

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078202.D
 Acq On : 2 Apr 2015 16:24
 Operator : TP/IZ
 Sample : PB82420BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Manual Integrations
 APPROVED

apatel
 4/6/2015 12:05:35 PM

Quant Time: Apr 03 01:48:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37448	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	153058	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	77345	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	146820	20.00	ng	0.00
75) Chrysene-d12	15.86	240	151100	20.00	ng	-0.02
86) Perylene-d12	17.54	264	140959	20.00	ng	-0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	271959	119.74	ng	0.01
7) Phenol-d6	6.60	99	329347	115.71	ng	0.00
23) Nitrobenzene-d5	7.71	82	191326	75.77	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	82505	128.62	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	421613	77.92	ng	0.00
78) Terphenyl-d14	14.58	244	496132	74.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	1.88	88	27063	26.35	ng	92
3) Pyridine	2.52	79	81169	30.17	ng	97
4) n-Nitrosodimethylamine	2.45	42	39789m	38.42	ng	
6) Aniline	6.60	93	73521	18.21	ng	# 81
8) 2-Chlorophenol	6.75	128	99943	37.21	ng	98
10) Phenol	6.62	94	116928	34.28	ng	98
11) bis(2-Chloroethyl)ether	6.72	93	92451	37.69	ng	99
12) 1,3-Dichlorobenzene	6.93	146	102965	34.90	ng	97
13) 1,4-Dichlorobenzene	7.04	146	106907	36.00	ng	97
14) 1,2-Dichlorobenzene	7.22	146	99794	35.84	ng	98
15) Benzyl Alcohol	7.21	79	74687	37.34	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	122951	37.58	ng	99
17) 2-Methylphenol	7.37	107	79457	38.11	ng	98
18) Hexachloroethane	7.63	117	35922	35.87	ng	# 73
19) n-Nitroso-di-n-propylamine	7.54	70	65013	34.62	ng	# 86
20) 3+4-Methylphenols	7.56	107	104147	37.44	ng	99
22) Acetophenone	7.53	105	130377	36.56	ng	# 89
24) Nitrobenzene	7.73	77	93360	35.37	ng	# 80
25) Isophorone	8.04	82	175785	36.68	ng	99
26) 2-Nitrophenol	8.13	139	49201	39.11	ng	98
27) 2,4-Dimethylphenol	8.21	122	87343	37.34	ng	100
28) bis(2-Chloroethoxy)methane	8.33	93	116899	38.04	ng	99
29) 2,4-Dichlorophenol	8.44	162	80845	37.99	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	83996	34.42	ng	98
31) Naphthalene	8.62	128	284070	35.66	ng	99
32) Benzoic acid	8.34	122	34076	33.03	ng	95
33) 4-Chloroaniline	8.70	127	66316	20.06	ng	99
34) Hexachlorobutadiene	8.77	225	47262	35.28	ng	96
35) Caprolactam	9.13	113	23379	36.80	ng	95
36) 4-Chloro-3-methylphenol	9.32	107	83588	38.93	ng	99
37) 2-Methylnaphthalene	9.48	142	203035	37.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	83161	34.70	ng	97
40) Hexachlorocyclopentadiene	9.66	237	77675	75.69	ng	97
42) 2,4,6-Trichlorophenol	9.84	196	56596	37.45	ng	100

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	57968	36.71	nq	# 83
45) 1,1'-Biphenyl	10.07	154	233544	36.91	nq	100
46) 2-Chloronaphthalene	10.08	162	185136	37.19	nq	99
47) 2-Nitroaniline	10.21	65	48543	39.42	nq	87
48) Acenaphthylene	10.58	152	290284	36.11	nq	98
49) Dimethylphthalate	10.45	163	207627	35.73	nq	98
50) 2,6-Dinitrotoluene	10.52	165	45468	38.03	nq	# 47
51) Acenaphthene	10.80	154	166843	36.87	nq	99
52) 3-Nitroaniline	10.73	138	39027	28.71	nq	93
53) 2,4-Dinitrophenol	10.87	184	27685	65.60	nq	93
54) Dibenzofuran	11.01	168	260049	37.62	nq	99
55) 4-Nitrophenol	10.97	139	66774	67.17	nq	99
56) 2,4-Dinitrotoluene	11.03	165	63724	41.16	nq	89
57) Fluorene	11.44	166	218190	38.94	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	48192	41.17	nq	98
59) Diethylphthalate	11.33	149	213208	38.05	nq	99
60) 4-Chlorophenyl-phenylether	11.45	204	96289	37.36	nq	# 77
61) 4-Nitroaniline	11.48	138	50867	37.02	nq	92
62) Azobenzene	11.64	77	200542	39.22	nq	96
64) 4,6-Dinitro-2-methylphenol	11.52	198	22211	33.60	nq	85
65) n-Nitrosodiphenylamine	11.60	169	177217	34.89	nq	100
66) 4-Bromophenyl-phenylether	12.05	248	58927	37.90	nq	93
67) Hexachlorobenzene	12.11	284	61877	36.32	nq	# 90
68) Atrazine	12.28	200	57703	39.23	nq	98
69) Pentachlorophenol	12.36	266	51939	69.83	nq	99
70) Phenanthrene	12.63	178	311268	36.65	nq	100
71) Anthracene	12.68	178	312564	37.35	nq	99
72) Carbazole	12.90	167	295568	37.69	nq	99
73) Di-n-butylphthalate	13.36	149	334490	37.65	nq	99
74) Fluoranthene	14.09	202	334588	37.36	nq	95
76) Benzidine	14.28	184	145227	24.96	nq	99
77) Pyrene	14.36	202	345724	36.45	nq	98
79) Butylbenzylphthalate	15.21	149	147496	40.80	nq	85
80) Benzo(a)anthracene	15.85	228	326183	36.28	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	59035	19.61	nq	# 98
82) Chrysene	15.89	228	308368	36.51	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	222455	39.23	nq	99
84) Di-n-octyl phthalate	16.71	149	376166	40.40	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.84	276	346020	36.10	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	325780	37.40	nq	99
88) Benzo(k)fluoranthene	17.14	252	307892m	39.77	nq	
89) Benzo(a)pyrene	17.48	252	306757	40.35	nq	100
90) Dibenzo(a,h)anthracene	18.87	278	271858	35.71	nq	99
91) Benzo(g,h,i)perylene	19.22	276	279731	36.65	nq	97

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

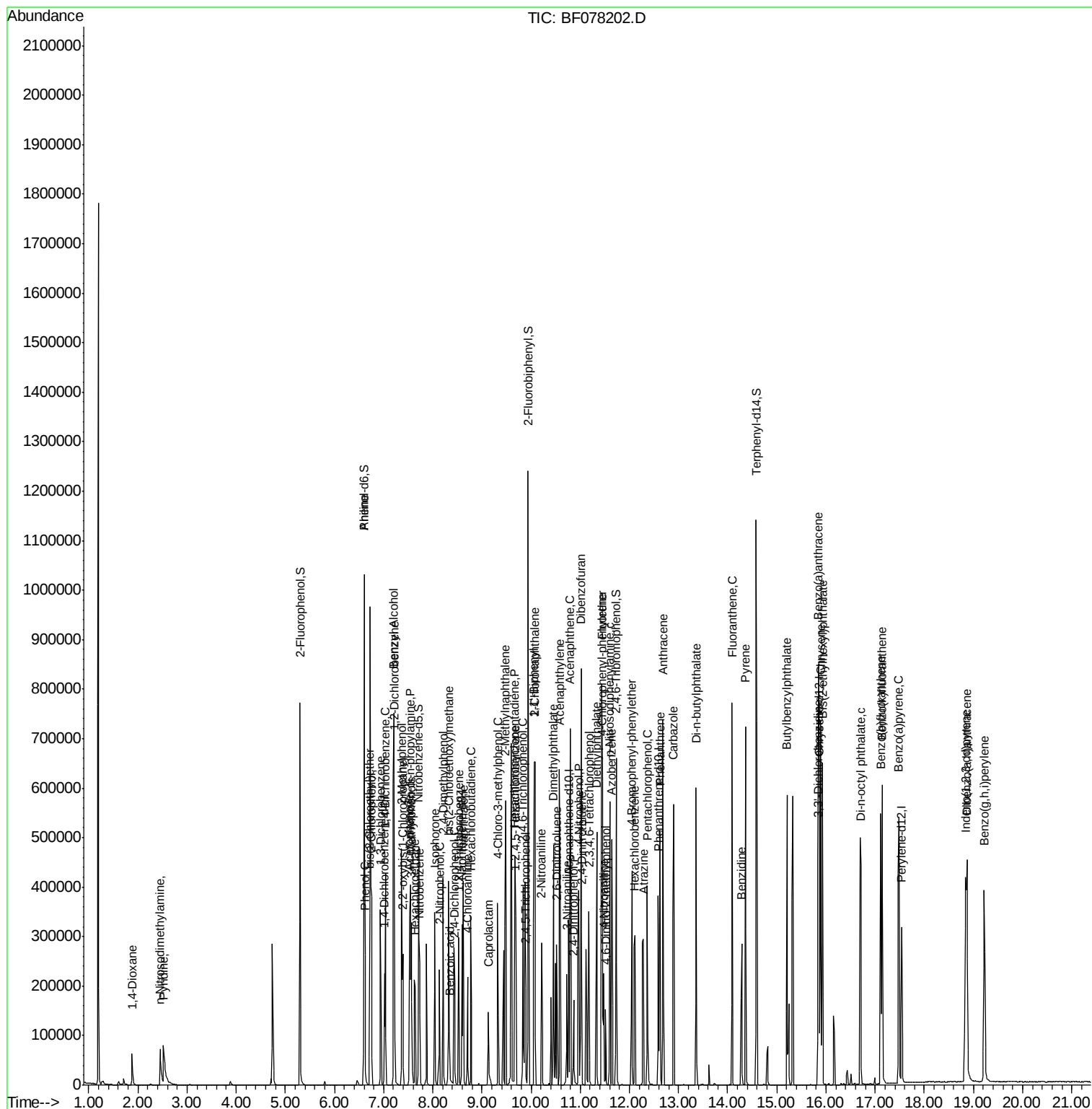
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\  
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Operator  : TP/IZ  
Sample    : PB82420BSD  
Misc      :  
ALS Vial  : 7 Sample Multiplier: 1
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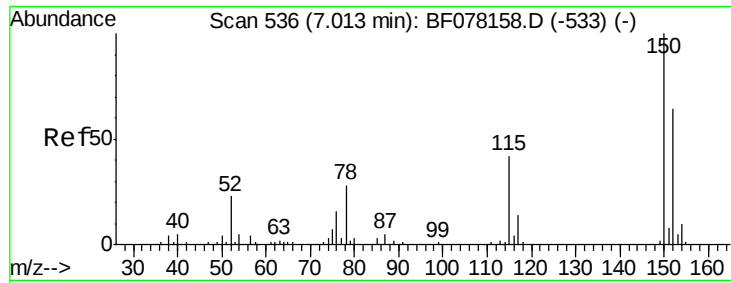
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Manual Integrations APPROVED

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#1

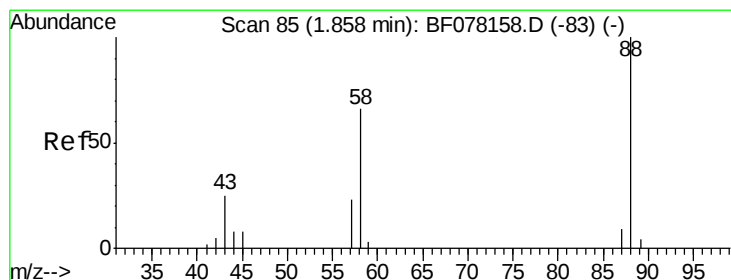
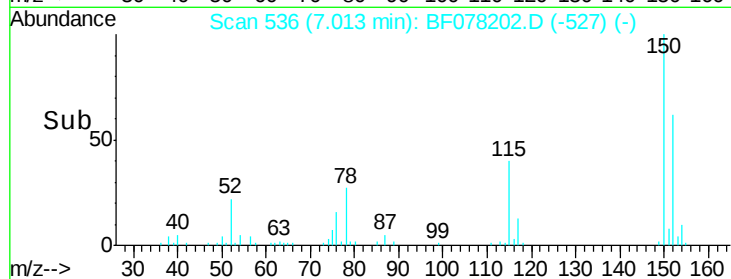
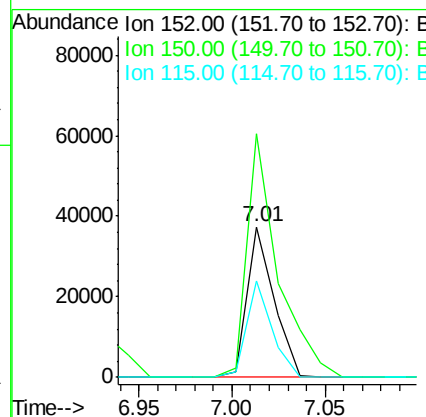
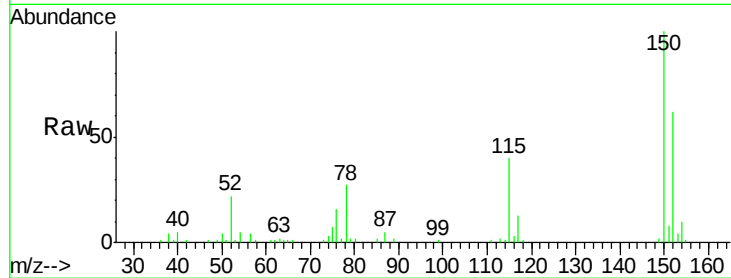
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.2	125.9	188.9
115	64.6	52.7	79.1

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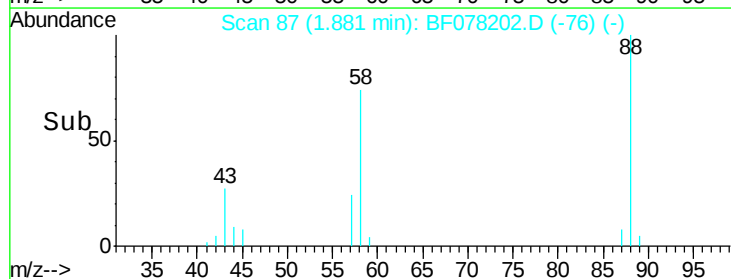
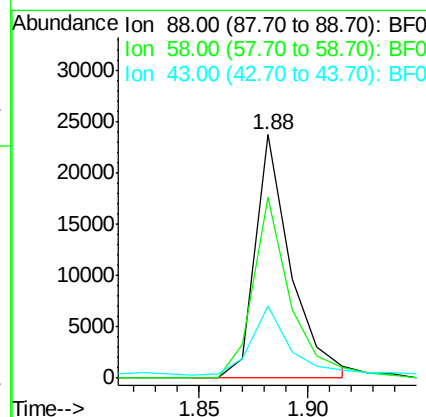
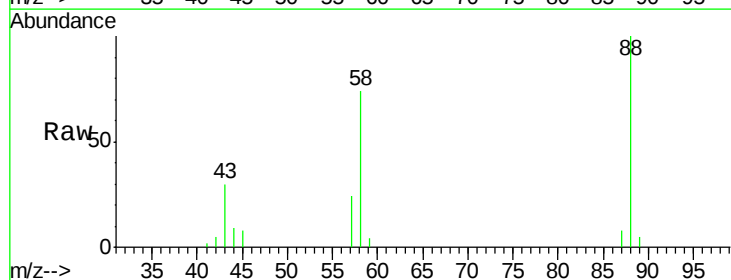
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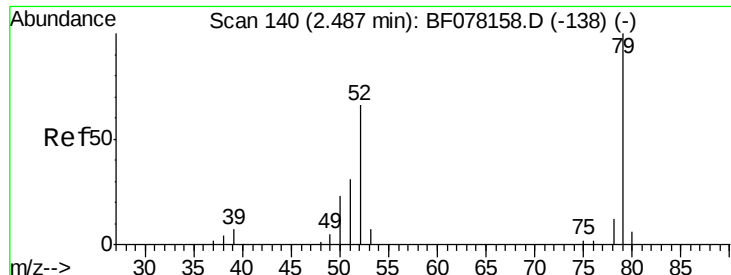


#2

1,4-Dioxane
Concen: 26.35 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	56.9	85.3
43	30.1	21.4	32.2





#3

Pvridine

Concen: 30.17 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

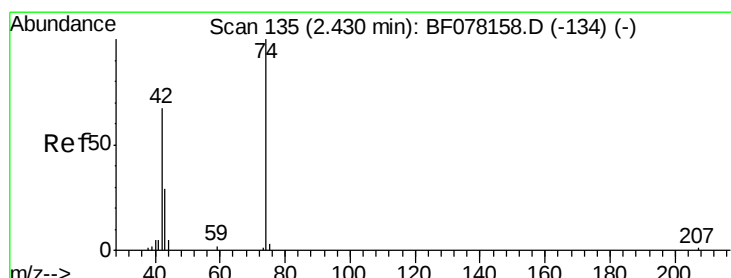
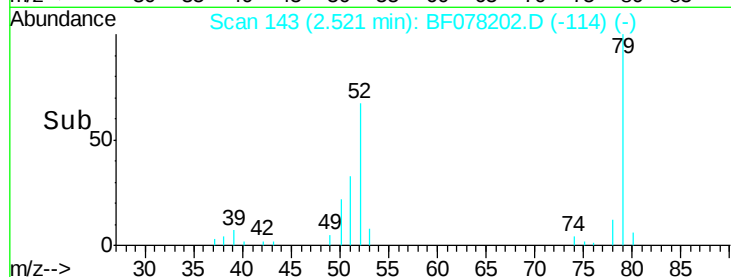
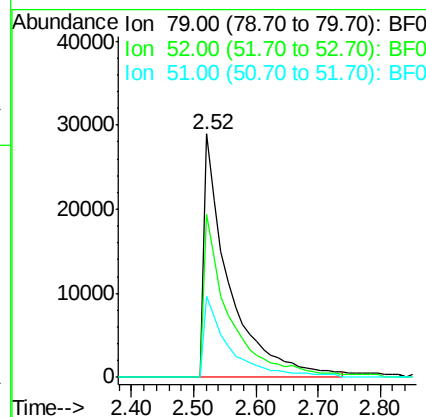
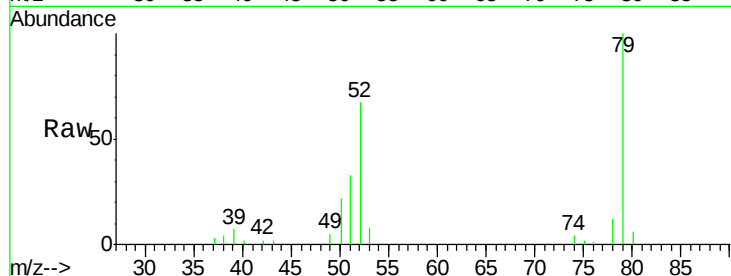
ClientSampleId :

PB82420BSD

Tot Ion:	79	Resp:	81169
Ion	Ratio	Lower	Upper
79	100		
52	67.1	52.4	78.6
51	33.1	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 38.42 ng m

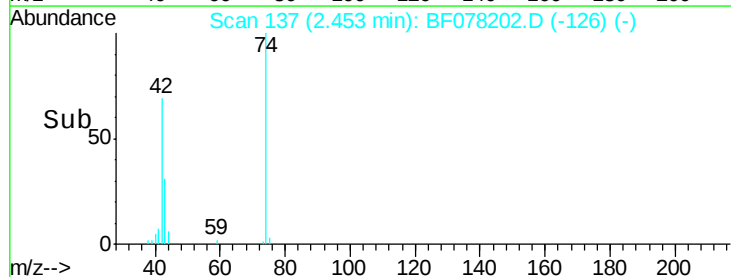
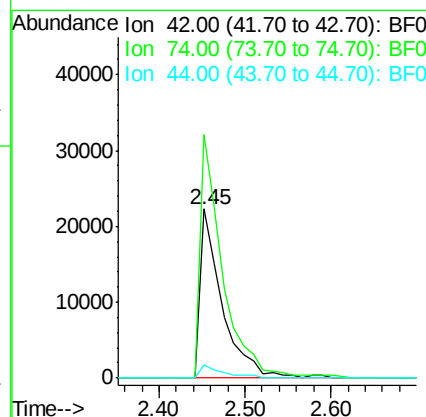
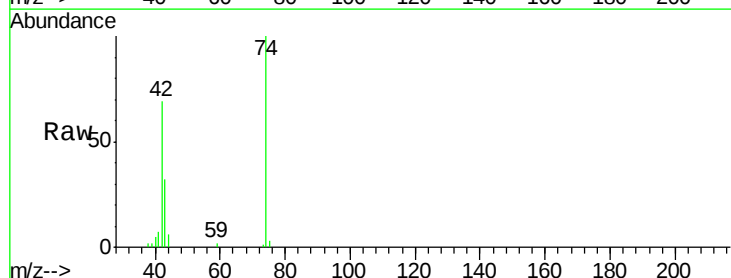
RT: 2.45 min Scan# 137

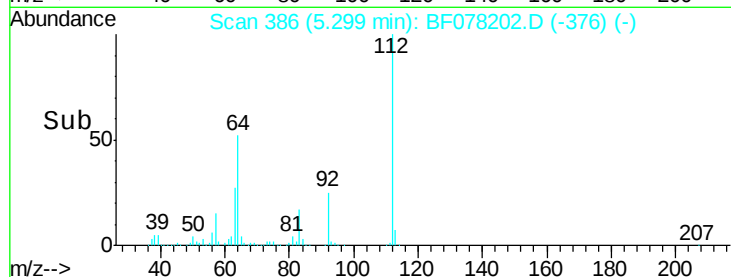
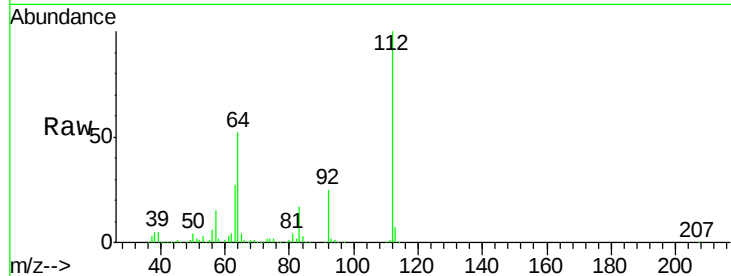
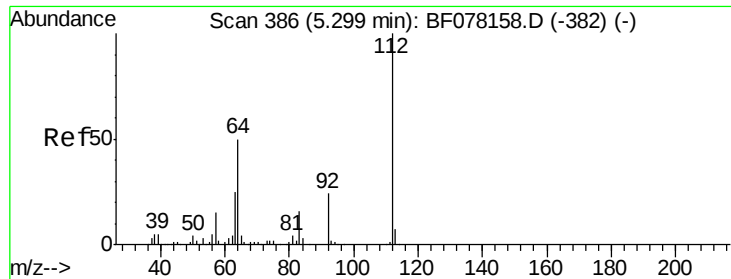
Delta R.T. 0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	42	Resp:	39789
Ion	Ratio	Lower	Upper
42	100		
74	144.2	118.7	178.1
44	8.2	5.9	8.9





#5

2-Fluorophenol

Concen: 119.74 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078202.D

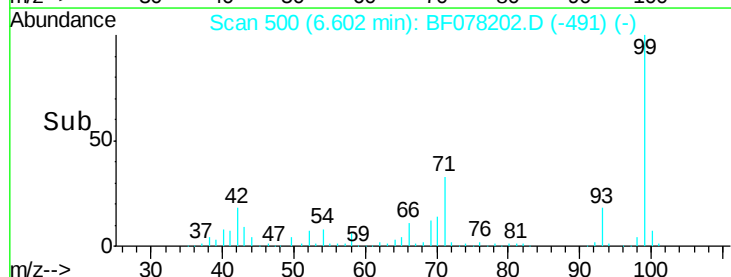
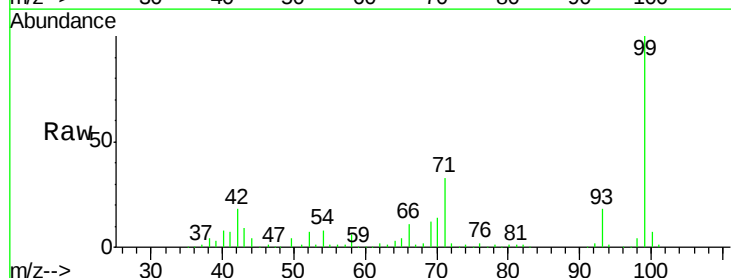
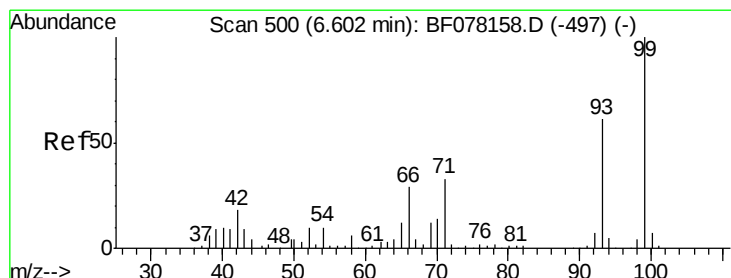
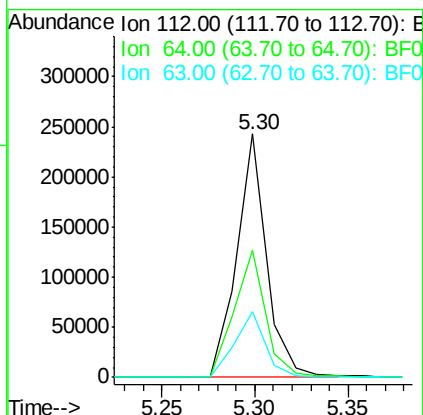
Acq: 2 Apr 2015 16:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		271959		
64	52.3	39.9	59.9		
63	27.2	20.2	30.4		

Instrument :
BNA_F
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PB82420BSD

Manual Integrations
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#6

Aniline

Concen: 18.21 ng

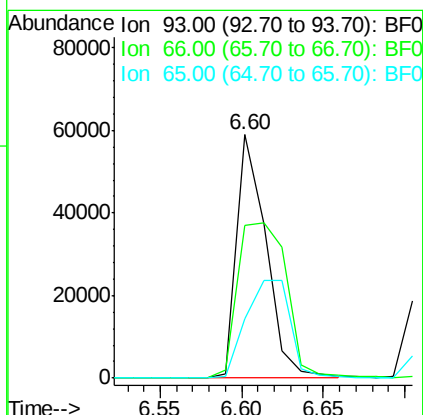
RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		73521		
66	62.8	38.0	57.0#		
65	24.4	16.3	24.5		





#7

Phenol-d6

Concen: 115.71 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

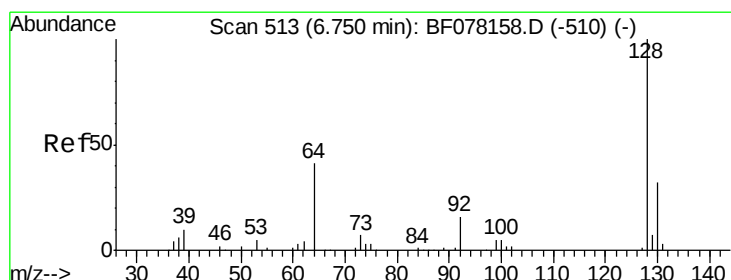
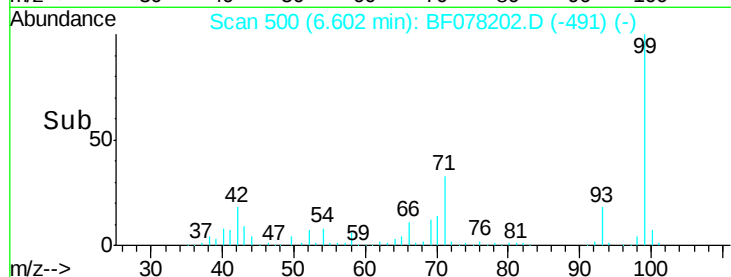
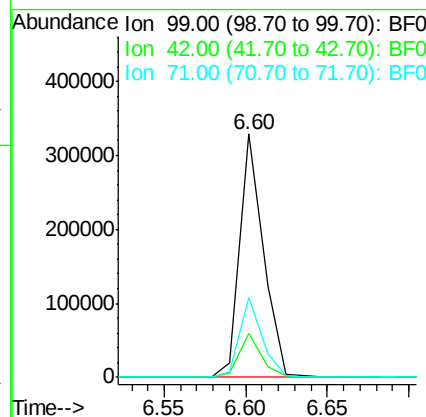
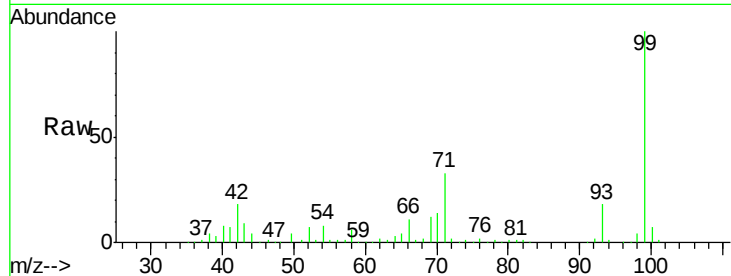
ClientSampleId :

PB82420BSD

Tot Ion:	99	Resp:	329347
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.8	22.2
71	32.9	26.6	39.8

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#8

2-Chlorophenol

Concen: 37.21 ng

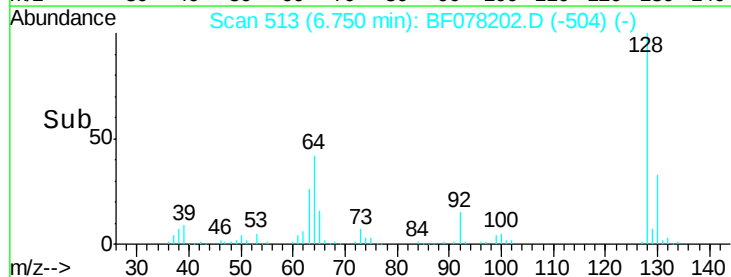
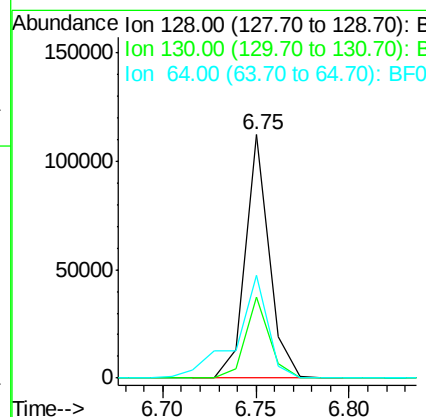
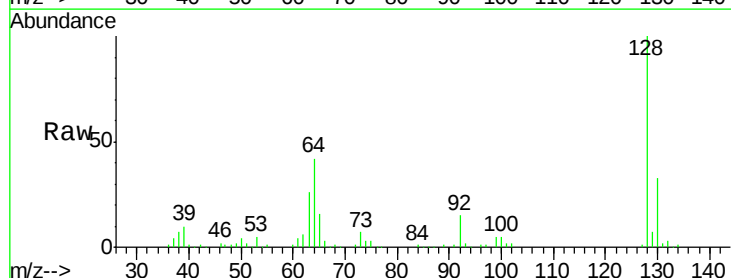
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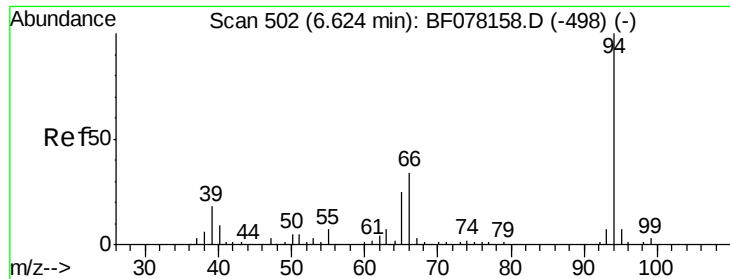
Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	128	Resp:	99943
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.3	52.3
64	42.2	23.8	63.8





#10

Phenol

Concen: 34.28 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tot Ion: 94 Resp: 116928

Ion Ratio Lower Upper

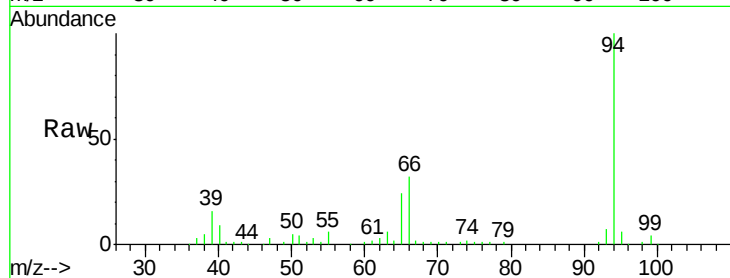
94 100

65 24.2 4.9 44.9

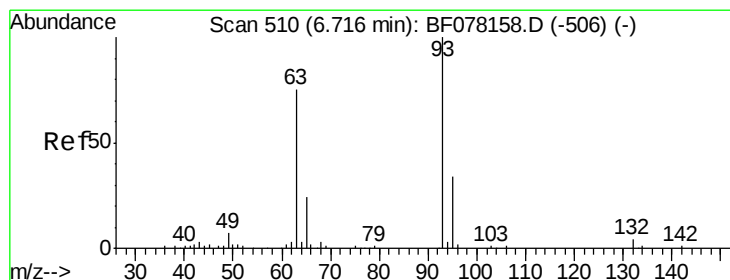
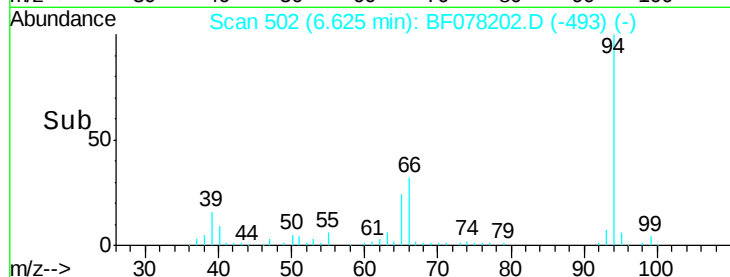
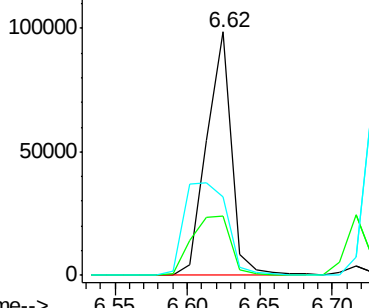
66 32.1 13.8 53.8

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Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 37.69 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

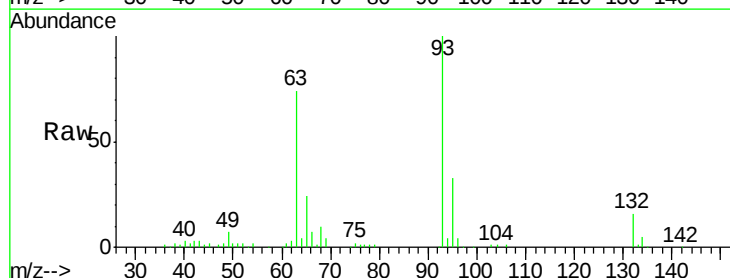
Tgt Ion: 93 Resp: 92451

Ion Ratio Lower Upper

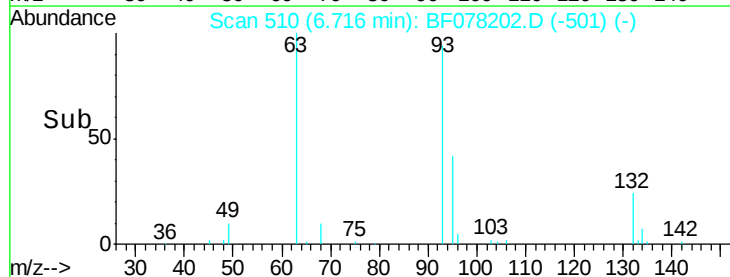
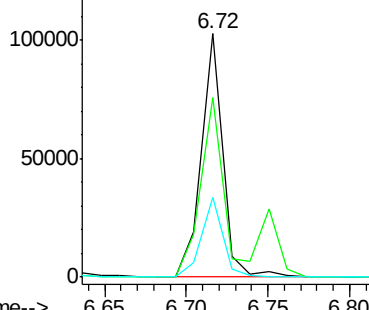
93 100

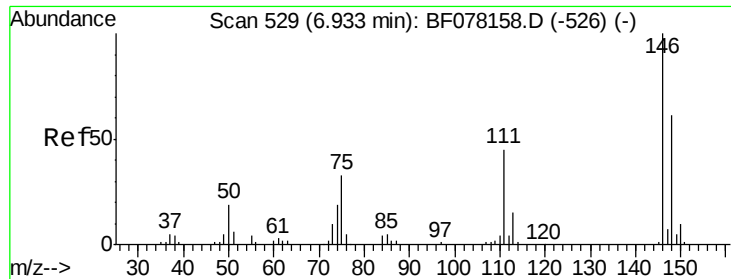
63 73.8 54.6 94.6

95 32.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0





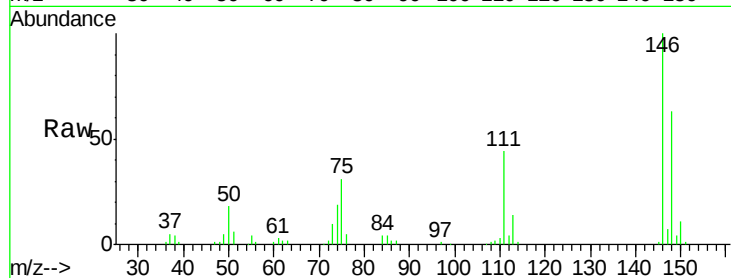
#12
 1,3-Dichlorobenzene
 Concen: 34.90 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.1	73.7
75	31.4	26.6	40.0

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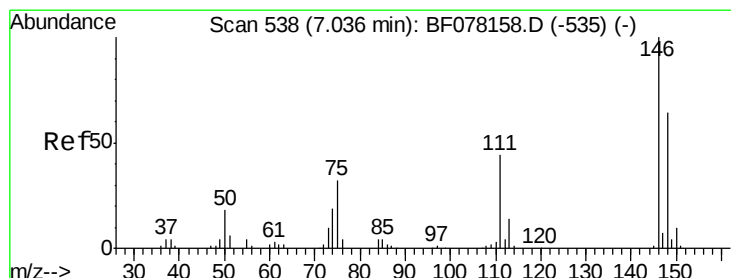
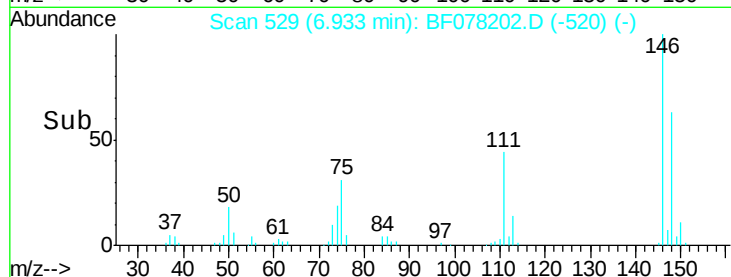
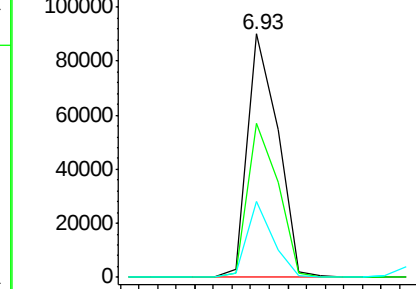


Abundance

Ion 146.00 (145.70 to 146.70): E

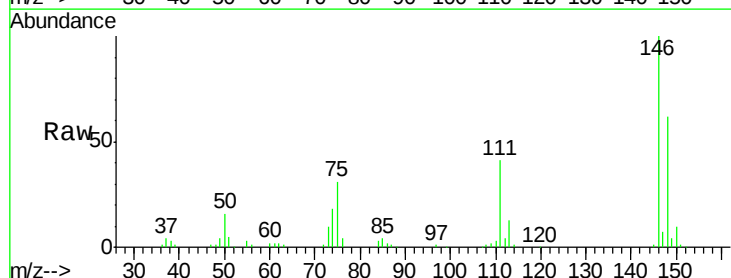
Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13
 1,4-Dichlorobenzene
 Concen: 36.00 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.0
111	40.9	35.0	52.4

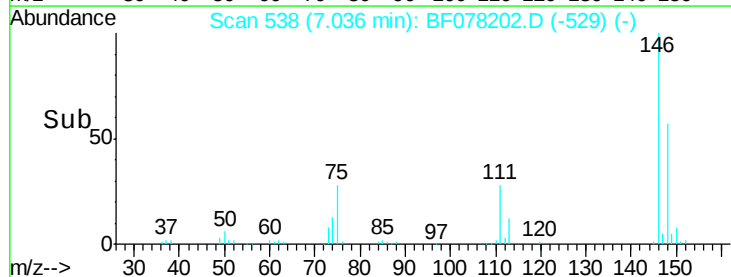
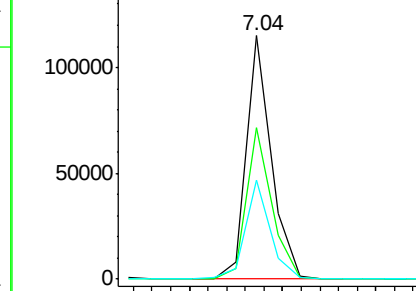


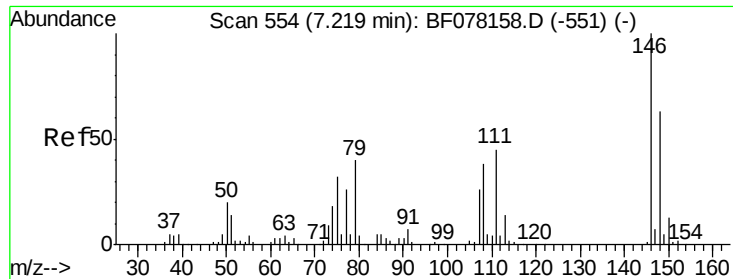
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 35.84 ng

RT: 7.22 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

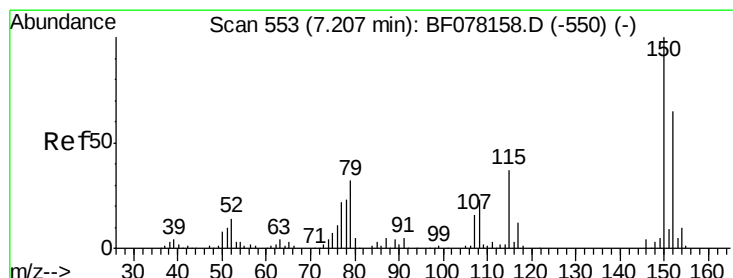
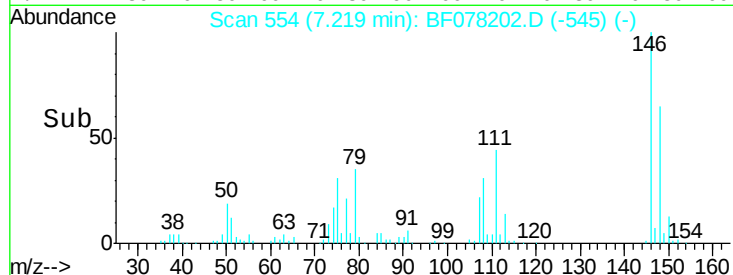
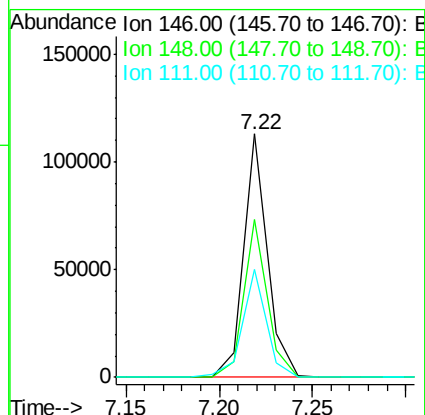
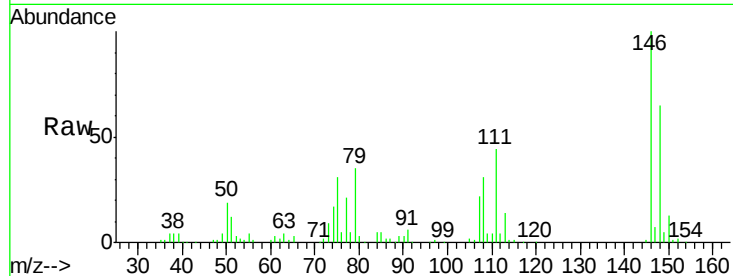
ClientSampleId :

PB82420BSD

Tot Ion:	146	Resp:	99794
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.2	75.4
111	44.2	36.1	54.1

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#15

Benzyl Alcohol

Concen: 37.34 ng

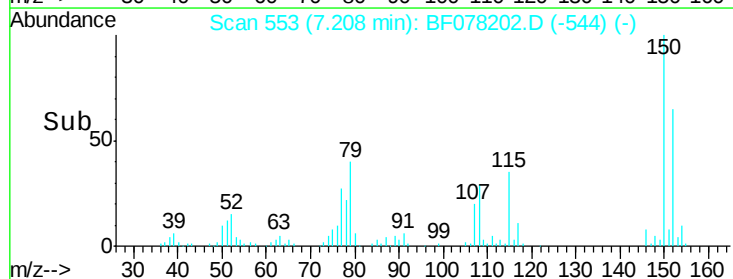
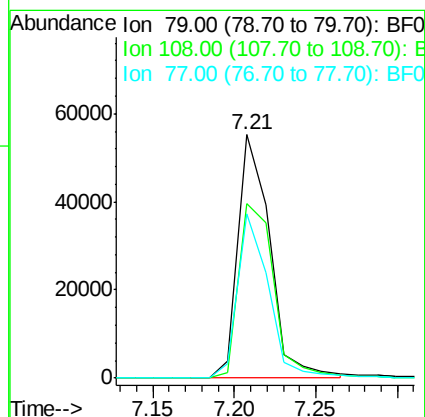
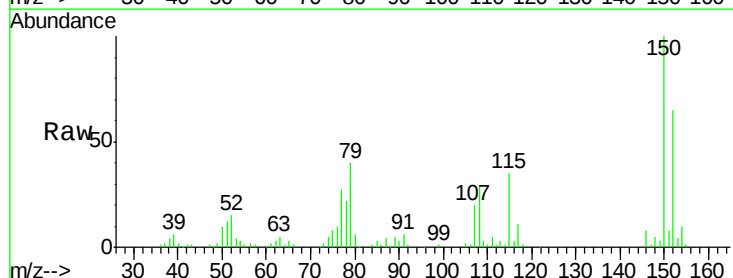
RT: 7.21 min Scan# 553

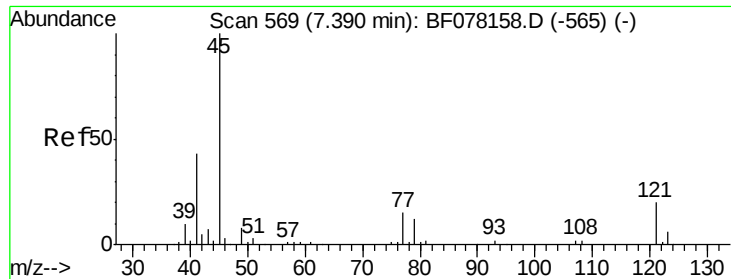
Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	79	Resp:	74687
Ion Ratio	Lower	Upper	
79	100		
108	71.5	57.6	86.4
77	67.4	53.5	80.3





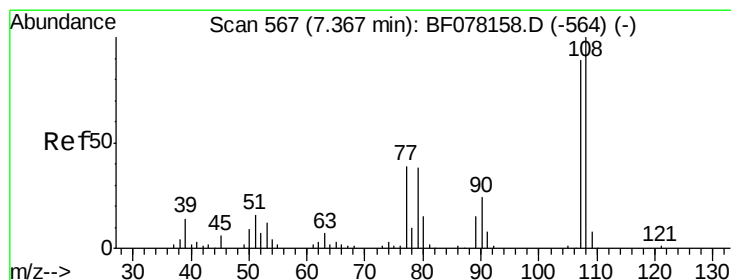
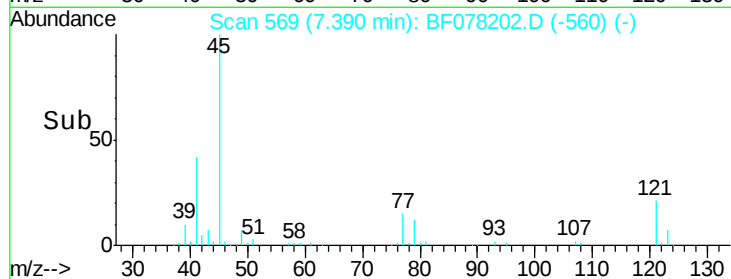
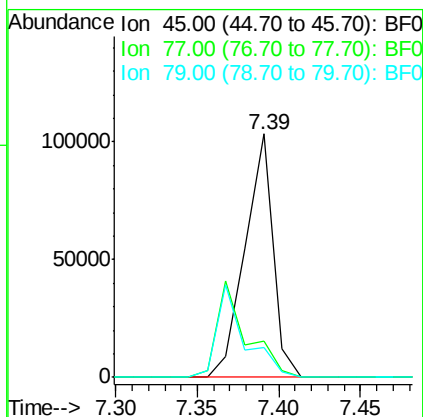
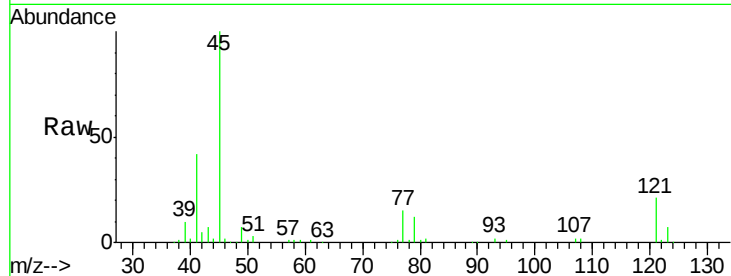
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.58 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100	122951		
77	14.9	0.0	34.5	
79	12.1	0.0	31.9	

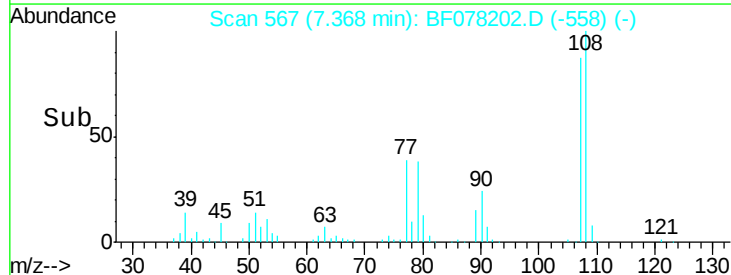
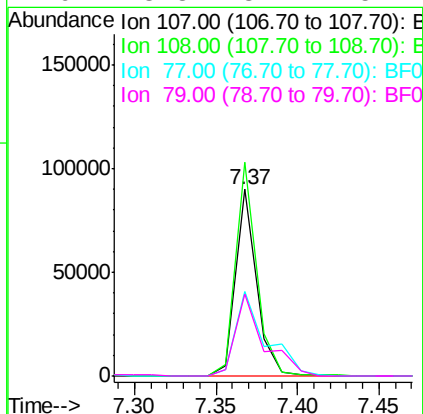
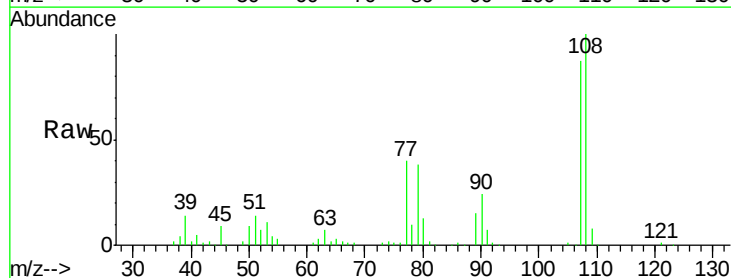
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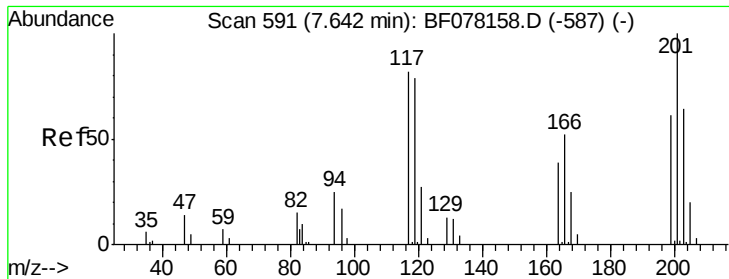
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#17
2-Methylphenol
Concen: 38.11 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	79457		
108	114.7	90.3	135.5	
77	45.4	35.5	53.3	
79	43.8	34.2	51.4	





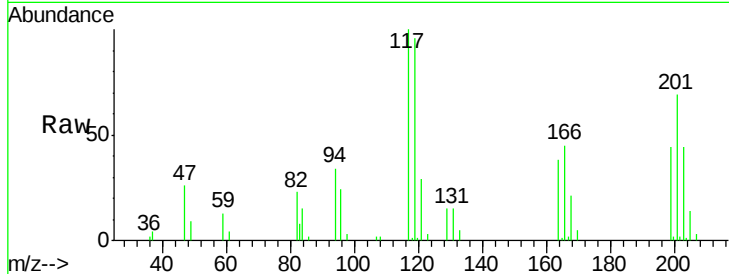
#18
Hexachloroethane
Concen: 35.87 ng
RT: 7.63 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	35922		
119	95.6	77.0	115.6	
201	69.4	98.1	147.1#	

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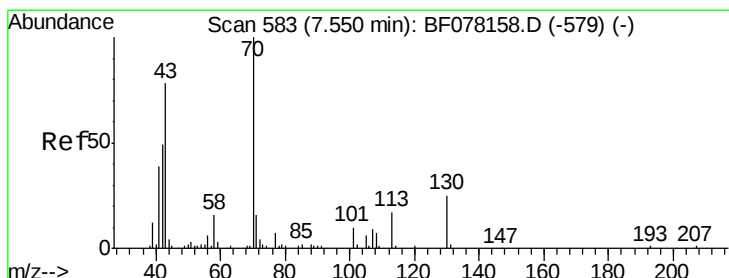
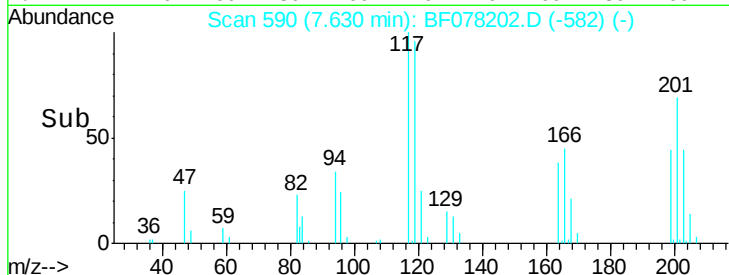
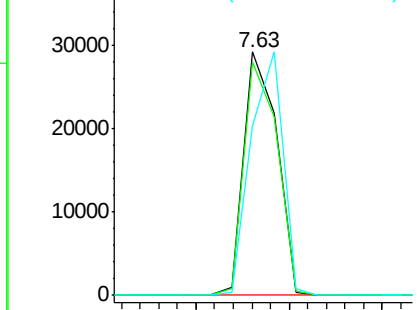


Abundance

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: 34.62 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	65013		
42	58.8	38.9	58.3#	
101	7.6	8.3	12.5#	
130	17.1	19.8	29.8#	

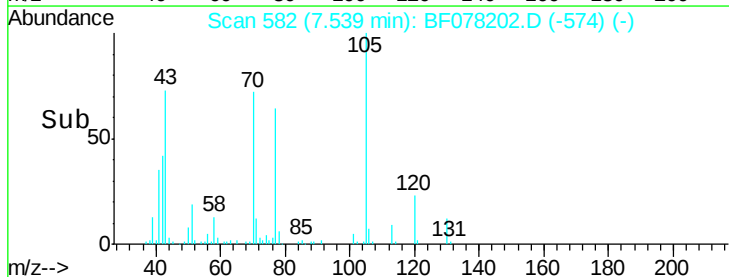
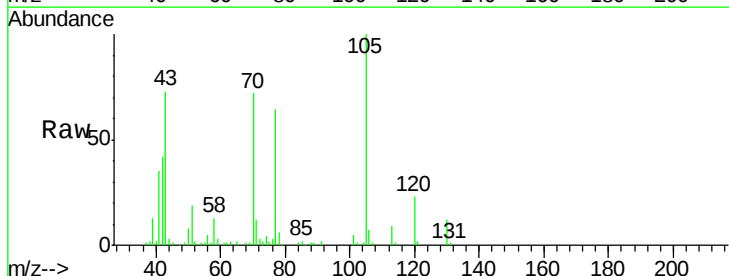
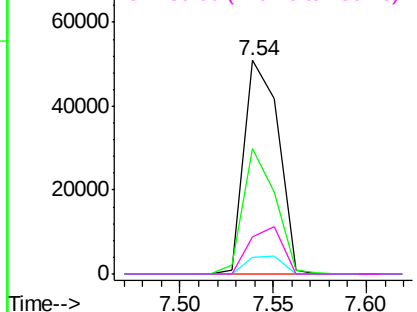
Abundance

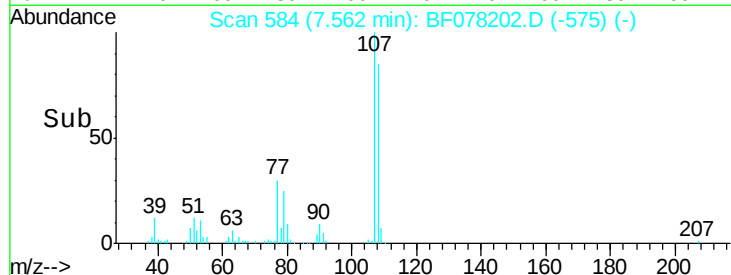
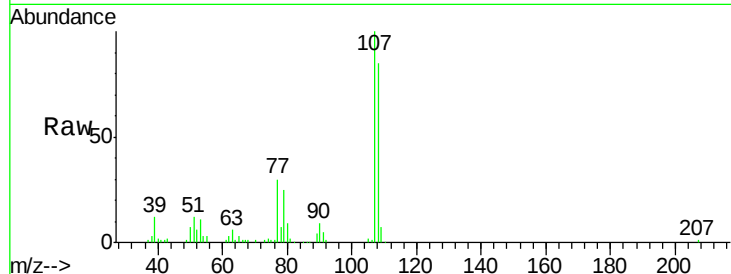
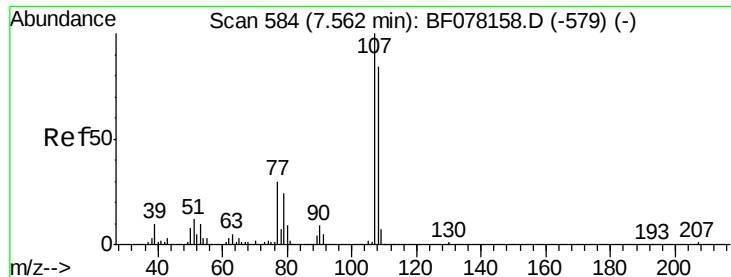
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

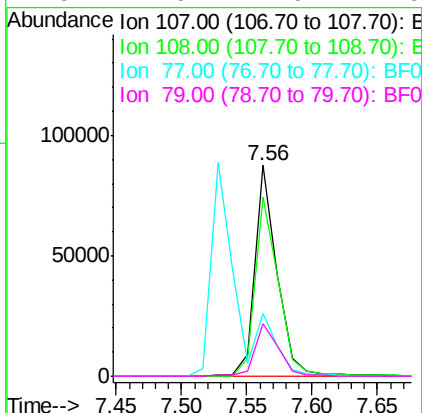
Ion 130.00 (129.70 to 130.70): E





#20
3+4-Methylphenols
Concen: 37.44 ng
RT: 7.56 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

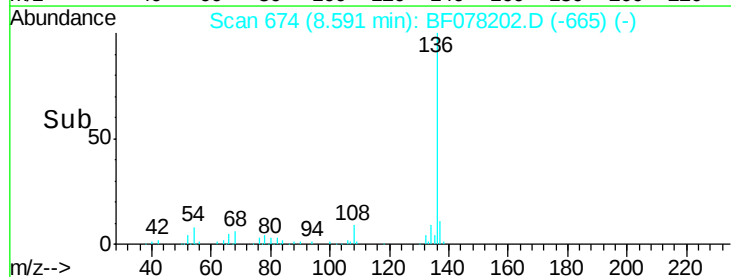
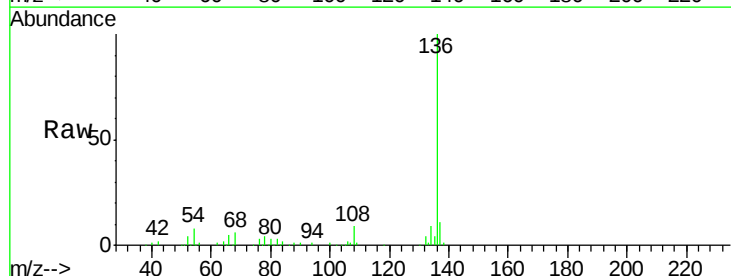
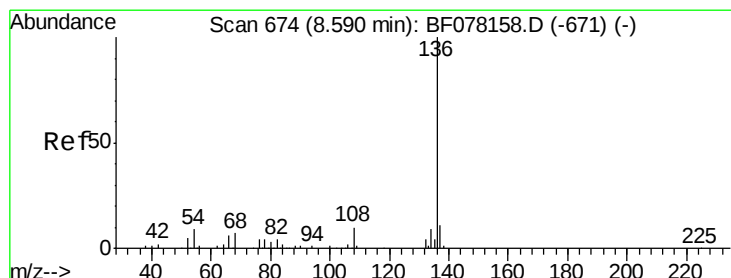
Tot Ion	Ratio	Resp	Lower	Upper
107	100	104147		
108	85.2	64.4	104.4	
77	29.6	9.7	49.7	
79	24.9	4.0	44.0	



Instrument :
BNA_F
ClientSampleId :
PB82420BSD

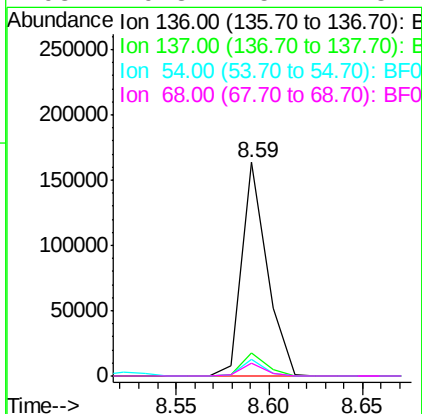
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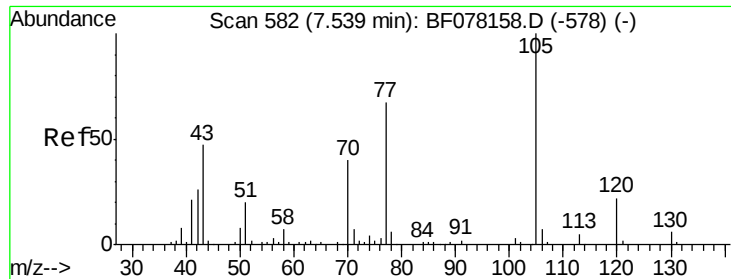
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	153058		
137	10.9	9.0	13.4	
54	7.7	7.0	10.6	
68	6.3	5.4	8.2	





#22

Acetophenone

Concen: 36.56 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

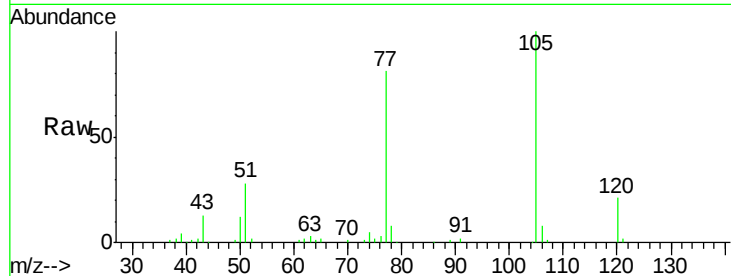
ClientSampleId :

PB82420BSD

Tot Ion:	105	Resp:	130377
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.5	8.3#
51	28.0	16.0	24.0#
120	20.7	17.8	26.6

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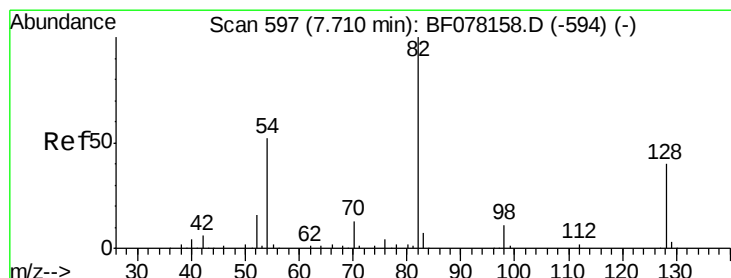
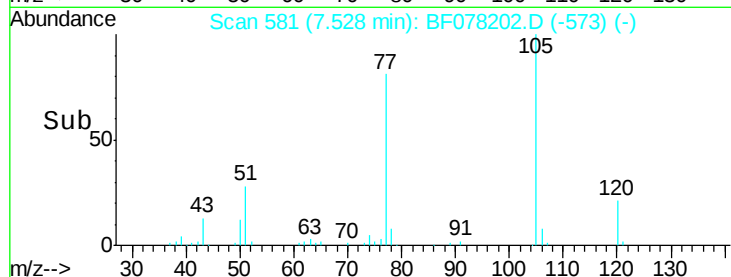
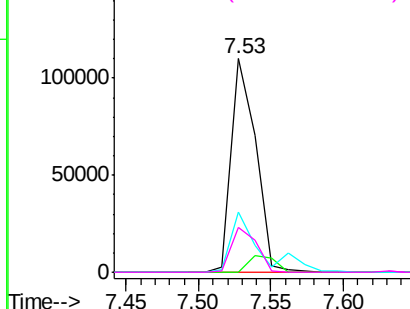


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 75.77 ng

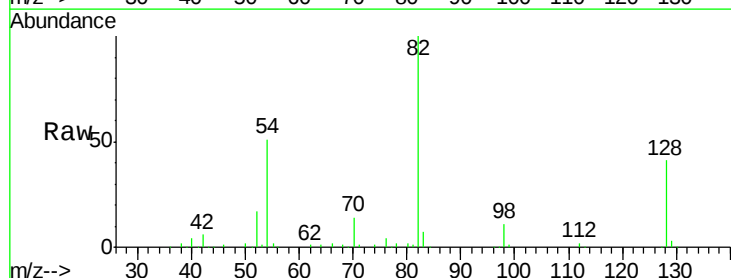
RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

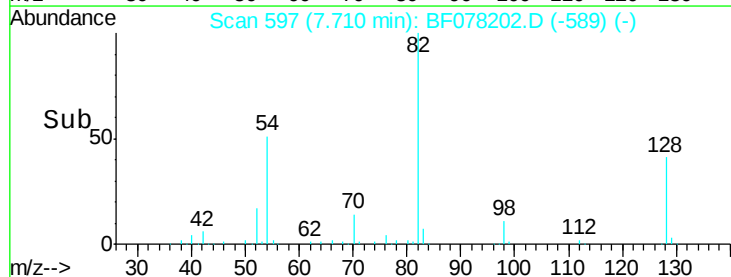
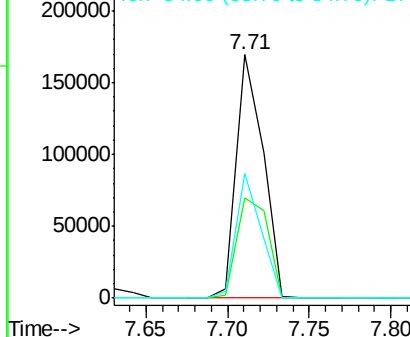
Tgt Ion:	82	Resp:	191326
Ion Ratio	Lower	Upper	
82	100		
128	40.9	31.8	47.8
54	51.2	41.5	62.3

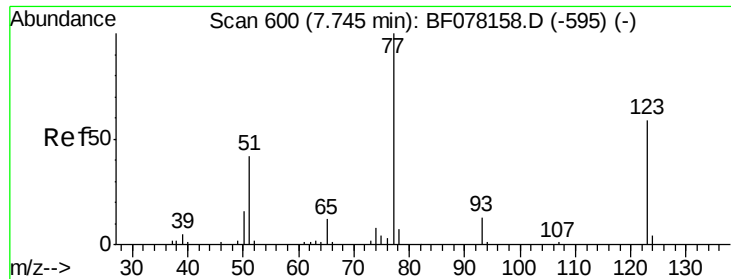


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 35.37 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

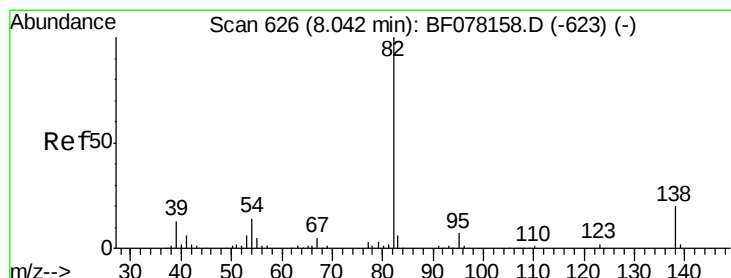
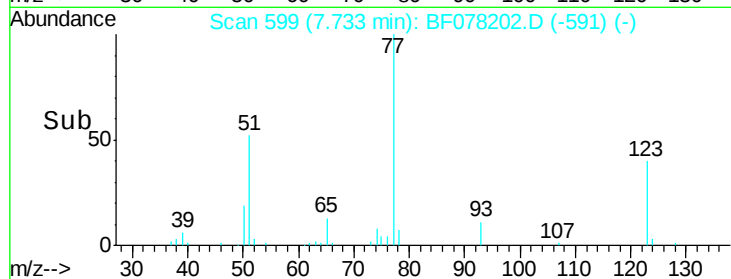
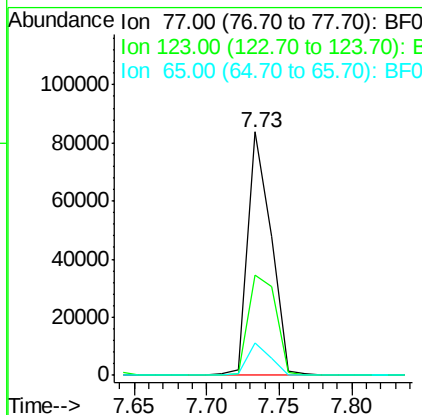
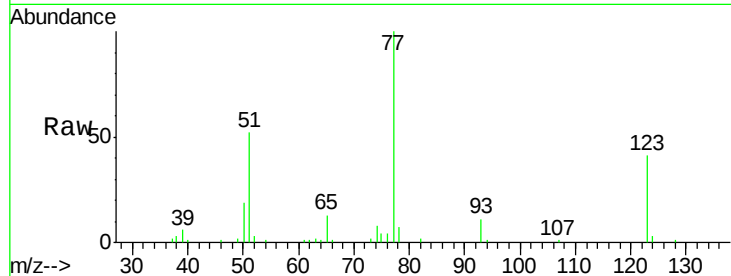
ClientSampleId :

PB82420BSD

Tot Ion:	77	Resp:	93360
Ion Ratio	Lower	Upper	
77	100		
123	40.9	46.9	70.3#
65	13.1	9.5	14.3

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#25

Isophorone

Concen: 36.68 ng

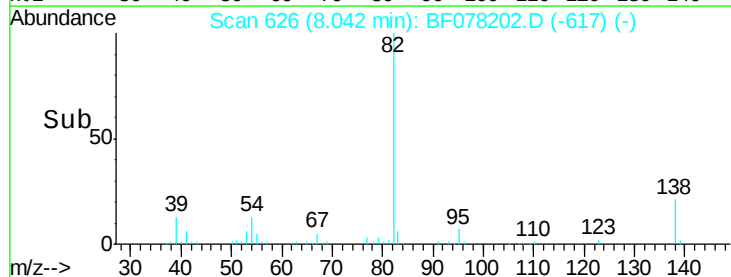
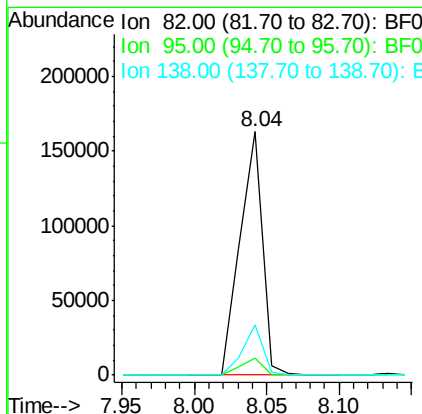
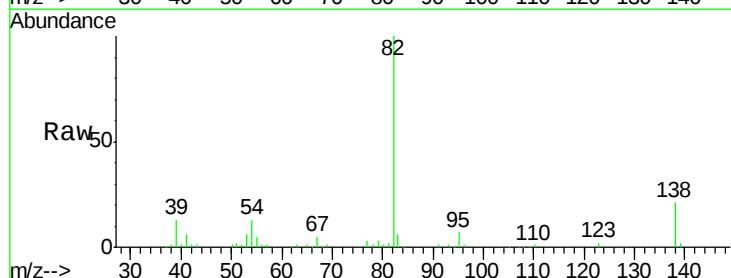
RT: 8.04 min Scan# 626

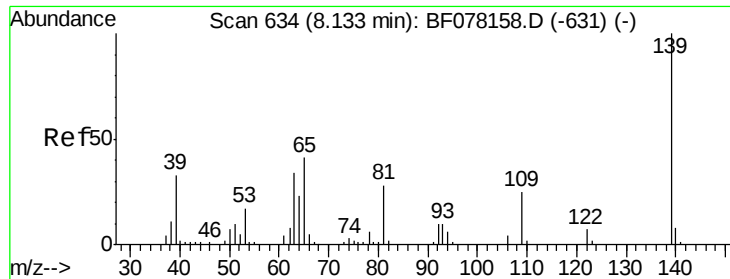
Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	82	Resp:	175785
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	20.6	15.8	23.8





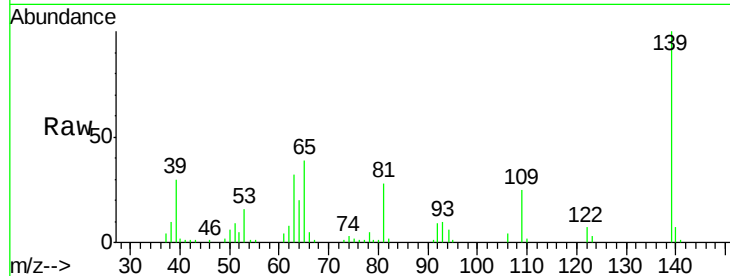
#26
2-Nitrophenol
Concen: 39.11 ng
RT: 8.13 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

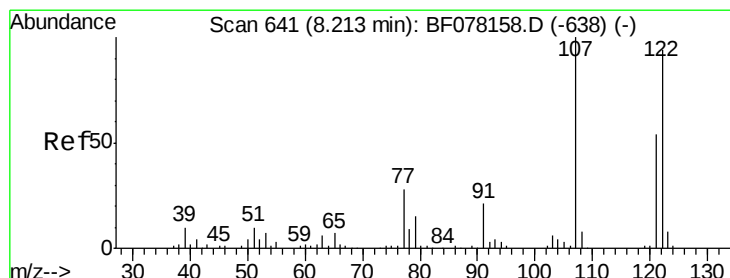
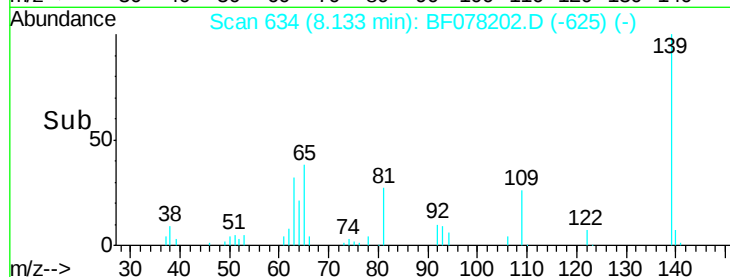
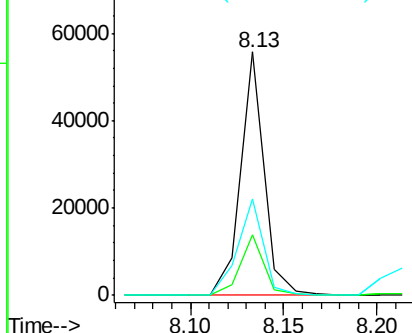
Tot Ion	Ratio	Resp	Lower	Upper
139	100	49201		
109	25.0	19.8	29.8	
65	39.4	32.7	49.1	

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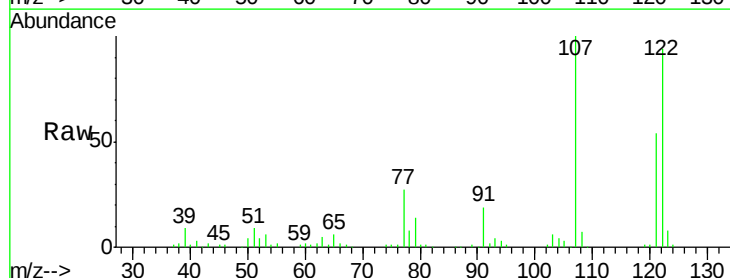


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

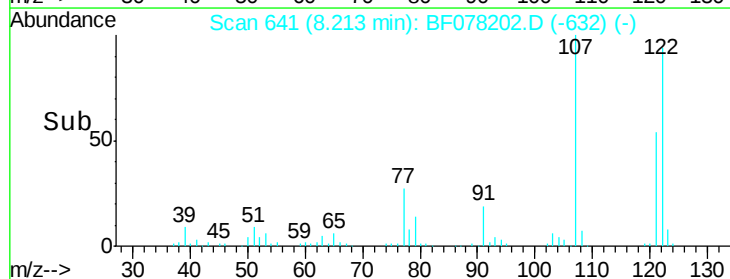
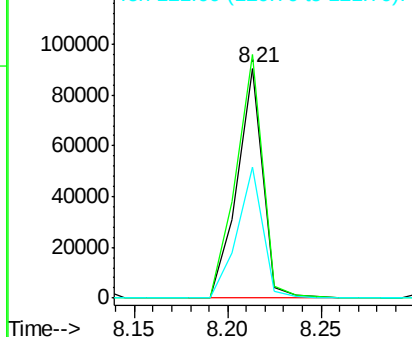


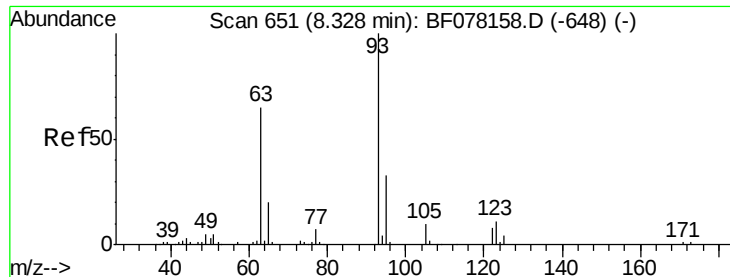
#27
2,4-Dimethylphenol
Concen: 37.34 ng
RT: 8.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	87343		
107	105.9	84.6	127.0	
121	57.1	46.0	69.0	



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





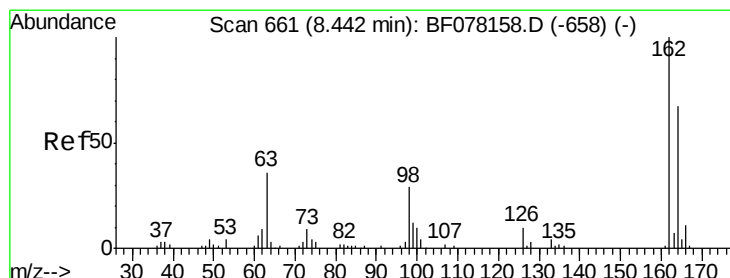
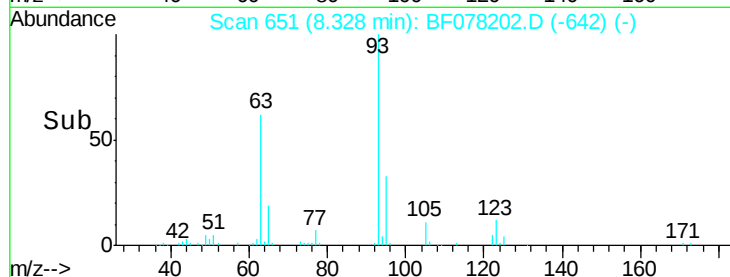
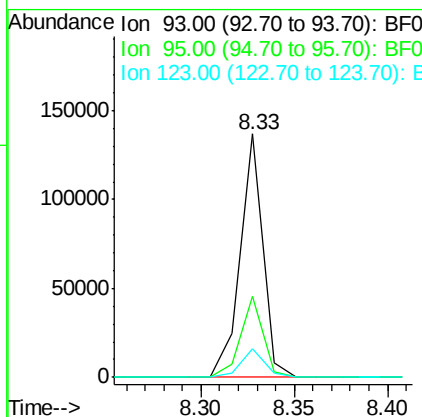
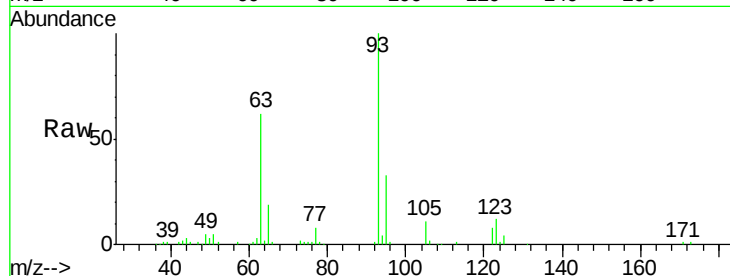
#28
bis(2-Chloroethoxy)methane
Concen: 38.04 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	26.3	39.5	
123	12.0	9.1	13.7	

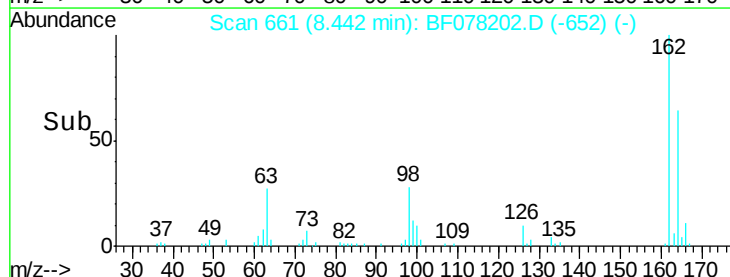
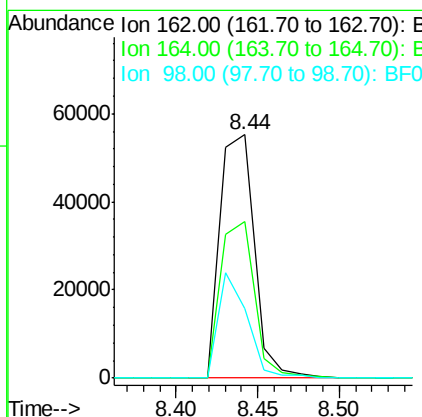
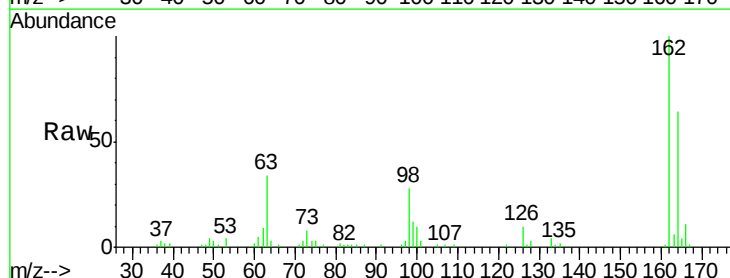
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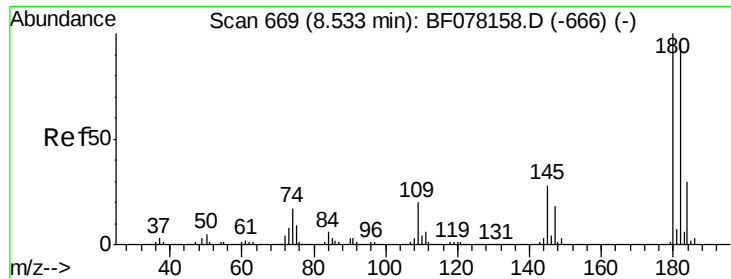
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#29
2,4-Dichlorophenol
Concen: 37.99 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	47.0	87.0	
98	28.4	9.2	49.2	





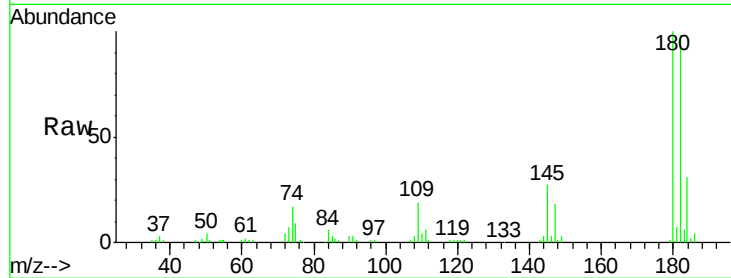
#30
1,2,4-Trichlorobenzene
Concen: 34.42 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

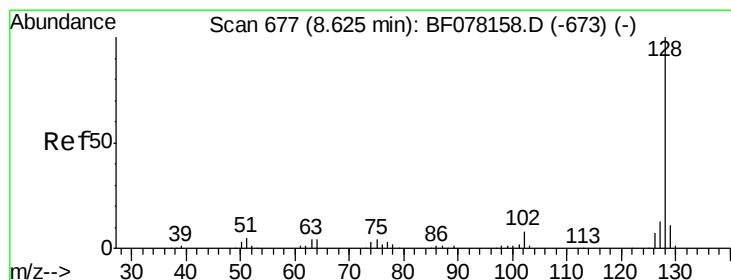
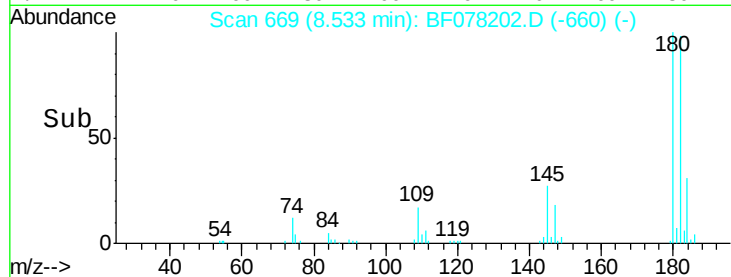
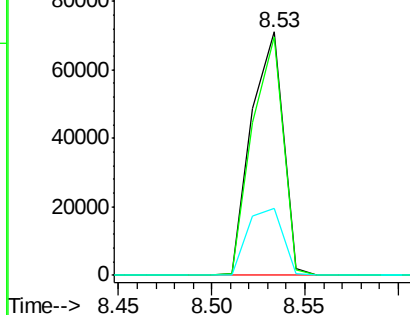
Tot Ion	Ratio	Resp	Lower	Upper
180	100	83996		
182	98.0	76.9	115.3	
145	27.4	22.5	33.7	

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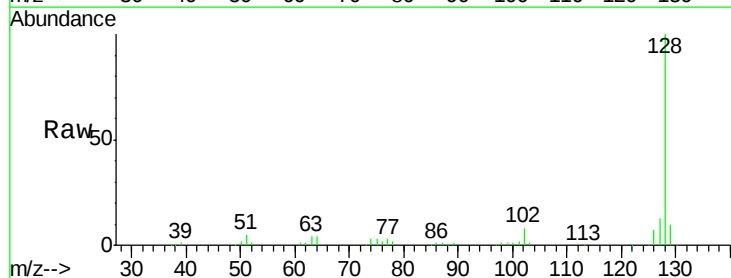


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

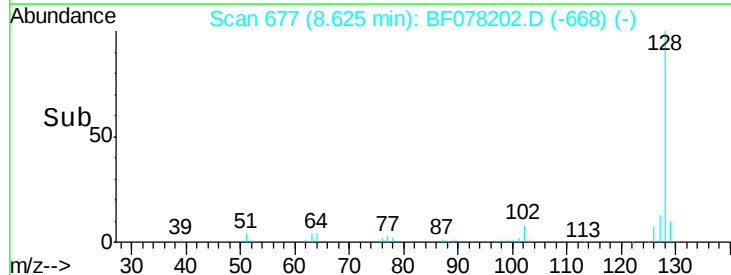
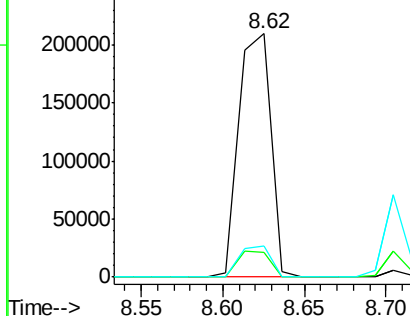


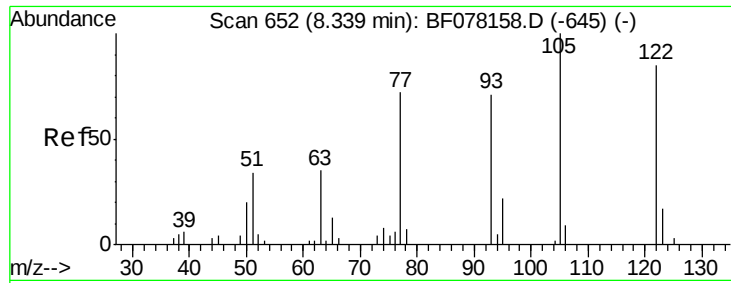
#31
Naphthalene
Concen: 35.66 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	284070		
129	10.3	8.6	12.8	
127	12.7	10.7	16.1	



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 33.03 ng

RT: 8.34 min Scan# 652

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

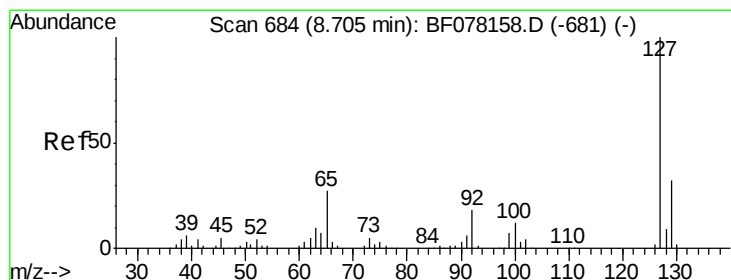
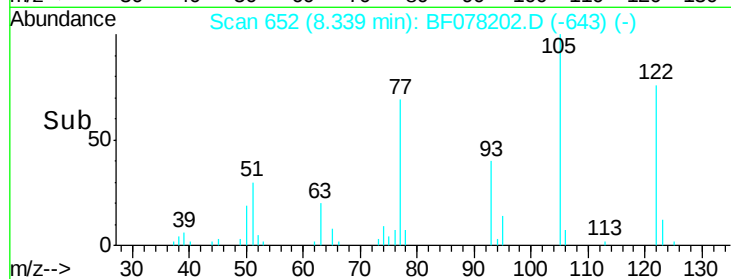
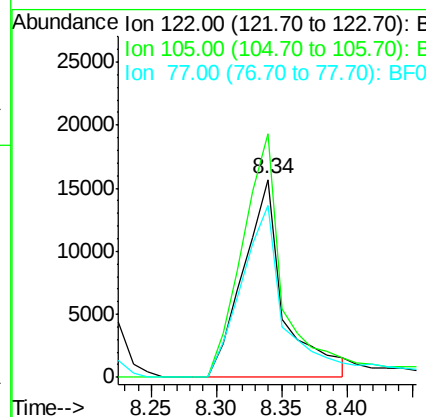
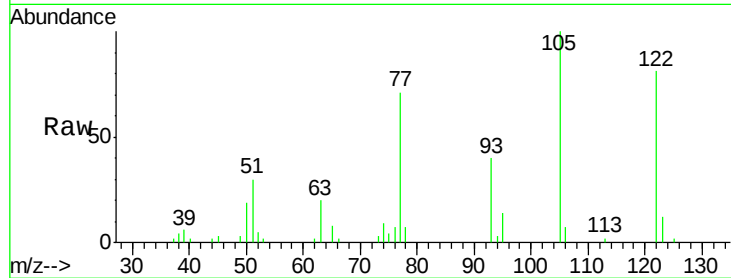
ClientSampleId :

PB82420BSD

Tot Ion:	122	Resp:	34076
Ion Ratio	Lower	Upper	
122	100		
105	123.1	96.1	136.1
77	87.0	64.1	104.1

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#33

4-Chloroaniline

Concen: 20.06 ng

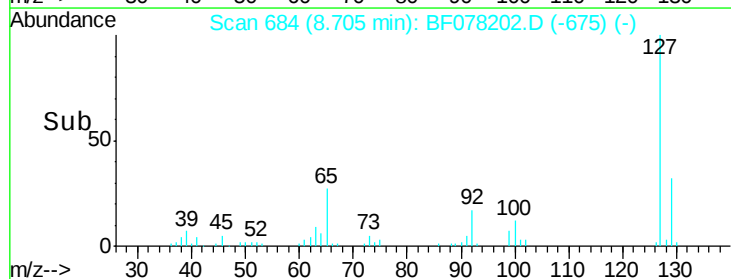
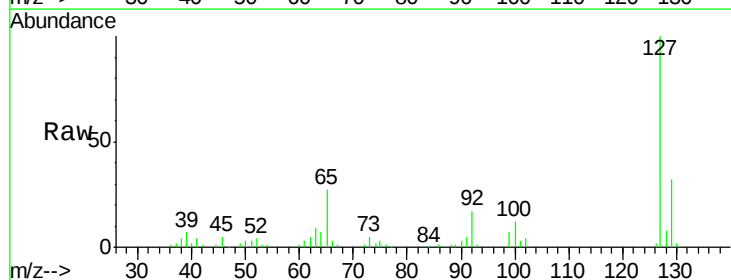
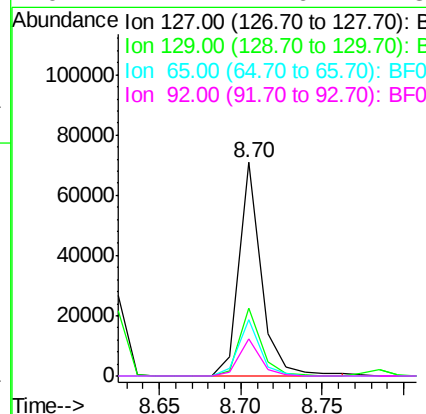
RT: 8.70 min Scan# 684

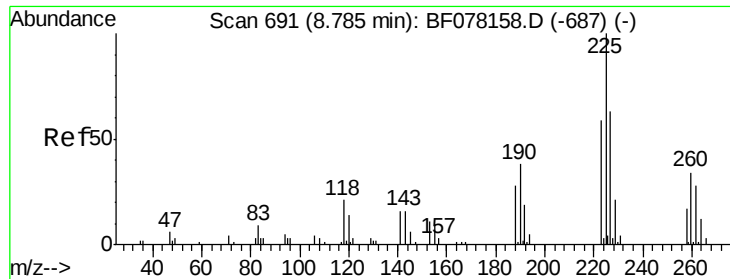
Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	127	Resp:	66316
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.5	38.3
65	26.6	21.7	32.5
92	17.4	14.6	21.8





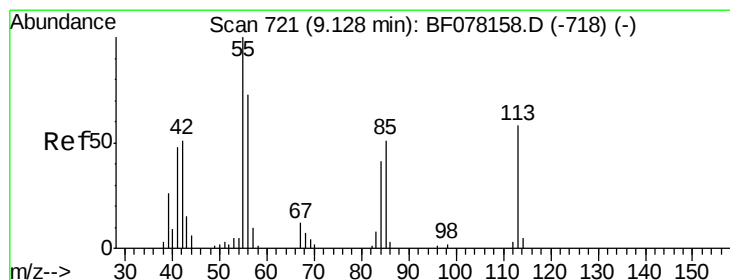
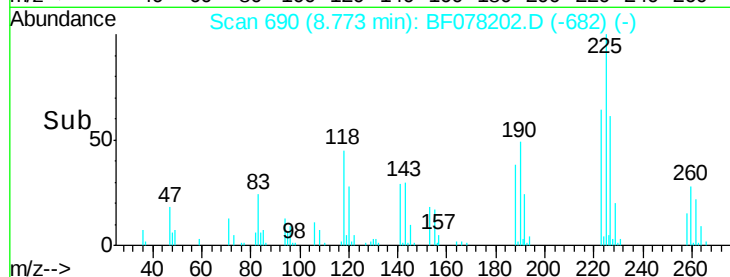
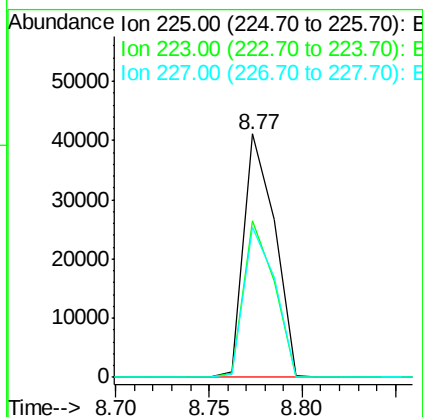
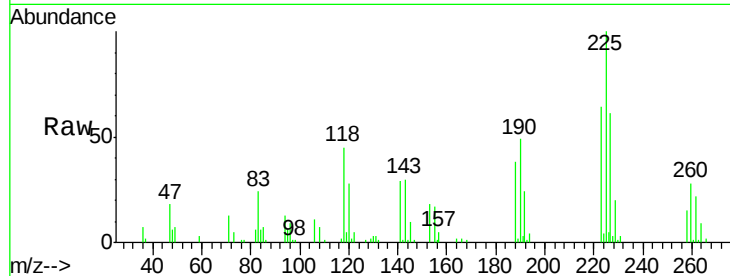
#34
Hexachlorobutadiene
Concen: 35.28 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampled :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.2	47.5	71.3
227	61.4	50.2	75.2

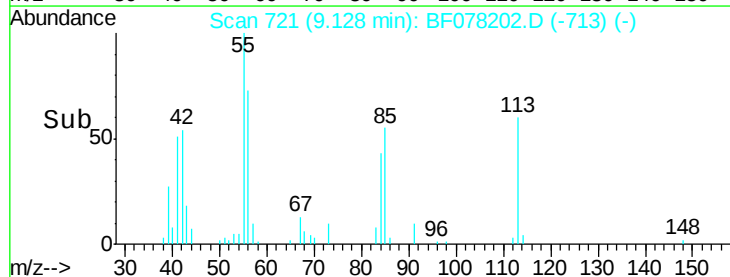
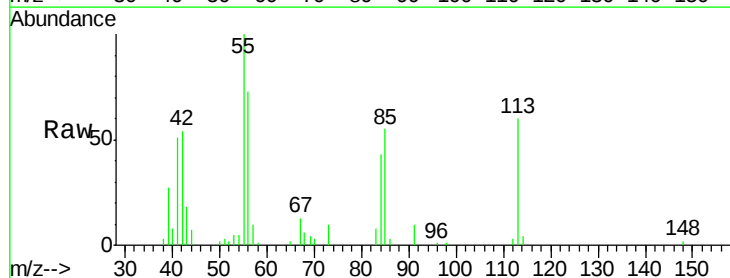
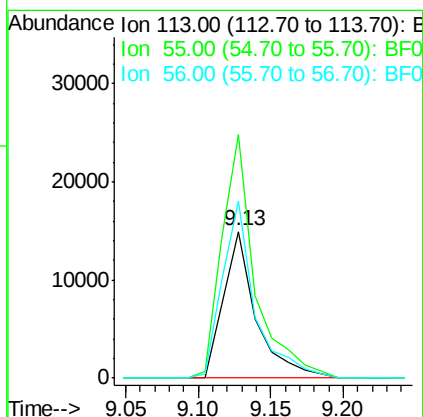
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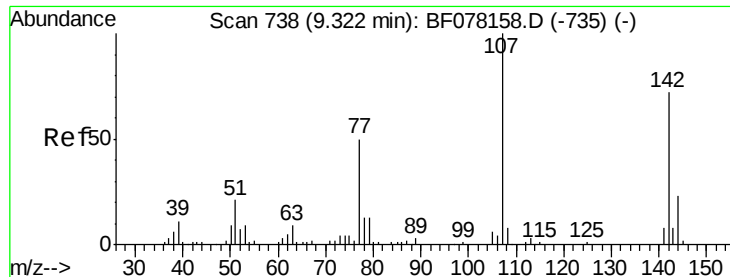
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#35
Caprolactam
Concen: 36.80 ng
RT: 9.13 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.8	151.9	191.9
56	120.7	106.1	146.1





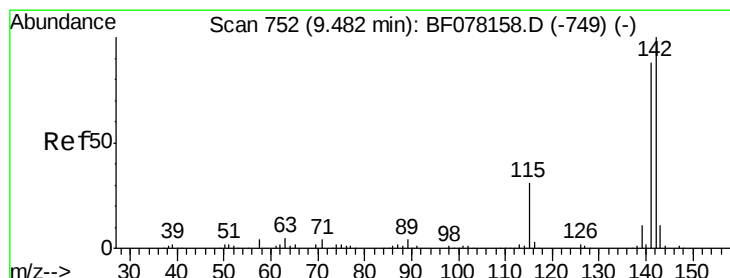
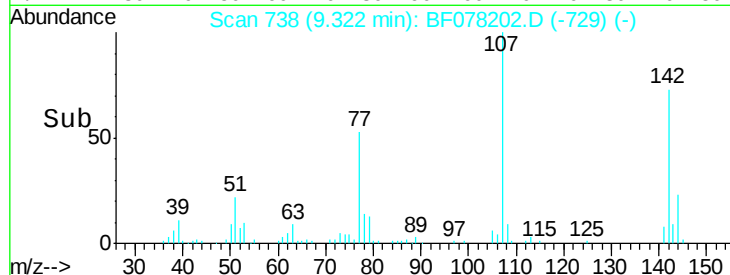
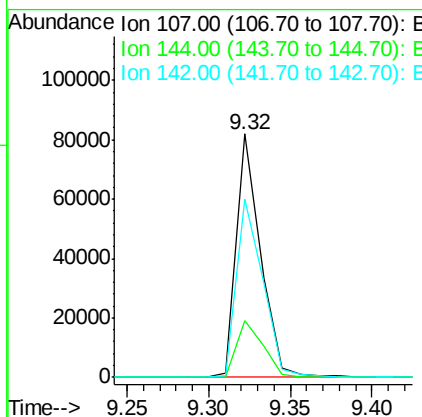
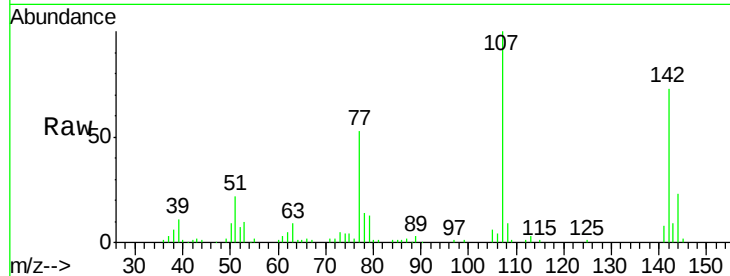
#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleID :
 PB82420BSD

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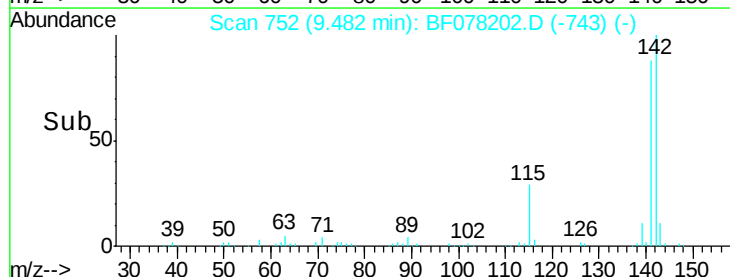
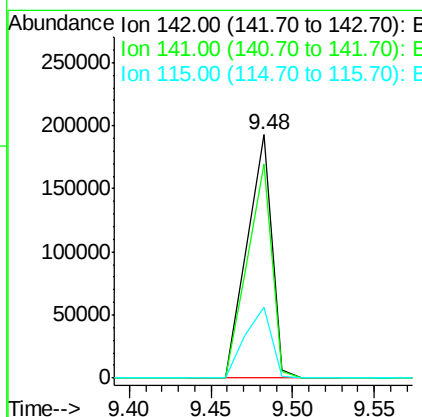
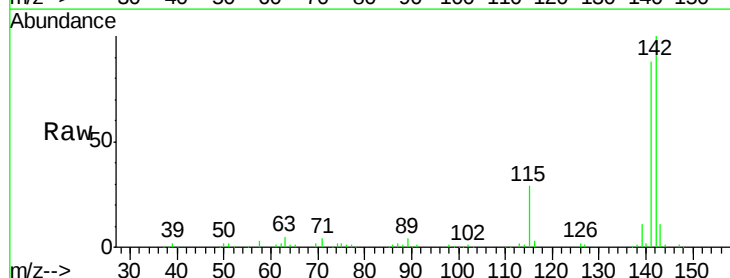
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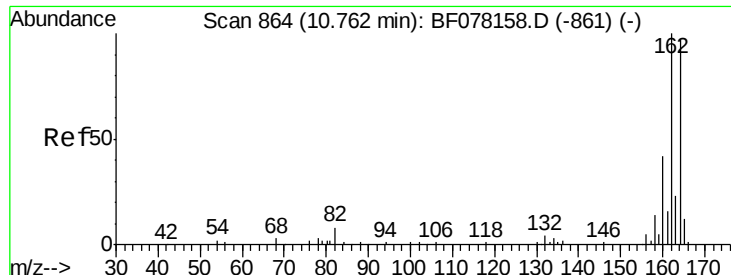
Tot Ion	Ratio	Resp	Lower	Upper
107	100	83588		
144	23.1	18.2	27.2	
142	73.4	58.0	87.0	



#37
 2-Methylnaphthalene
 Concen: 37.54 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	203035		
141	87.8	70.3	105.5	
115	28.8	24.6	37.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampled :

PB82420BSD

Tot Ion:164 Resp: 77345

Ion Ratio Lower Upper

164 100

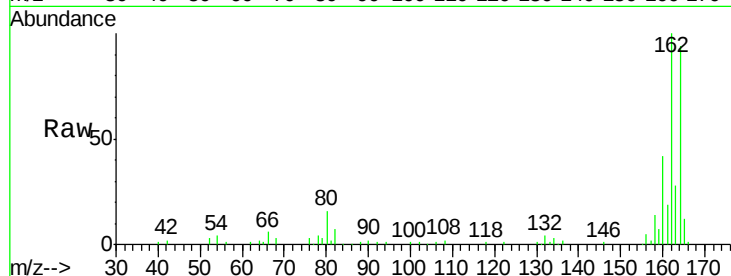
162 106.2 82.2 123.2

160 45.1 34.7 52.1

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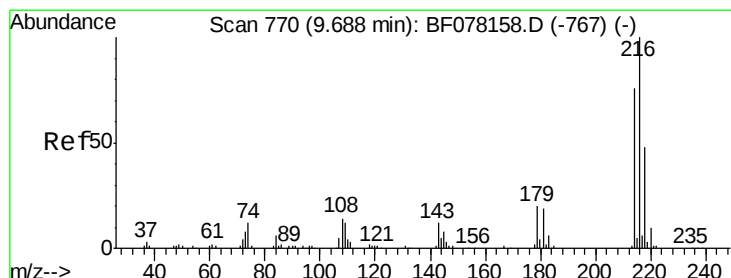
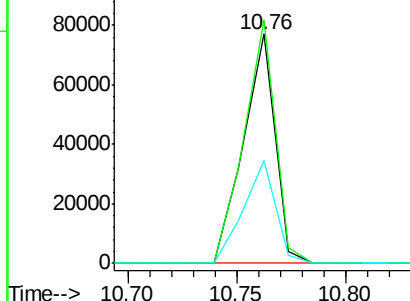
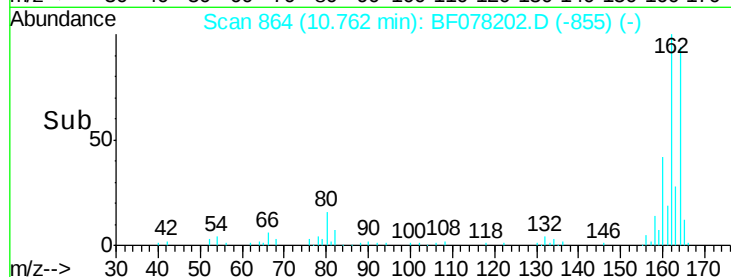
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.70 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:216 Resp: 83161

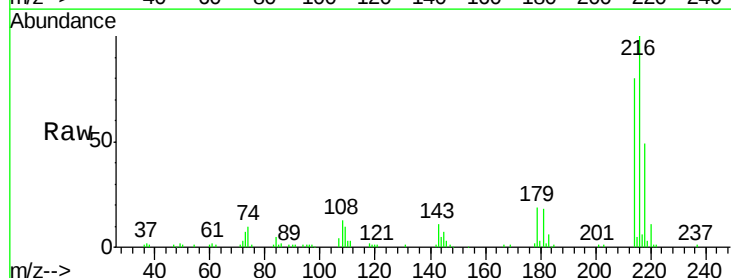
Ion Ratio Lower Upper

216 100

214 79.7 62.0 93.0

179 21.6 17.3 25.9

108 20.8 14.6 21.8

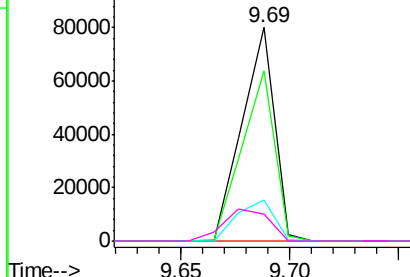
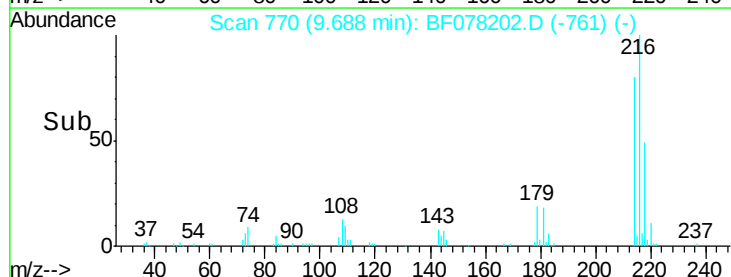


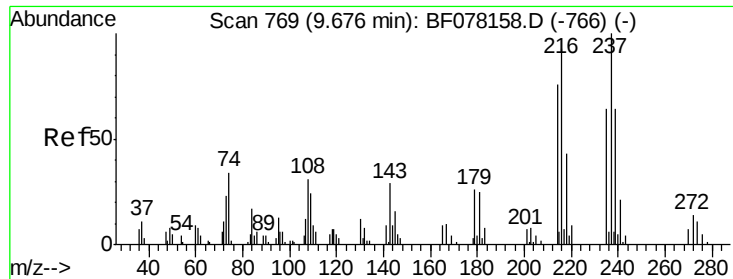
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





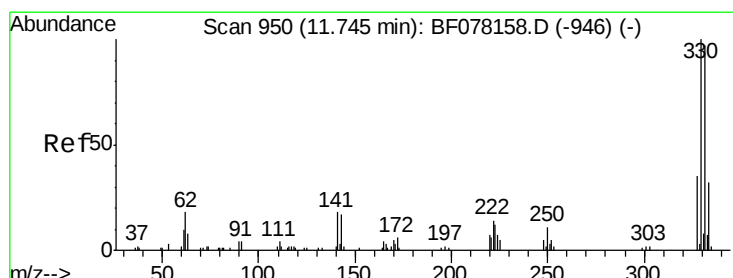
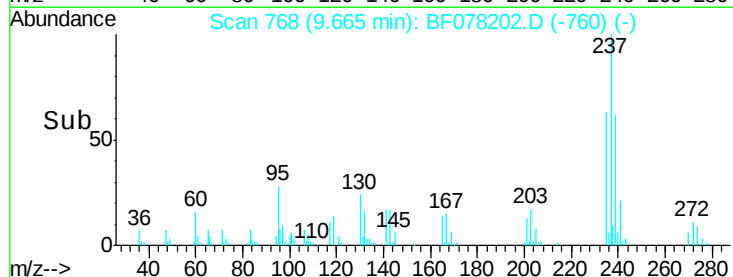
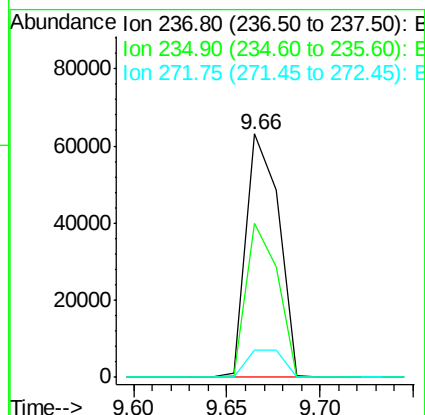
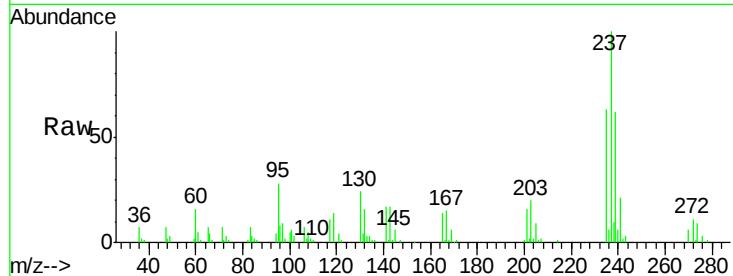
#40
Hexachlorocyclopentadiene
Concen: 75.69 ng
RT: 9.66 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.0	44.1	84.1	
272	11.1	0.0	34.4	

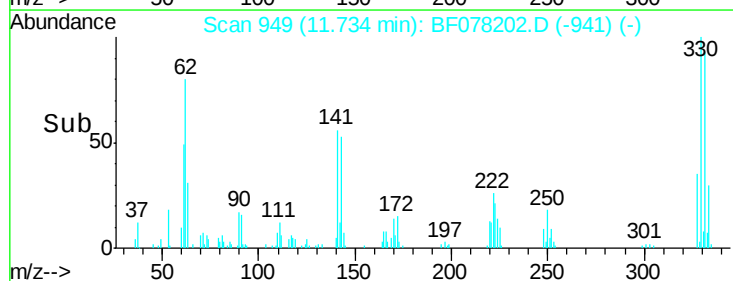
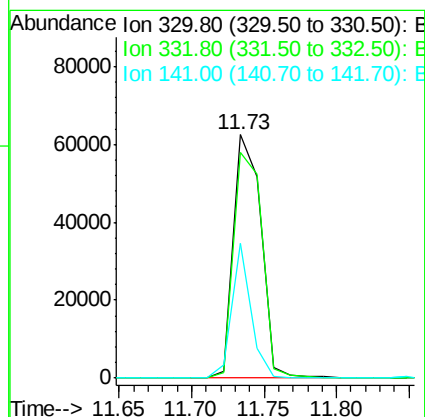
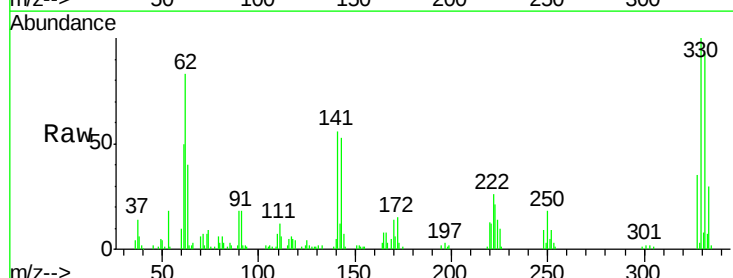
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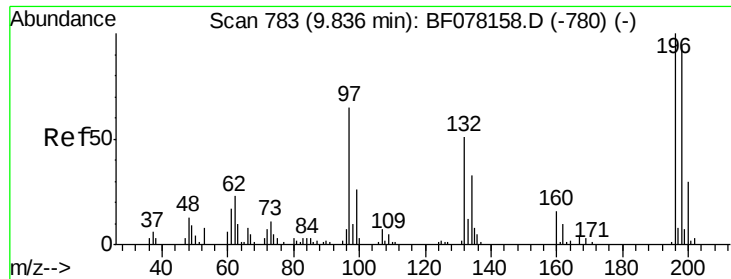
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#41
2,4,6-Tribromophenol
Concen: 128.62 ng
RT: 11.73 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	78.6	117.8	
141	38.6	31.2	46.8	





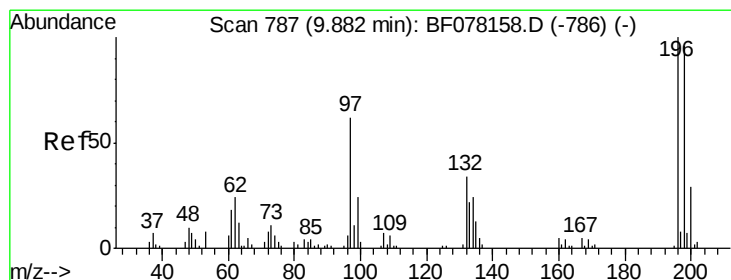
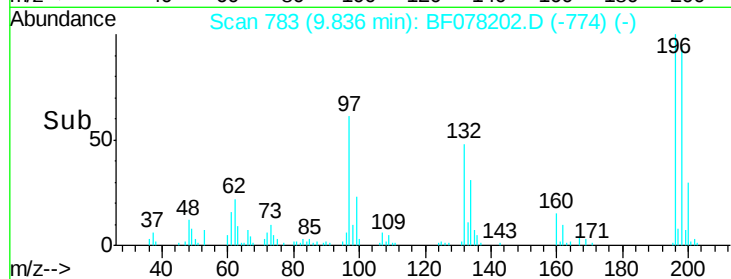
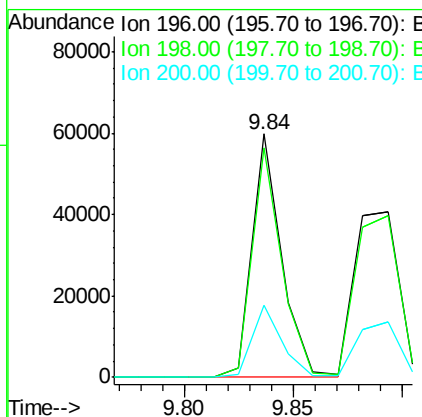
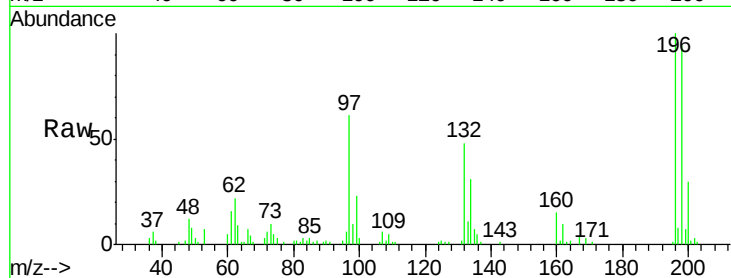
#42
 2,4,6-Trichlorophenol
 Concen: 37.45 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Manual Integrations
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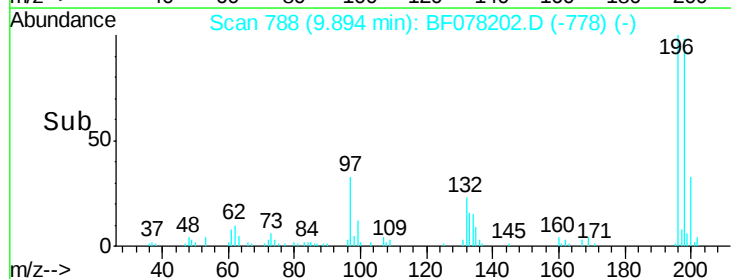
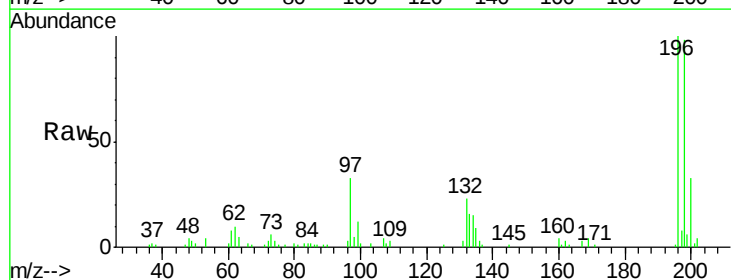
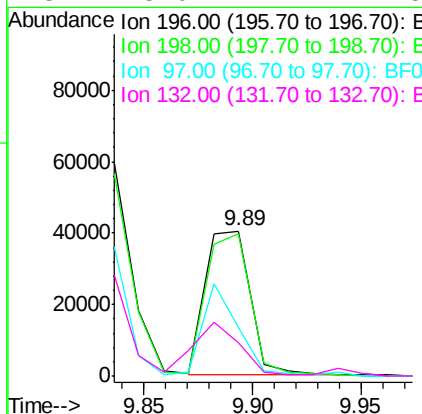
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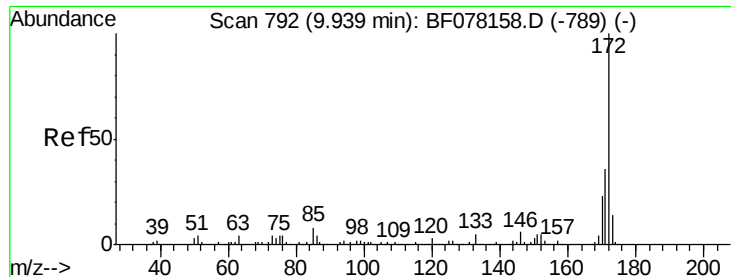
Tot Ion	Ratio	Resp	Lower	Upper
196	100	56596		
198	94.4	75.4	113.2	
200	29.7	24.0	36.0	



#43
 2,4,5-Trichlorophenol
 Concen: 36.71 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	57968		
198	97.9	76.6	115.0	
97	33.1	50.6	75.8#	
132	23.0	27.7	41.5#	





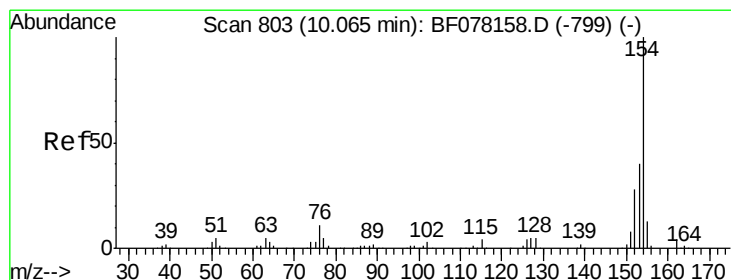
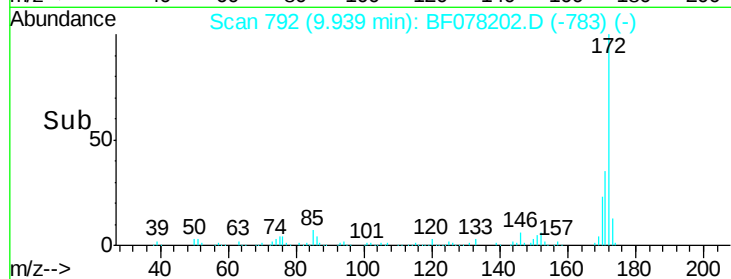
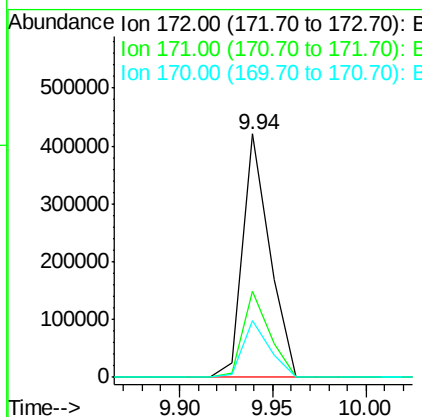
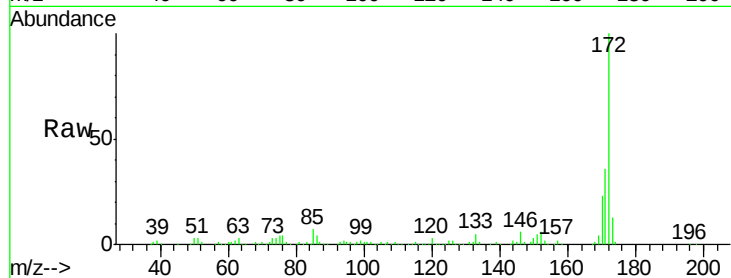
#44
2-Fluorobiphenyl
Concen: 77.92 ng
RT: 9.94 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

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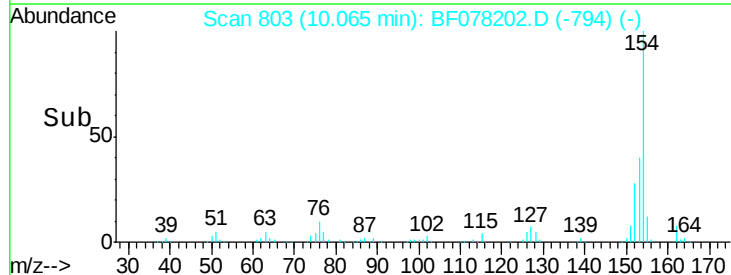
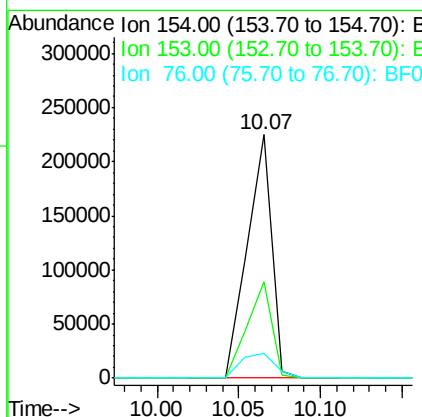
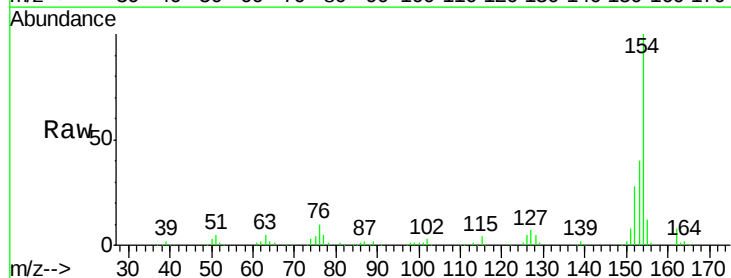
apatel
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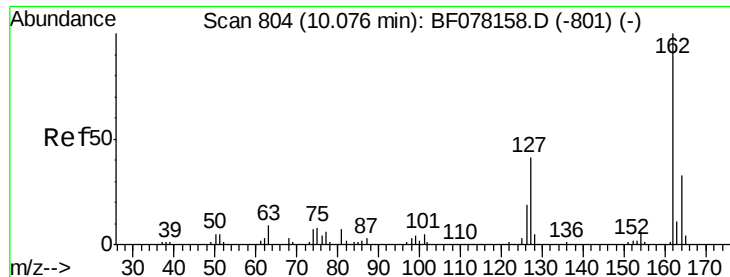
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.5	18.5	27.7



#45
1,1'-Biphenyl
Concen: 36.91 ng
RT: 10.07 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.0	60.0
76	10.3	0.0	30.6





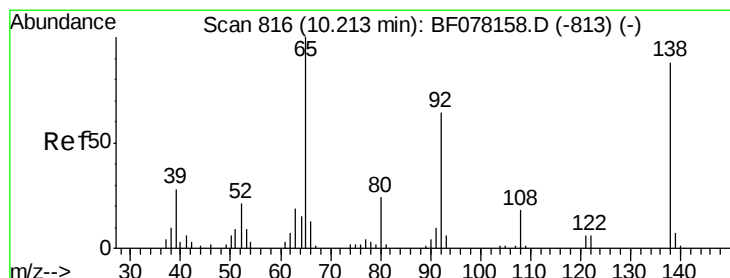
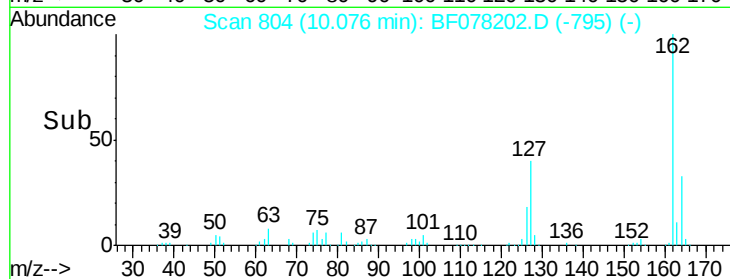
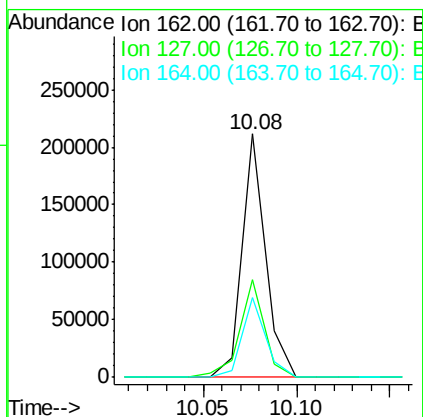
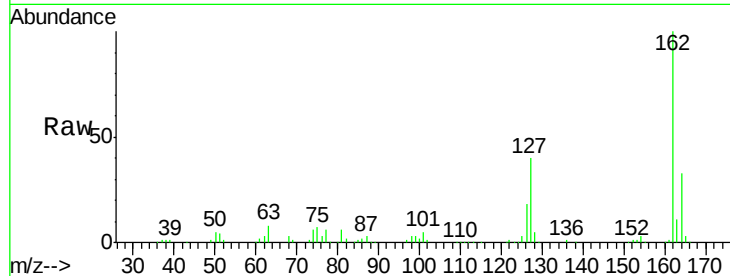
#46
2-Chloronaphthalene
Concen: 37.19 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	185136		
127	40.2	32.6	49.0	
164	33.0	26.0	39.0	

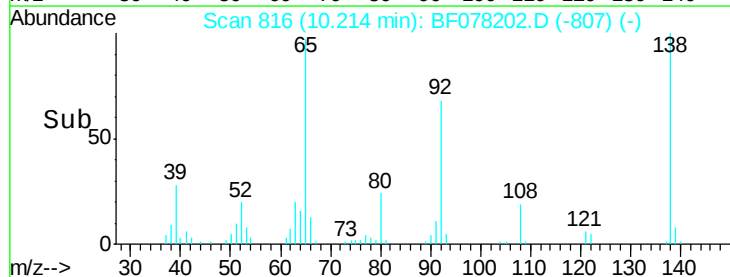
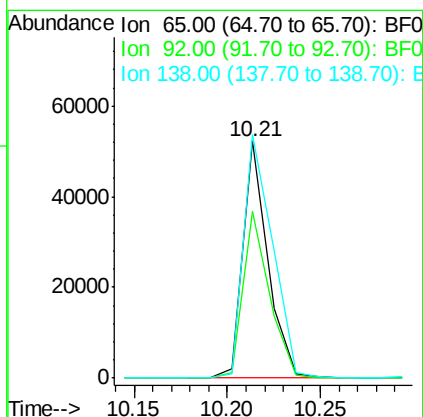
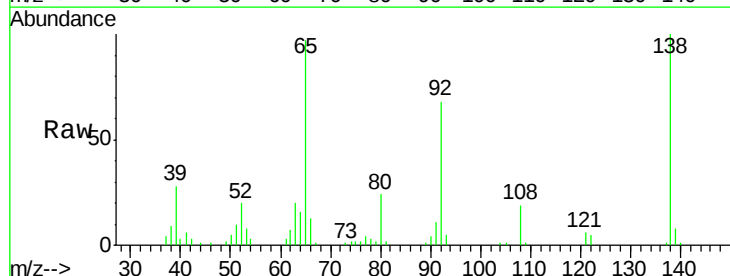
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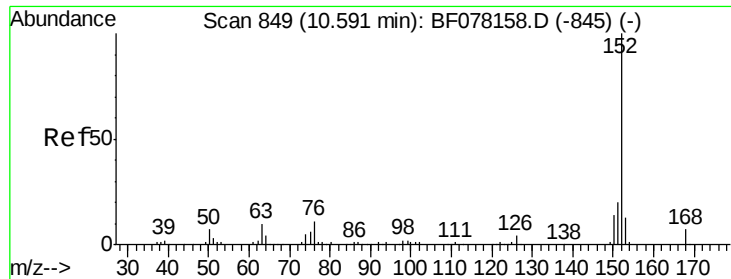
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#47
2-Nitroaniline
Concen: 39.42 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	48543		
92	70.3	51.3	76.9	
138	102.8	70.4	105.6	





#48

Acenaphthylene

Concen: 36.11 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

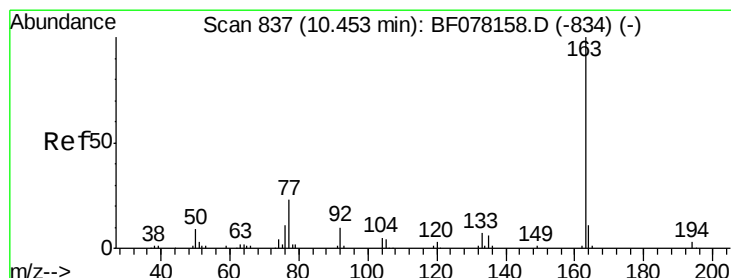
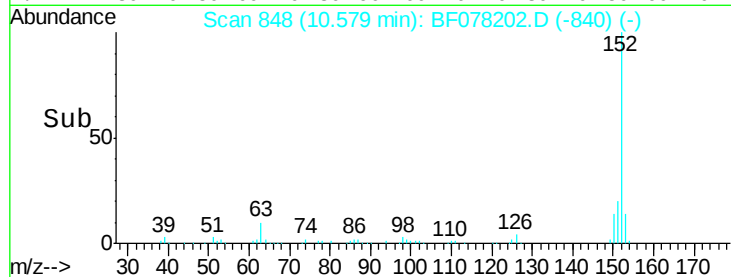
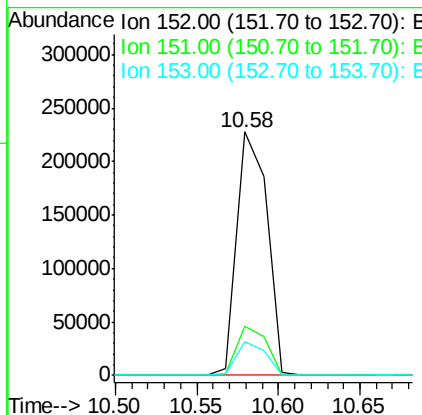
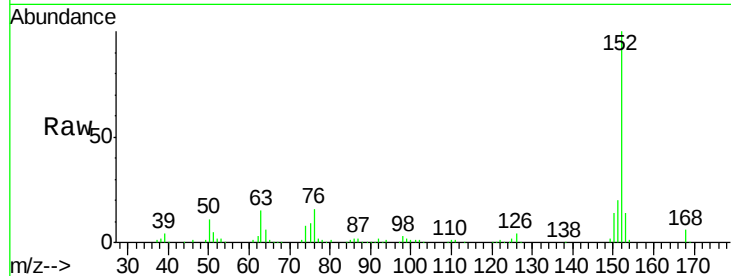
ClientSampleId :

PB82420BSD

Tot Ion:	152	Resp:	290284
Ion Ratio		Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.7	10.2	15.2

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#49

Dimethylphthalate

Concen: 35.73 ng

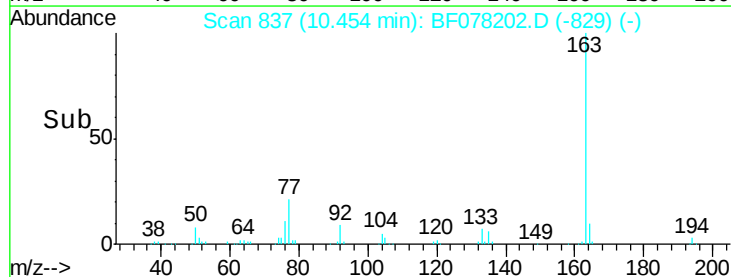
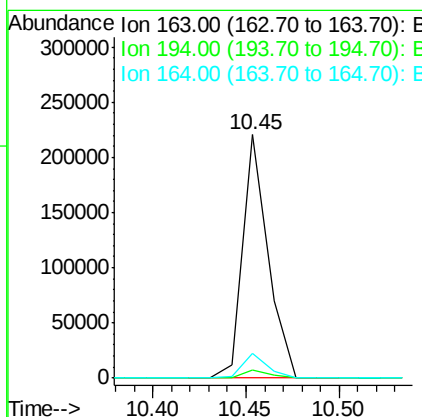
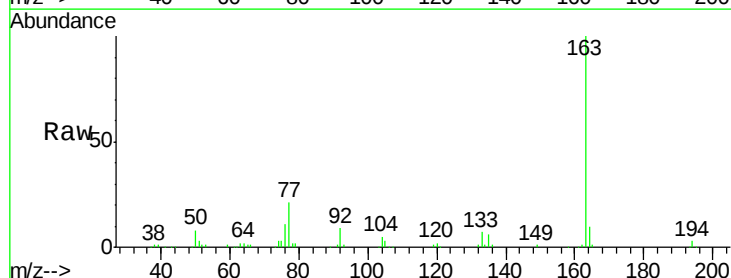
RT: 10.45 min Scan# 837

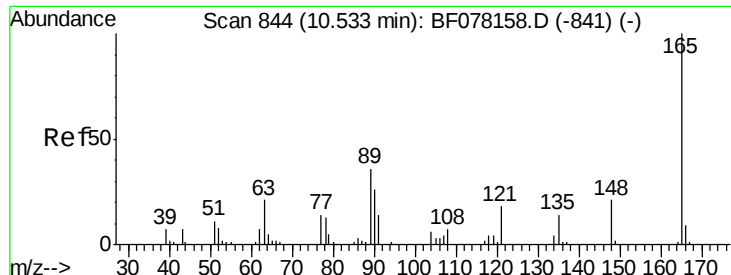
Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	163	Resp:	207627
Ion Ratio		Lower	Upper
163	100		
194	3.1	2.3	3.5
164	10.0	8.6	13.0





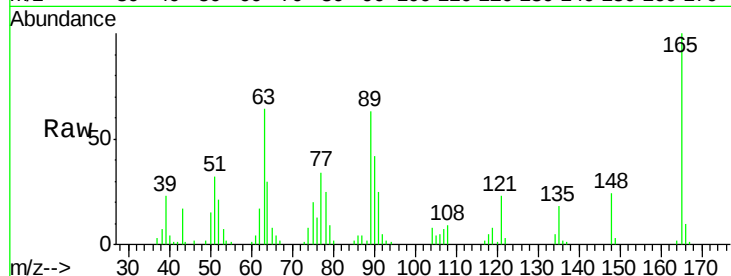
#50
 2,6-Dinitrotoluene
 Concen: 38.03 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

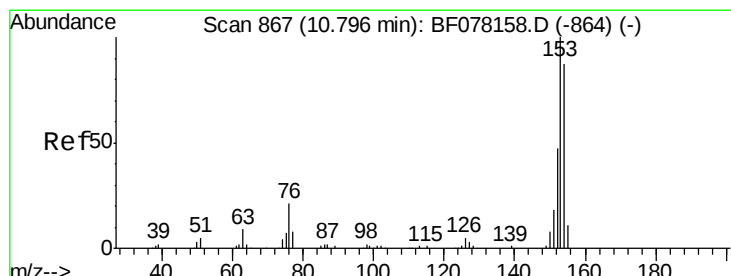
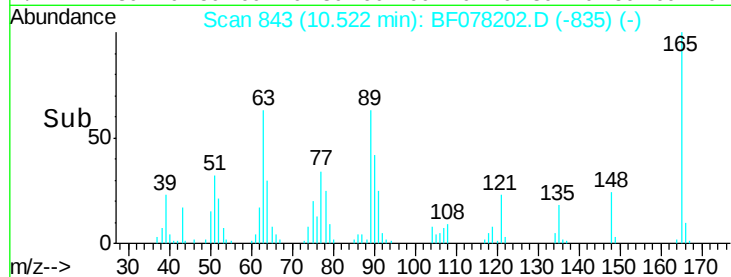
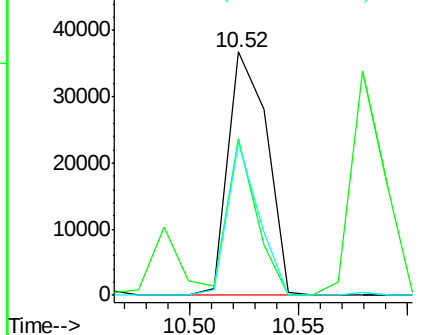
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	64.1	24.1	36.1#
89	62.6	28.9	43.3#

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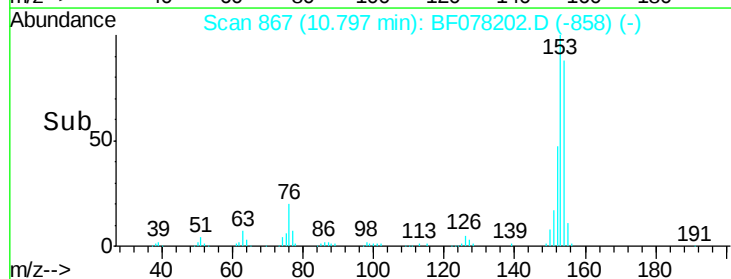
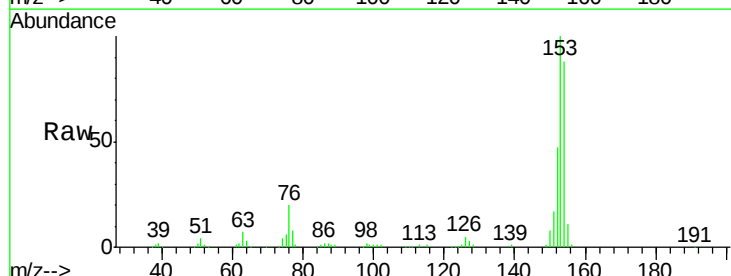
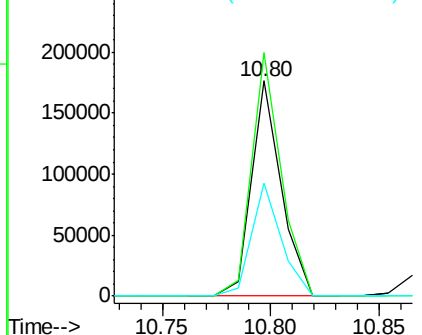
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

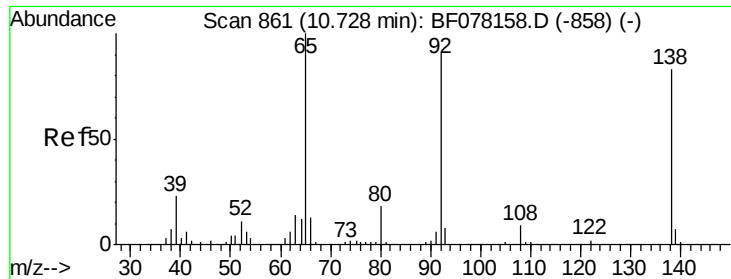


#51
 Acenaphthene
 Concen: 36.87 ng
 RT: 10.80 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.3	91.4	137.2
152	52.7	43.0	64.6

Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





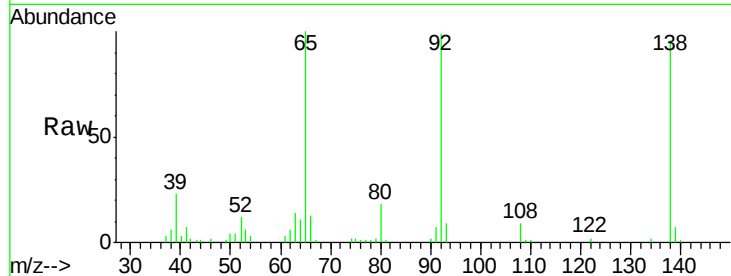
#52
3-Nitroaniline
Concen: 28.71 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

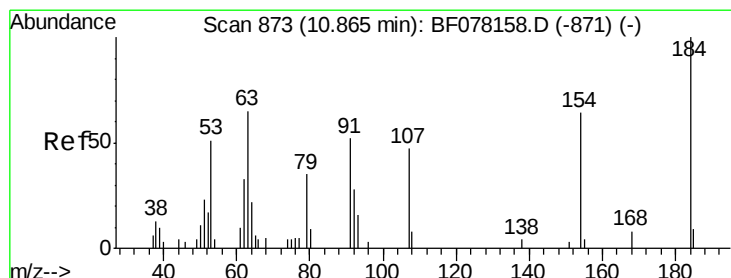
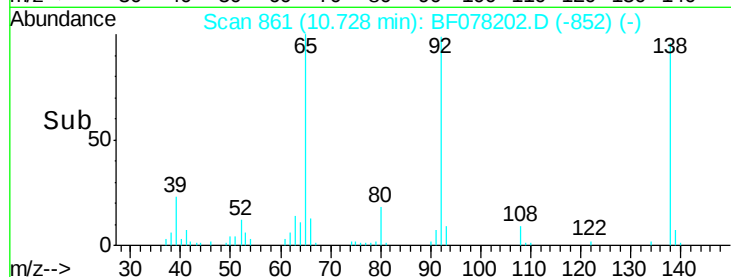
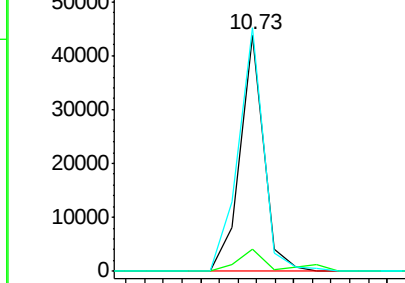
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	8.2	12.4
92	102.9	88.4	132.6

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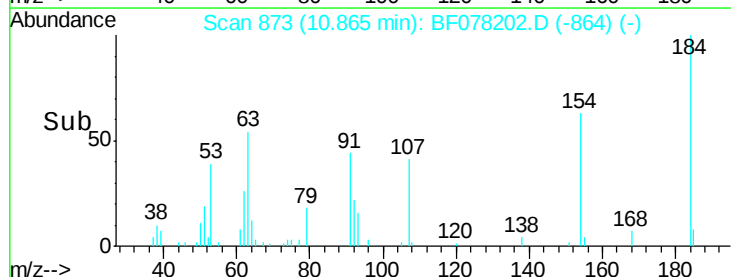
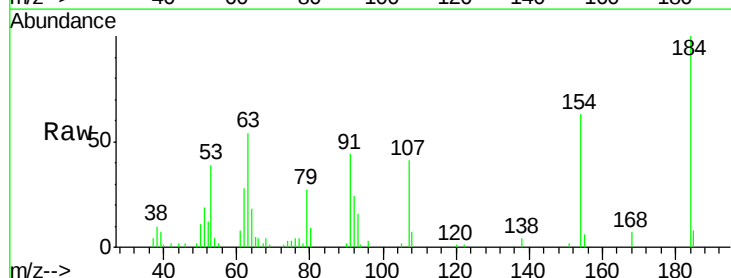
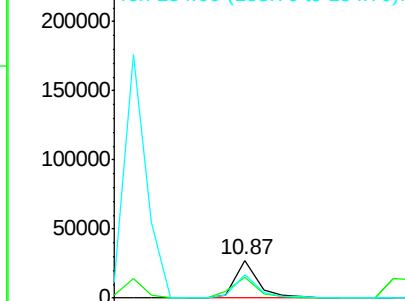
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

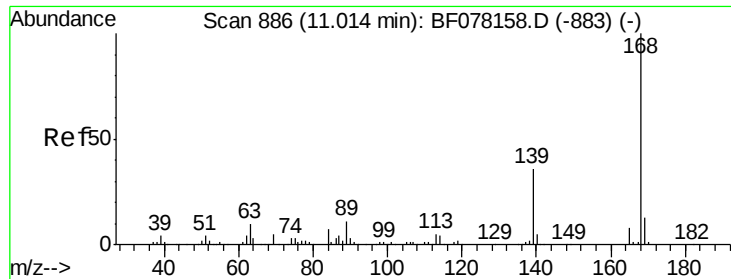


#53
2,4-Dinitrophenol
Concen: 65.60 ng
RT: 10.87 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.1	51.9	77.9
154	62.9	51.0	76.4

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





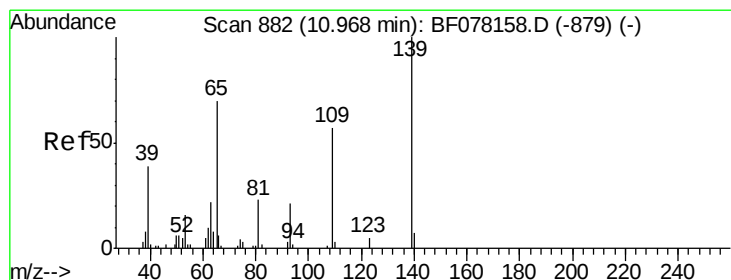
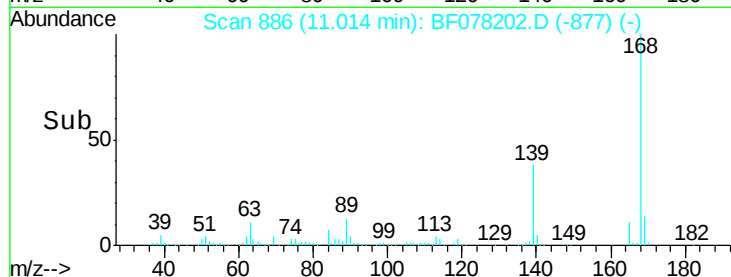
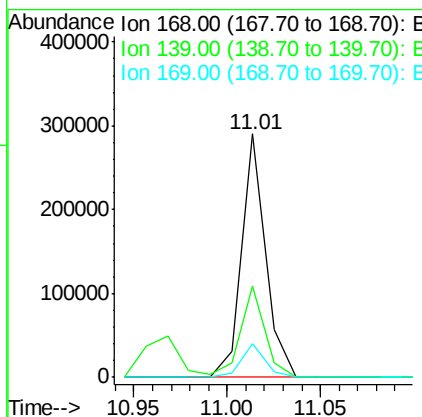
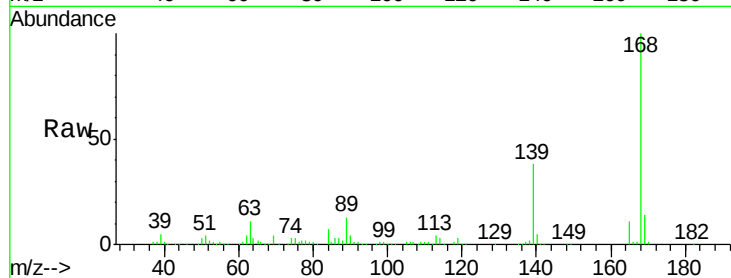
#54
Dibenzenofuran
Concen: 37.62 ng
RT: 11.01 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	260049		
139	37.8		31.0	46.4
169	13.7		10.7	16.1

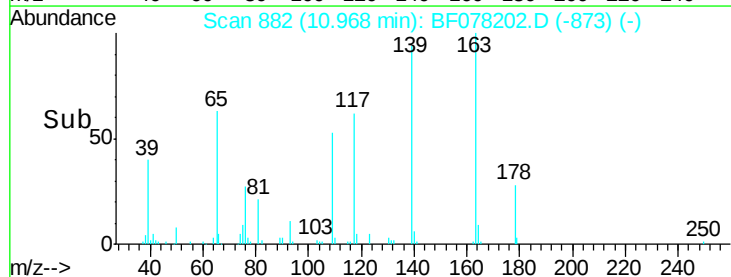
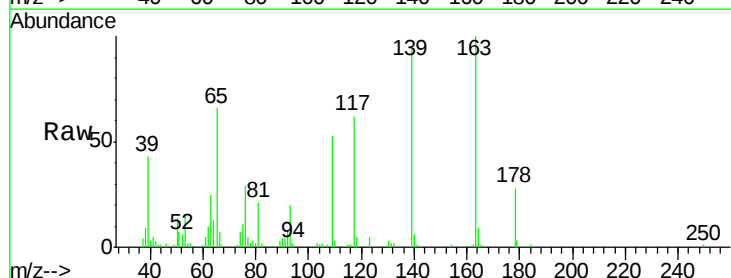
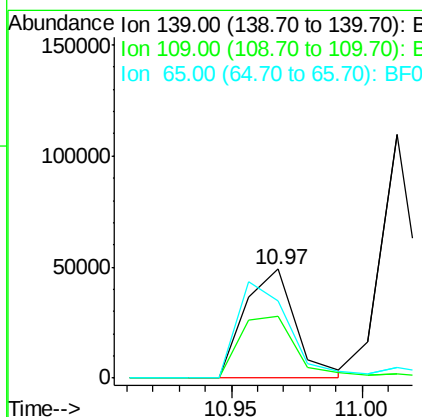
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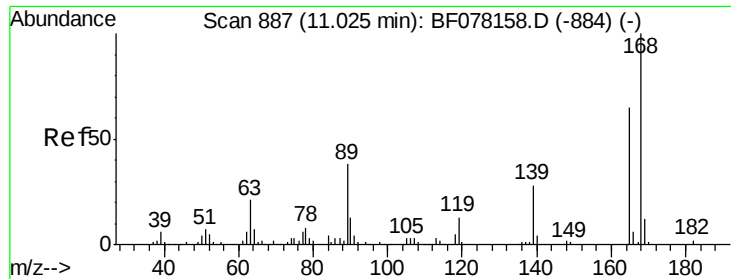
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#55
4-Nitrophenol
Concen: 67.17 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	66774		
109	56.3		36.7	76.7
65	70.6		49.9	89.9





#56

2,4-Dinitrotoluene

Concen: 41.16 ng

RT: 11.03 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

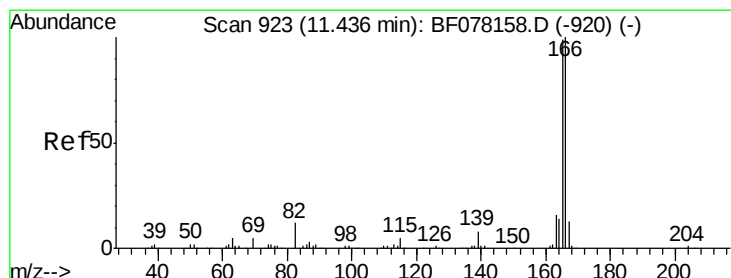
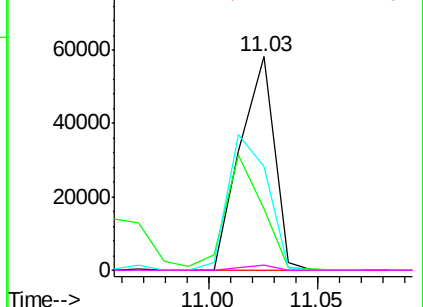
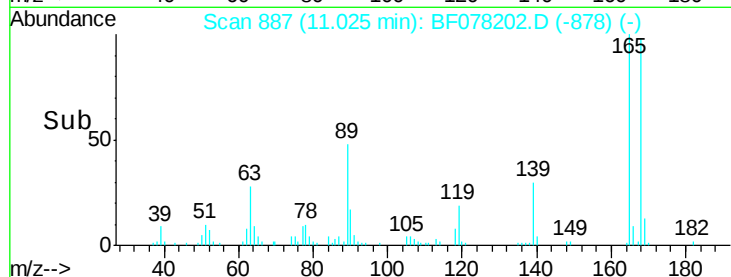
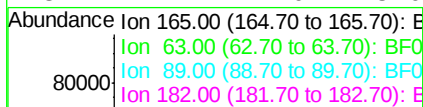
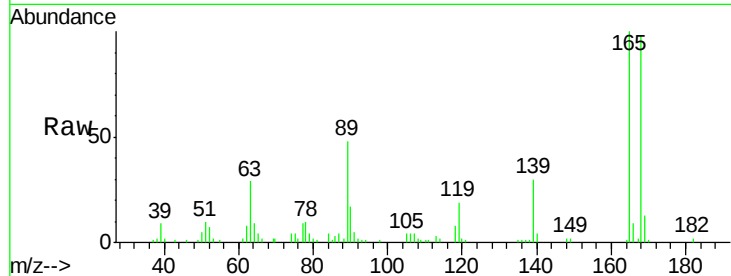
ClientSampleId :

PB82420BSD

Tot Ion:	165	Resp:	63724
Ion Ratio	Lower	Upper	
165	100		
63	28.9	26.5	39.7
89	48.4	46.4	69.6
182	2.4	2.0	3.0

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#57

Fluorene

Concen: 38.94 ng

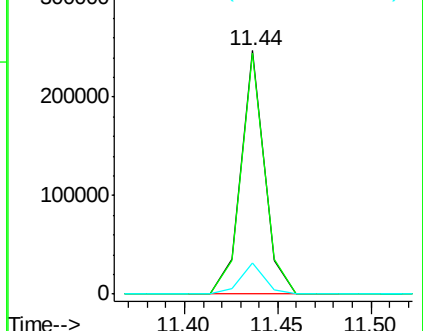
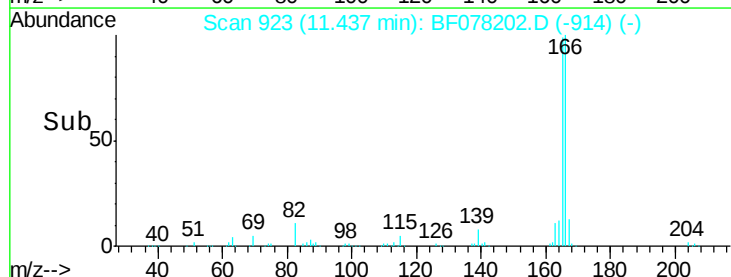
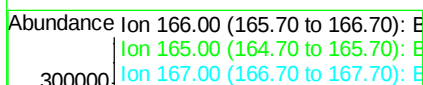
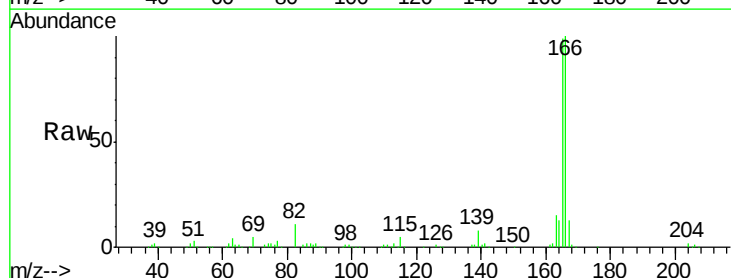
RT: 11.44 min Scan# 923

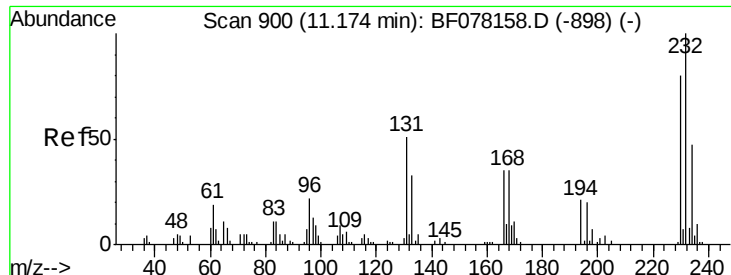
Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	166	Resp:	218190
Ion Ratio	Lower	Upper	
166	100		
165	98.9	78.9	118.3
167	13.0	10.7	16.1





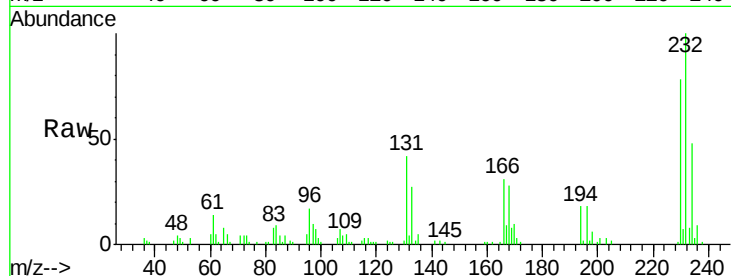
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.17 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

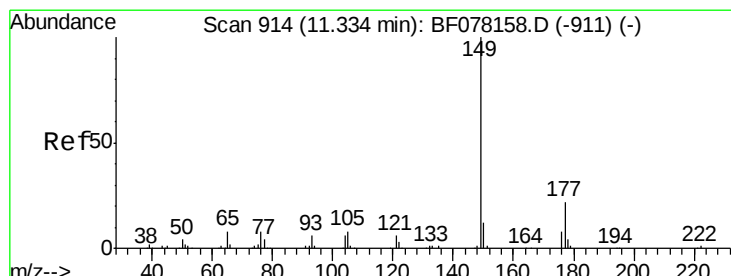
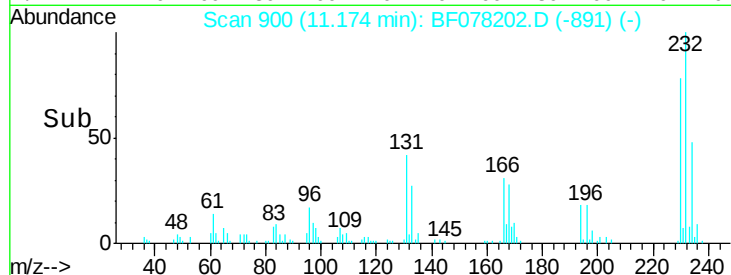
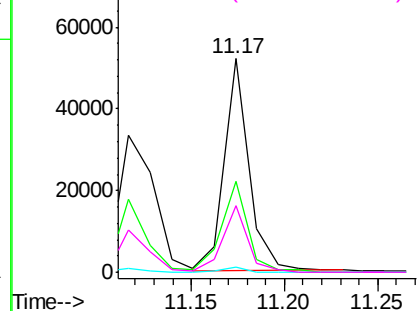
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.4	37.8	56.8
130	2.0	1.5	2.3
166	31.9	25.8	38.6

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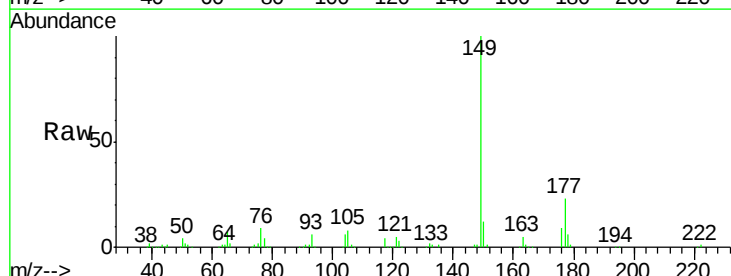


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

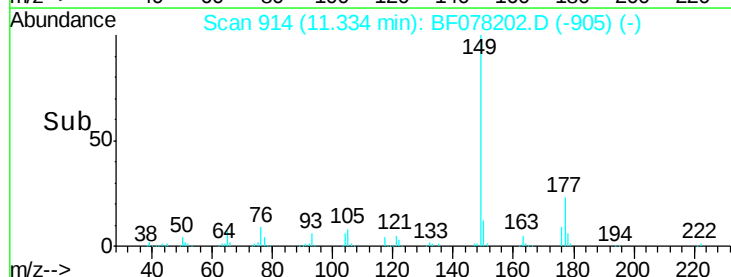
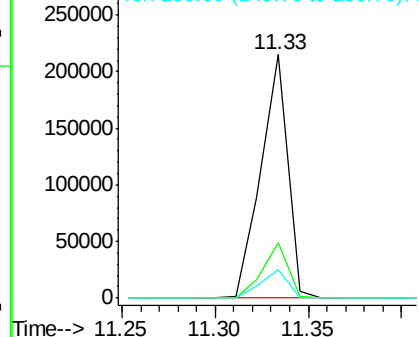


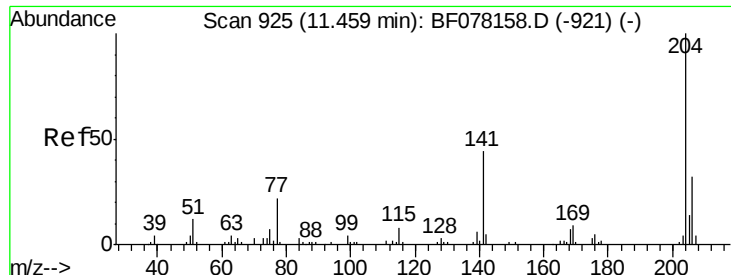
#59
 Diethylphthalate
 Concen: 38.05 ng
 RT: 11.33 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	11.8	9.4	14.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





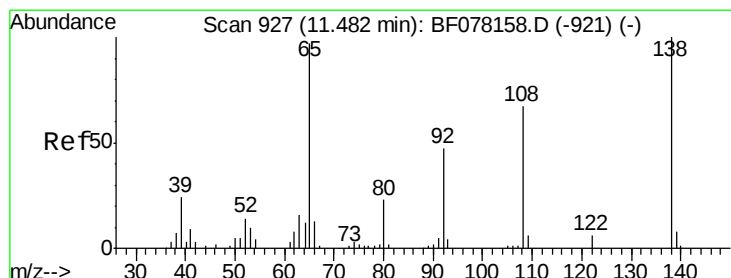
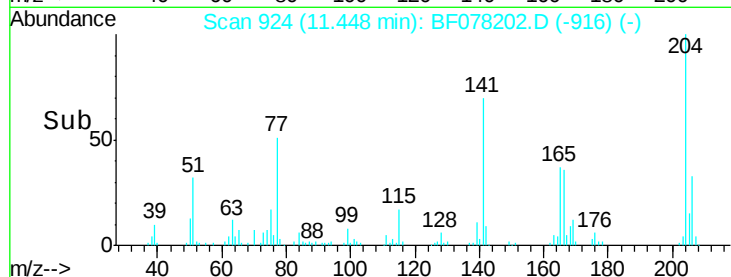
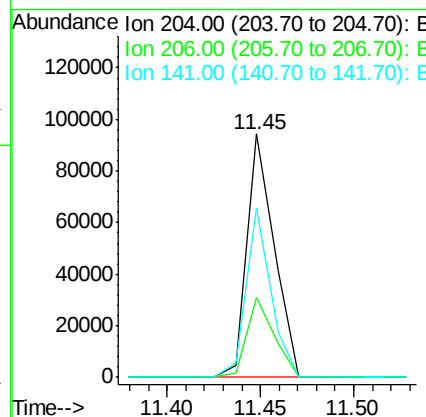
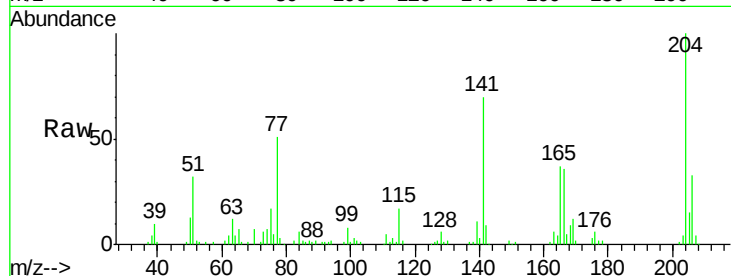
#60
 4-Chlorophenyl-phenylether
 Concen: 37.36 ng
 RT: 11.45 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	69.7	35.4	53.0

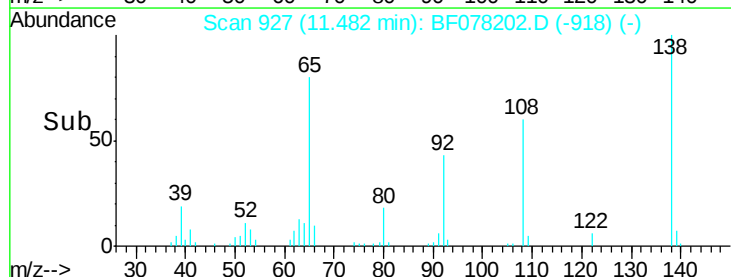
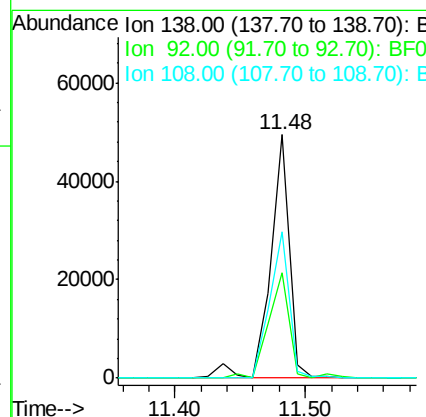
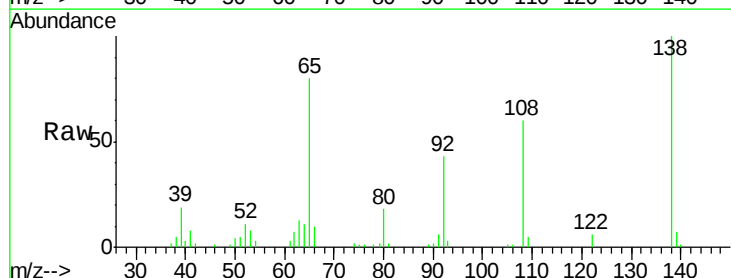
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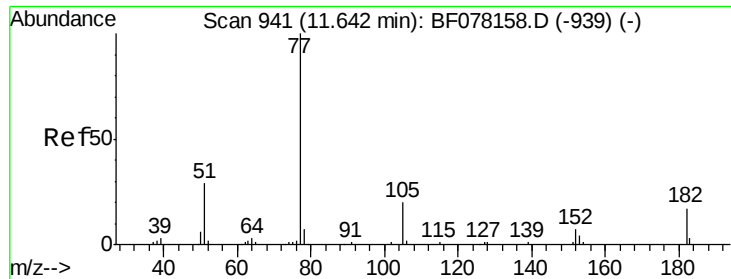
apatel
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#61
 4-Nitroaniline
 Concen: 37.02 ng
 RT: 11.48 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.0	27.3	67.3
108	60.3	47.2	87.2





#62

Azobenzene

Concen: 39.22 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

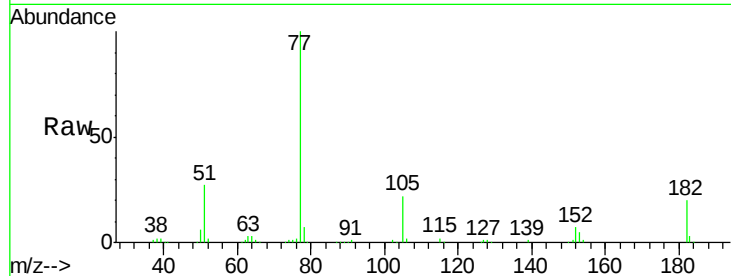
ClientSampleId :

PB82420BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		200542		
182	20.1	0.0	36.8		
105	21.8	0.3	40.3		
51	27.3	9.1	49.1		

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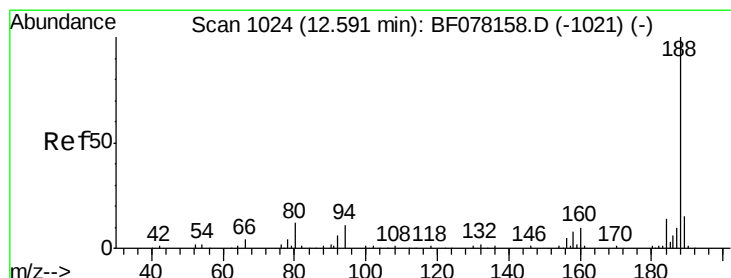
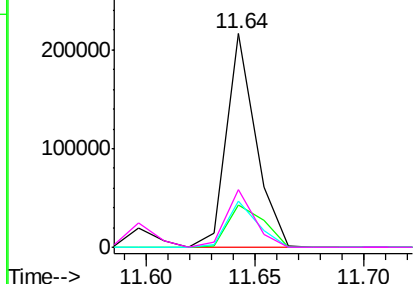
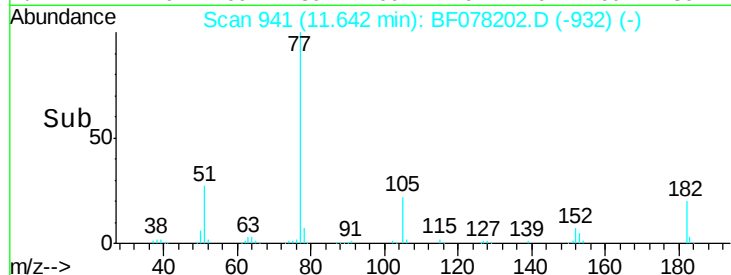


Abundance Ion 77.00 (76.70 to 77.70): BF078158.D (-939) (-)

Ion 182.00 (181.70 to 182.70): BF078158.D (-939) (-)

Ion 105.00 (104.70 to 105.70): BF078158.D (-939) (-)

Ion 51.00 (50.70 to 51.70): BF078158.D (-939) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

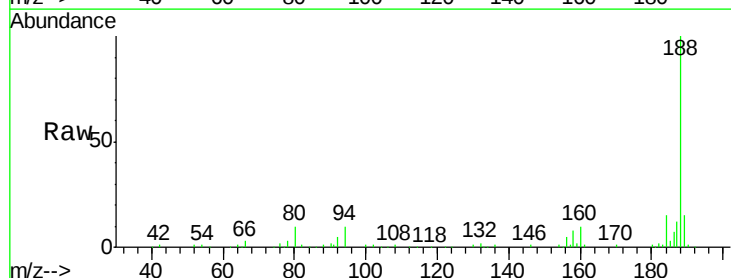
RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

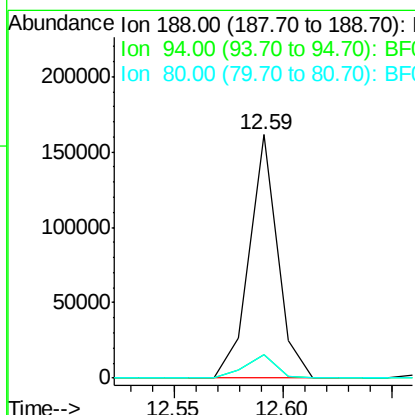
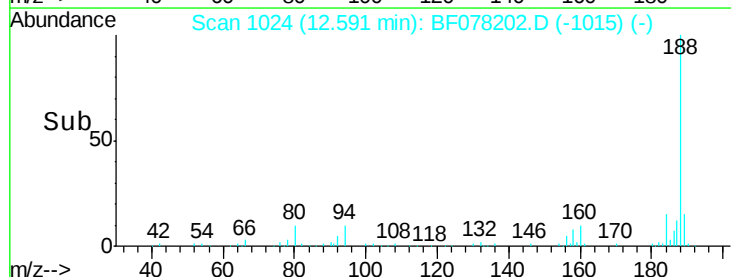
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		146820		
94	9.6	9.0	13.4		
80	9.9	9.5	14.3		

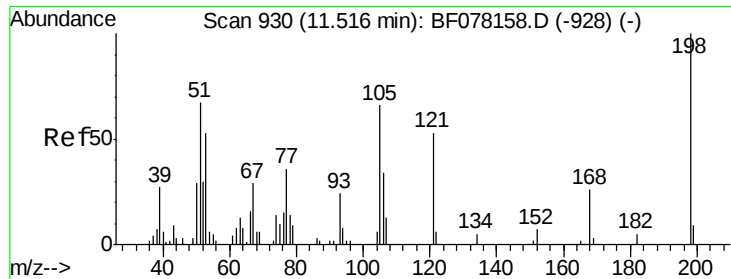


Abundance Ion 188.00 (187.70 to 188.70): BF078158.D (-1021) (-)

Ion 94.00 (93.70 to 94.70): BF078158.D (-1021) (-)

Ion 80.00 (79.70 to 80.70): BF078158.D (-1021) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 33.60 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tot Ion:198 Resp: 22211

Ion Ratio Lower Upper

198 100

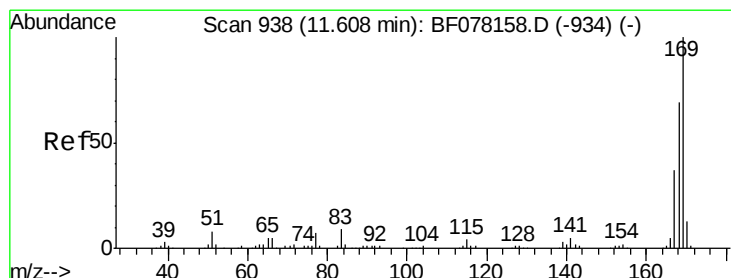
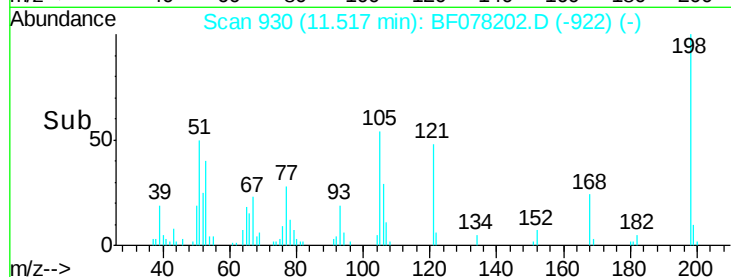
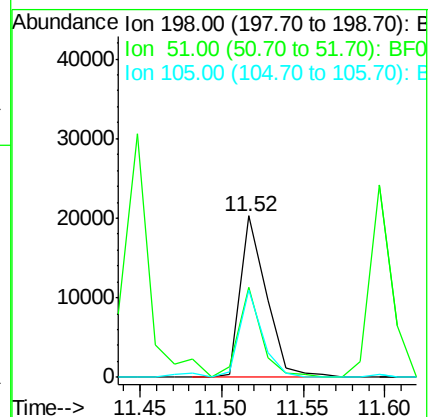
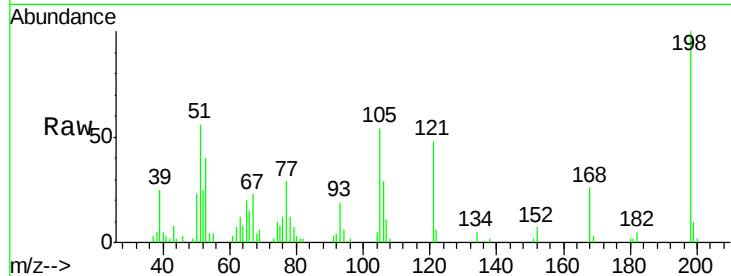
51 55.8 48.6 88.6

105 54.1 45.8 85.8

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#65

n-Nitrosodiphenylamine

Concen: 34.89 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

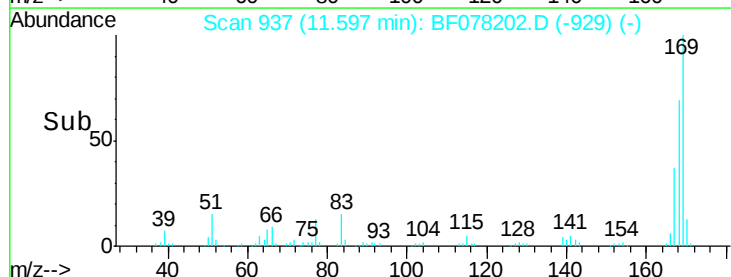
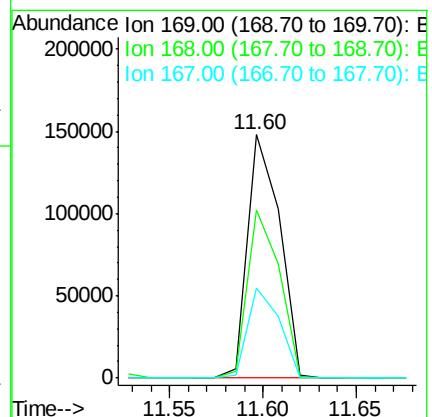
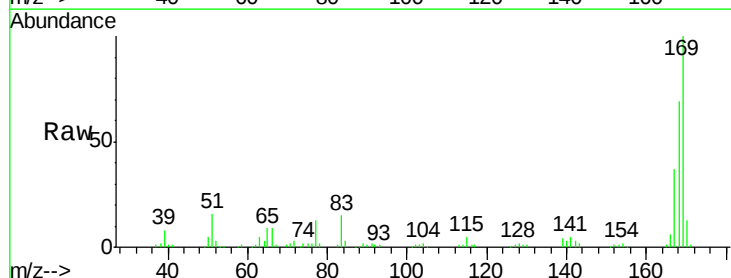
Tgt Ion:169 Resp: 177217

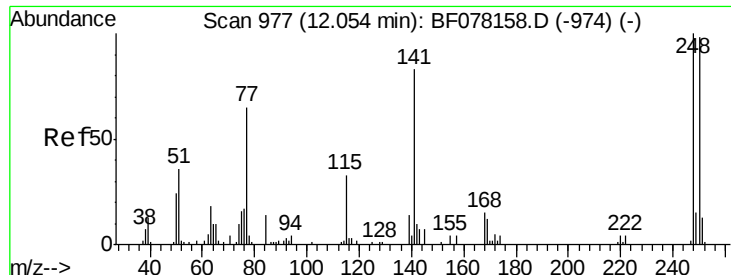
Ion Ratio Lower Upper

169 100

168 68.8 55.0 82.4

167 36.8 29.3 43.9





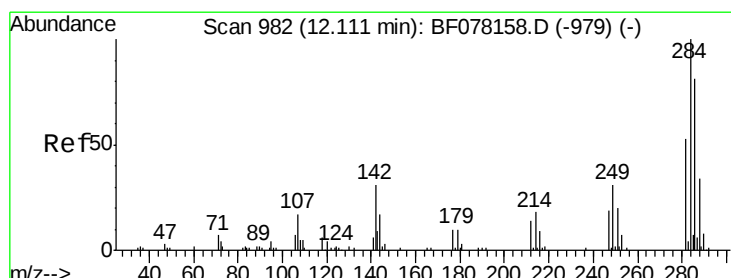
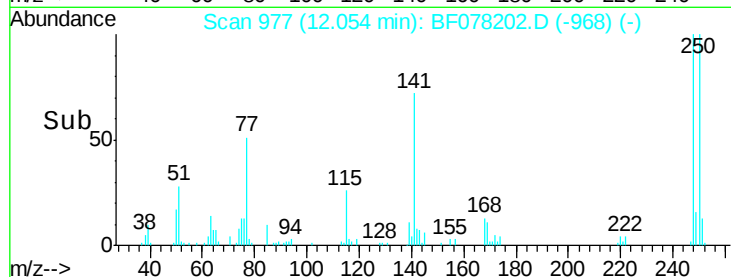
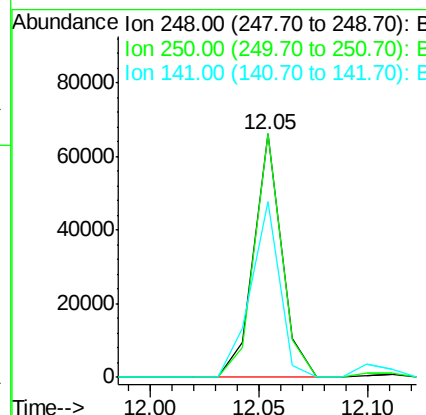
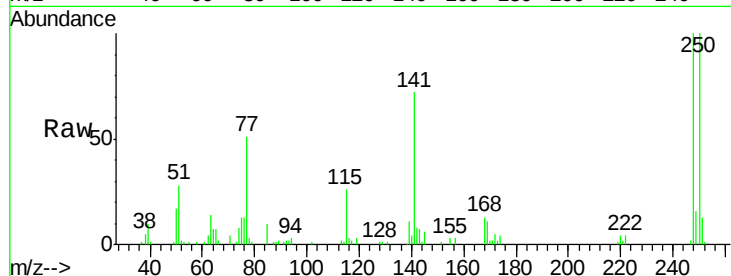
#66
4-Bromophenyl-phenylether
Concen: 37.90 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	78.2	117.2
141	72.5	66.4	99.6

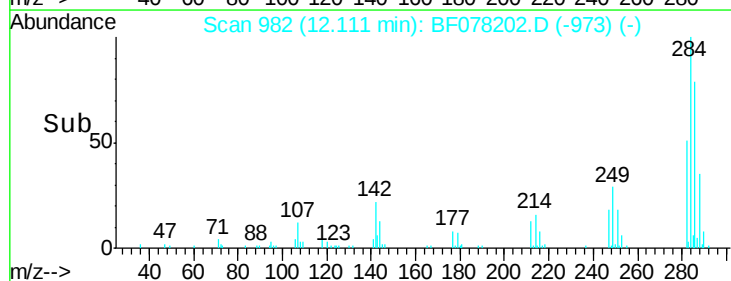
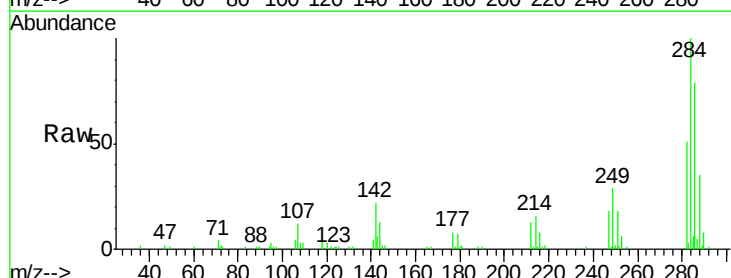
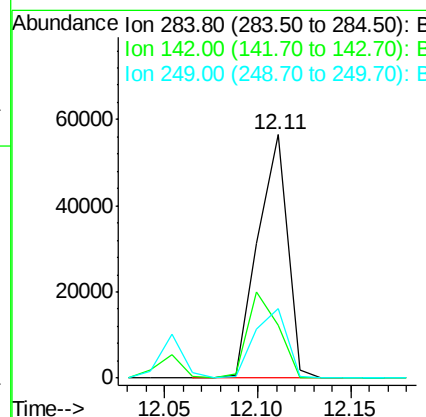
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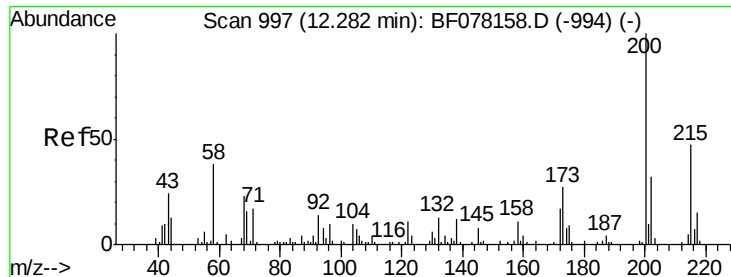
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#67
Hexachlorobenzene
Concen: 36.32 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	21.5	24.5	36.7#
249	28.6	24.8	37.2





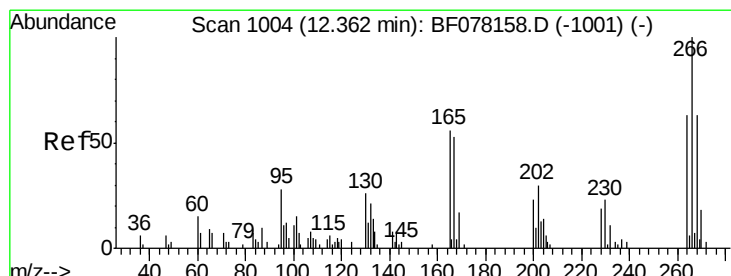
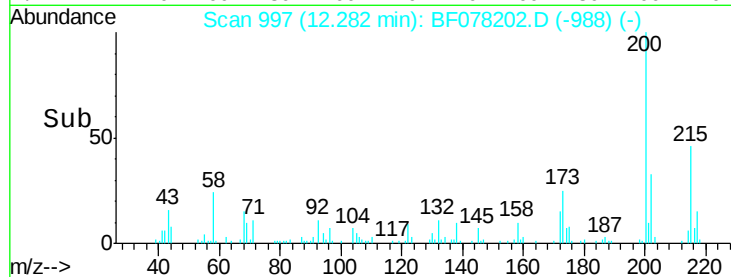
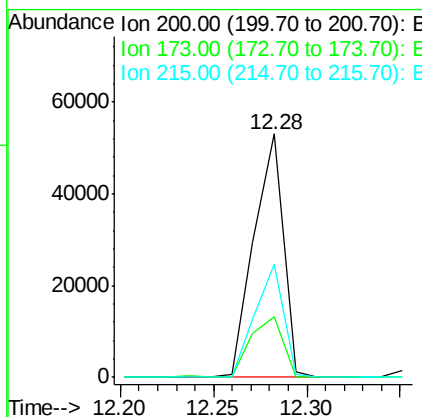
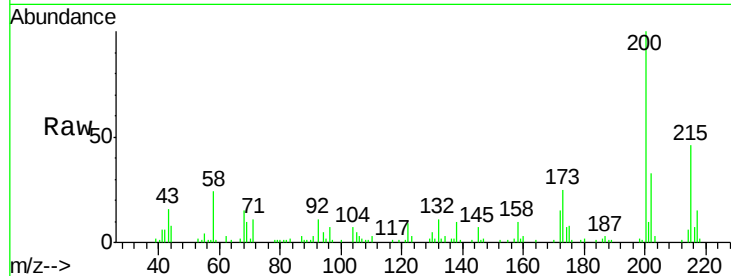
#68
Atrazine
Concen: 39.23 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	6.9	46.9
215	46.3	27.1	67.1

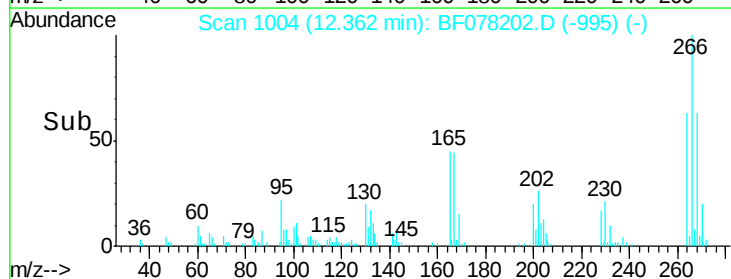
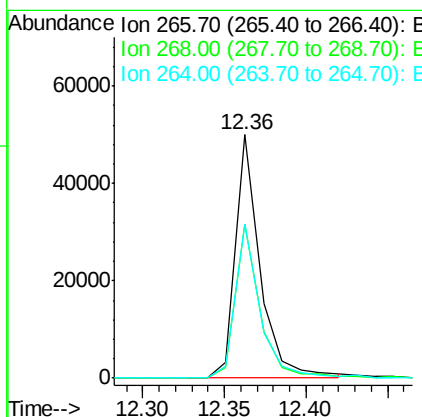
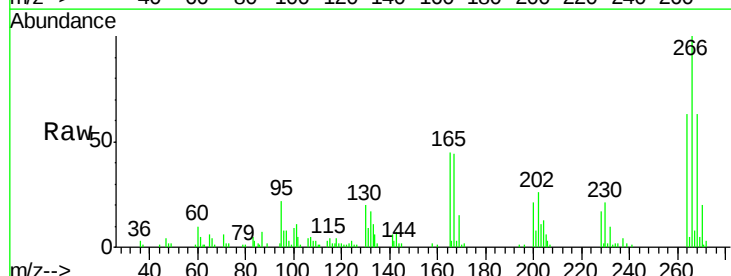
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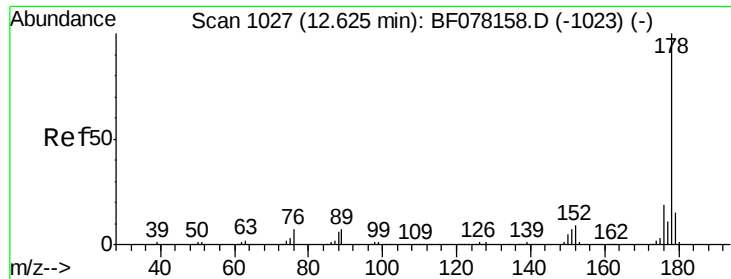
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#69
Pentachlorophenol
Concen: 69.83 ng
RT: 12.36 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	50.1	75.1
264	63.2	50.0	75.0





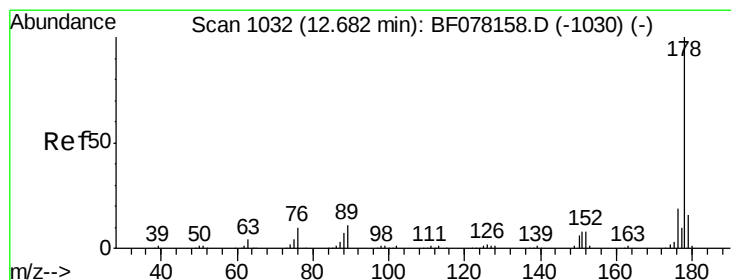
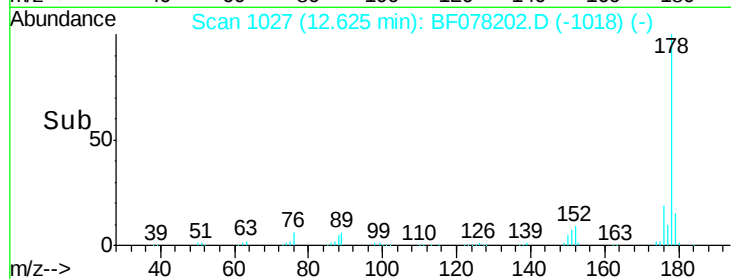
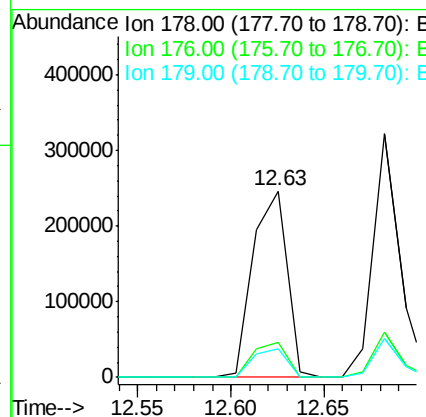
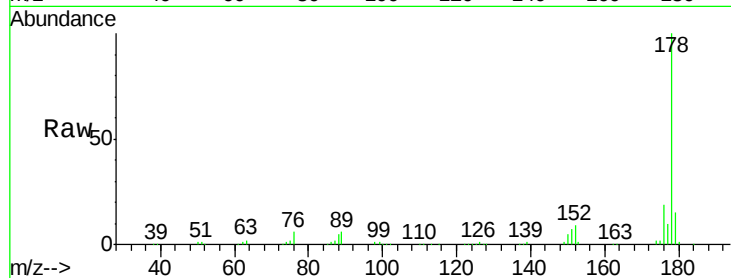
#70
Phenanthrene
Concen: 36.65 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.2

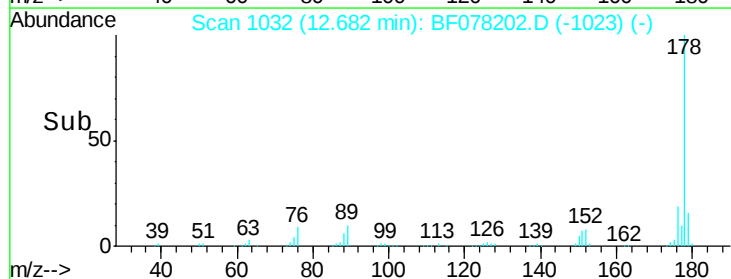
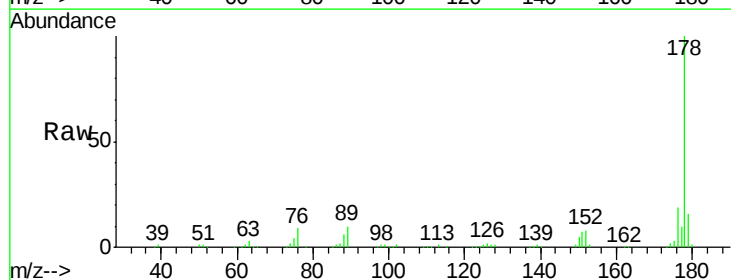
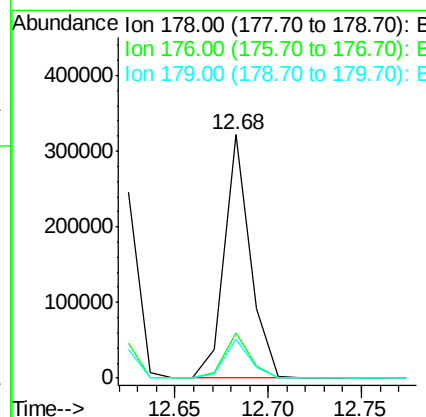
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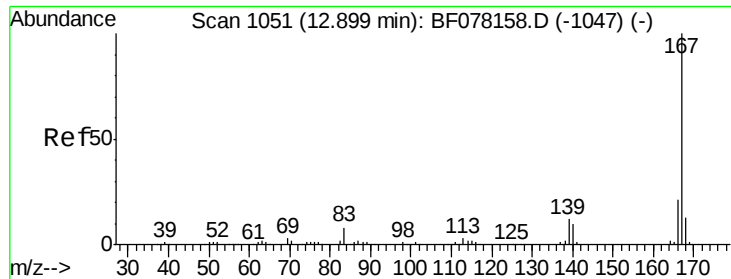
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4/6/2015 12:05:35 PM



#71
Anthracene
Concen: 37.35 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.8	12.4	18.6





#72

Carbazole

Concen: 37.69 ng

RT: 12.90 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

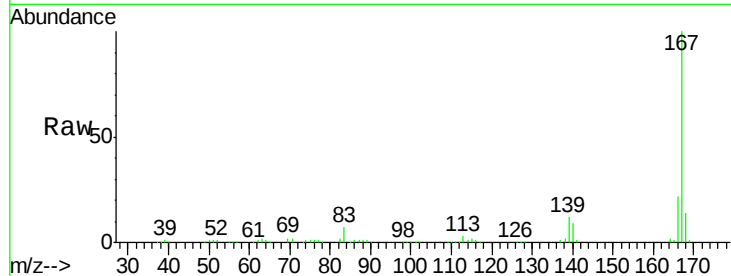
ClientSampleId :

PB82420BSD

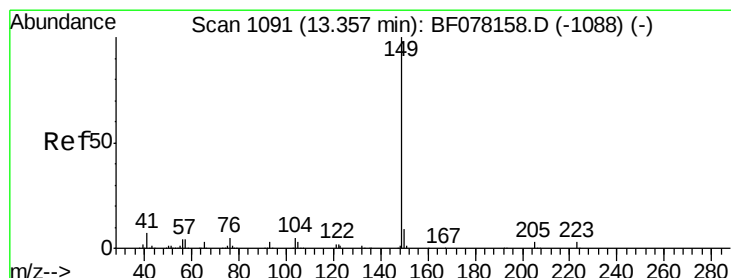
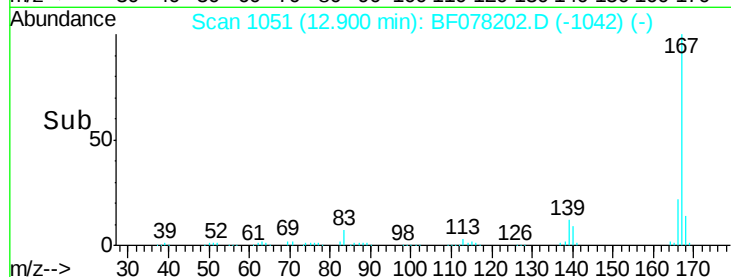
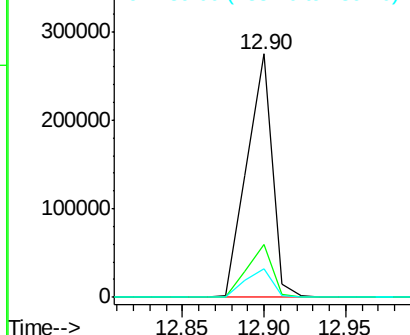
Tot Ion:	167	Resp:	295568
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.8	25.2
139	11.9	10.0	15.0

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



#73

Di-n-butylphthalate

Concen: 37.65 ng

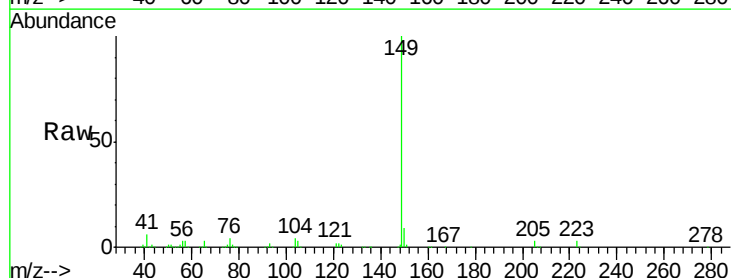
RT: 13.36 min Scan# 1091

Delta R.T. 0.00 min

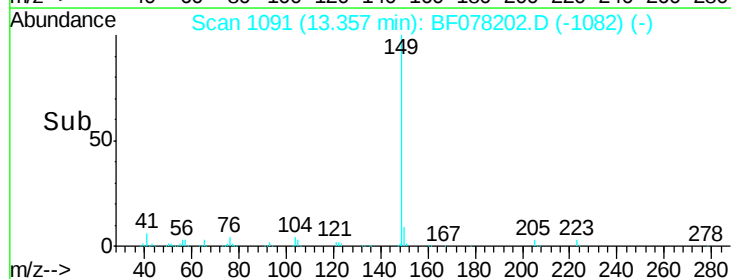
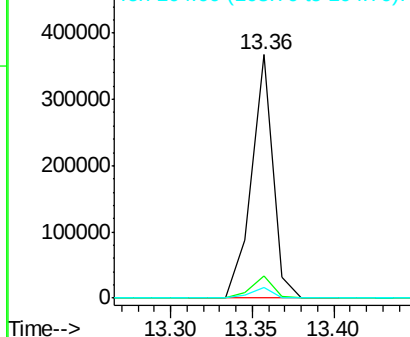
Lab File: BF078202.D

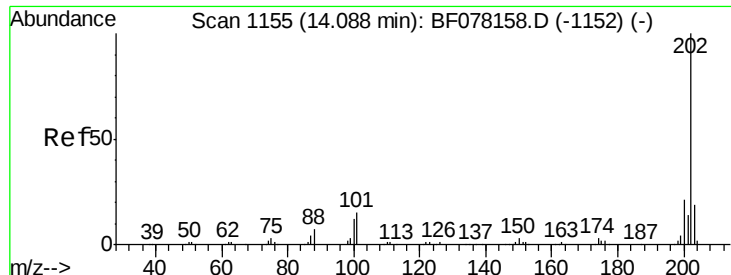
Acq: 2 Apr 2015 16:24

Tgt Ion:	149	Resp:	334490
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.1	10.7
104	4.5	3.8	5.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





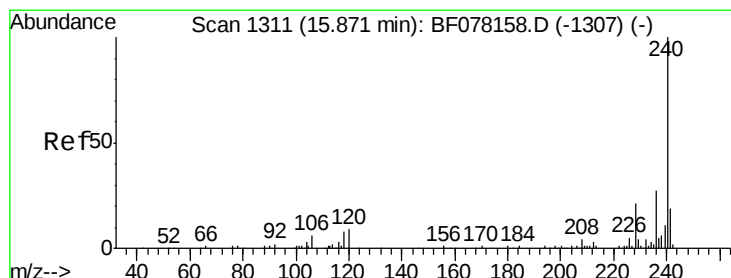
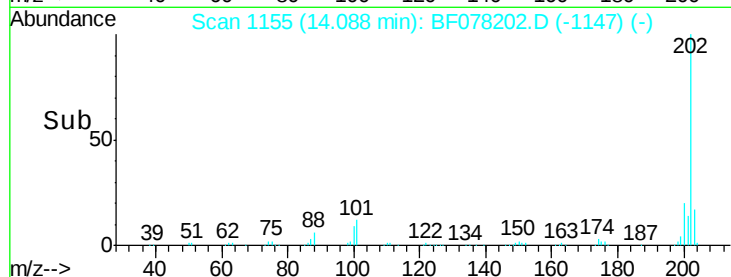
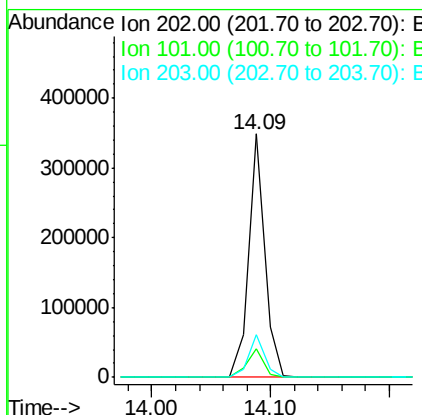
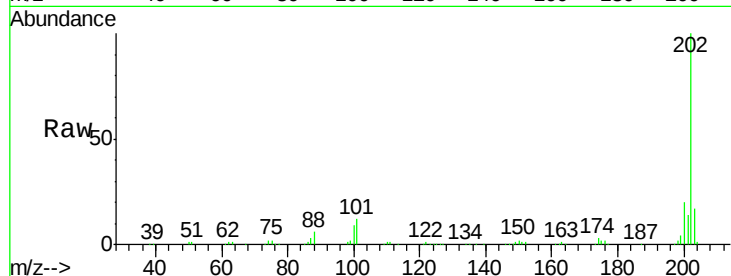
#74
 Fluoranthene
 Concen: 37.36 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	35.2
203	17.4	0.0	38.5

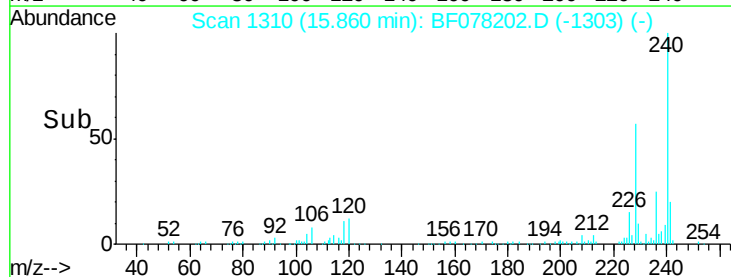
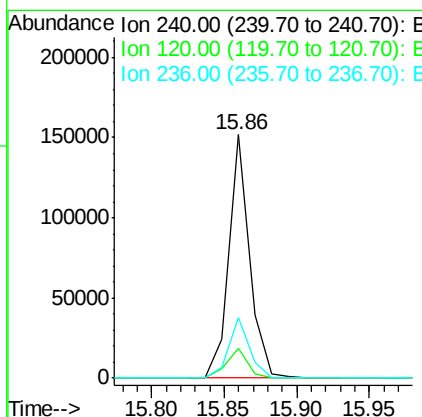
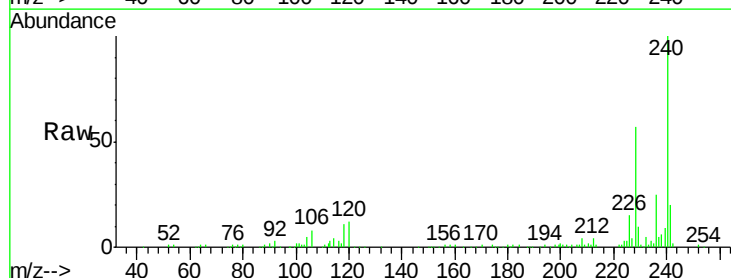
Manual Integrations
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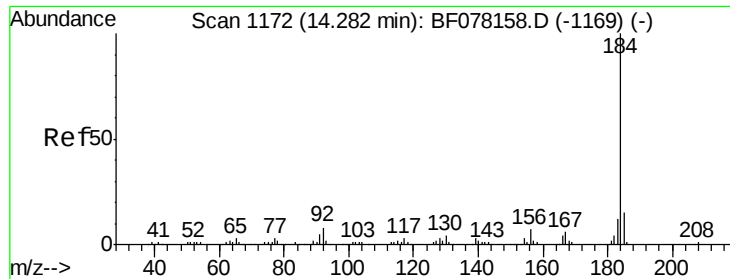
apatel
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.1	7.1	10.7#
236	24.9	21.4	32.2





#76

Benzidine

Concen: 24.96 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

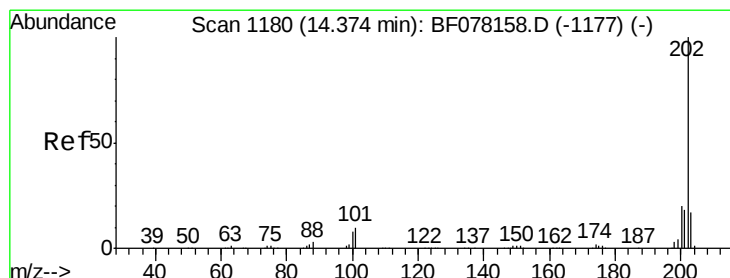
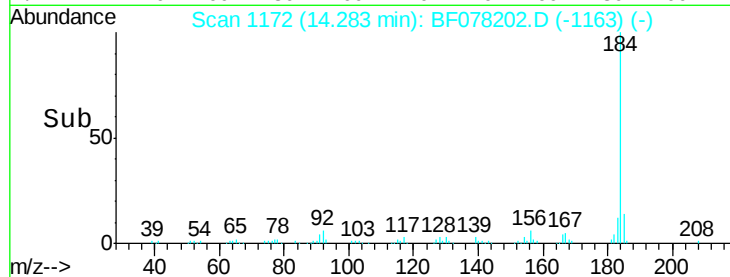
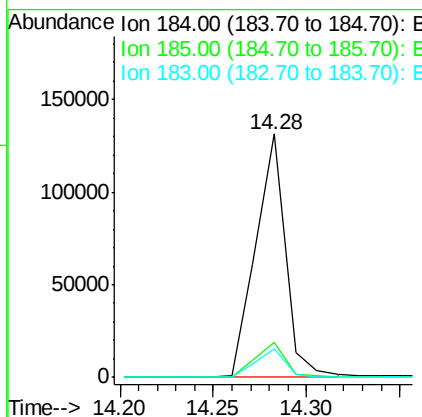
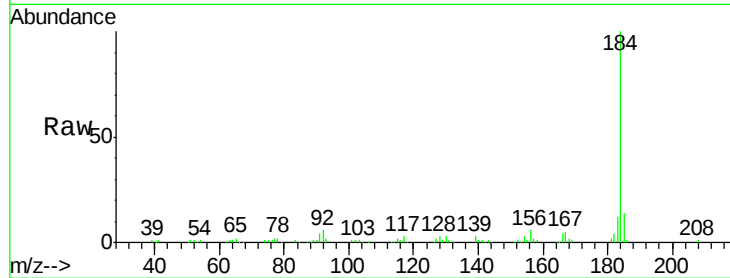
ClientSampleId :

PB82420BSD

Tot Ion:	184	Resp:	145227
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	11.6	9.5	14.3

Manual Integrations
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#77

Pyrene

Concen: 36.45 ng

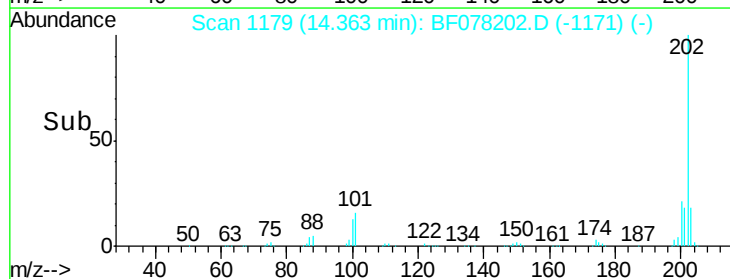
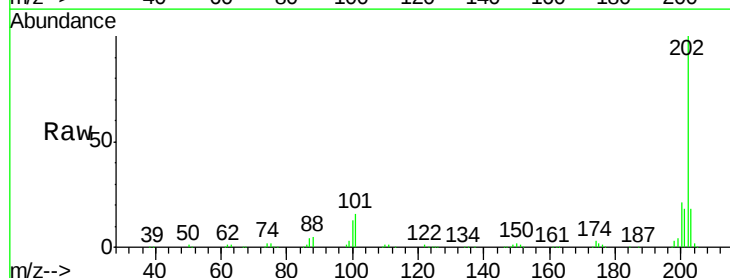
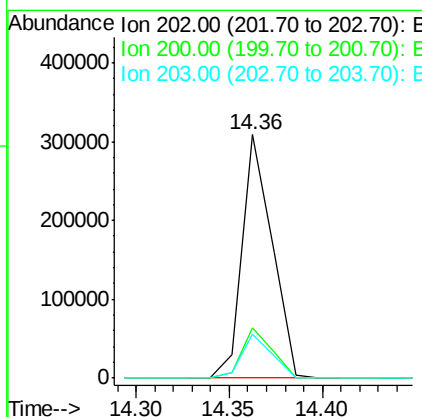
RT: 14.36 min Scan# 1179

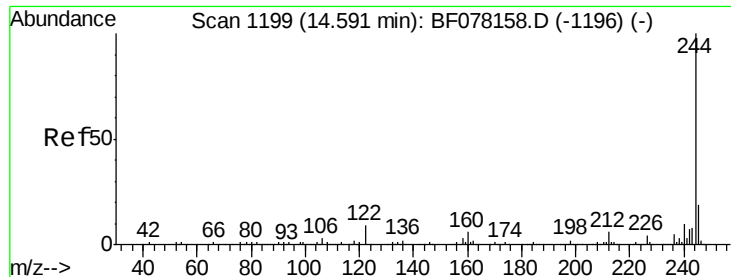
Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	202	Resp:	345724
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.3	24.5
203	18.1	13.8	20.6





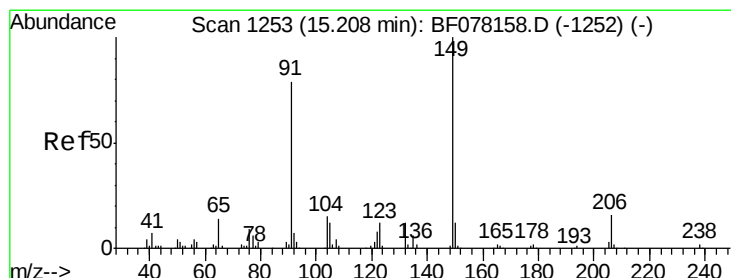
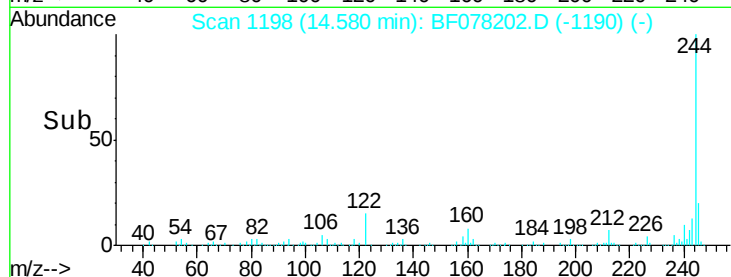
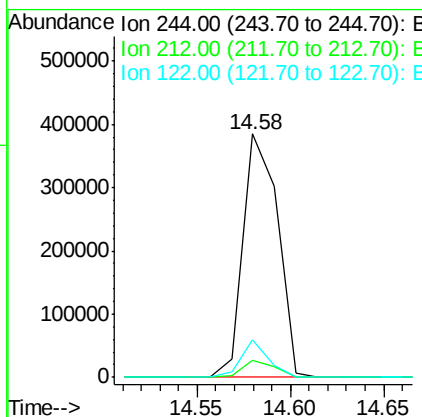
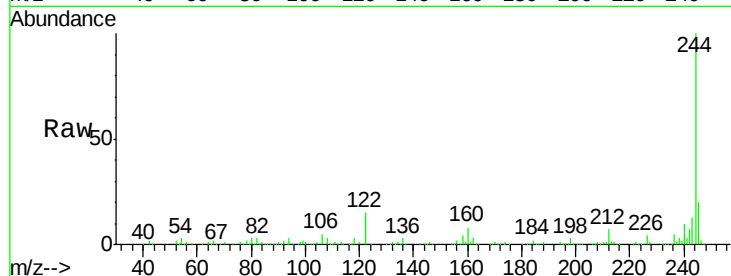
#78
 Terphenyl-d14
 Concen: 74.20 ng
 RT: 14.58 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.0	7.4
122	15.2	7.1	10.7

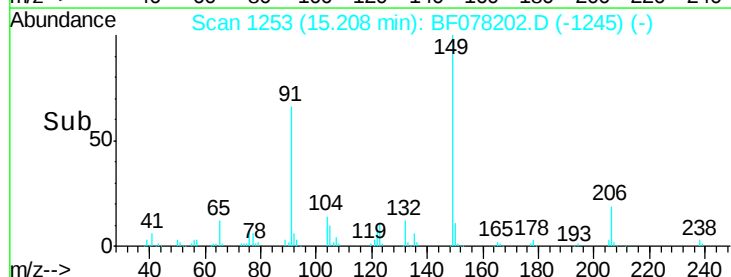
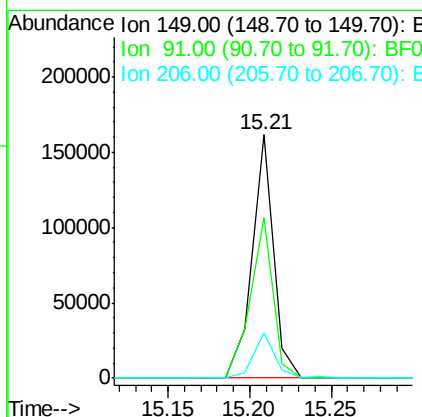
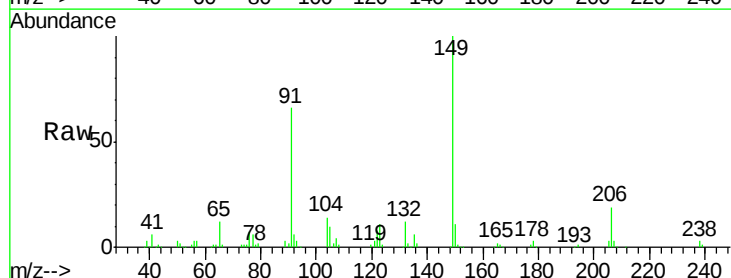
Manual Integrations
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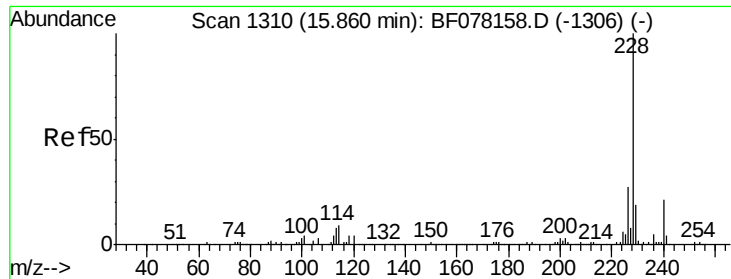
apatel
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#79
 Butylbenzylphthalate
 Concen: 40.80 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	66.0	64.2	96.2
206	18.7	12.6	18.8





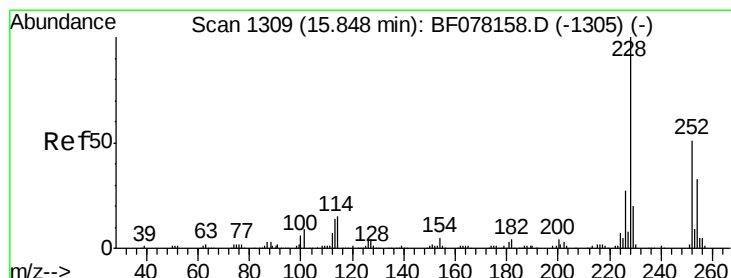
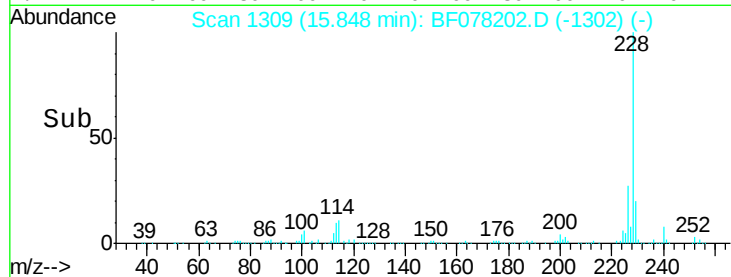
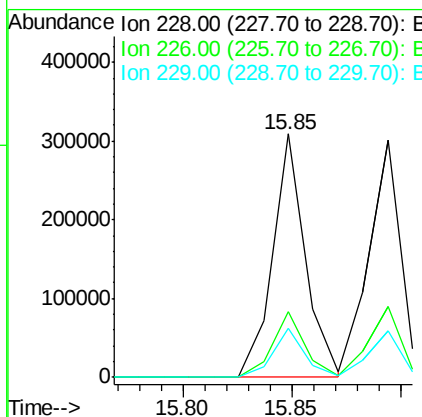
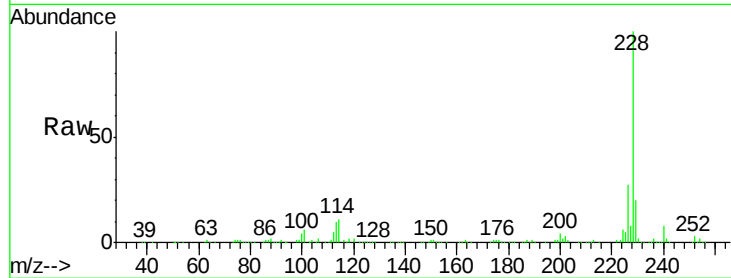
#80
Benzo(a)anthracene
Concen: 36.28 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	20.0	15.4	23.2

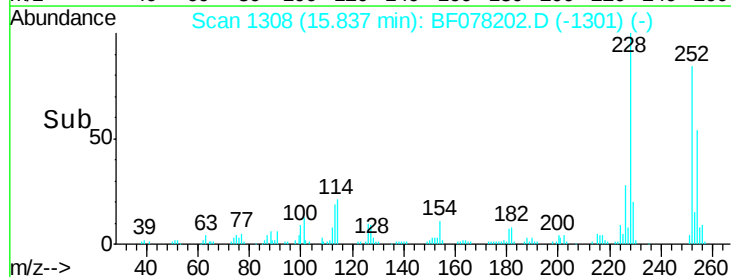
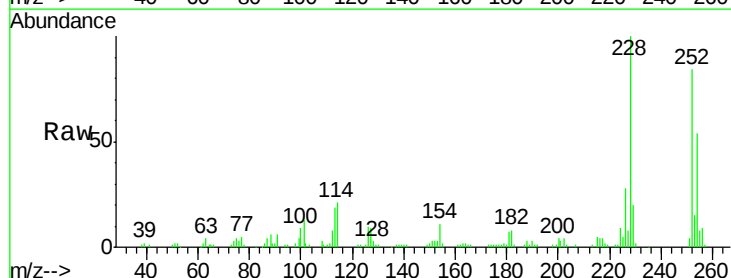
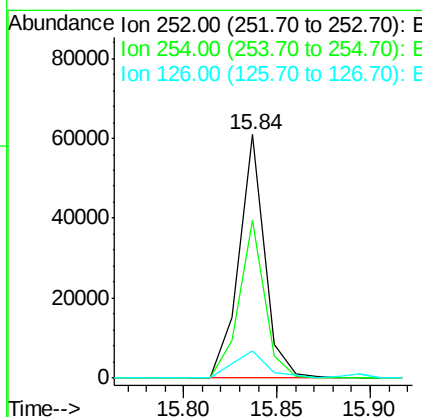
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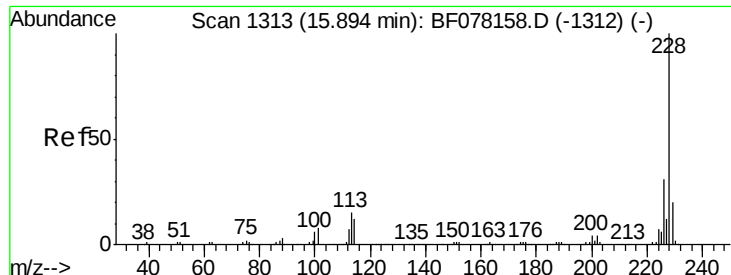
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#81
3,3'-Dichlorobenzidine
Concen: 19.61 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.2	76.8
126	11.4	6.3	9.5#





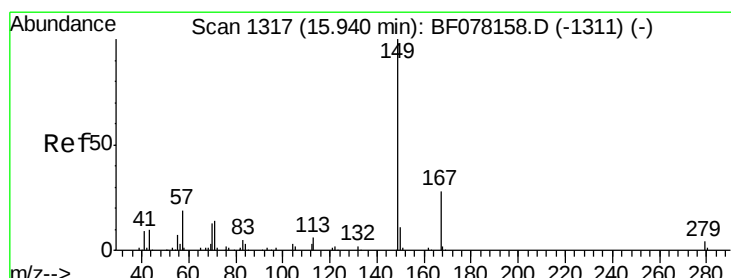
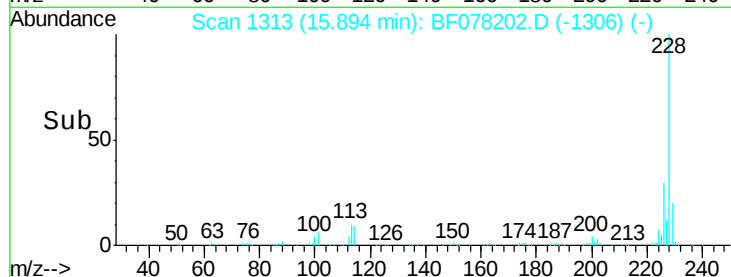
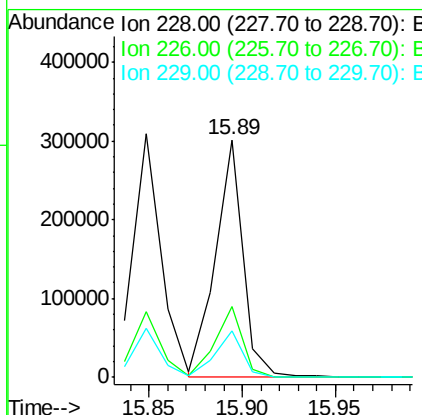
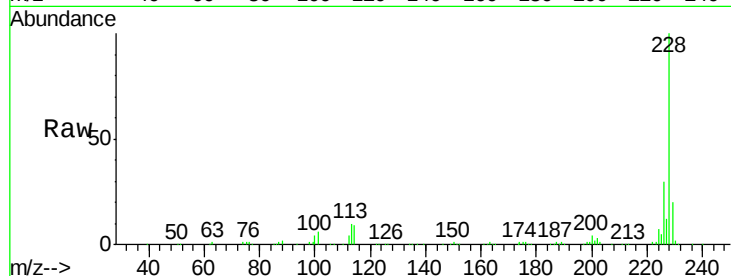
#82
Chrysene
Concen: 36.51 ng
RT: 15.89 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	308368		
226	29.7		24.2	36.4
229	19.7		15.8	23.8

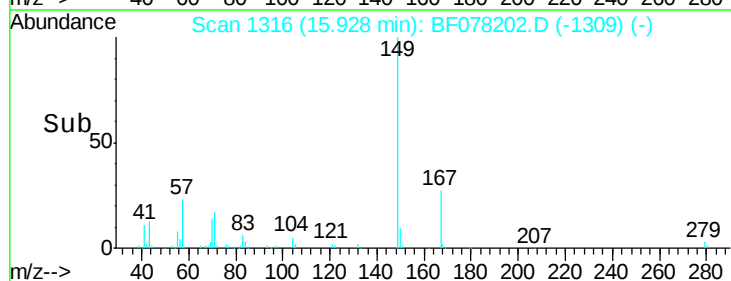
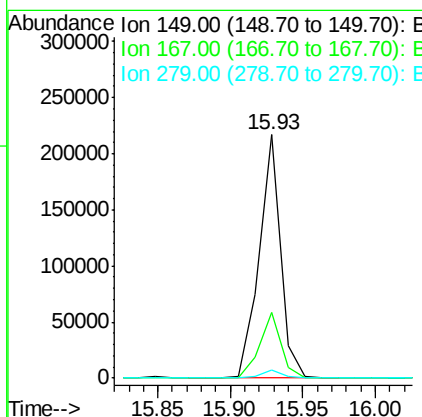
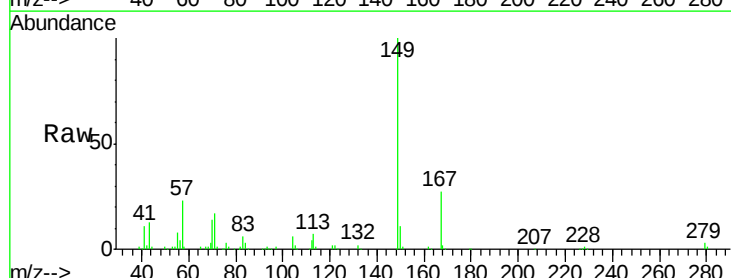
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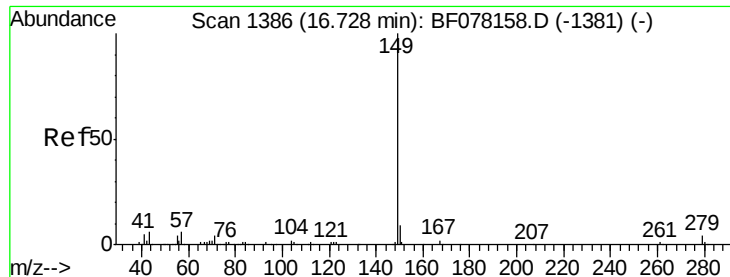
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#83
Bis(2-ethylhexyl)phthalate
Concen: 39.23 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	222455		
167	27.0		22.2	33.2
279	3.3		3.2	4.8





#84

Di-n-octyl phthalate

Concen: 40.40 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.07 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

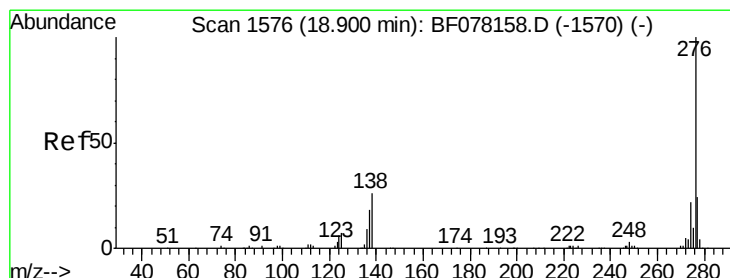
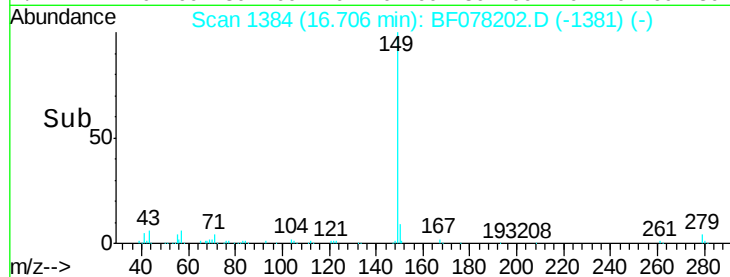
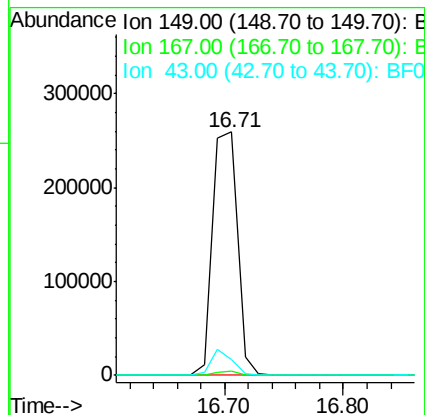
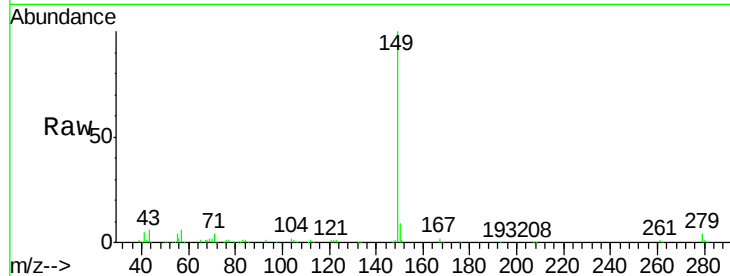
ClientSampleId :

PB82420BSD

Tot Ion:	149	Resp:	376166
Ion Ratio	Lower	Upper	
149	100		
167	1.4	0.0	0.0#
43	9.2	0.0	0.0#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 36.10 ng

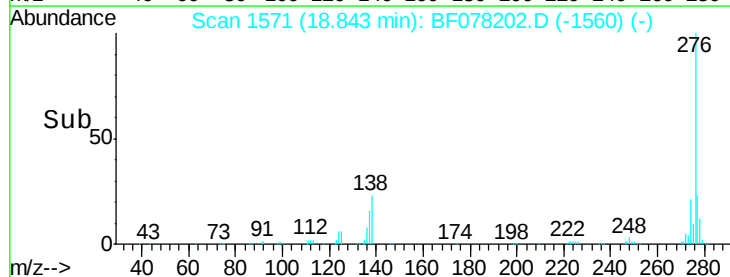
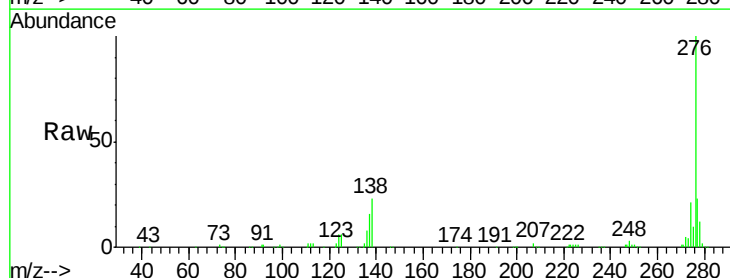
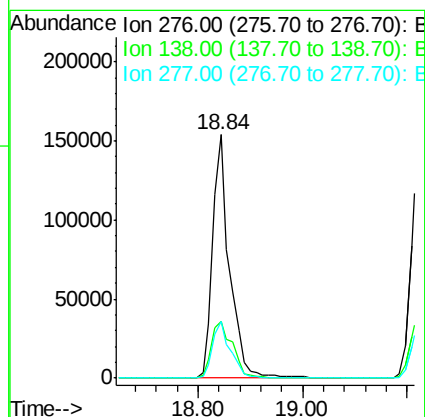
RT: 18.84 min Scan# 1571

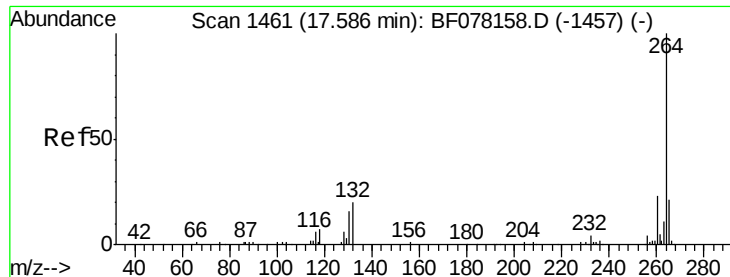
Delta R.T. -0.17 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	276	Resp:	346020
Ion Ratio	Lower	Upper	
276	100		
138	29.3	16.9	25.3#
277	24.8	15.8	23.6#





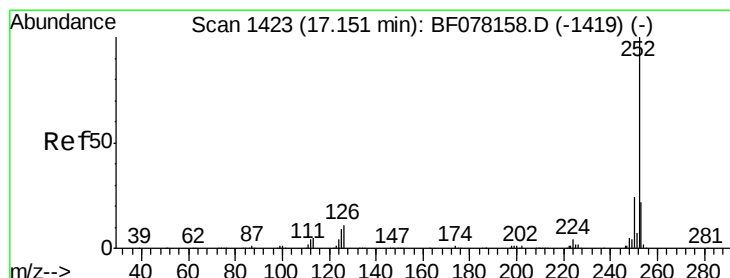
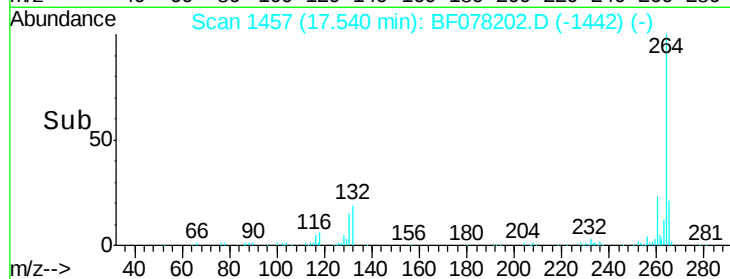
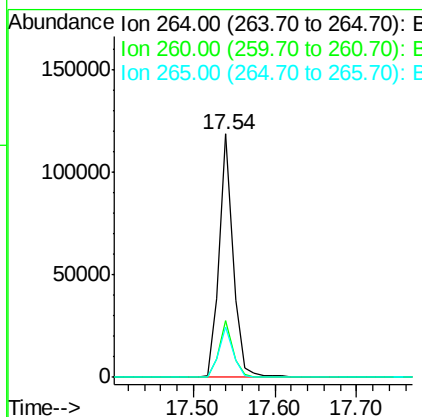
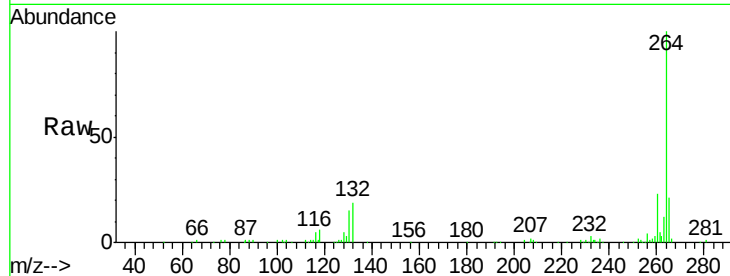
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.13 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.8	17.0	25.6

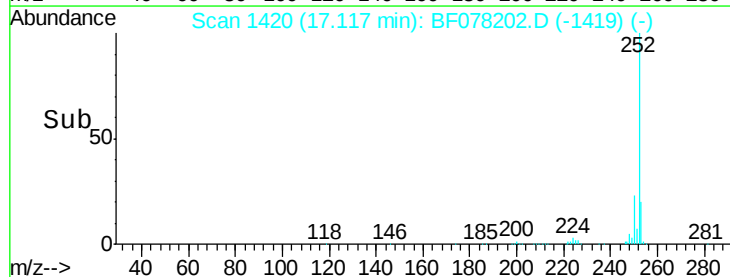
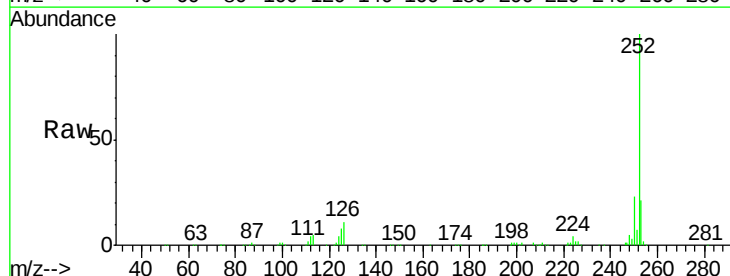
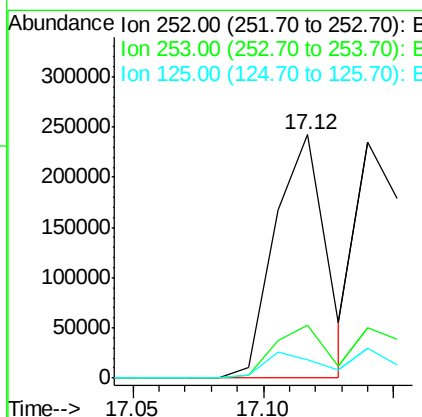
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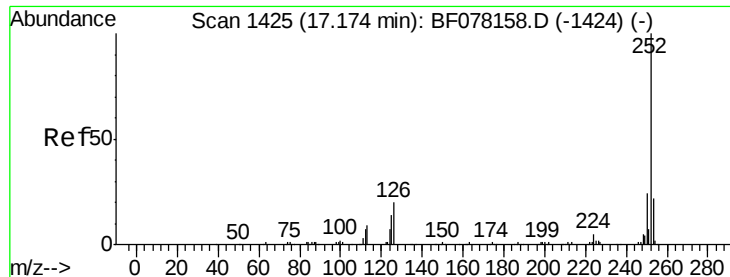
apatel
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#87
Benzo(b)fluoranthene
Concen: 37.40 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.09 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.8	7.0	10.4





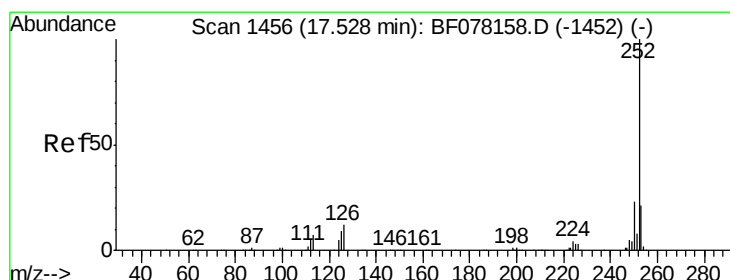
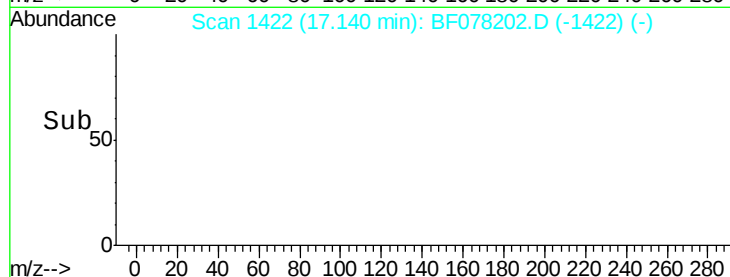
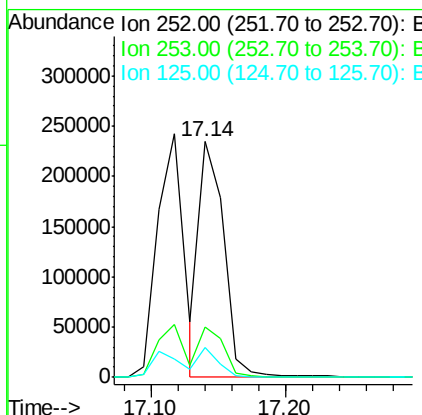
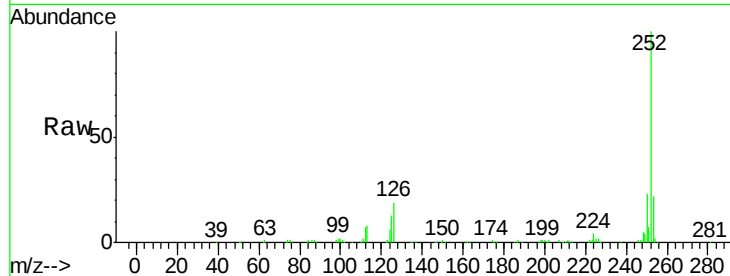
#88
Benzo(k)fluoranthene
Concen: 39.77 ng m
RT: 17.14 min Scan# 1422
Delta R.T. -0.10 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	12.9	11.6	17.4

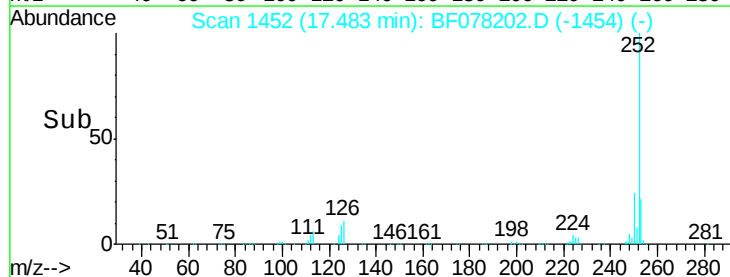
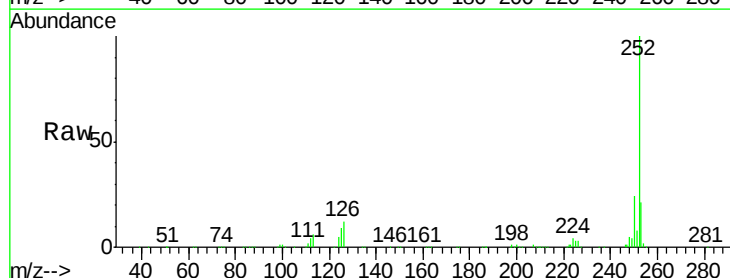
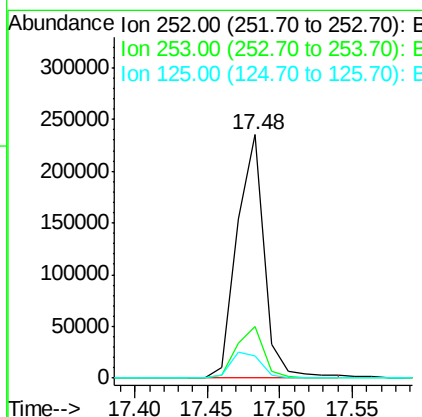
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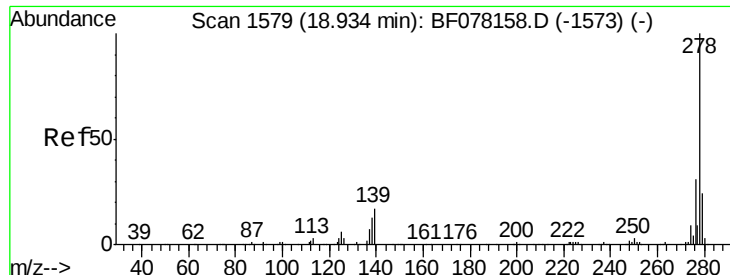
apatel
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#89
Benzo(a)pyrene
Concen: 40.35 ng
RT: 17.48 min Scan# 1452
Delta R.T. -0.13 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.8	25.2
125	9.3	7.4	11.0





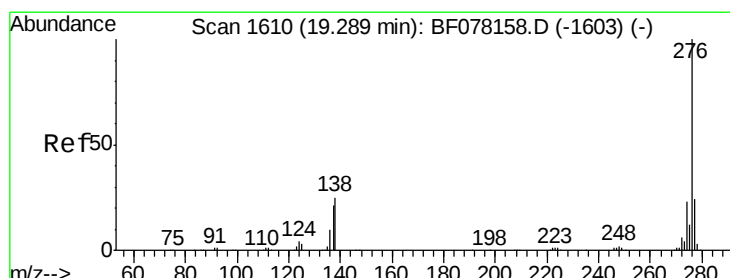
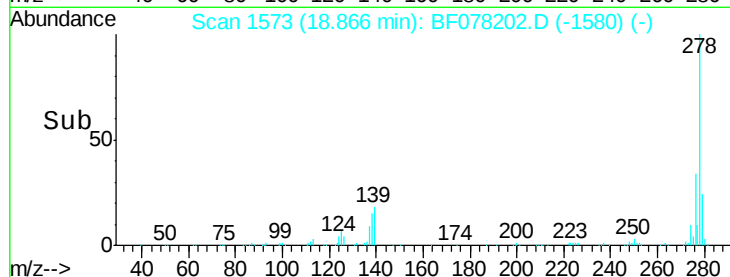
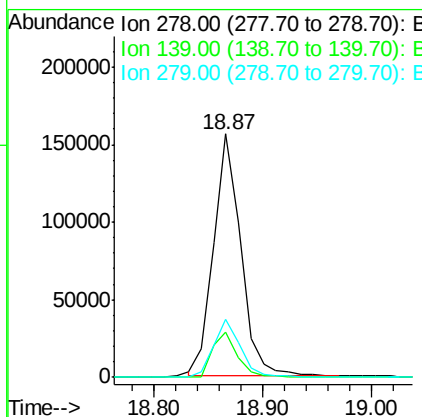
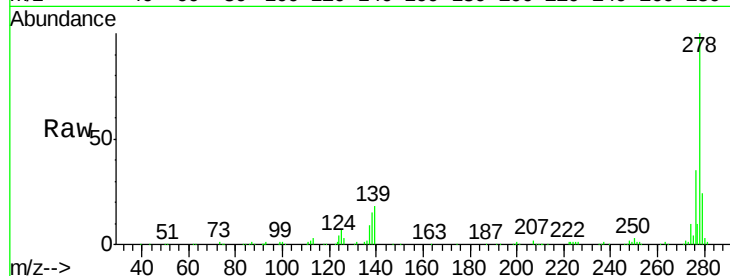
#90
Dibenzo(a,h)anthracene
Concen: 35.71 ng
RT: 18.87 min Scan# 1573
Delta R.T. -0.18 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tot Ion:	278	Resp:	271858
Ion Ratio	Lower	Upper	
278	100		
139	18.3	13.6	20.4
279	23.6	19.0	28.6

Manual Integrations
APPROVED

apatel
4/6/2015 12:05:35 PM



#91
Benzo(g,h,i)perylene
Concen: 36.65 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.18 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion:	276	Resp:	279731
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.0	28.4
138	26.9	19.9	29.9

