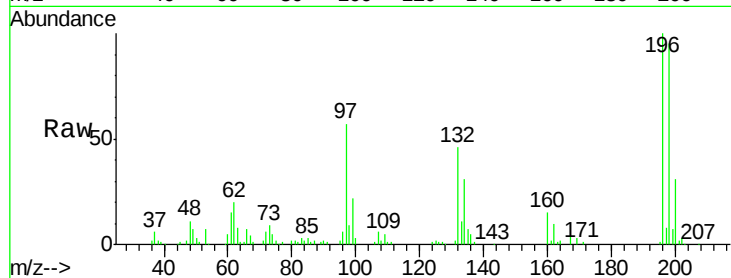
#42
 2,4,6-Trichlorophenol
 Concen: 31.53 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102399		
198	94.8	75.8	113.8	
200	31.2	24.2	36.4	

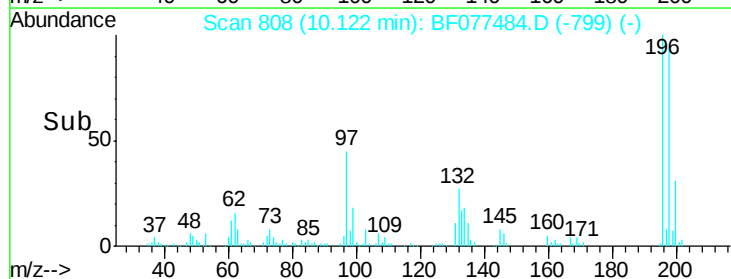
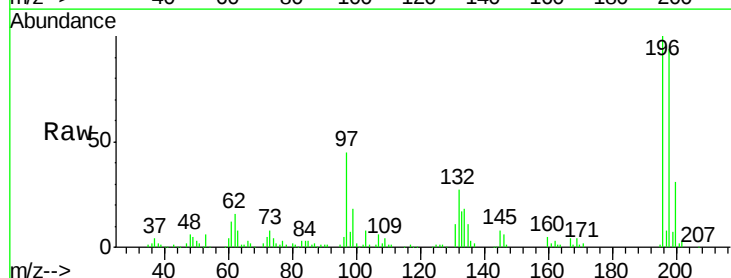
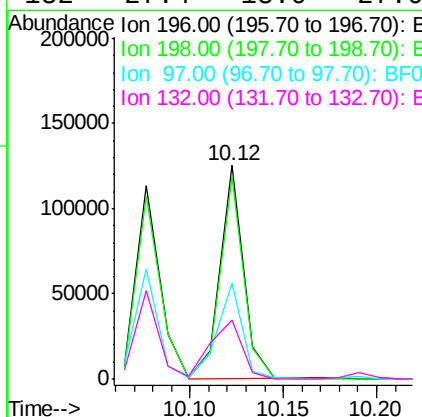
Manual Integrations
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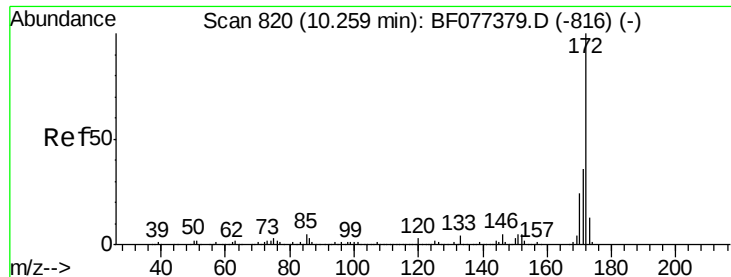
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#43
 2,4,5-Trichlorophenol
 Concen: 31.82 ng
 RT: 10.12 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	110477		
198	94.5	77.2	115.8	
97	45.0	27.7	41.5#	
132	27.4	18.0	27.0#	





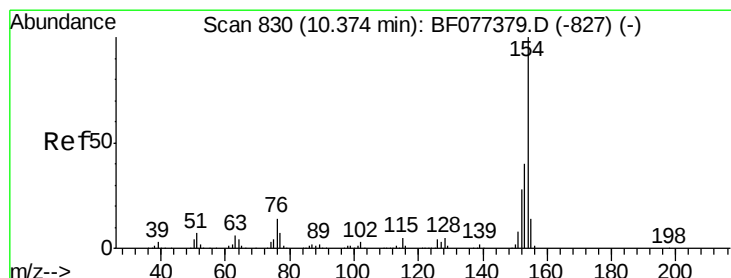
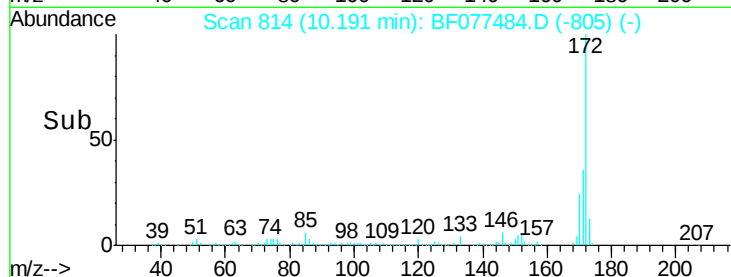
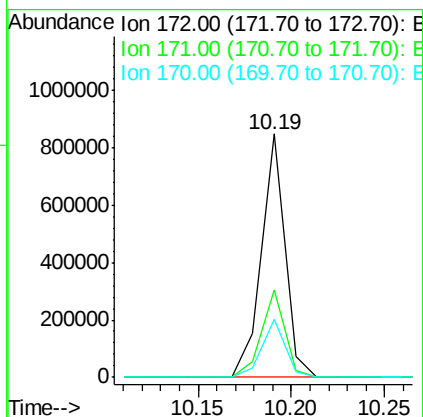
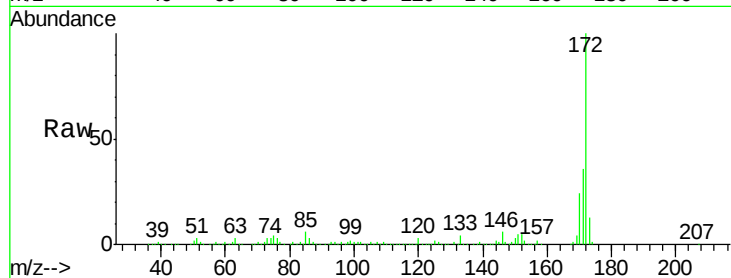
#44
2-Fluorobiphenyl
Concen: 67.23 ng
RT: 10.19 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampled :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.1	28.9	43.3
170	23.8	19.4	29.2

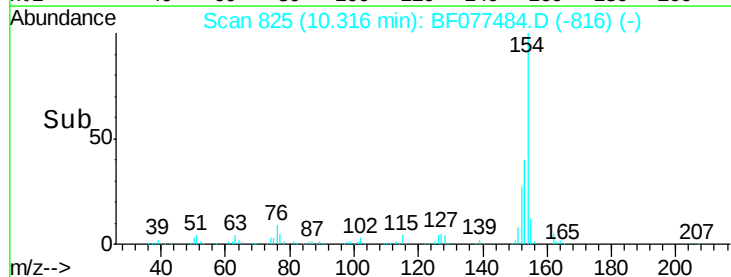
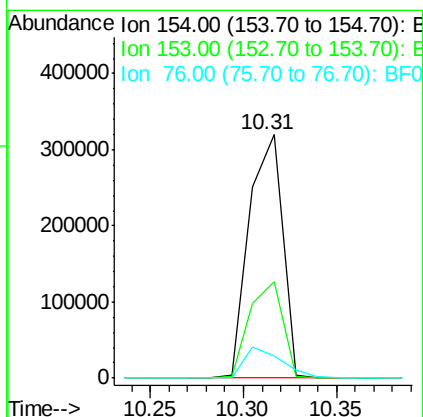
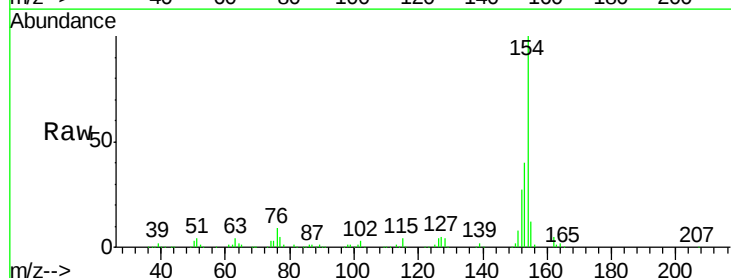
Manual Integrations
APPROVED

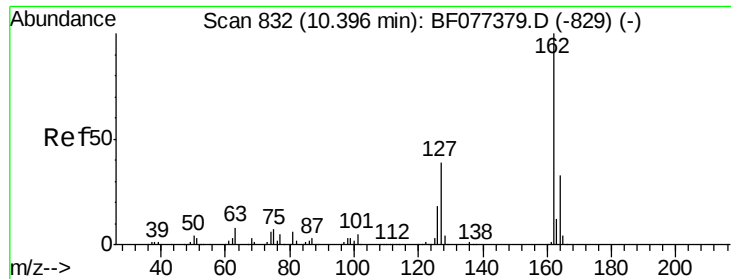
apatel
2/27/2015 4:21:27 PM



#45
1,1'-Biphenyl
Concen: 30.59 ng
RT: 10.31 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.6	20.2	60.2
76	8.9	0.0	29.4





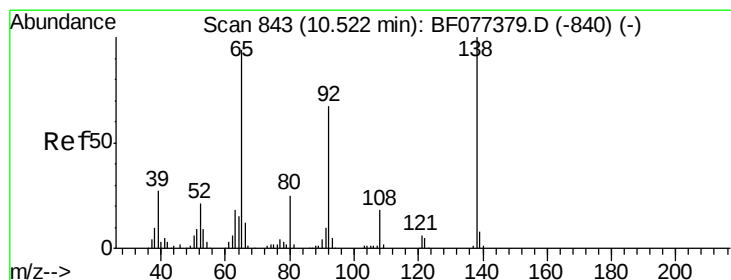
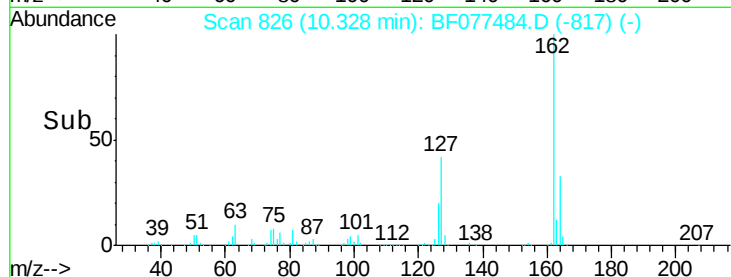
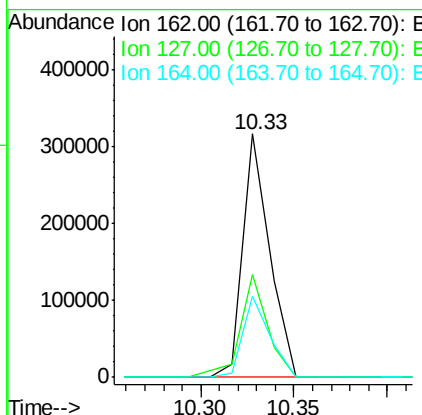
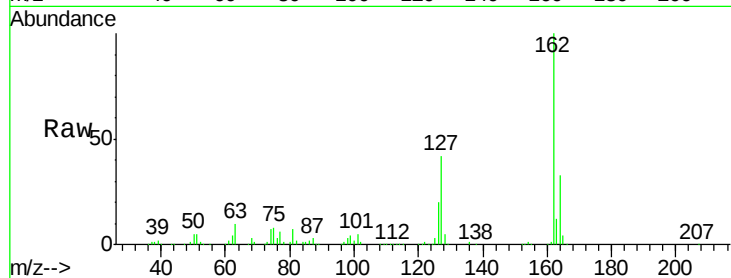
#46
2-Chloronaphthalene
Concen: 30.99 ng
RT: 10.33 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	42.2	33.3	49.9
164	33.2	26.2	39.4

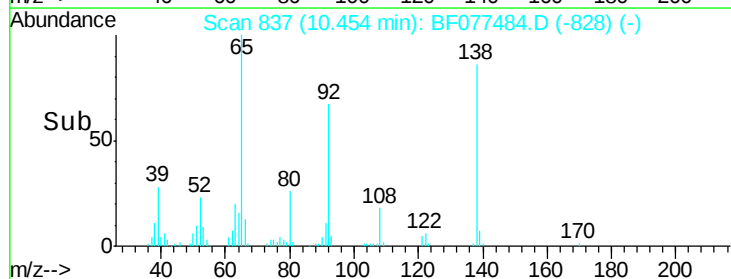
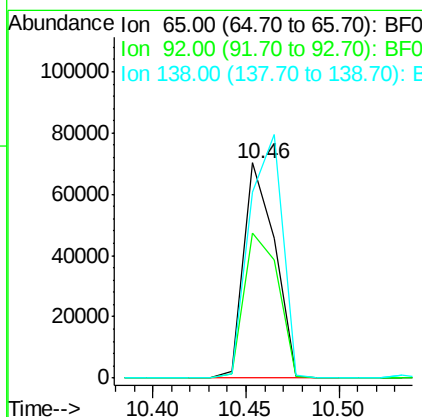
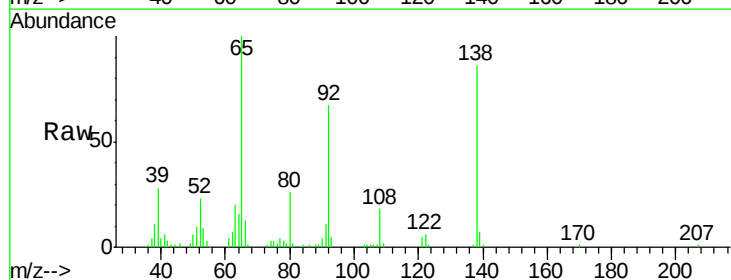
Manual Integrations
APPROVED

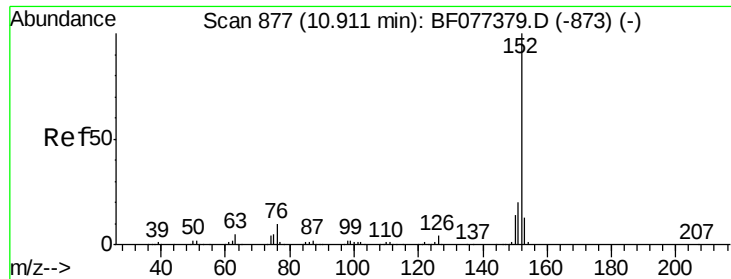
apatel
2/27/2015 4:21:27 PM



#47
2-Nitroaniline
Concen: 32.52 ng
RT: 10.46 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	67.1	52.4	78.6
138	86.4	73.4	110.0





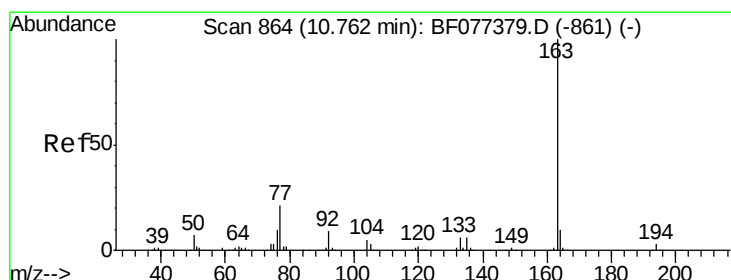
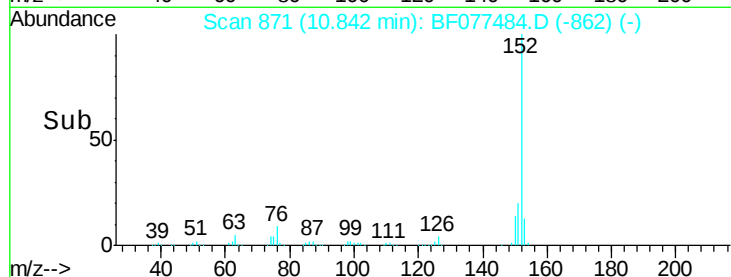
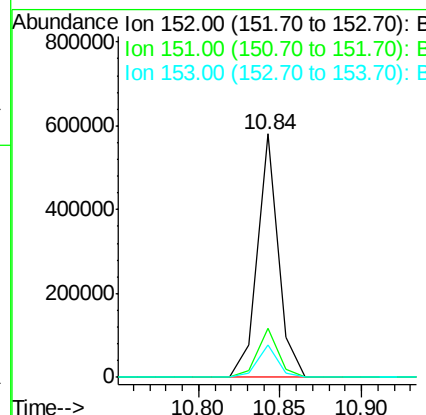
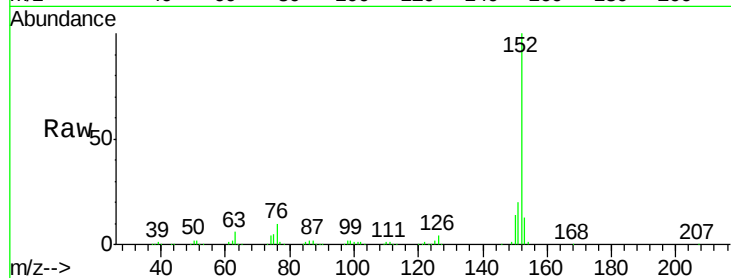
#48
Acenaphthylene
Concen: 32.20 ng
RT: 10.84 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	20.1	16.1	24.1
153	13.3	10.9	16.3

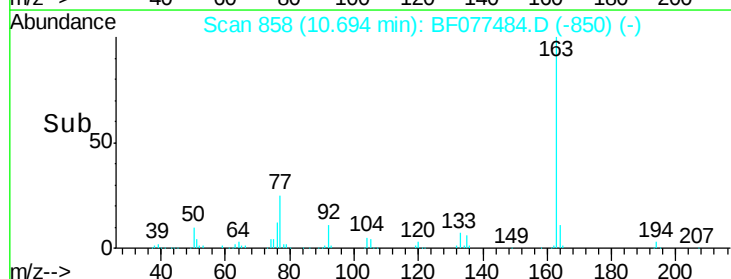
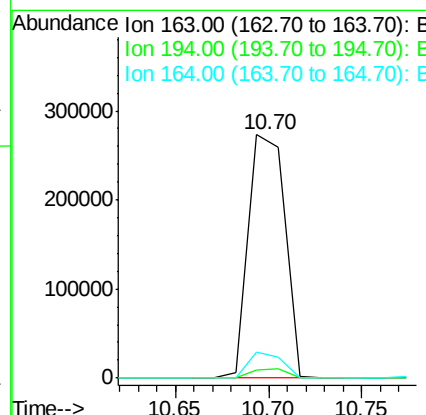
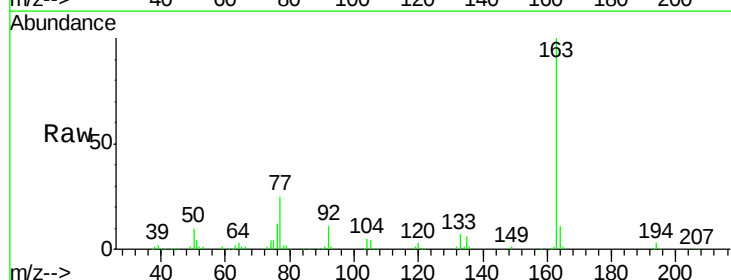
Manual Integrations
APPROVED

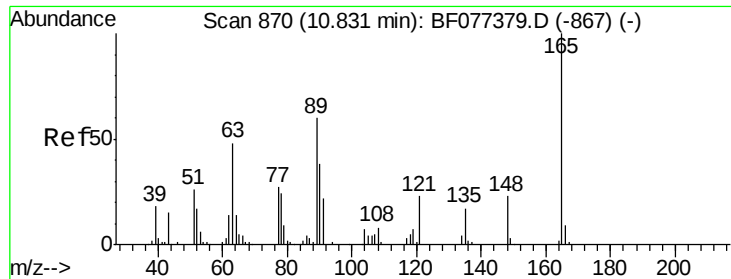
apatel
2/27/2015 4:21:27 PM



#49
Dimethylphthalate
Concen: 30.83 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	4.0
164	10.7	8.6	13.0





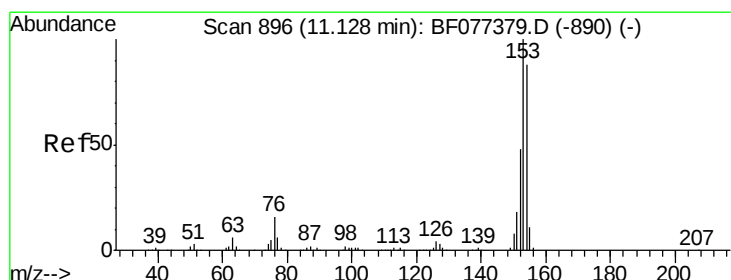
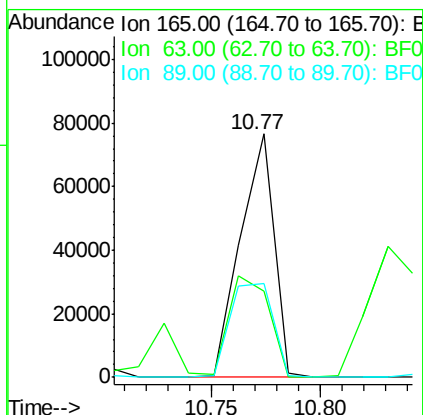
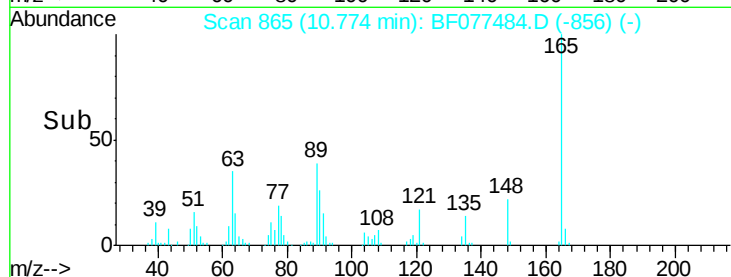
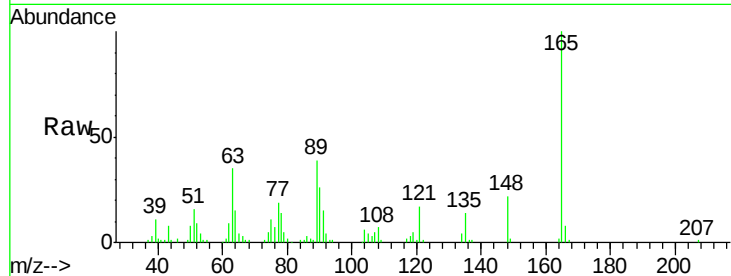
#50
2,6-Dinitrotoluene
Concen: 34.16 ng
RT: 10.77 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	82288		
63	35.2	25.2	37.8	
89	38.8	30.5	45.7	

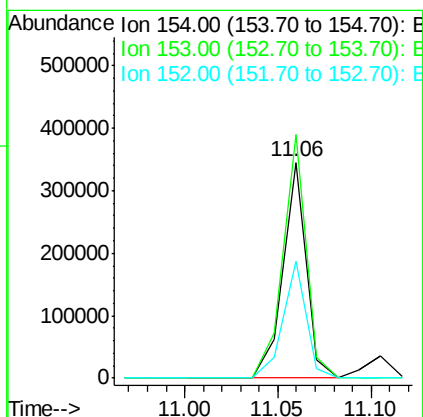
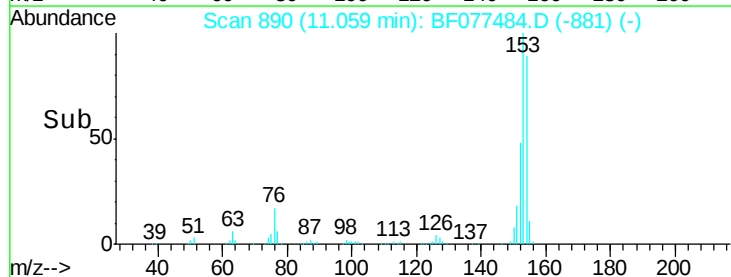
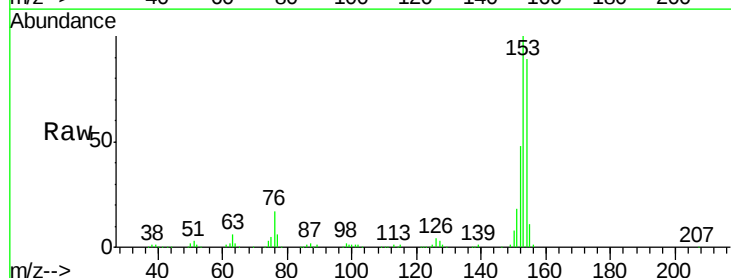
Manual Integrations
APPROVED

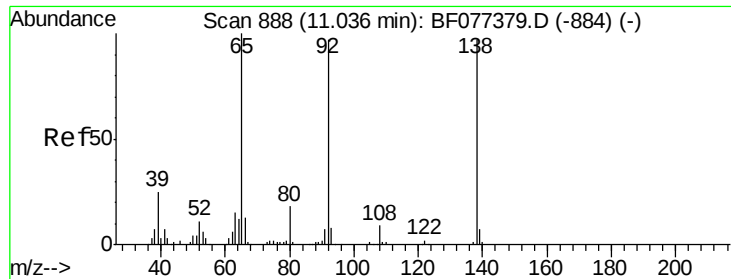
apatel
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#51
Acenaphthene
Concen: 31.29 ng
RT: 11.06 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	300101		
153	112.9	90.5	135.7	
152	54.0	43.5	65.3	





#52

3-Nitroaniline

Concen: 22.00 ng

RT: 10.97 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

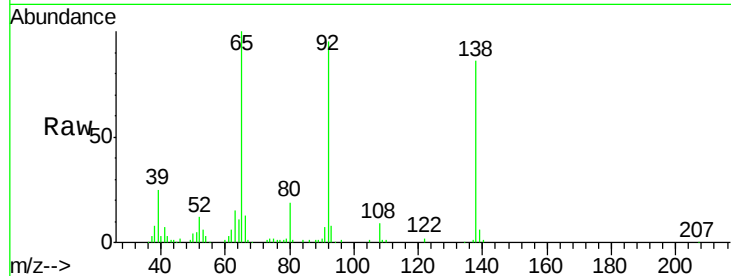
ClientSampleId :

PB81906BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.8
92	110.9	90.6	135.8

Manual Integrations
APPROVED

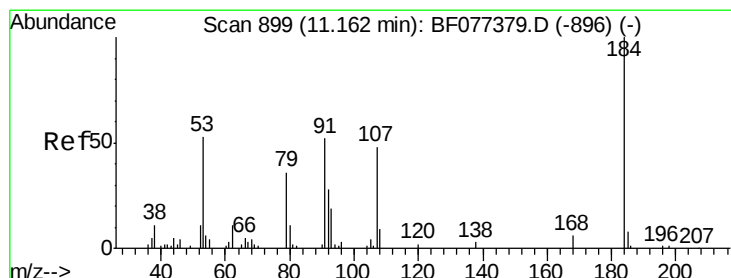
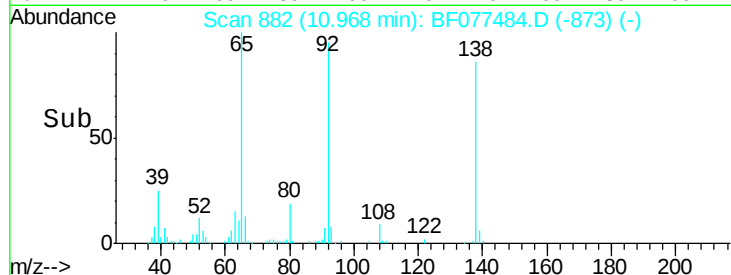
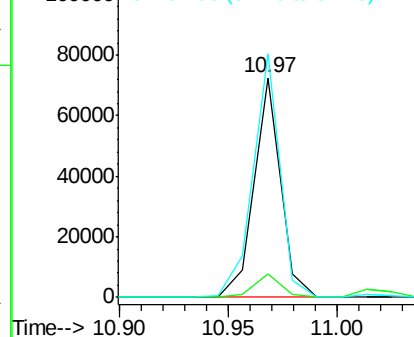
apatel
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 78.49 ng

RT: 11.10 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF077484.D

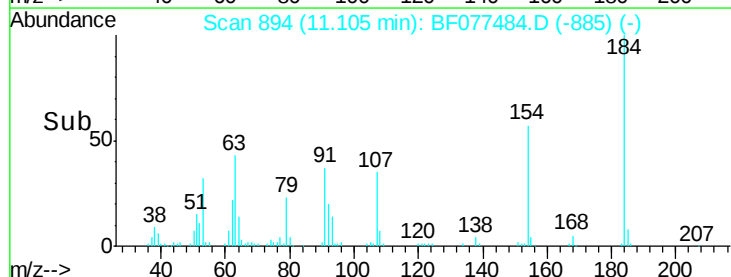
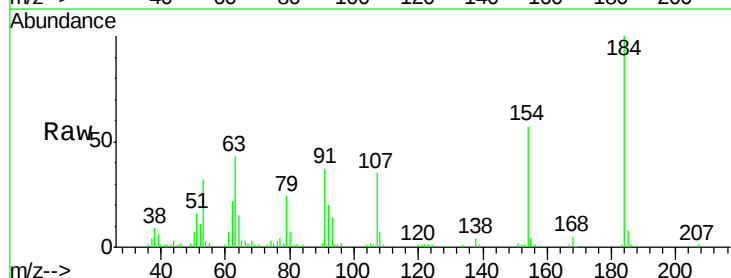
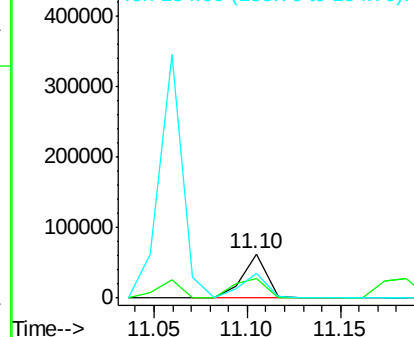
Acq: 27 Feb 2015 2:10

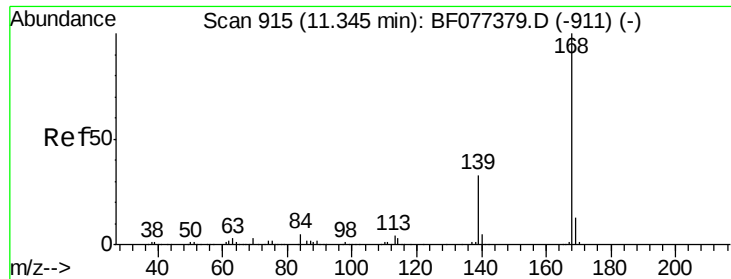
Tgt Ion	Ratio	Lower	Upper
184	100		
63	43.5	29.5	44.3
154	56.9	43.2	64.8

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





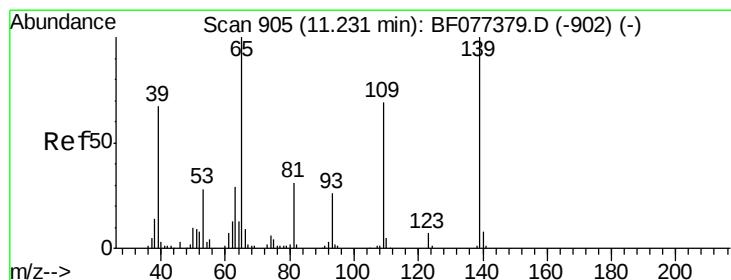
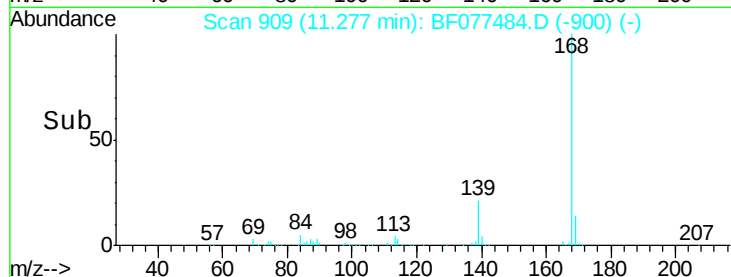
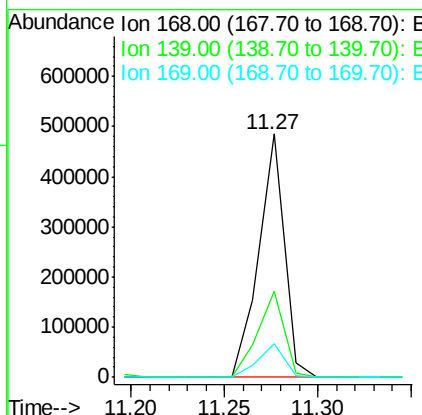
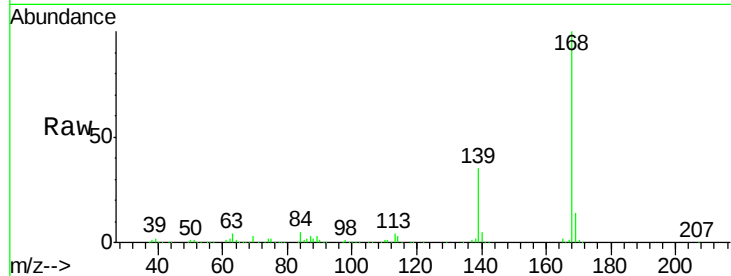
#54
Dibenzofuran
Concen: 30.99 ng
RT: 11.27 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	458946		
139	35.5	29.3	43.9	
169	13.7	10.9	16.3	

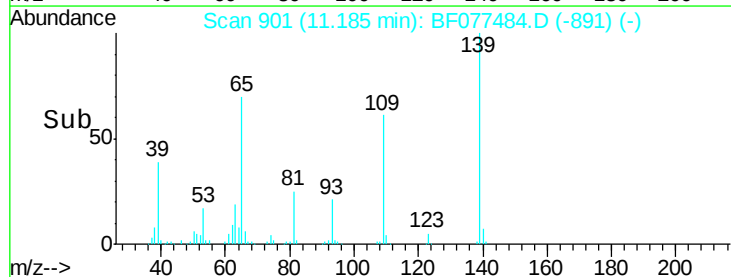
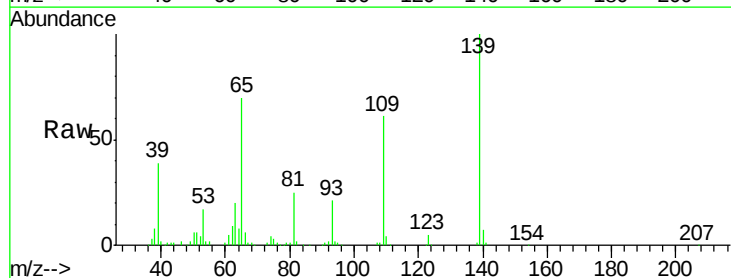
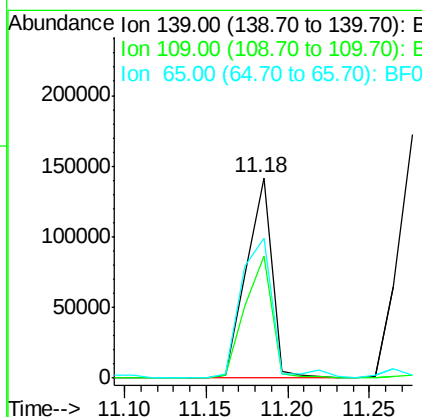
Manual Integrations
APPROVED

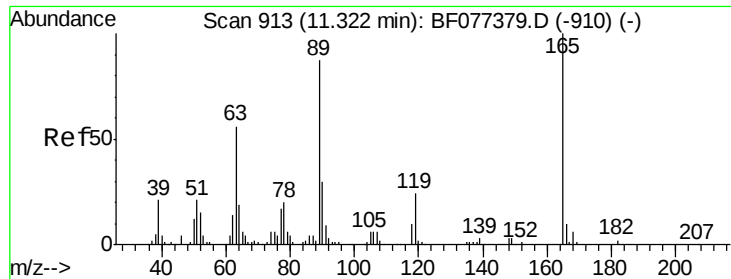
apatel
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#55
4-Nitrophenol
Concen: 68.91 ng
RT: 11.18 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

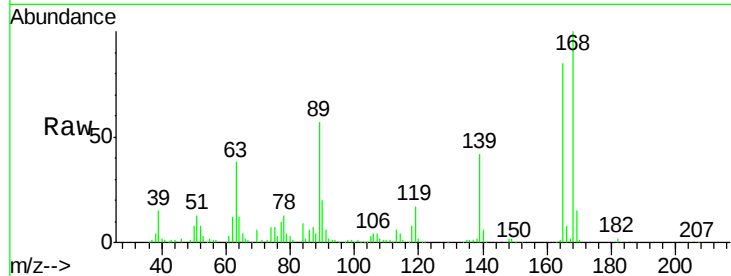
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	153950		
109	61.1	36.2	76.2	
65	70.1	40.3	80.3	





#56
2,4-Dinitrotoluene
Concen: 35.05 ng
RT: 11.26 min Scan# 908
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

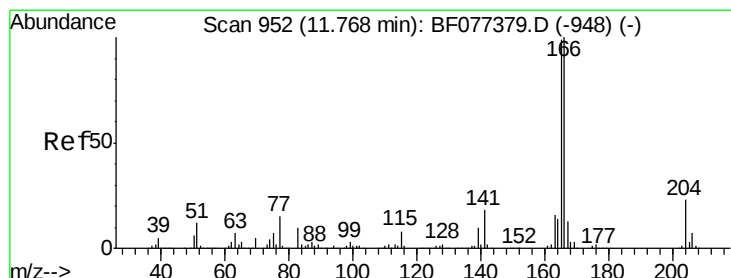
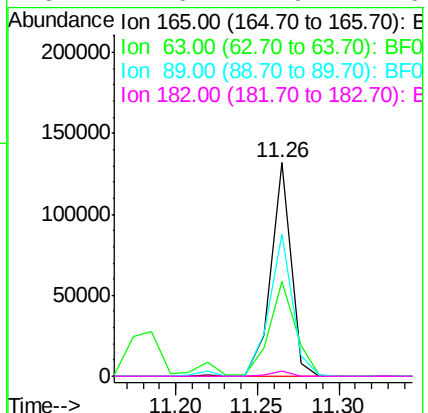
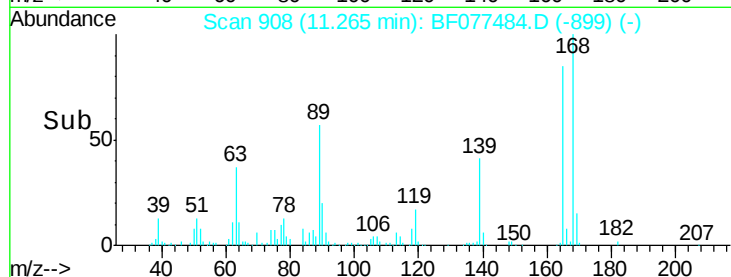
Instrument :
BNA_F
ClientSampleId :
PB81906BS



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114087		
63	44.5	29.8	44.8	
89	66.6	48.5	72.7	
182	2.6	1.9	2.9	

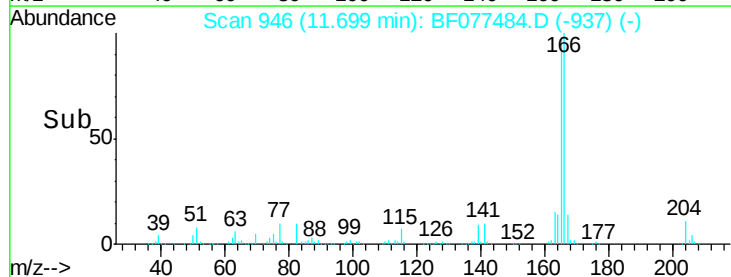
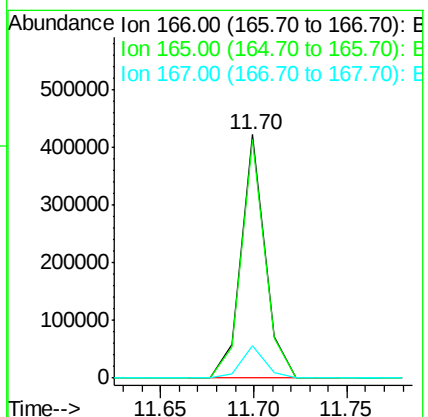
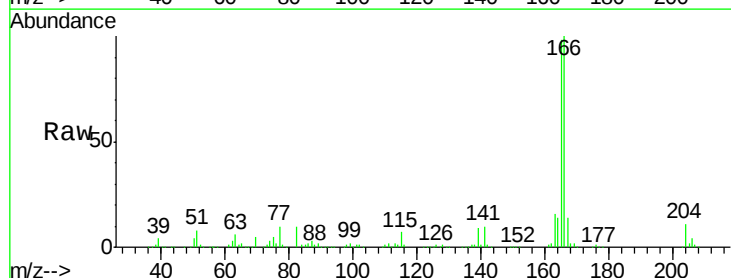
Manual Integrations
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#57
Fluorene
Concen: 31.89 ng
RT: 11.70 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

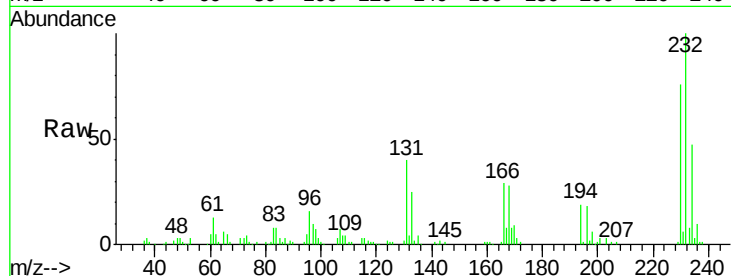
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	377633		
165	97.8	77.6	116.4	
167	13.5	10.6	16.0	





#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.01 ng
 RT: 11.43 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

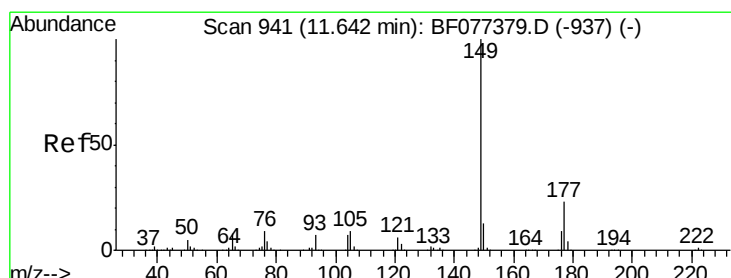
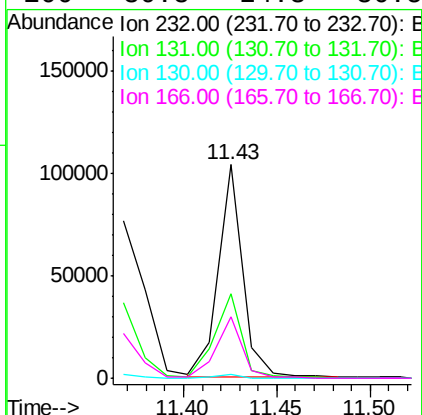
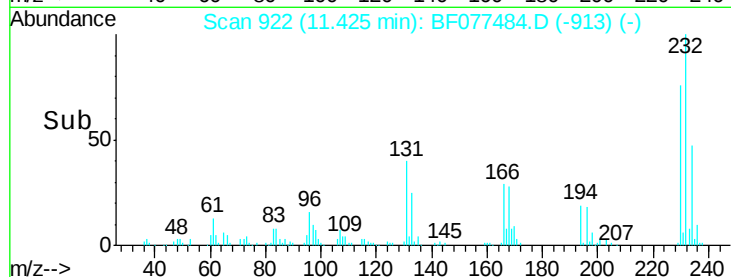
Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS



Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.3	34.2	51.2
130	1.8	1.8	2.6
166	30.8	24.3	36.5

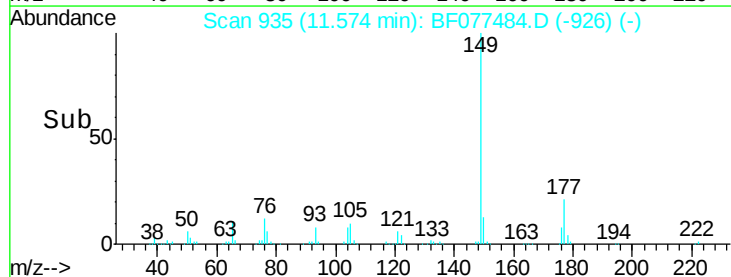
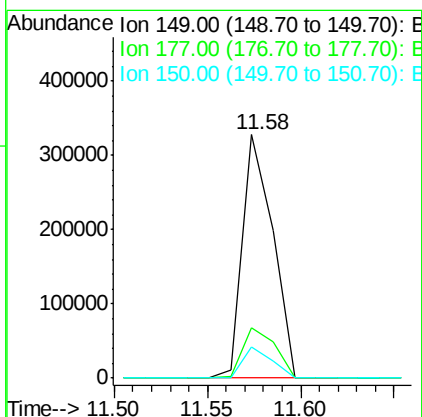
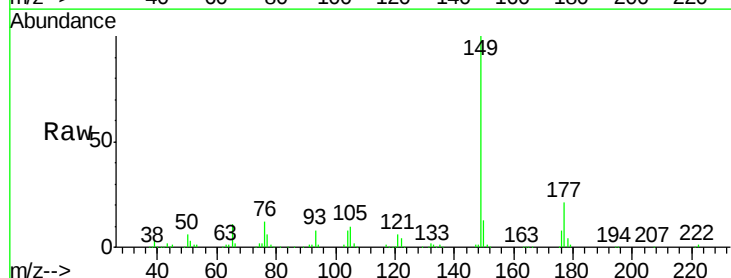
Manual Integrations
 APPROVED

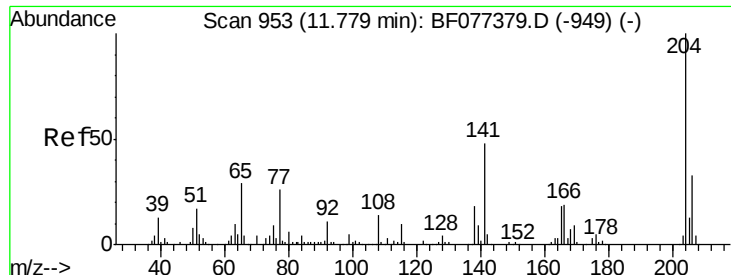
apatel
 2/27/2015 4:21:27 PM



#59
 Diethylphthalate
 Concen: 31.25 ng
 RT: 11.58 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.2	25.8
150	12.7	10.5	15.7





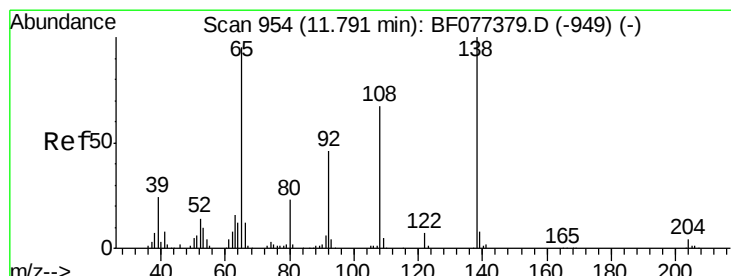
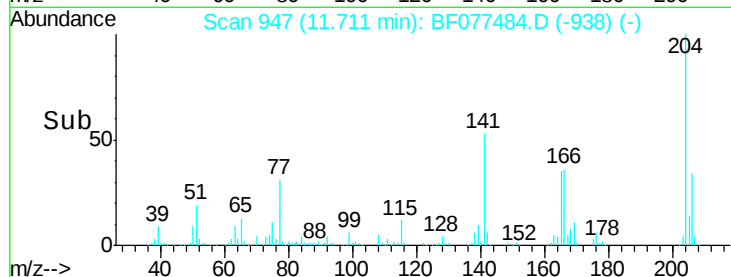
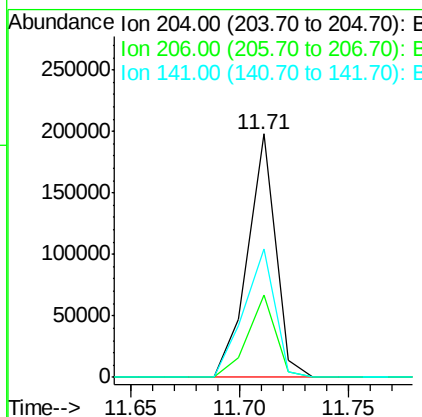
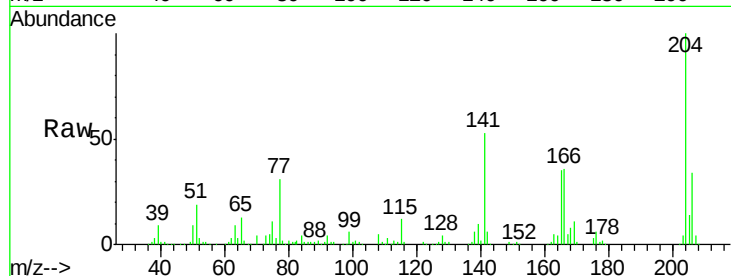
#60
 4-Chlorophenyl-phenylether
 Concen: 31.02 ng
 RT: 11.71 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampled :
 PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	176999		
206	33.7	25.9	38.9	
141	52.7	43.6	65.4	

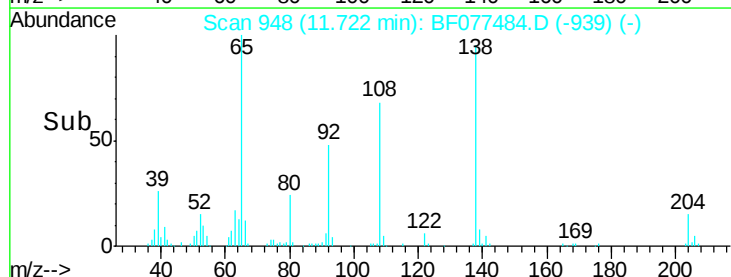
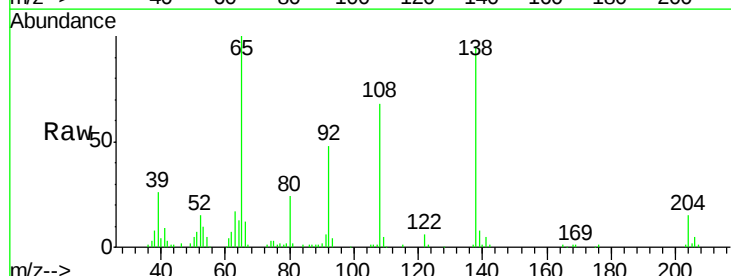
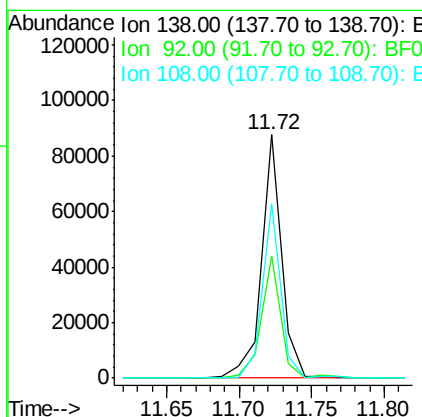
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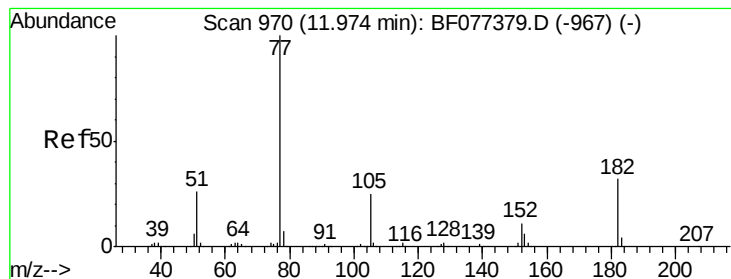
apatel
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#61
 4-Nitroaniline
 Concen: 31.66 ng
 RT: 11.72 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	84277		
92	50.1	32.8	72.8	
108	71.7	52.1	92.1	





#62

Azobenzene

Concen: 30.72 ng

RT: 11.90 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF077484.D

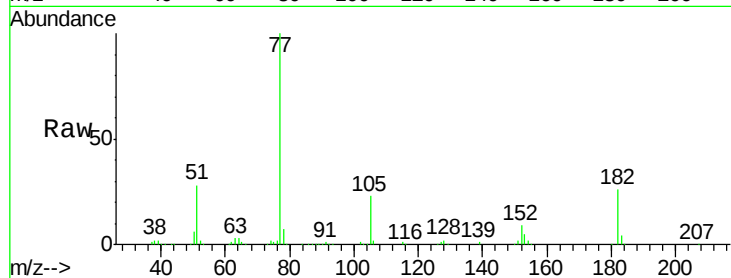
Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

ClientSampleId :

PB81906BS



Tgt Ion: 77 Resp: 345145

Ion Ratio Lower Upper

77 100

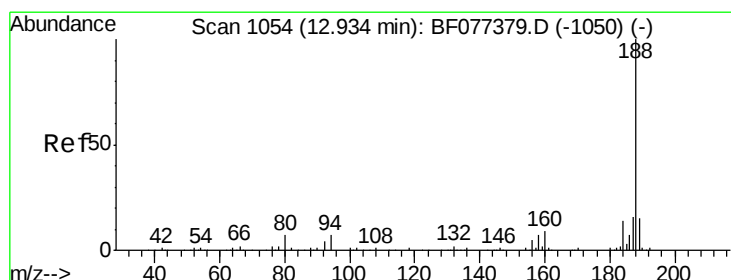
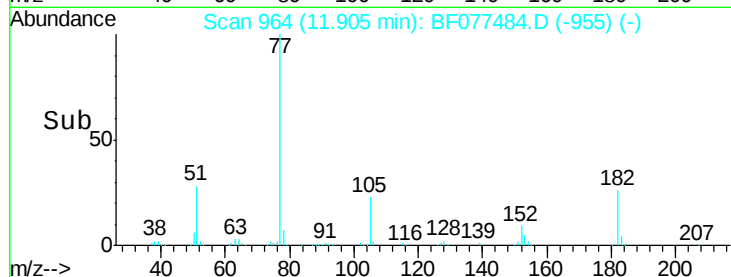
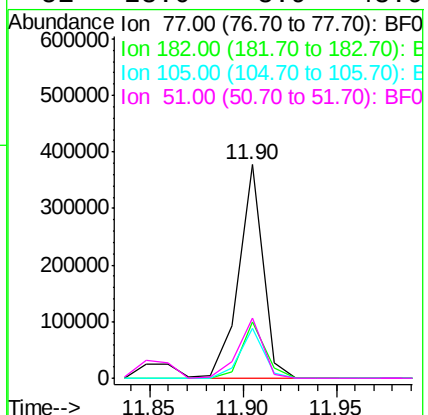
182 26.1 4.9 44.9

105 23.1 3.3 43.3

51 28.0 8.9 48.9

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.86 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

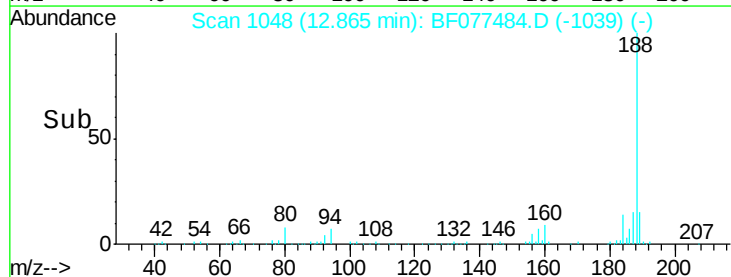
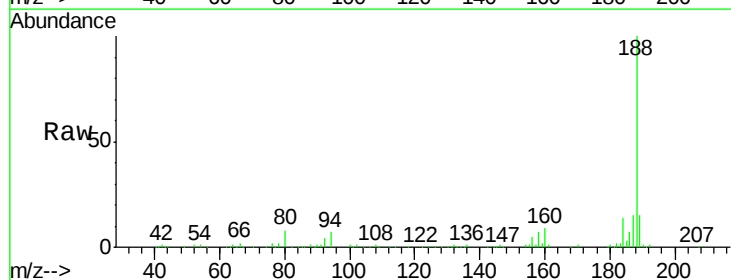
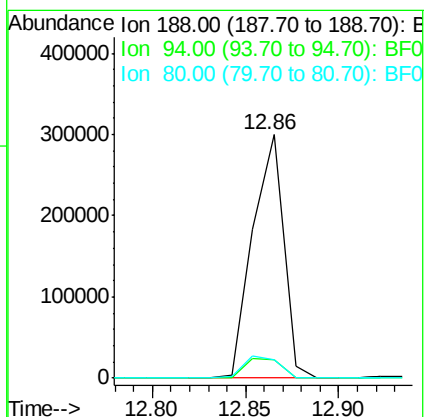
Tgt Ion: 188 Resp: 343993

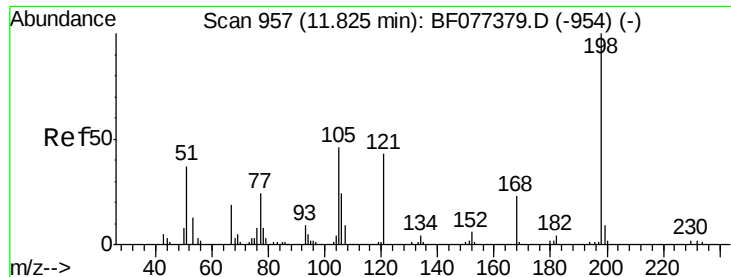
Ion Ratio Lower Upper

188 100

94 7.3 7.4 11.2#

80 7.7 8.0 12.0#





#64

4,6-Dinitro-2-methylphenol

Concen: 28.86 ng

RT: 11.76 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

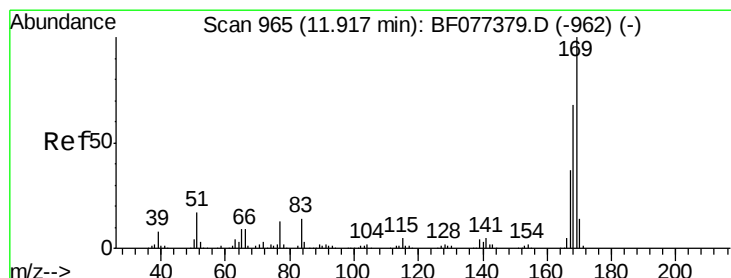
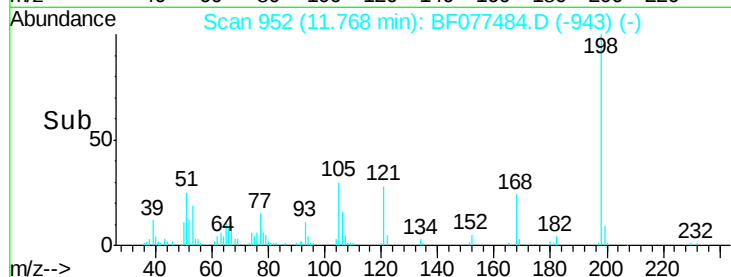
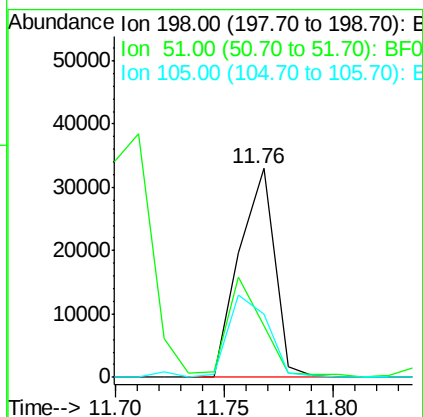
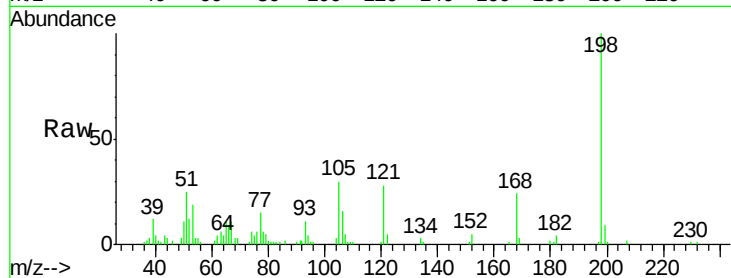
ClientSampleId :

PB81906BS

Tgt Ion:	198	Resp:	37405
Ion Ratio	Lower	Upper	
198	100		
51	24.7	2.7	42.7
105	30.4	10.0	50.0

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#65

n-Nitrosodiphenylamine

Concen: 29.24 ng

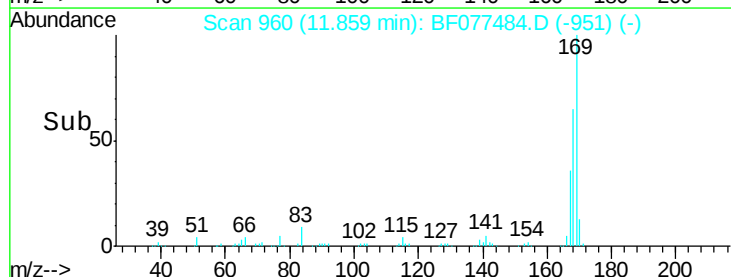
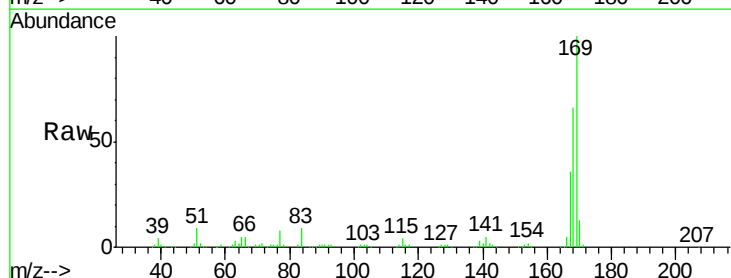
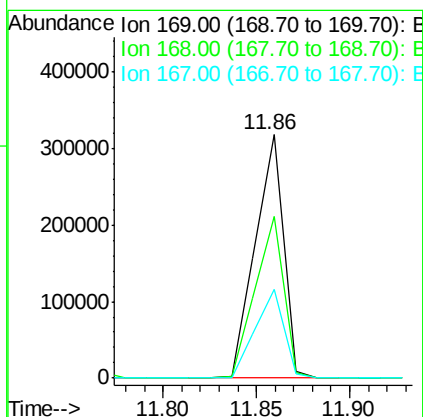
RT: 11.86 min Scan# 960

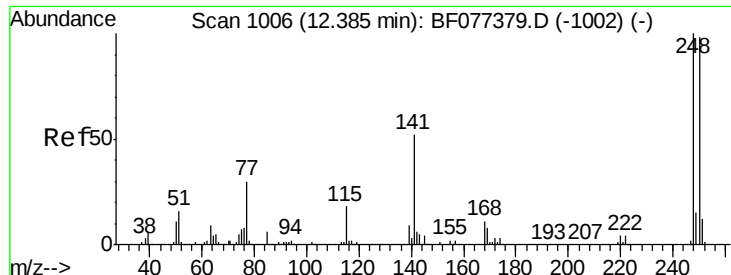
Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	169	Resp:	333679
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.0	79.6
167	36.2	29.5	44.3





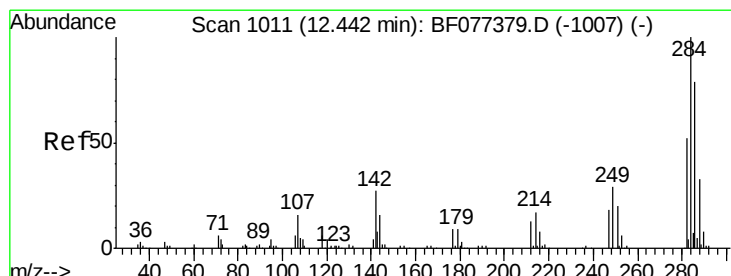
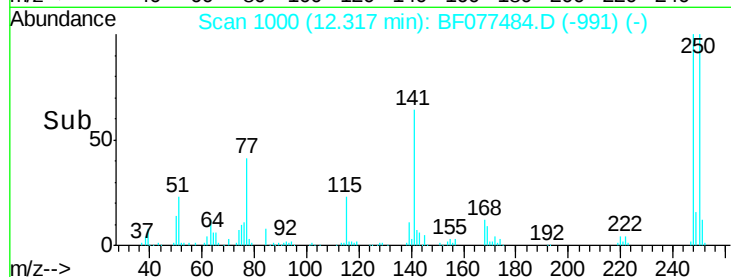
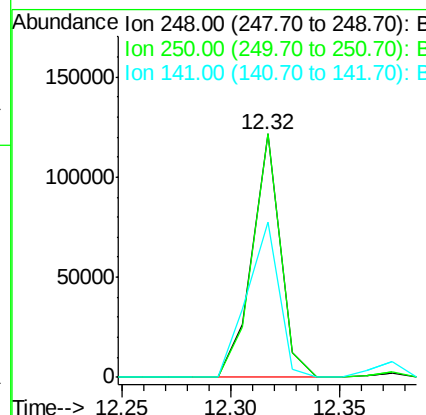
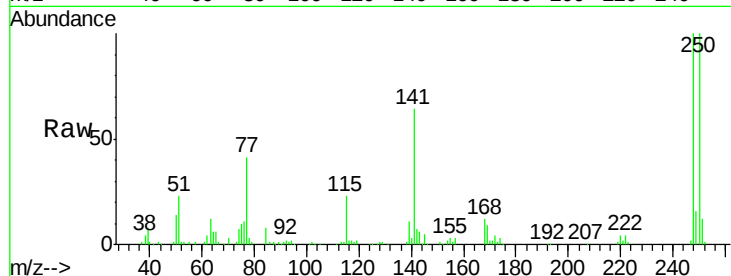
#66
 4-Bromophenyl-phenylether
 Concen: 27.27 ng
 RT: 12.32 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampleId :
 PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	109840		
250	100.2	78.0	117.0	
141	63.8	54.1	81.1	

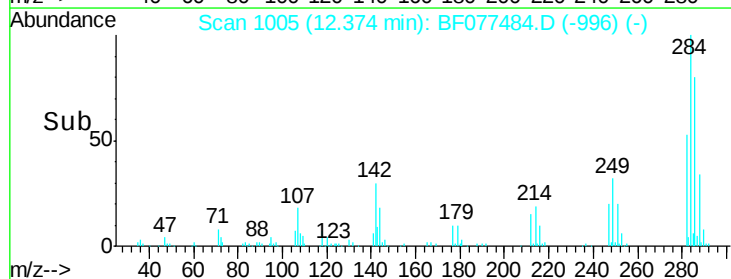
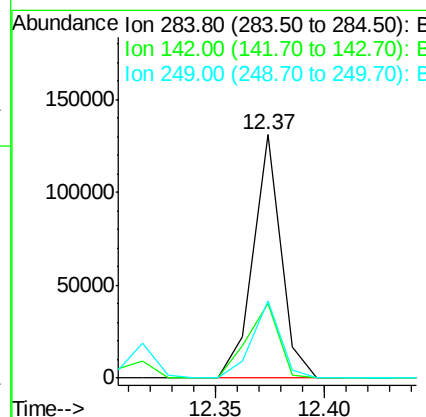
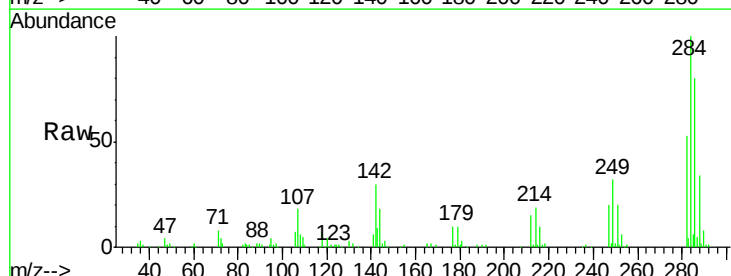
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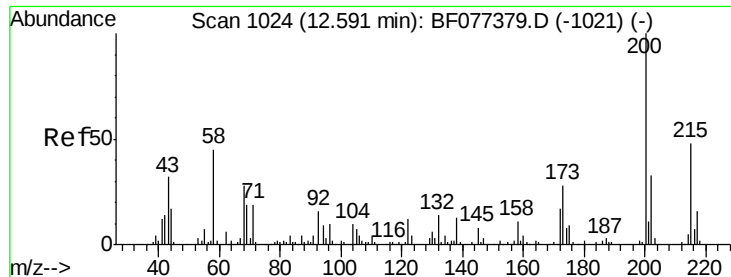
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#67
 Hexachlorobenzene
 Concen: 27.06 ng
 RT: 12.37 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	116981		
142	30.4	31.6	47.4#	
249	32.0	27.0	40.4	





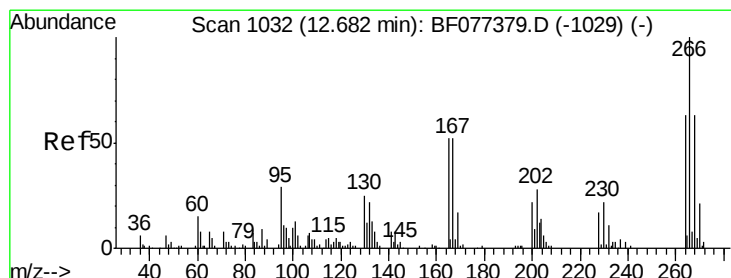
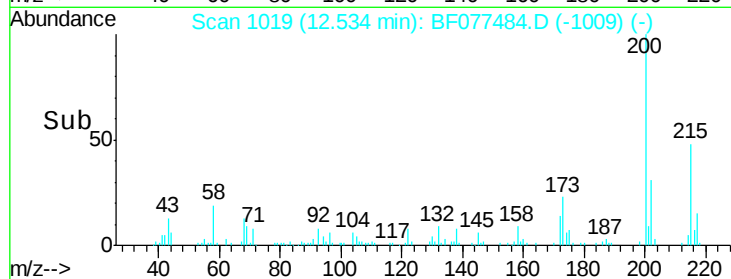
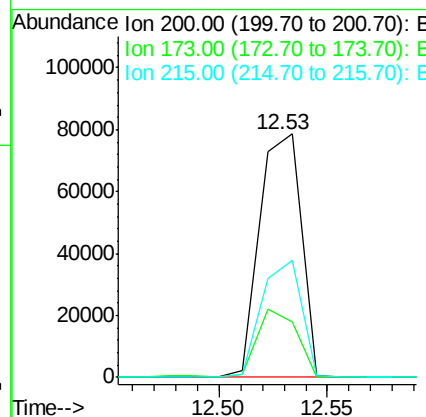
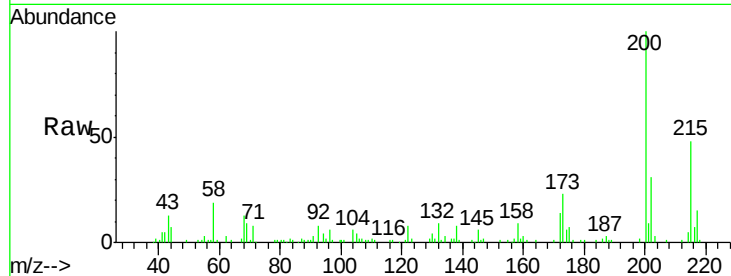
#68
 Atrazine
 Concen: 28.54 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampled :
 PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.9	9.6	49.6
215	47.8	24.4	64.4

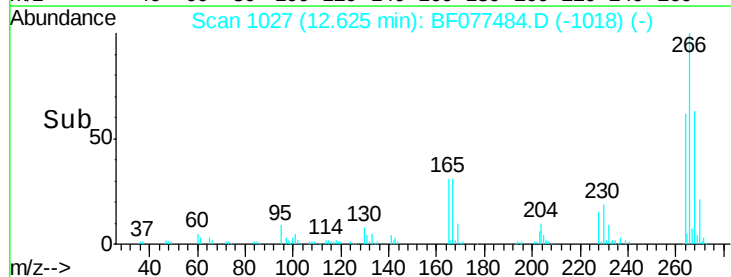
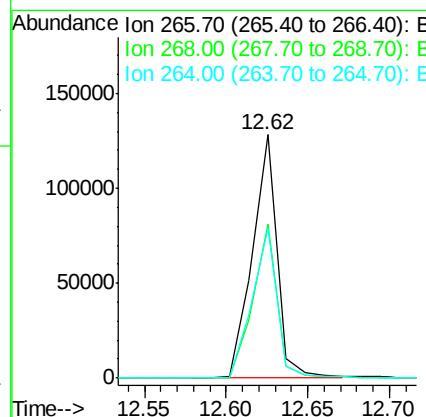
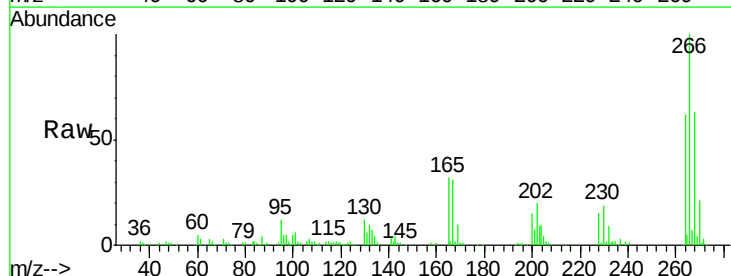
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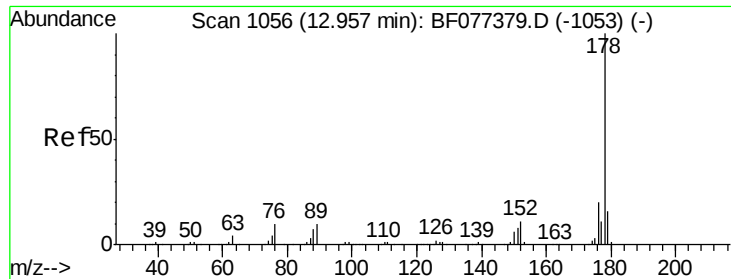
apatel
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#69
 Pentachlorophenol
 Concen: 59.05 ng
 RT: 12.62 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	51.2	76.8
264	61.7	50.7	76.1





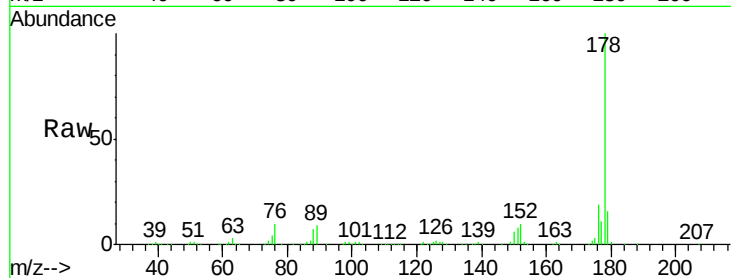
#70
Phenanthrene
Concen: 27.89 ng
RT: 12.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

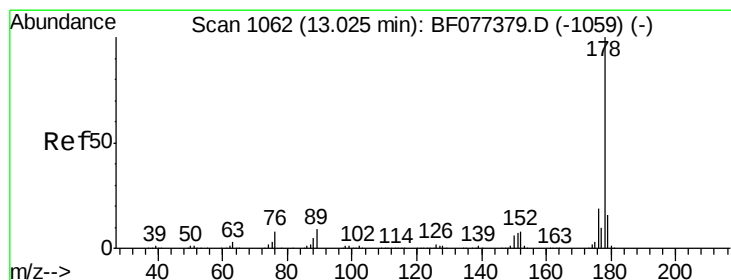
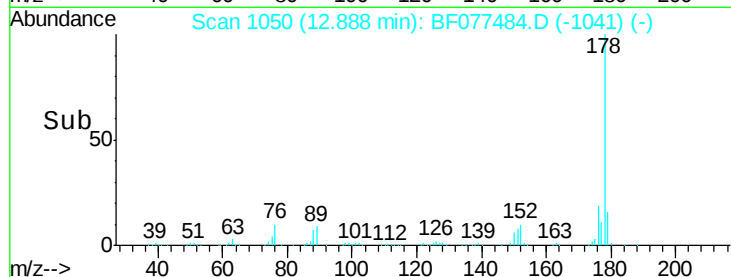
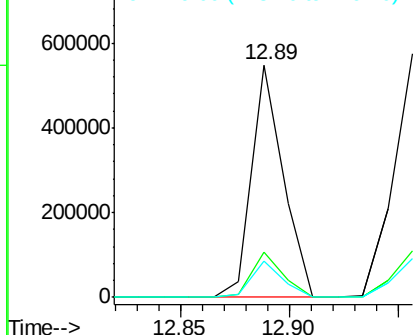
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.8	12.2	18.2

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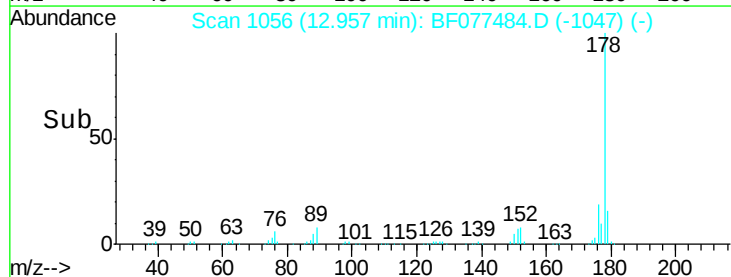
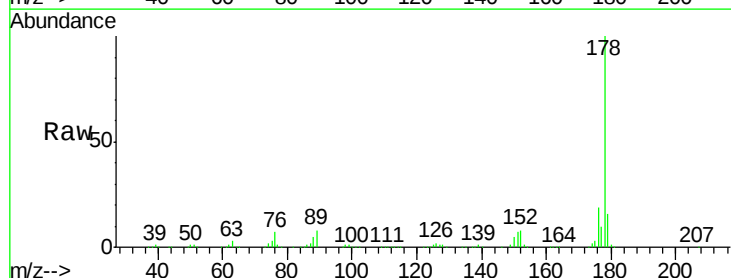
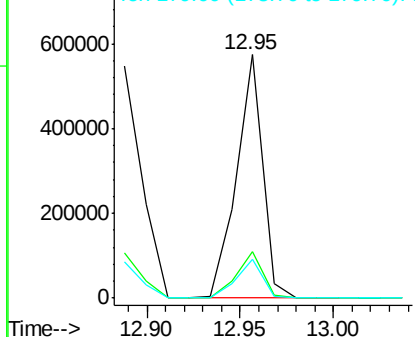
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

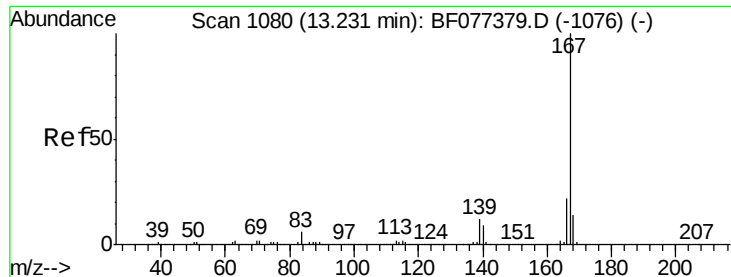


#71
Anthracene
Concen: 28.49 ng
RT: 12.95 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.8	12.9	19.3

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





#72

Carbazole

Concen: 29.39 ng

RT: 13.16 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

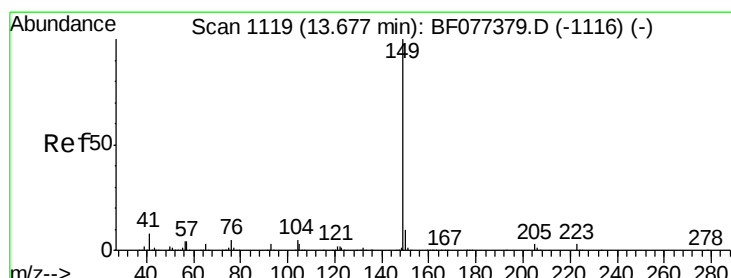
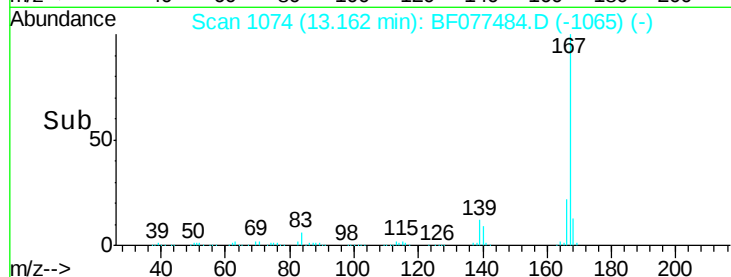
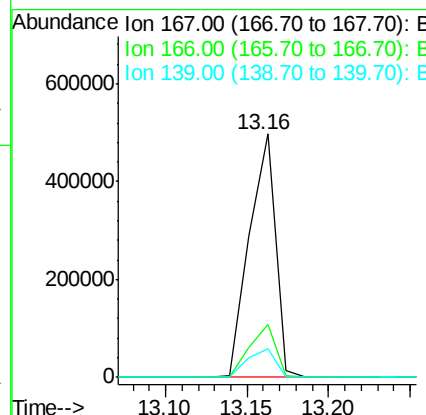
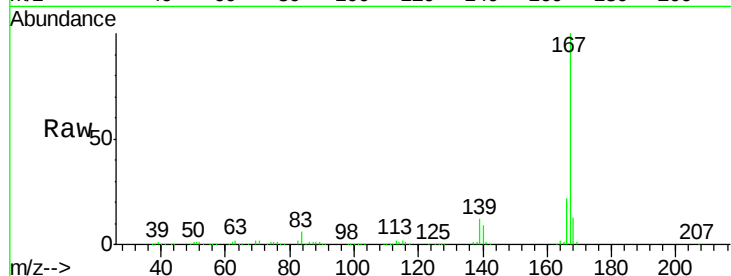
ClientSampleId :

PB81906BS

Tgt Ion:	167	Resp:	552845
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.6	26.4
139	11.6	9.9	14.9

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#73

Di-n-butylphthalate

Concen: 28.13 ng

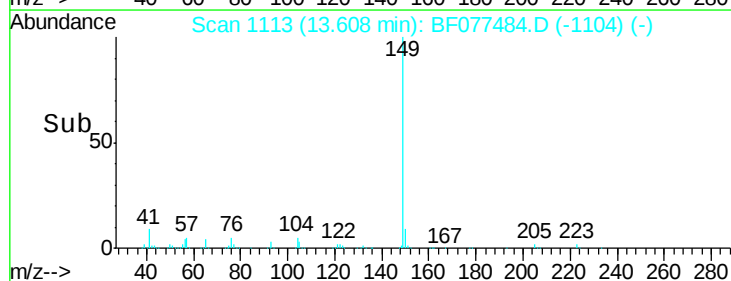
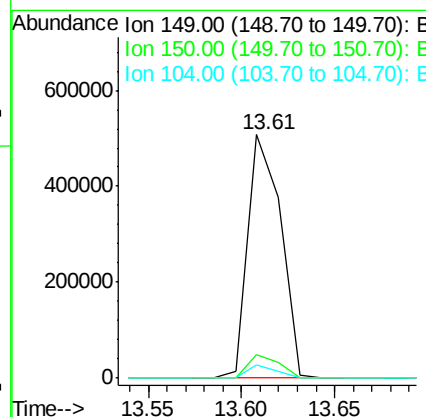
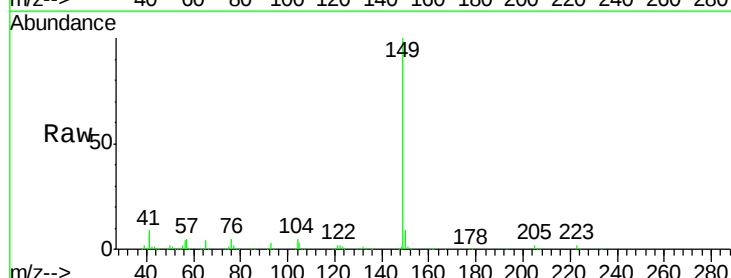
RT: 13.61 min Scan# 1113

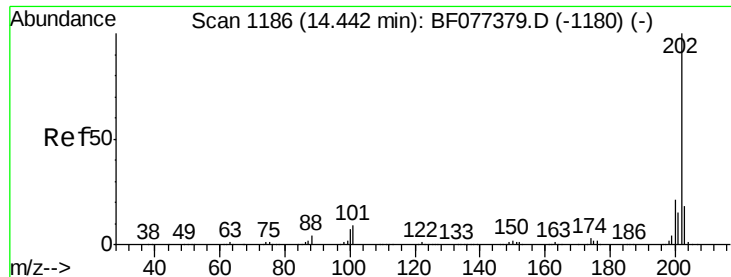
Delta R.T. 0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	149	Resp:	621306
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.8
104	5.2	4.1	6.1





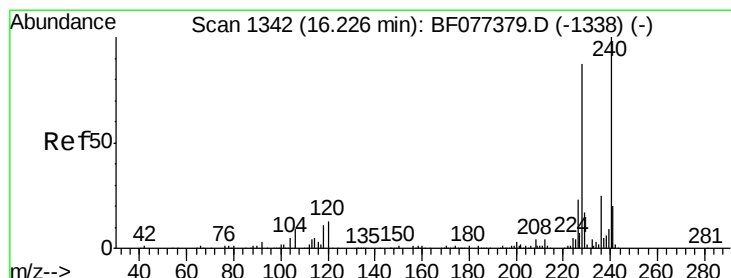
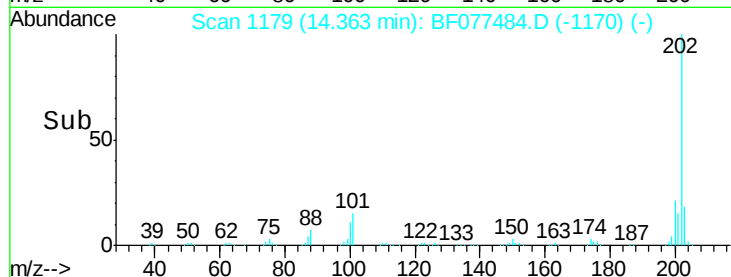
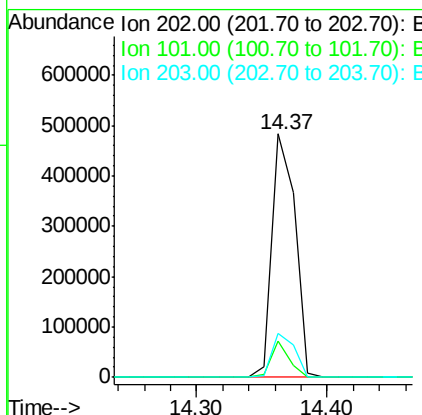
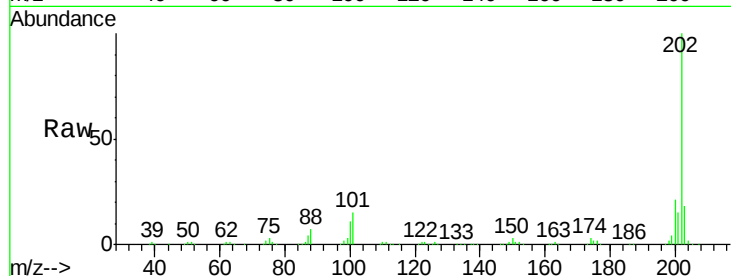
#74
Fluoranthene
Concen: 27.88 ng
RT: 14.37 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.7	0.0	30.8
203	18.2	0.0	37.7

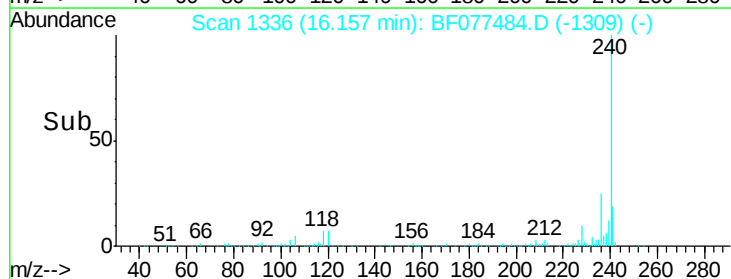
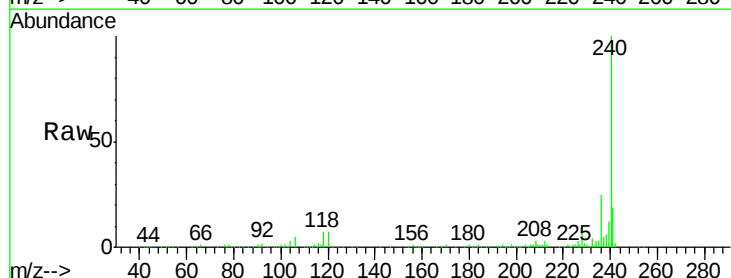
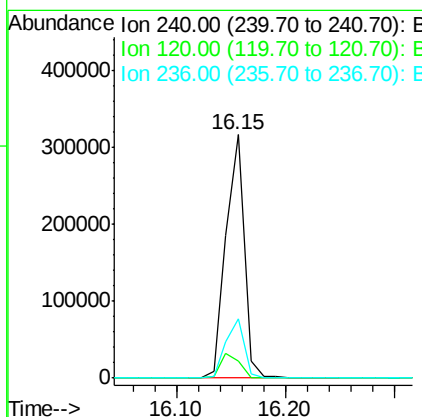
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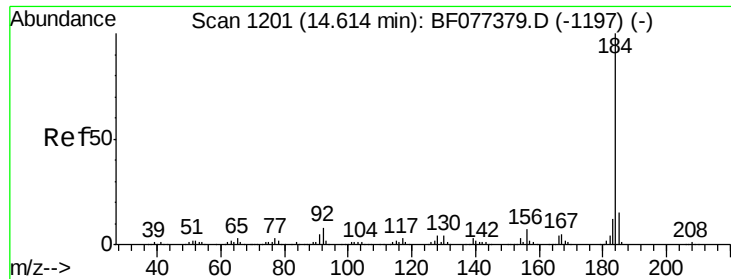
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.15 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	7.2	8.8	13.2#
236	24.6	20.7	31.1





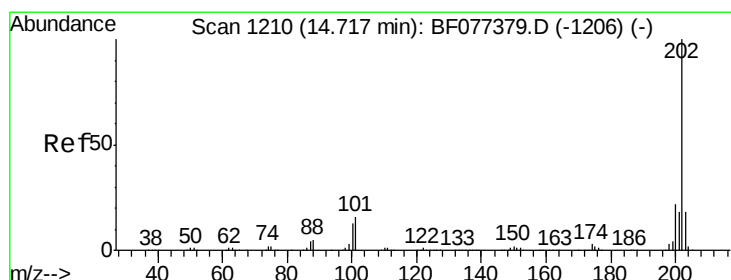
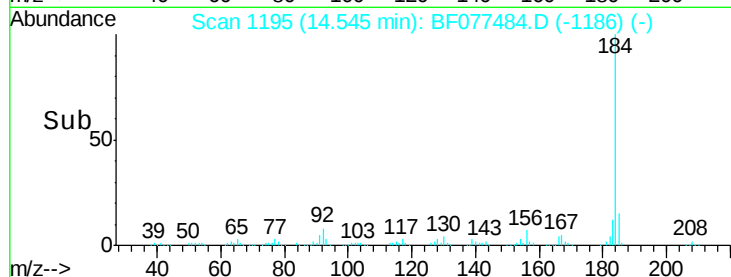
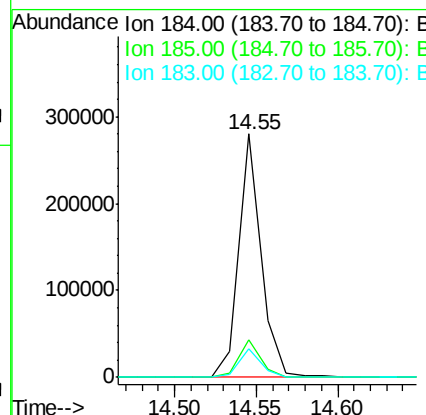
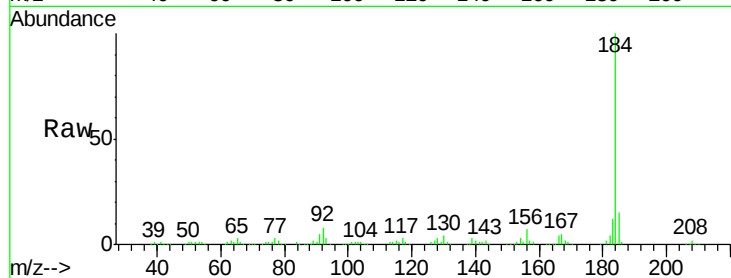
#76
Benzidine
Concen: 21.23 ng
RT: 14.55 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	265276		
185	15.3	12.6	18.8	
183	11.6	9.3	13.9	

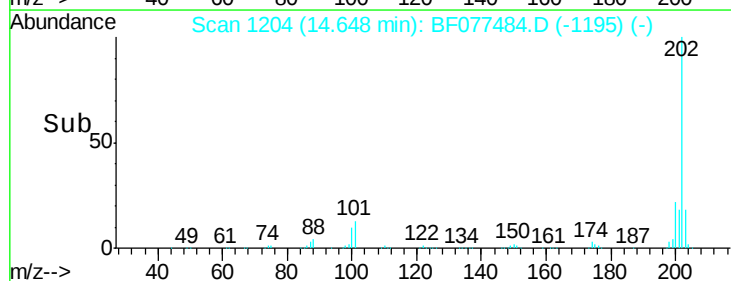
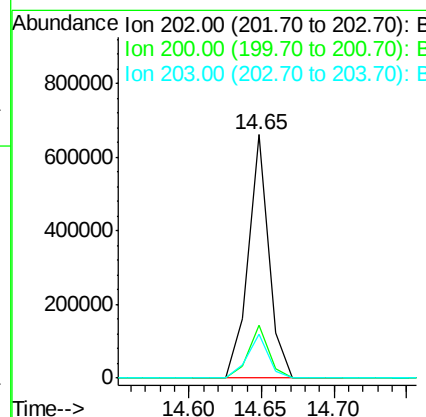
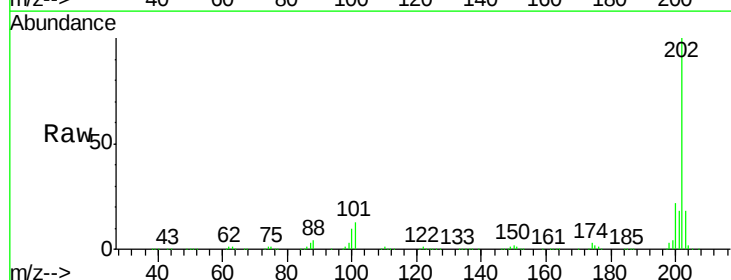
Manual Integrations
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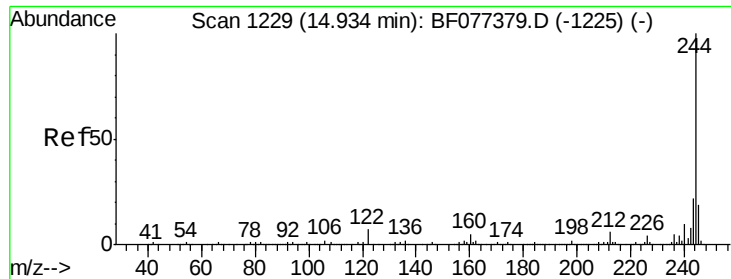
apatel
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#77
Pyrene
Concen: 28.87 ng
RT: 14.65 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	652980		
200	21.8	17.1	25.7	
203	18.3	14.2	21.2	





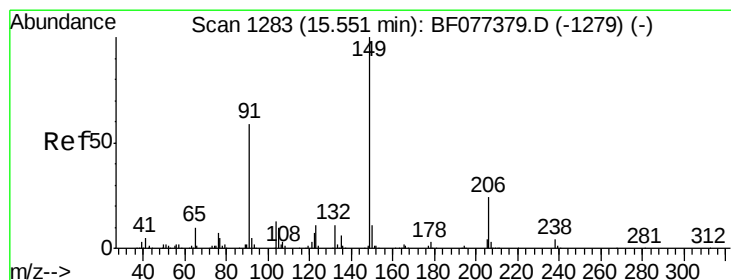
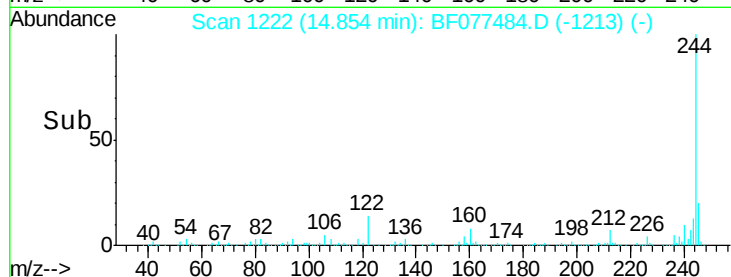
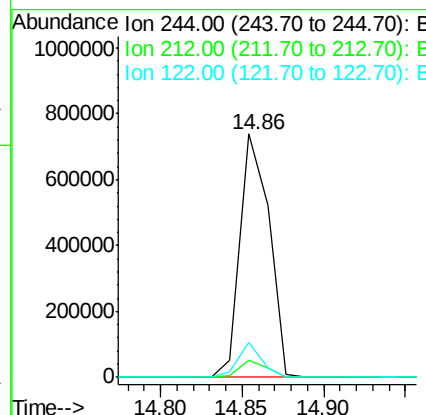
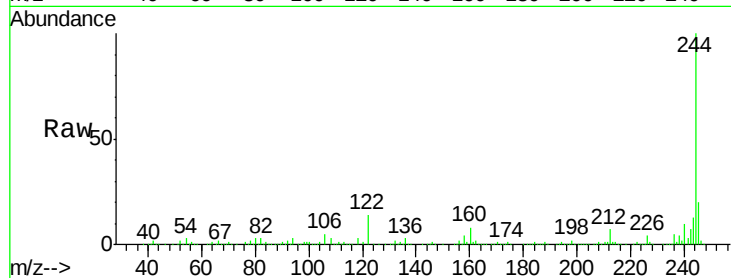
#78
 Terphenyl-d14
 Concen: 57.41 ng
 RT: 14.86 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Instrument :
 BNA_F
 ClientSampled :
 PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.2	7.8
122	14.2	7.8	11.8

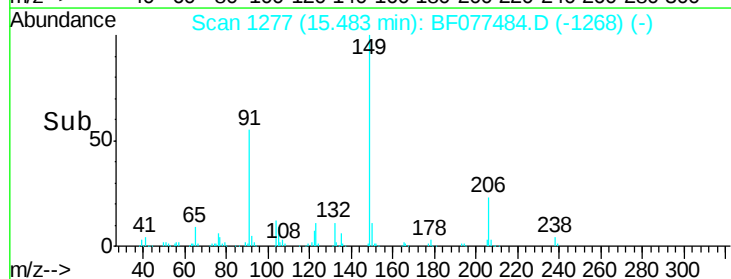
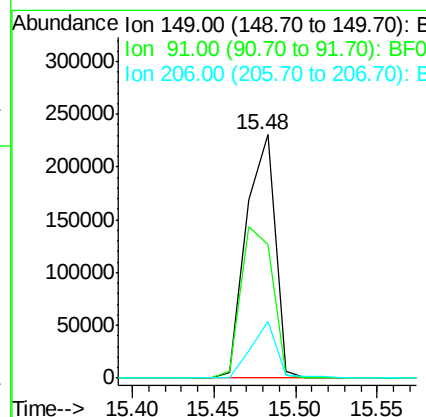
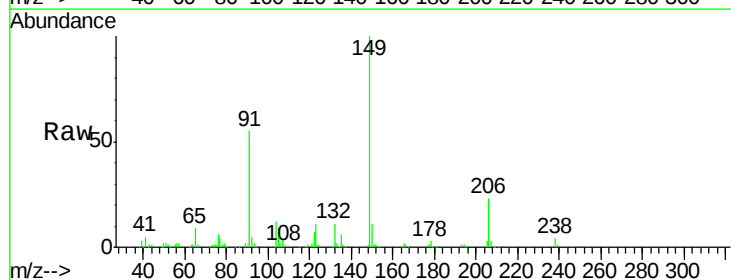
Manual Integrations
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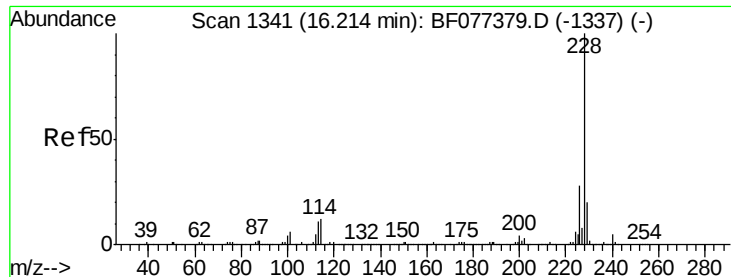
apatel
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#79
 Butylbenzylphthalate
 Concen: 30.42 ng
 RT: 15.48 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BF077484.D
 Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	55.1	51.2	76.8
206	23.3	17.8	26.8





#80

Benzo(a)anthracene

Concen: 30.30 ng

RT: 16.14 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

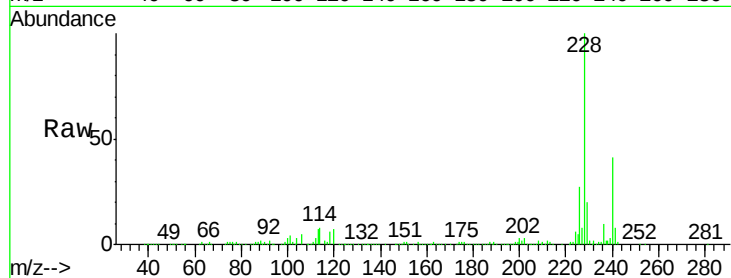
ClientSampleId :

PB81906BS

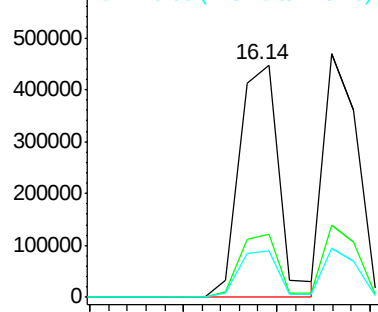
Tgt Ion:	228	Resp:	656524
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.0	33.0
229	19.8	15.8	23.8

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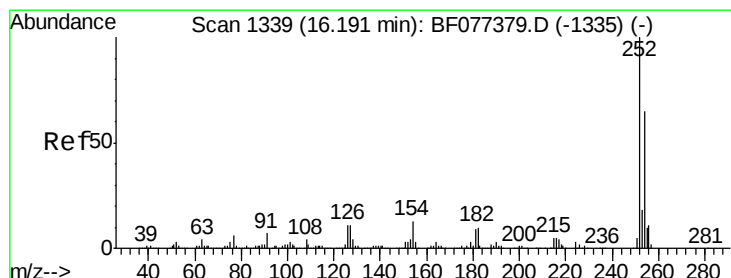
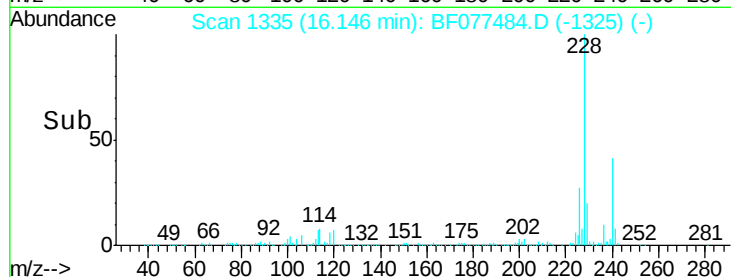
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 16.05 16.10 16.15



#81

3,3'-Dichlorobenzidine

Concen: 18.14 ng

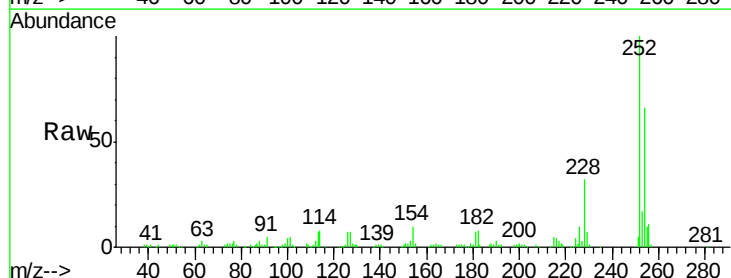
RT: 16.12 min Scan# 1333

Delta R.T. 0.01 min

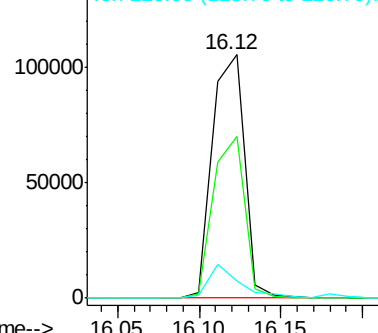
Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

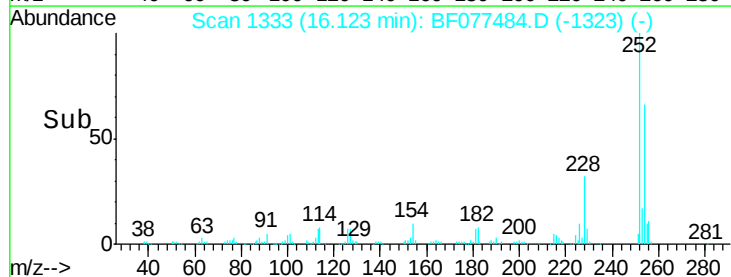
Tgt Ion:	252	Resp:	144014
Ion Ratio	Lower	Upper	
252	100		
254	66.5	52.9	79.3
126	7.0	7.3	10.9#

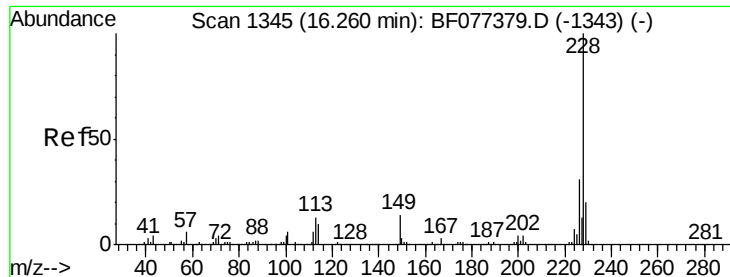


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



Time--> 16.05 16.10 16.15





#82

Chrysene

Concen: 28.58 ng

RT: 16.18 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

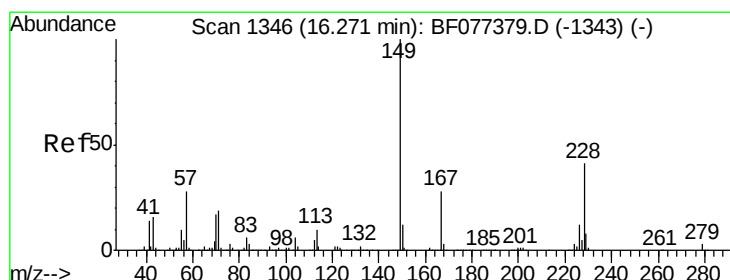
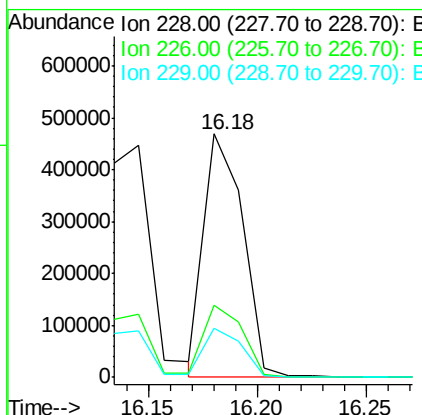
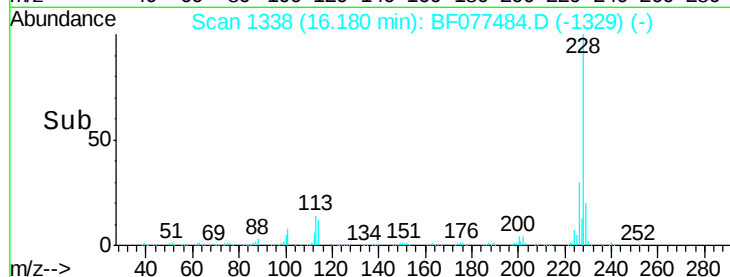
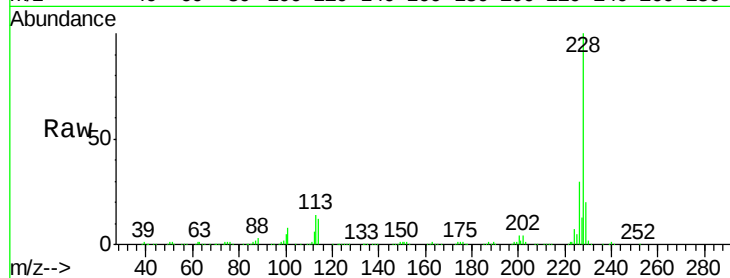
ClientSampleId :

PB81906BS

Tgt Ion:	228	Resp:	581600
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.9	37.3
229	19.9	16.4	24.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 29.17 ng

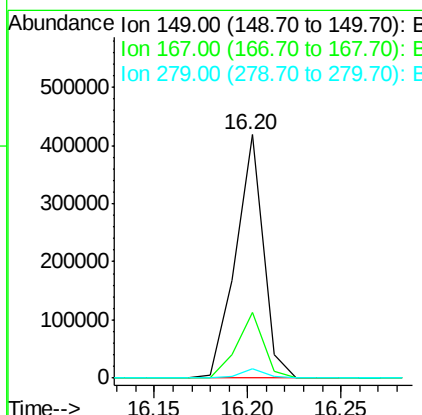
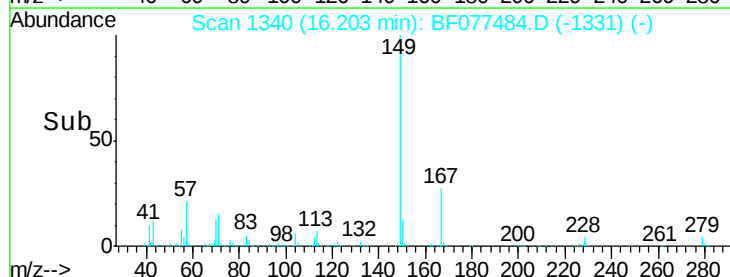
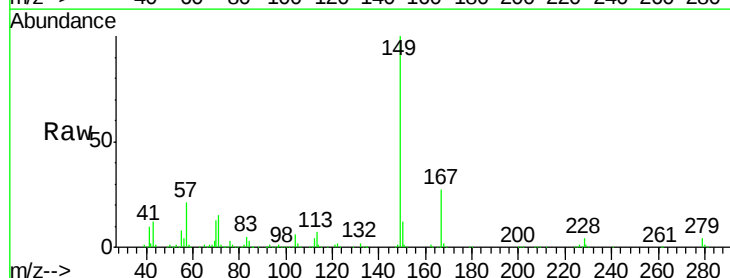
RT: 16.20 min Scan# 1340

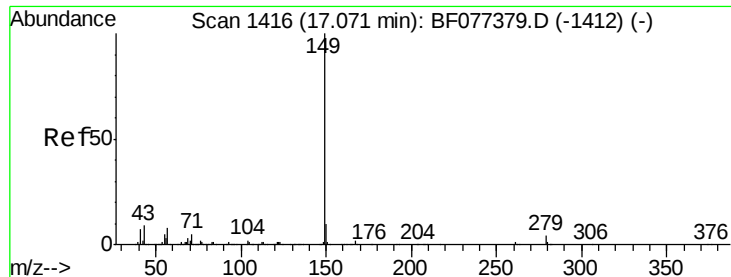
Delta R.T. -0.00 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt Ion:	149	Resp:	435339
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.8	34.2
279	3.8	3.8	5.6





#84

Di-n-octyl phthalate

Concen: 29.61 ng

RT: 17.00 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Instrument :

BNA_F

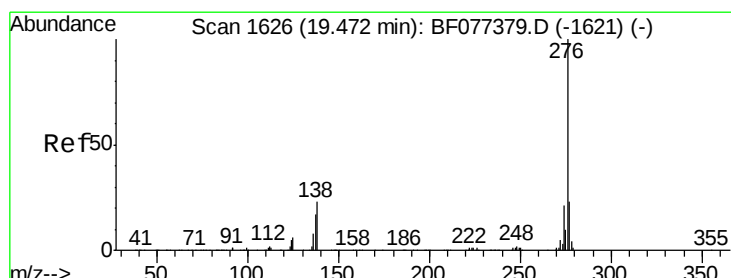
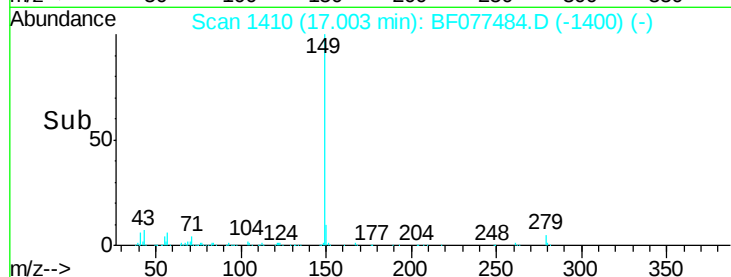
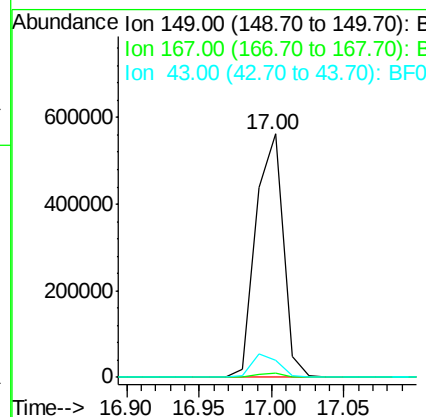
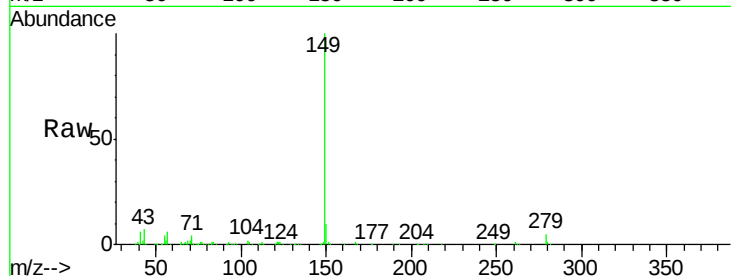
ClientSampleId :

PB81906BS

Tgt	Ion	149	Resp	737780
	Ratio	100	Lower	Upper
	149	100		
	167	1.5	1.3	1.9
	43	9.3	8.1	12.1

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 30.17 ng

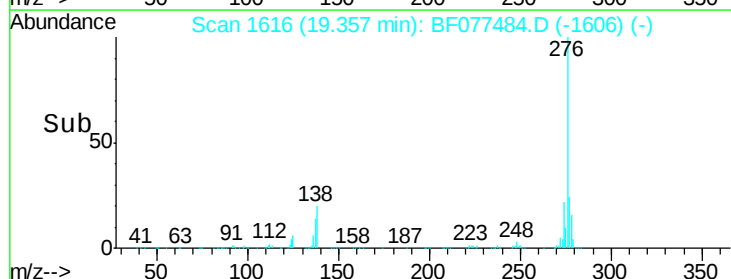
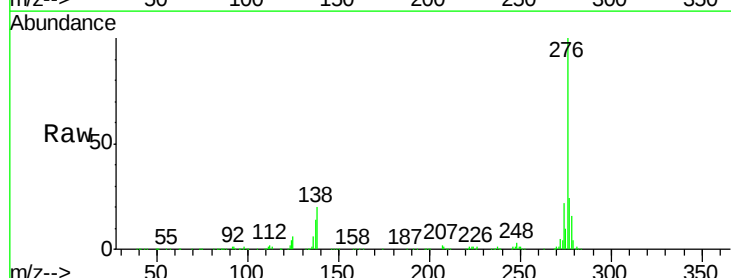
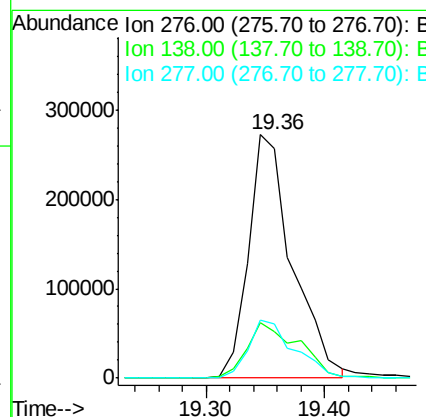
RT: 19.36 min Scan# 1616

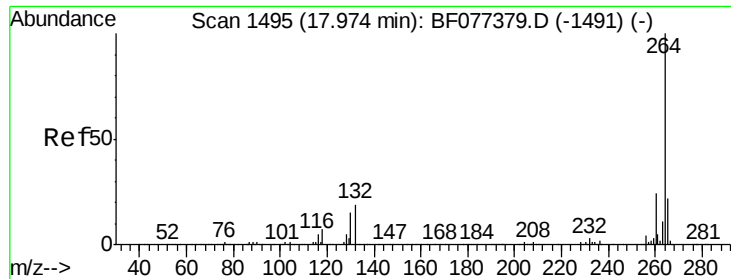
Delta R.T. 0.01 min

Lab File: BF077484.D

Acq: 27 Feb 2015 2:10

Tgt	Ion	276	Resp	700019
	Ratio	100	Lower	Upper
	276	100		
	138	26.7	21.2	31.8
	277	25.1	20.0	30.0





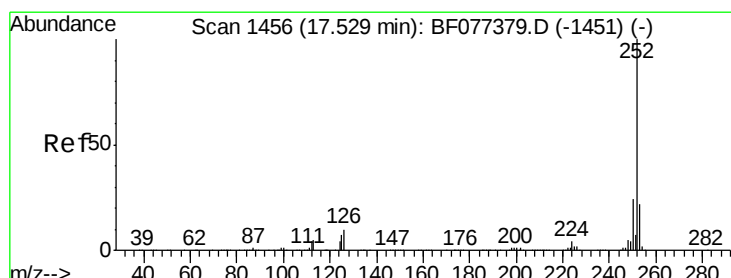
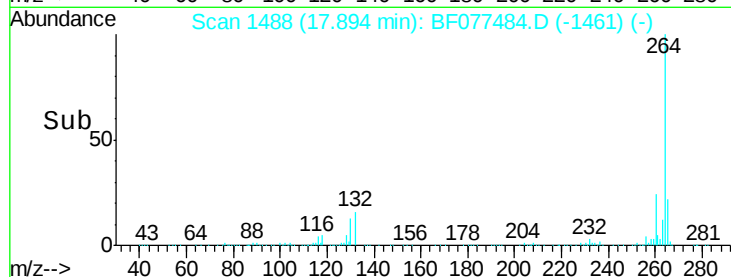
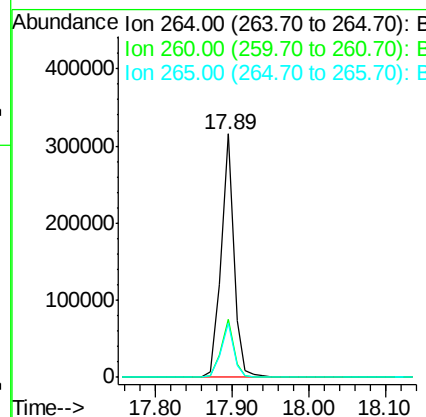
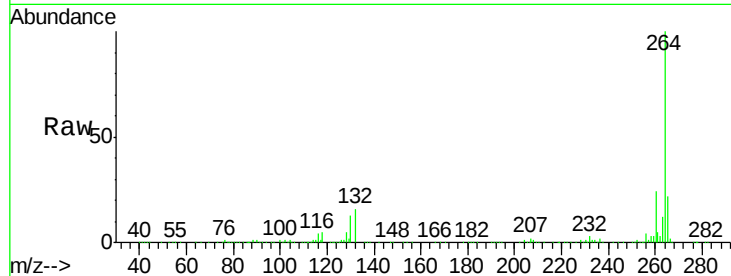
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.89 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	366033		
260	23.9	19.3	28.9	
265	22.0	16.8	25.2	

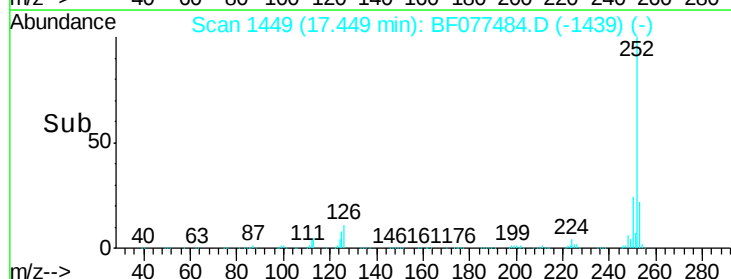
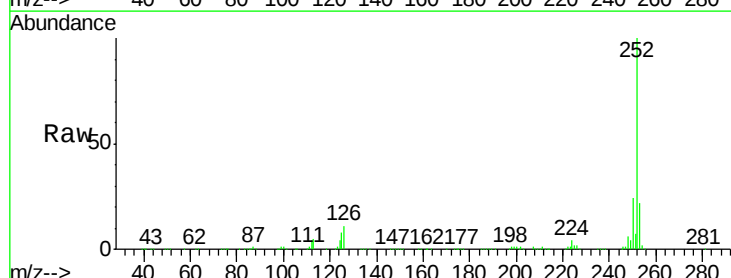
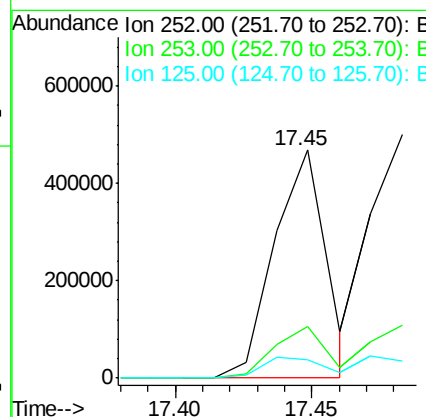
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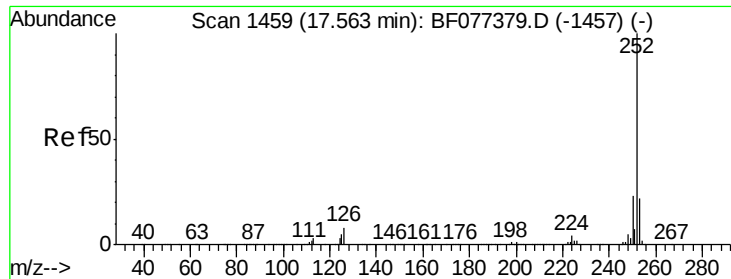
apatel
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#87
Benzo(b)fluoranthene
Concen: 29.04 ng m
RT: 17.45 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	618132		
253	22.5	17.6	26.4	
125	8.2	5.4	8.2#	





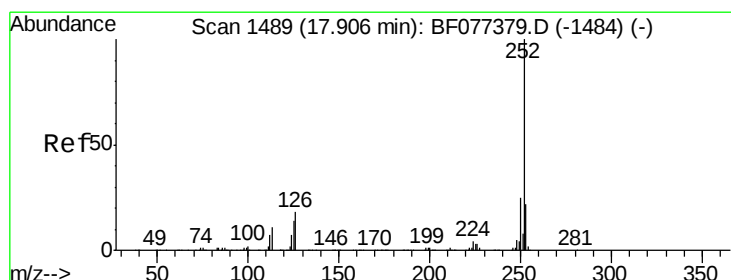
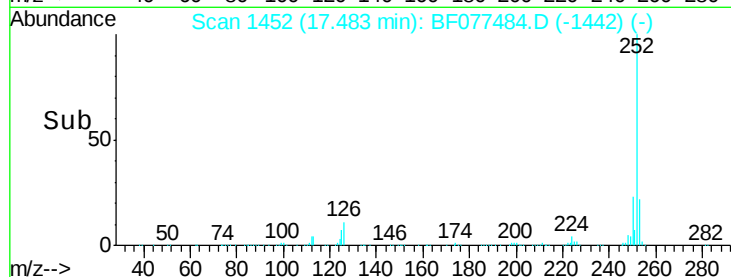
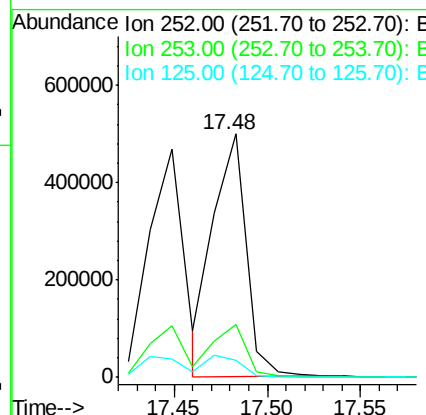
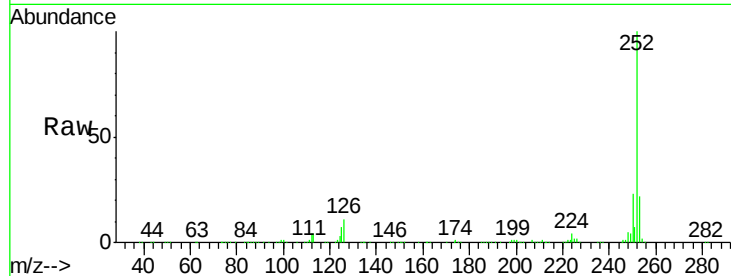
#88
Benzo(k)fluoranthene
Concen: 29.67 ng
RT: 17.48 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.7	18.1	27.1
125	7.1	10.1	15.1

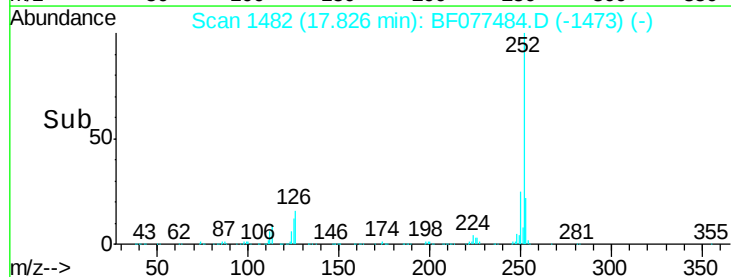
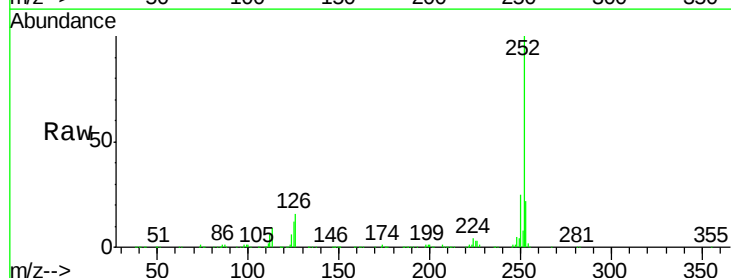
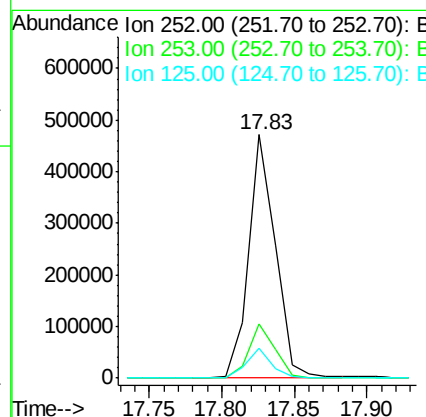
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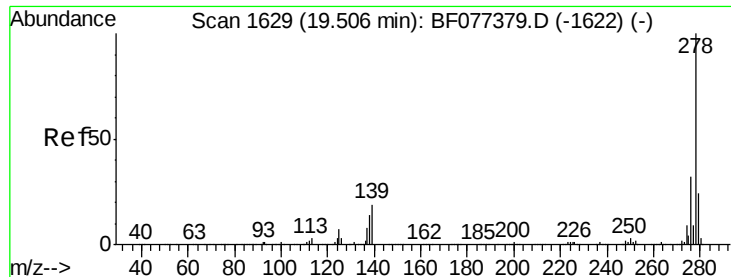
apatel
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#89
Benzo(a)pyrene
Concen: 29.77 ng
RT: 17.83 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	18.2	27.2
125	12.3	8.3	12.5





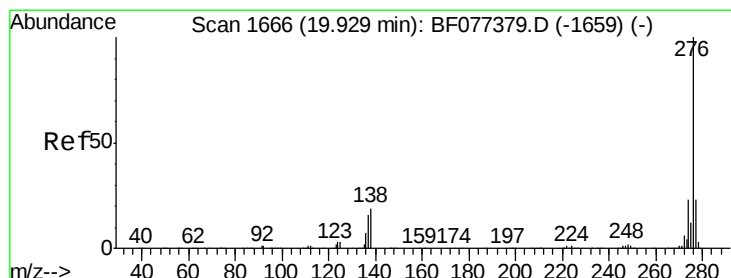
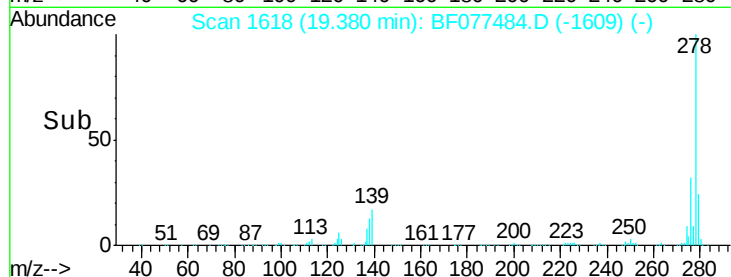
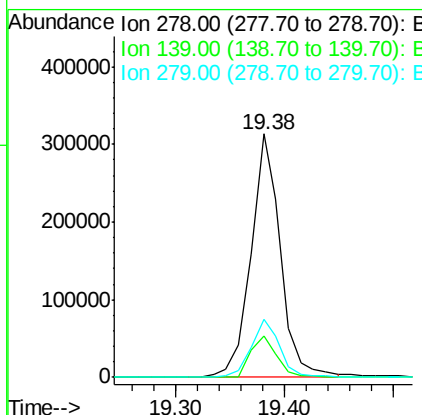
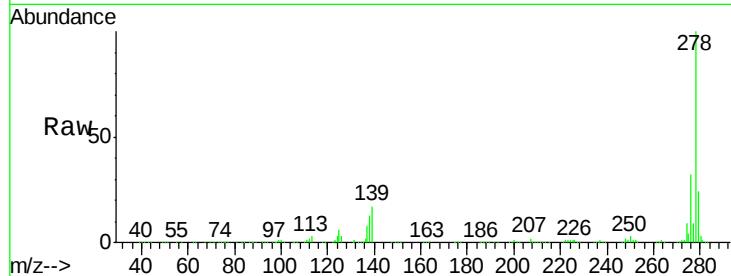
#90
Dibenzo(a,h)anthracene
Concen: 30.58 ng
RT: 19.38 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Instrument :
BNA_F
ClientSampleId :
PB81906BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.3	21.5
279	23.6	19.0	28.6

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#91
Benzo(g,h,i)perylene
Concen: 30.30 ng
RT: 19.78 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BF077484.D
Acq: 27 Feb 2015 2:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.3	20.5	30.7

