

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077204.D
 Acq On : 6 Feb 2015 16:18
 Operator : TP/IZ
 Sample : PB81636BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Manual Integrations
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 2/9/2015 1:35:38 PM

Quant Time: Feb 09 11:10:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27536	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	121374	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	58821	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	114101	20.00	ng	0.00
75) Chrysene-d12	21.05	240	110379	20.00	ng	0.00
86) Perylene-d12	22.74	264	95297	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.66	112	177851	106.19	ng	0.00
7) Phenol-d6	7.06	99	224246	106.14	ng	0.00
23) Nitrobenzene-d5	8.96	82	142782	65.17	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	54719	114.60	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	292154	75.59	ng	0.00
78) Terphenyl-d14	19.79	244	330192	68.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.10	88	19689	27.46	ng	97
3) Pyridine	1.55	79	54606	29.43	ng	90
4) n-Nitrosodimethylamine	1.50	42	26313	28.63	ng	# 98
6) Aniline	6.94	93	45682	15.62	ng	98
8) 2-Chlorophenol	7.17	128	65187	33.76	ng	97
9) Benzaldehyde	6.69	77	4896	2.98	ng	# 83
10) Phenol	7.08	94	72205	32.18	ng	90
11) bis(2-Chloroethyl)ether	7.20	93	58640	33.41	ng	# 75
12) 1,3-Dichlorobenzene	7.48	146	68101	31.00	ng	91
13) 1,4-Dichlorobenzene	7.68	146	73189	31.42	ng	95
14) 1,2-Dichlorobenzene	8.00	146	69492	32.38	ng	96
15) Benzyl Alcohol	8.10	79	56621	33.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.44	45	79180	33.56	ng	92
17) 2-Methylphenol	8.45	107	50300	31.88	ng	97
18) Hexachloroethane	8.74	117	27648	34.13	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	49189	33.26	ng	98
20) 3+4-Methylphenols	8.84	107	59652	28.55	ng	98
22) Acetophenone	8.65	105	96244	32.37	ng	99
24) Nitrobenzene	9.00	77	69356	31.08	ng	98
25) Isophorone	9.60	82	126303	31.66	ng	99
26) 2-Nitrophenol	9.74	139	32780	29.39	ng	95
27) 2,4-Dimethylphenol	10.03	122	55525	32.17	ng	94
28) bis(2-Chloroethoxy)methane	10.22	93	76880	33.90	ng	98
29) 2,4-Dichlorophenol	10.35	162	46260	28.76	ng	94
30) 1,2,4-Trichlorobenzene	10.46	180	59293	33.19	ng	99
31) Naphthalene	10.60	128	196981	31.52	ng	97
32) Benzoic acid	10.45	122	6672	6.98	ng	# 72
33) 4-Chloroaniline	10.86	127	40634	16.09	ng	96
34) Hexachlorobutadiene	10.97	225	32540	30.70	ng	89
35) Caprolactam	11.72	113	15136m	31.96	ng	
36) 4-Chloro-3-methylphenol	12.17	107	57919	31.45	ng	92
37) 2-Methylnaphthalene	12.26	142	136712	32.04	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	53912	37.07	ng	98
40) Hexachlorocyclopentadiene	12.65	237	50243	65.08	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.01	196	35359	33.37	ng	98
43) 2,4,5-Trichlorophenol	13.12	196	29270	27.08	ng #	89
45) 1,1'-Biphenyl	13.40	154	163653	37.53	ng	97
46) 2-Chloronaphthalene	13.38	162	128229	35.73	ng	98
47) 2-Nitroaniline	13.73	65	38986	35.81	ng	92
48) Acenaphthylene	14.33	152	204952	33.86	ng	99
49) Dimethylphthalate	14.29	163	155276	37.22	ng	98
50) 2,6-Dinitrotoluene	14.39	165	32738	39.28	ng	99
51) Acenaphthene	14.75	154	120544	35.10	ng	97
52) 3-Nitroaniline	14.74	138	24163	23.18	ng	82
53) 2,4-Dinitrophenol	15.03	184	14306	42.96	ng #	87
54) Dibenzofuran	15.17	168	188701	37.72	ng	98
55) 4-Nitrophenol	15.35	139	33130	50.67	ng	97
56) 2,4-Dinitrotoluene	15.32	165	45727	37.10	ng	91
57) Fluorene	15.94	166	158721	37.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	26156	33.24	ng #	88
59) Diethylphthalate	15.95	149	171261	40.62	ng	99
60) 4-Chlorophenyl-phenylether	16.04	204	65815	37.95	ng #	85
61) 4-Nitroaniline	16.10	138	30579	29.67	ng	94
62) Azobenzene	16.33	77	172864	39.35	ng	95
64) 4,6-Dinitro-2-methylphenol	16.18	198	18128	26.32	ng	92
65) n-Nitrosodiphenylamine	16.29	169	132173	32.49	ng	97
66) 4-Bromophenyl-phenylether	16.91	248	39473	34.15	ng #	86
67) Hexachlorobenzene	16.92	284	40545	33.28	ng	93
68) Atrazine	17.30	200	45102	36.53	ng	98
69) Pentachlorophenol	17.30	266	26100	49.59	ng	94
70) Phenanthrene	17.57	178	226381	31.82	ng	100
71) Anthracene	17.65	178	220510	31.78	ng	98
72) Carbazole	17.95	167	215038	31.95	ng	98
73) Di-n-butylphthalate	18.55	149	276926	35.55	ng	99
74) Fluoranthene	19.23	202	231268	31.72	ng	98
76) Benzidine	19.48	184	99358	28.13	ng	98
77) Pyrene	19.52	202	245766	32.49	ng	99
79) Butylbenzylphthalate	20.45	149	124293	36.28	ng	93
80) Benzo(a)anthracene	21.04	228	217088	31.35	ng	99
81) 3,3'-Dichlorobenzidine	21.06	252	52693	23.94	ng #	96
82) Chrysene	21.08	228	207857	32.91	ng	98
83) Bis(2-ethylhexyl)phthalate	21.20	149	177689	37.49	ng #	95
84) Di-n-octyl phthalate	21.97	149	311754	37.89	ng	99
85) Indeno(1,2,3-cd)pyrene	23.91	276	206457	30.85	ng #	84
87) Benzo(b)fluoranthene	22.32	252	202076	31.48	ng #	96
88) Benzo(k)fluoranthene	22.35	252	198210m	35.35	ng	
89) Benzo(a)pyrene	22.68	252	195354	34.51	ng	98
90) Dibenzo(a,h)anthracene	23.93	278	172073	33.12	ng #	93
91) Benzo(g,h,i)perylene	24.18	276	177924	34.45	ng	97

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

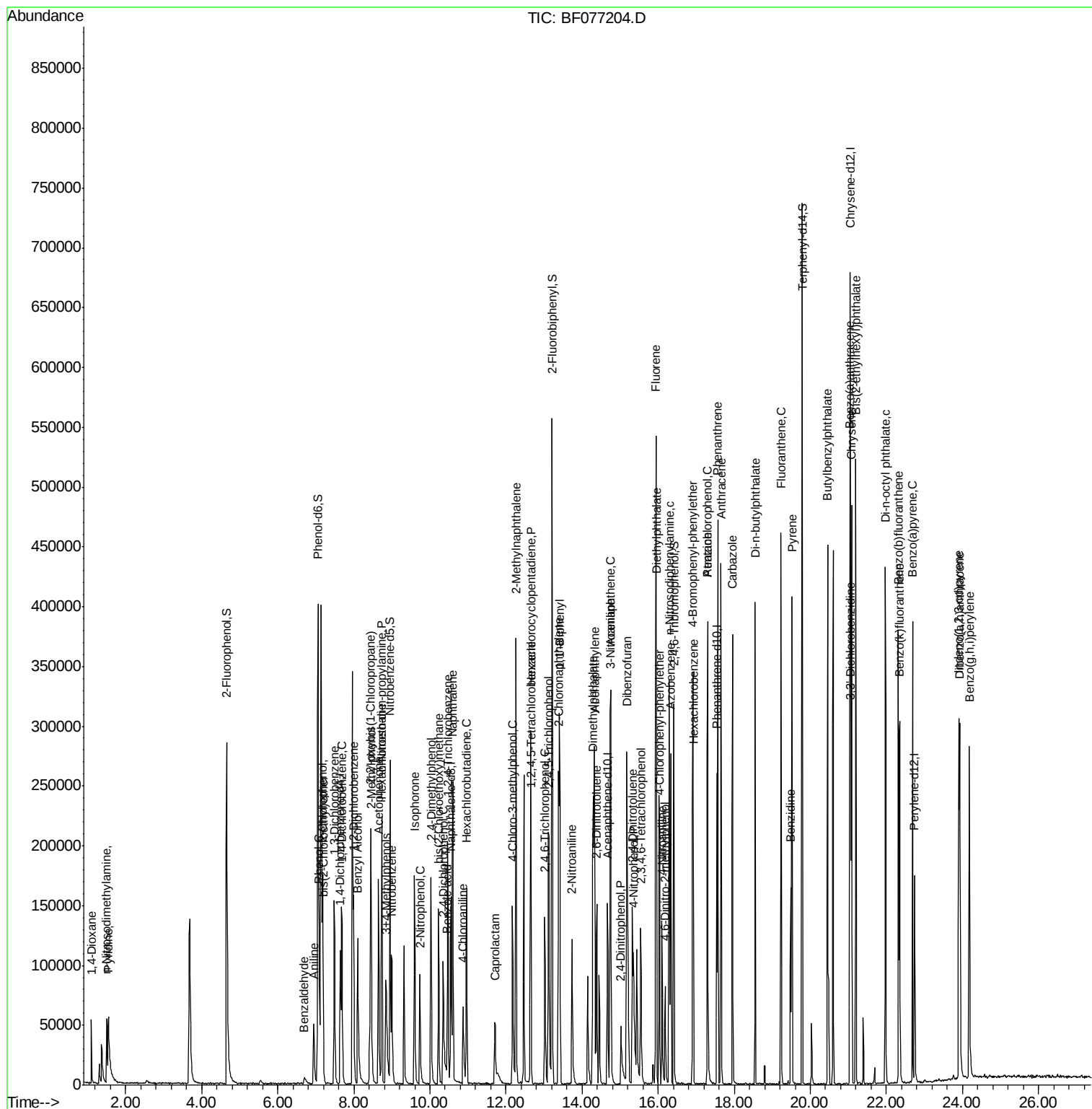
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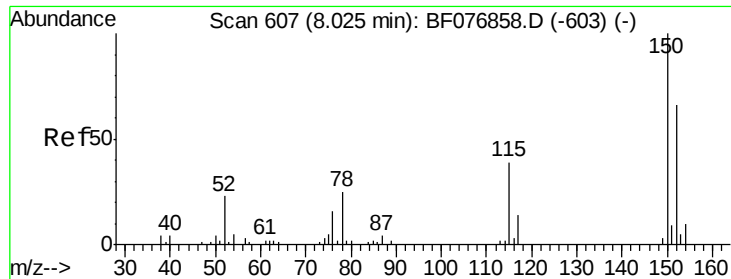
Instrument :
BNA_F
ClientSampleID :
PB81636BS

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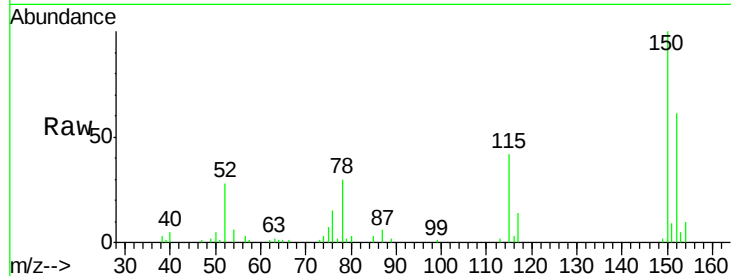
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.64 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.4	121.7	182.5
115	68.1	47.0	70.6

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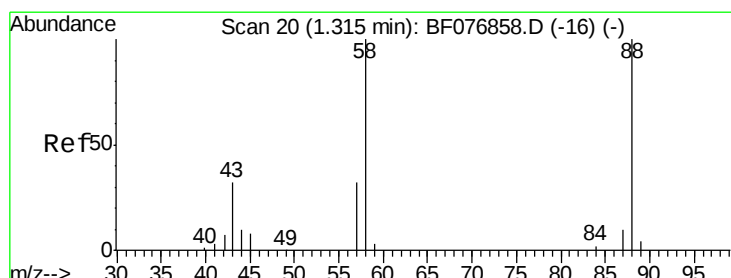
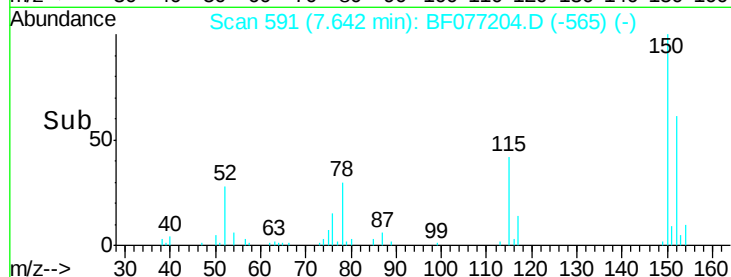
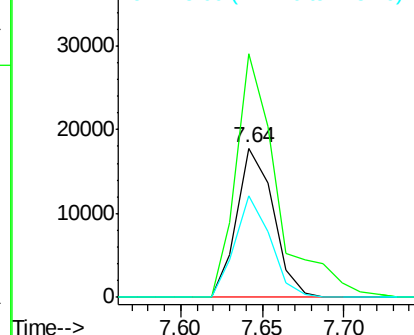


Abundance

Ion 152.00 (151.70 to 152.70): E

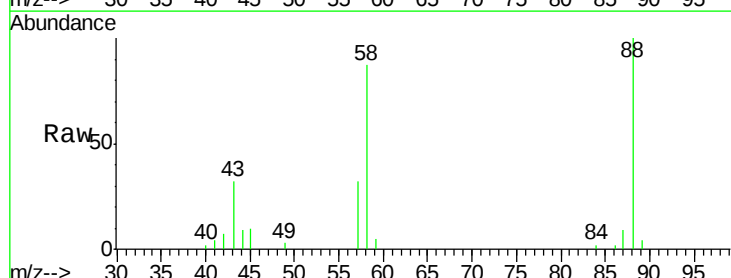
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 27.46 ng
 RT: 1.10 min Scan# 19
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	77.0	115.4
43	33.5	25.6	38.4

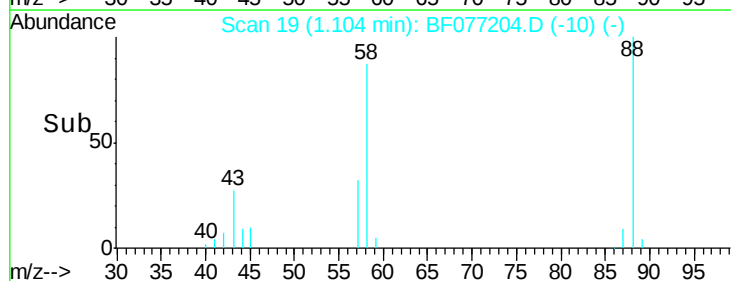
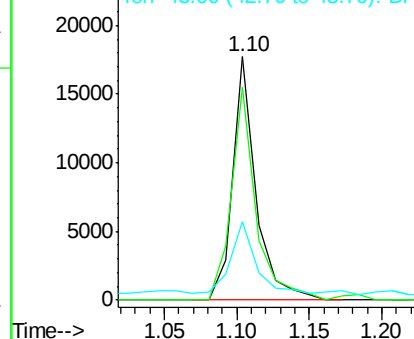


Abundance

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: 29.43 ng

RT: 1.55 min Scan# 58

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

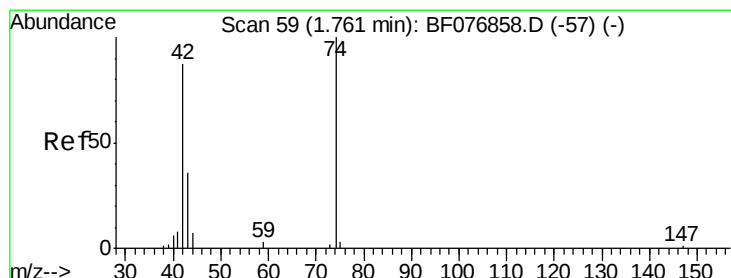
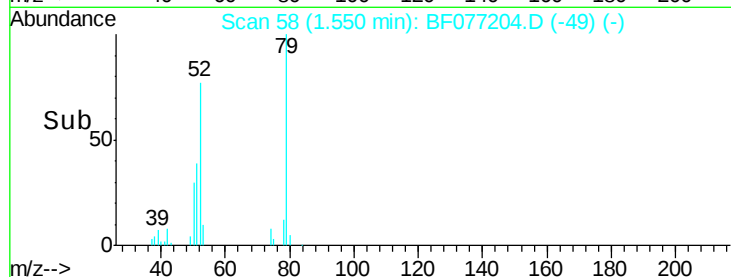
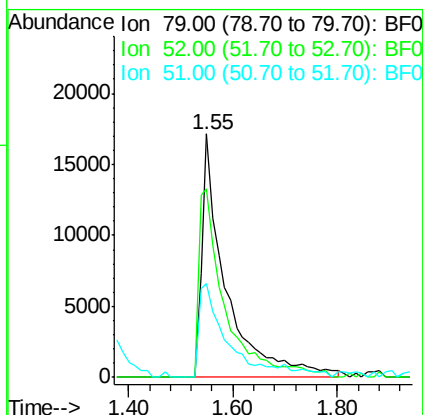
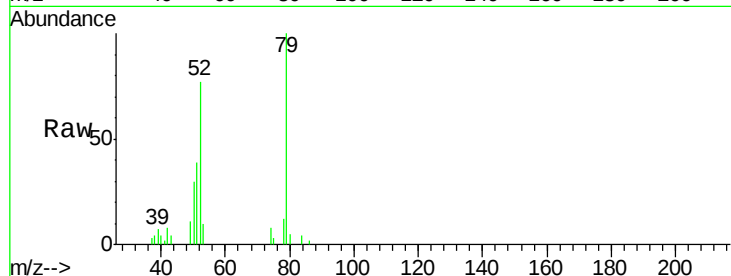
ClientSampleId :

PB81636BS

Tgt Ion:	79	Resp:	54606
Ion Ratio	Lower	Upper	
79	100		
52	77.3	70.1	105.1
51	38.6	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 28.63 ng

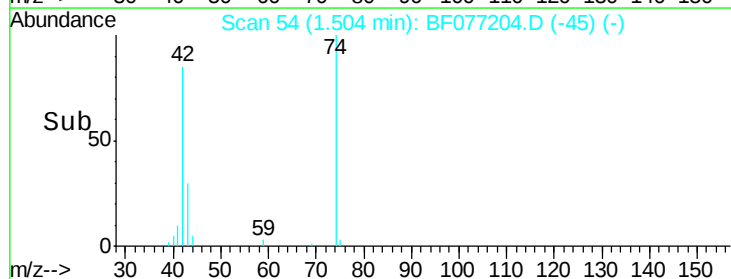
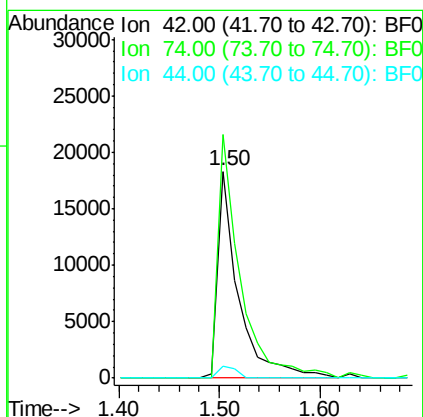
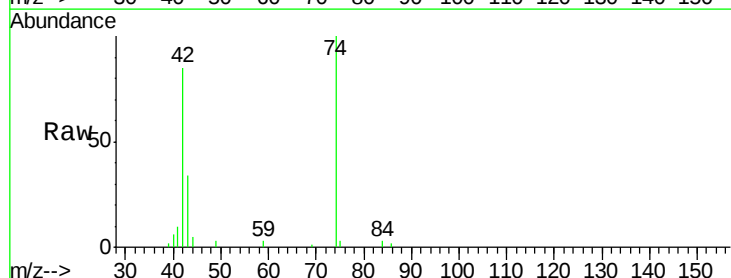
RT: 1.50 min Scan# 54

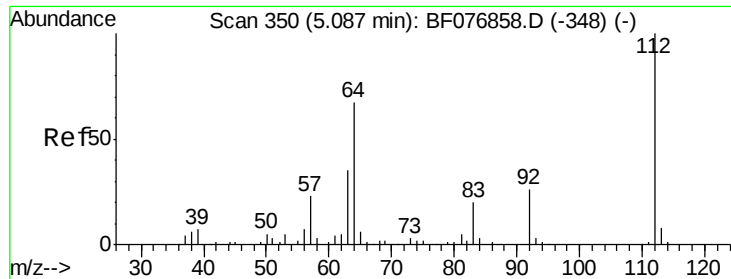
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	42	Resp:	26313
Ion Ratio	Lower	Upper	
42	100		
74	117.6	92.4	138.6
44	5.7	6.2	9.2#





#5

2-Fluorophenol

Concen: 106.19 ng

RT: 4.66 min Scan# 330

Delta R.T. 0.00 min

Lab File: BF077204.D

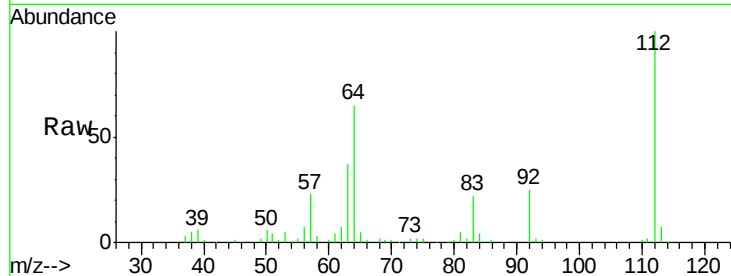
Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

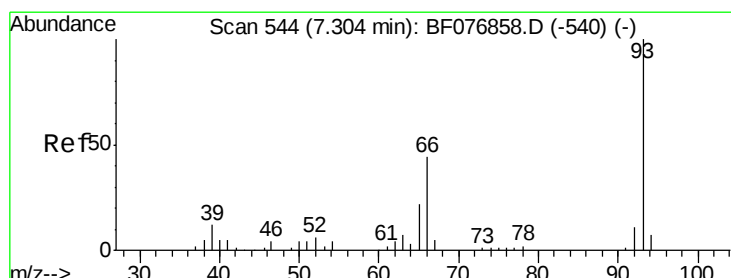
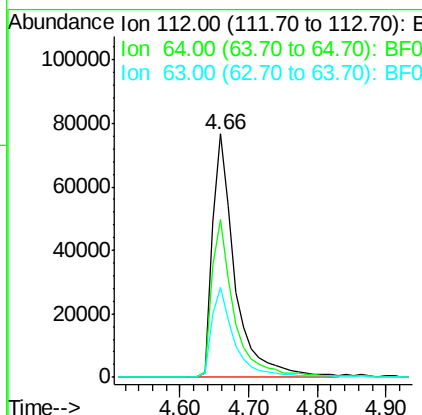
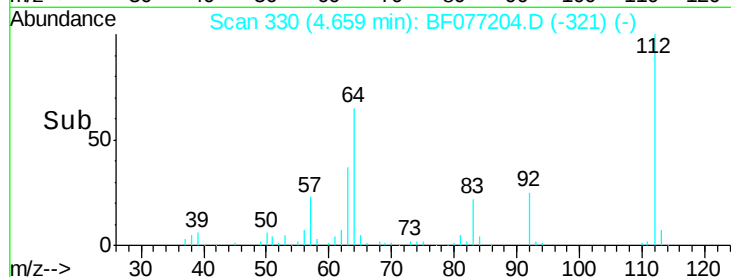
PB81636BS



Tgt Ion:	112	Resp:	177851
Ion Ratio	Lower	Upper	
112	100		
64	64.9	54.2	81.4
63	37.0	28.4	42.6

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#6

Aniline

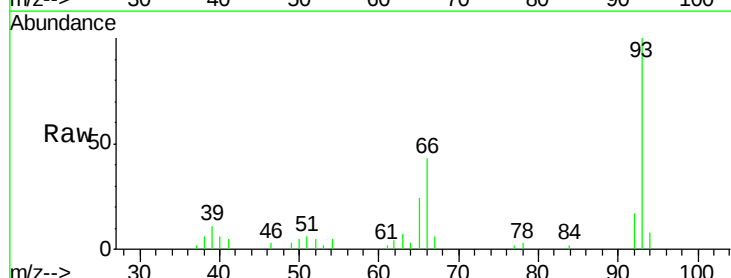
Concen: 15.62 ng

RT: 6.94 min Scan# 530

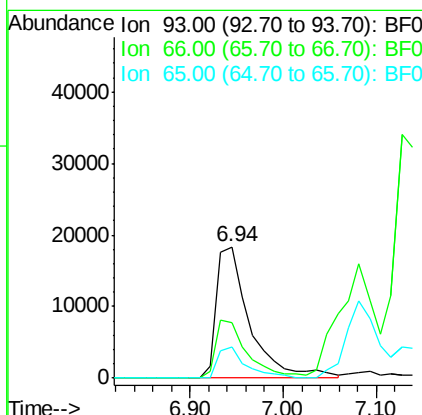
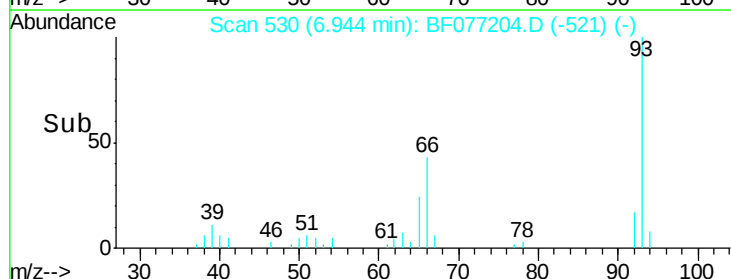
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18



Tgt Ion:	93	Resp:	45682
Ion Ratio	Lower	Upper	
93	100		
66	42.7	35.0	52.4
65	24.1	17.7	26.5





#7

Phenol-d6

Concen: 106.14 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

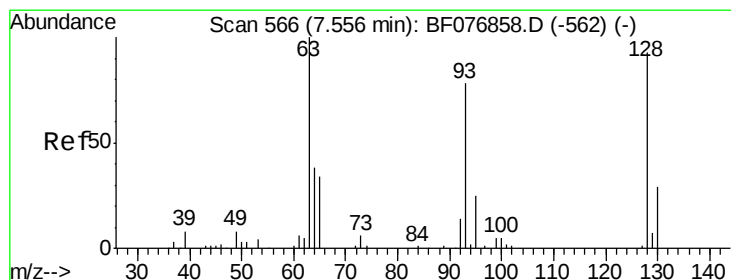
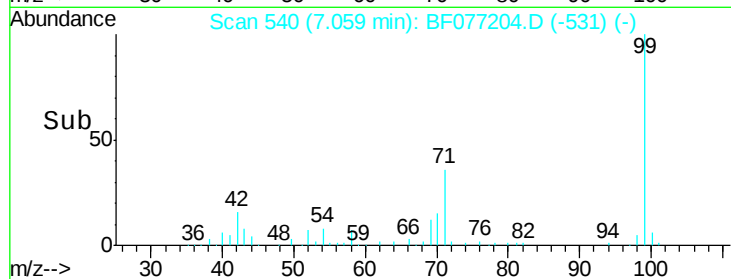
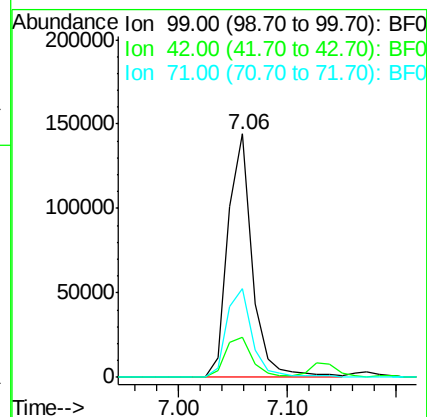
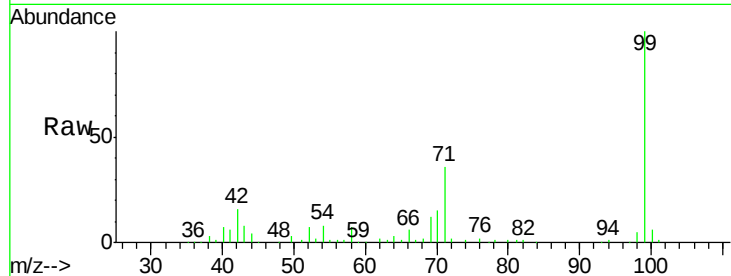
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Tgt Ion:	99	Resp:	224246
Ion Ratio	Lower	Upper	
99	100		
42	16.3	15.0	22.4
71	36.5	30.5	45.7

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#8

2-Chlorophenol

Concen: 33.76 ng

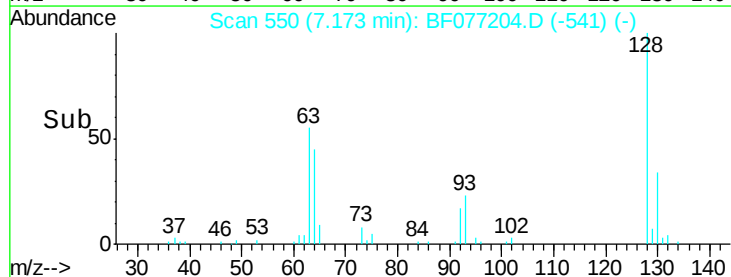
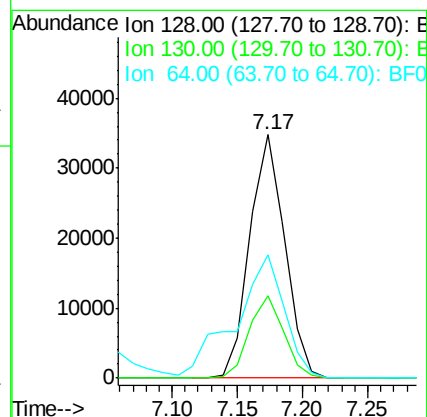
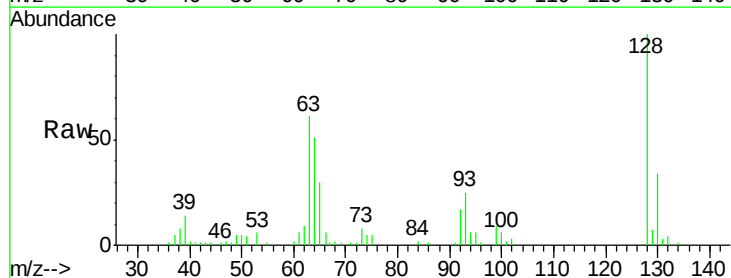
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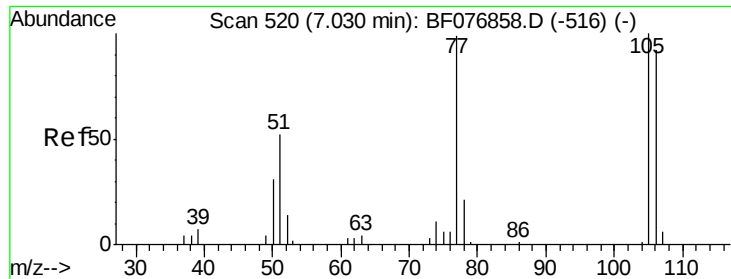
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	128	Resp:	65187
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.0	51.0
64	50.9	29.3	69.3





#9

Benzaldehyde

Concen: 2.98 ng

RT: 6.69 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF077204.D

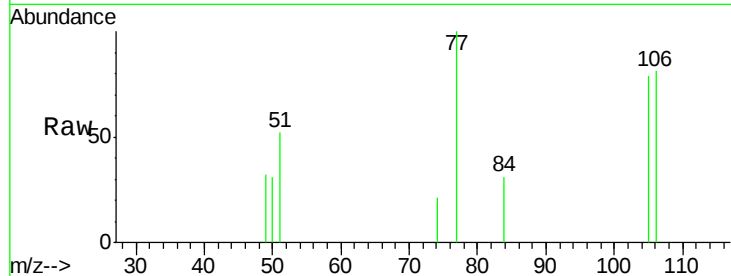
Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

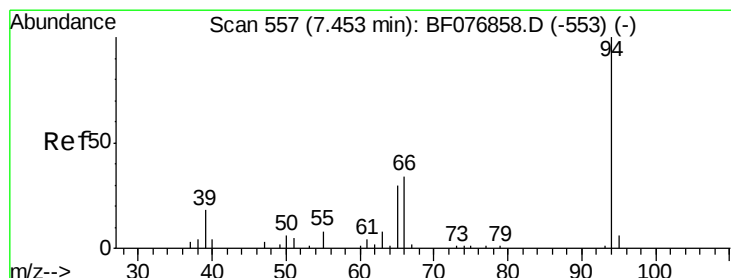
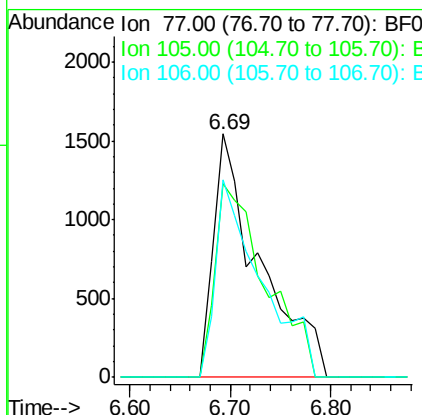
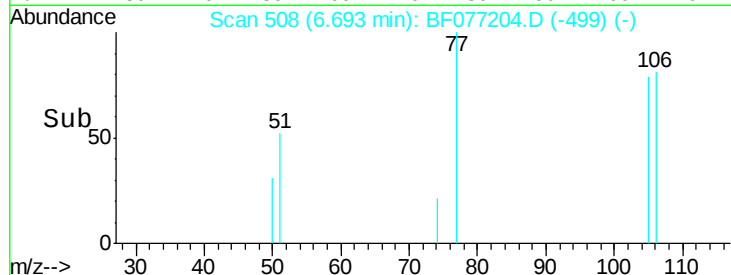
PB81636BS



Tgt Ion:	77	Resp:	4896
Ion	Ratio	Lower	Upper
77	100		
105	79.3	81.4	121.4#
106	81.0	72.8	112.8

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#10

Phenol

Concen: 32.18 ng

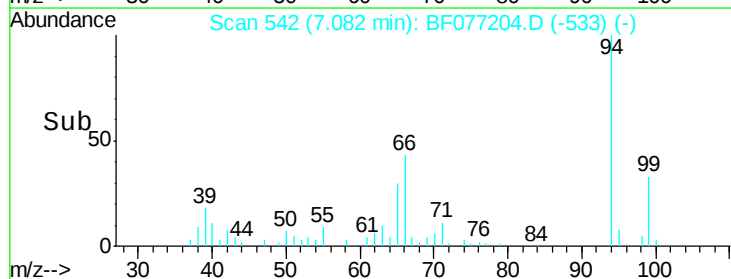
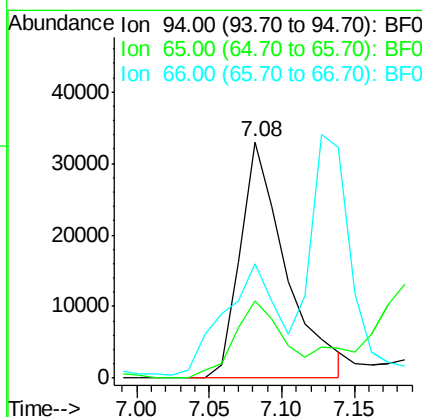
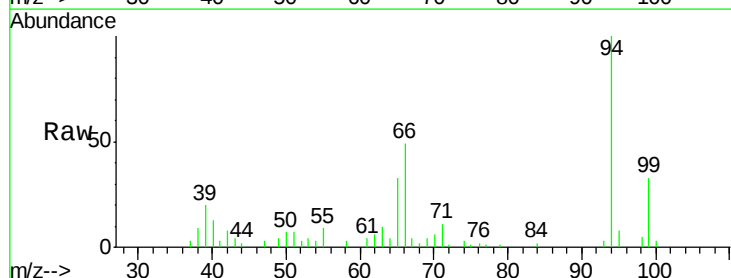
RT: 7.08 min Scan# 542

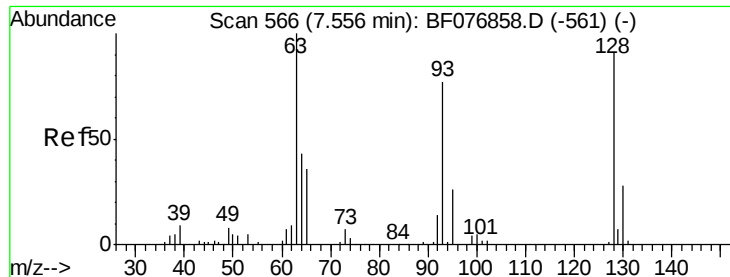
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	94	Resp:	72205
Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.3	51.3
66	48.6	19.5	59.5





#11

bis(2-Chloroethyl)ether

Concen: 33.41 ng

RT: 7.20 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion: 93 Resp: 58640

Ion Ratio Lower Upper

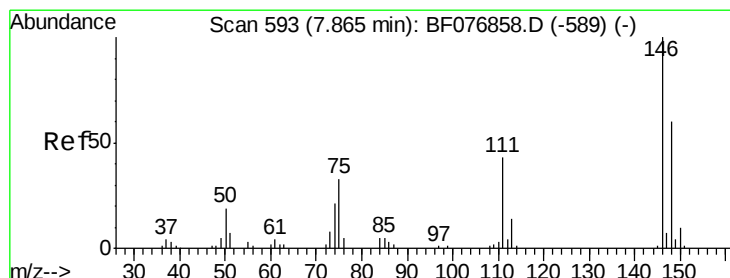
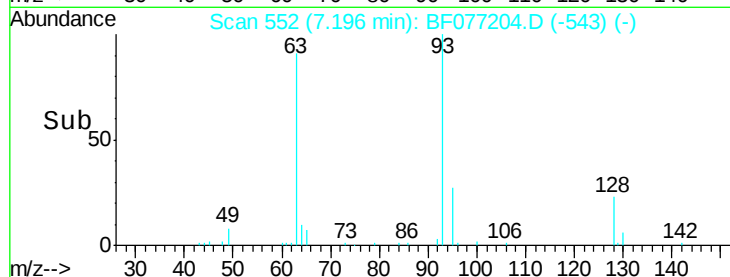
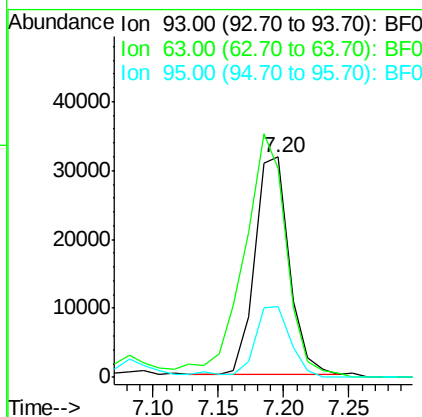
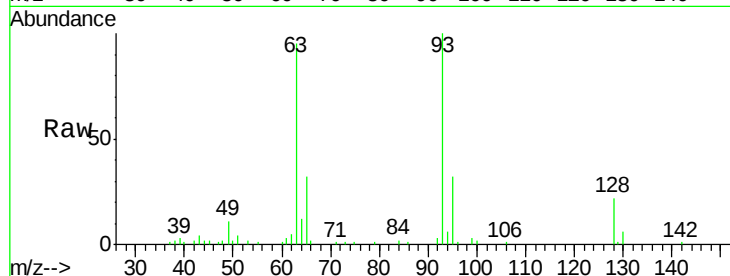
93 100

63 95.2 111.3 151.3#

95 32.3 13.8 53.8

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#12

1,3-Dichlorobenzene

Concen: 31.00 ng

RT: 7.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

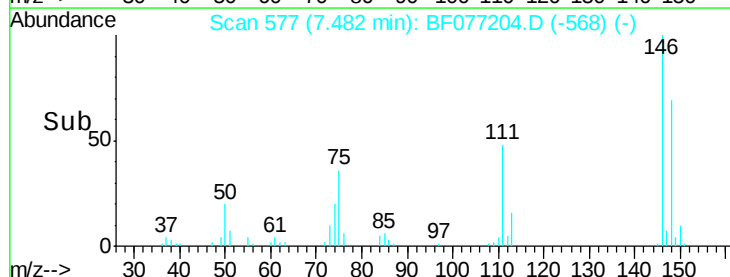
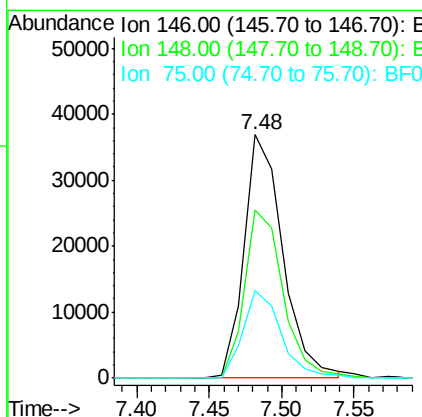
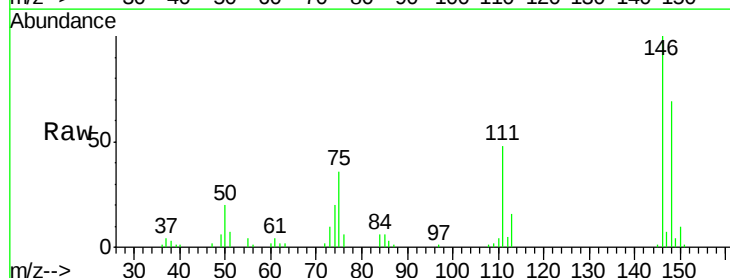
Tgt Ion: 146 Resp: 68101

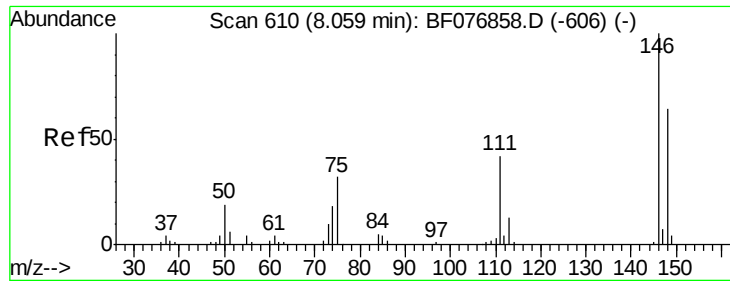
Ion Ratio Lower Upper

146 100

148 68.8 48.1 72.1

75 35.7 26.8 40.2





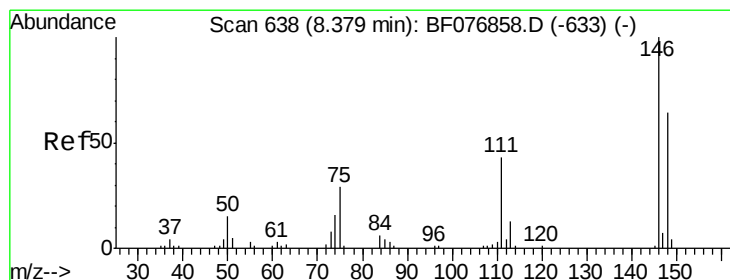
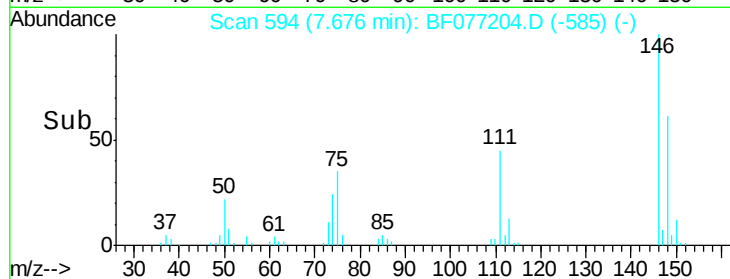
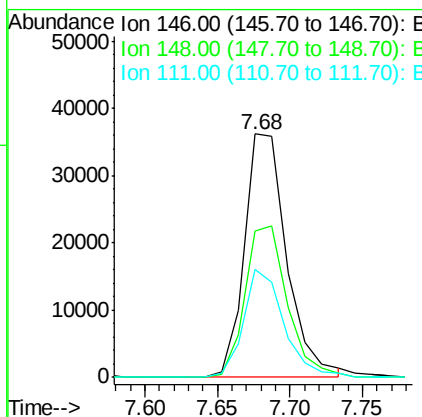
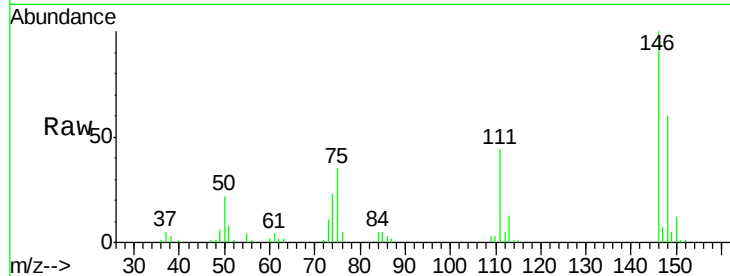
#13
1,4-Dichlorobenzene
Concen: 31.42 ng
RT: 7.68 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.0	51.5	77.3
111	44.4	33.9	50.9

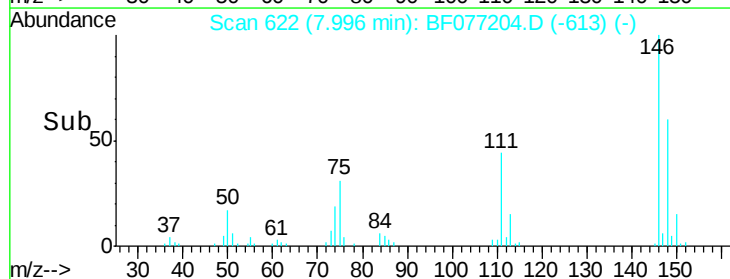
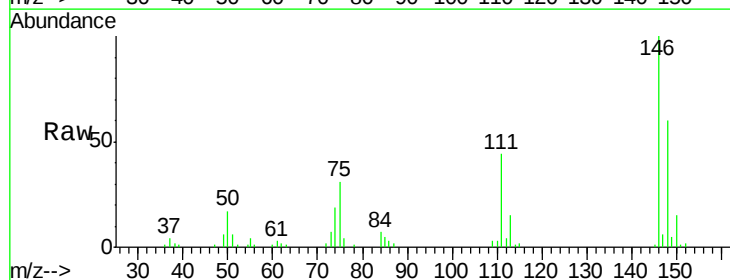
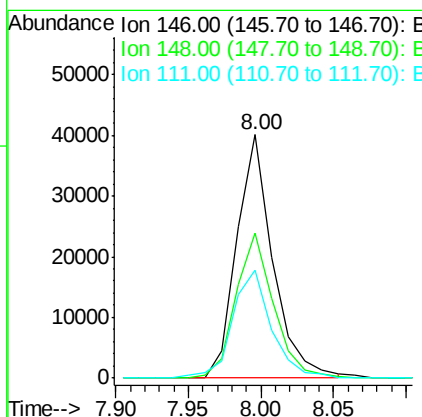
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#14
1,2-Dichlorobenzene
Concen: 32.38 ng
RT: 8.00 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.8	51.3	76.9
111	44.2	34.5	51.7





#15

Benzyl Alcohol

Concen: 33.12 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

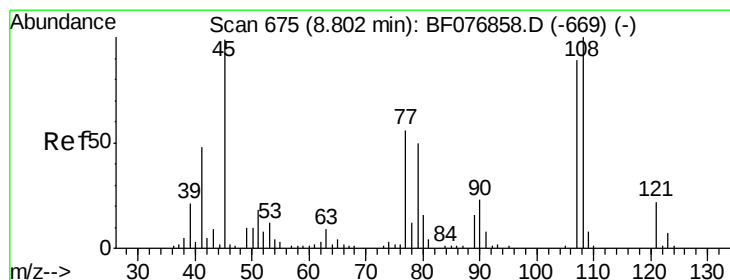
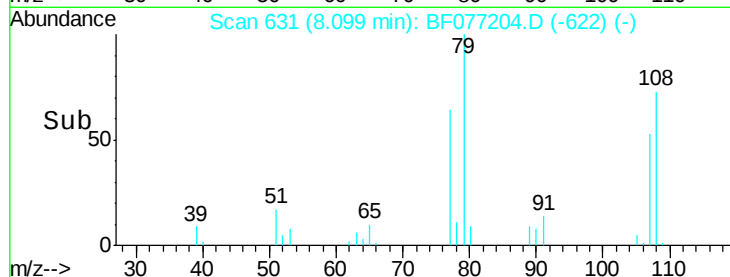
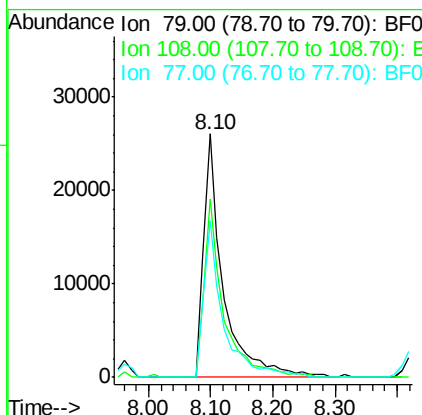
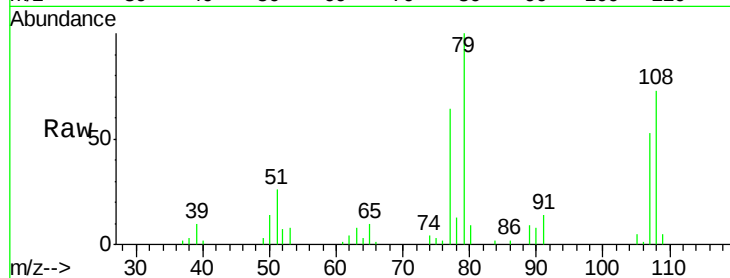
ClientSampleId :

PB81636BS

Tgt Ion:	79	Resp:	56621
Ion Ratio	Lower	Upper	
79	100		
108	73.5	57.2	85.8
77	64.2	51.2	76.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.56 ng

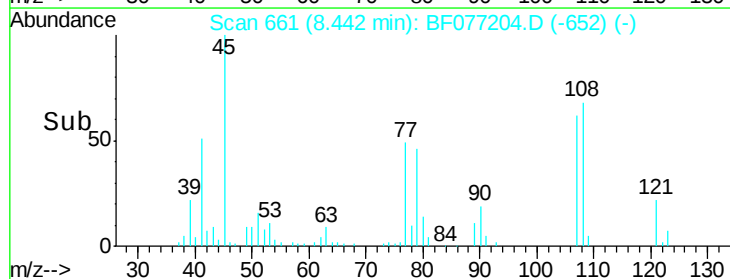
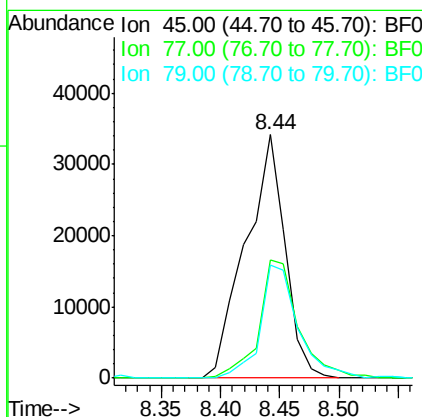
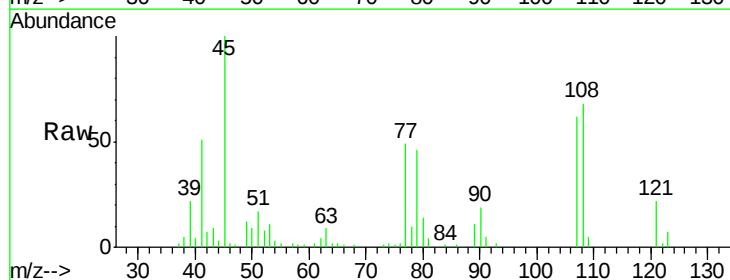
RT: 8.44 min Scan# 661

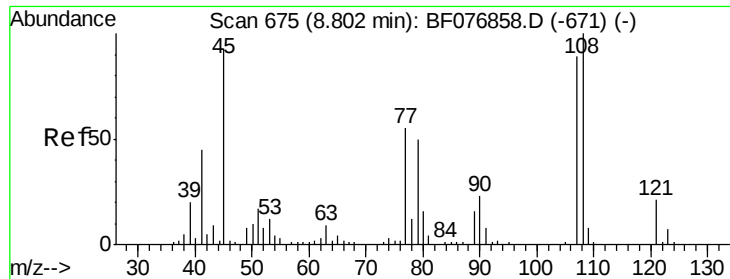
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	45	Resp:	79180
Ion Ratio	Lower	Upper	
45	100		
77	48.6	36.1	76.1
79	46.4	30.5	70.5





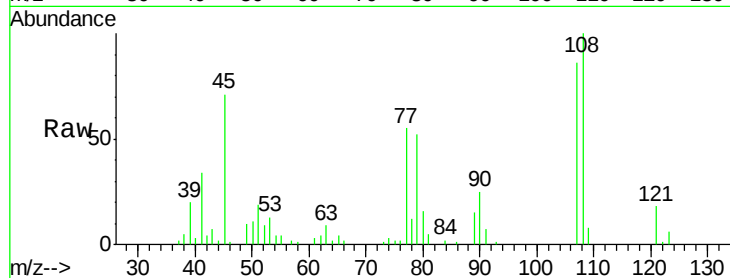
#17
2-Methylphenol
Concen: 31.88 ng
RT: 8.45 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	50300		
108	115.7	89.7	134.5	
77	63.5	50.1	75.1	
79	60.0	45.0	67.6	

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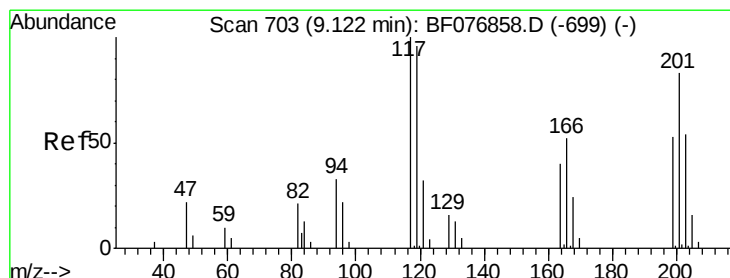
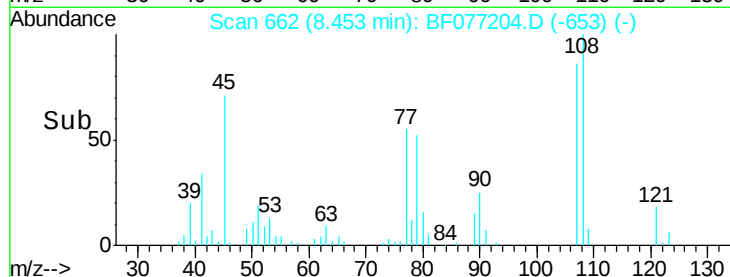
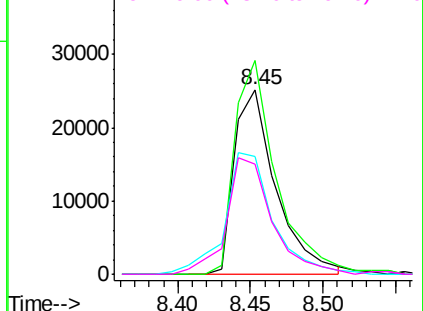
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.13 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

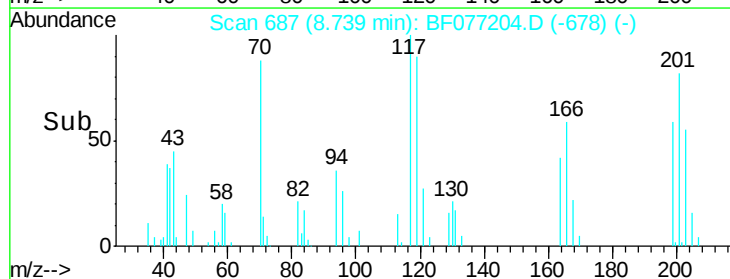
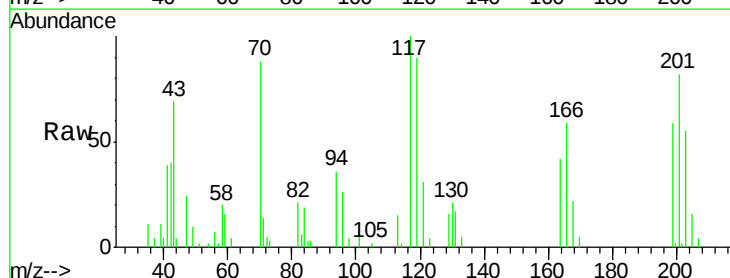
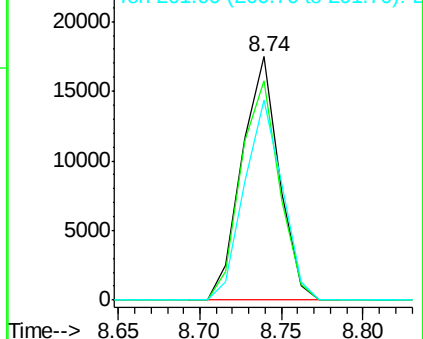
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27648		
119	90.1	77.1	115.7	
201	82.3	66.8	100.2	

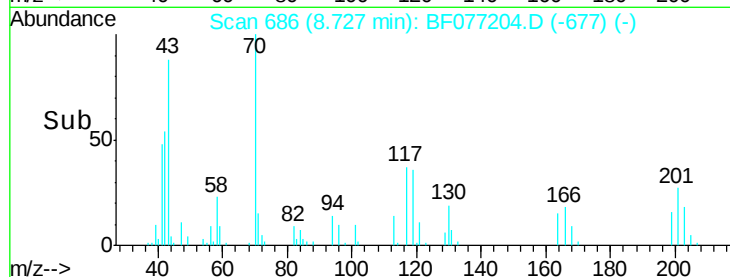
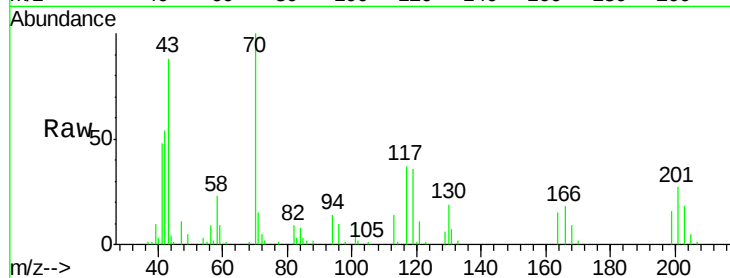
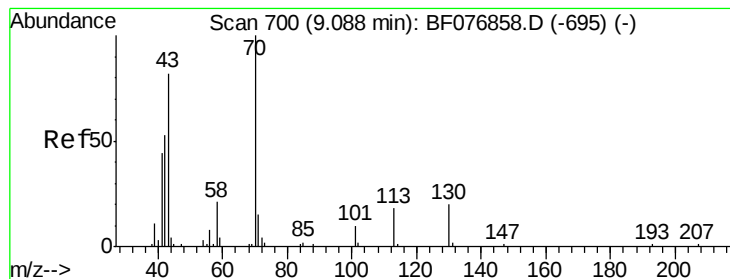
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.26 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

PB81636BS

Tgt Ion: 70 Resp: 49189

Ion Ratio Lower Upper

70 100

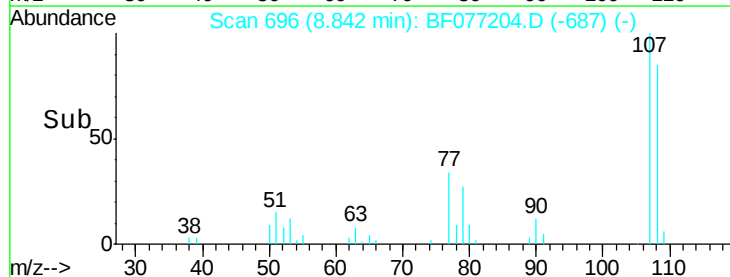
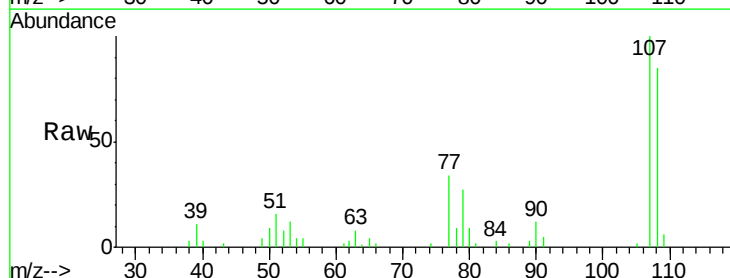
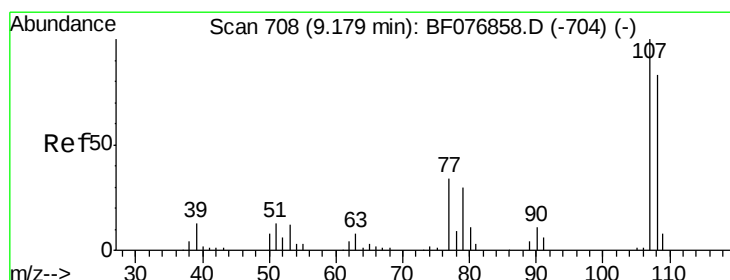
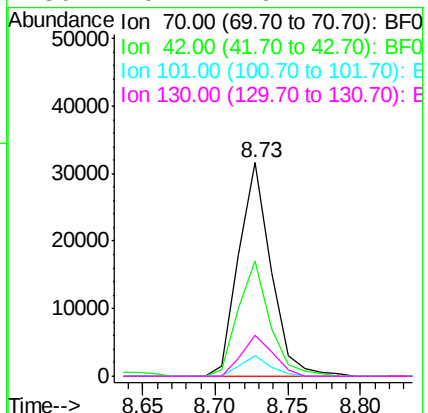
42 54.2 42.1 63.1

101 9.9 7.8 11.8

130 19.2 16.2 24.4

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#20

3+4-Methylphenols

Concen: 28.55 ng

RT: 8.84 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion: 107 Resp: 59652

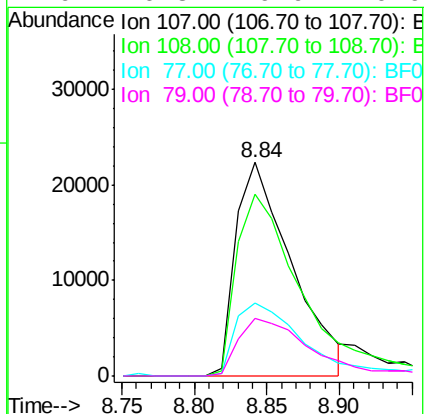
Ion Ratio Lower Upper

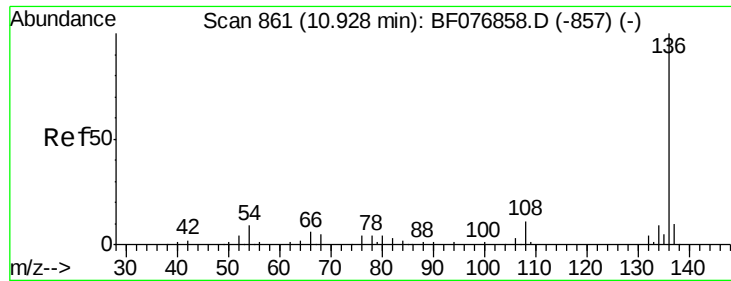
107 100

108 85.2 63.5 103.5

77 34.4 14.0 54.0

79 26.8 9.9 49.9





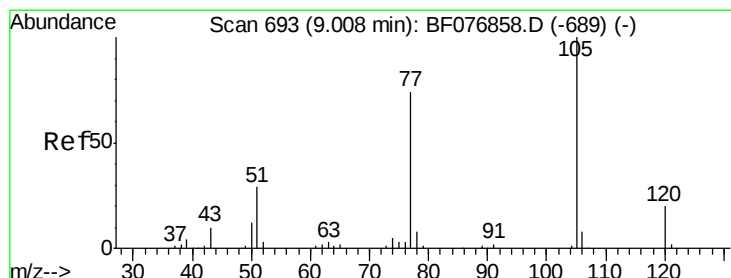
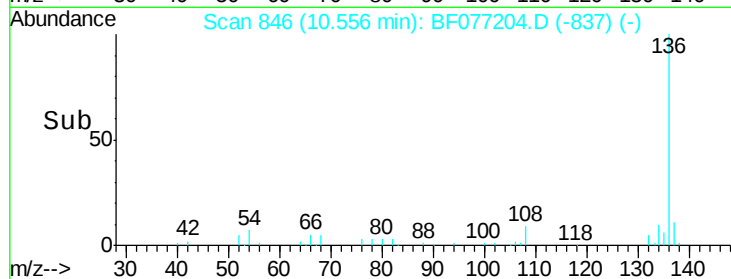
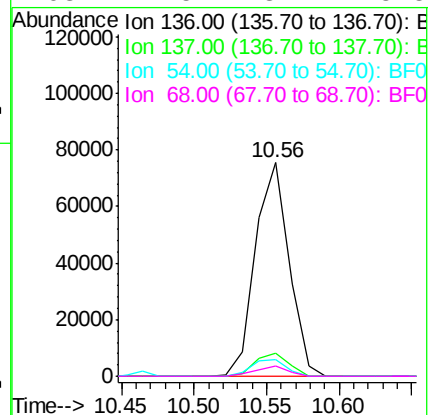
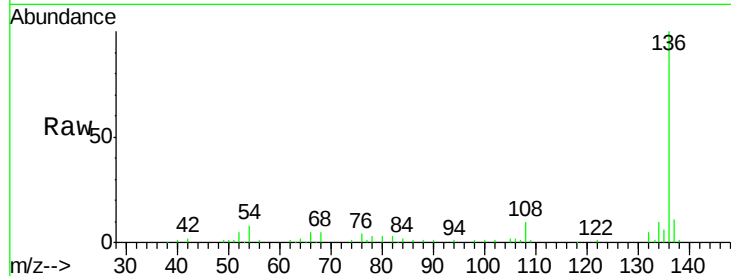
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	121374		
137	10.9	8.1	12.1	
54	7.9	7.0	10.4	
68	4.5	3.7	5.5	

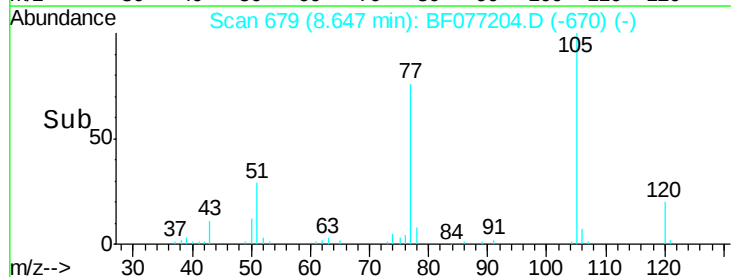
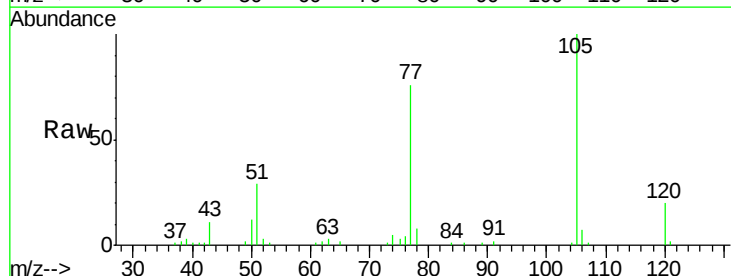
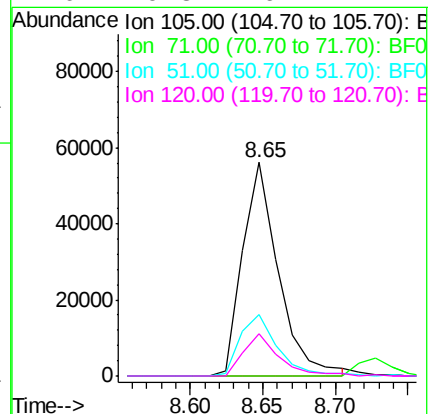
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#22
Acetophenone
Concen: 32.37 ng
RT: 8.65 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	96244		
71	0.0	0.0	0.0	
51	28.7	23.3	34.9	
120	19.8	16.1	24.1	





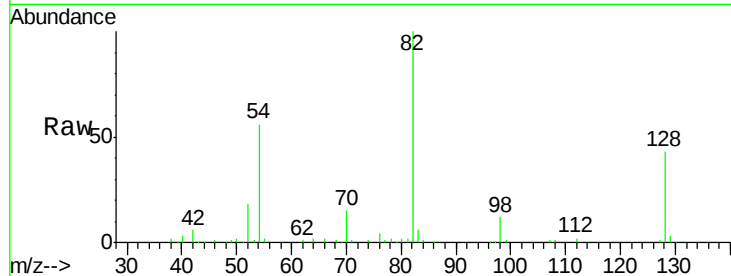
#23
 Nitrobenzene-d5
 Concen: 65.17 ng
 RT: 8.96 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

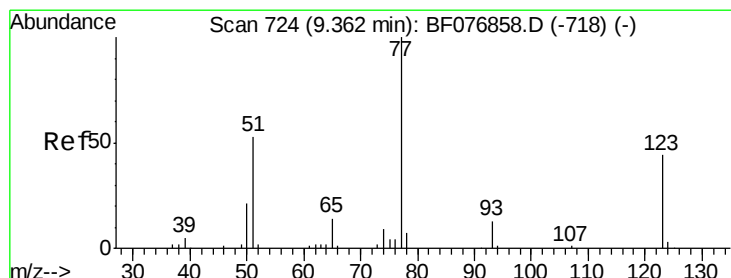
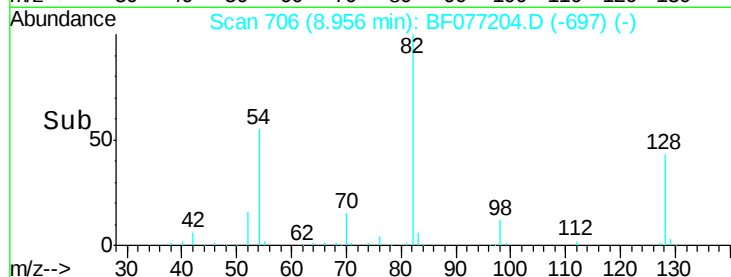
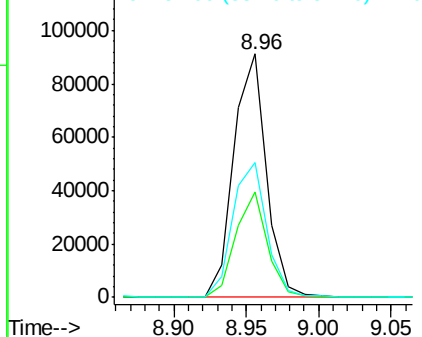
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	142782		
128	43.4	33.1	49.7	
54	55.5	48.3	72.5	

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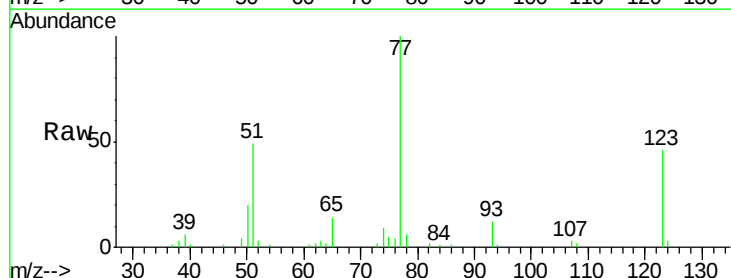


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

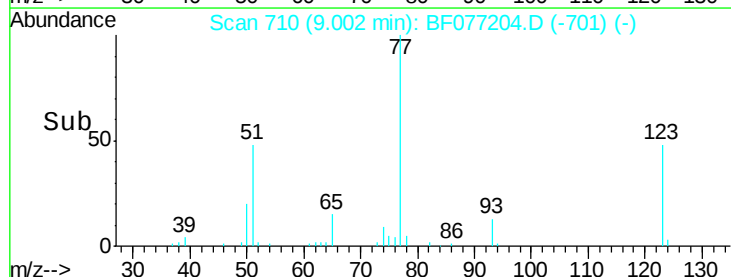
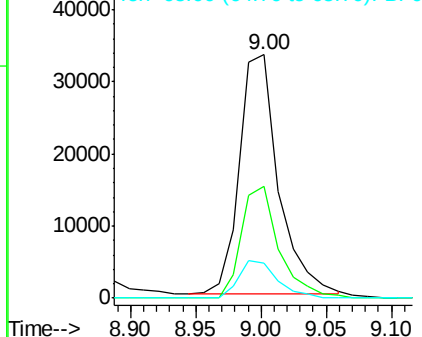


#24
 Nitrobenzene
 Concen: 31.08 ng
 RT: 9.00 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	69356		
123	45.9	35.2	52.8	
65	14.4	11.4	17.2	



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





#25

Isophorone

Concen: 31.66 ng

RT: 9.60 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

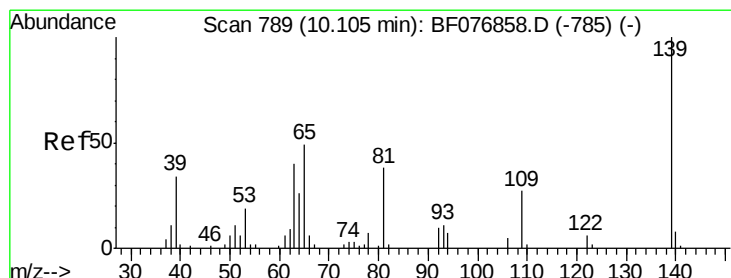
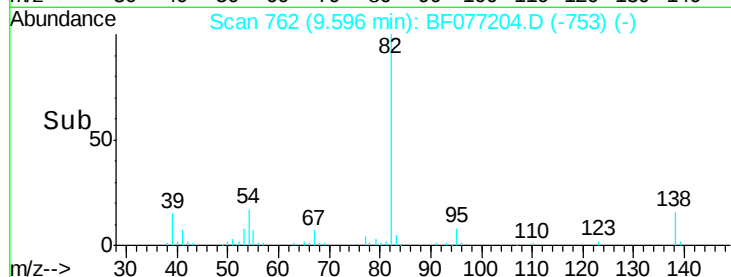
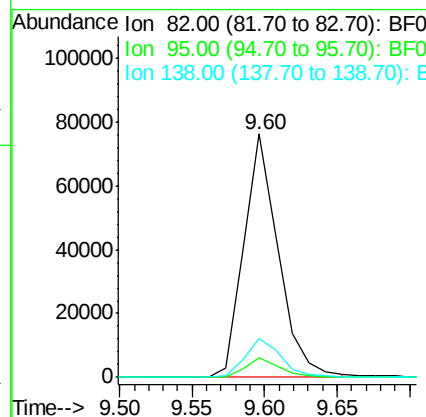
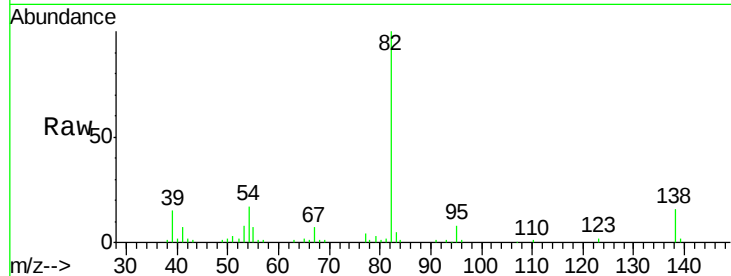
ClientSampleId :

PB81636BS

Tgt Ion:	82	Resp:	126303
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.6	10.0
138	16.0	12.6	18.8

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#26

2-Nitrophenol

Concen: 29.39 ng

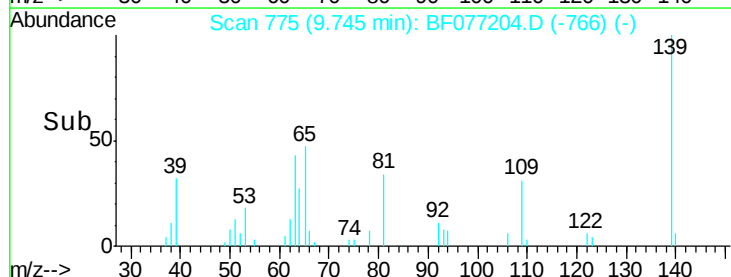
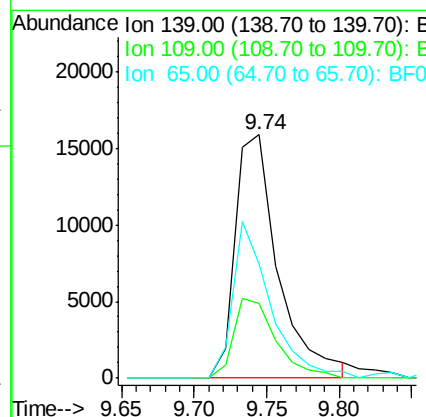
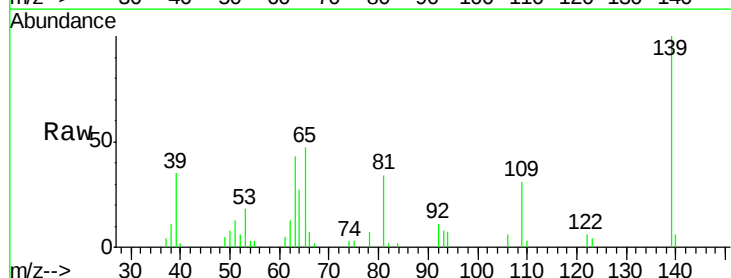
RT: 9.74 min Scan# 775

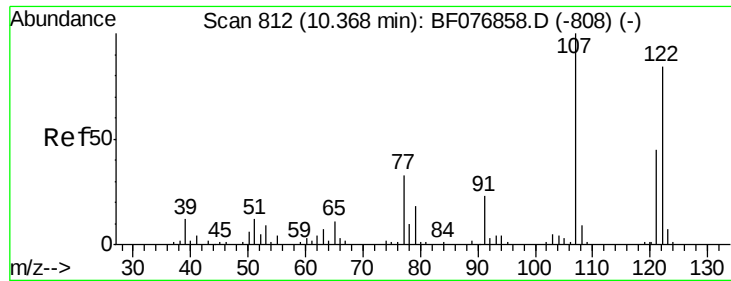
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

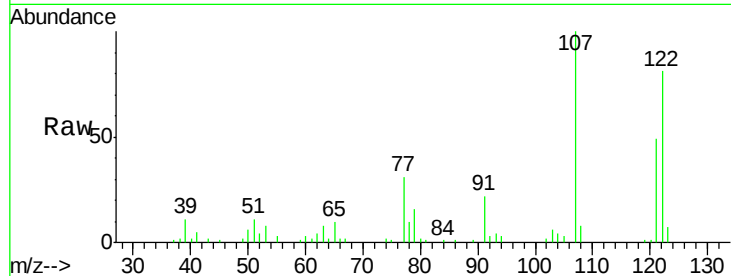
Tgt Ion:	139	Resp:	32780
Ion Ratio		Lower	Upper
139	100		
109	30.8	21.3	31.9
65	46.8	39.4	59.0





#27
 2,4-Dimethylphenol
 Concen: 32.17 ng
 RT: 10.03 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

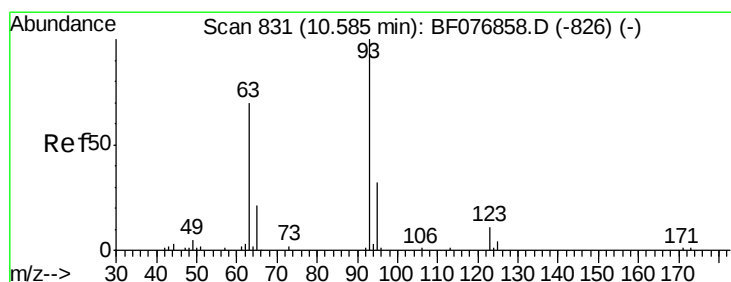
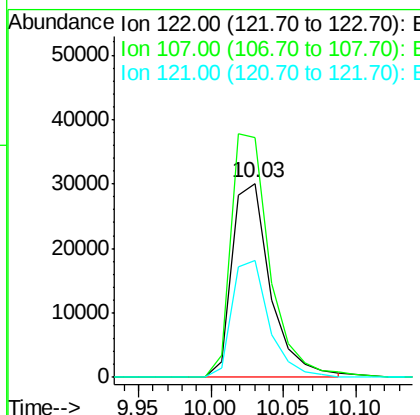
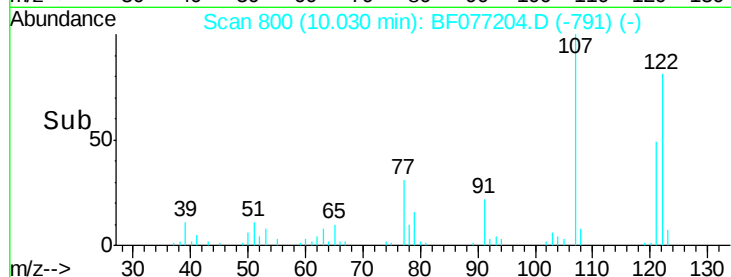
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	55525		
107	123.5	95.2	142.8	
121	60.3	42.9	64.3	

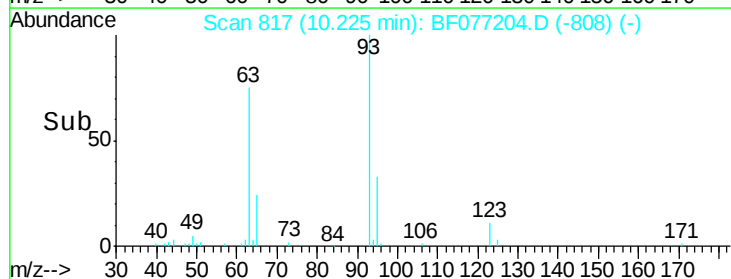
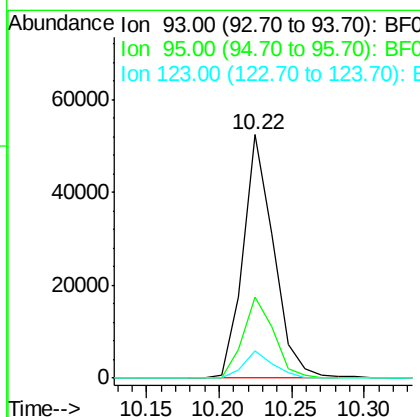
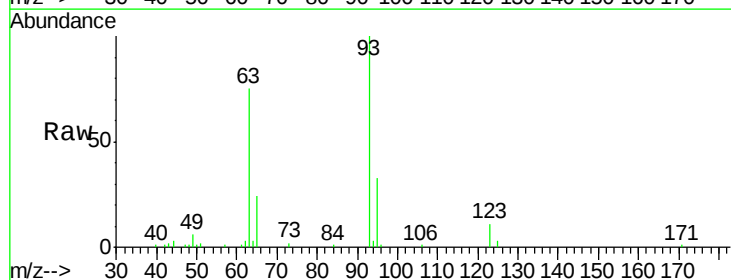
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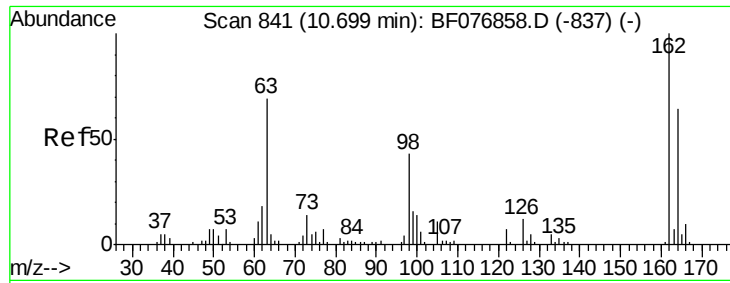
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.90 ng
 RT: 10.22 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	76880		
95	33.2	25.6	38.4	
123	11.2	8.9	13.3	





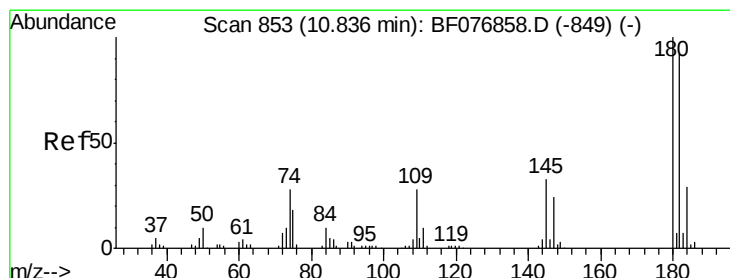
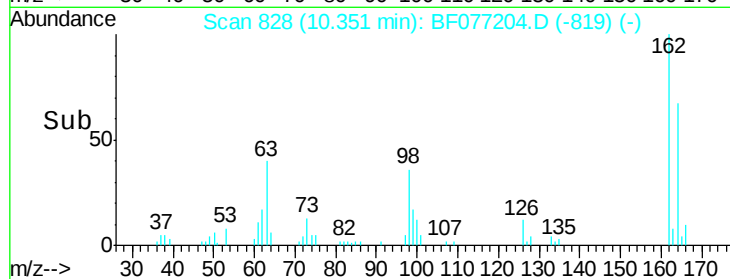
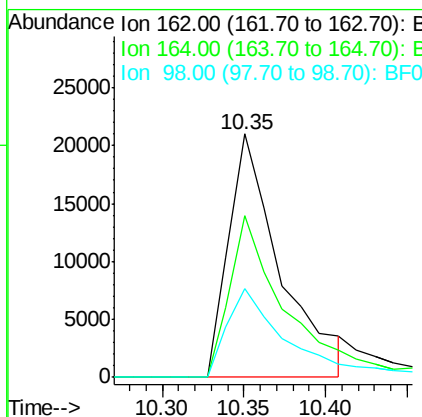
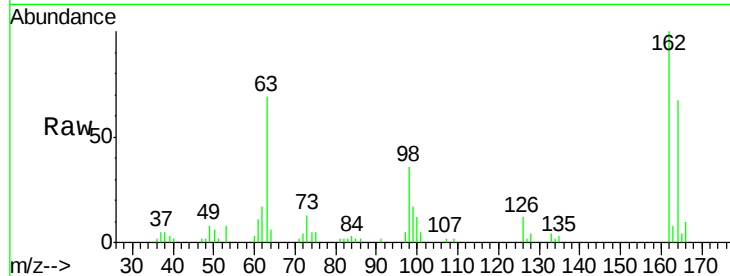
#29
 2,4-Dichlorophenol
 Concen: 28.76 ng
 RT: 10.35 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
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Tgt Ion:	162	Resp:	46260
Ion Ratio	Lower	Upper	
162	100		
164	66.6	43.8	83.8
98	36.3	22.5	62.5

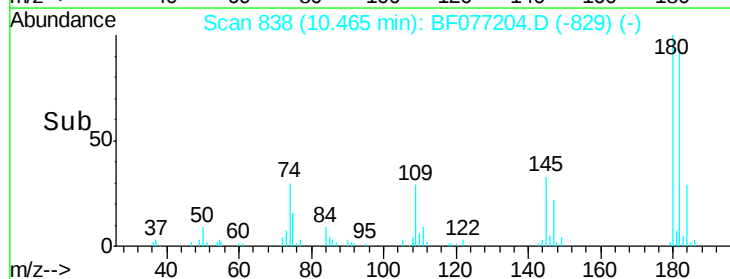
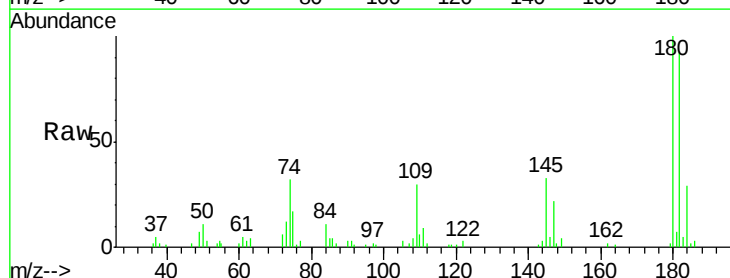
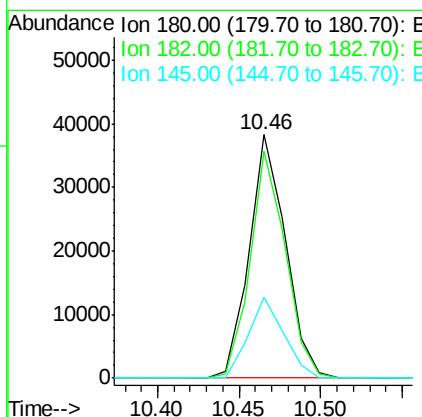
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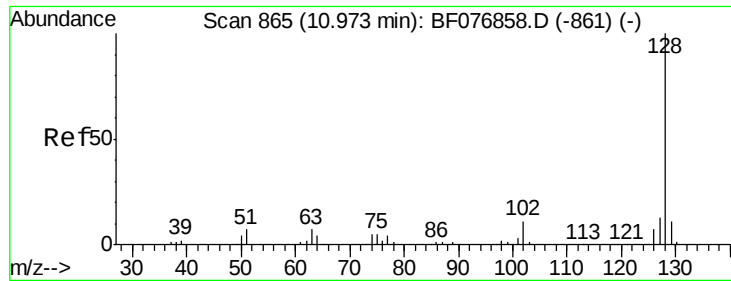
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.19 ng
 RT: 10.46 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:	180	Resp:	59293
Ion Ratio	Lower	Upper	
180	100		
182	93.1	73.6	110.4
145	33.5	26.6	39.8





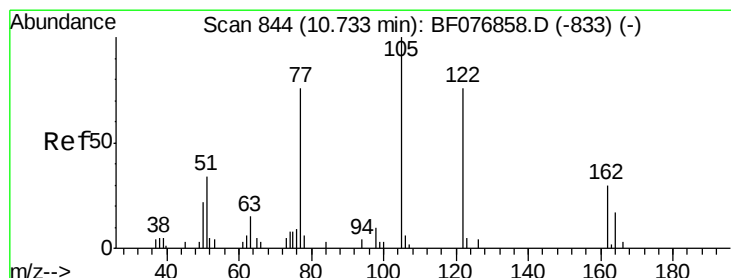
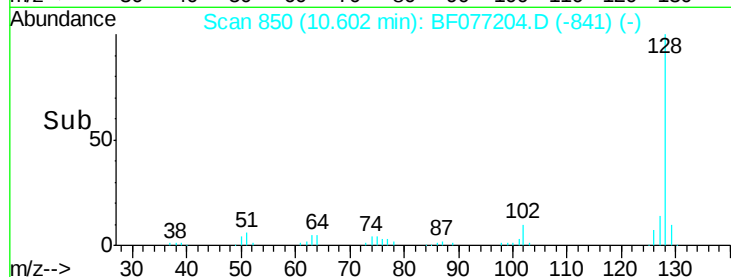
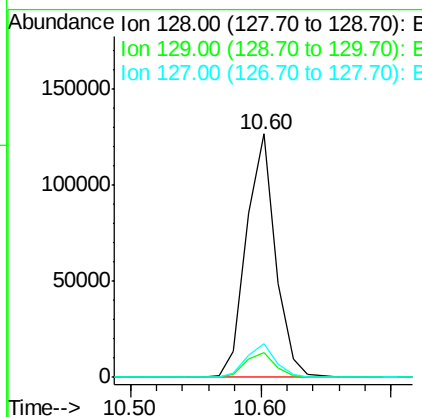
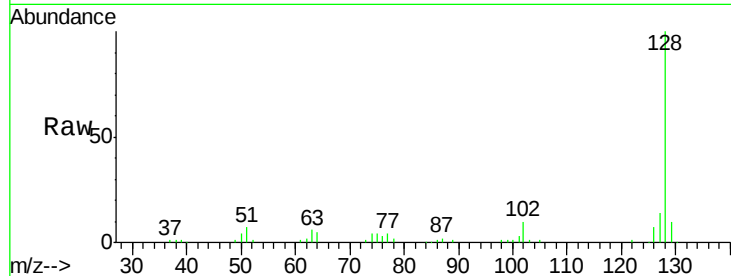
#31
Naphthalene
Concen: 31.52 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	196981		
129	10.2	9.0	13.6	
127	13.6	10.2	15.2	

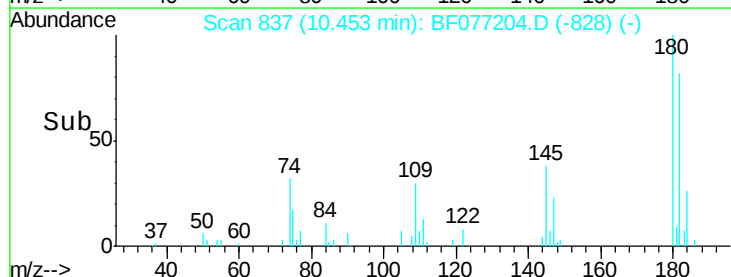
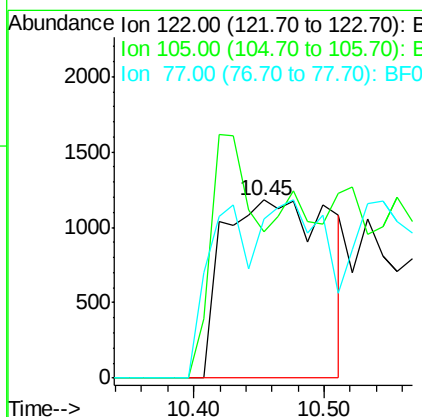
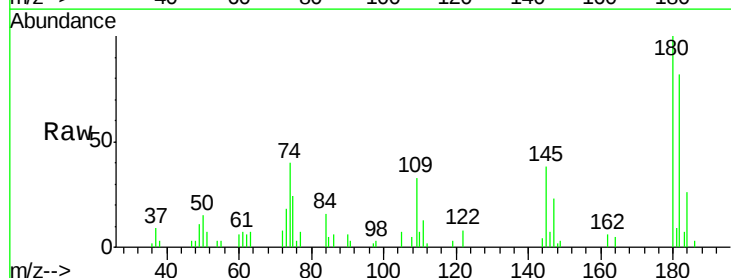
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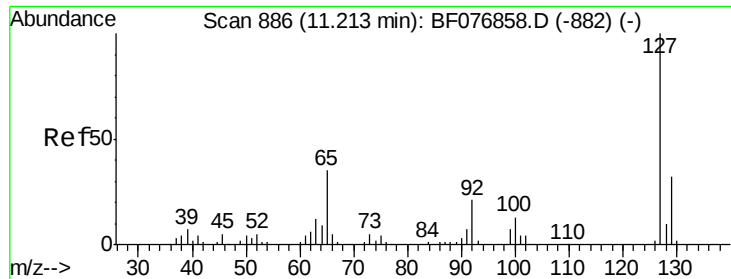
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#32
Benzoic acid
Concen: 6.98 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	6672		
105	82.3	111.3	151.3	#
77	89.6	79.2	119.2	





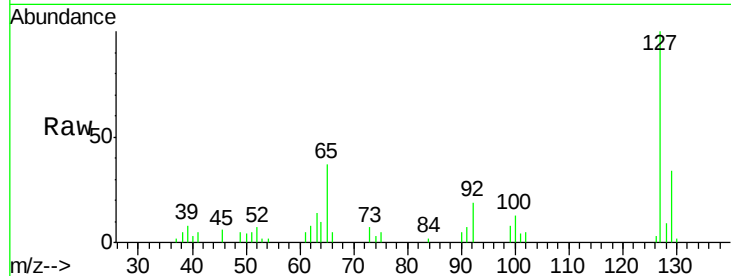
#33
4-Chloroaniline
Concen: 16.09 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

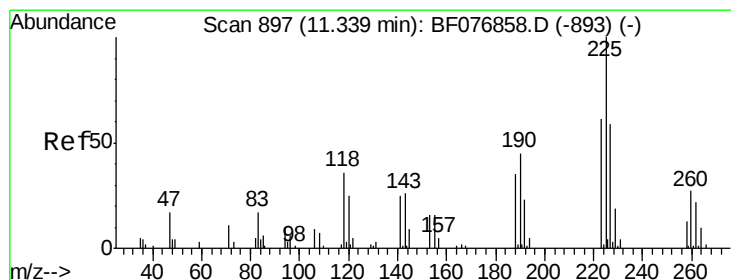
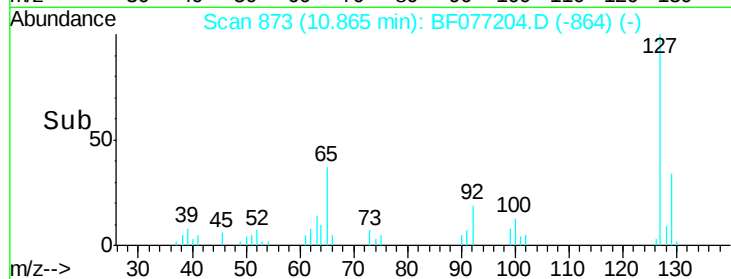
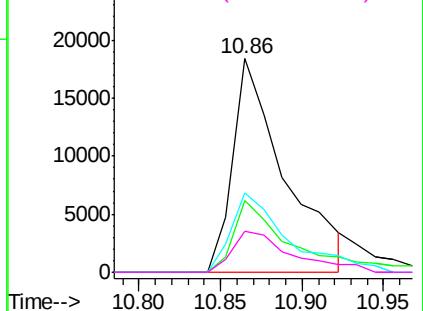
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	40634		
129	33.6	25.3	37.9	
65	37.2	27.8	41.6	
92	19.1	16.5	24.7	

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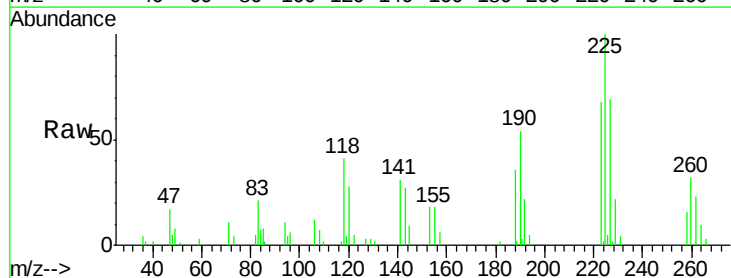


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

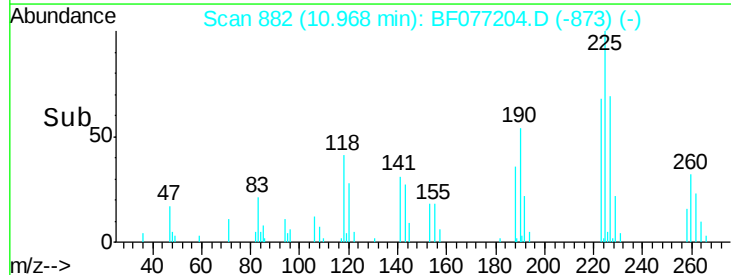
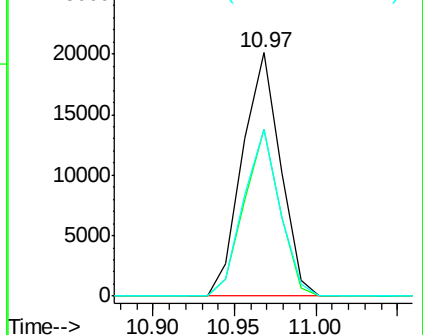


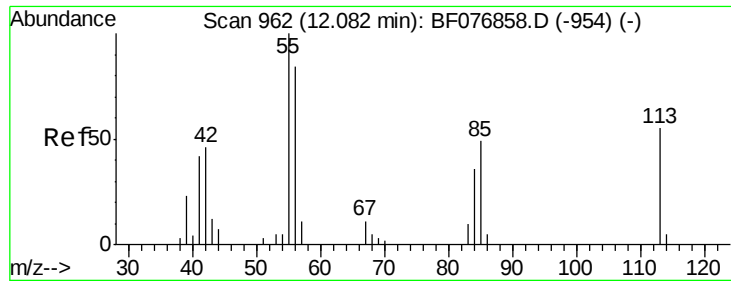
#34
Hexachlorobutadiene
Concen: 30.70 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32540		
223	68.3	49.1	73.7	
227	68.5	47.5	71.3	



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





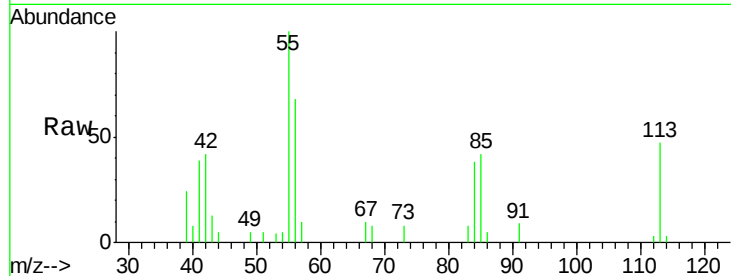
#35
 Caprolactam
 Concen: 31.96 ng m
 RT: 11.72 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

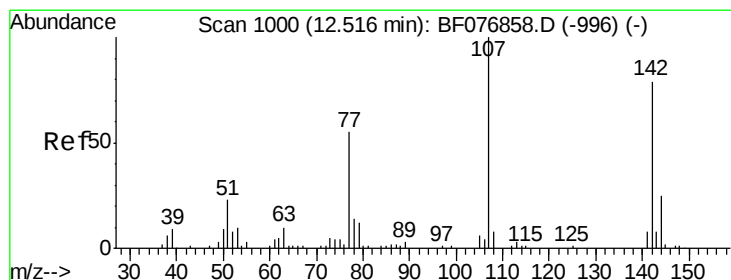
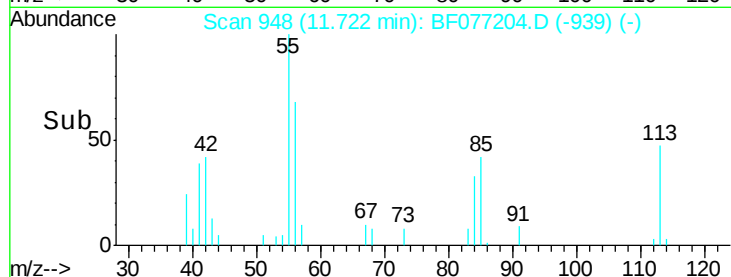
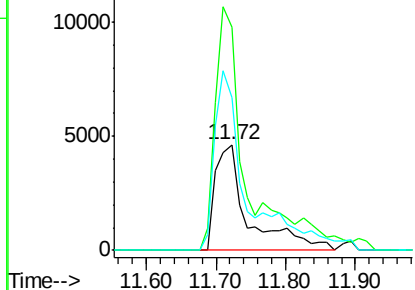
Tgt Ion:113 Resp: 15136
 Ion Ratio Lower Upper
 113 100
 55 211.8 162.1 202.1#
 56 144.8 133.7 173.7

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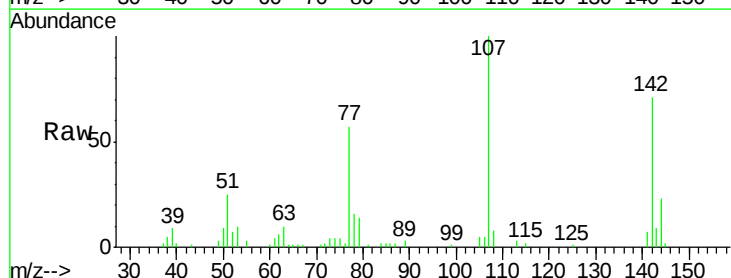


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

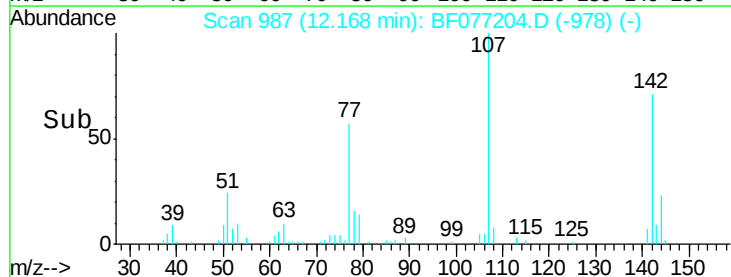
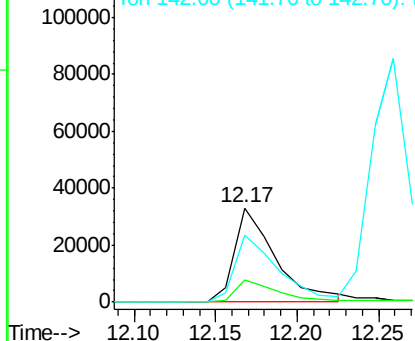


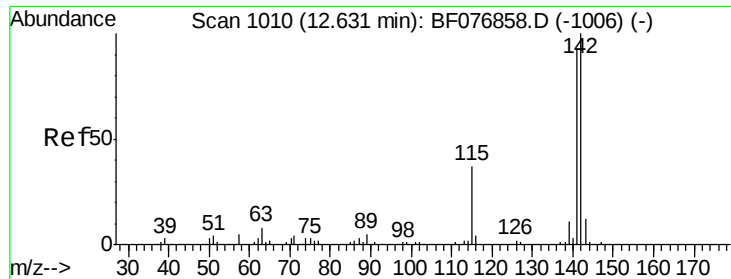
#36
 4-Chloro-3-methylphenol
 Concen: 31.45 ng
 RT: 12.17 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion:107 Resp: 57919
 Ion Ratio Lower Upper
 107 100
 144 23.4 20.0 30.0
 142 71.4 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





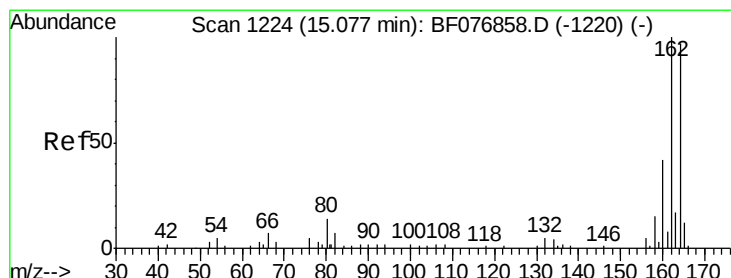
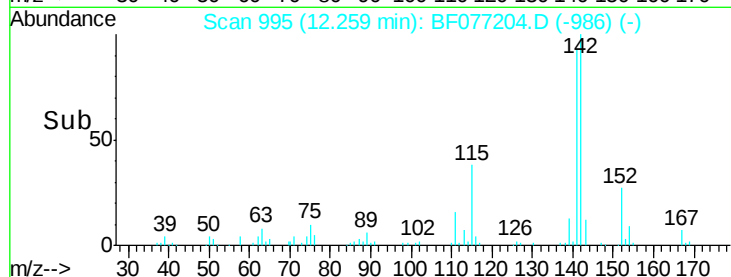
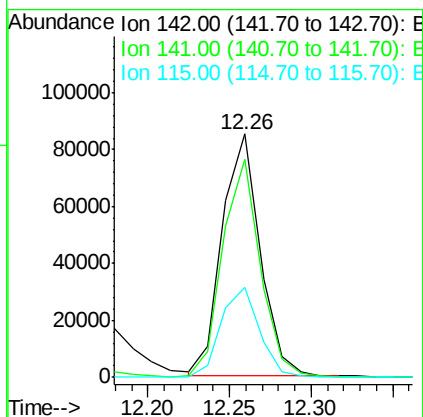
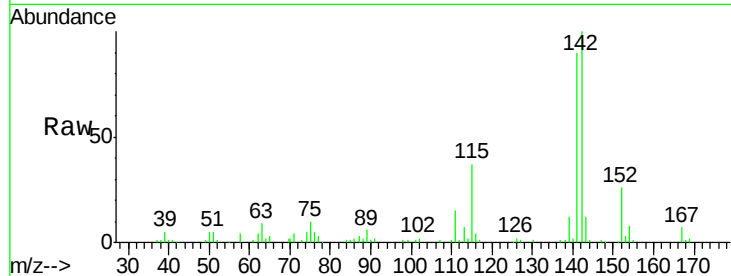
#37
 2-Methylnaphthalene
 Concen: 32.04 ng
 RT: 12.26 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	136712		
141	89.7	74.5	111.7	
115	36.8	29.7	44.5	

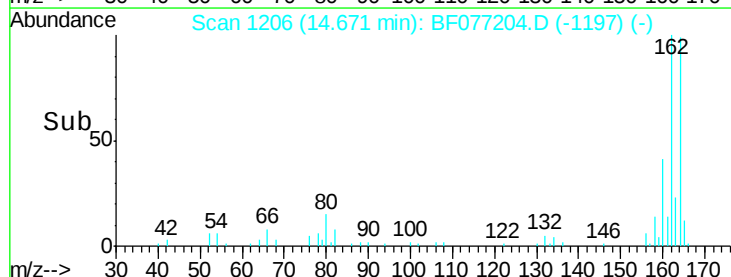
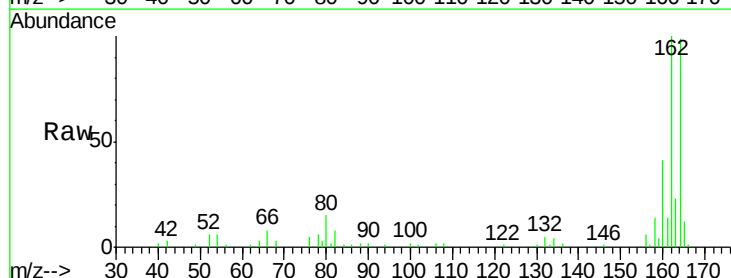
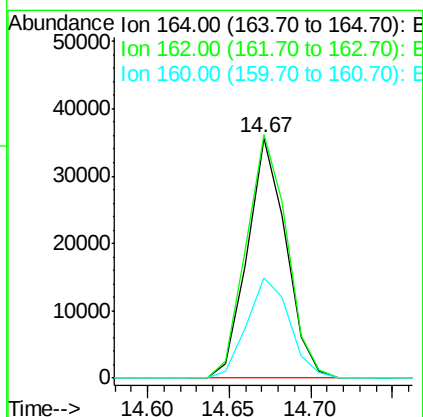
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

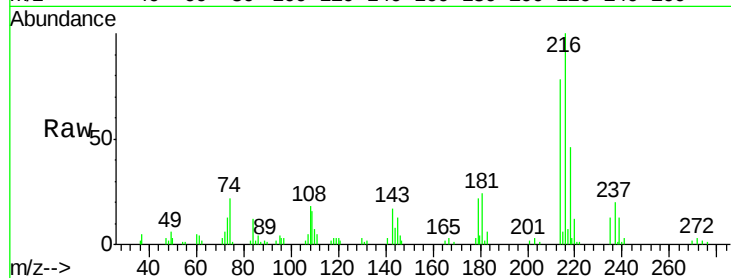
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58821		
162	101.4	82.4	123.6	
160	41.9	34.8	52.2	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.07 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

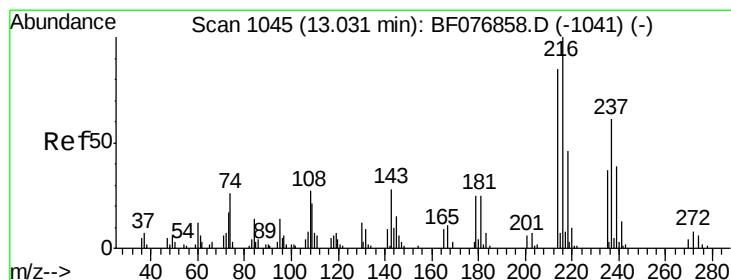
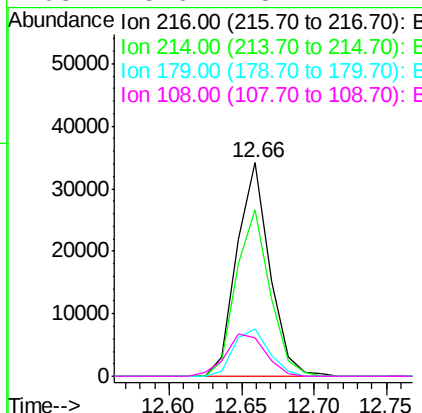
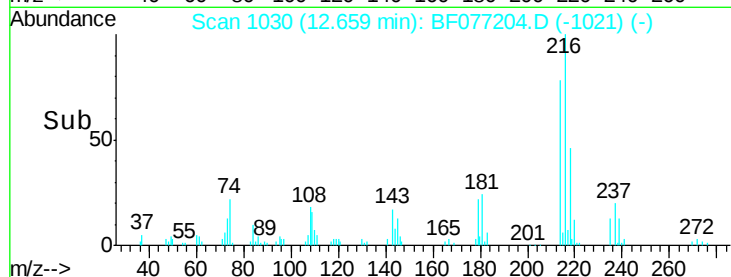
Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS



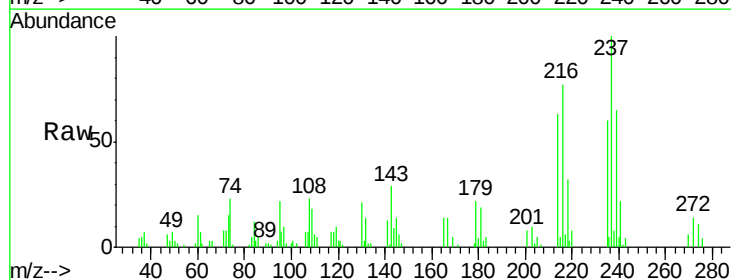
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.9	97.3
179	23.9	18.6	28.0
108	23.6	18.1	27.1

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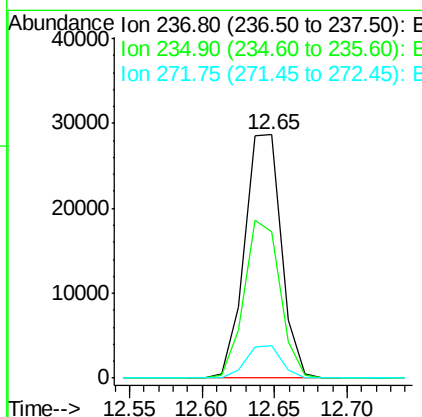
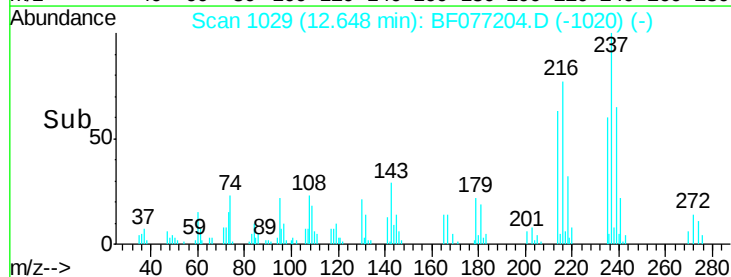
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#40
 Hexachlorocyclopentadiene
 Concen: 65.08 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18



Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.3	40.4	80.4
272	13.6	0.0	33.2





#41

2,4,6-Tribromophenol

Concen: 114.60 ng

RT: 16.42 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF077204.D

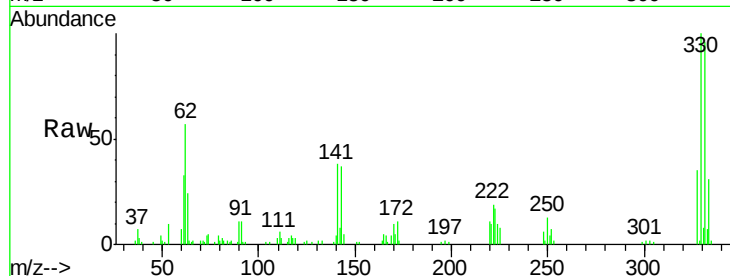
Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampled :

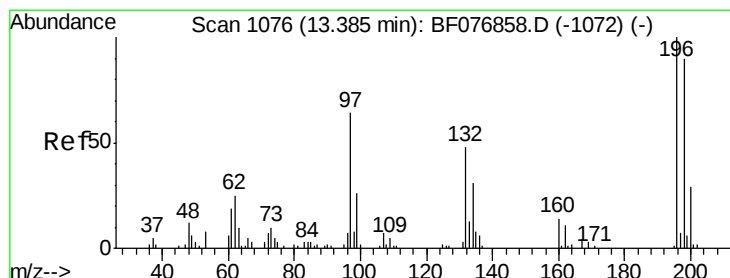
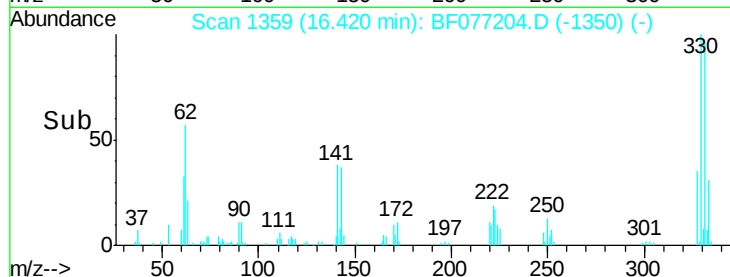
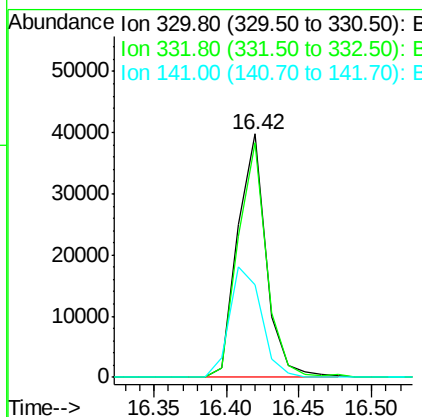
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Tgt Ion:	330	Resp:	54719
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.8	116.6
141	50.2	38.5	57.7

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#42

2,4,6-Trichlorophenol

Concen: 33.37 ng

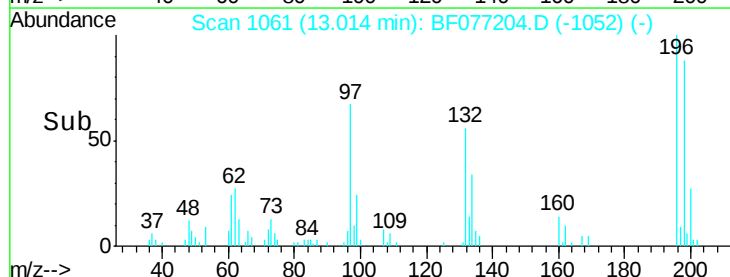
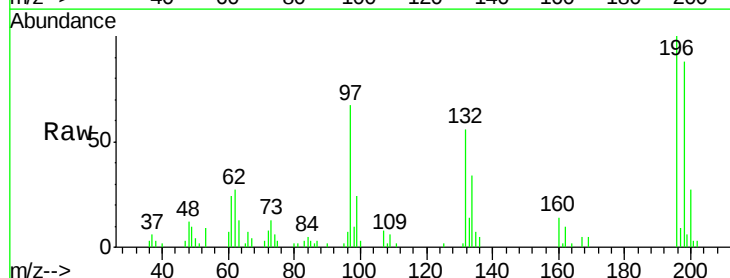
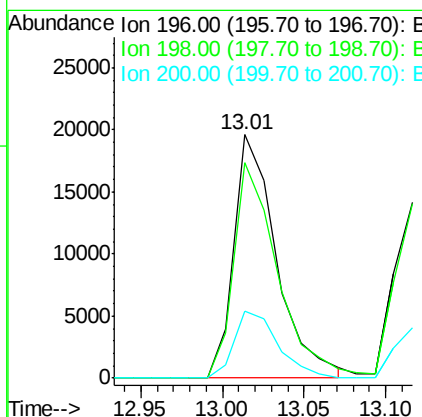
RT: 13.01 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	196	Resp:	35359
Ion Ratio	Lower	Upper	
196	100		
198	88.3	72.0	108.0
200	27.4	23.4	35.2





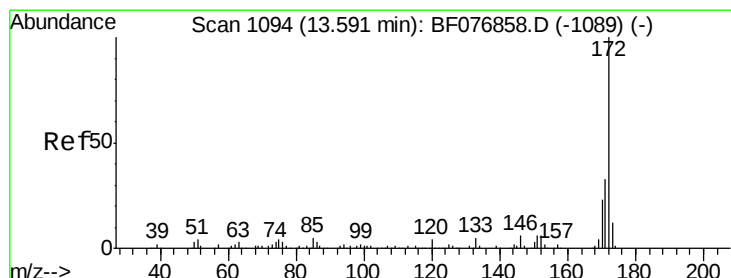
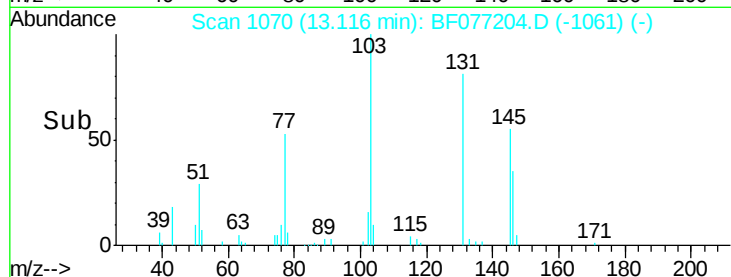
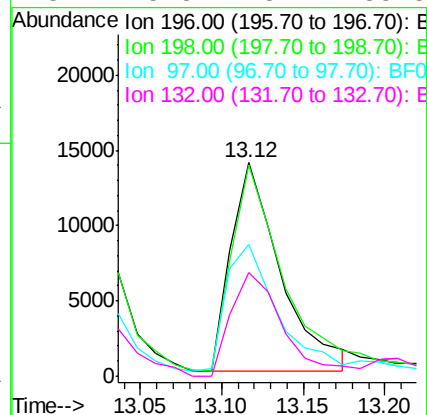
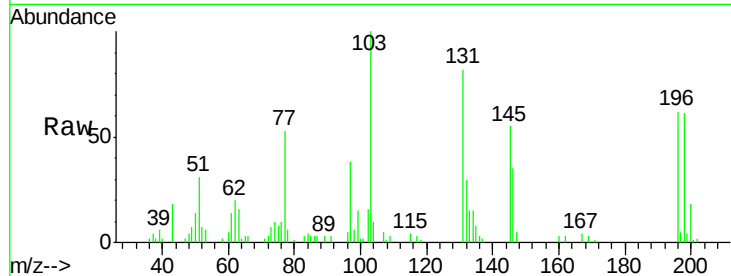
#43
 2,4,5-Trichlorophenol
 Concen: 27.08 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29270		
198	99.0	76.6	115.0	
97	62.0	43.4	65.0	
132	48.8	23.7	35.5#	

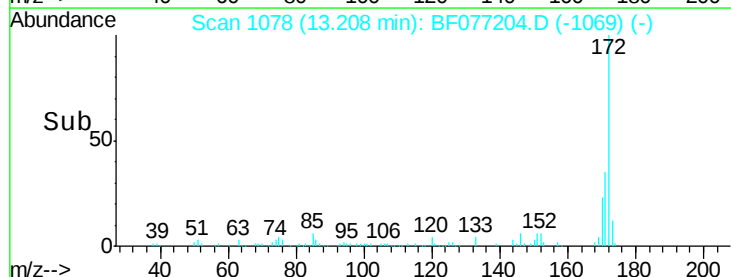
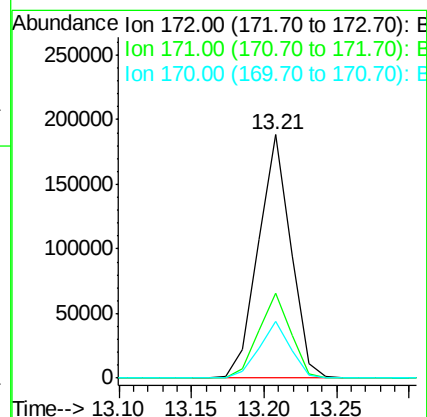
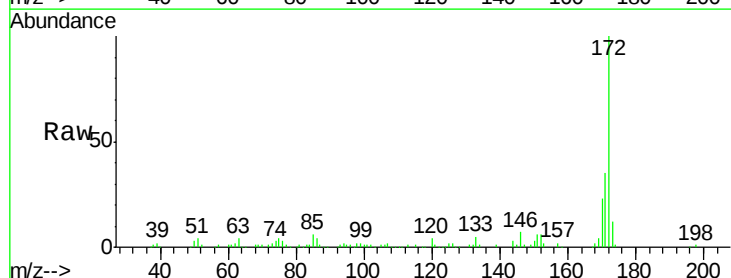
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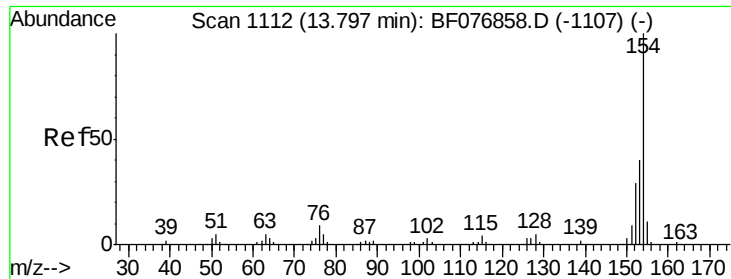
apatel
 2/9/2015 1:35:38 PM



#44
 2-Fluorobiphenyl
 Concen: 75.59 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	292154		
171	34.8	26.6	40.0	
170	23.2	18.0	27.0	





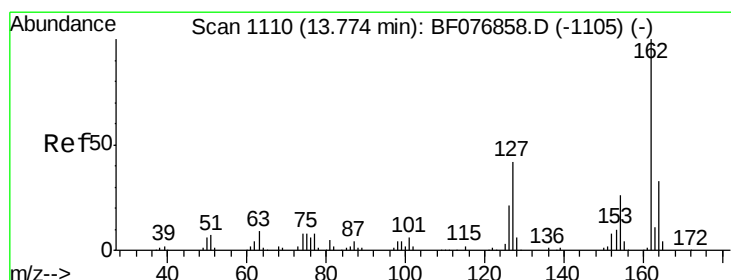
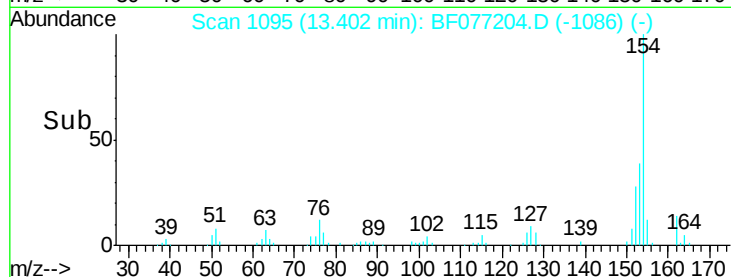
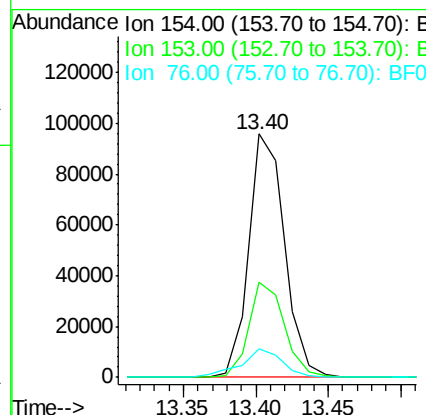
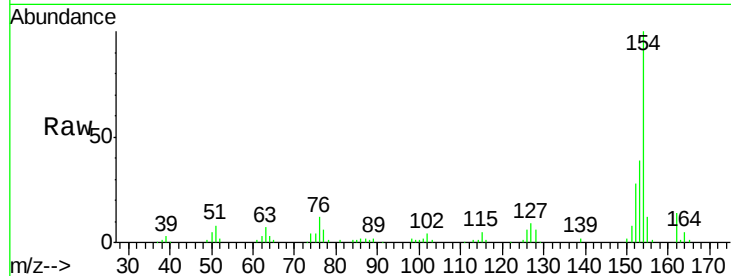
#45
1,1'-Biphenyl
Concen: 37.53 ng
RT: 13.40 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.2	60.2
76	11.6	0.0	29.0

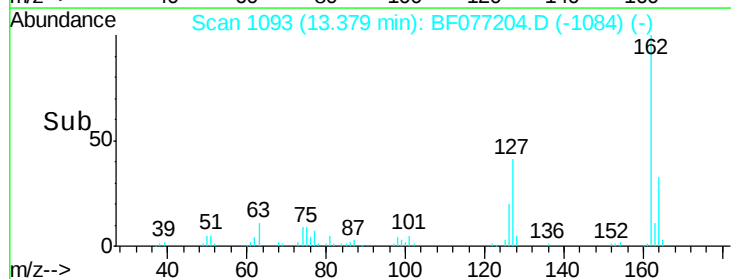
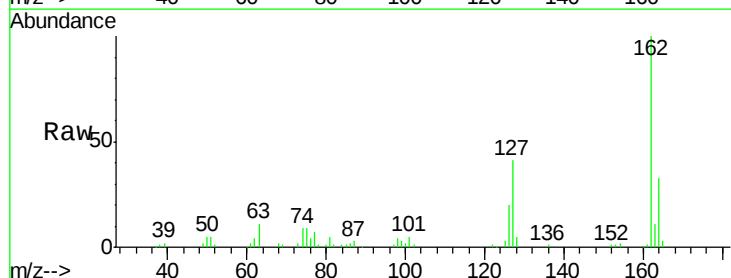
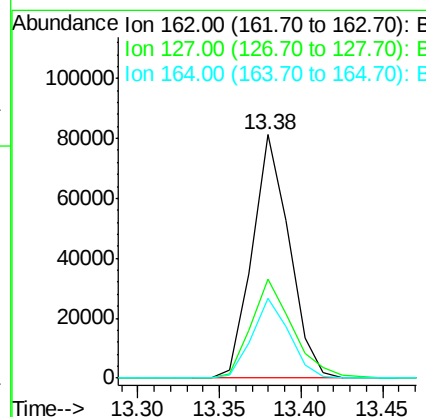
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#46
2-Chloronaphthalene
Concen: 35.73 ng
RT: 13.38 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.8	50.6
164	33.0	26.8	40.2





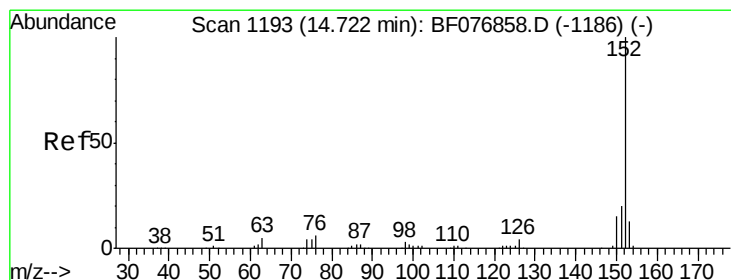
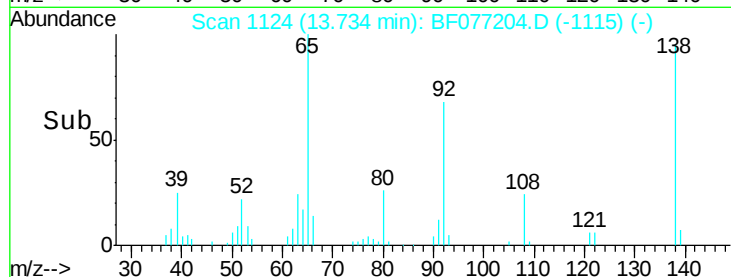
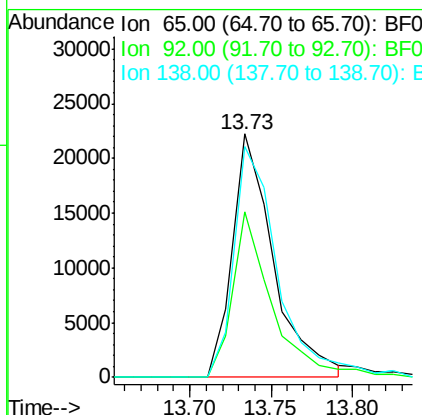
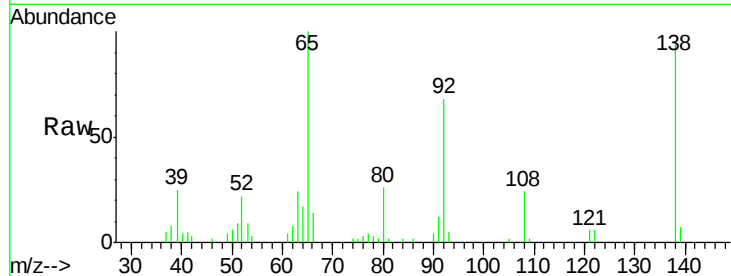
#47
2-Nitroaniline
Concen: 35.81 ng
RT: 13.73 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	47.3	70.9
138	94.6	71.4	107.2

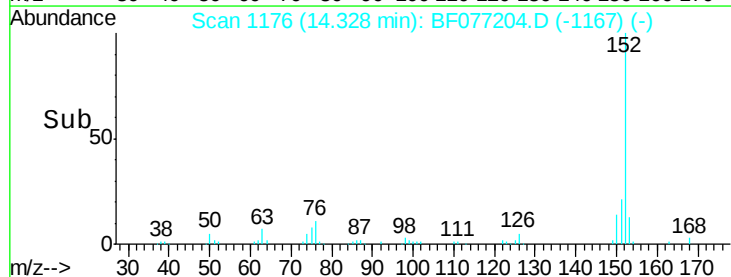
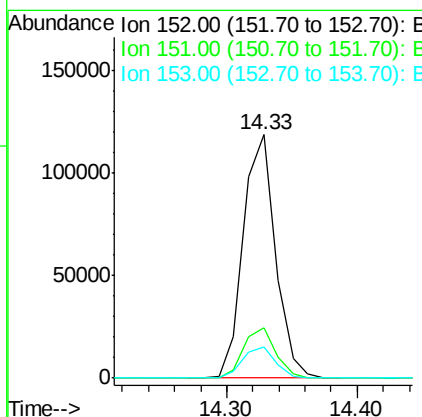
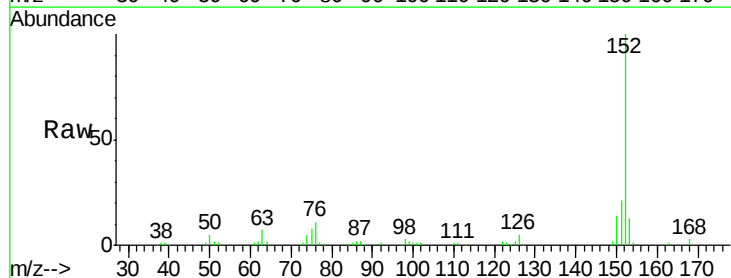
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#48
Acenaphthylene
Concen: 33.86 ng
RT: 14.33 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.9	23.9
153	12.7	10.2	15.4





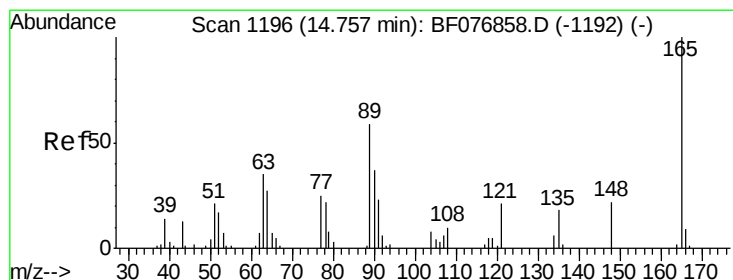
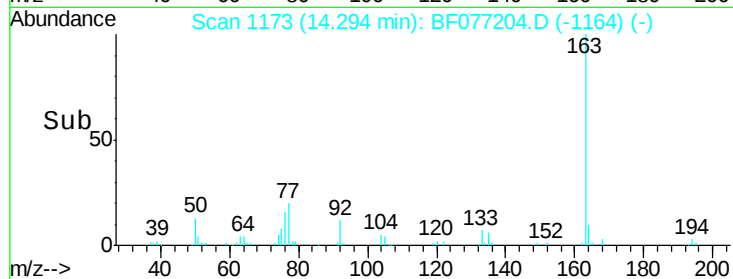
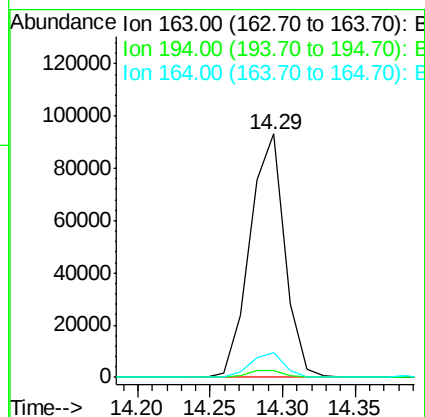
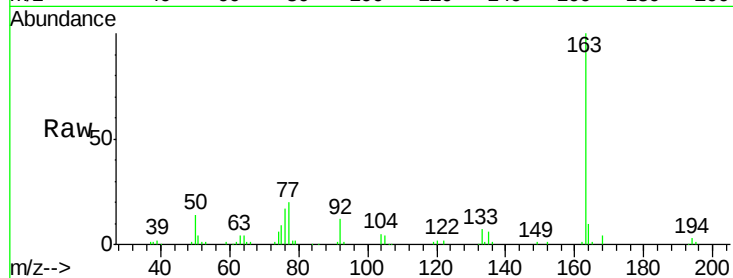
#49
Dimethylphthalate
Concen: 37.22 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.9	2.6	4.0
164	10.2	7.5	11.3

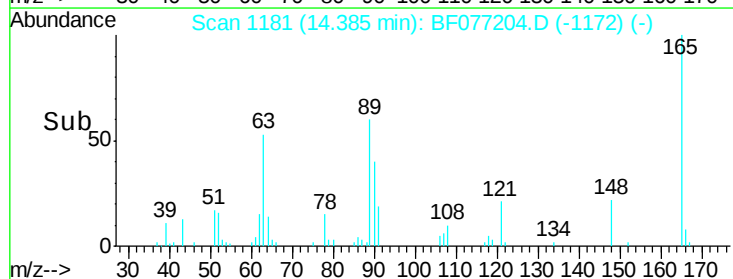
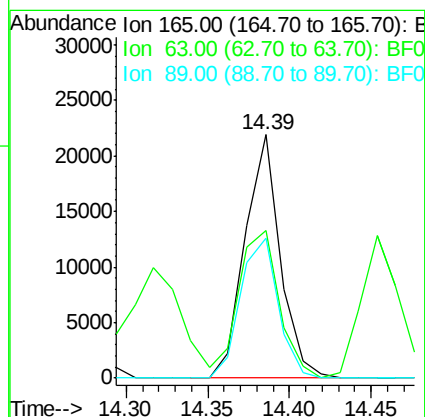
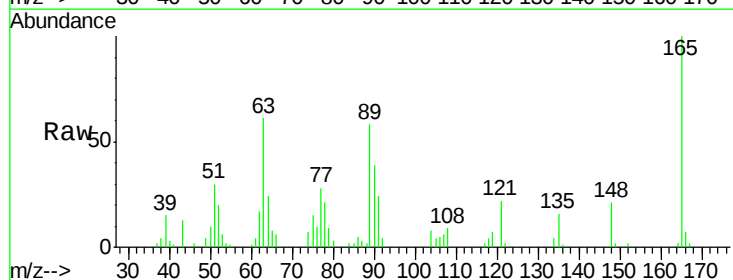
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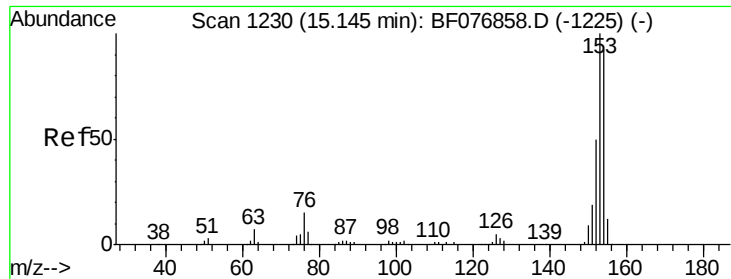
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#50
2,6-Dinitrotoluene
Concen: 39.28 ng
RT: 14.39 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.6	48.1	72.1
89	57.6	47.2	70.8





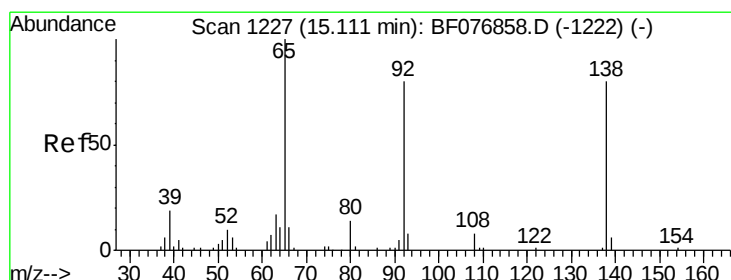
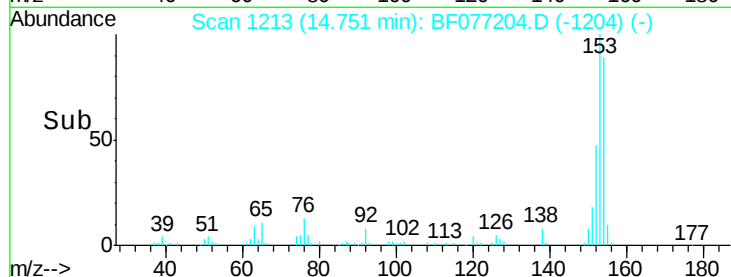
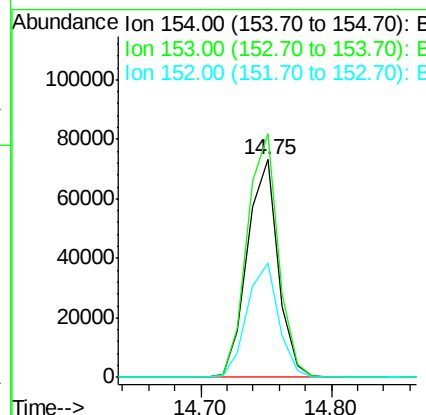
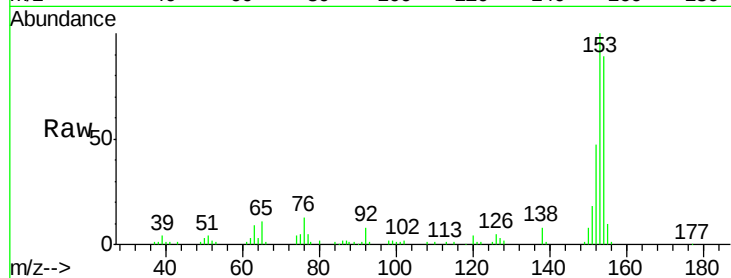
#51
Acenaphthene
Concen: 35.10 ng
RT: 14.75 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	120544		
153	111.9	87.0	130.6	
152	52.3	43.5	65.3	

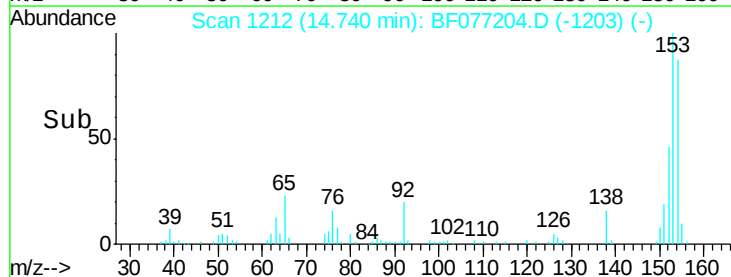
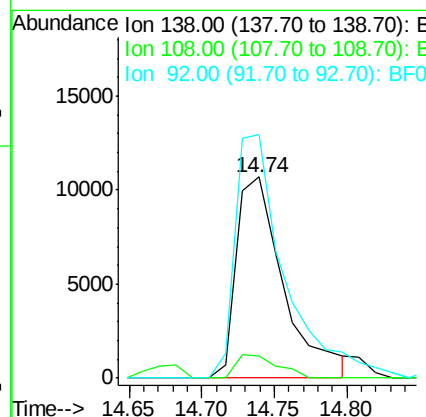
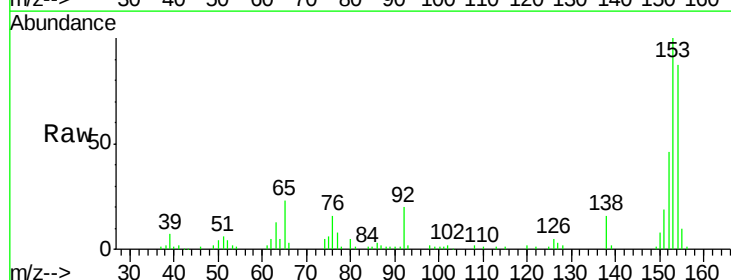
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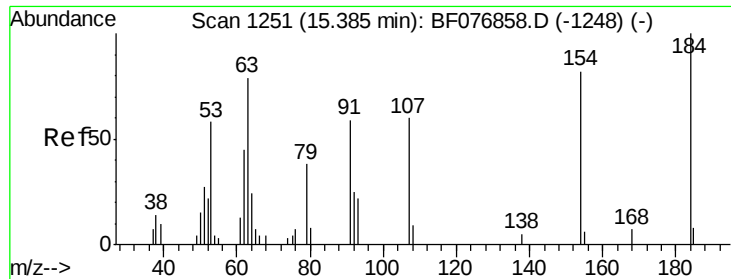
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#52
3-Nitroaniline
Concen: 23.18 ng
RT: 14.74 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	24163		
108	10.8	8.3	12.5	
92	121.0	80.9	121.3	





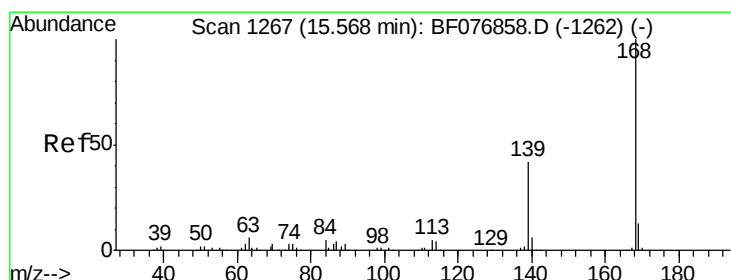
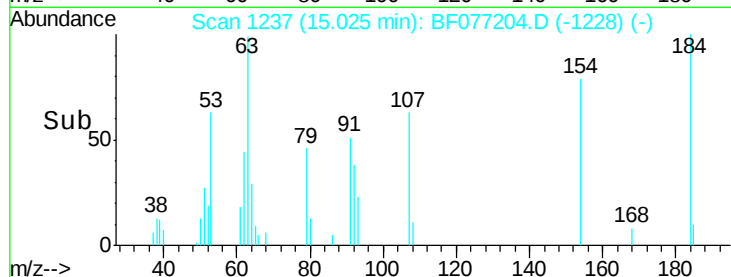
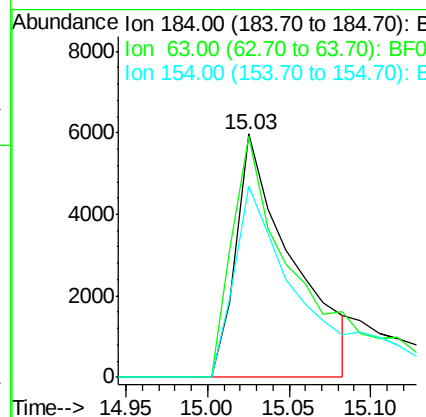
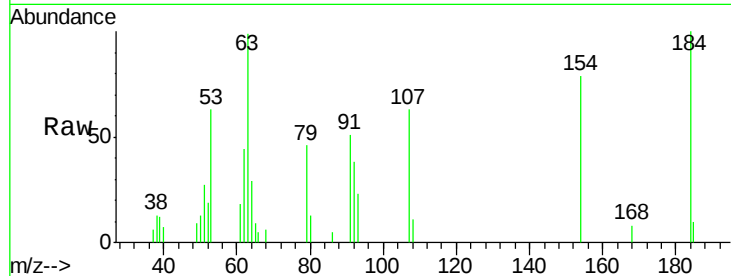
#53
 2,4-Dinitrophenol
 Concen: 42.96 ng
 RT: 15.03 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampled :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	14306		
63	99.1	63.0	94.6	#
154	78.6	65.5	98.3	

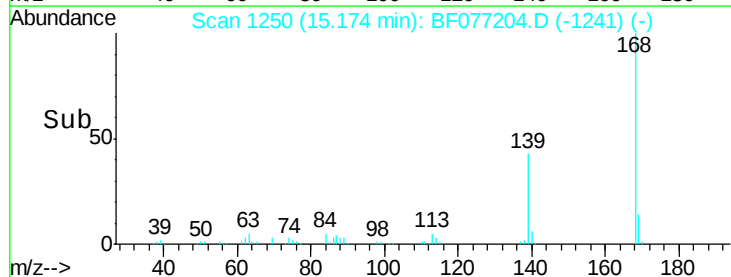
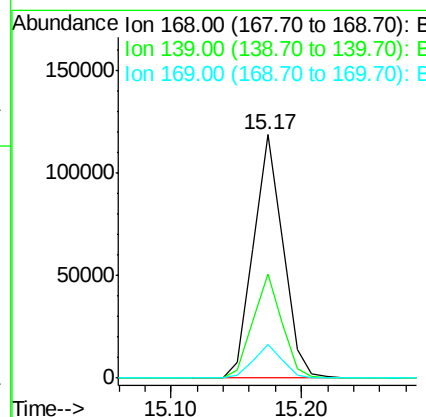
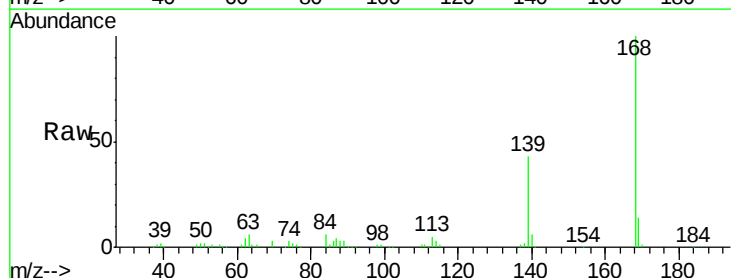
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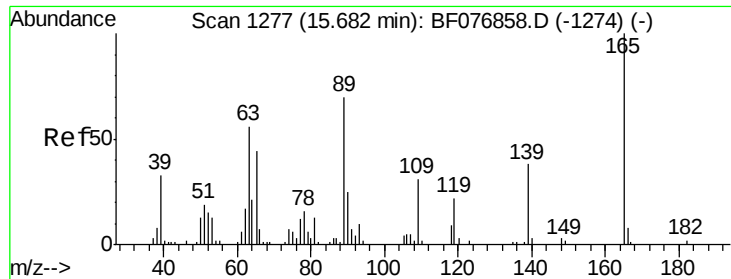
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#54
 Dibenzofuran
 Concen: 37.72 ng
 RT: 15.17 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	188701		
139	43.0	33.4	50.2	
169	13.9	10.6	15.8	





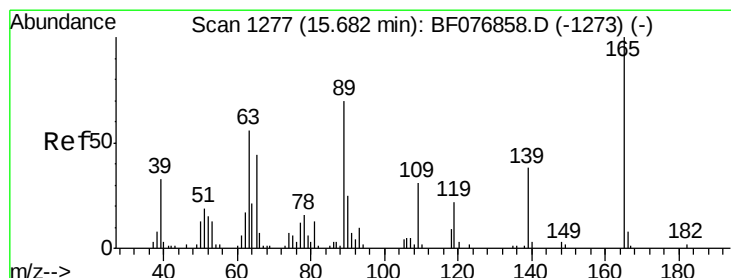
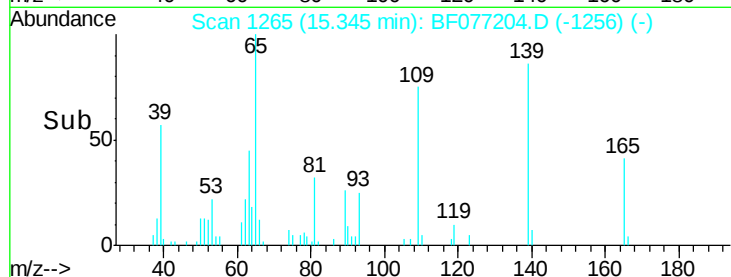
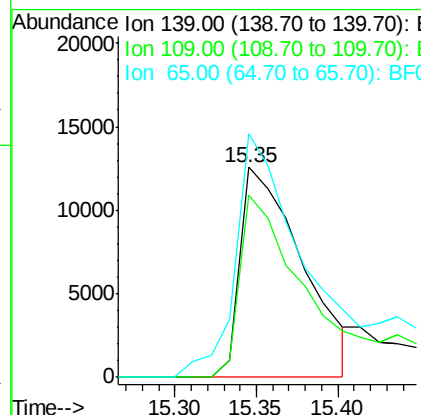
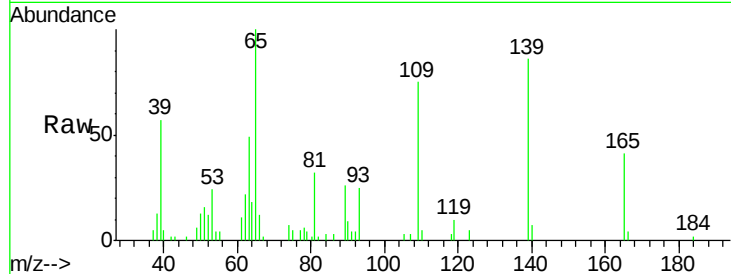
#55
4-Nitrophenol
Concen: 50.67 ng
RT: 15.35 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	33130		
109	86.9	61.0	101.0	
65	115.9	96.6	136.6	

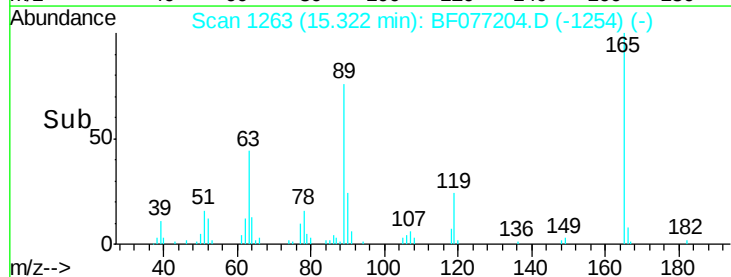
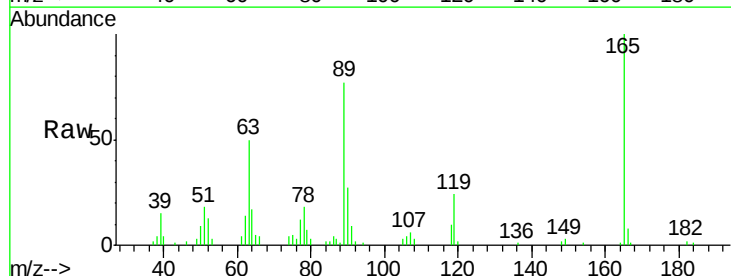
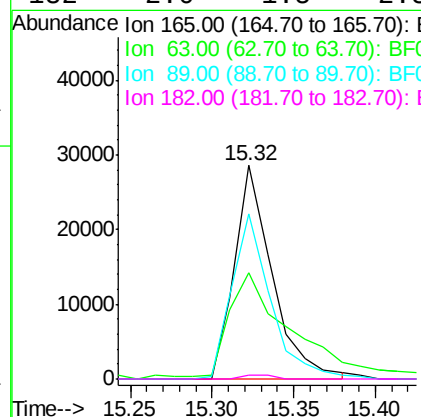
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#56
2,4-Dinitrotoluene
Concen: 37.10 ng
RT: 15.32 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	45727		
63	49.5	44.8	67.2	
89	77.3	56.2	84.2	
182	2.0	1.5	2.3	





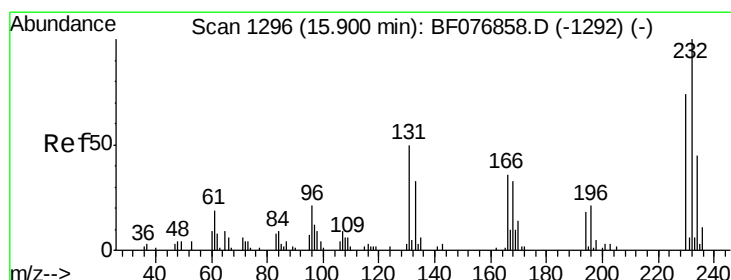
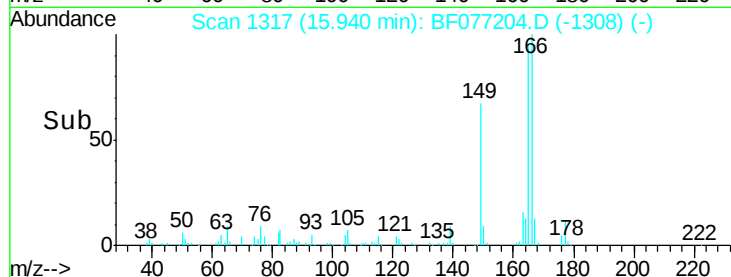
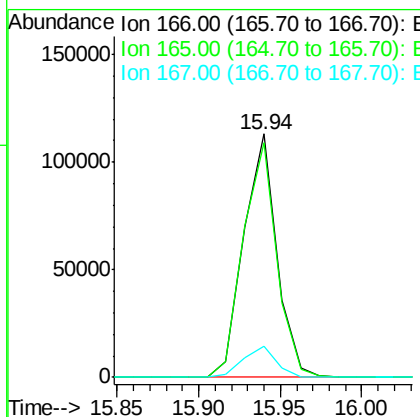
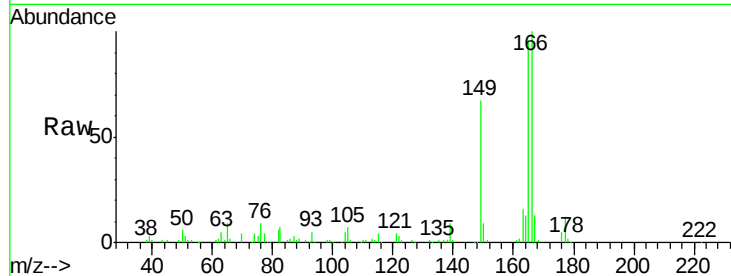
#57
 Fluorene
 Concen: 37.45 ng
 RT: 15.94 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	158721		
165	96.5	78.5	117.7	
167	13.0	10.4	15.6	

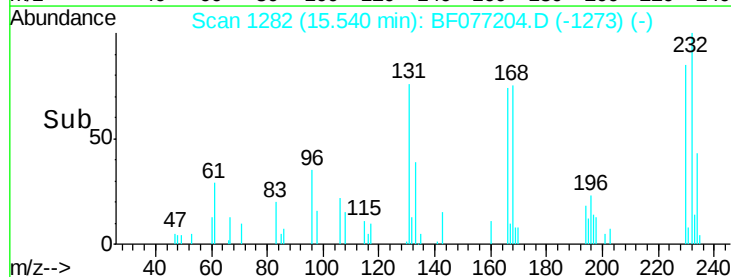
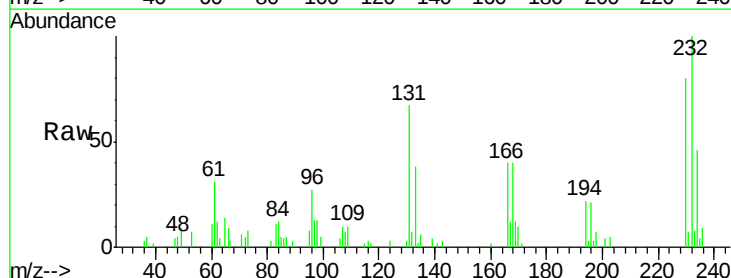
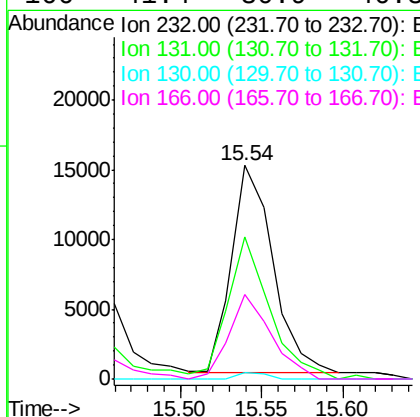
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.24 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	26156		
131	69.2	45.0	67.6#	
130	2.0	2.6	3.8#	
166	41.4	30.9	46.3	





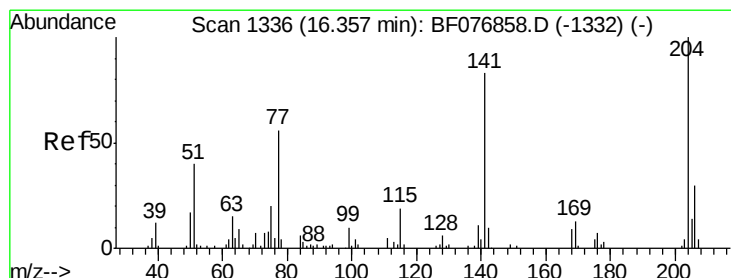
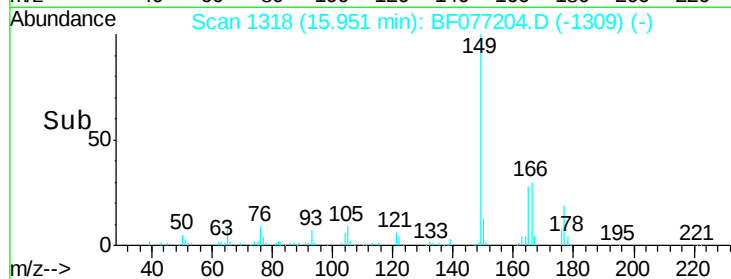
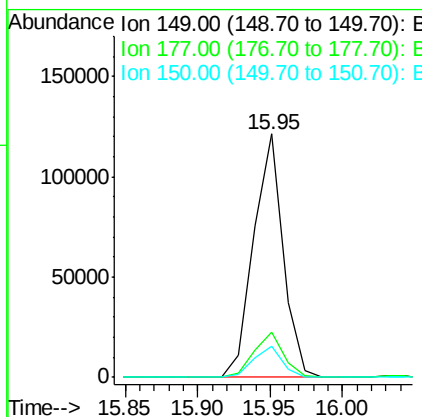
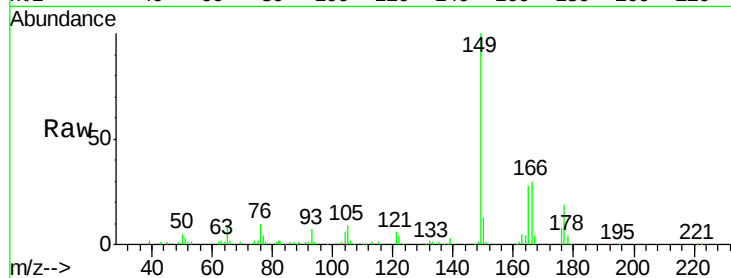
#59
Diethylphthalate
Concen: 40.62 ng
RT: 15.95 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	171261		
177	18.5	15.0	22.6	
150	12.6	9.4	14.0	

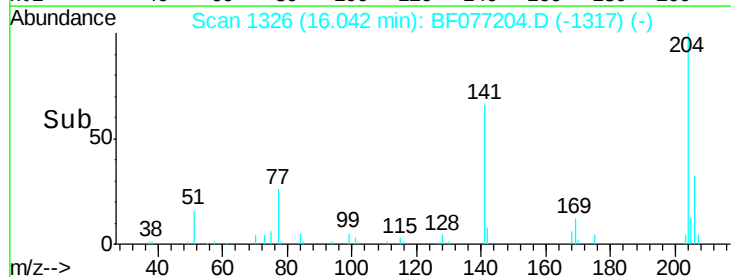
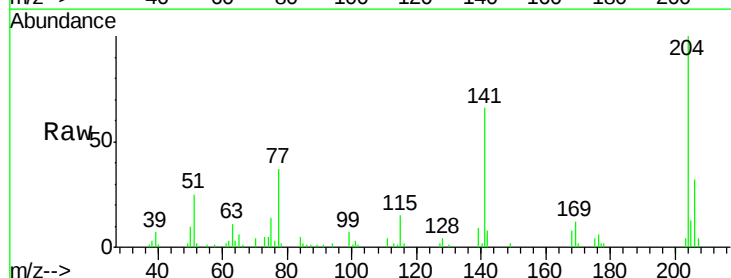
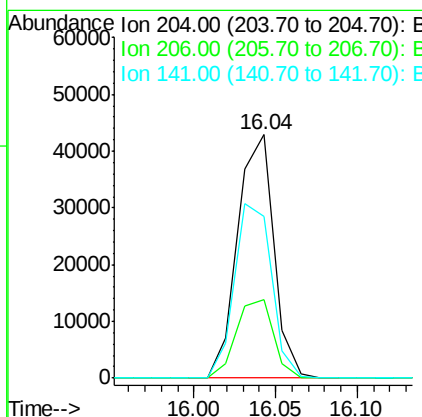
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#60
4-Chlorophenyl-phenylether
Concen: 37.95 ng
RT: 16.04 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

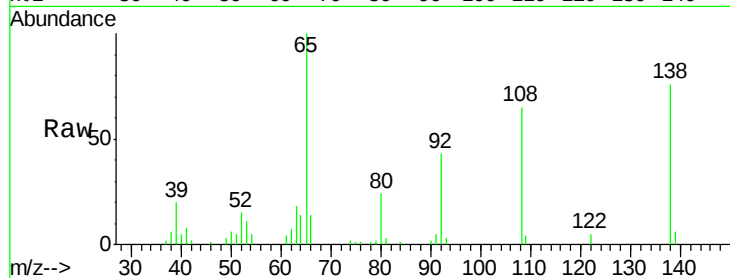
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	65815		
206	32.1	24.2	36.2	
141	66.4	66.7	100.1#	





#61
4-Nitroaniline
Concen: 29.67 ng
RT: 16.10 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

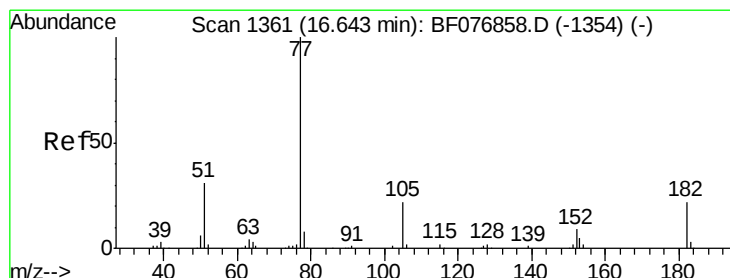
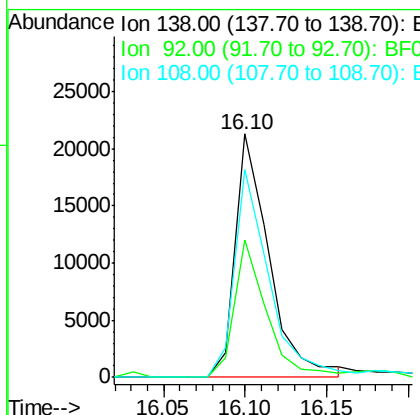
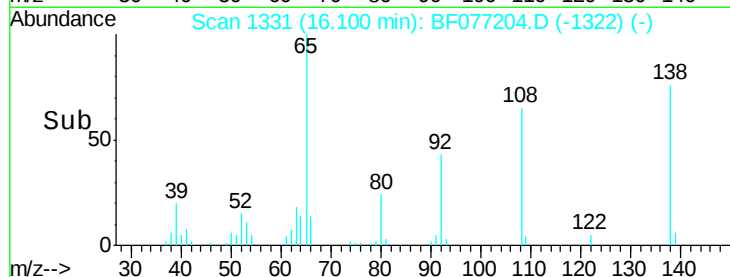
Instrument :
BNA_F
ClientSampleId :
PB81636BS



Tgt Ion: 138 Resp: 30579
Ion Ratio Lower Upper
138 100
92 56.2 26.7 66.7
108 85.4 64.5 104.5

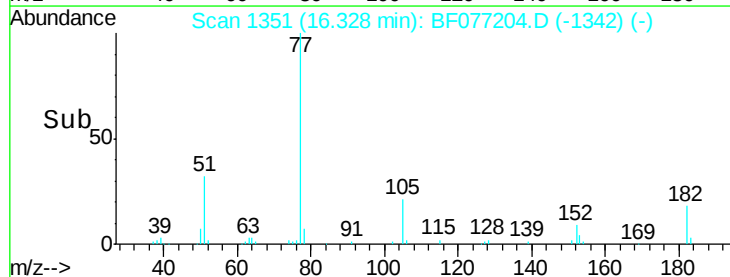
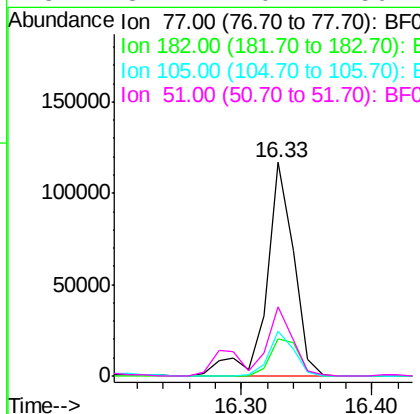
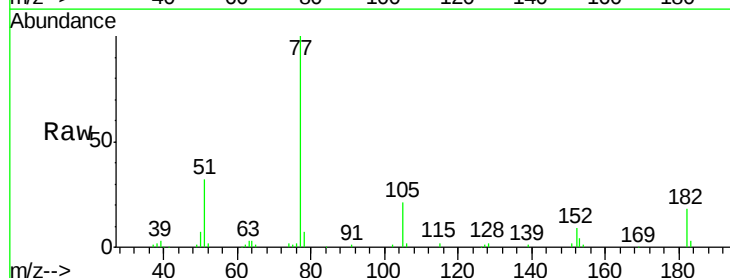
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#62
Azobenzene
Concen: 39.35 ng
RT: 16.33 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion: 77 Resp: 172864
Ion Ratio Lower Upper
77 100
182 17.6 2.0 42.0
105 21.1 2.3 42.3
51 32.2 10.7 50.7





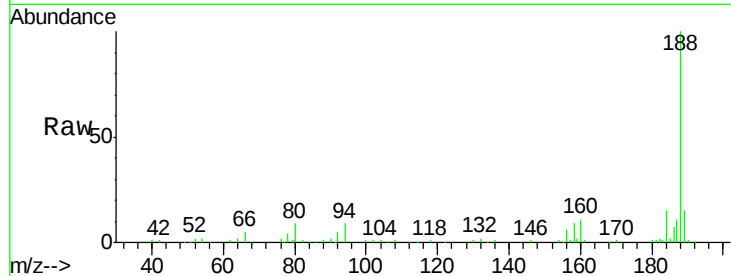
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	6.0	9.0
80	8.9	6.9	10.3

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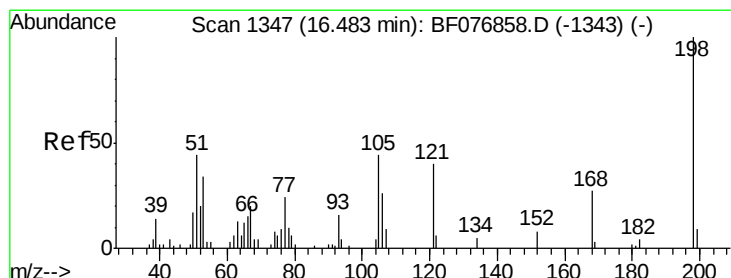
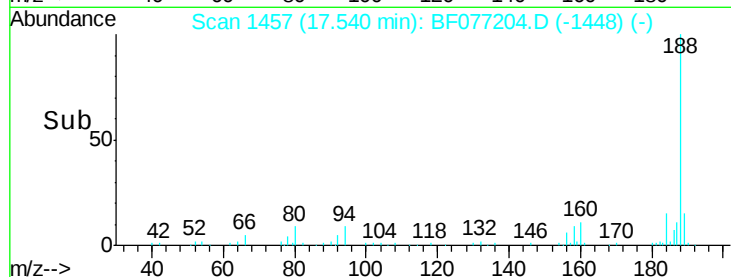
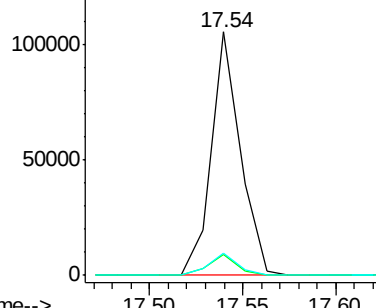
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



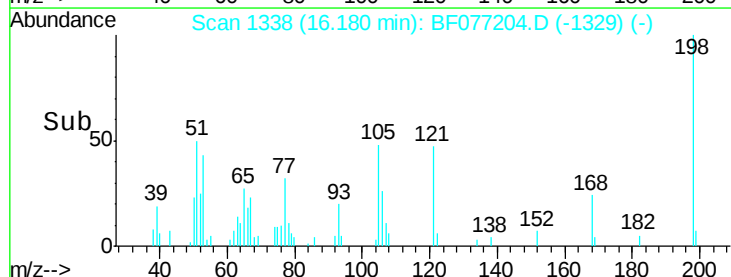
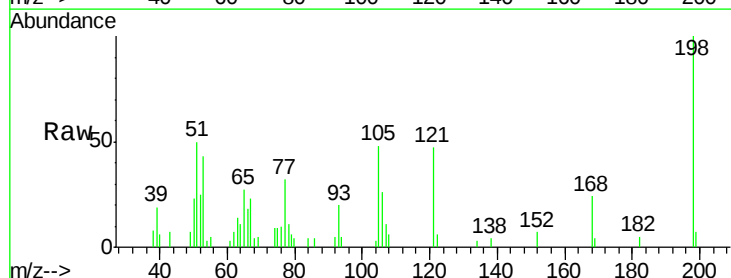
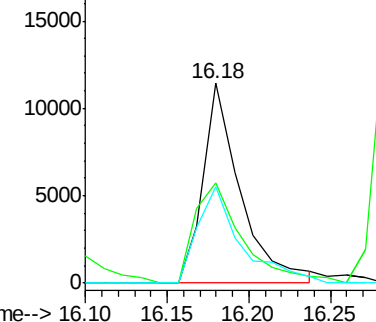
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.32 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

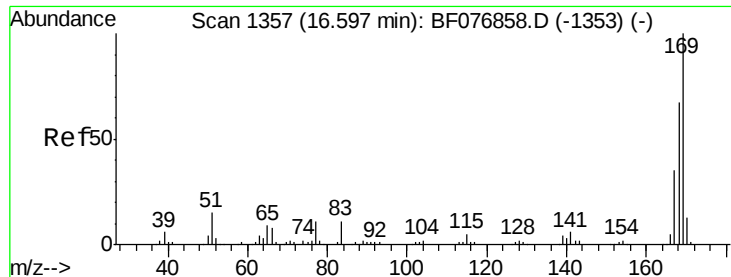
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	49.9	24.2	64.2
105	48.0	24.0	64.0

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





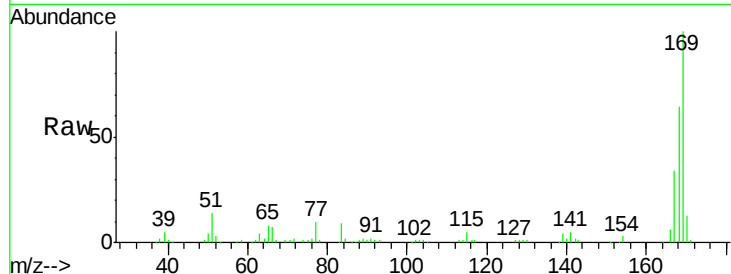
#65
 n-Nitrosodiphenylamine
 Concen: 32.49 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

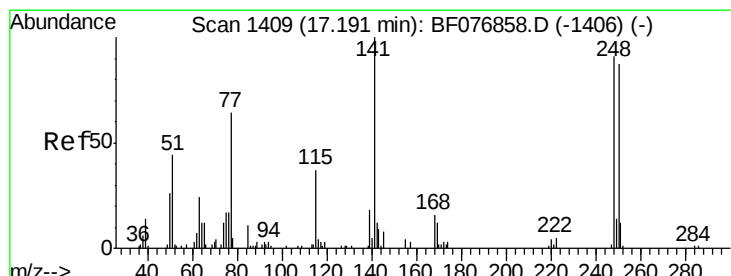
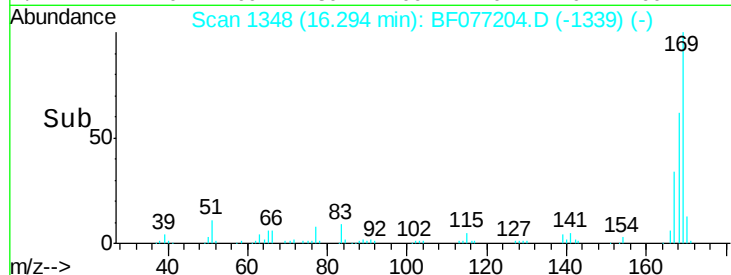
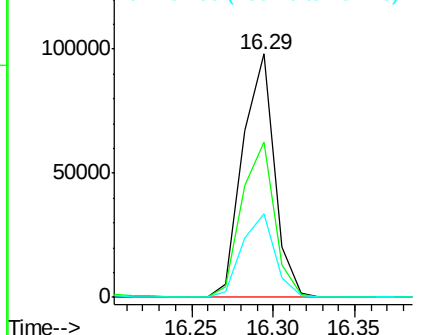
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	132173		
168	64.0	53.8	80.6	
167	34.5	27.8	41.6	

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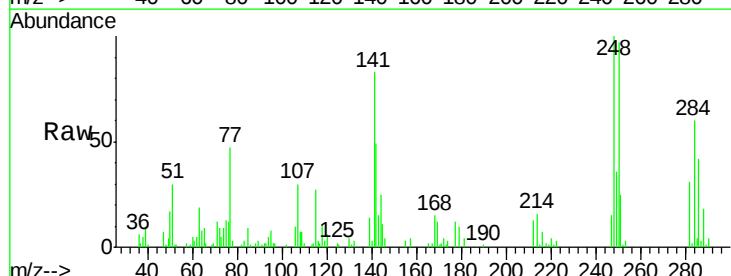


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

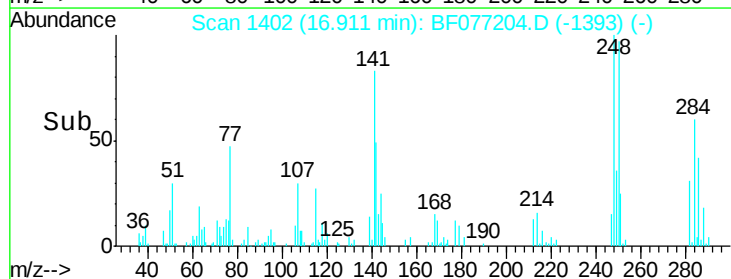
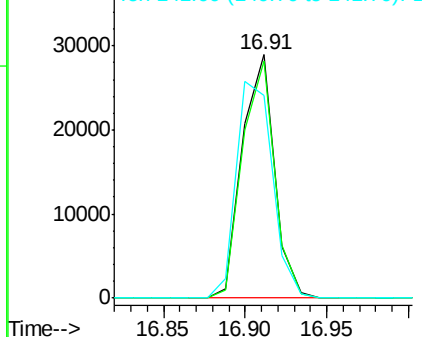


#66
 4-Bromophenyl-phenylether
 Concen: 34.15 ng
 RT: 16.91 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	39473		
250	97.3	77.1	115.7	
141	83.0	88.2	132.4	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





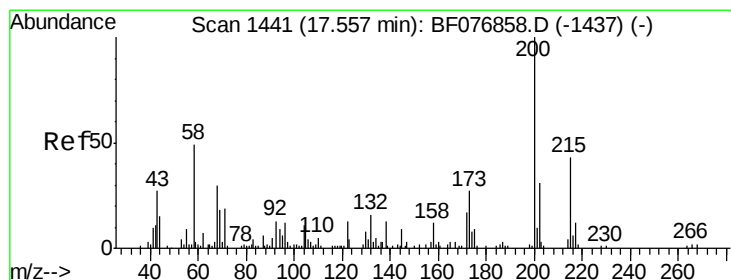
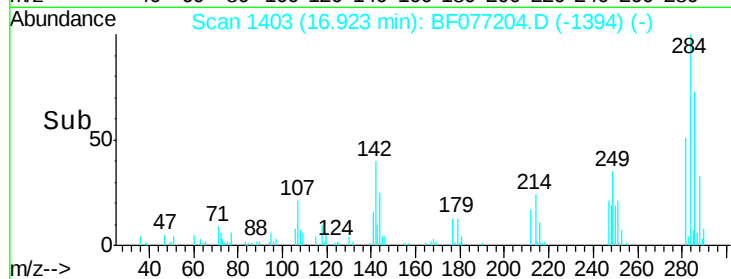
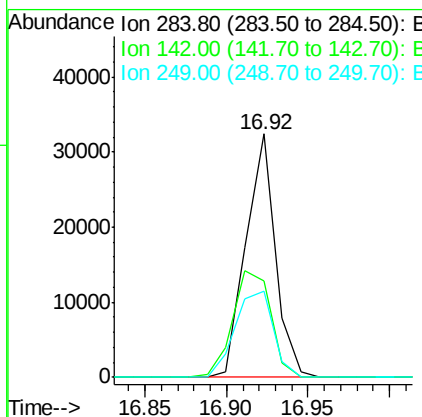
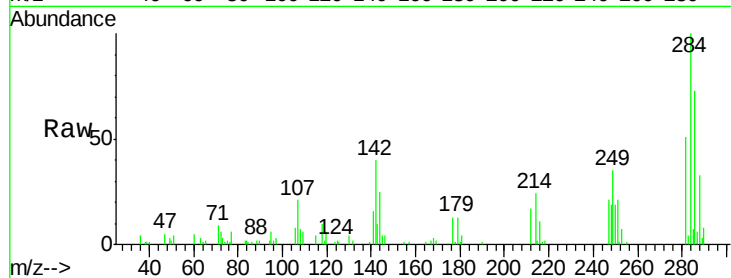
#67
Hexachlorobenzene
Concen: 33.28 ng
RT: 16.92 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion:	284	Resp:	40545
Ion Ratio	Lower	Upper	
284	100		
142	39.9	38.2	57.4
249	35.1	28.2	42.2

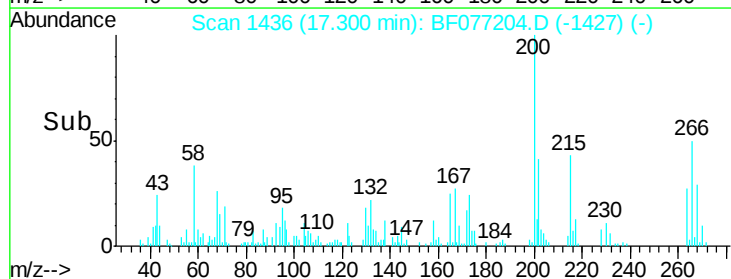
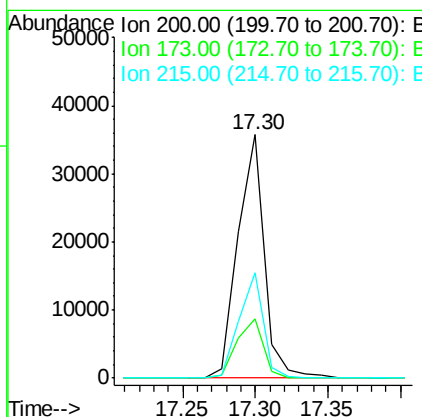
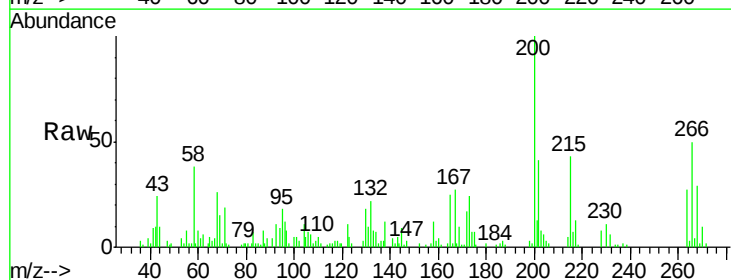
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#68
Atrazine
Concen: 36.53 ng
RT: 17.30 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion:	200	Resp:	45102
Ion Ratio	Lower	Upper	
200	100		
173	24.1	6.6	46.6
215	43.1	22.9	62.9





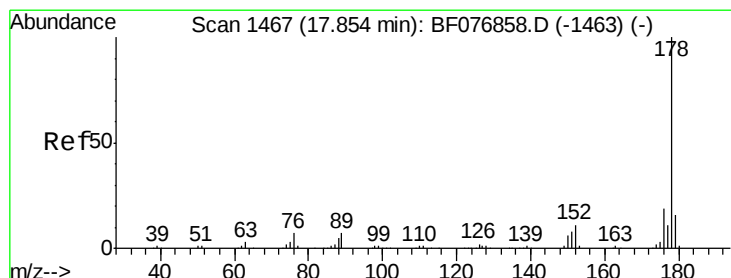
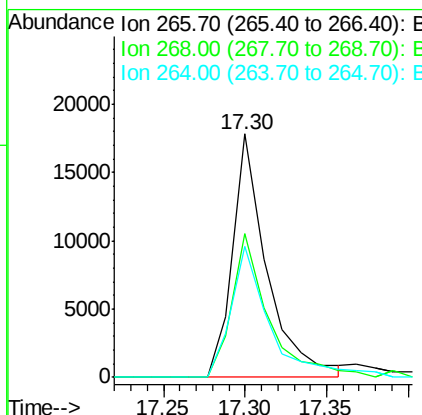
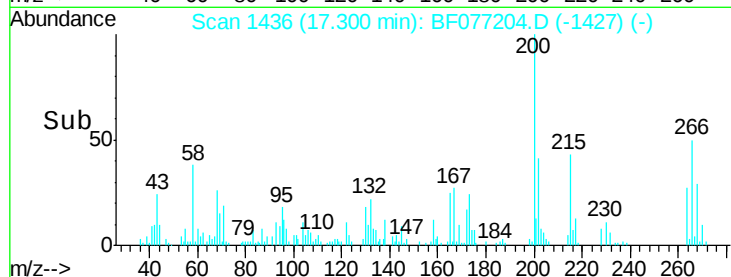
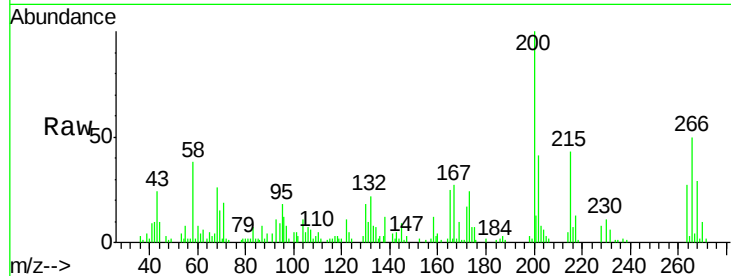
#69
 Pentachlorophenol
 Concen: 49.59 ng
 RT: 17.30 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	58.8	48.6	72.8
264	53.9	49.5	74.3

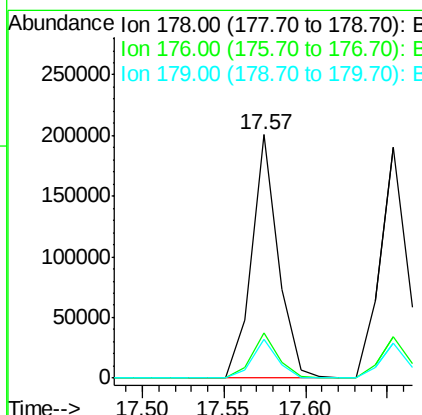
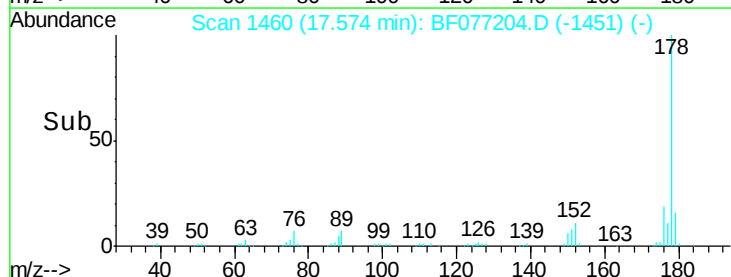
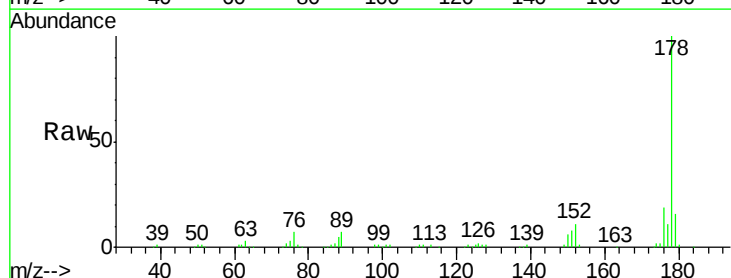
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#70
 Phenanthrene
 Concen: 31.82 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.8	12.7	19.1





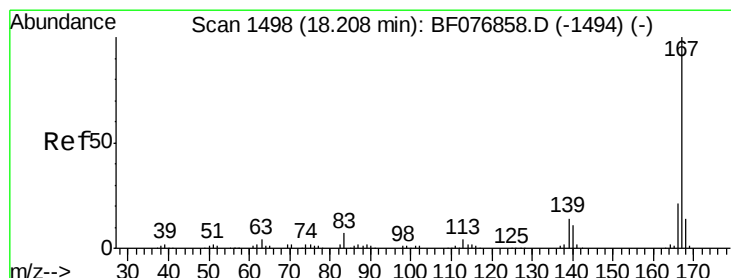
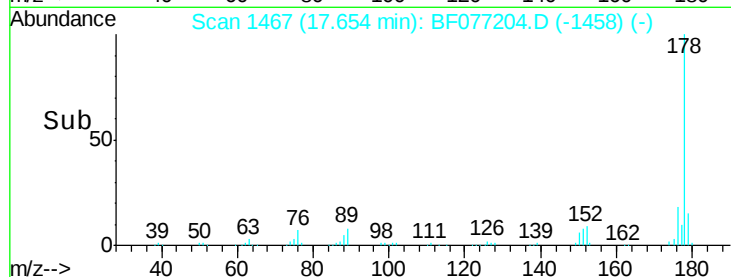
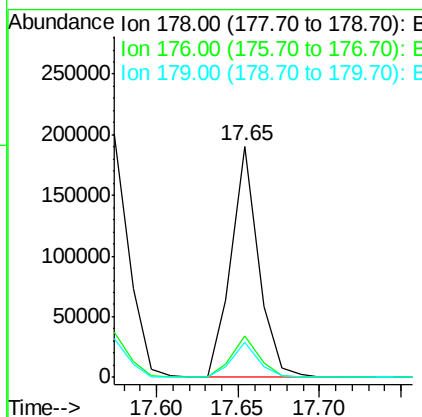
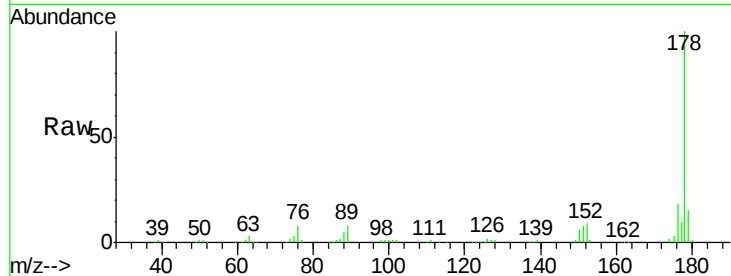
#71
 Anthracene
 Concen: 31.78 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	220510		
176	18.1	15.4	23.0	
179	15.2	11.9	17.9	

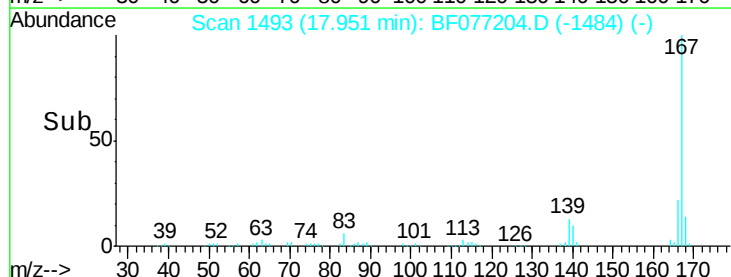
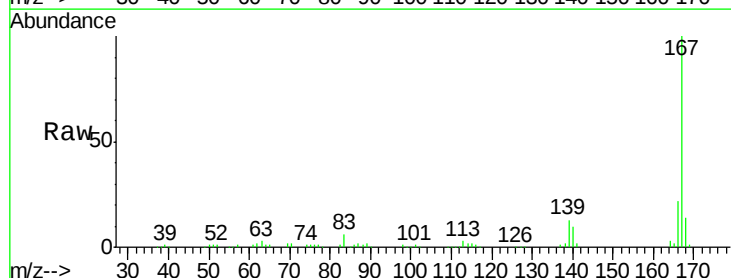
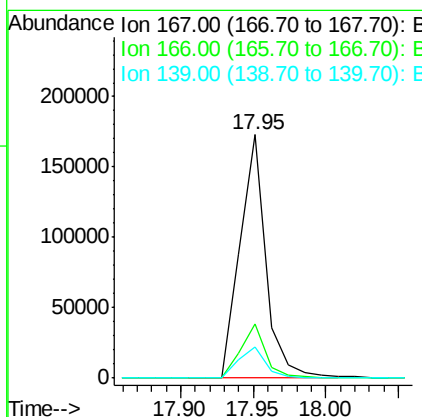
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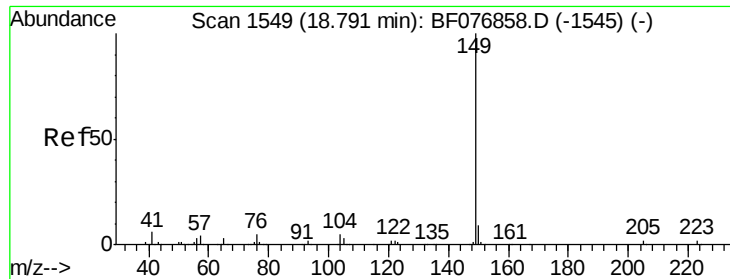
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#72
 Carbazole
 Concen: 31.95 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	215038		
166	22.1	17.0	25.6	
139	13.0	11.3	16.9	





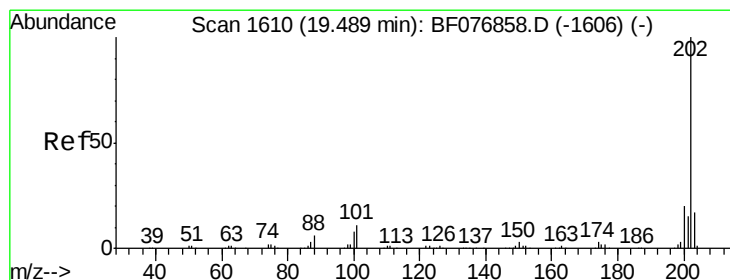
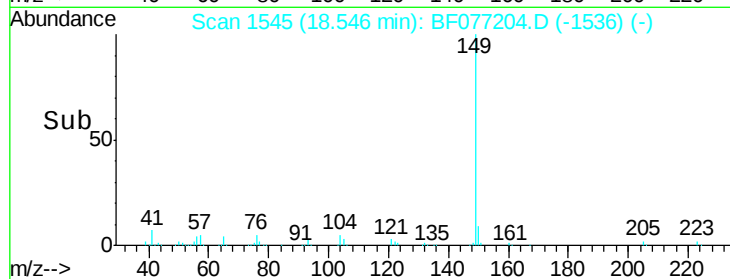
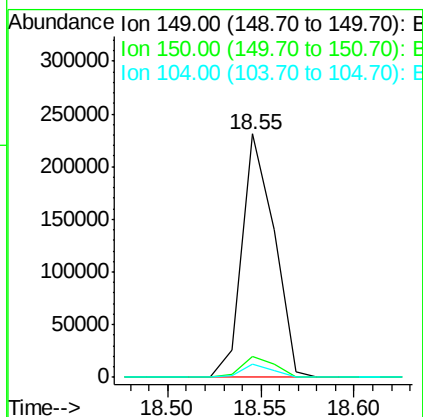
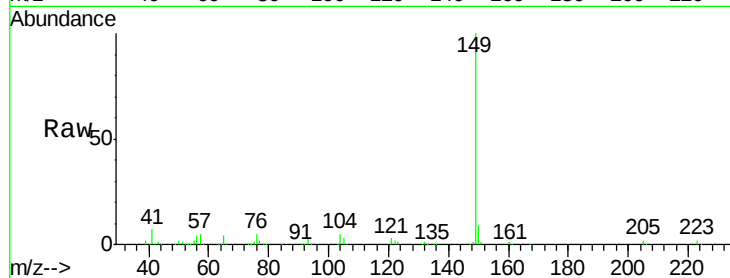
#73
Di-n-butylphthalate
Concen: 35.55 ng
RT: 18.55 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	276926		
150	8.6	6.9	10.3	
104	5.4	3.7	5.5	

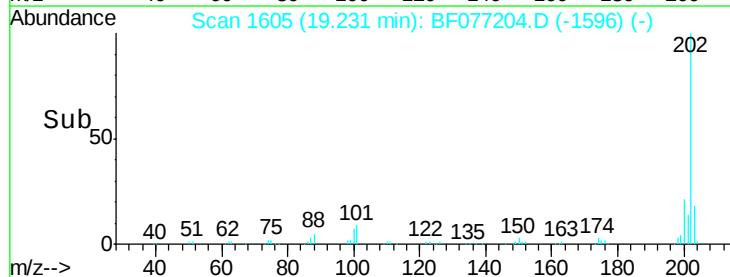
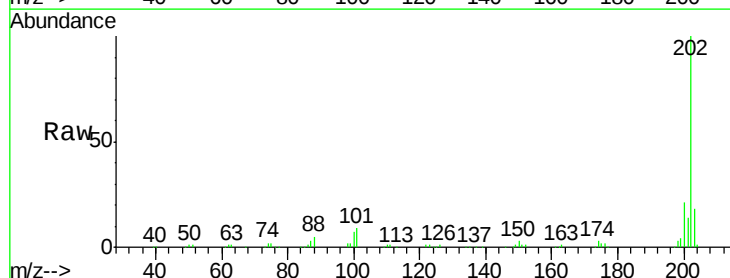
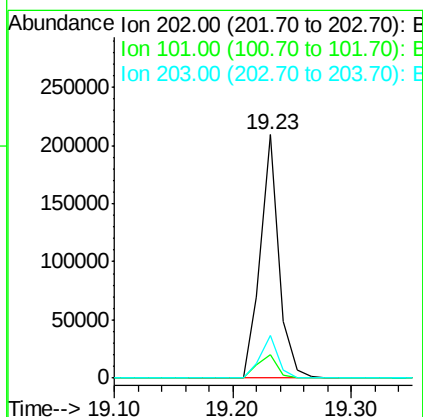
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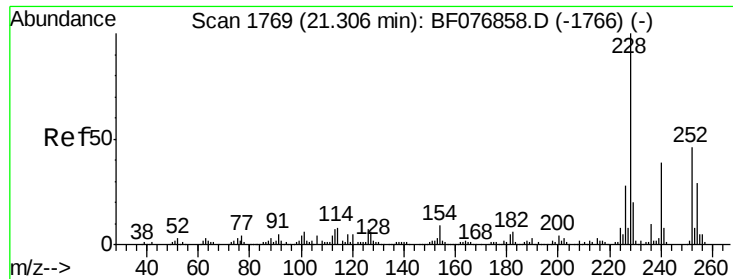
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#74
Fluoranthene
Concen: 31.72 ng
RT: 19.23 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	231268		
101	9.5	0.0	30.7	
203	17.7	0.0	36.9	





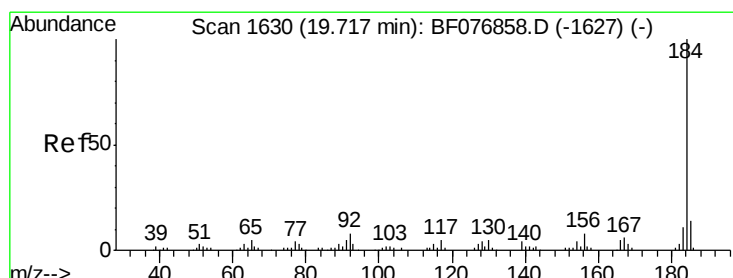
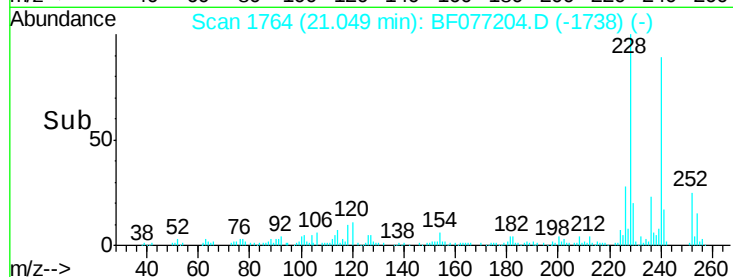
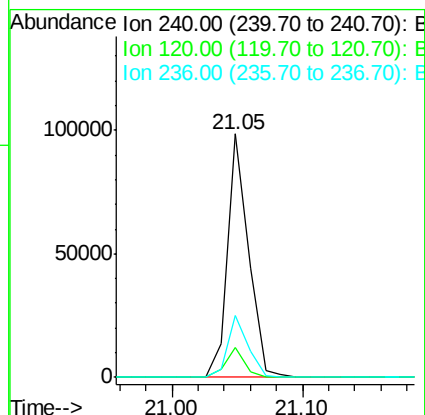
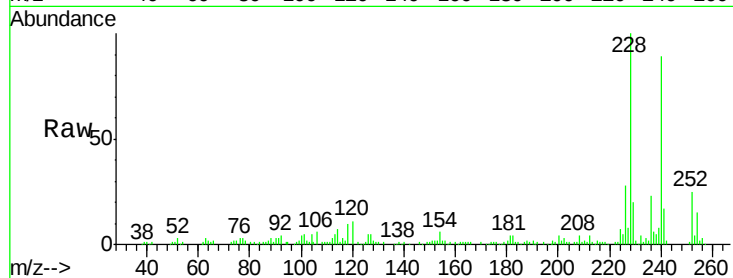
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	110379		
120	12.3	10.4	15.6	
236	25.5	20.2	30.2	

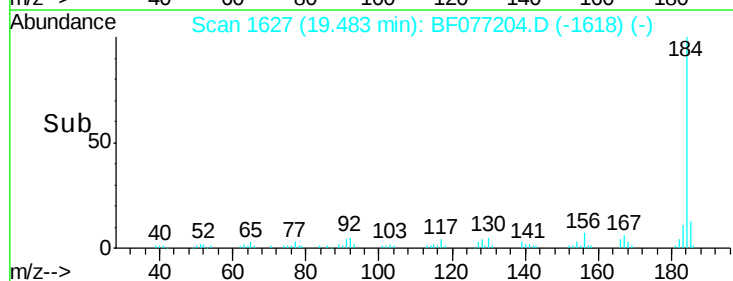
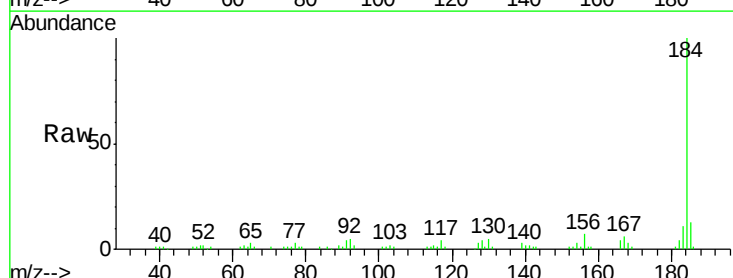
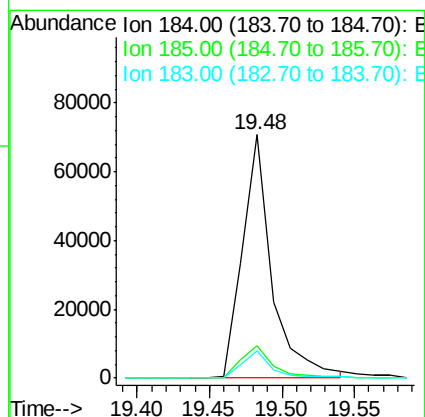
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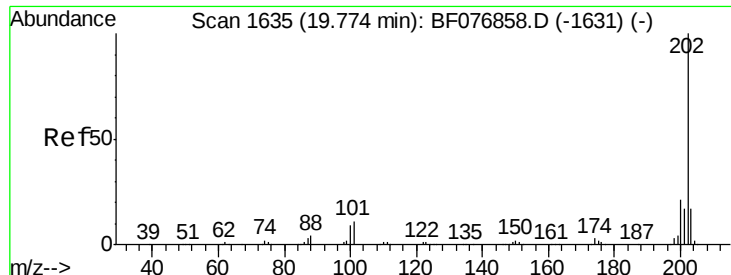
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#76
Benzidine
Concen: 28.13 ng
RT: 19.48 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	99358		
185	13.3	11.4	17.2	
183	11.1	9.0	13.6	





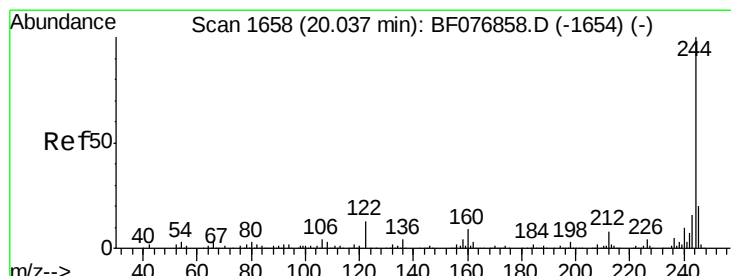
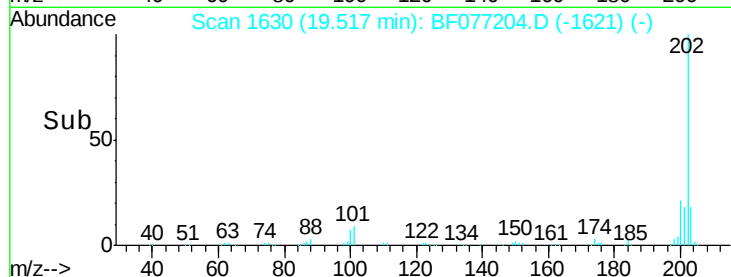
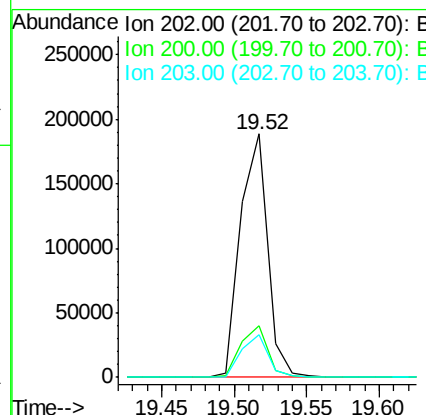
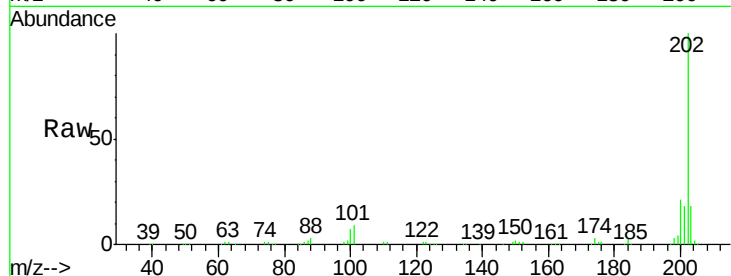
#77
 Pyrene
 Concen: 32.49 ng
 RT: 19.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	16.7	25.1
203	17.7	14.0	21.0

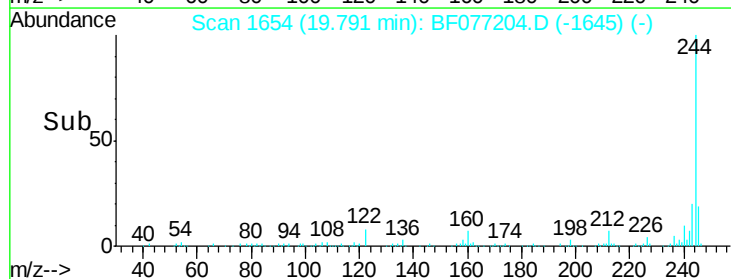
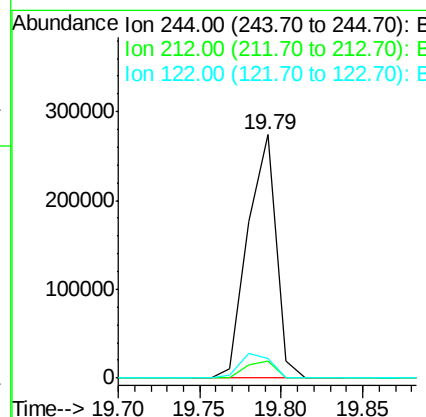
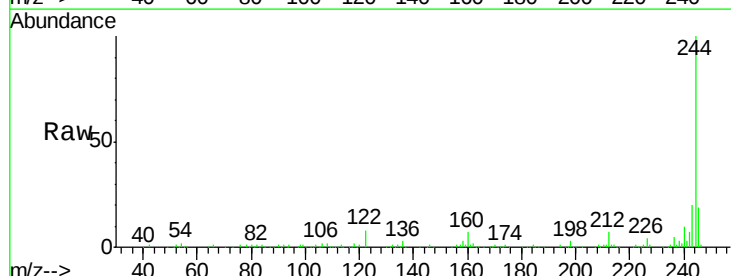
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#78
 Terphenyl-d14
 Concen: 68.87 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.8	6.3	9.5
122	8.3	10.1	15.1#





#79

Butylbenzylphthalate

Concen: 36.28 ng

RT: 20.45 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BF077204.D

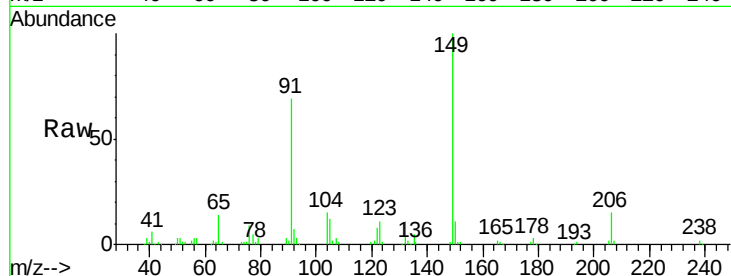
Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

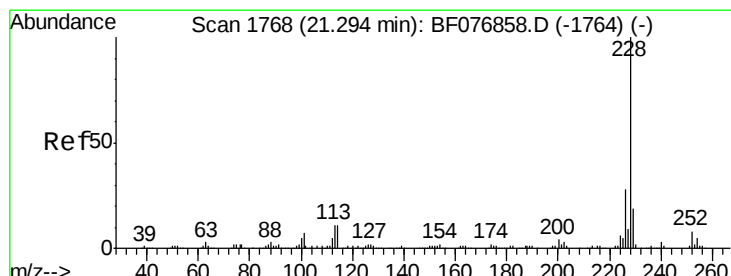
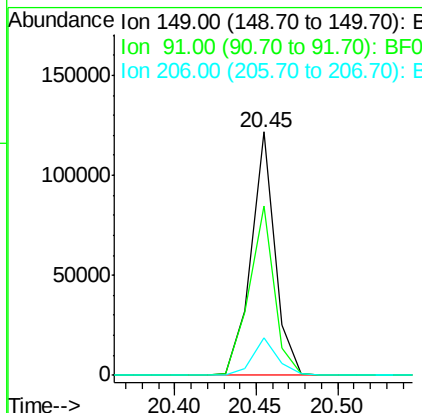
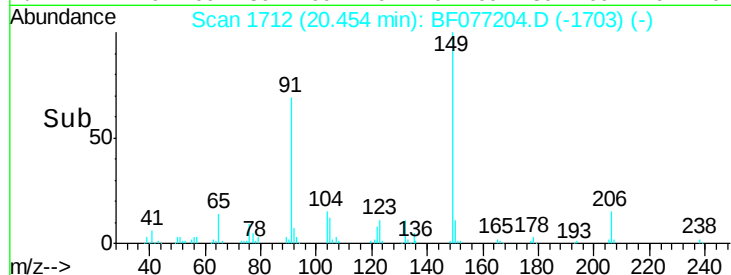
PB81636BS



Tgt Ion:	149	Resp:	124293
Ion Ratio	Lower	Upper	
149	100		
91	69.4	50.6	76.0
206	15.3	12.8	19.2

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#80

Benzo(a)anthracene

Concen: 31.35 ng

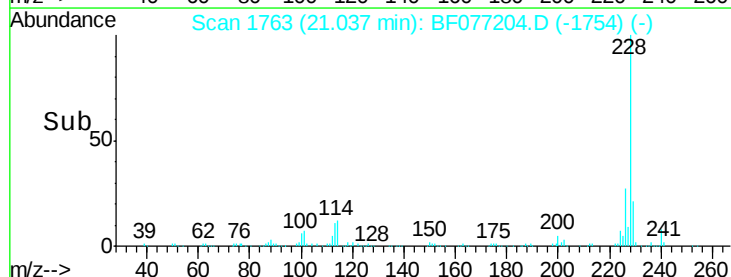
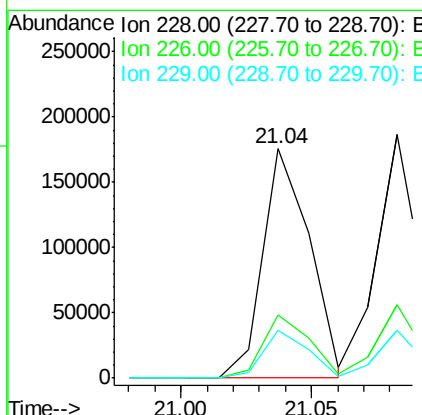
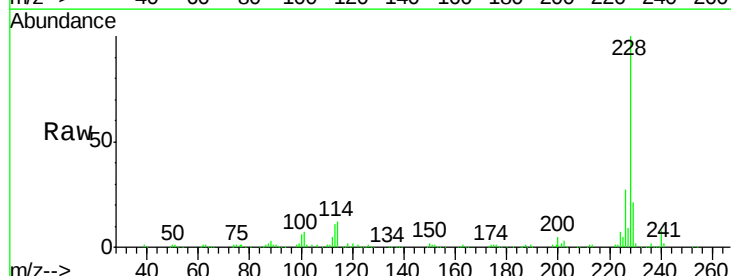
RT: 21.04 min Scan# 1763

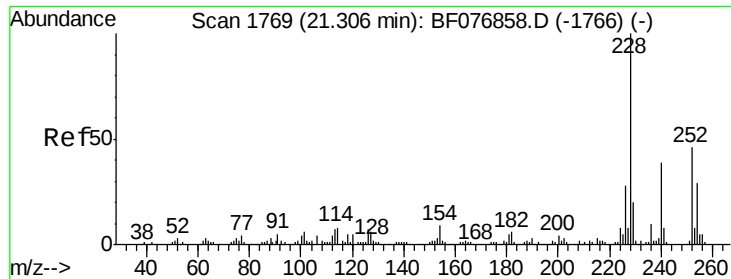
Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion:	228	Resp:	217088
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.1	33.1
229	20.6	15.5	23.3





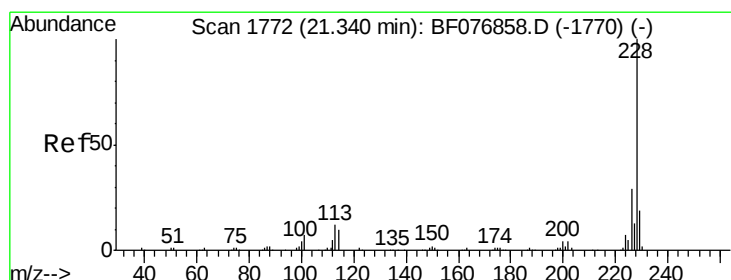
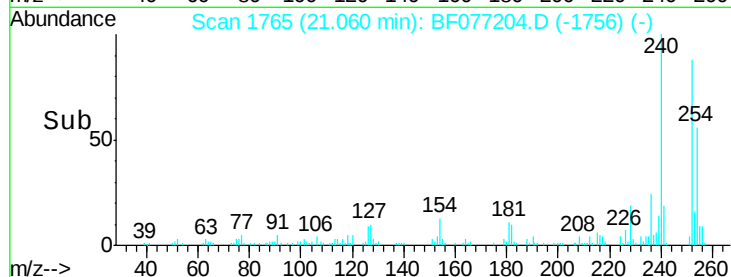
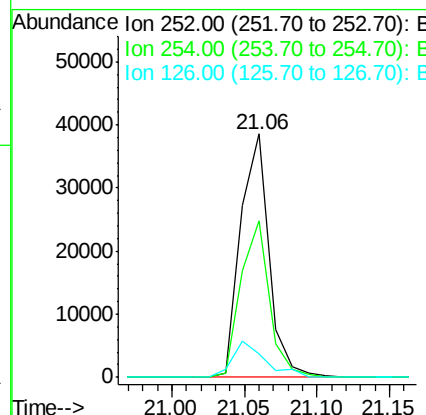
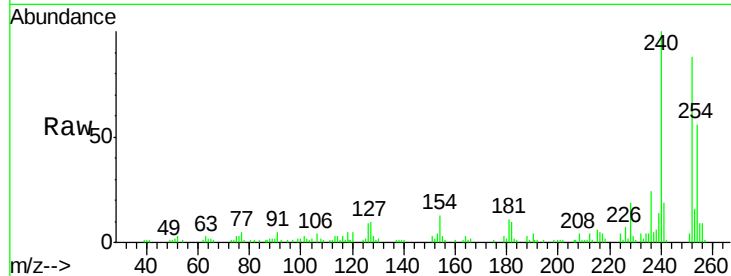
#81
 3,3'-Dichlorobenzidine
 Concen: 23.94 ng
 RT: 21.06 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.5	50.2	75.4
126	9.8	11.5	17.3

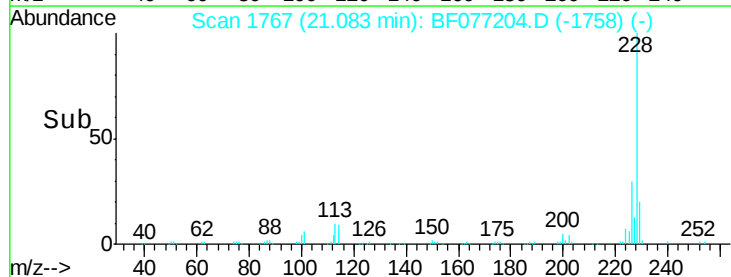
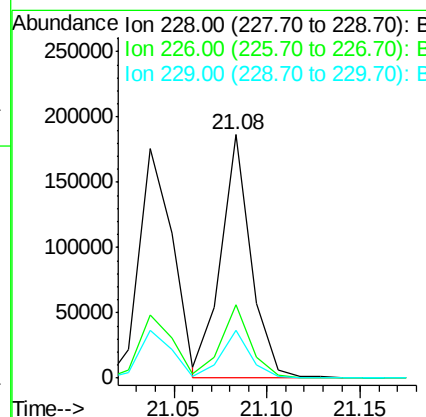
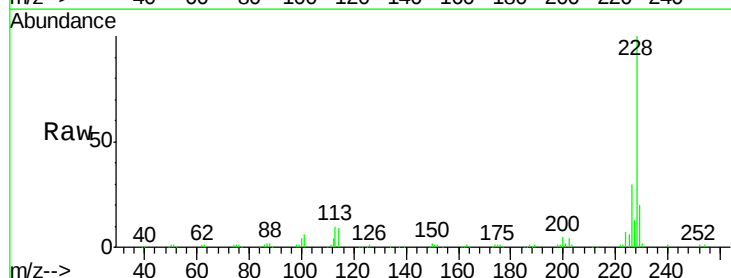
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#82
 Chrysene
 Concen: 32.91 ng
 RT: 21.08 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	23.4	35.0
229	19.6	15.4	23.0





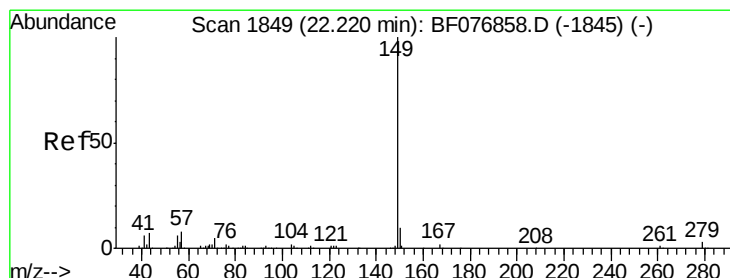
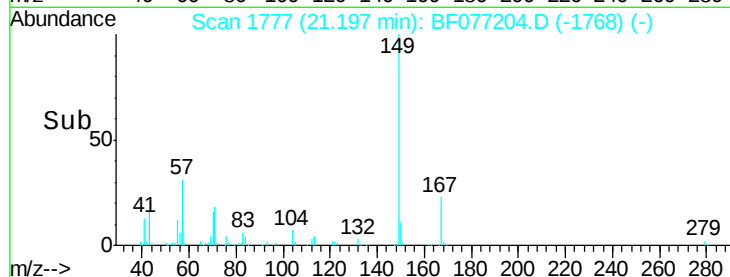
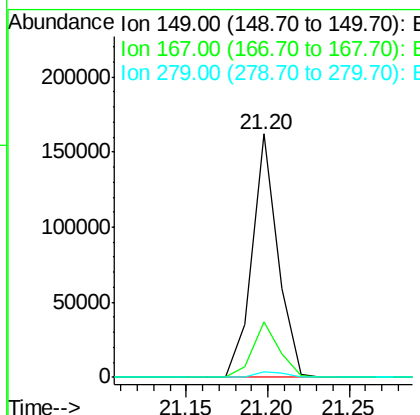
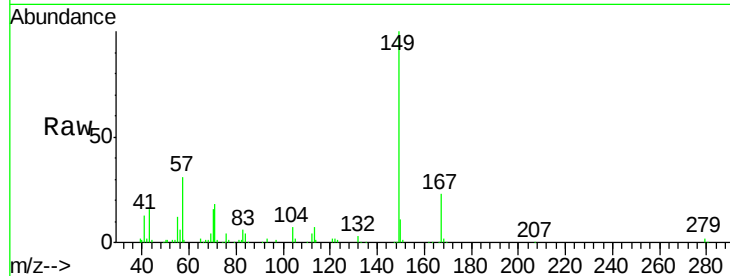
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.49 ng
 RT: 21.20 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	177689		
167	23.0	20.6	30.8	
279	2.1	2.2	3.2#	

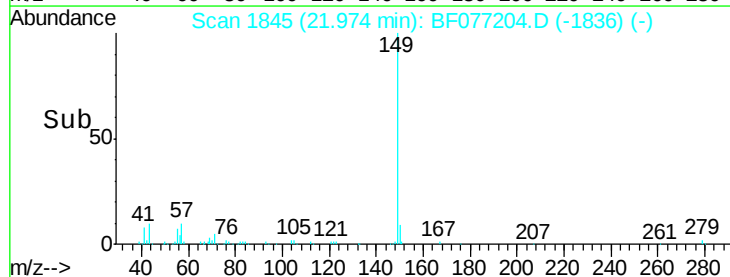
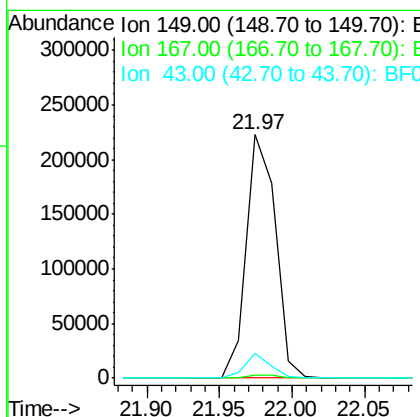
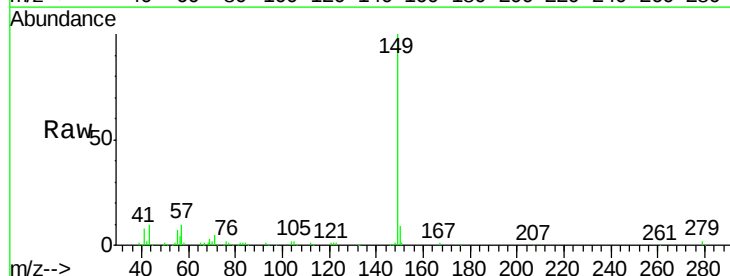
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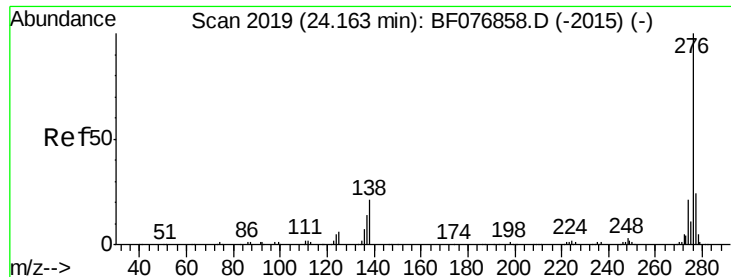
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#84
 Di-n-octyl phthalate
 Concen: 37.89 ng
 RT: 21.97 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	311754		
167	1.4	1.1	1.7	
43	8.9	6.6	10.0	





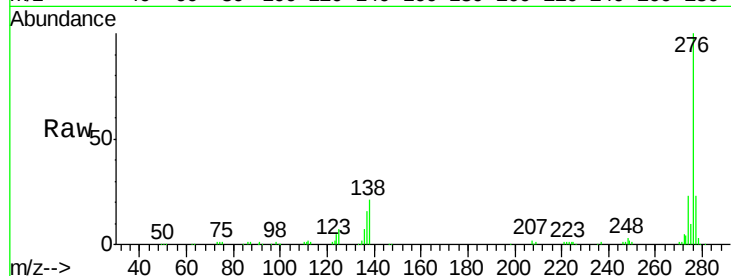
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.85 ng
RT: 23.91 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

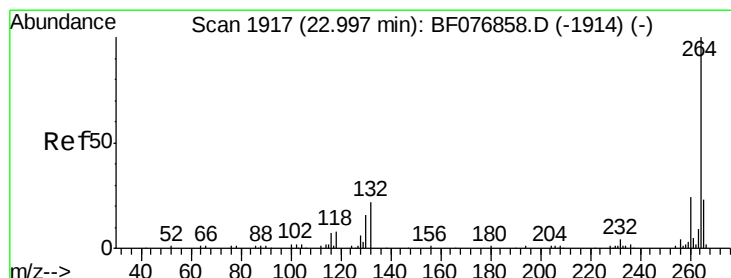
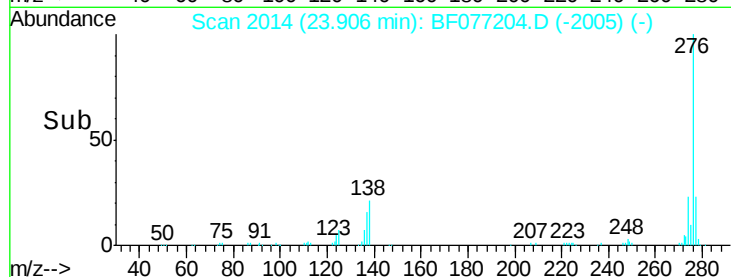
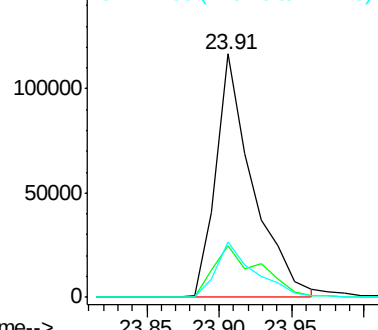
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	26.8	14.6	22.0#
277	23.9	14.8	22.2#

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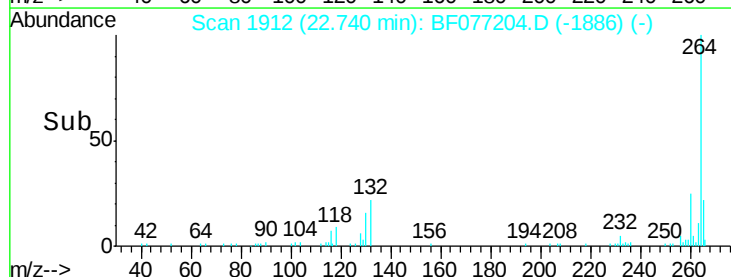
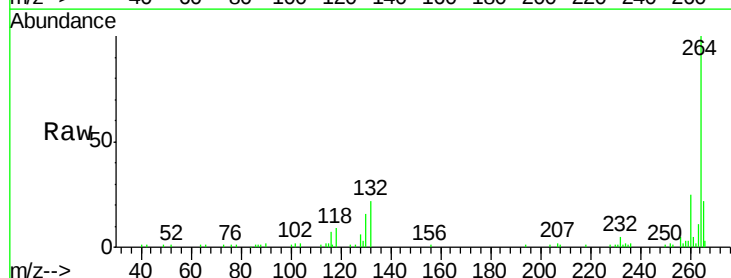
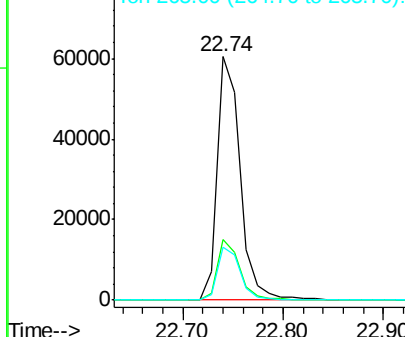
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.74 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	19.0	28.4
265	21.5	18.1	27.1

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 31.48 ng

RT: 22.32 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BF077204.D

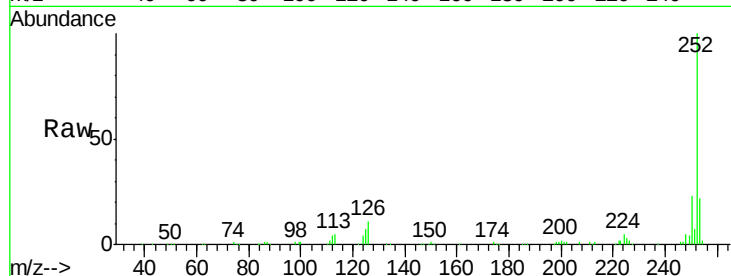
Acq: 6 Feb 2015 16:18

Instrument :

BNA_F

ClientSampleId :

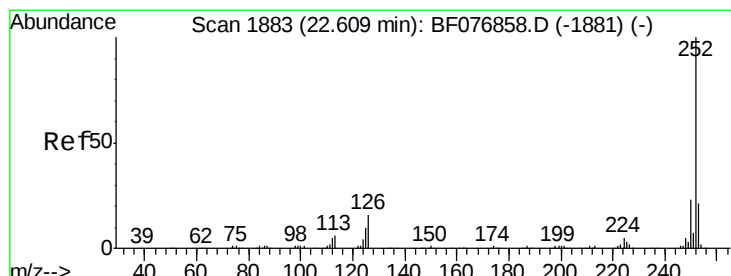
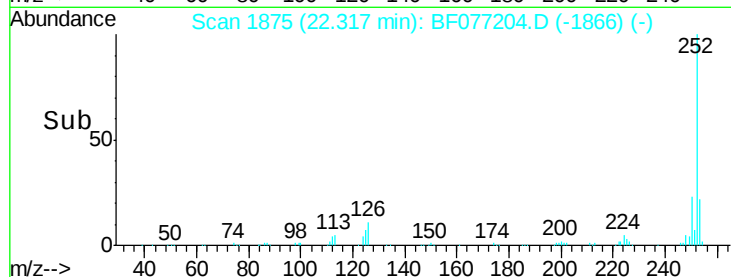
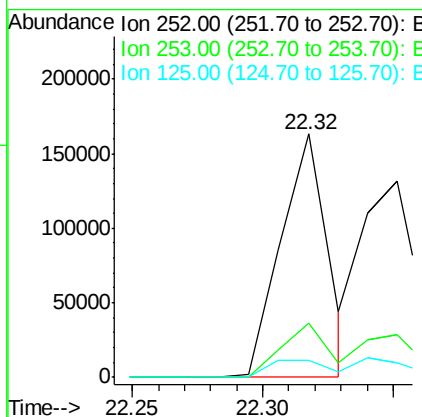
PB81636BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	7.3	9.4	14.0

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#88

Benzo(k)fluoranthene

Concen: 35.35 ng m

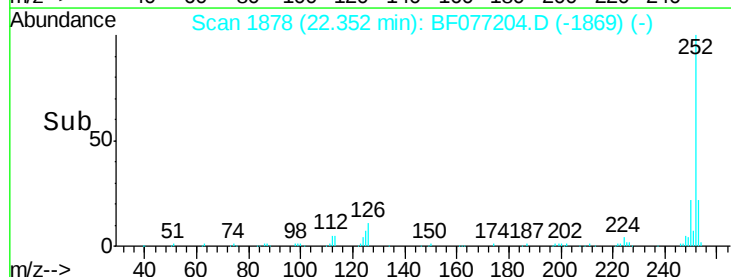
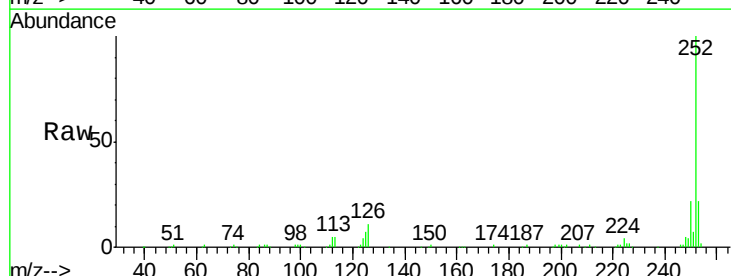
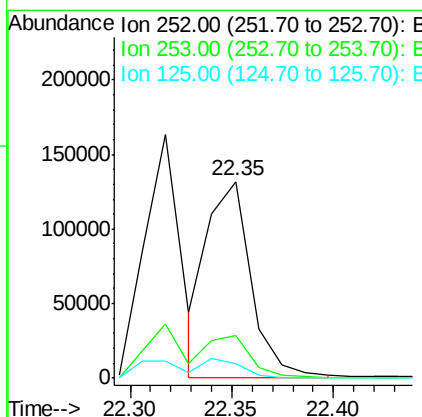
RT: 22.35 min Scan# 1878

Delta R.T. 0.00 min

Lab File: BF077204.D

Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	7.3	7.1	10.7





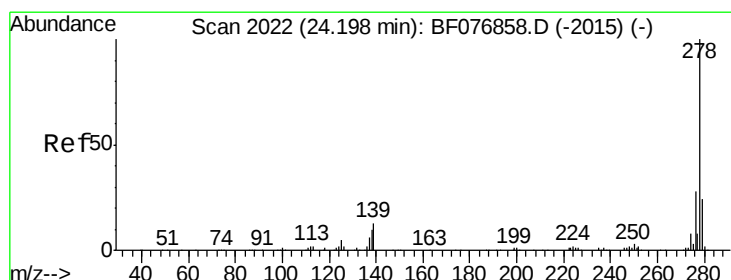
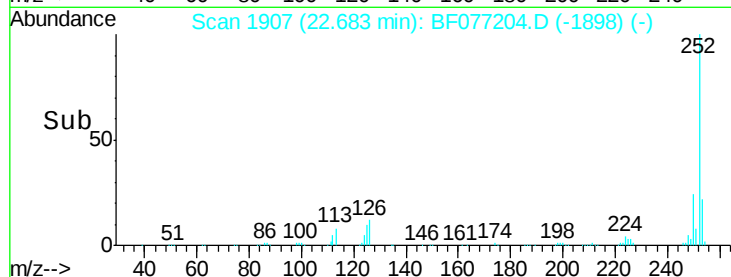
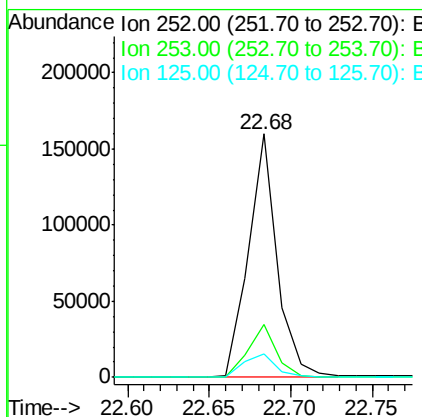
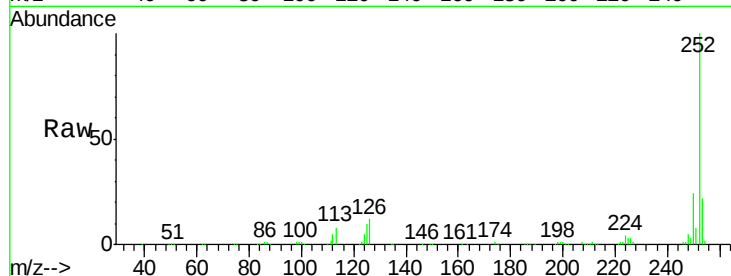
#89
Benzo(a)pyrene
Concen: 34.51 ng
RT: 22.68 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Instrument :
BNA_F
ClientSampleId :
PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.6	17.9	26.9
125	9.7	7.2	10.8

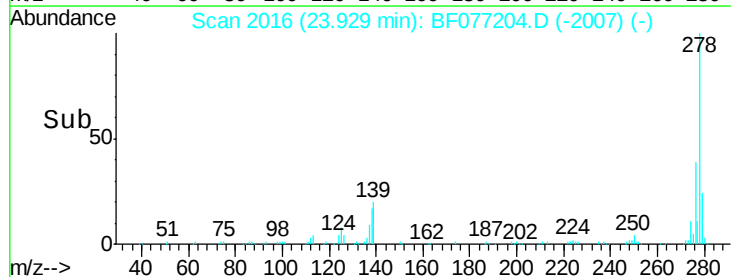
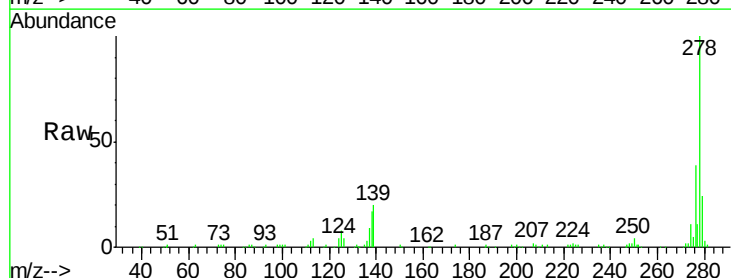
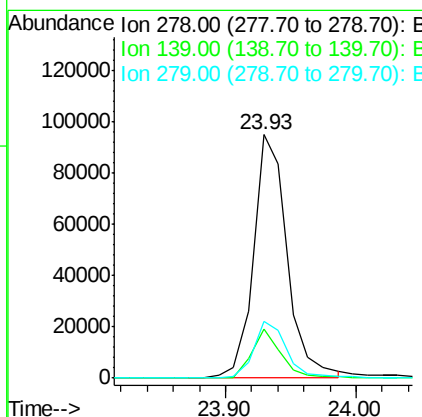
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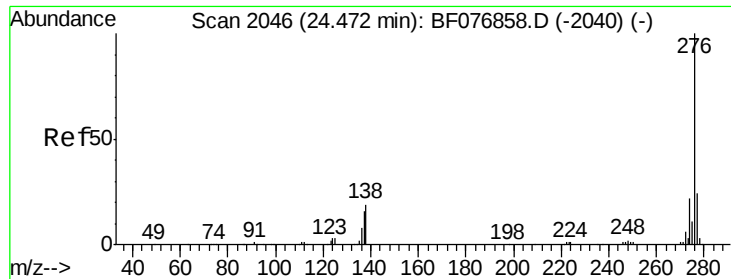
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#90
Dibenzo(a,h)anthracene
Concen: 33.12 ng
RT: 23.93 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF077204.D
Acq: 6 Feb 2015 16:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	20.2	10.5	15.7#
279	23.5	19.3	28.9





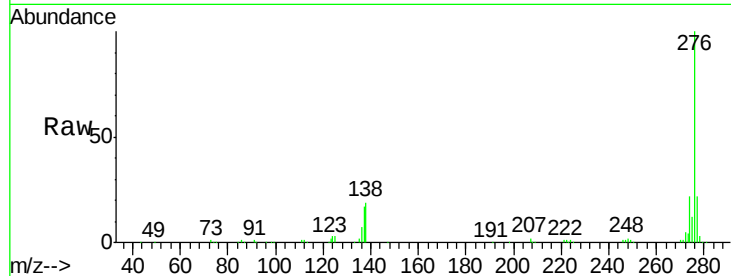
#91
 Benzo(g,h,i)perylene
 Concen: 34.45 ng
 RT: 24.18 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BF077204.D
 Acq: 6 Feb 2015 16:18

Instrument :
 BNA_F
 ClientSampleId :
 PB81636BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	21.9	19.5	29.3
138	18.6	15.0	22.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

